

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX030620\
 Data File : VX015129.D
 Acq On : 06 Mar 2020 16:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:36:16 AM

Quant Time: Mar 07 01:23:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	63092	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.84	114	330016	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	306533	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	130181	29.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.90%
60) 4-Bromofluorobenzene	11.13	95	142446	29.84	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.47%
63) Toluene-d8	8.71	98	403948	30.22	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	47217	16.759	ug/l 95
3) Chloromethane	1.32	50	72881	20.006	ug/l 96
4) Vinyl Chloride	1.40	62	75124	19.161	ug/l 98
5) Bromomethane	1.64	94	46012	16.758	ug/l 97
6) Chloroethane	1.72	64	47886	18.233	ug/l 100
7) Trichlorofluoromethane	1.92	101	96069	16.836	ug/l 97
8) Diethyl Ether	2.18	74	45847	19.099	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	63009	19.099	ug/l 99
10) 1,1-Dichloroethene	2.37	96	60818	18.337	ug/l 96
11) Methyl Iodide	2.50	142	52081	12.923	ug/l 98
12) Methyl Acetate	2.76	43	76766	18.600	ug/l 95
13) Acrolein	2.28	56	81686	99.518	ug/l 98
14) Acrylonitrile	3.12	53	171775	92.160	ug/l 99
15) Acetone	2.43	58	43518	65.241	ug/l 92
16) Carbon Disulfide	2.56	76	148716	16.677	ug/l 98
17) Allyl chloride	2.72	41	108515	18.809	ug/l 99
18) Methylene Chloride	2.84	84	71967	18.833	ug/l 95
19) trans-1,2-Dichloroethene	3.16	96	66218	18.177	ug/l 99
20) Diisopropyl ether	3.84	45	226860	19.254	ug/l 98
21) 1,1-Dichloroethane	3.69	63	122240	18.926	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	77066	18.487	ug/l 99
23) tert-Butyl Alcohol	3.01	59	61269	82.925	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	202984	18.395	ug/l 99
25) Chloroform	5.19	83	125812	19.316	ug/l 93
26) Cyclohexane	5.56	56	105168	18.218	ug/l # 97
29) 1,1-Dichloropropene	5.79	75	88992	19.065	ug/l 99
30) 2-Butanone	4.65	43	228506	84.810	ug/l 99
31) 2,2-Dichloropropane	4.57	77	100392	19.586	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	103106	19.451	ug/l 97
33) Carbon Tetrachloride	5.77	117	88049	18.975	ug/l 97
34) Benzene	6.13	78	278247	19.755	ug/l 97
35) Methacrylonitrile	5.02	41	51097	18.591	ug/l 96
36) 1,2-Dichloroethane	6.18	62	100024	20.062	ug/l 99
37) Trichloroethene	7.20	130	76239	19.278	ug/l 97
38) Methylcyclohexane	7.45	83	108000	18.666	ug/l 98
39) 1,2-Dichloropropane	7.50	63	71870	19.823	ug/l 98
40) Dibromomethane	7.65	93	47592	19.659	ug/l 99

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MMDadoda
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Quant Time: Mar 07 01:23:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	94908	19.846	ug/l	99
42) Vinyl Acetate	3.80	43	933317	98.415	ug/l	99
43) Ethyl Acetate	4.81	43	94690m	19.423	ug/l	
44) Isopropyl Acetate	6.43	43	153481	18.728	ug/l	100
45) 1,4-Dioxane	7.72	88	30173	398.450	ug/l	98
46) Methyl methacrylate	7.76	41	74180	18.296	ug/l	96
47) n-amyl Acetate	10.89	43	129683	18.266	ug/l	97
48) t-1,3-Dichloropropene	9.03	75	99376	18.730	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	111577	19.101	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	71675	19.872	ug/l	97
51) Ethyl methacrylate	9.17	69	100387	18.033	ug/l	98
52) 1,3-Dichloropropane	9.36	76	121440	19.903	ug/l	99
53) Dibromochloromethane	9.57	129	73497	18.847	ug/l	99
54) 1,2-Dibromoethane	9.67	107	74046	19.336	ug/l	99
55) 2-Chloroethyl vinyl ether	8.30	63	306747	103.442	ug/l	99
56) Bromoform	10.85	173	54160	17.717	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	468203	93.199	ug/l	100
59) 2-Hexanone	9.48	43	348902	88.888	ug/l	99
61) Tetrachloroethene	9.33	164	76951	18.690	ug/l	96
62) Toluene	8.78	91	298606	19.018	ug/l	100
64) Chlorobenzene	10.13	112	189595	18.918	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	70284	18.934	ug/l	99
66) Ethyl Benzene	10.25	91	326219	18.861	ug/l	100
67) m/p-Xylenes	10.36	106	253170	37.960	ug/l	100
68) o-Xylene	10.69	106	120657	18.697	ug/l	100
69) Styrene	10.71	104	206345	18.722	ug/l	100
70) Isopropylbenzene	11.01	105	325450	18.986	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	105827	19.175	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	87529m	19.120	ug/l	
73) Bromobenzene	11.25	156	86725	18.724	ug/l	97
74) n-propylbenzene	11.35	91	372638	19.100	ug/l	100
75) 2-Chlorotoluene	11.42	91	222498	19.299	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	274026	19.075	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	30193	16.356	ug/l	96
78) 4-Chlorotoluene	11.51	91	257714	19.325	ug/l	99
79) tert-butylbenzene	11.76	119	261477	18.840	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	269880	18.897	ug/l	99
81) sec-Butylbenzene	11.94	105	318984	19.192	ug/l	100
82) p-Isopropyltoluene	12.06	119	283804	18.380	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	150181	18.497	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	152002	18.591	ug/l	99
85) n-Butylbenzene	12.39	91	246576	18.351	ug/l	100
86) Hexachloroethane	12.59	117	50196	17.984	ug/l	92
87) 1,2-Dichlorobenzene	12.39	146	150519	18.630	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	20265	16.860	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	102781	17.690	ug/l	98
90) Hexachlorobutadiene	13.78	225	53268	18.461	ug/l	95
91) Naphthalene	13.83	128	286122	17.394	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	106424	18.449	ug/l	98

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VSTDCCC020EC

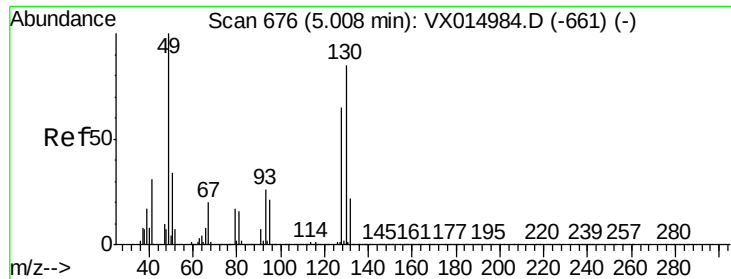
Manual Integrations
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3/9/2020 9:36:16 AM

Quant Time: Mar 07 01:23:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

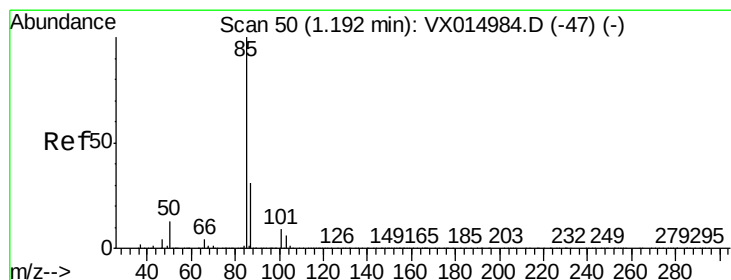
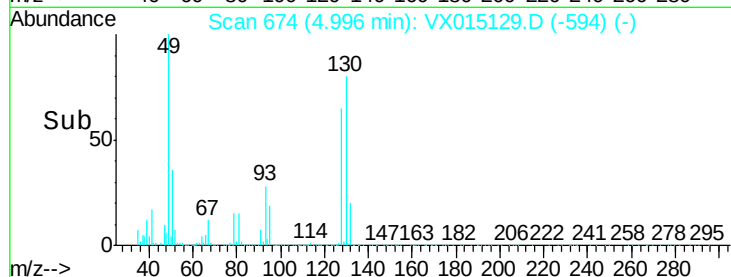
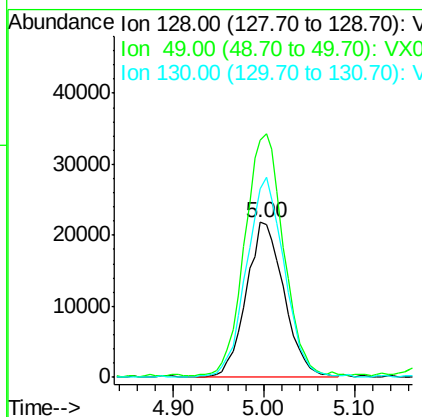
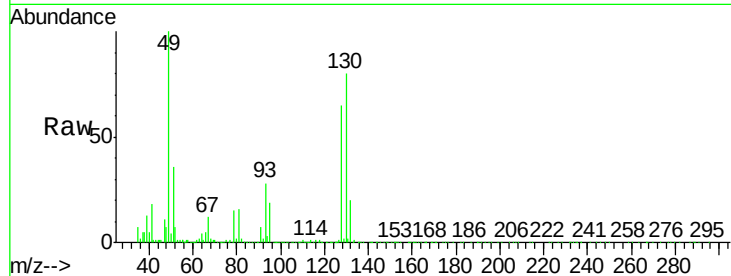
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	63092
Ion	Ratio	Lower	Upper
128	100		
49	157.4	0.0	384.7
130	127.9	0.0	330.8

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#2

Dichlorodifluoromethane

Concen: 16.759 ug/l

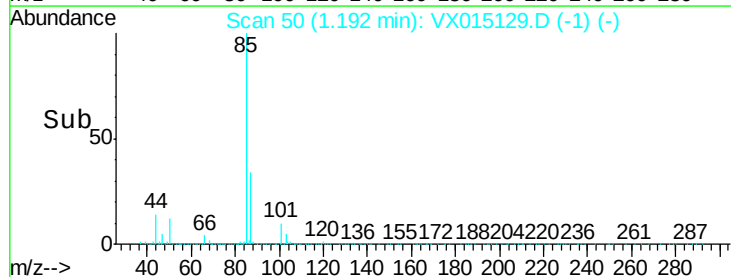
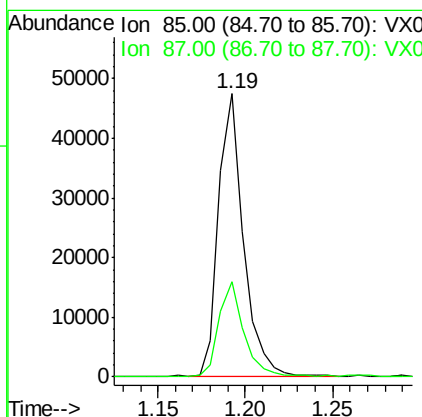
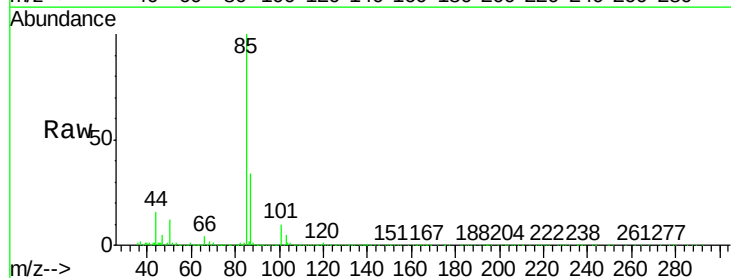
RT: 1.19 min Scan# 50

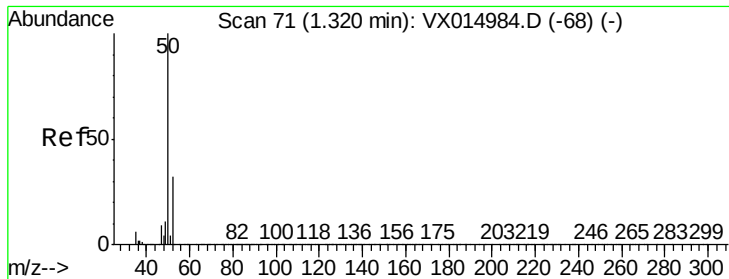
Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	85	Resp:	47217
Ion	Ratio	Lower	Upper
85	100		
87	33.5	15.3	45.9





#3

Chloromethane

Concen: 20.006 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 72881

Ion Ratio Lower Upper

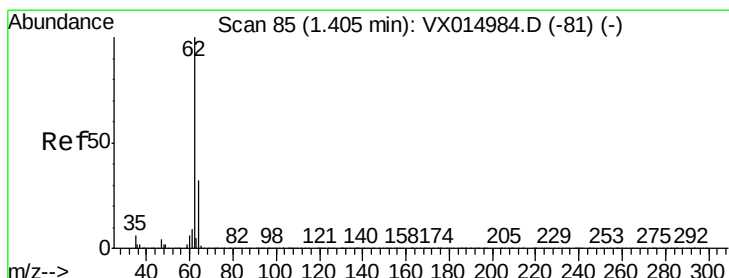
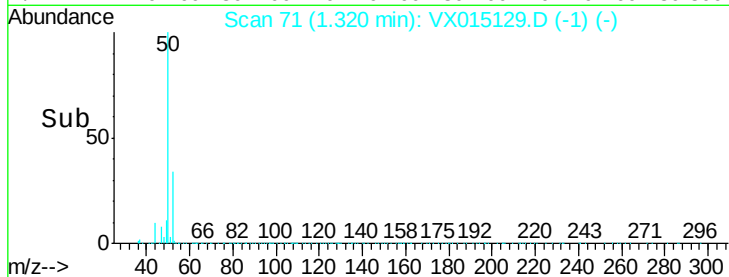
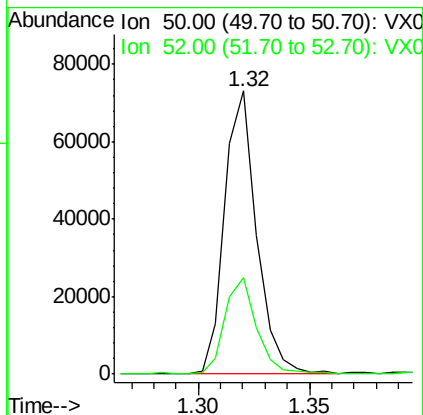
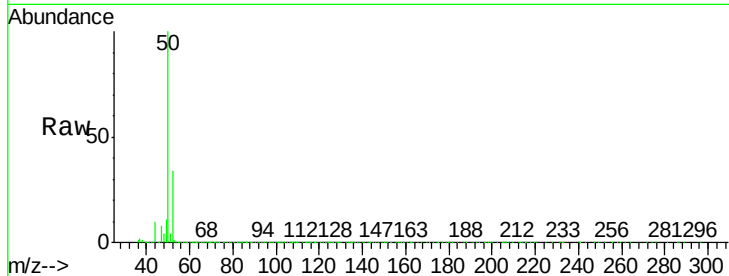
50 100

52 33.9 25.4 38.0

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#4

Vinyl Chloride

Concen: 19.161 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.01 min

Lab File: VX015129.D

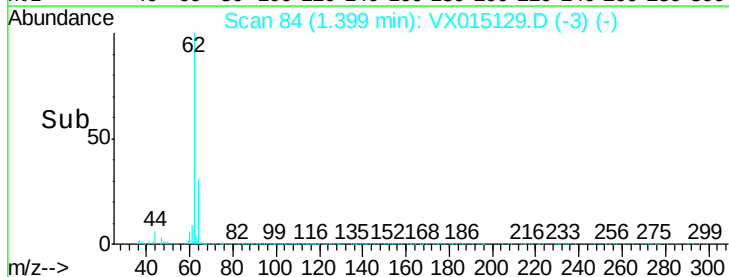
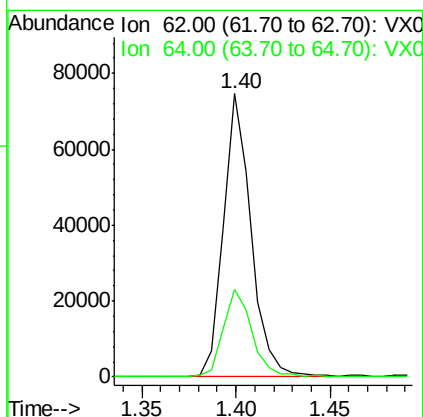
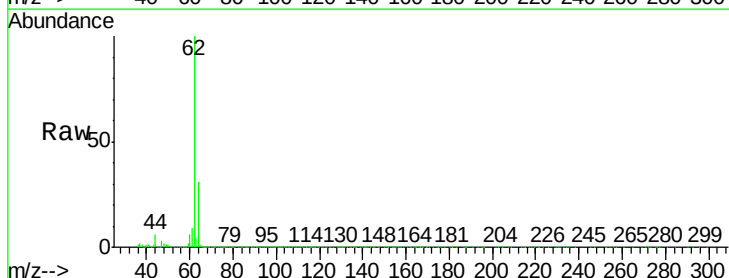
Acq: 06 Mar 2020 16:20

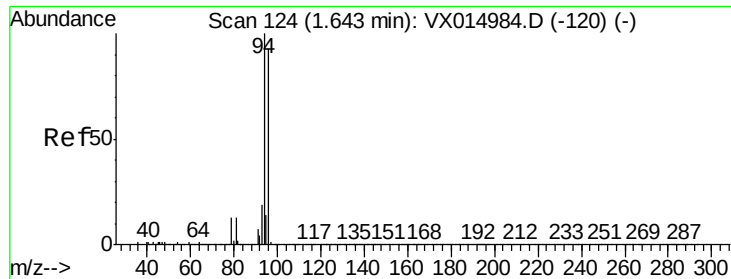
Tgt Ion: 62 Resp: 75124

Ion Ratio Lower Upper

62 100

64 30.7 25.4 38.0





#5

Bromomethane

Concen: 16.758 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 46012

Ion Ratio Lower Upper

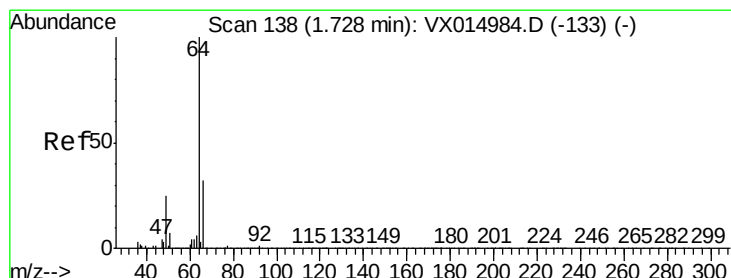
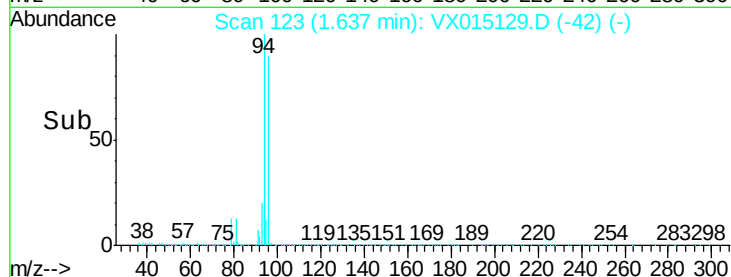
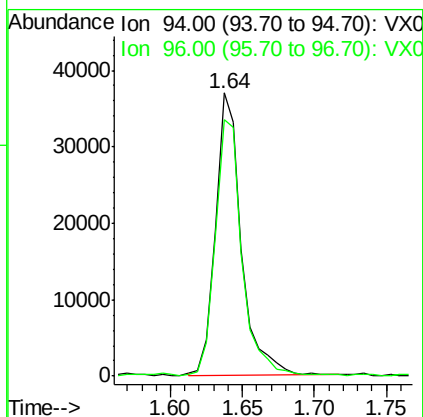
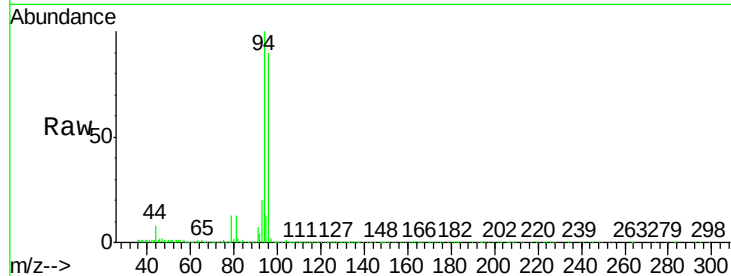
94 100

96 90.3 74.6 112.0

Manual Integrations
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#6

Chloroethane

Concen: 18.233 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015129.D

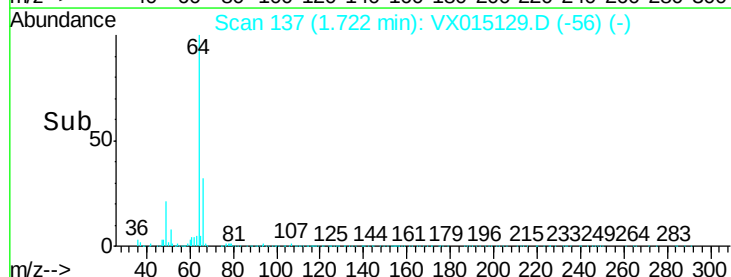
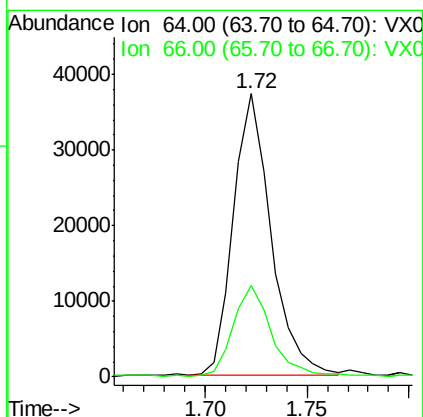
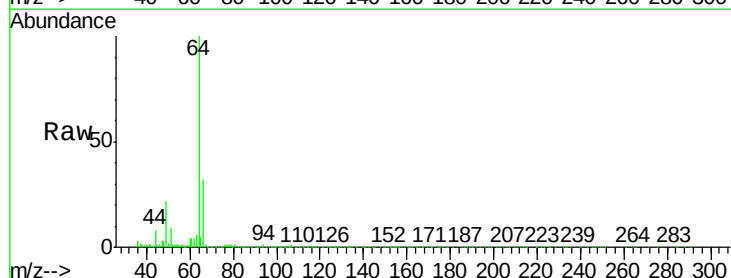
Acq: 06 Mar 2020 16:20

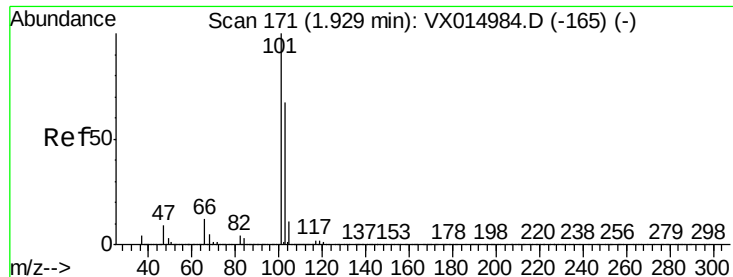
Tgt Ion: 64 Resp: 47886

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6





#7

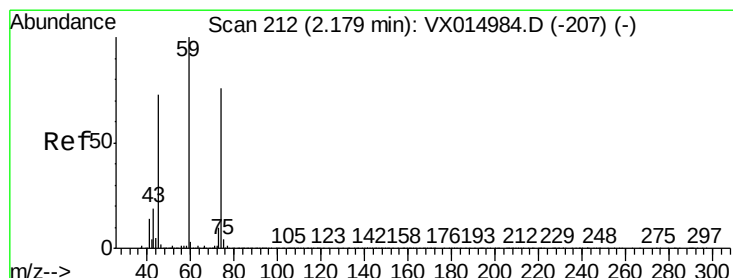
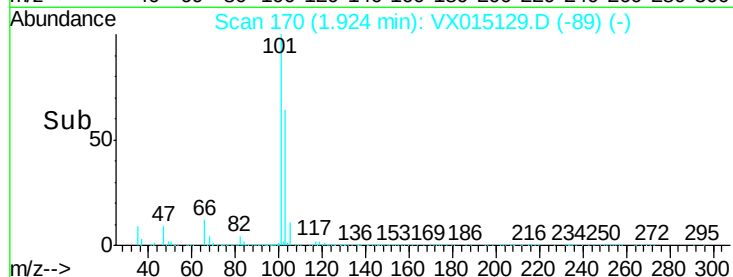
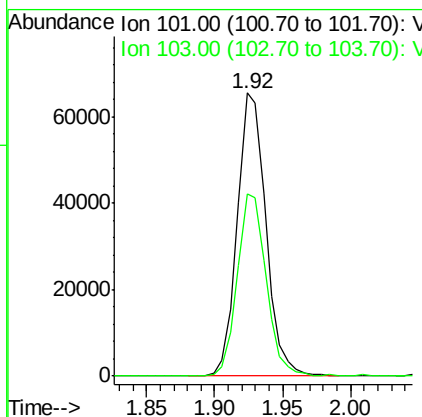
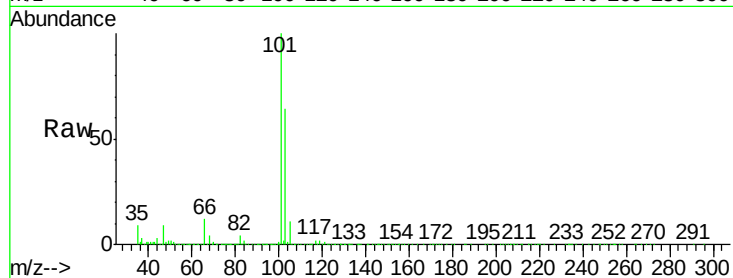
Trichlorofluoromethane
 Concen: 16.836 ug/l
 RT: 1.92 min Scan# 170
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
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 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	53.4	80.2

Manual Integrations
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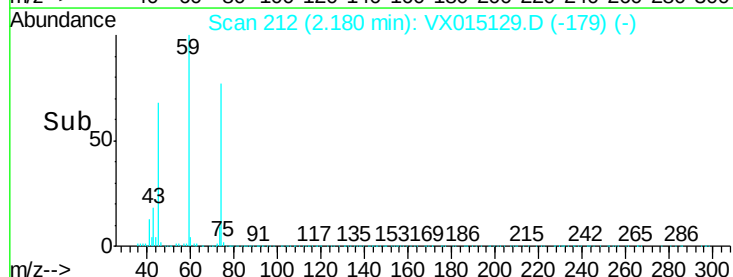
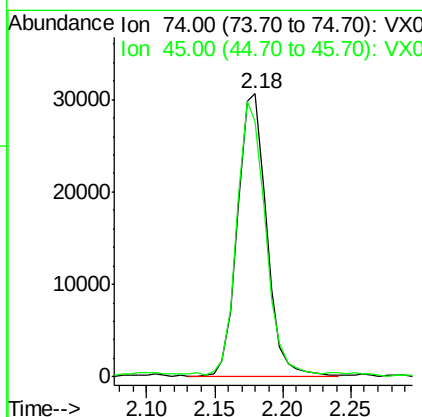
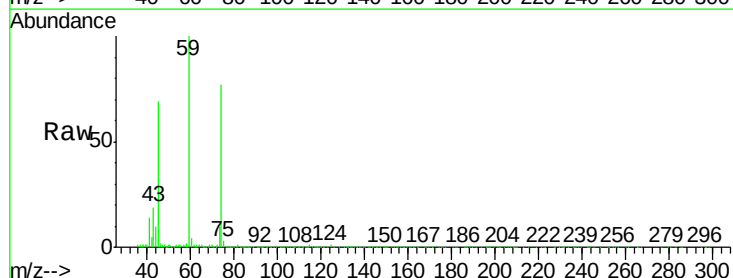
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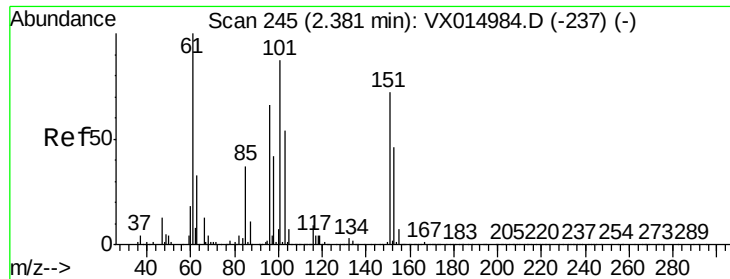


#8

Diethyl Ether
 Concen: 19.099 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.1	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.099 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

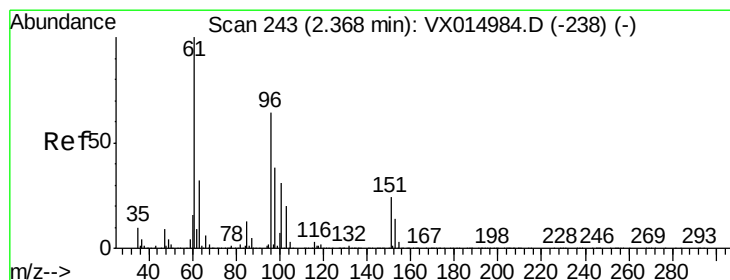
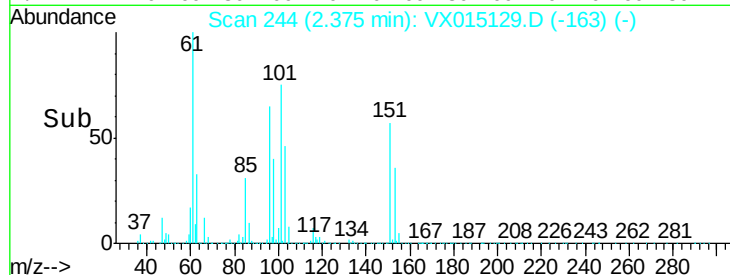
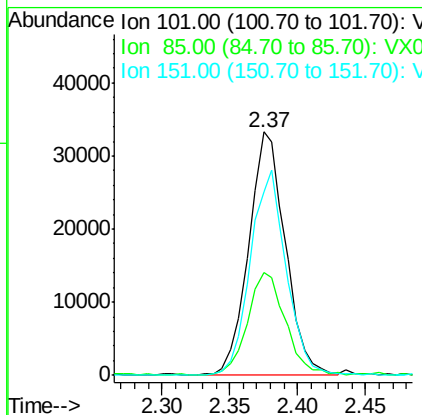
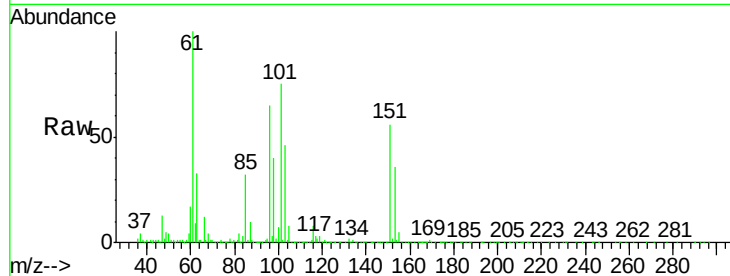
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	63009
Ion Ratio	Lower	Upper	
101	100		
85	42.6	0.0	86.6
151	82.3	0.0	167.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.337 ug/l

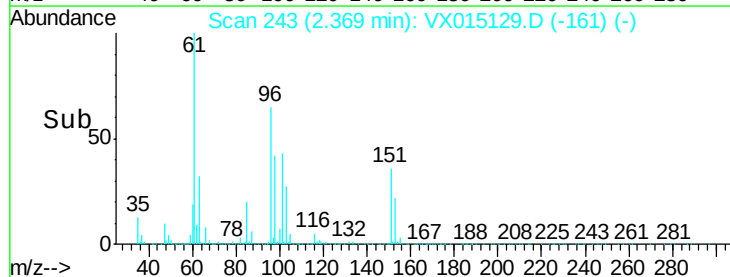
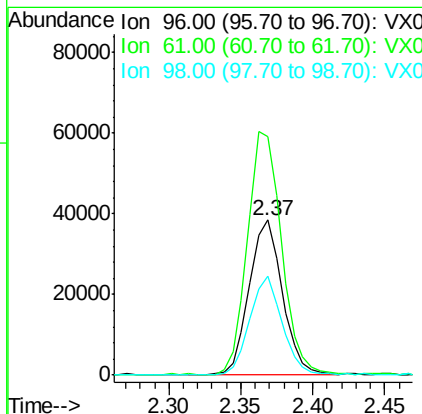
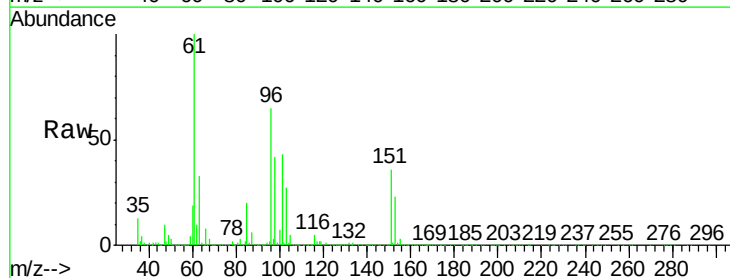
RT: 2.37 min Scan# 243

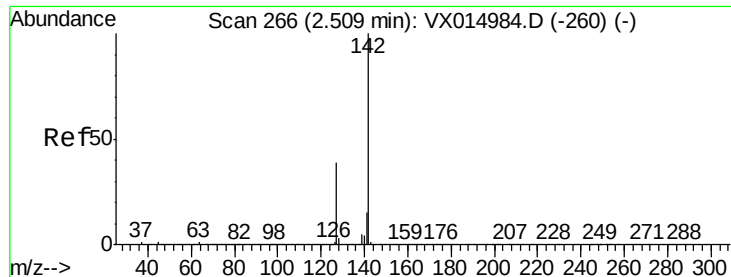
Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	96	Resp:	60818
Ion Ratio	Lower	Upper	
96	100		
61	153.3	126.1	189.1
98	64.0	48.2	72.2





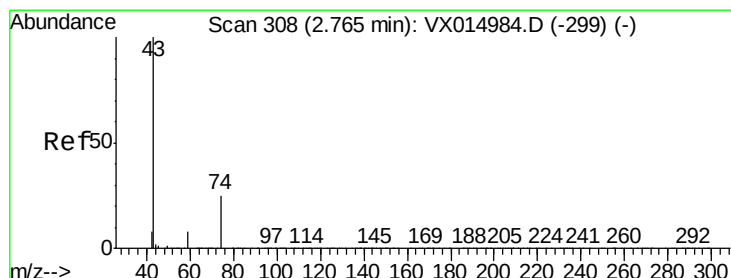
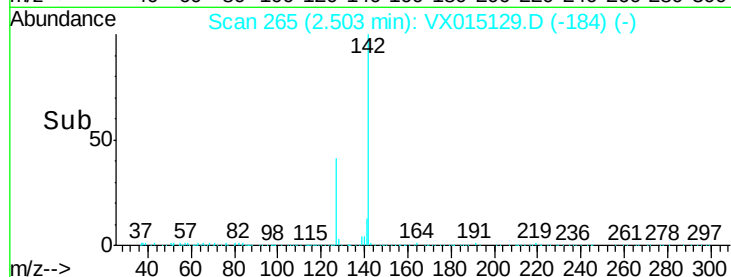
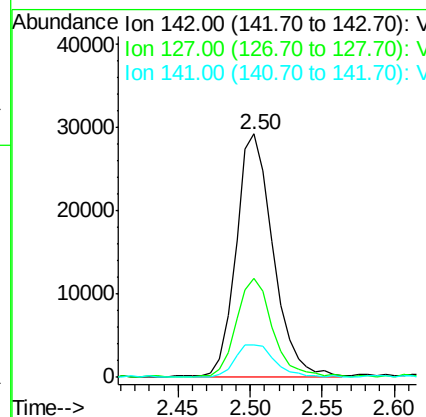
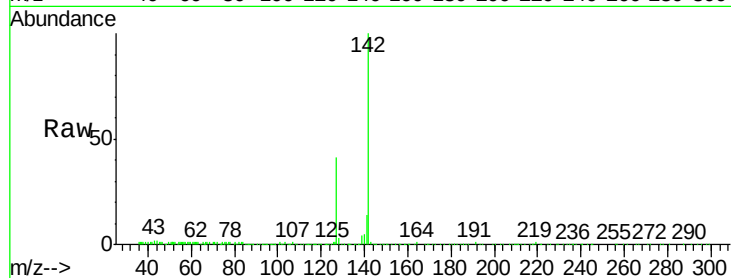
#11
Methvl Iodide
Concen: 12.923 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	142	Resp:	52081
Ion Ratio	Lower	Upper	
142	100		
127	40.5	19.7	59.0
141	13.5	7.4	22.2

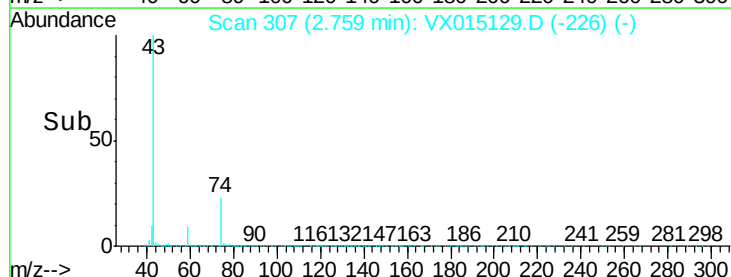
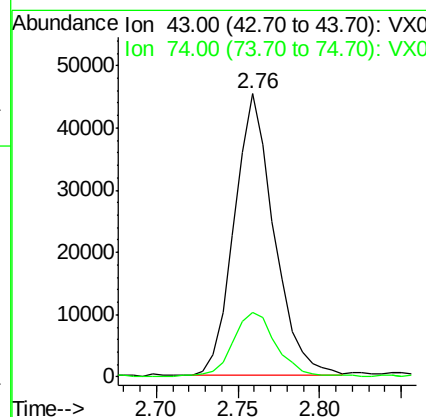
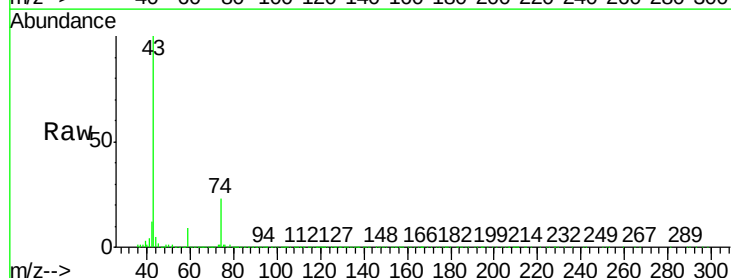
Manual Integrations
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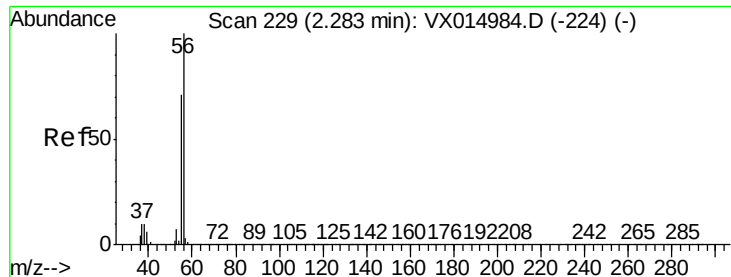
MMDadoda
3/9/2020 9:36:16 AM



#12
Methyl Acetate
Concen: 18.600 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:	43	Resp:	76766
Ion Ratio	Lower	Upper	
43	100		
74	22.2	19.8	29.8





#13

Acrolein

Concen: 99.518 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 81686

Ion Ratio Lower Upper

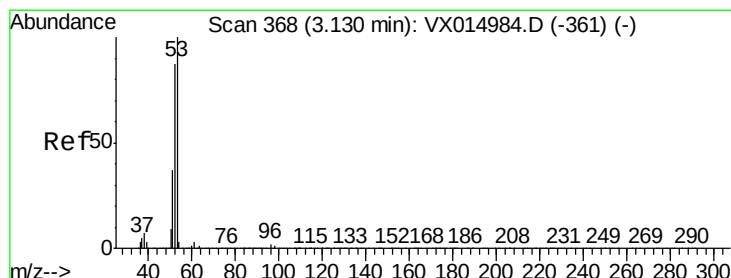
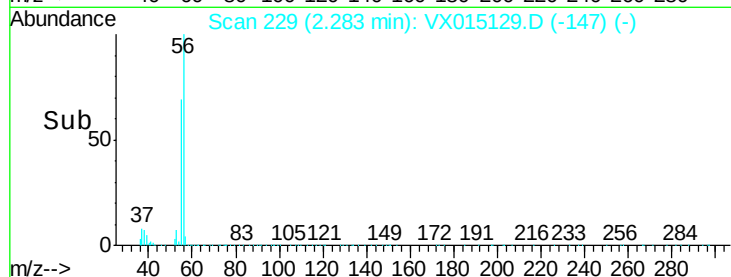
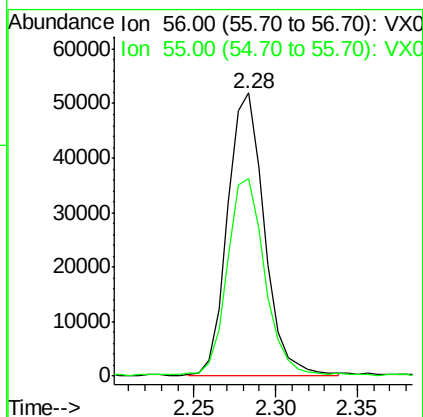
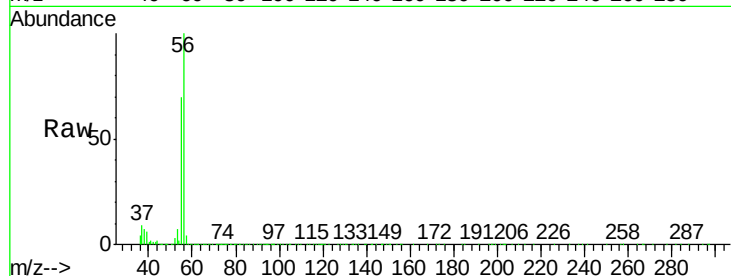
56 100

55 68.6 56.2 84.2

Manual Integrations
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#14

Acrylonitrile

Concen: 92.160 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

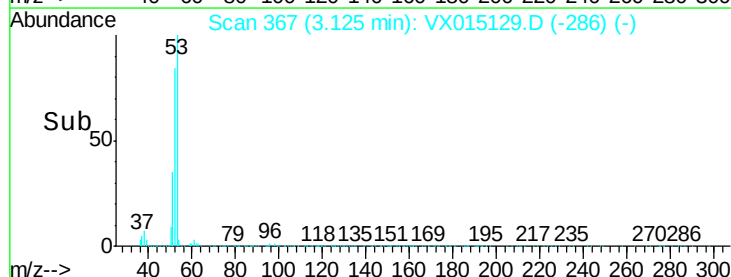
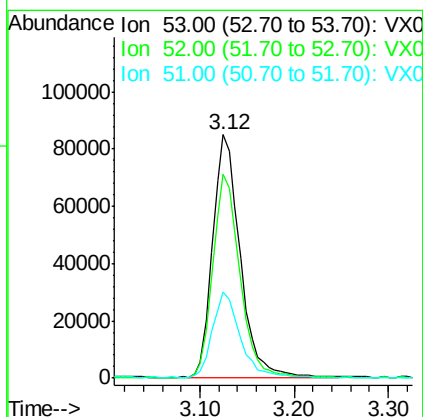
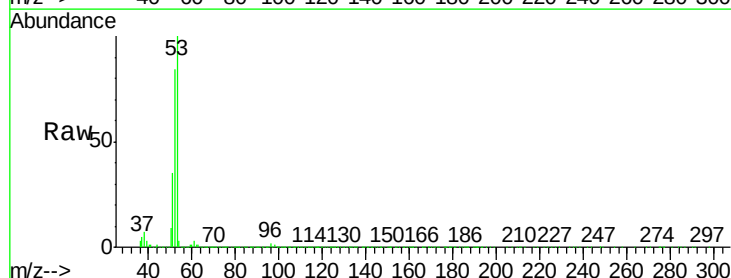
Tgt Ion: 53 Resp: 171775

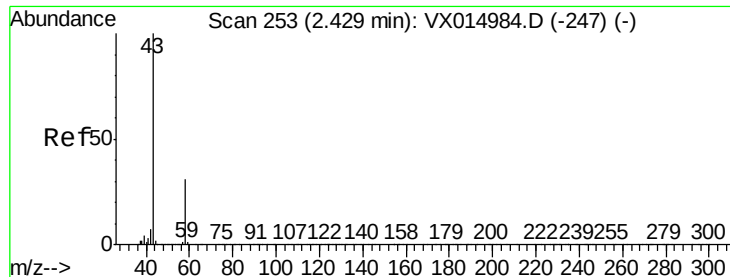
Ion Ratio Lower Upper

53 100

52 82.0 41.5 124.6

51 35.9 18.1 54.4





#15

Acetone

Concen: 65.241 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 43518

Ion Ratio Lower Upper

58 100

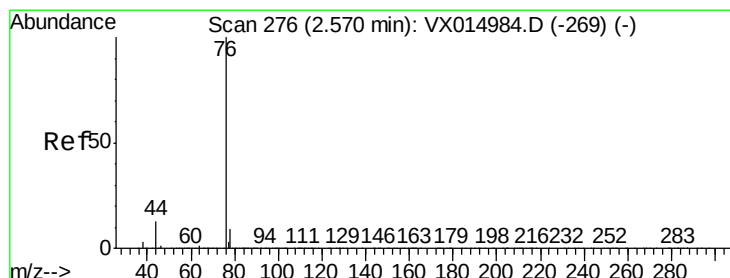
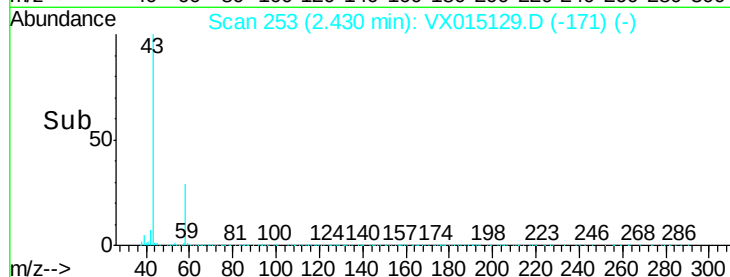
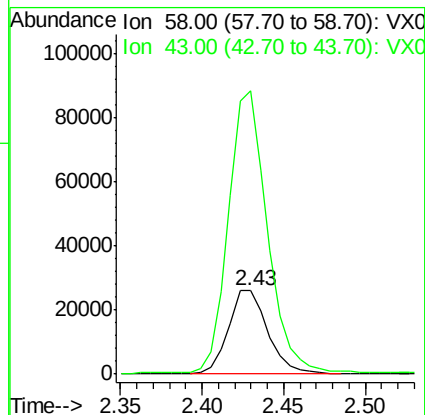
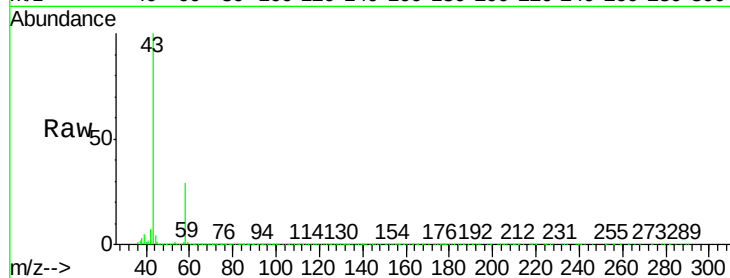
43 339.3 257.7 386.5

Manual Integrations

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#16

Carbon Disulfide

Concen: 16.677 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015129.D

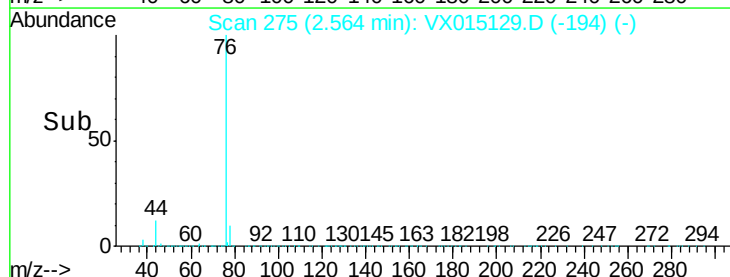
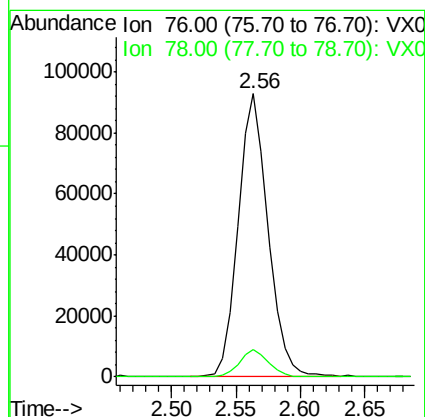
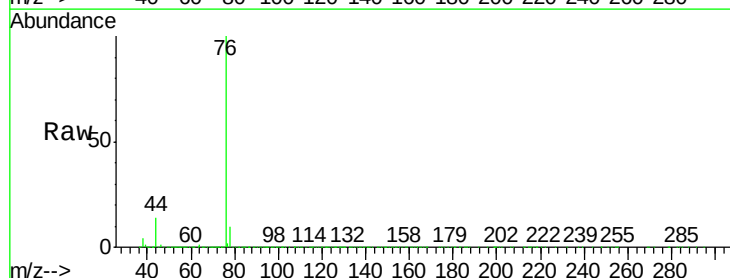
Acq: 06 Mar 2020 16:20

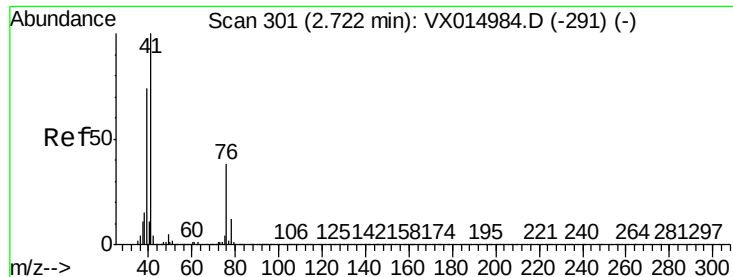
Tgt Ion: 76 Resp: 148716

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7





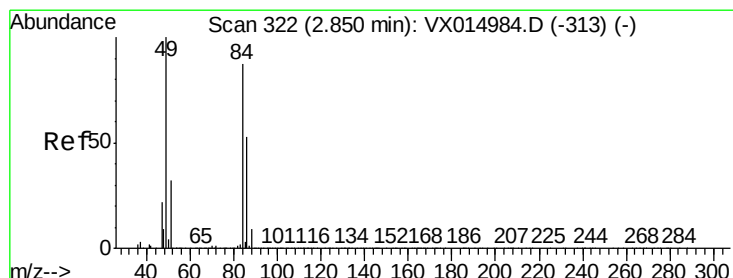
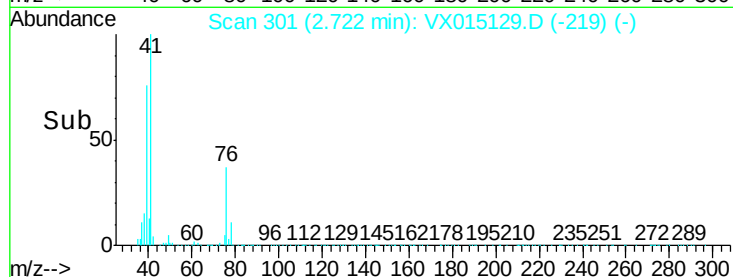
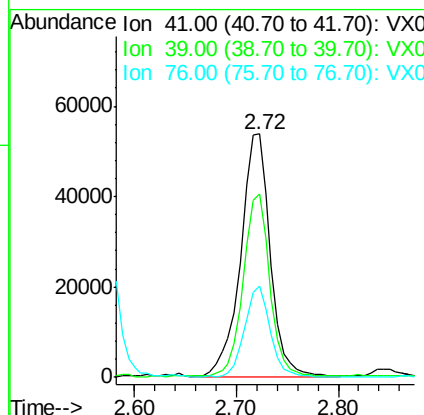
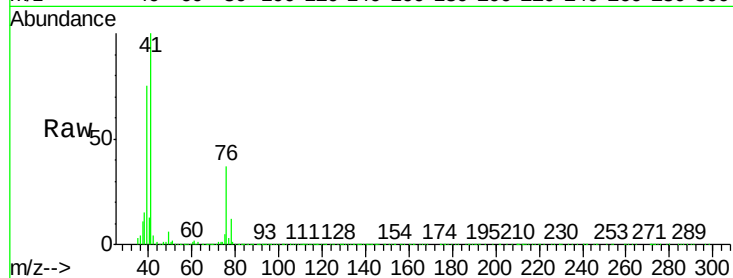
#17
Allvl chloride
Concen: 18.809 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	108515
Ion Ratio		Lower	Upper
41	100		
39	75.0	37.1	111.5
76	37.5	18.8	56.4

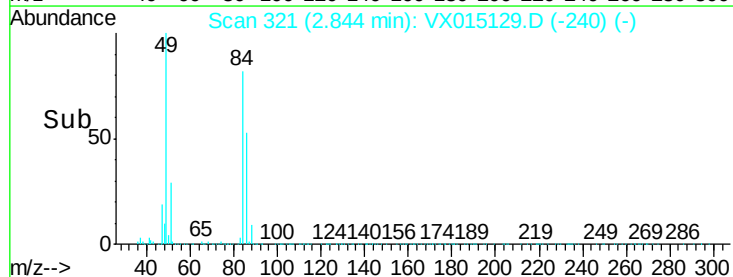
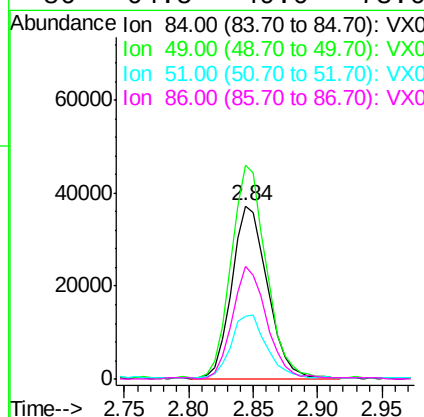
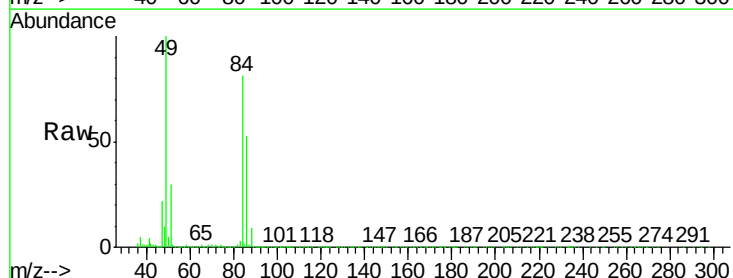
Manual Integrations
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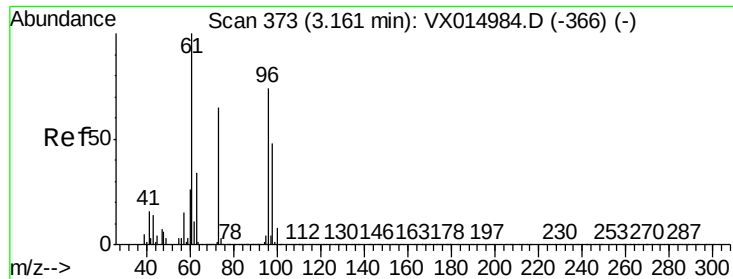
MMDadoda
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#18
Methylene Chloride
Concen: 18.833 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:	84	Resp:	71967
Ion Ratio		Lower	Upper
84	100		
49	123.0	92.2	138.2
51	35.9	29.7	44.5
86	64.5	49.0	73.6





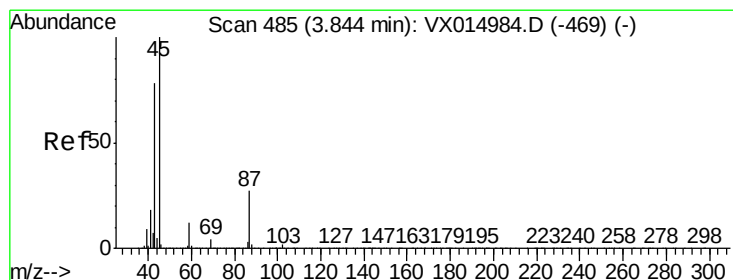
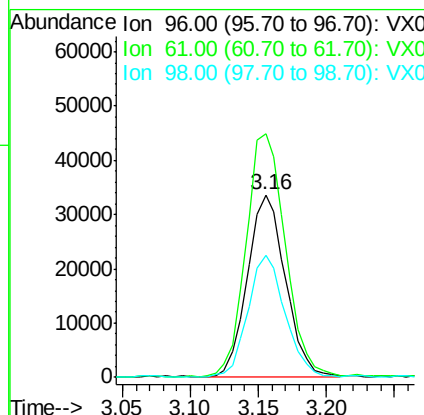
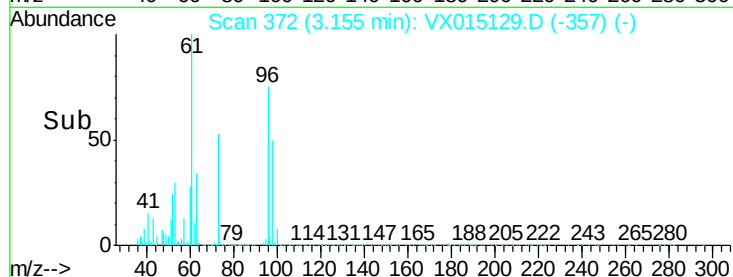
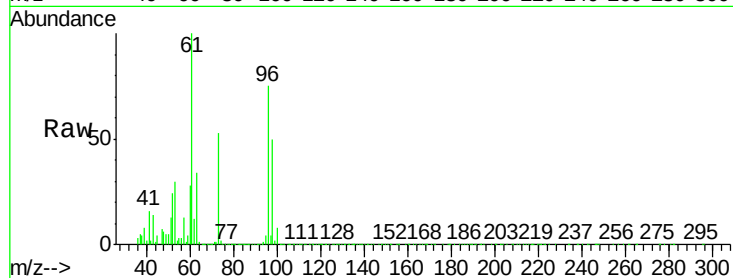
#19
trans-1,2-Dichloroethene
Concen: 18.177 ug/l
RT: 3.16 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	133.1	107.1	160.7	
98	66.6	51.4	77.2	

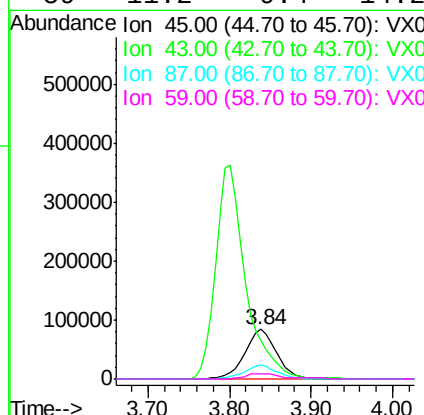
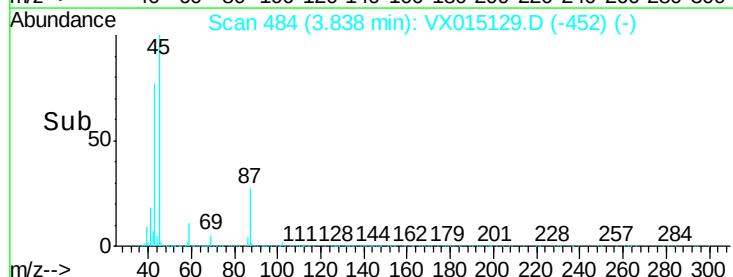
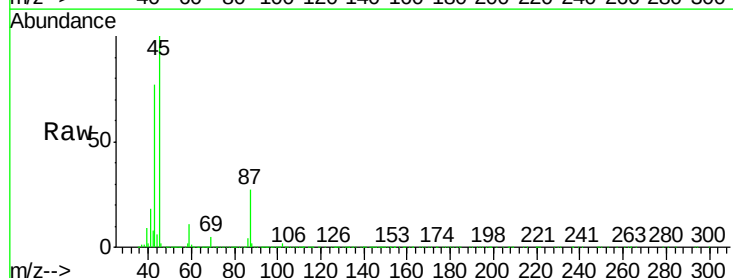
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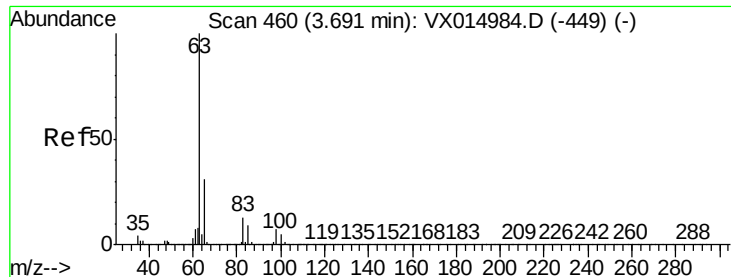
MMDadoda
3/9/2020 9:36:16 AM



#20
Diisopropyl ether
Concen: 19.254 ug/l
RT: 3.84 min Scan# 484
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ion	Ratio	Lower	Upper
45	100			
43	75.6	62.3	93.5	
87	27.1	21.8	32.6	
59	11.2	9.4	14.2	





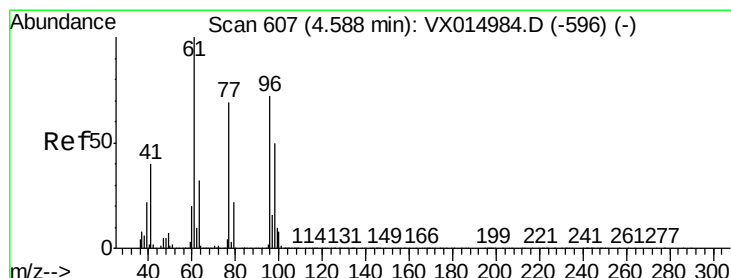
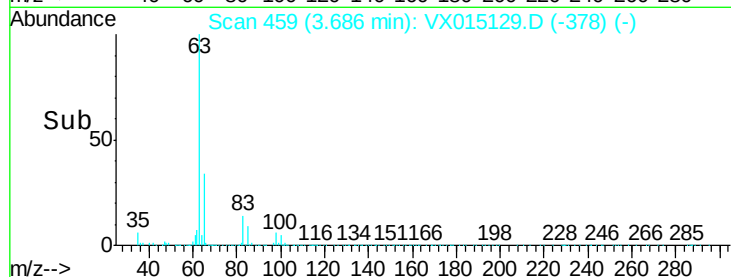
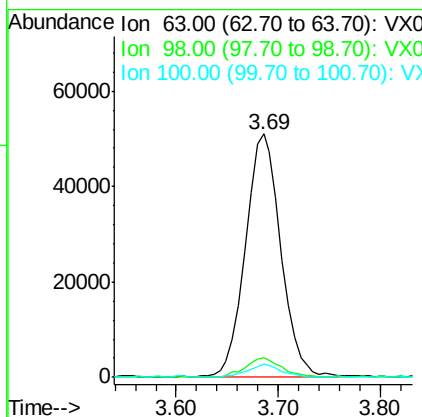
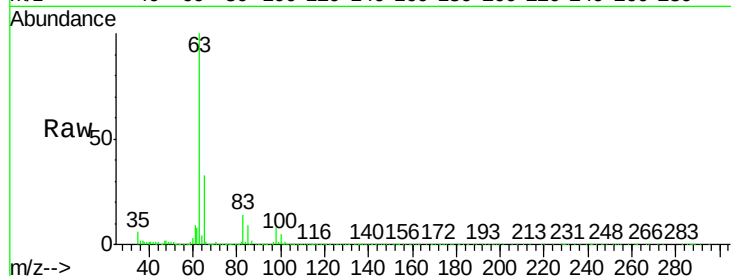
#21
1,1-Dichloroethane
Concen: 18.926 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
98	8.2	3.5	10.5
100	4.9	2.5	7.5

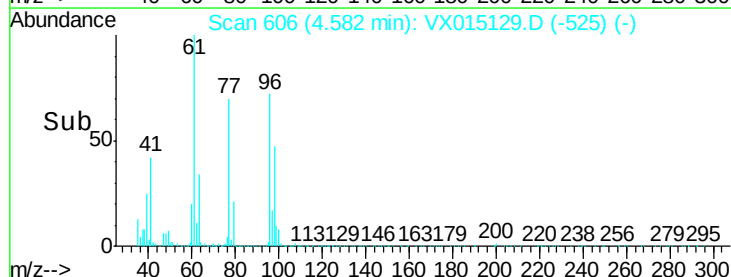
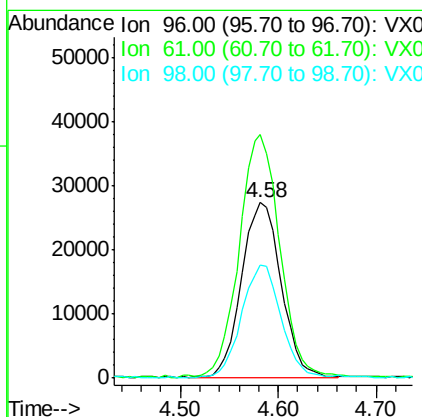
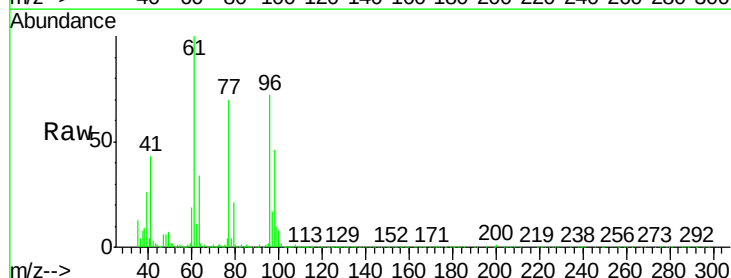
Manual Integrations
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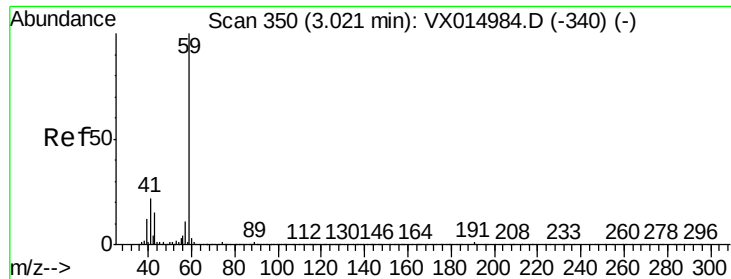
MMDadoda
3/9/2020 9:36:16 AM



#22
cis-1,2-Dichloroethene
Concen: 18.487 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.3	110.6	165.8
98	63.6	50.4	75.6





#23

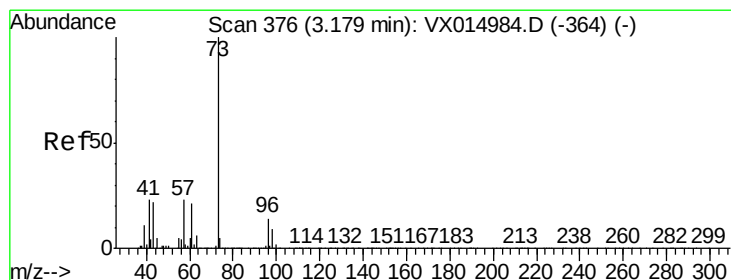
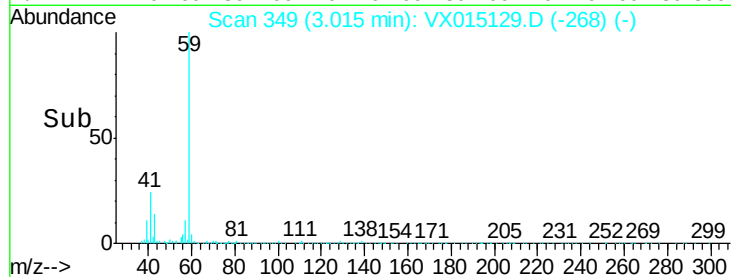
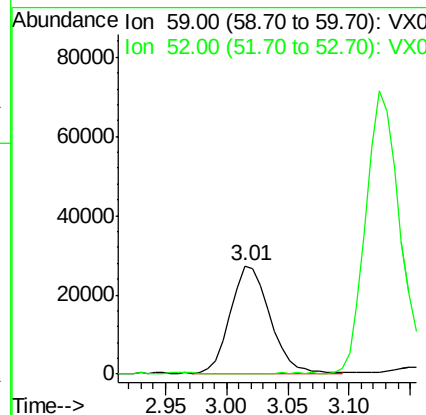
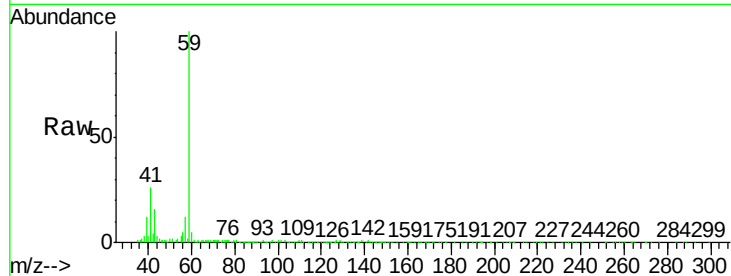
tert-Butyl Alcohol
Concen: 82.925 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

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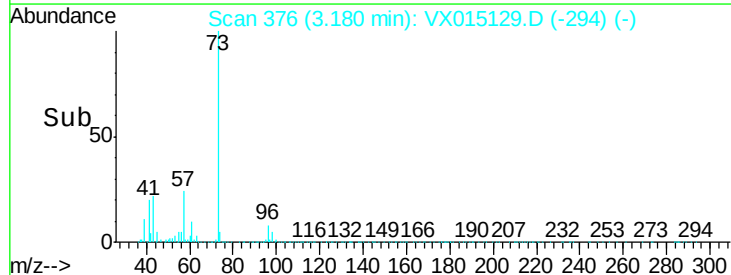
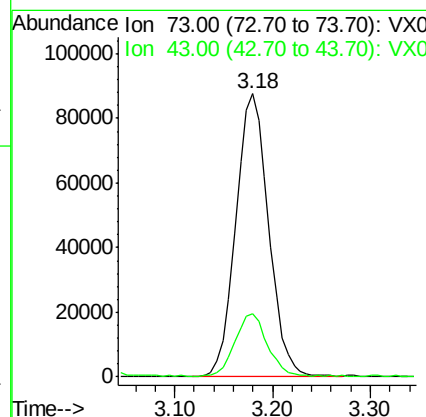
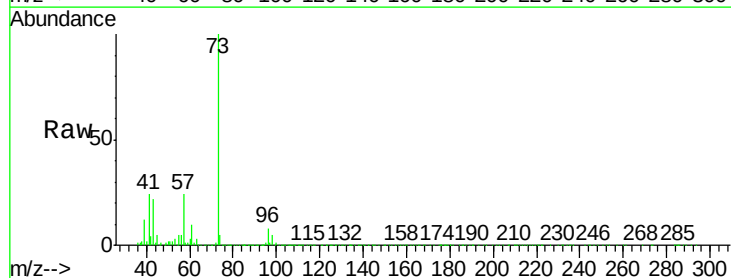
MMDadoda
3/9/2020 9:36:16 AM

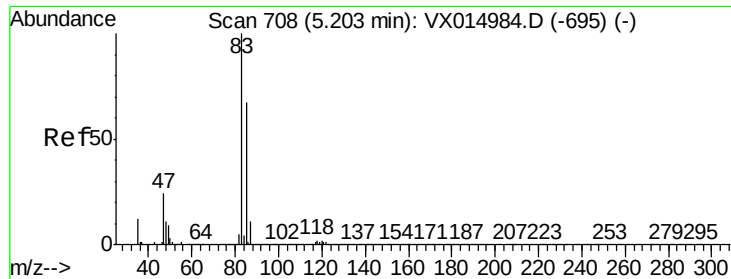


#24

Methyl tert-Butyl Ether
Concen: 18.395 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.7	17.7	26.5





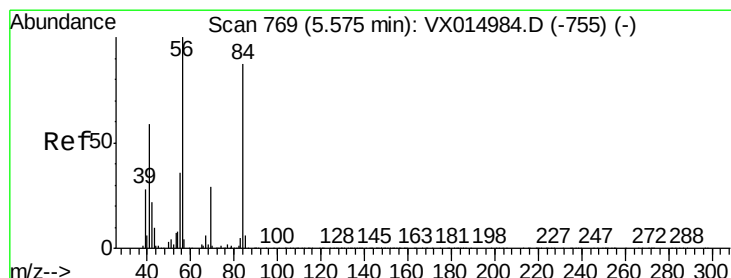
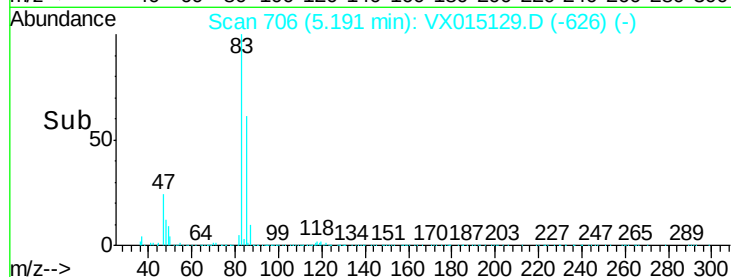
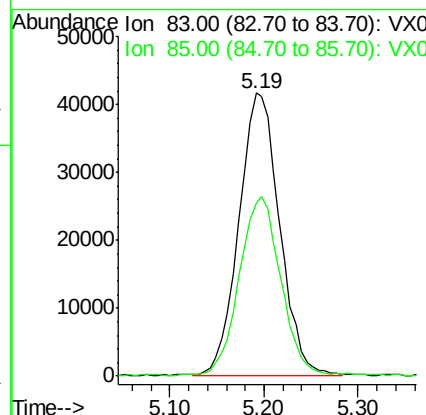
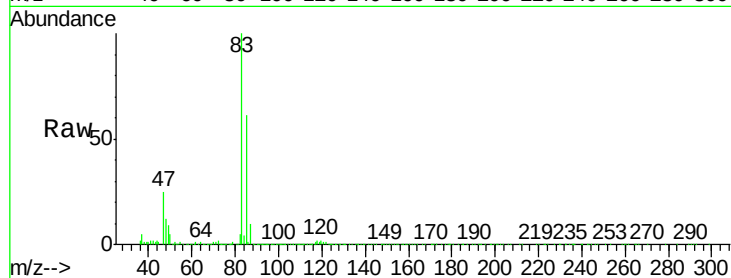
#25
Chloroform
Concen: 19.316 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	60.7	53.4	80.0

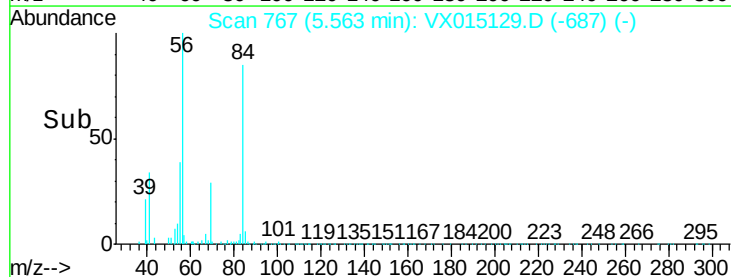
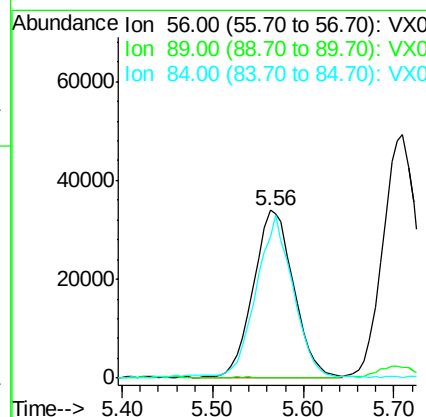
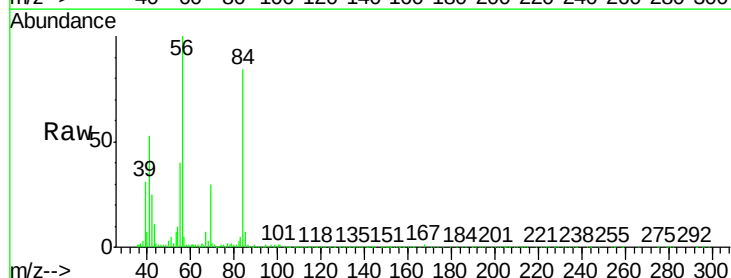
Manual Integrations
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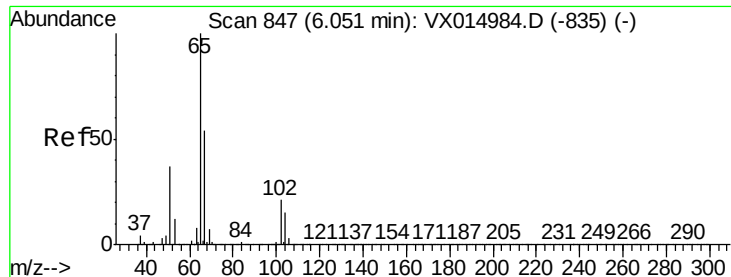
MMDadoda
3/9/2020 9:36:16 AM



#26
Cyclohexane
Concen: 18.218 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.1	0.2	0.2#
84	87.3	71.8	107.8





#27

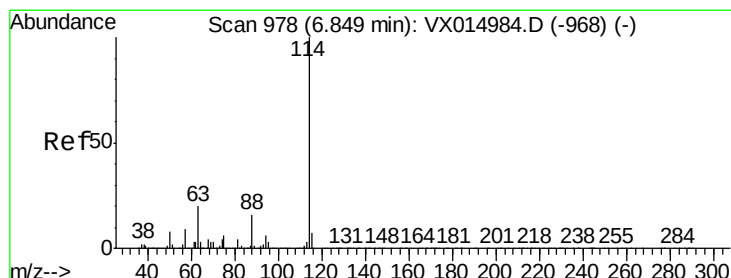
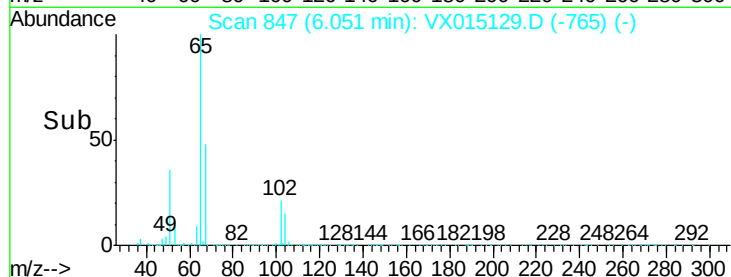
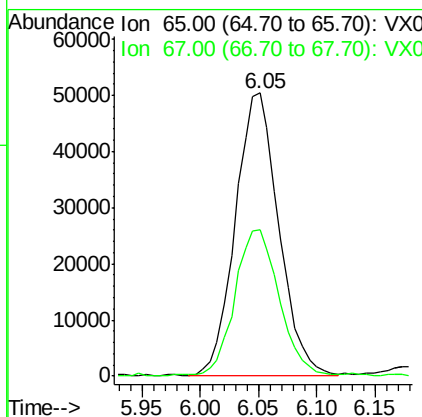
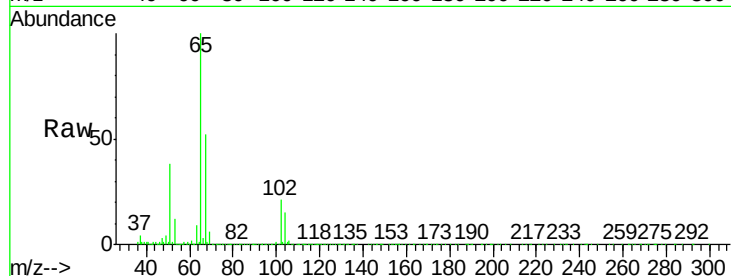
1,2-Dichloroethane-d4
Concen: 29.673 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	41.9	62.9

Manual Integrations
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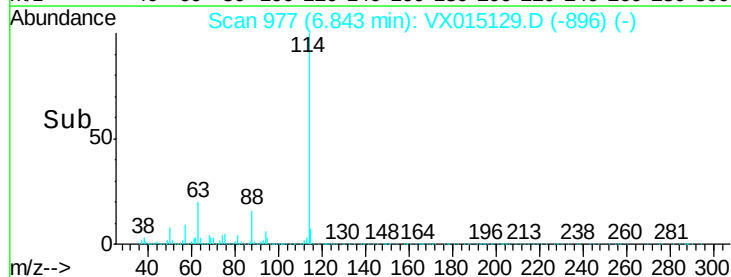
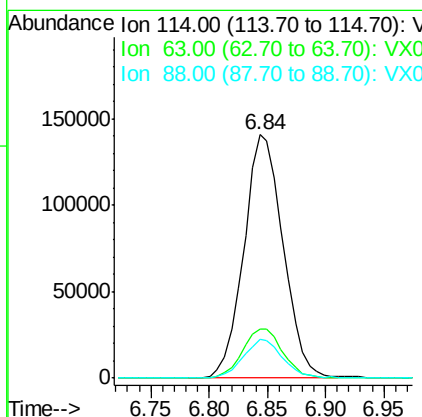
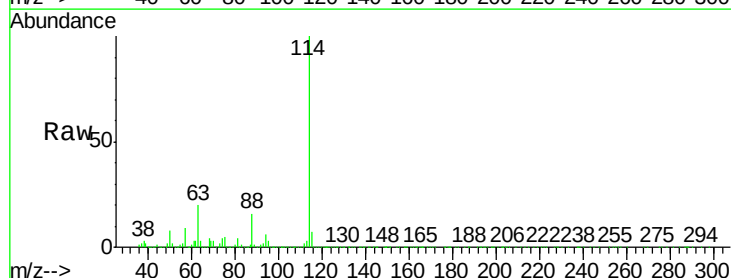
MMDadoda
3/9/2020 9:36:16 AM

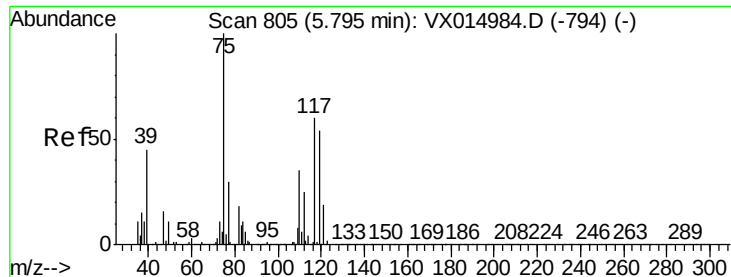


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.84 min Scan# 977
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	15.6	23.4
88	15.9	12.2	18.2





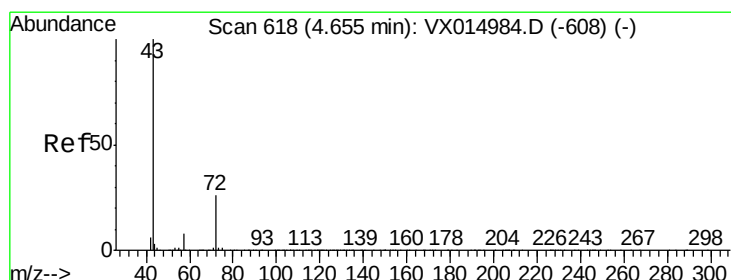
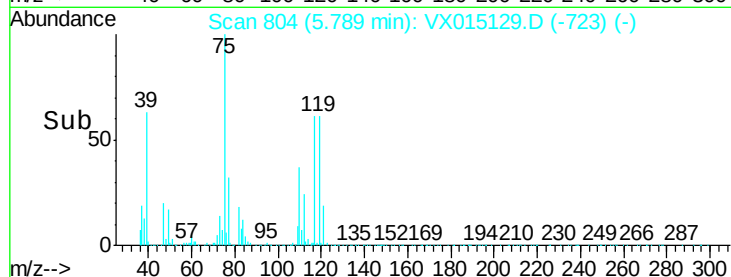
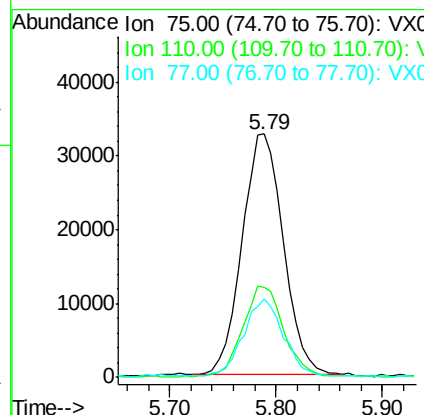
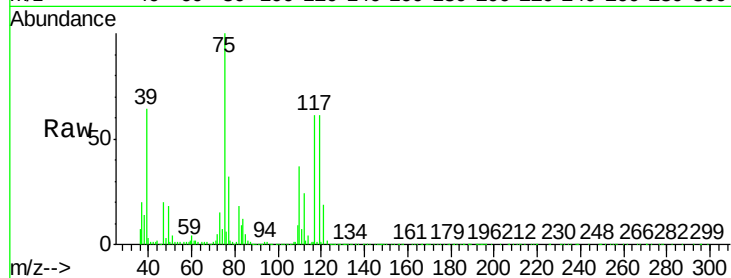
#29
1,1-Dichloropropene
Concen: 19.065 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.4	0.0	75.0
77	31.5	0.0	64.0

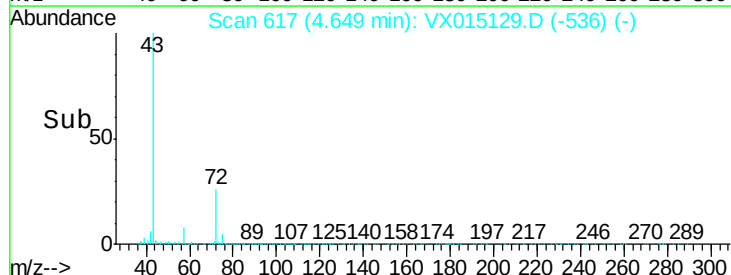
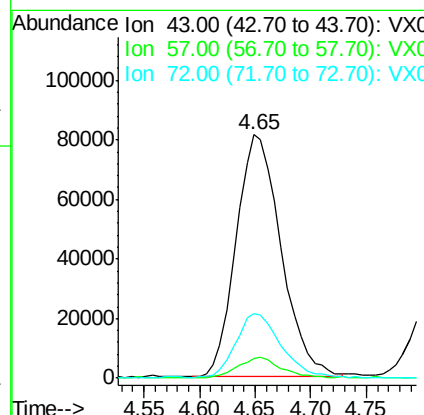
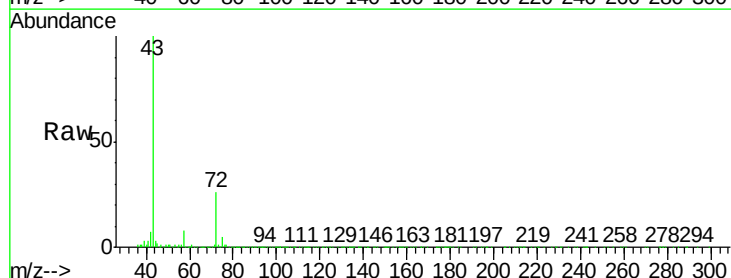
Manual Integrations
APPROVED

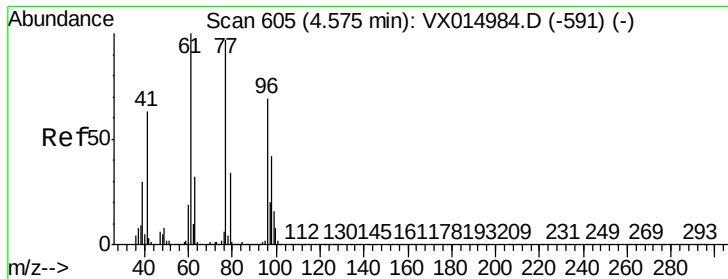
MMDadoda
3/9/2020 9:36:16 AM



#30
2-Butanone
Concen: 84.810 ug/l
RT: 4.65 min Scan# 617
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.5	9.7
72	26.0	20.3	30.5





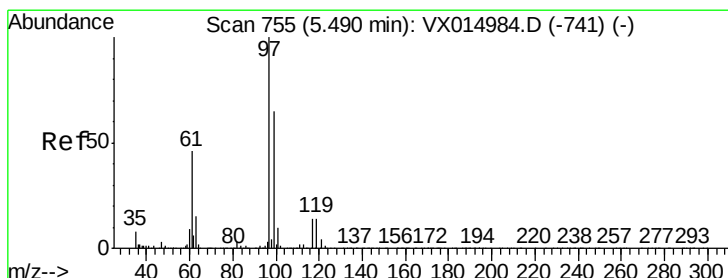
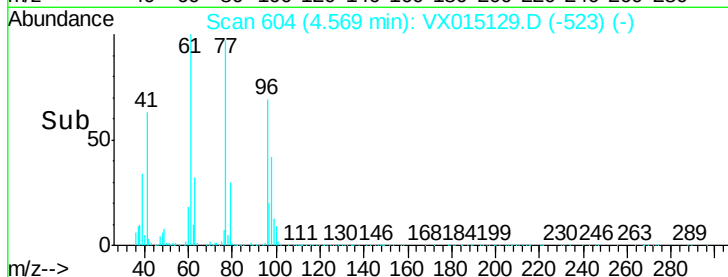
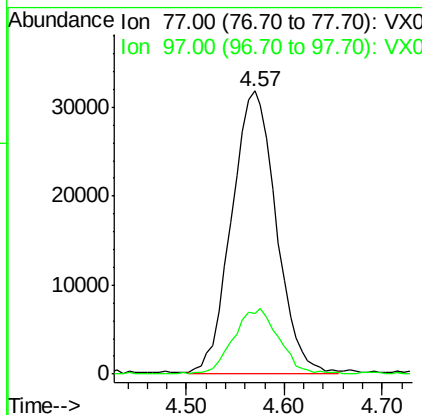
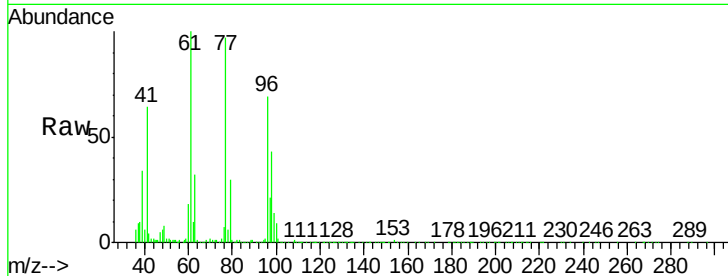
#31
 2,2-Dichloropropane
 Concen: 19.586 ug/l
 RT: 4.57 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.7	18.4	27.6

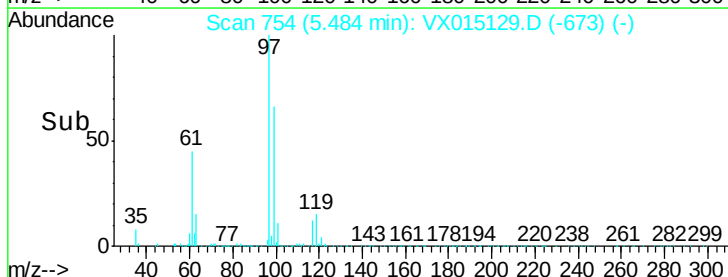
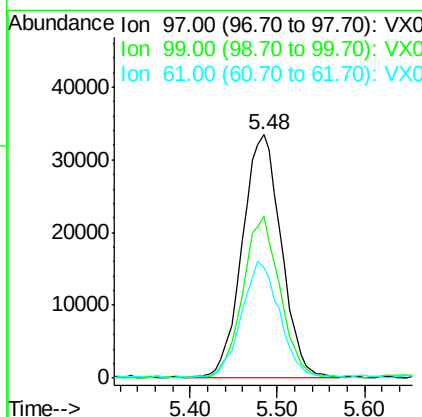
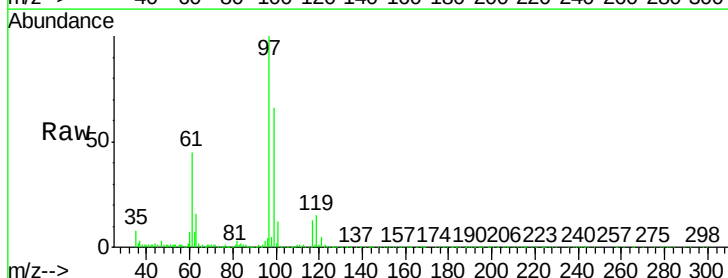
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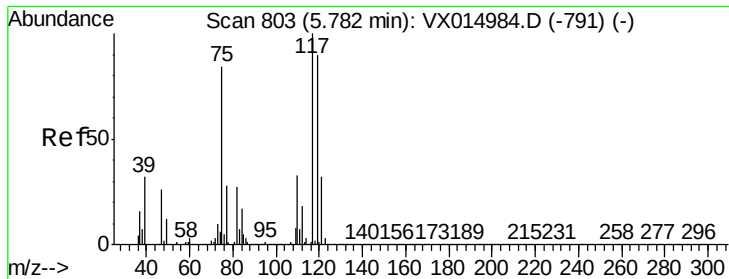
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 3/9/2020 9:36:16 AM



#32
 1,1,1-Trichloroethane
 Concen: 19.451 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	53.0	79.6
61	45.9	36.2	54.2





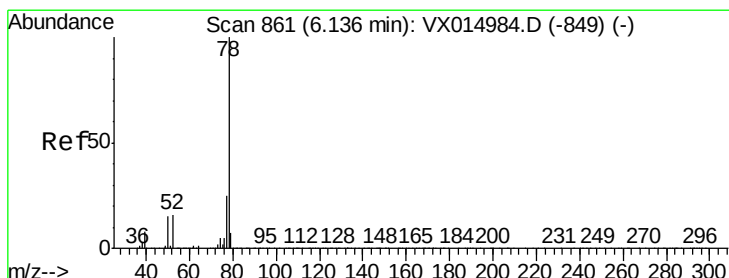
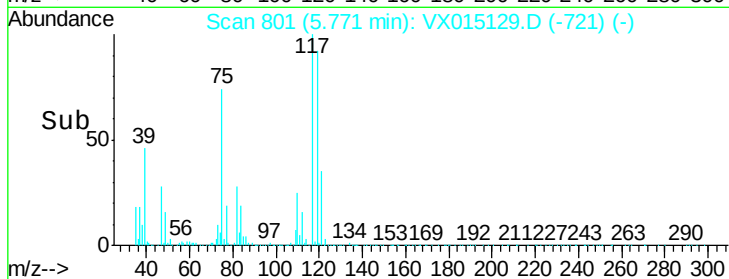
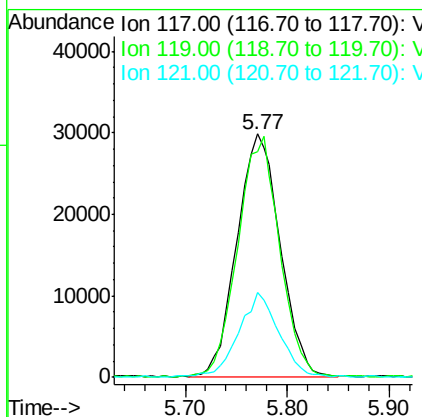
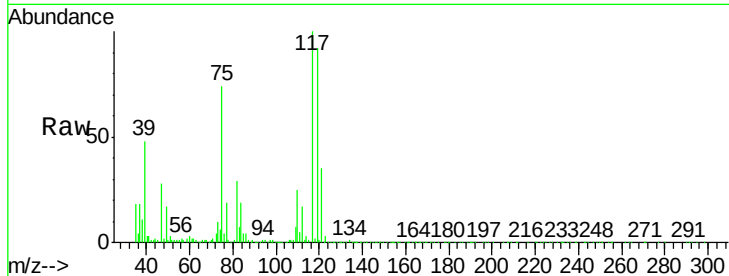
#33
Carbon Tetrachloride
Concen: 18.975 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	92.3	71.9	107.9
121	34.7	25.4	38.2

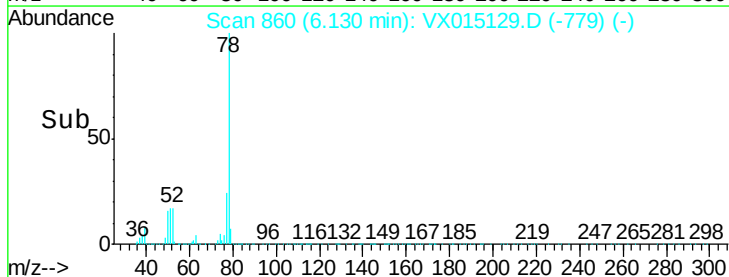
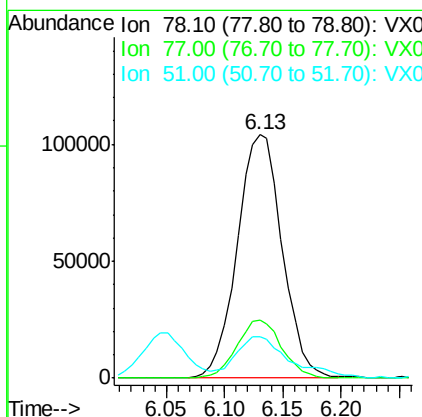
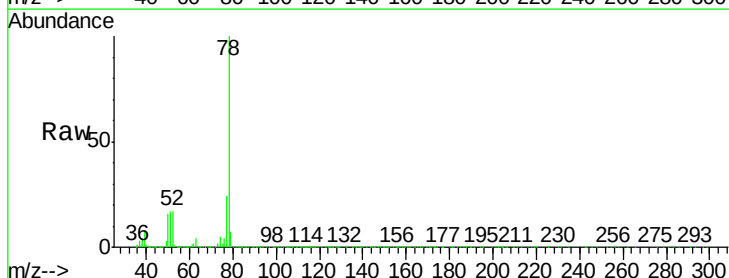
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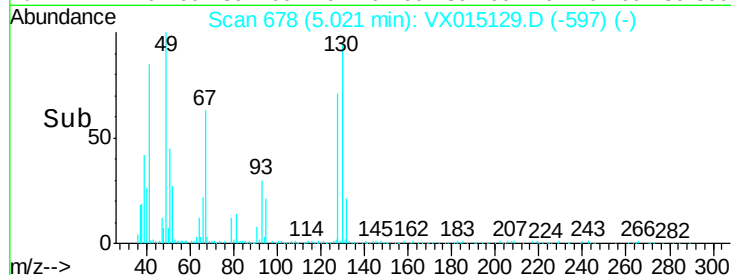
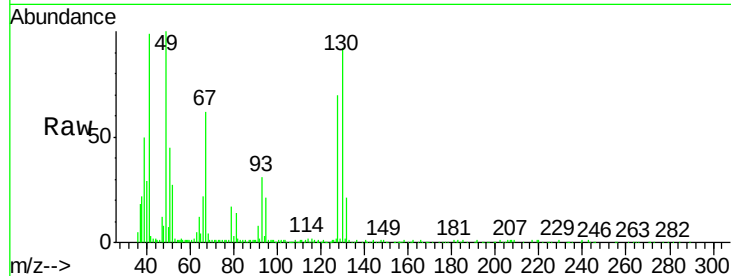
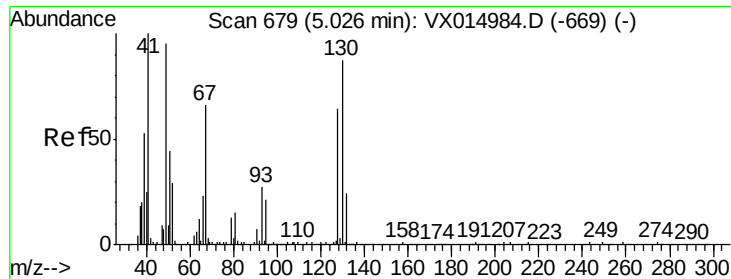
MMDadoda
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#34
Benzene
Concen: 19.755 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

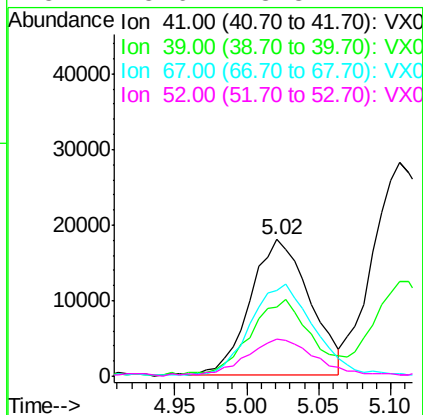
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.0	30.0
51	15.3	13.3	19.9





#35
Methacrylonitrile
Concen: 18.591 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

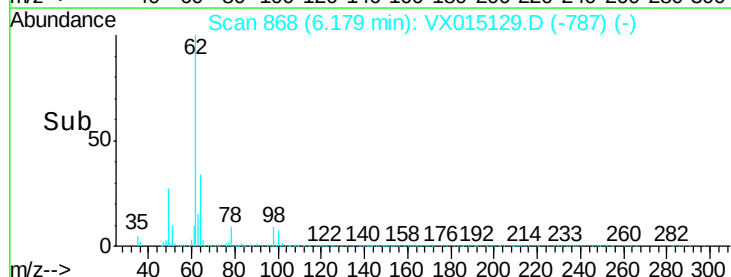
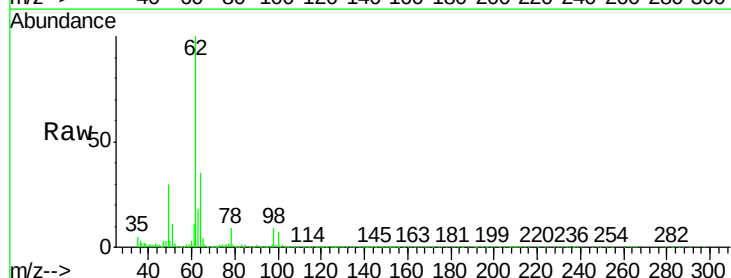
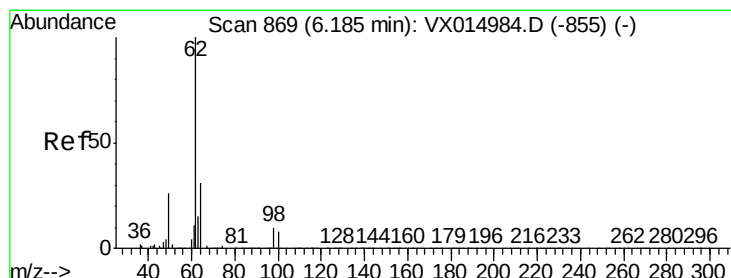
Tot Ion	41	Resp	51097
Ion Ratio	Lower	Upper	
41	100		
39	48.7	25.9	77.7
67	63.1	32.7	98.1
52	25.6	13.8	41.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

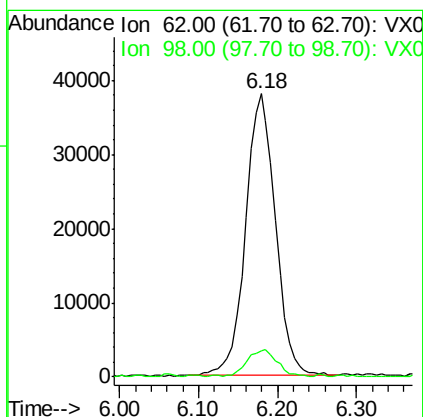
Manual Integrations
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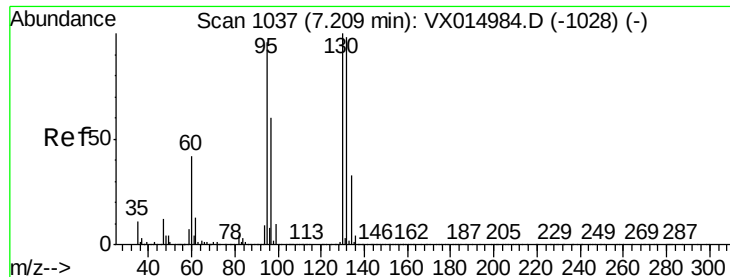
MMDadoda
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#36
1,2-Dichloroethane
Concen: 20.062 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	62	Resp	100024
Ion Ratio	Lower	Upper	
62	100		
98	9.2	7.5	11.3





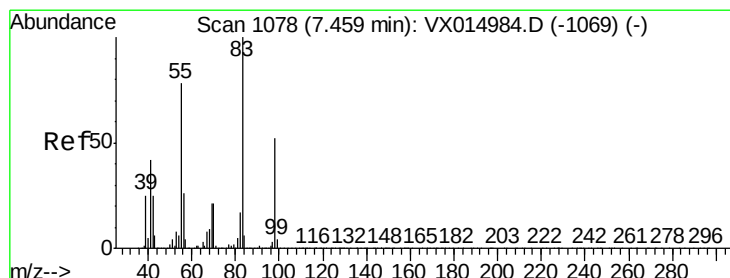
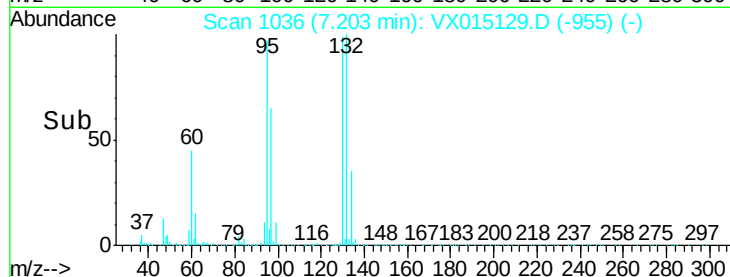
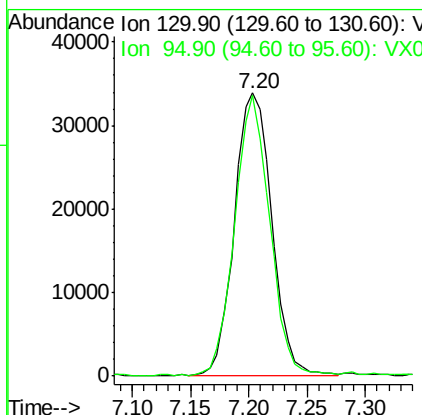
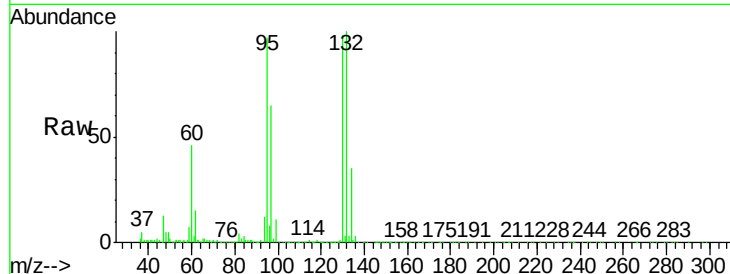
#37
 Trichloroethene
 Concen: 19.278 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
130	100		
95	99.1	77.1	115.7

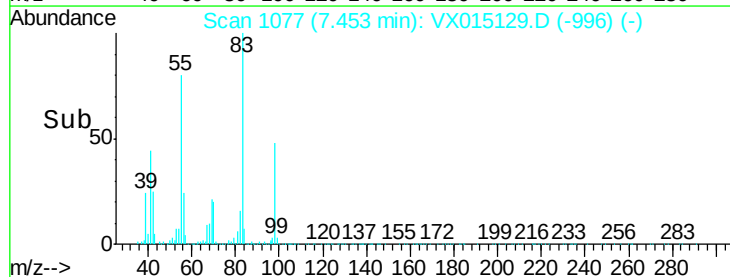
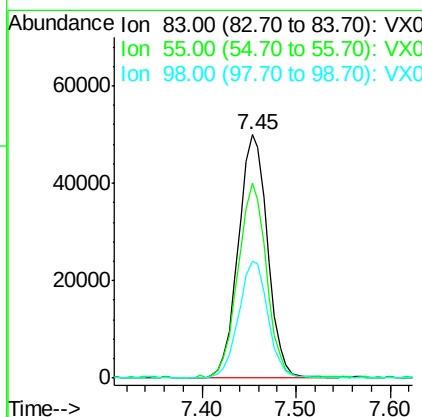
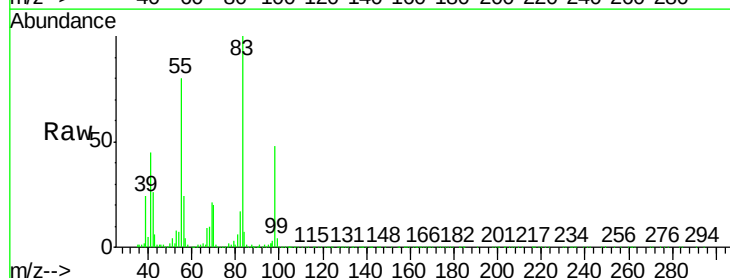
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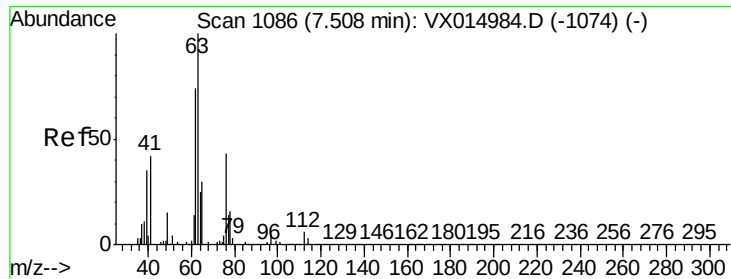
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 3/9/2020 9:36:16 AM



#38
 Methylcyclohexane
 Concen: 18.666 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.5	38.2	114.6
98	48.4	25.3	75.8





#39

1,2-Dichloropropane

Concen: 19.823 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 71870

Ion Ratio Lower Upper

63 100

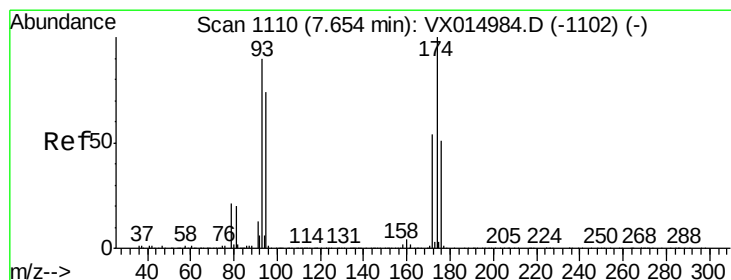
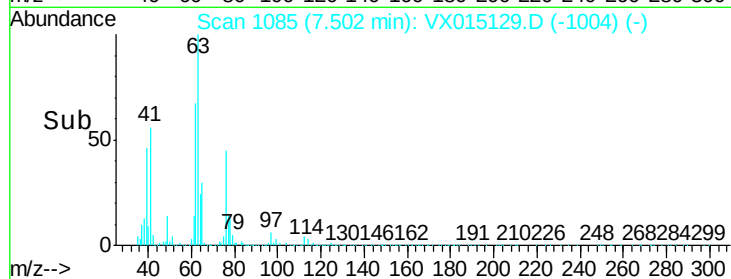
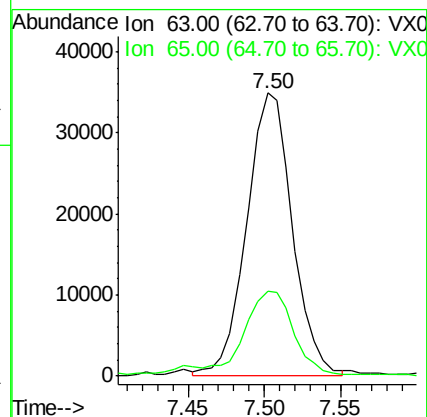
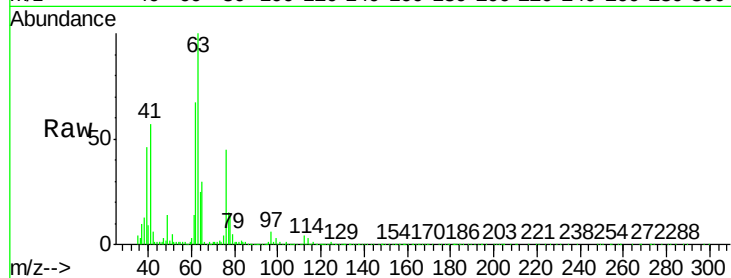
65 29.9 24.6 36.8

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#40

Dibromomethane

Concen: 19.659 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

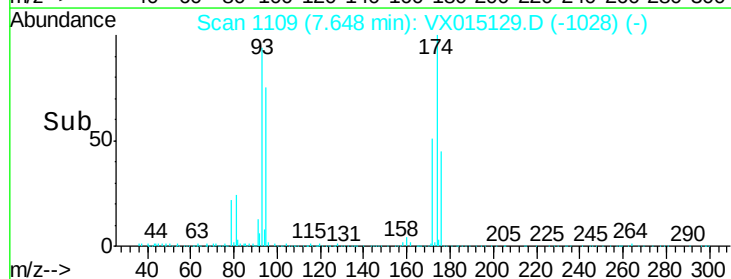
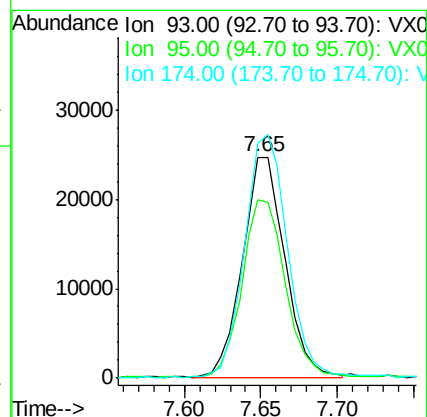
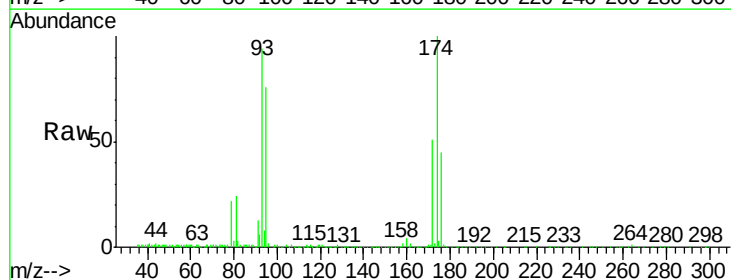
Tgt Ion: 93 Resp: 47592

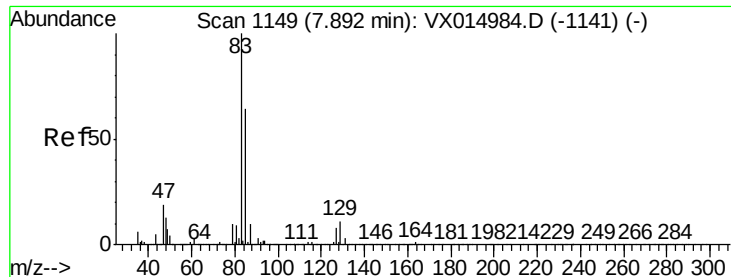
Ion Ratio Lower Upper

93 100

95 81.9 0.0 164.6

174 111.9 0.0 226.4





#41

Bromodichloromethane

Concen: 19.846 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

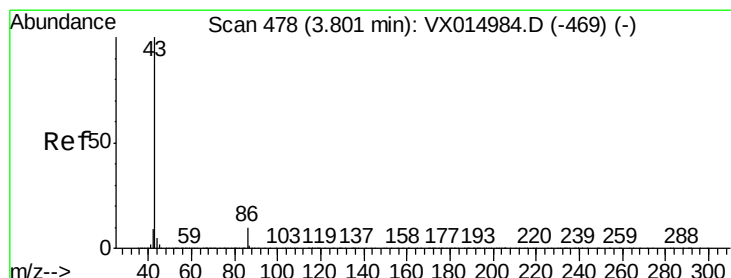
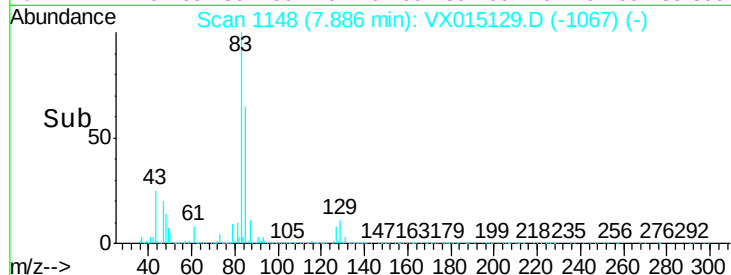
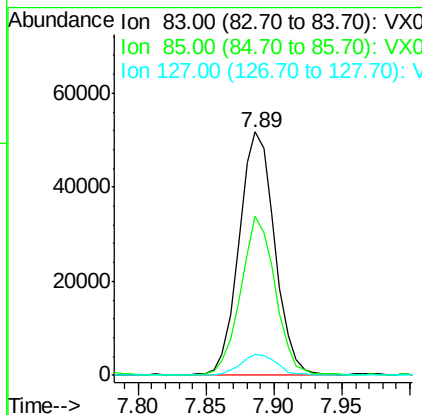
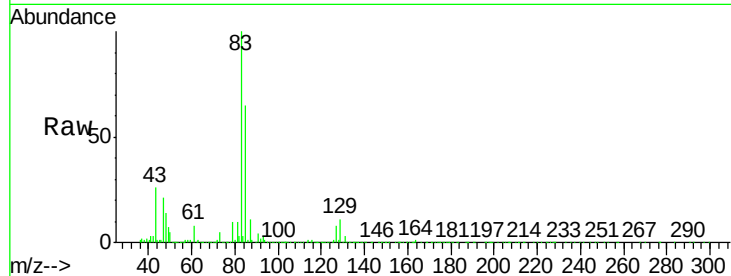
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	94908
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.0	76.4
127	8.2	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 98.415 ug/l

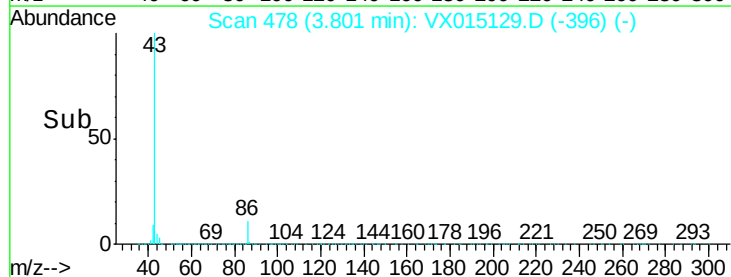
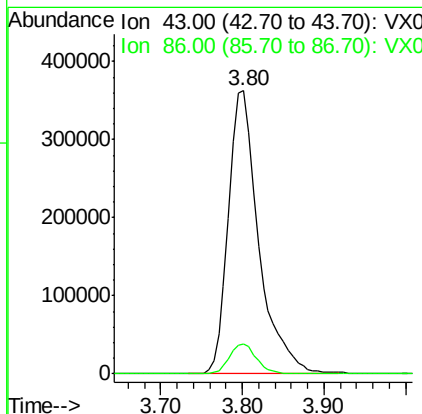
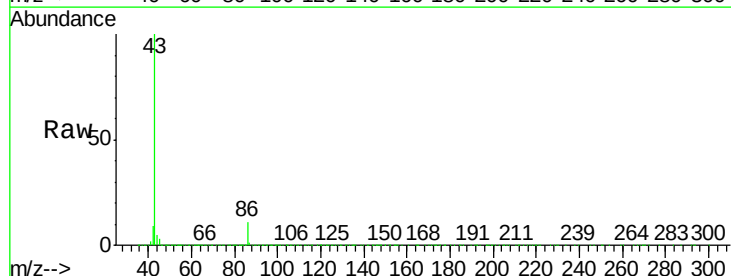
RT: 3.80 min Scan# 478

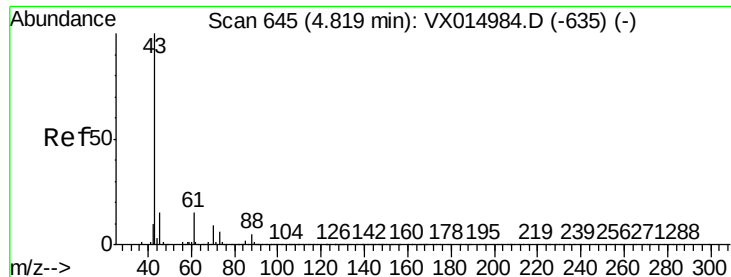
Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	43	Resp:	933317
Ion	Ratio	Lower	Upper
43	100		
86	9.3	7.6	11.4





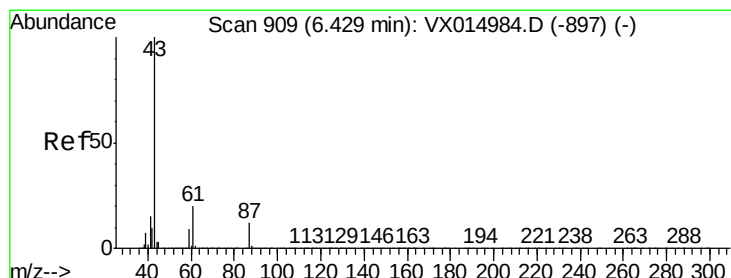
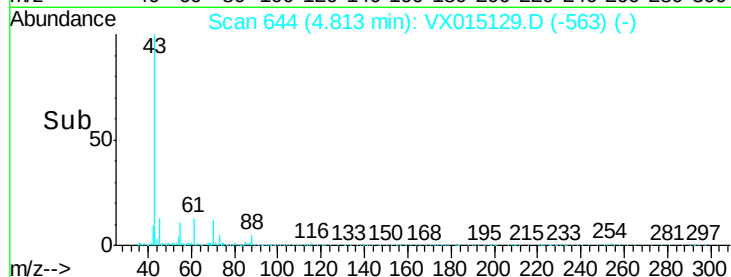
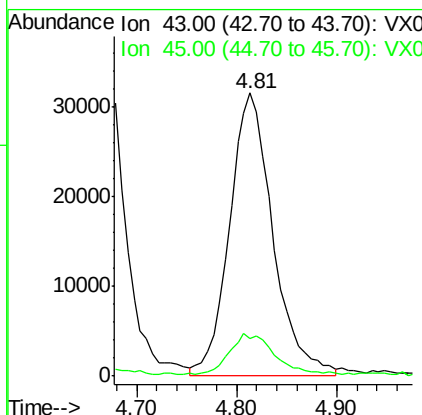
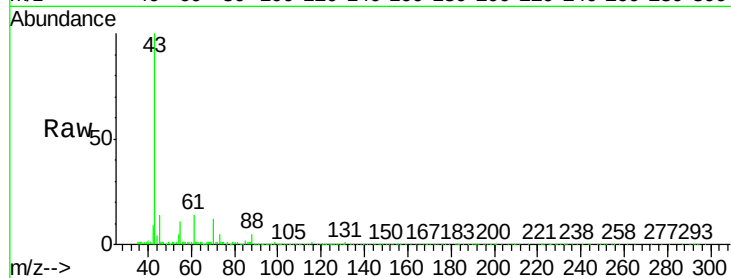
#43
Ethyl Acetate
Concen: 19.423 ug/l m
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 94690
Ion Ratio Lower Upper
43 100
45 0.1 10.8 16.2#

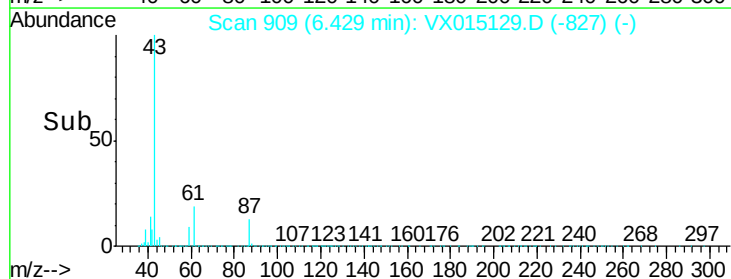
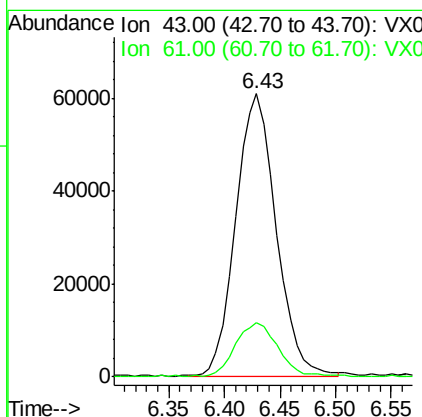
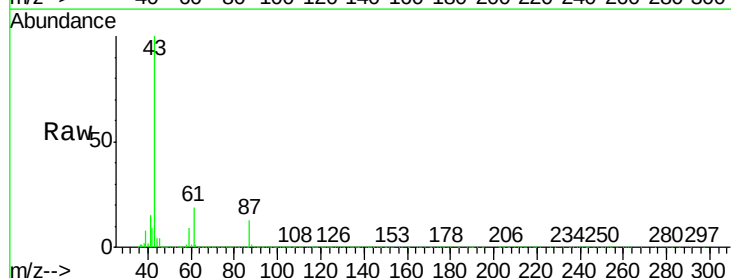
Manual Integrations
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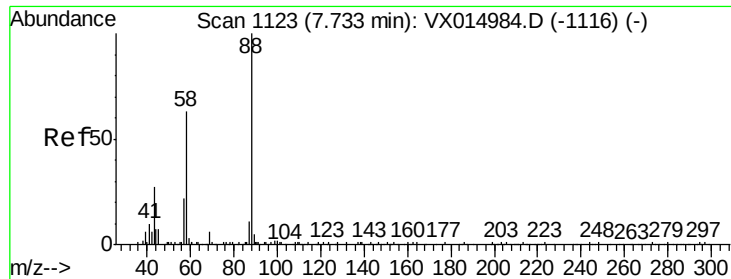
MMDadoda
3/9/2020 9:36:16 AM



#44
Isopropyl Acetate
Concen: 18.728 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 43 Resp: 153481
Ion Ratio Lower Upper
43 100
61 19.7 15.6 23.4





#45

1,4-Dioxane

Concen: 398.450 ug/l

RT: 7.72 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

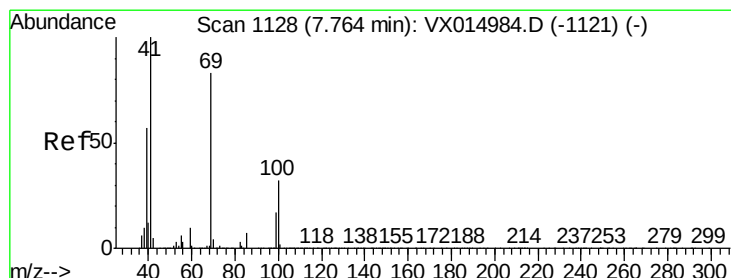
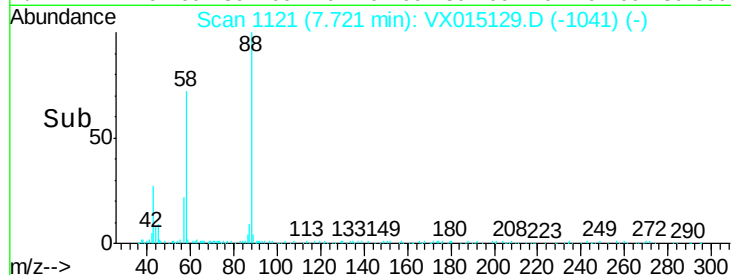
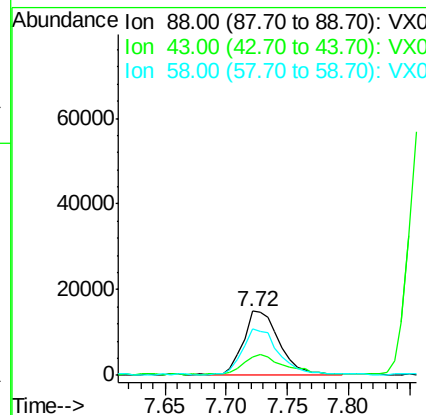
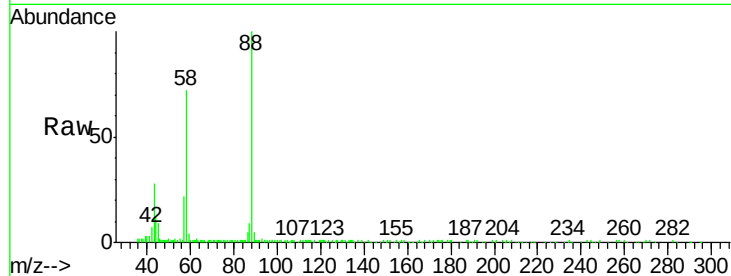
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	30173
Ion	Ratio	Lower	Upper
88	100		
43	34.0	25.4	38.2
58	70.4	55.8	83.8

Manual Integrations
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#46

Methyl methacrylate

Concen: 18.296 ug/l

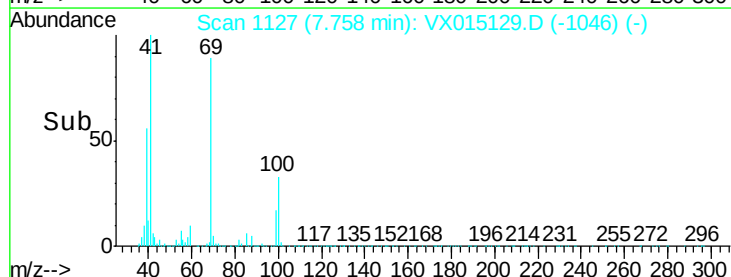
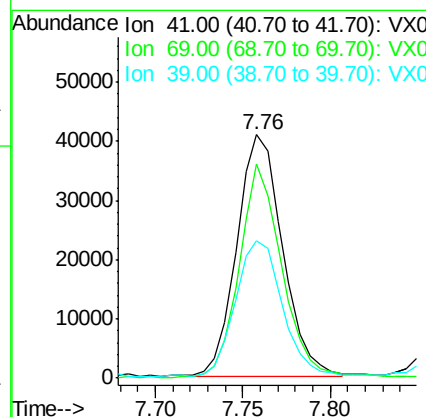
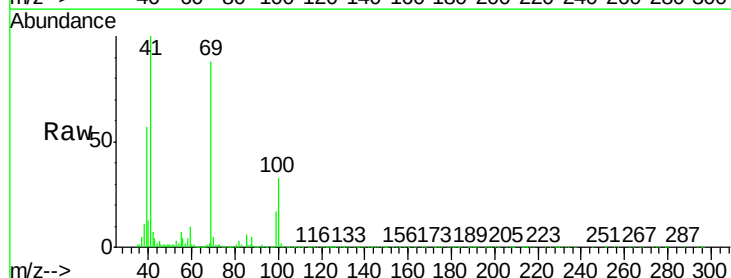
RT: 7.76 min Scan# 1127

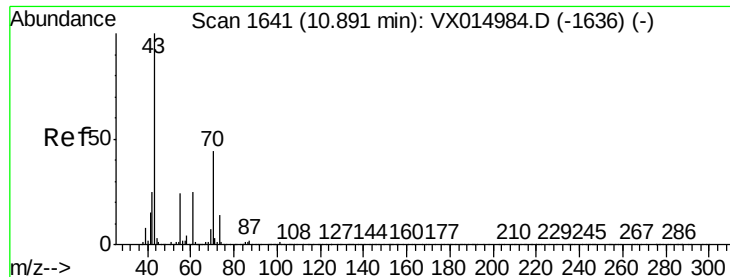
Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	41	Resp:	74180
Ion	Ratio	Lower	Upper
41	100		
69	88.5	41.4	124.2
39	56.4	28.3	84.9





#47

n-amvl Acetate

Concen: 18.266 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 129683

Ion Ratio Lower Upper

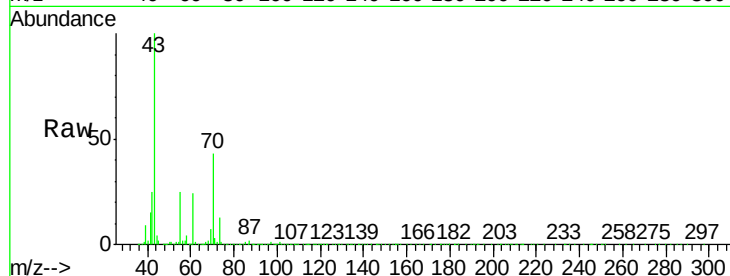
43 100

55 25.5 19.2 28.8

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.89

120000

100000

80000

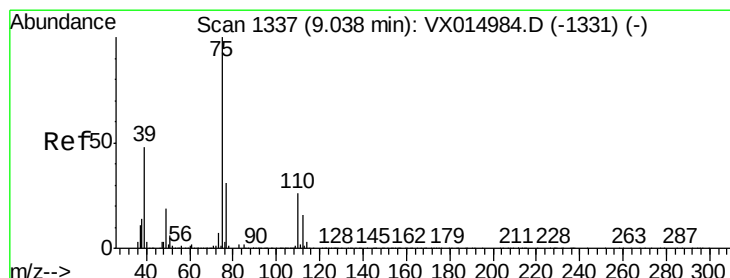
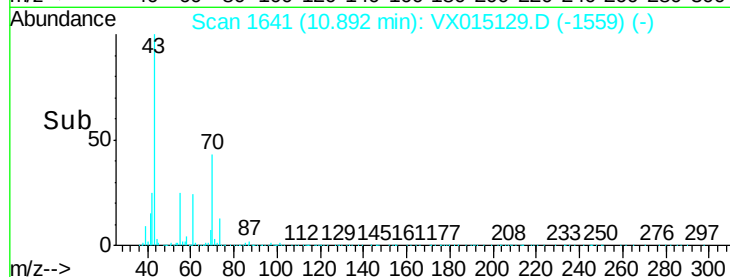
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.730 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015129.D

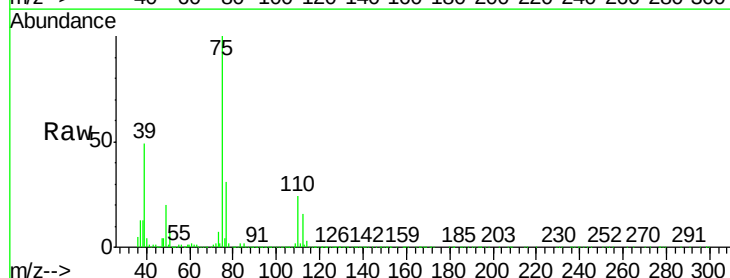
Acq: 06 Mar 2020 16:20

Tgt Ion: 75 Resp: 99376

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.03

80000

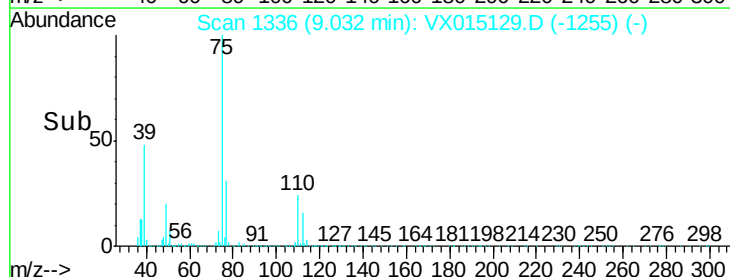
60000

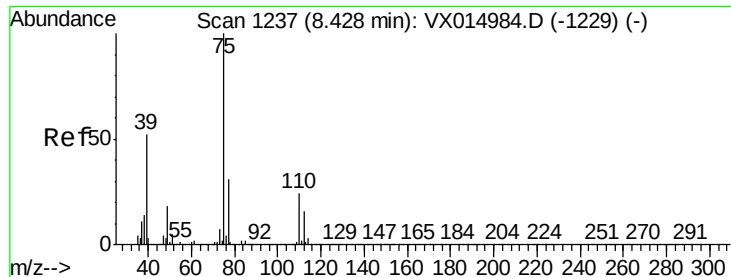
40000

20000

0

Time-->





#49

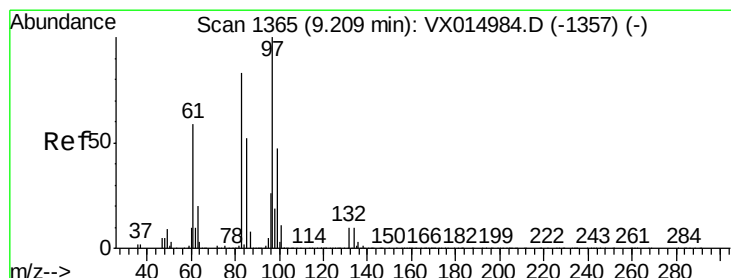
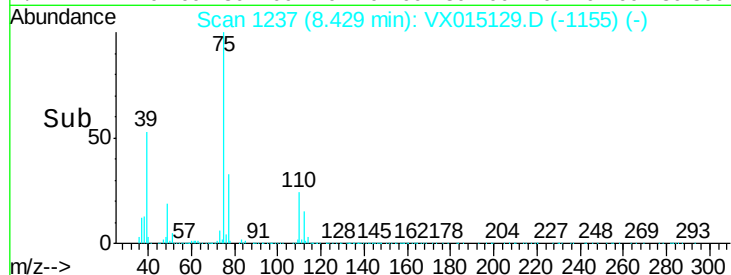
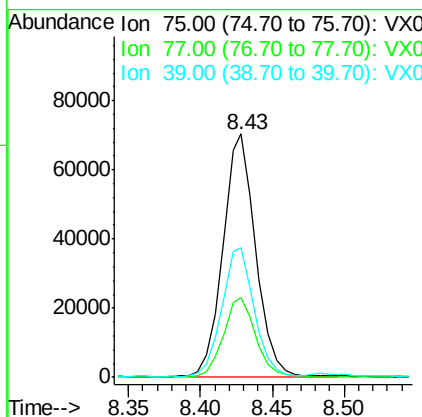
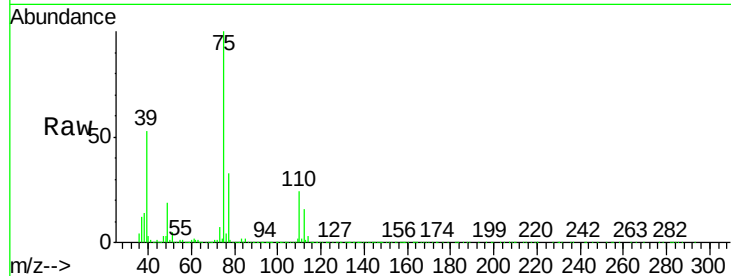
cis-1,3-Dichloropropene
Concen: 19.101 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	75	Resp:	111577
Ion Ratio		Lower	Upper
75	100		
77	32.5	24.6	36.8
39	53.1	41.5	62.3

Manual Integrations
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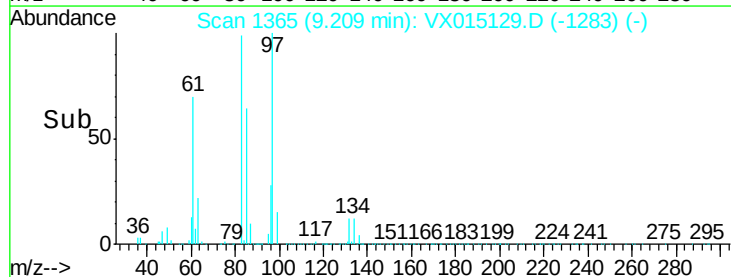
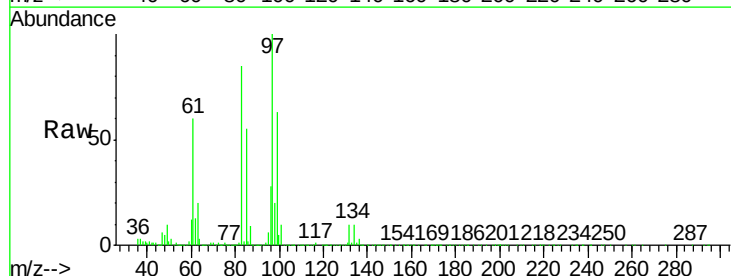
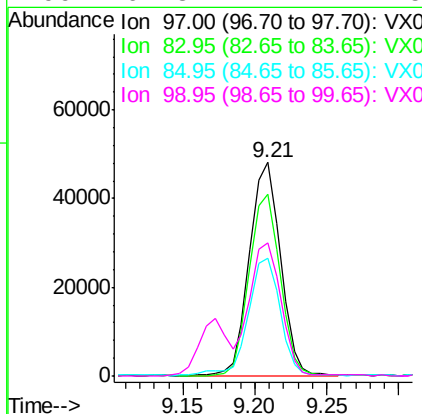
MMDadoda
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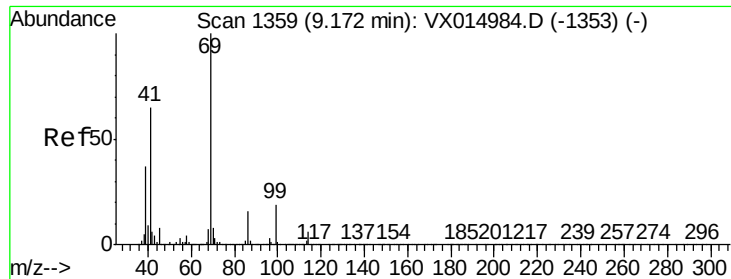


#50

1,1,2-Trichloroethane
Concen: 19.872 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:	97	Resp:	71675
Ion Ratio		Lower	Upper
97	100		
83	85.3	66.2	99.2
85	54.7	42.4	63.6
99	62.3	47.7	71.5





#51

Ethyl methacrylate

Concen: 18.033 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

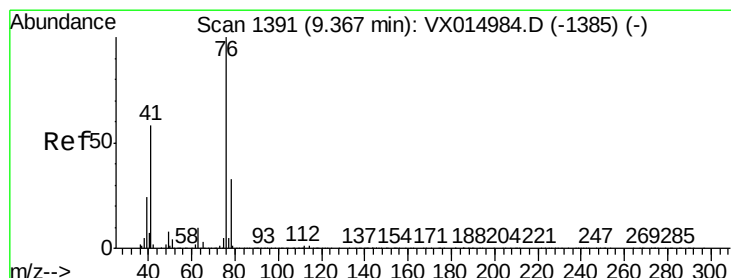
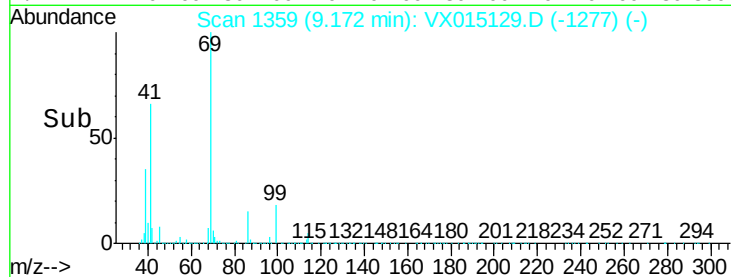
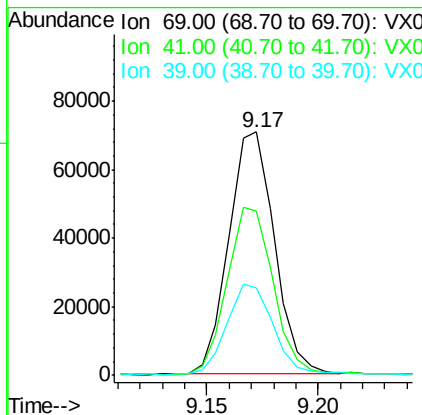
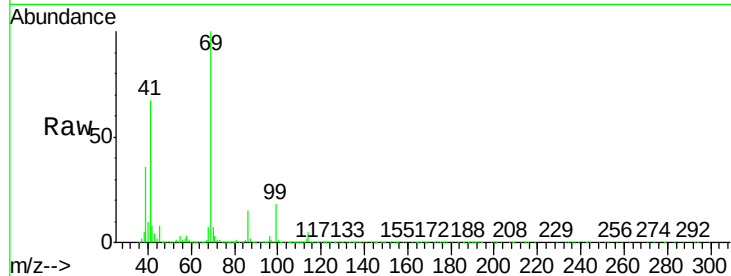
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	100387
Ion	Ratio	Lower	Upper
69	100		
41	67.1	32.7	98.1
39	35.5	18.2	54.6

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.903 ug/l

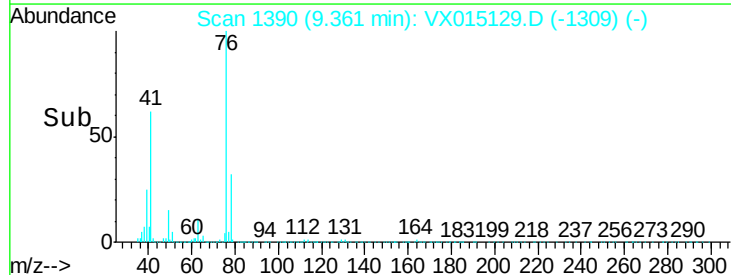
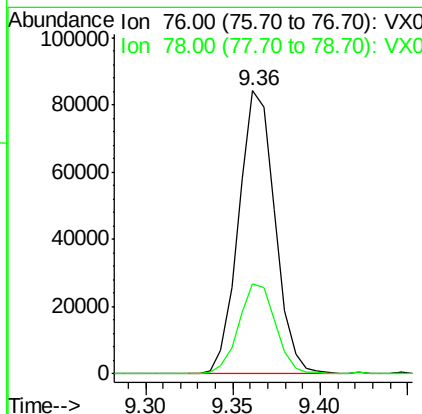
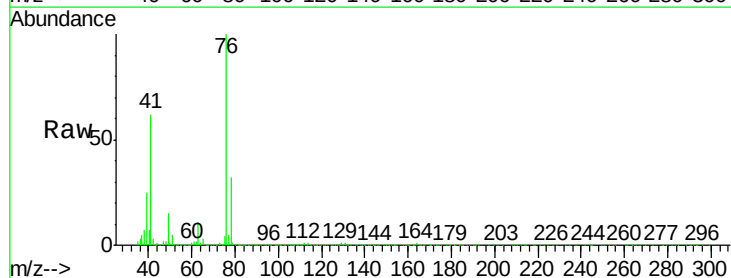
RT: 9.36 min Scan# 1390

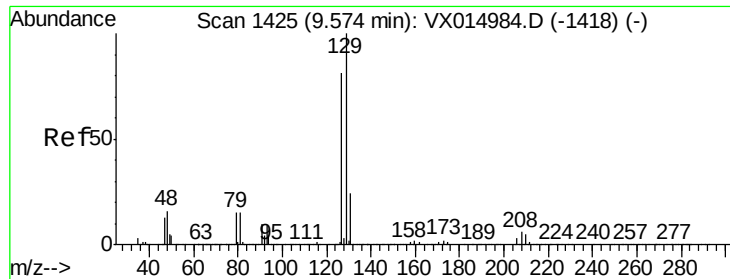
Delta R.T. -0.01 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	76	Resp:	121440
Ion	Ratio	Lower	Upper
76	100		
78	32.0	0.0	65.0





#53

Dibromochloromethane

Concen: 18.847 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 73497

Ion Ratio Lower Upper

129 100

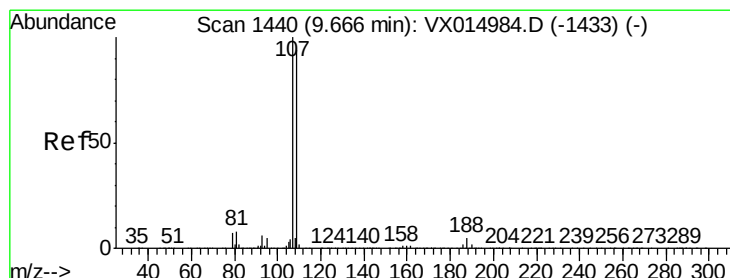
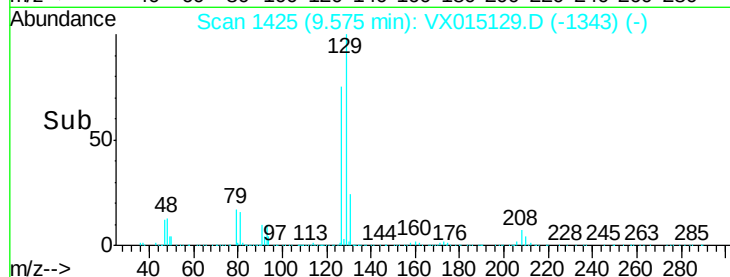
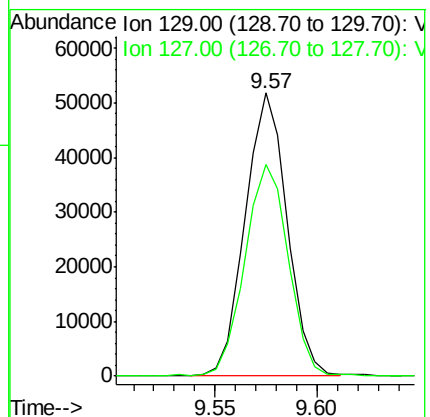
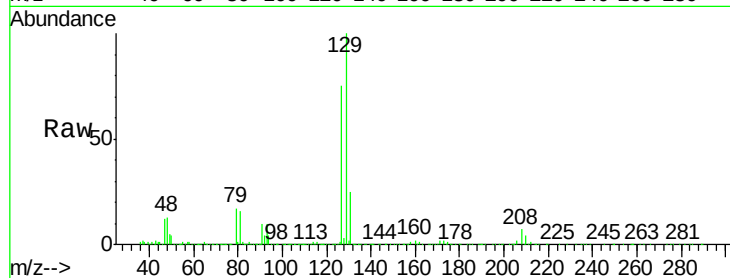
127 77.6 38.3 114.9

Manual Integrations

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3/9/2020 9:36:16 AM



#54

1,2-Dibromoethane

Concen: 19.336 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015129.D

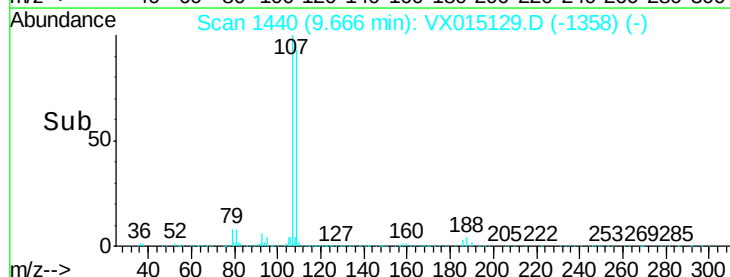
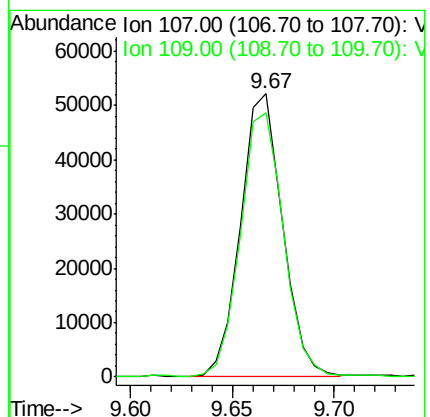
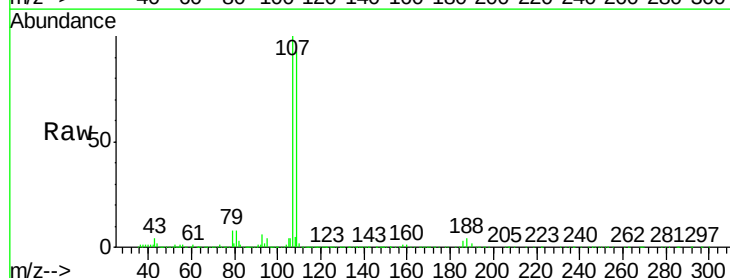
Acq: 06 Mar 2020 16:20

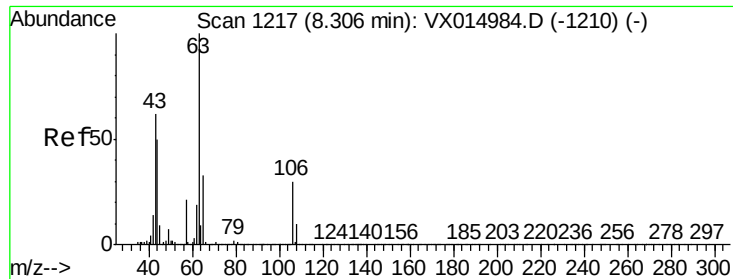
Tgt Ion:107 Resp: 74046

Ion Ratio Lower Upper

107 100

109 96.2 76.3 114.5





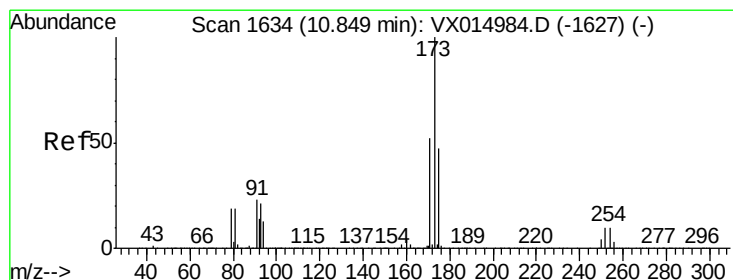
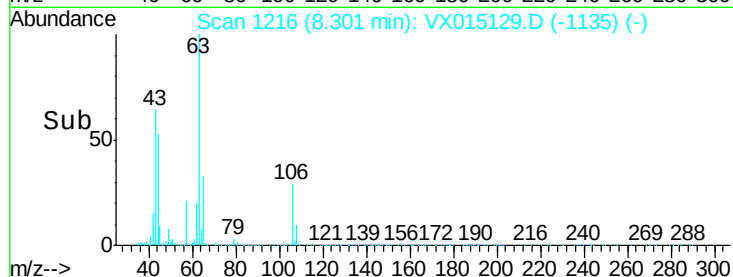
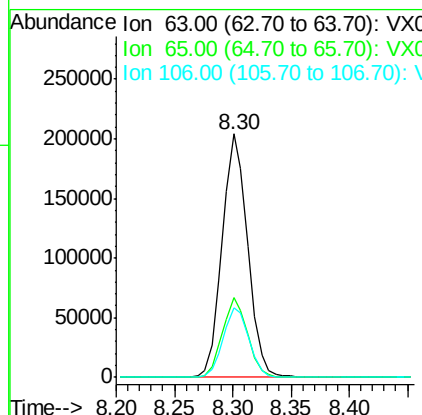
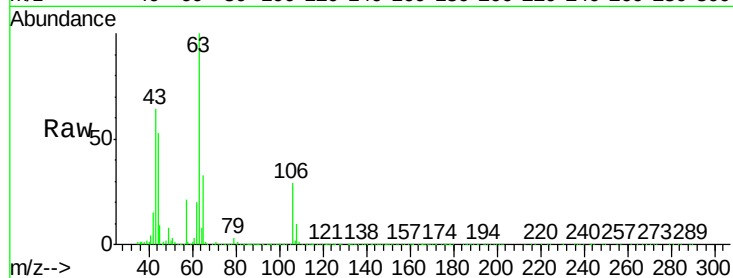
#55
 2-Chloroethyl vinyl ether
 Concen: 103.442 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	63	Resp:	306747
Ion Ratio	Lower	Upper	
63	100		
65	32.0	26.0	39.0
106	29.0	23.9	35.9

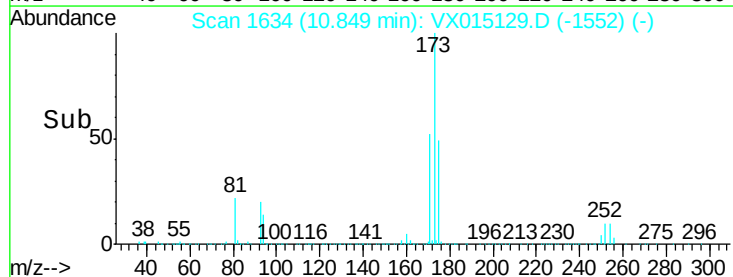
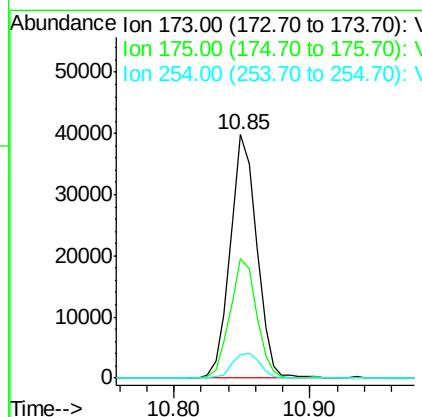
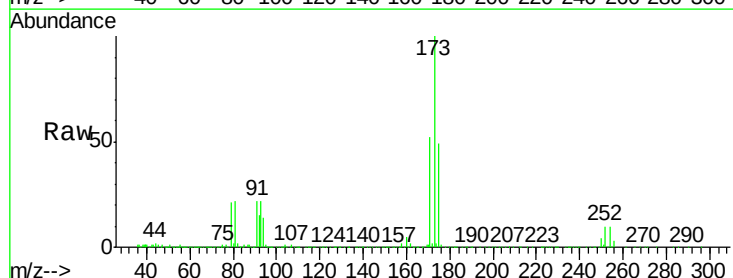
Manual Integrations
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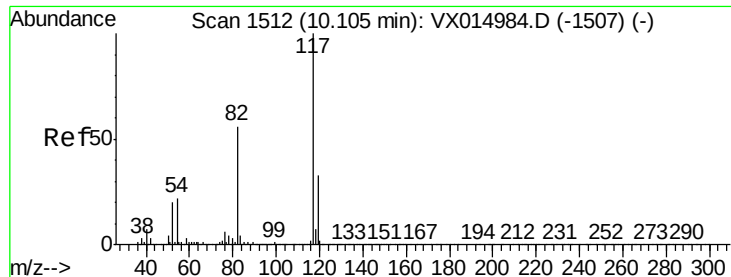
MMDadoda
 3/9/2020 9:36:16 AM



#56
 Bromoform
 Concen: 17.717 ug/l
 RT: 10.85 min Scan# 1634
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion:	173	Resp:	54160
Ion Ratio	Lower	Upper	
173	100		
175	48.4	38.6	57.8
254	10.8	8.6	13.0





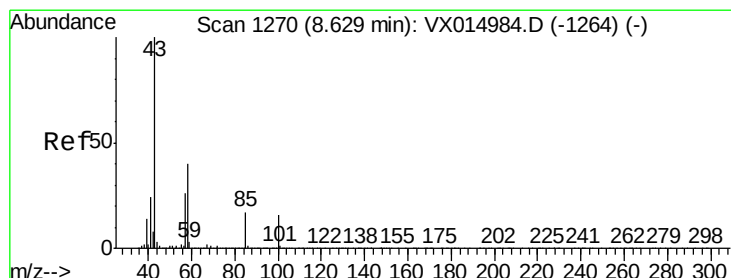
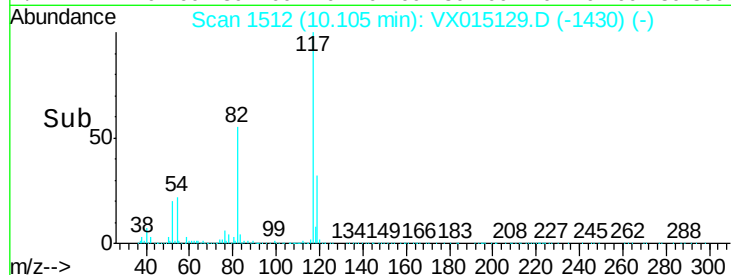
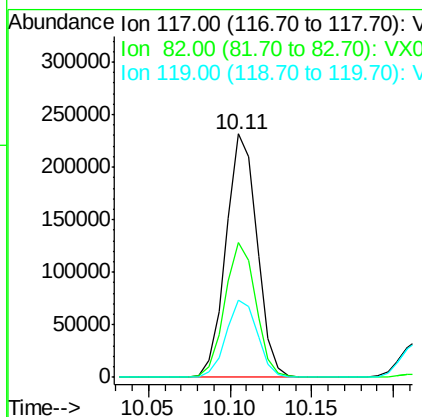
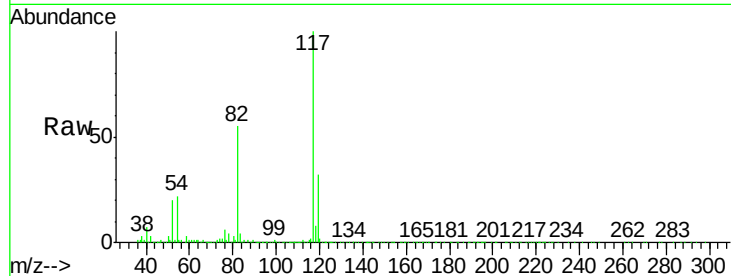
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.4	65.2
119	32.1	26.0	39.0

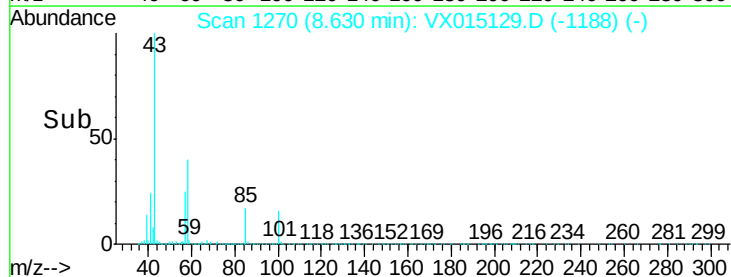
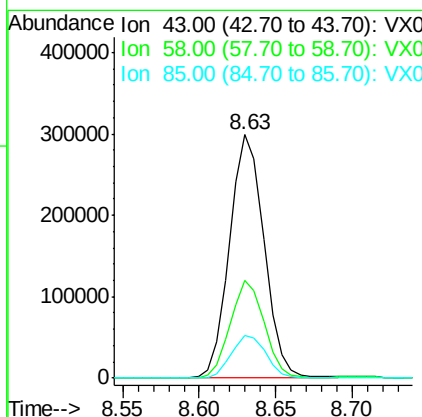
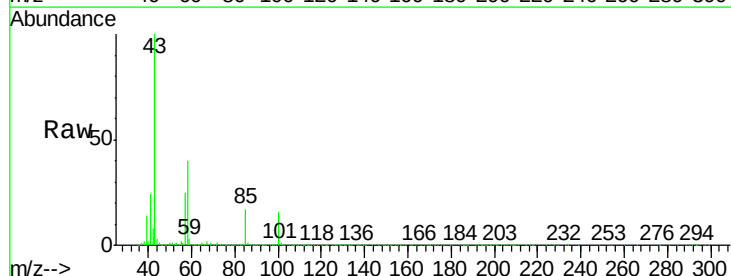
Manual Integrations
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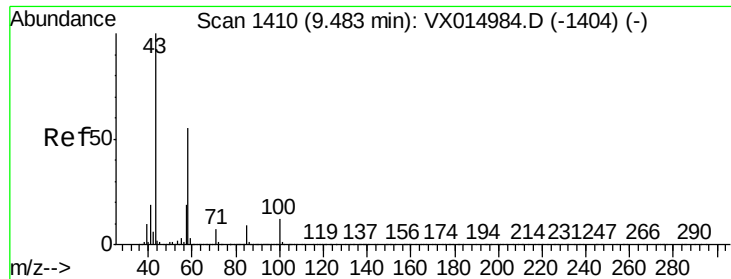
MMDadoda
3/9/2020 9:36:16 AM



#58
4-Methyl-2-Pentanone
Concen: 93.199 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.7	47.5
85	17.8	14.4	21.6





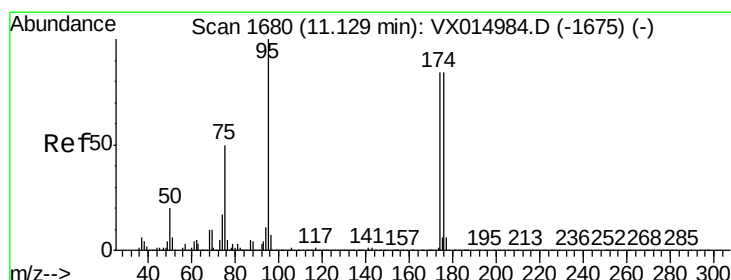
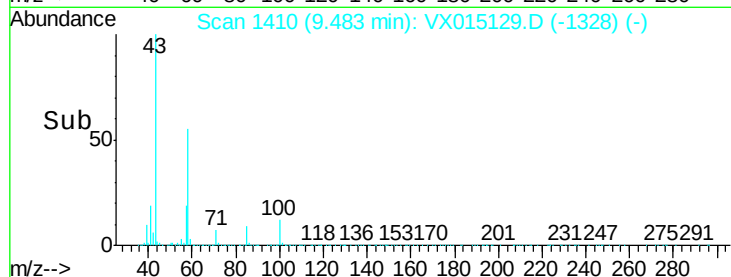
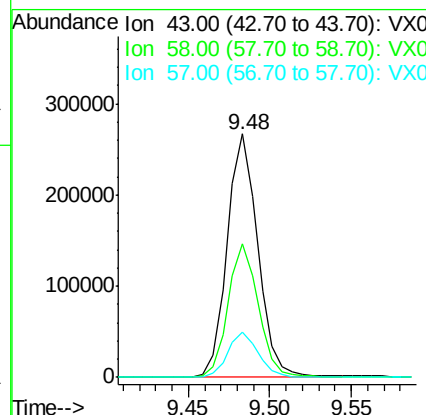
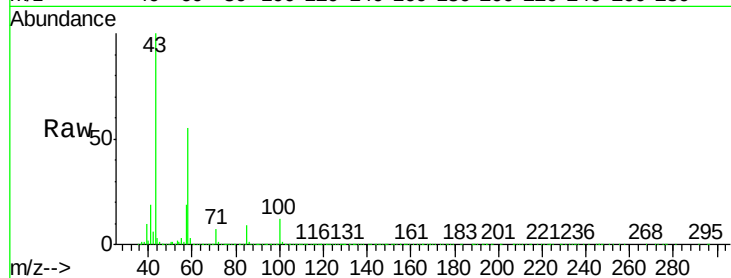
#59
2-Hexanone
Concen: 88.888 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.1	44.1	66.1
57	18.6	15.3	22.9

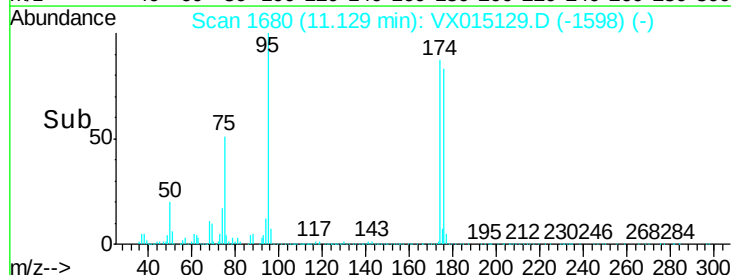
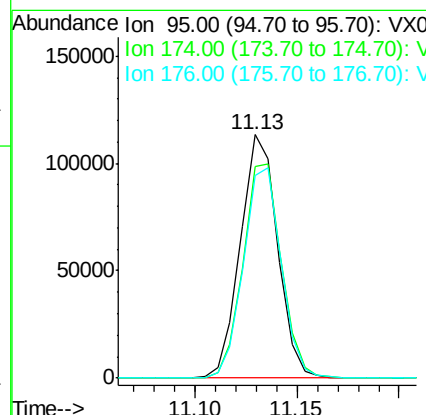
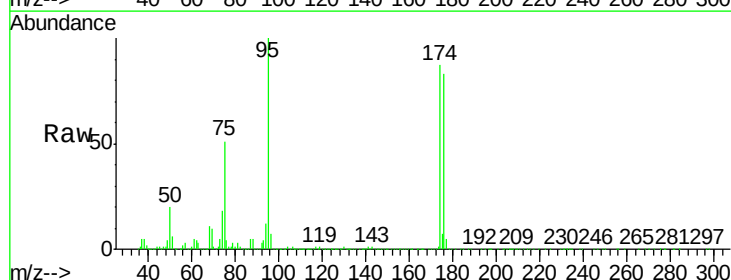
Manual Integrations
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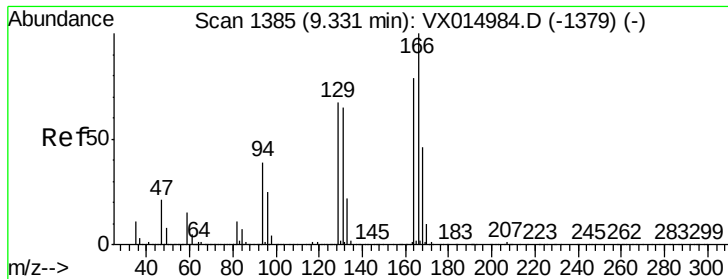
MMDadoda
3/9/2020 9:36:16 AM



#60
4-Bromofluorobenzene
Concen: 29.836 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.3	72.3	108.5
176	88.8	72.0	108.0





#61

Tetrachloroethene

Concen: 18.690 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

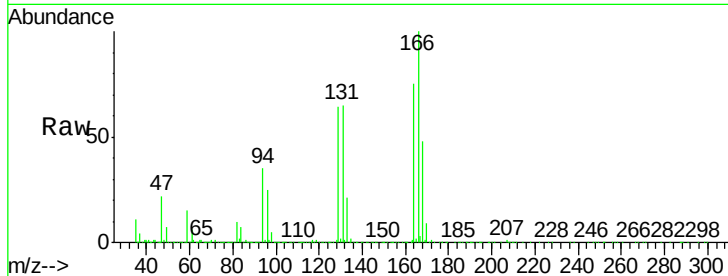
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	76951
Ion	Ratio	Lower	Upper
164	100		
166	133.1	101.2	151.8
129	84.8	67.6	101.4
131	86.3	66.0	99.0

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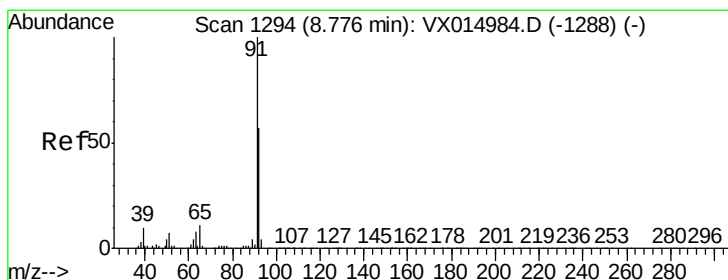
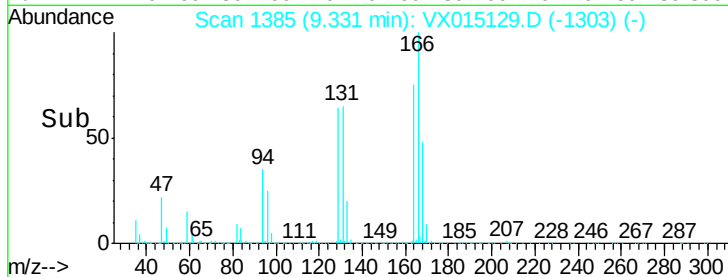
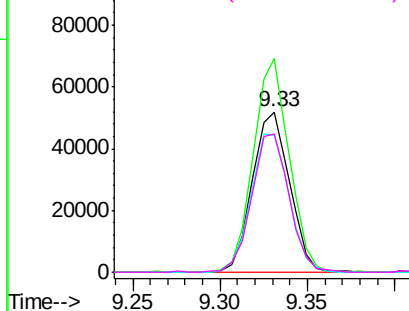


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.018 ug/l

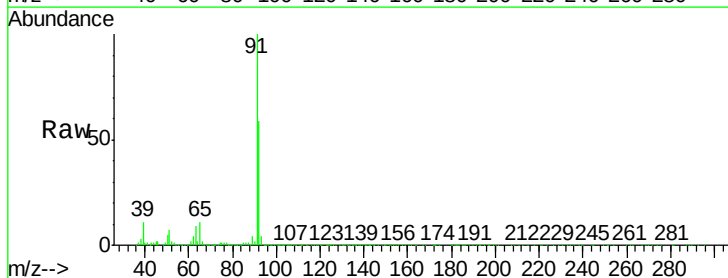
RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015129.D

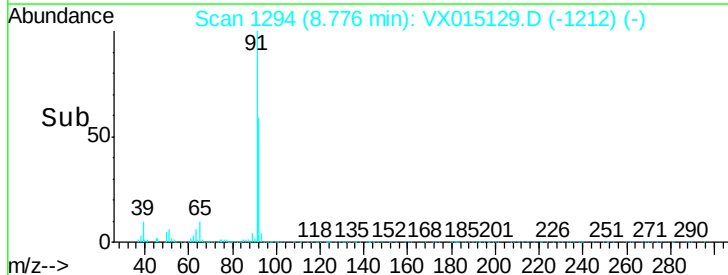
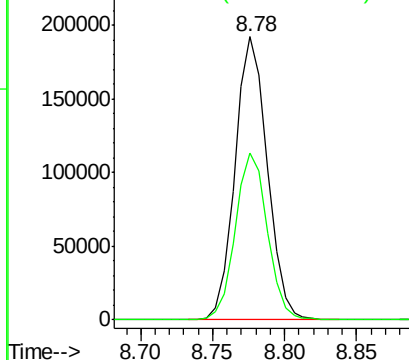
Acq: 06 Mar 2020 16:20

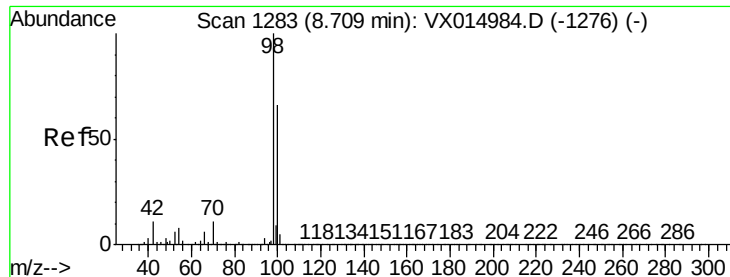
Tgt Ion:	91	Resp:	298606
Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.6	69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





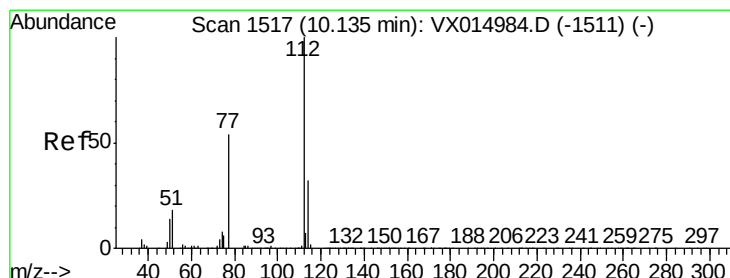
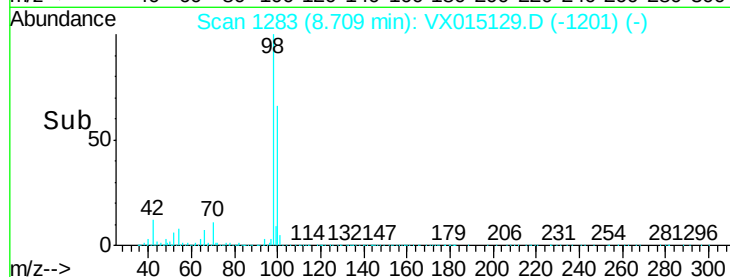
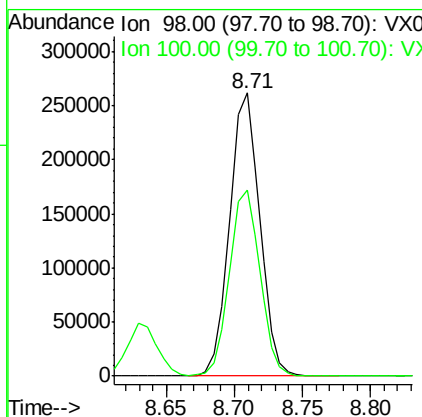
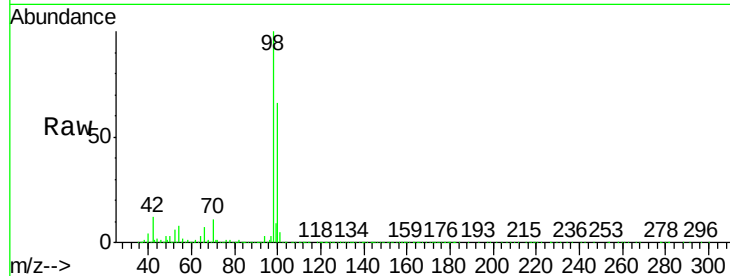
#63
Toluene-d8
Concen: 30.219 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 98 Resp: 403948
Ion Ratio Lower Upper
98 100
100 66.3 52.8 79.2

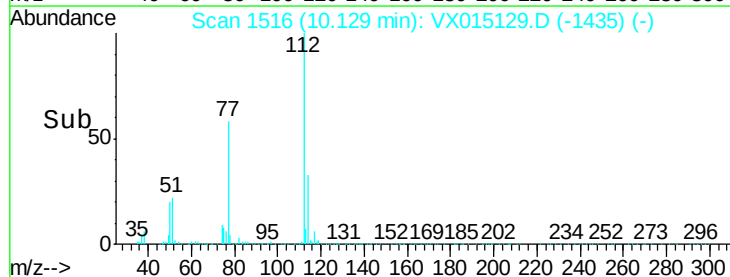
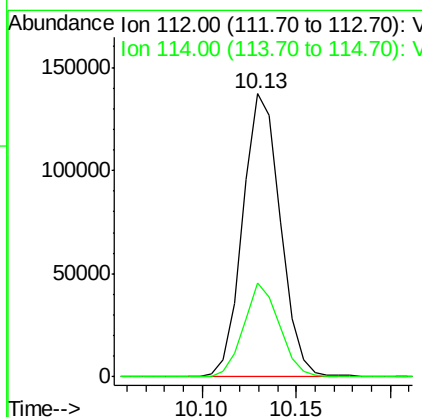
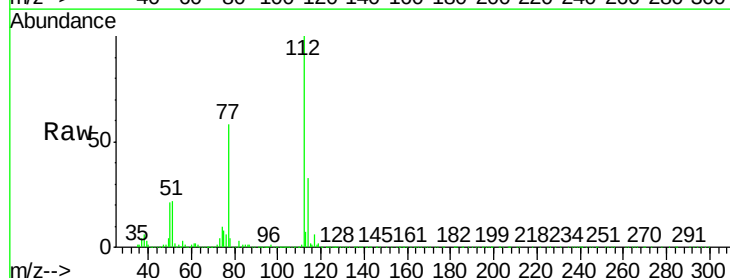
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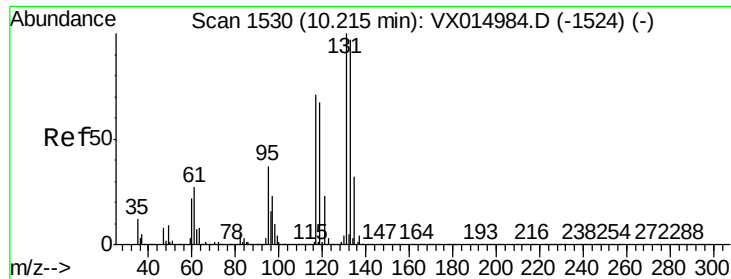
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#64
Chlorobenzene
Concen: 18.918 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion: 112 Resp: 189595
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6





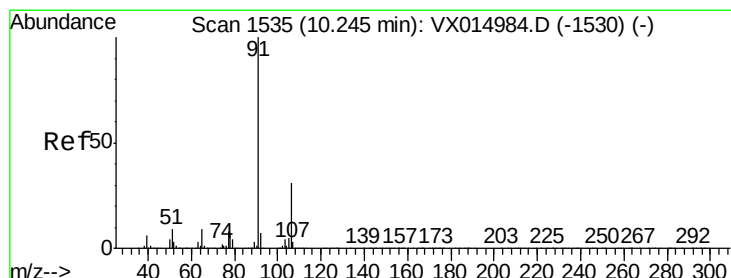
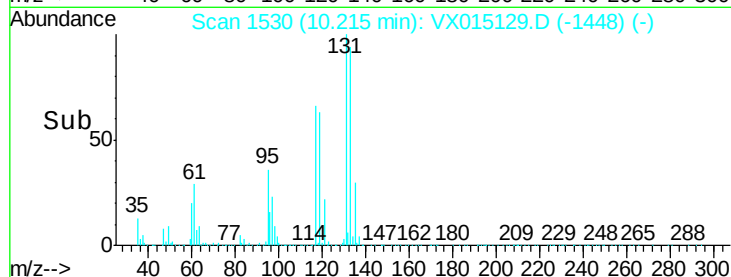
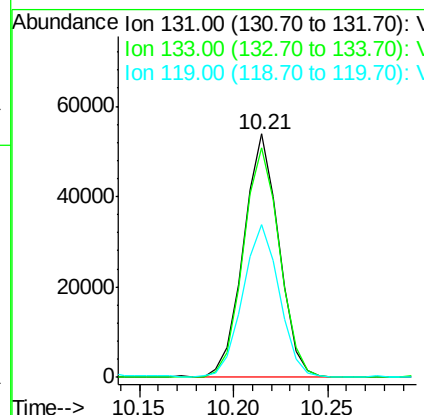
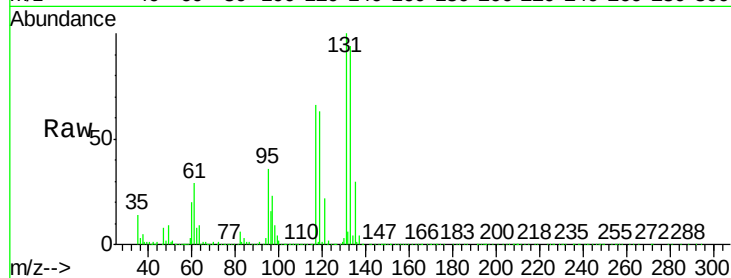
#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.934 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.2	0.0	191.4
119	64.5	0.0	132.0

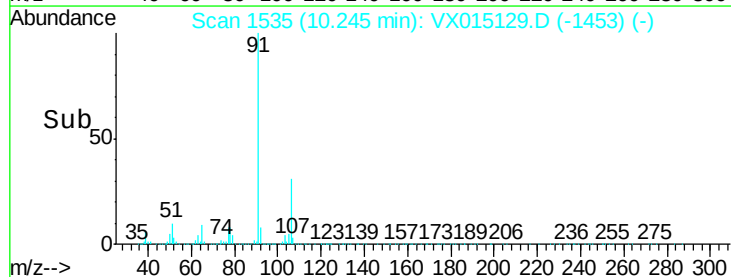
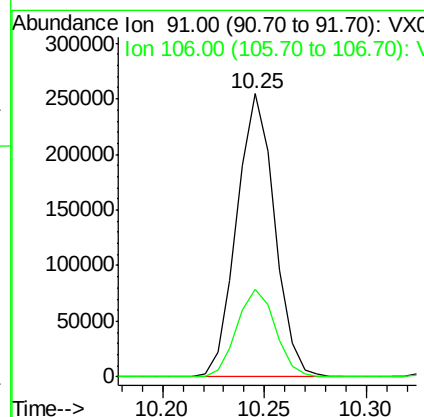
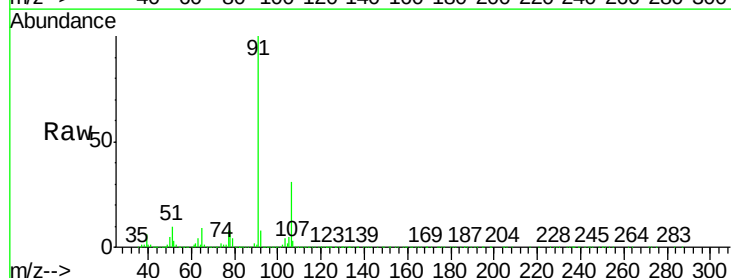
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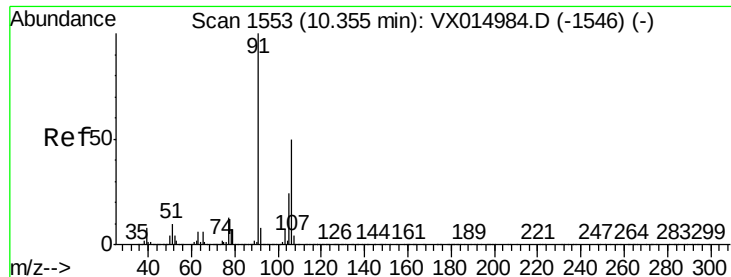
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#66
 Ethyl Benzene
 Concen: 18.861 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.1	24.7	37.1





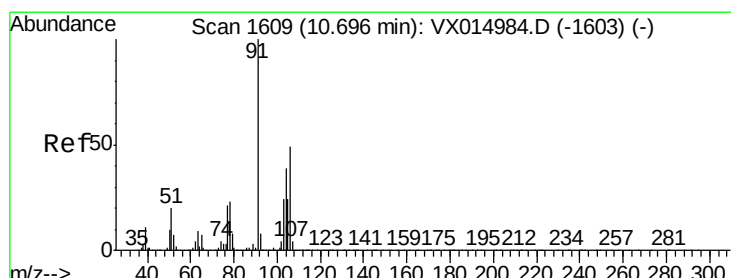
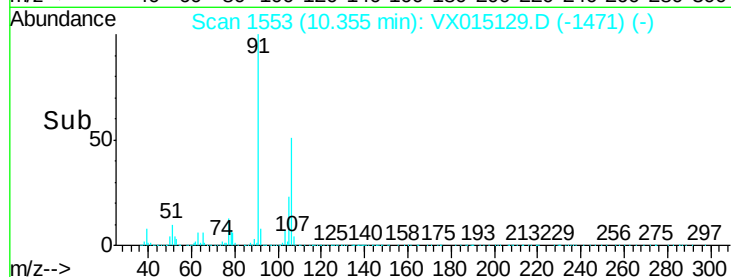
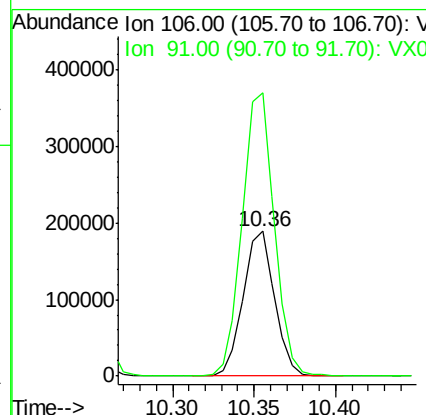
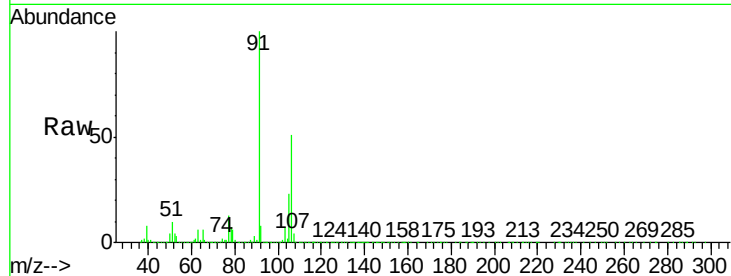
#67
m/p-Xylenes
Concen: 37.960 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 253170
Ion Ratio Lower Upper
106 100
91 199.8 160.4 240.6

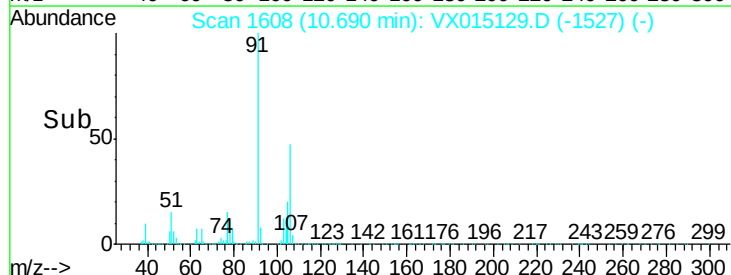
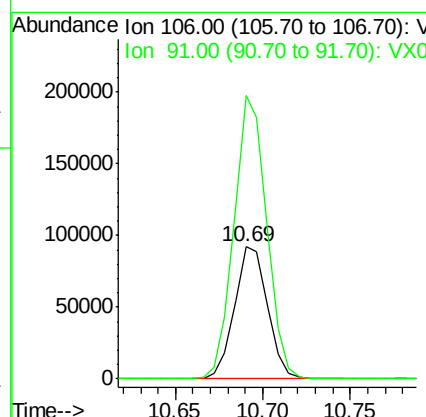
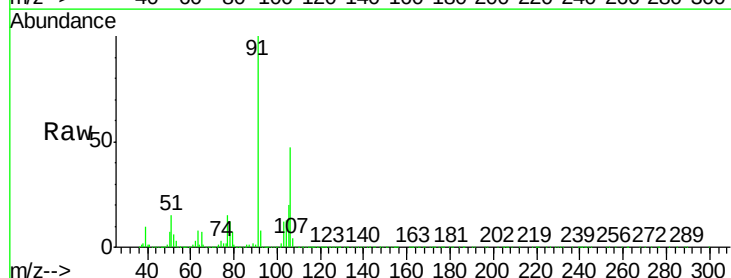
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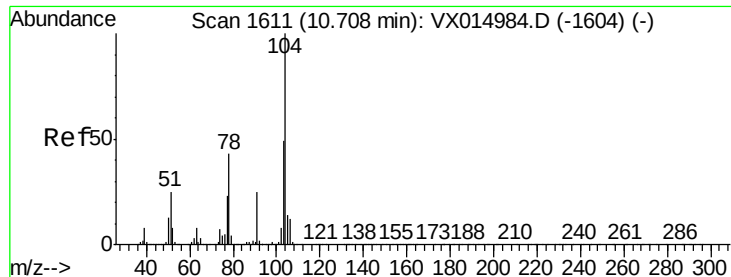
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#68
o-Xylene
Concen: 18.697 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion:106 Resp: 120657
Ion Ratio Lower Upper
106 100
91 211.2 105.3 315.9





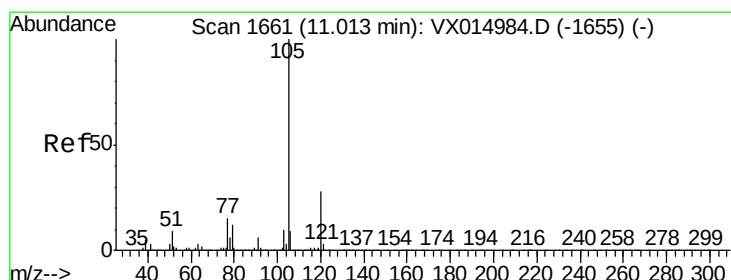
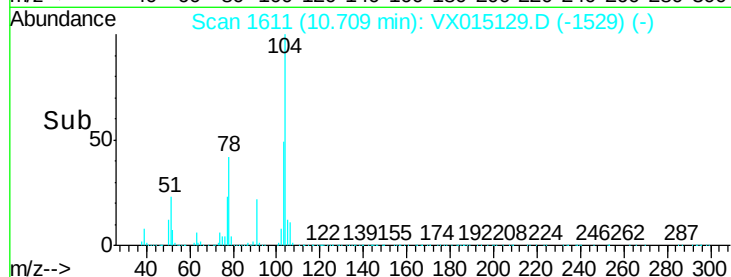
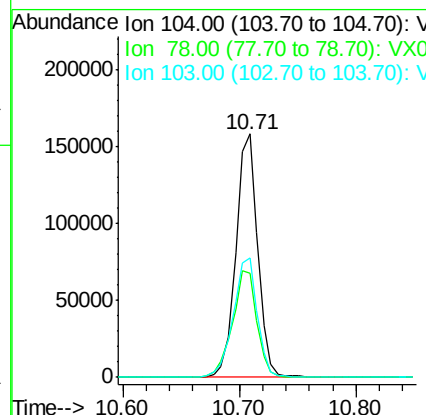
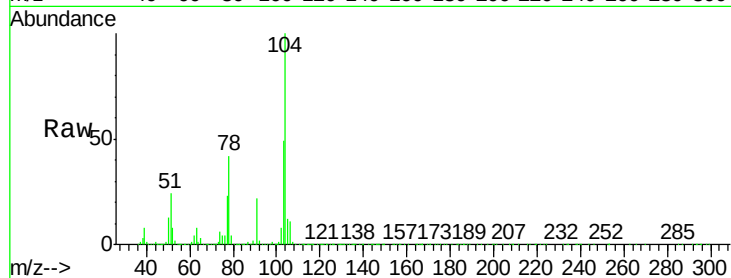
#69
Stvrene
Concen: 18.722 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	39.4	59.2
103	53.7	42.9	64.3

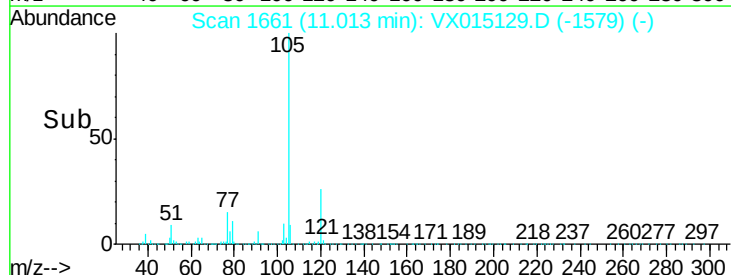
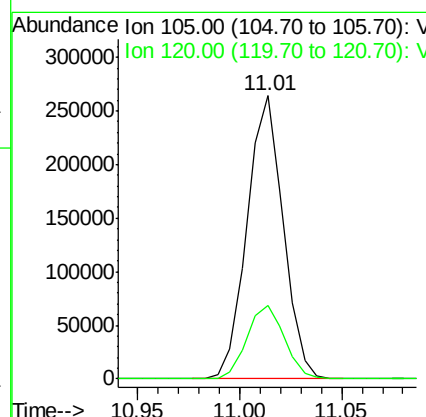
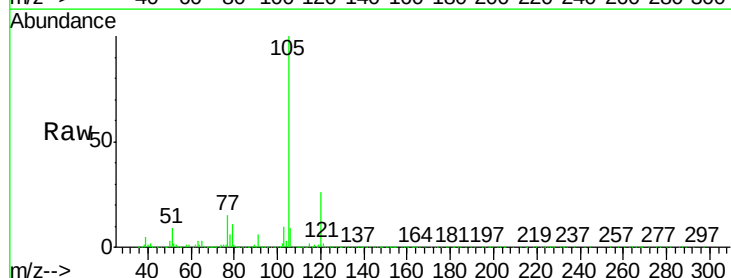
Manual Integrations
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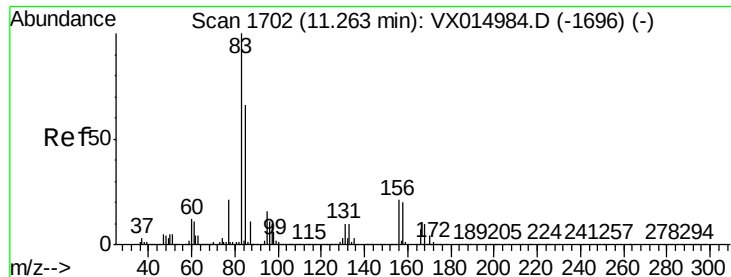
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#70
Isopropylbenzene
Concen: 18.986 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 19.175 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 105827

Ion Ratio Lower Upper

83 100

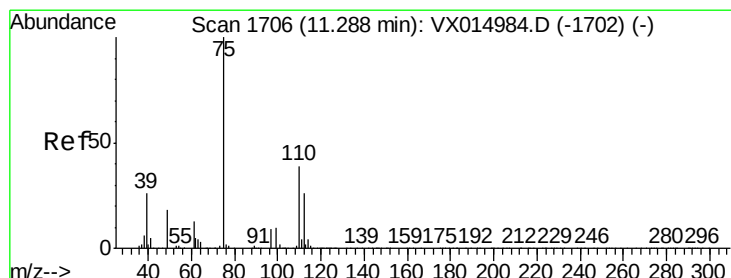
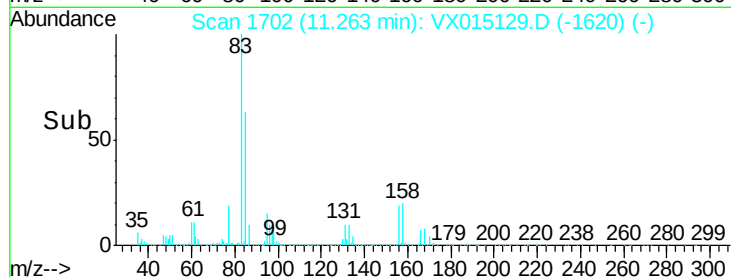
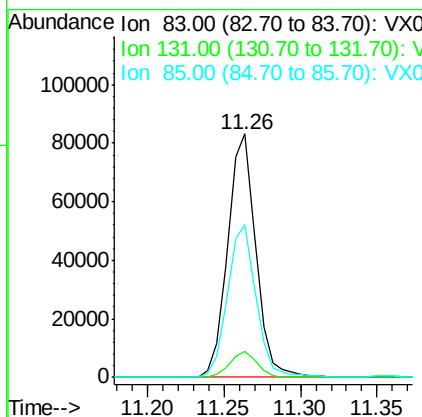
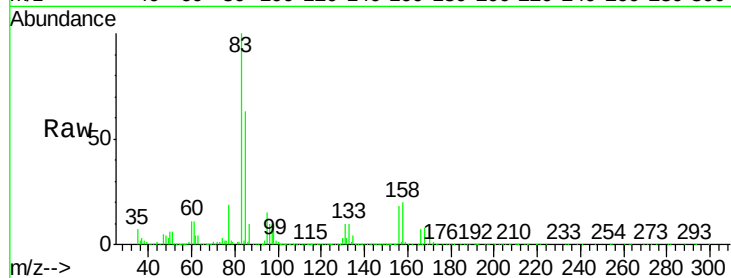
131 10.5 5.1 15.4

85 63.3 32.2 96.6

Manual Integrations
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#72

1,2,3-Trichloropropane

Concen: 19.120 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX015129.D

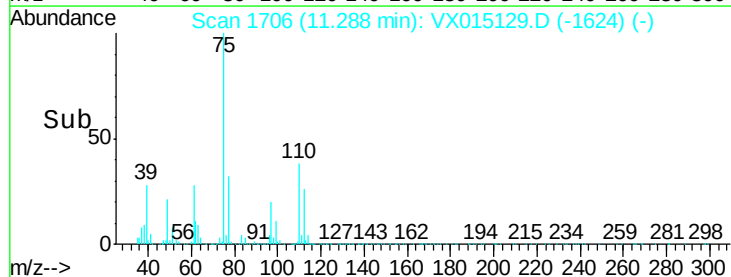
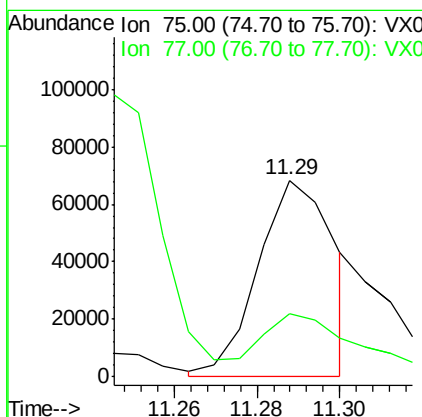
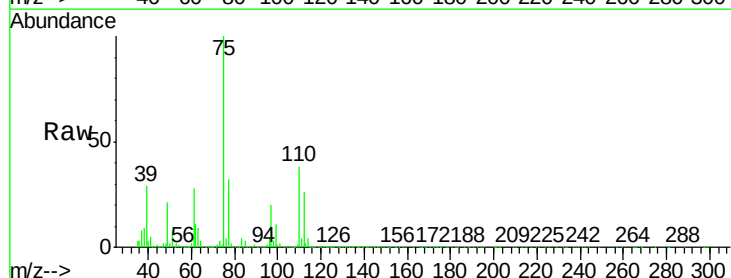
Acq: 06 Mar 2020 16:20

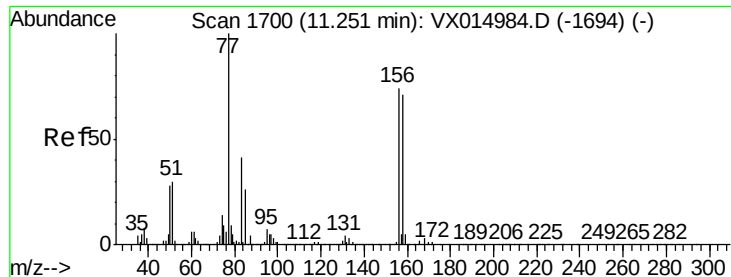
Tgt Ion: 75 Resp: 87529

Ion Ratio Lower Upper

75 100

77 42.2 0.0 75.4





#73

Bromobenzene

Concen: 18.724 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

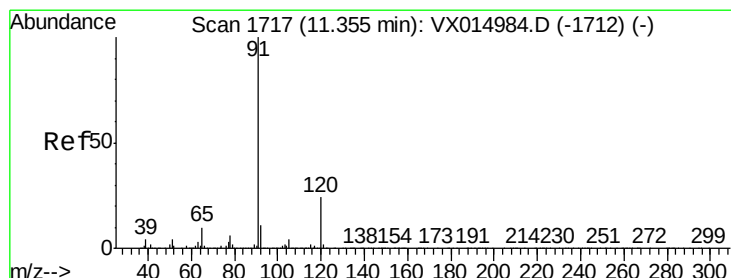
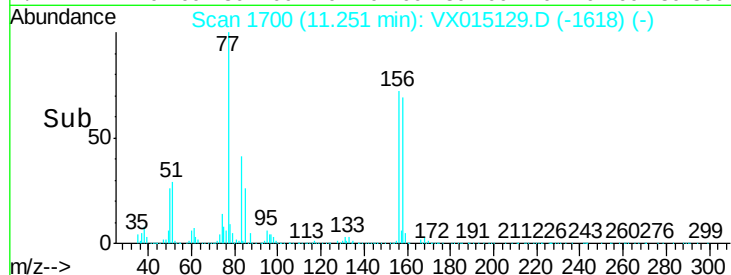
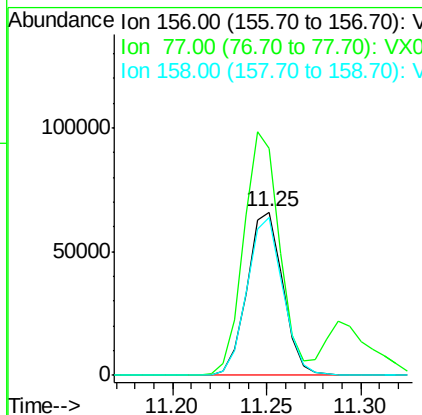
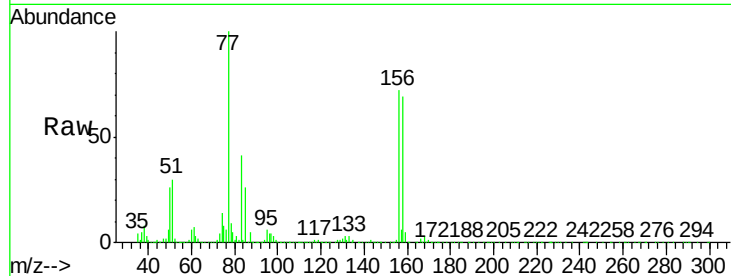
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	86725
Ion Ratio	Lower	Upper	
156	100		
77	148.7	0.0	286.8
158	96.7	0.0	191.8

Manual Integrations
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#74

n-propylbenzene

Concen: 19.100 ug/l

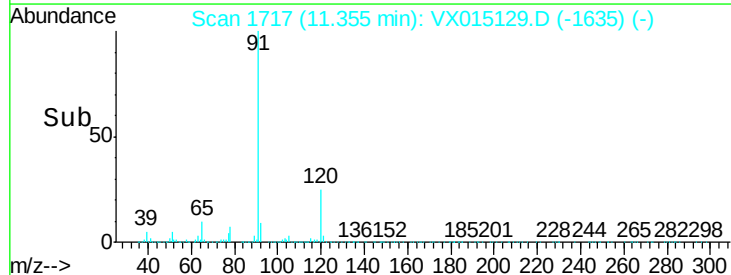
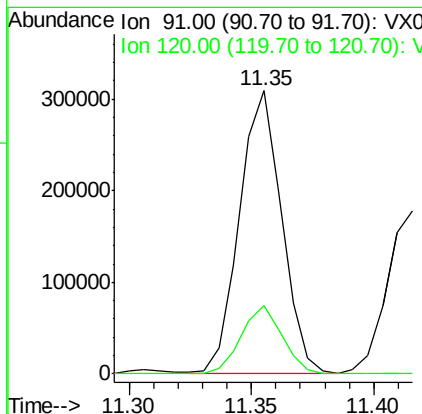
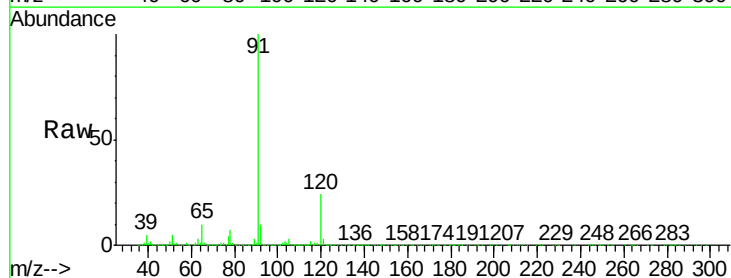
RT: 11.35 min Scan# 1717

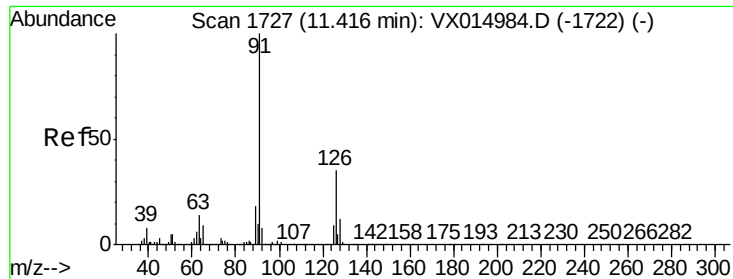
Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	91	Resp:	372638
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	47.0





#75

2-Chlorotoluene

Concen: 19.299 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 222498

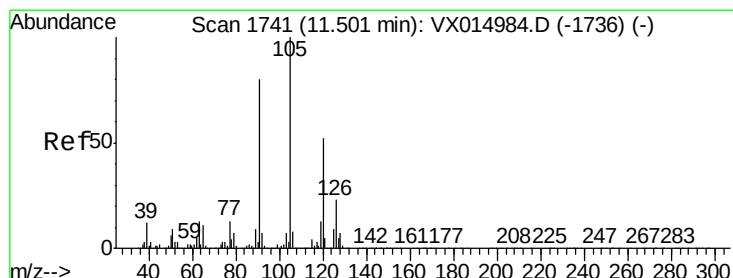
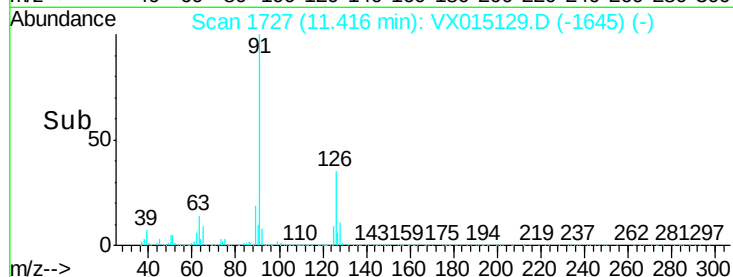
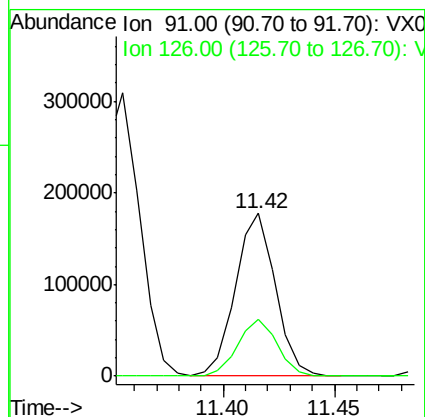
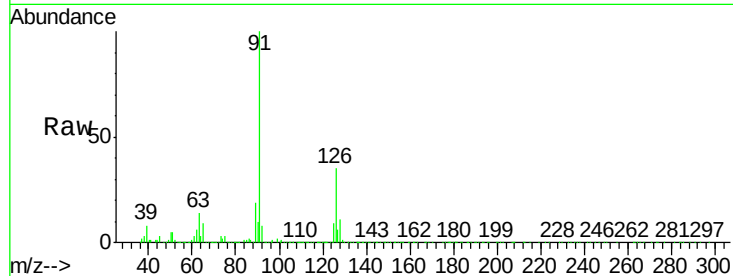
Ion Ratio Lower Upper

91 100

126 34.5 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.075 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015129.D

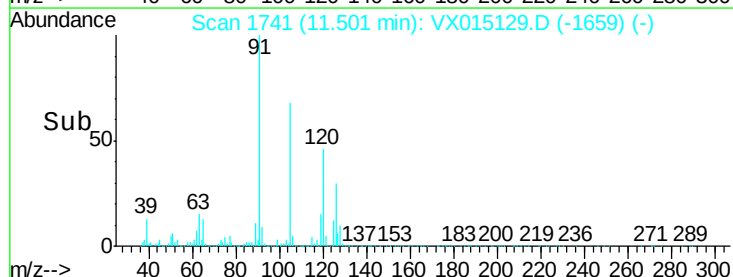
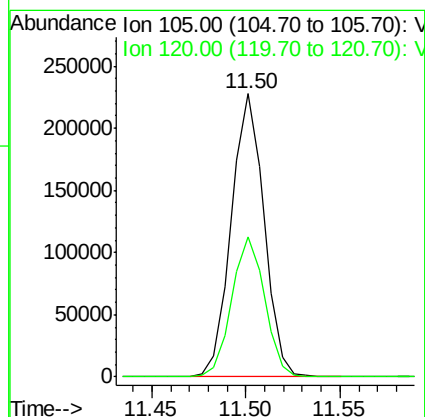
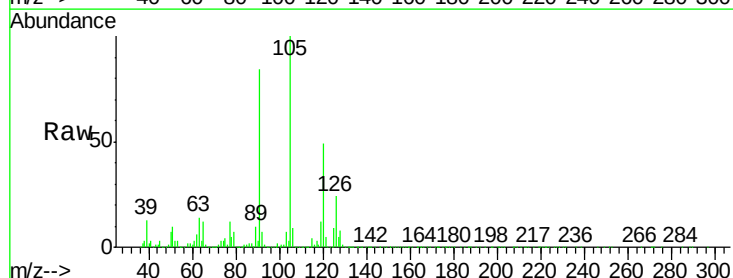
Acq: 06 Mar 2020 16:20

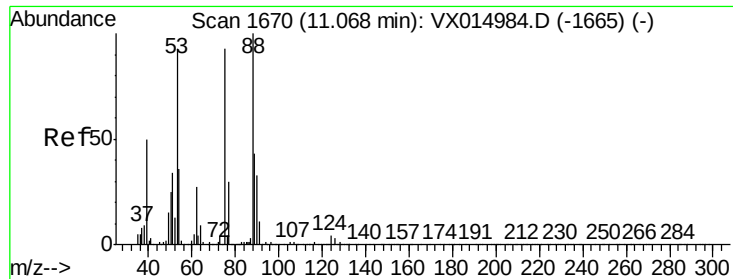
Tgt Ion: 105 Resp: 274026

Ion Ratio Lower Upper

105 100

120 49.8 0.0 101.0





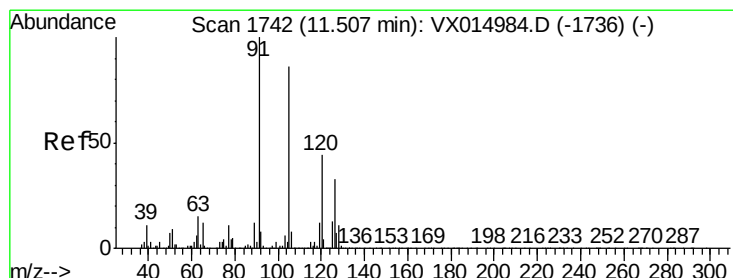
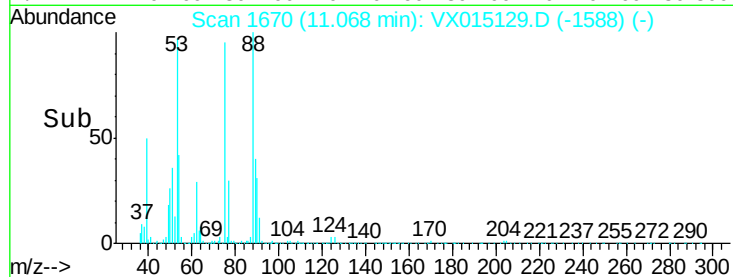
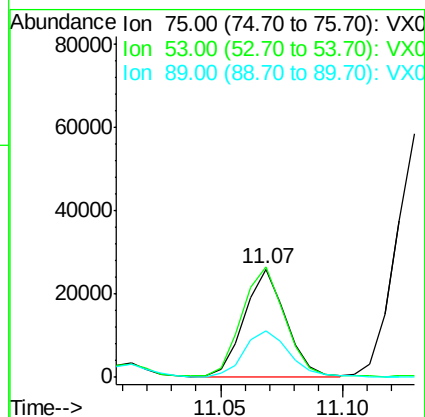
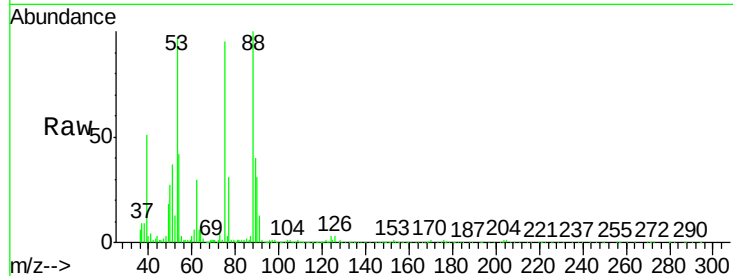
#77
t-1,4-Dichloro-2-butene
Concen: 16.356 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.0	50.0	149.8
89	41.9	23.5	70.5

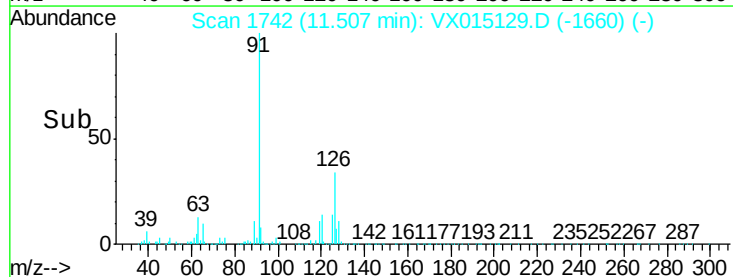
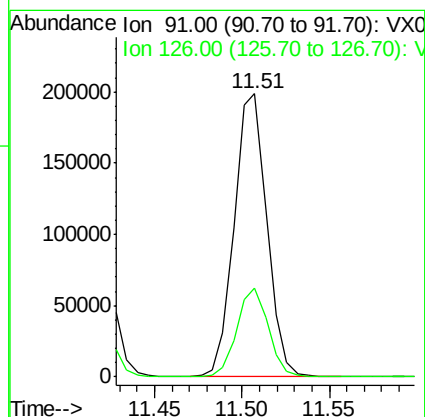
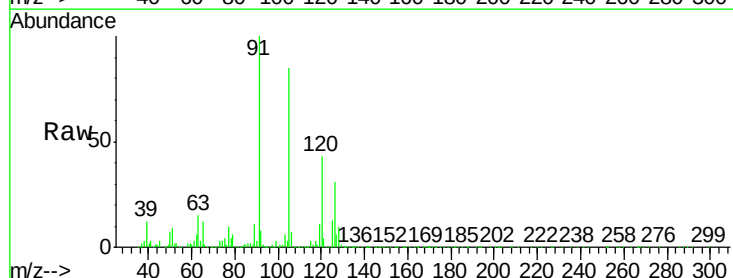
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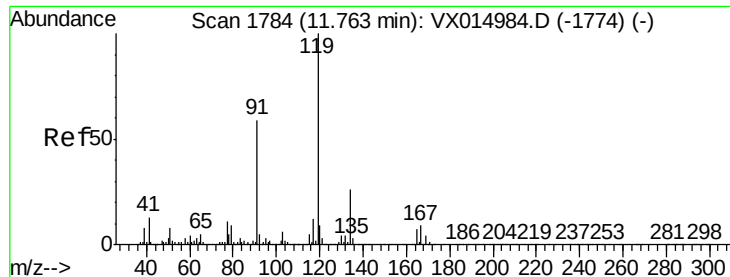
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#78
4-Chlorotoluene
Concen: 19.325 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	0.0	62.0





#79

tert-butylbenzene

Concen: 18.840 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

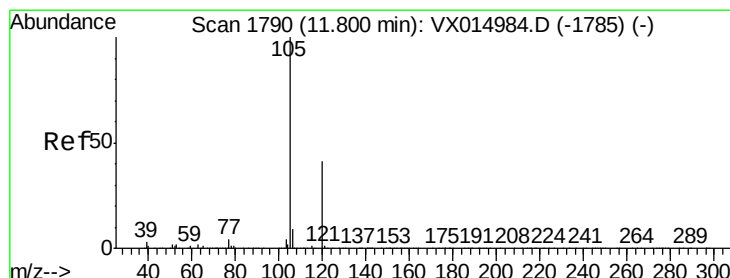
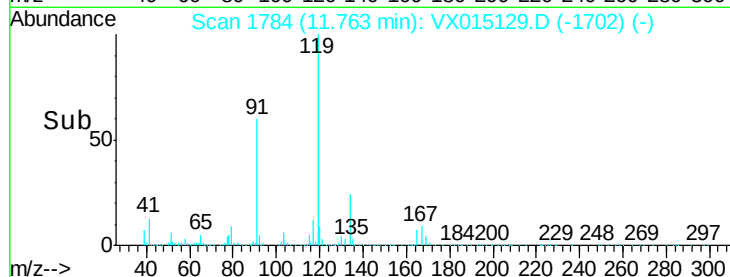
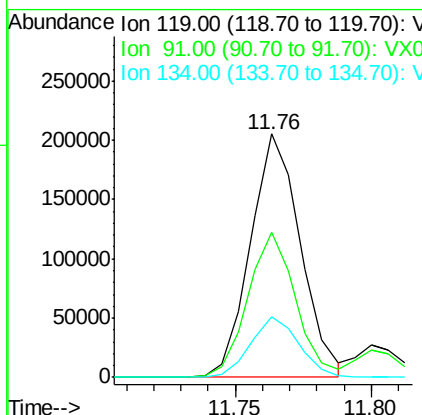
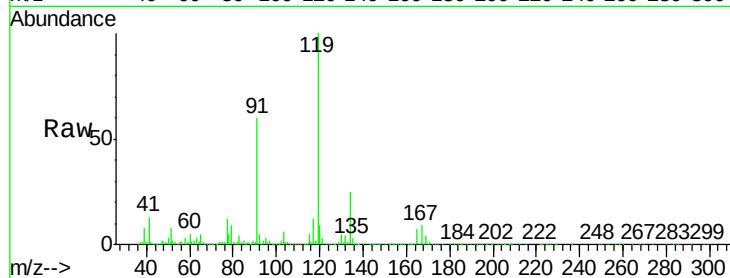
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	261477
Ion Ratio	Lower	Upper	
119	100		
91	56.9	0.0	114.4
134	24.1	0.0	48.8

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#80

1,2,4-Trimethylbenzene

Concen: 18.897 ug/l

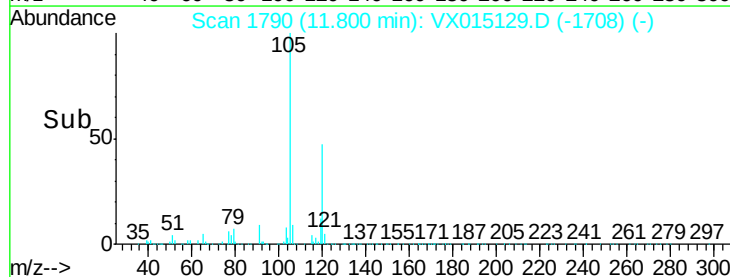
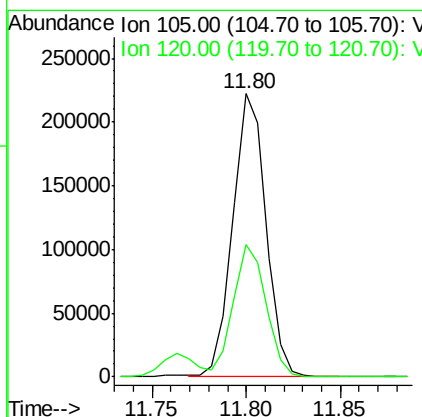
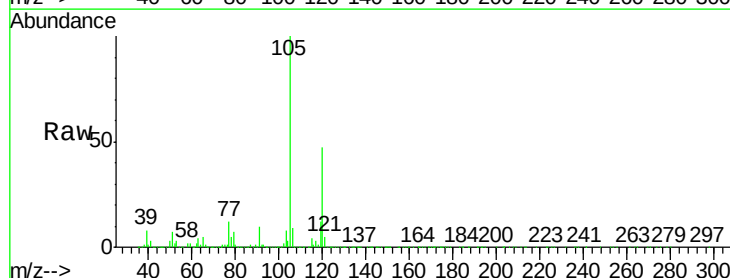
RT: 11.80 min Scan# 1790

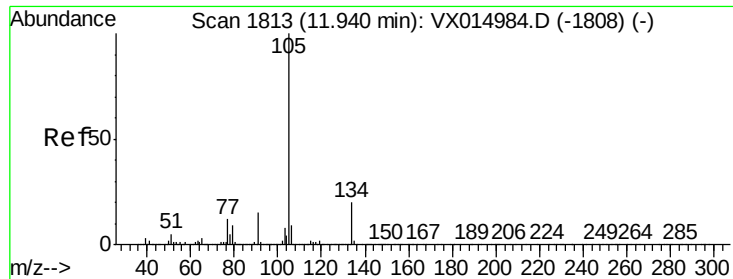
Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	105	Resp:	269880
Ion Ratio	Lower	Upper	
105	100		
120	46.2	0.0	93.4





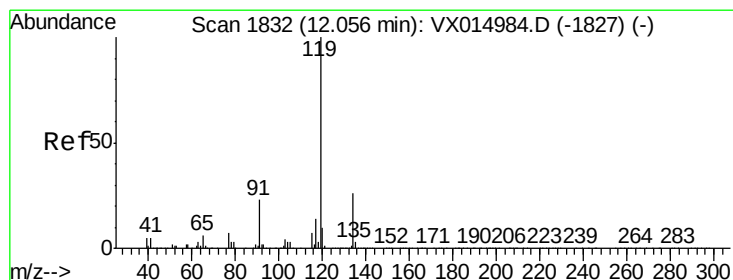
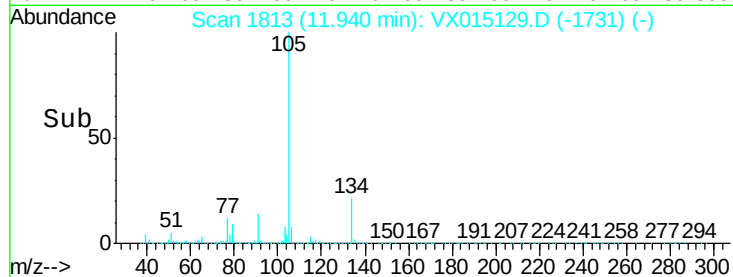
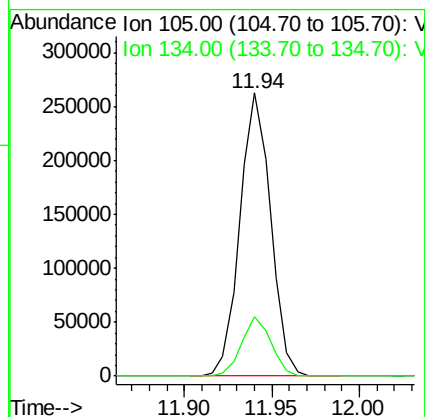
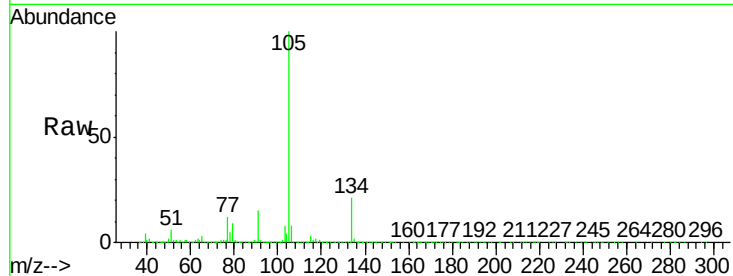
#81
 sec-Butylbenzene
 Concen: 19.192 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	0.0	40.8

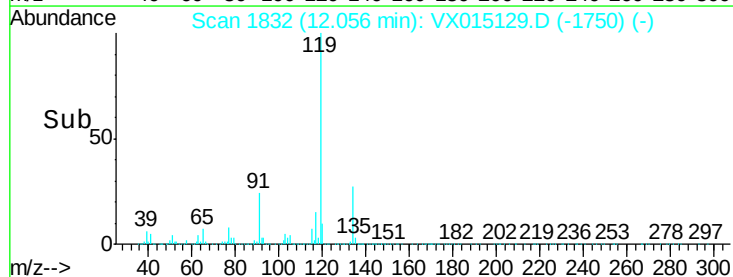
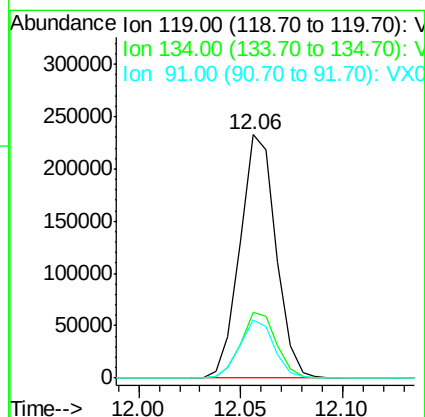
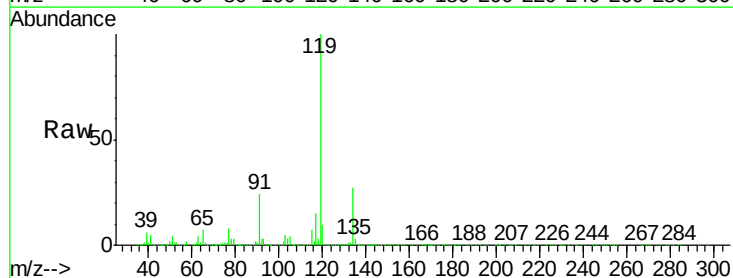
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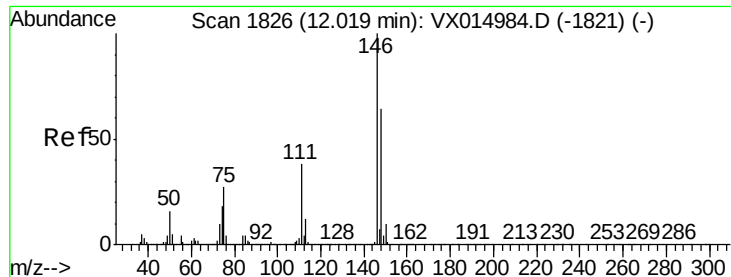
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#82
 p-Isopropyltoluene
 Concen: 18.380 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	0.0	53.2
91	23.2	0.0	44.6





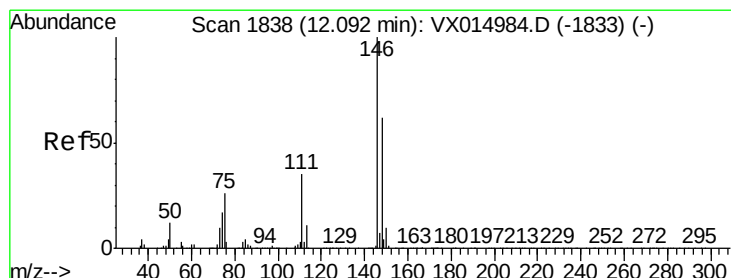
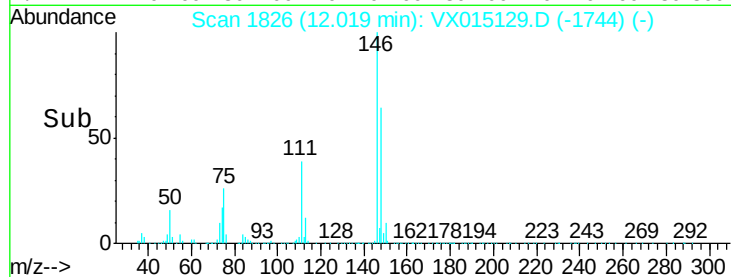
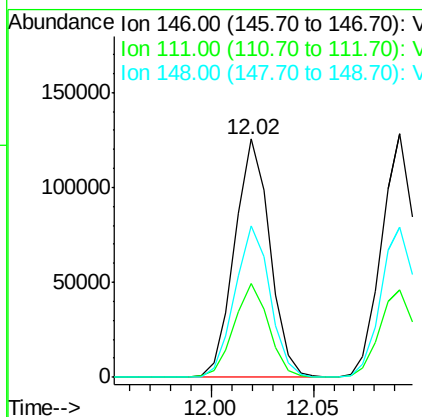
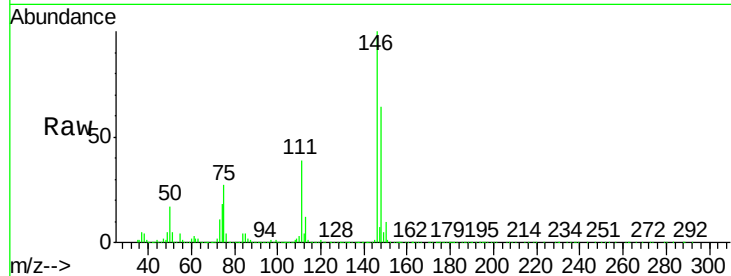
#83
 1,3-Dichlorobenzene
 Concen: 18.497 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	63.3	32.3	96.9

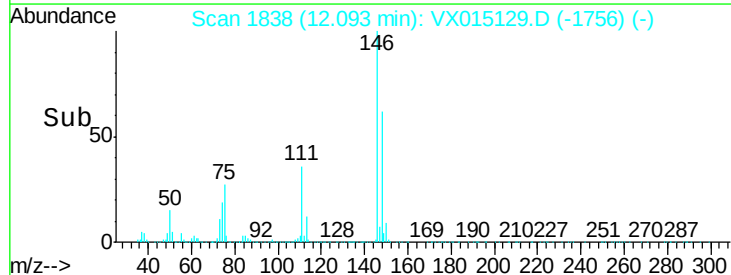
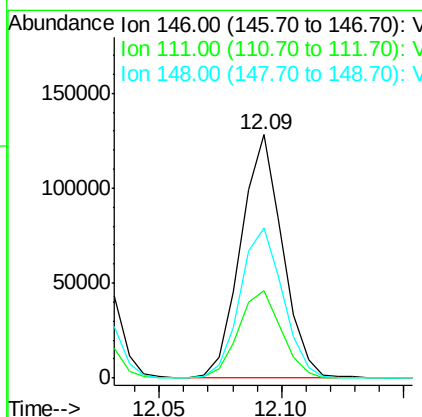
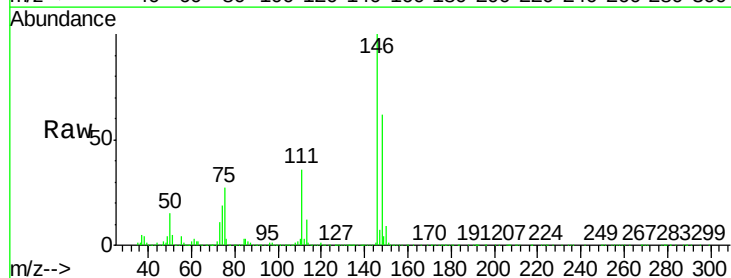
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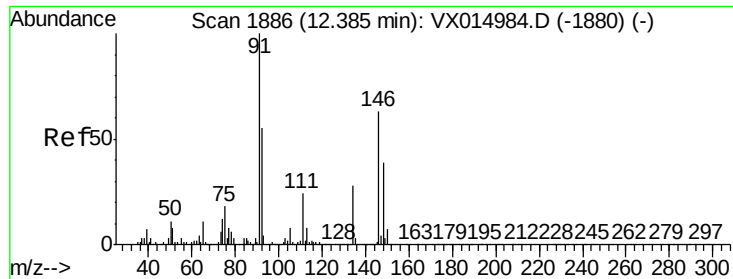
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#84
 1,4-Dichlorobenzene
 Concen: 18.591 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.8	53.5
148	62.7	31.4	94.2





#85

n-Butylbenzene

Concen: 18.351 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Instrument :

MSVOA_X

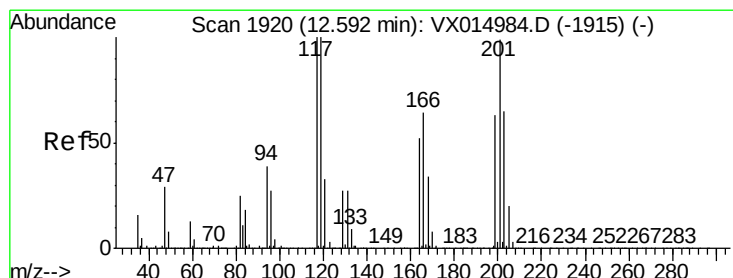
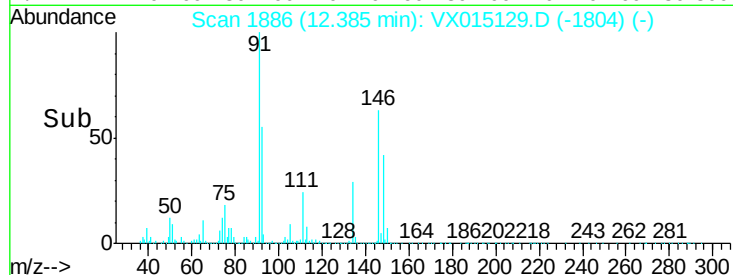
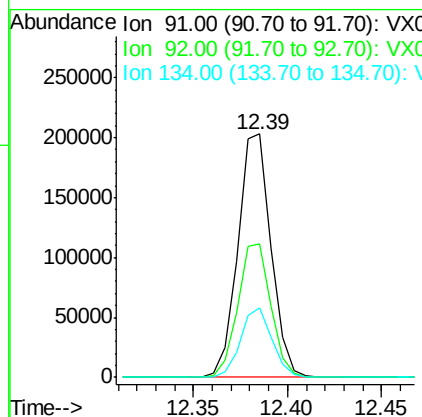
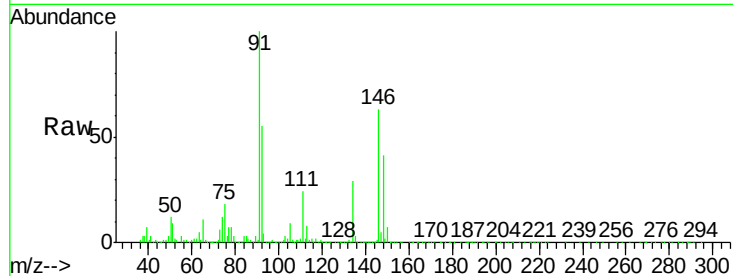
ClientSampleId :

VSTDCCC020EC

Tot Ion:	91	Resp:	246576
Ion Ratio	Lower	Upper	
91	100		
92	54.6	0.0	109.8
134	27.1	0.0	54.8

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#86

Hexachloroethane

Concen: 17.984 ug/l

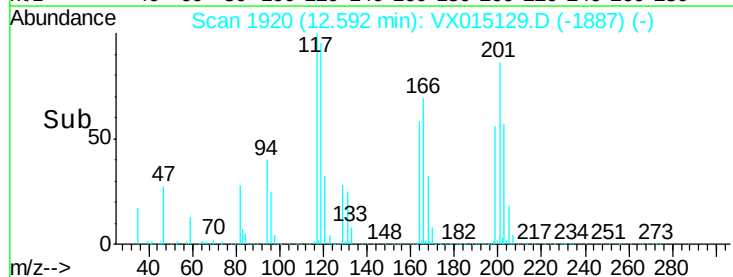
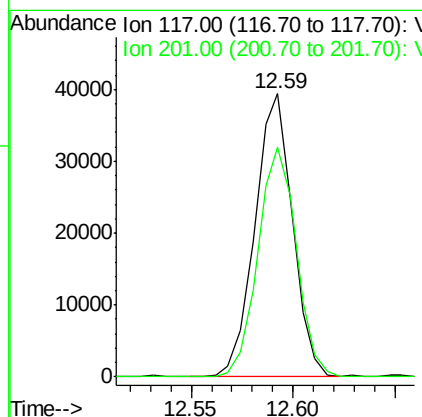
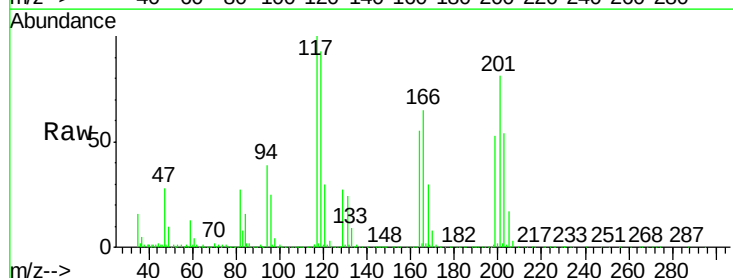
RT: 12.59 min Scan# 1920

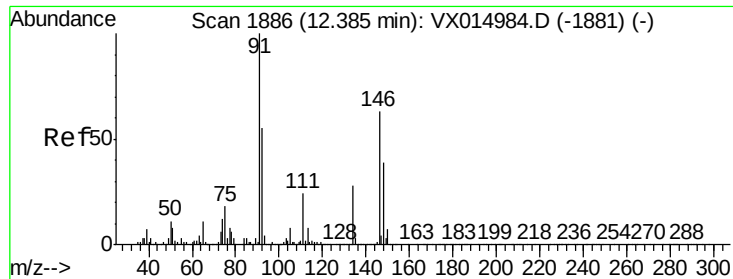
Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion:	117	Resp:	50196
Ion Ratio	Lower	Upper	
117	100		
201	83.3	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 18.630 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

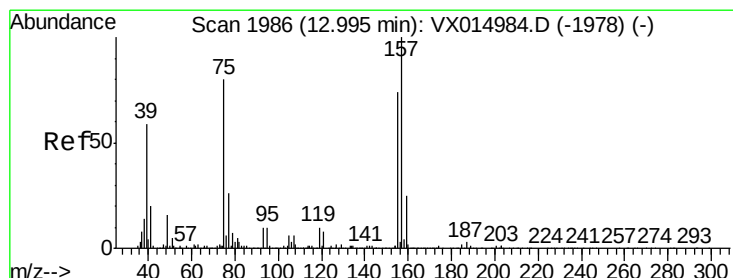
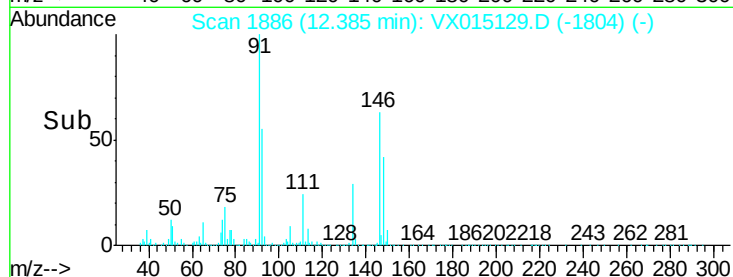
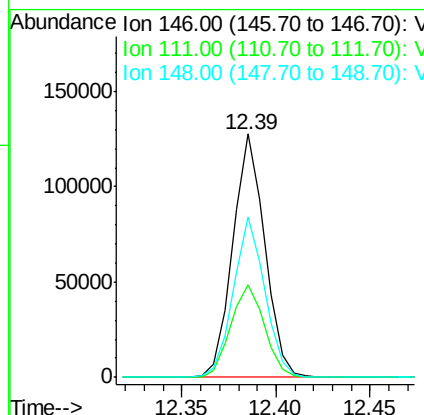
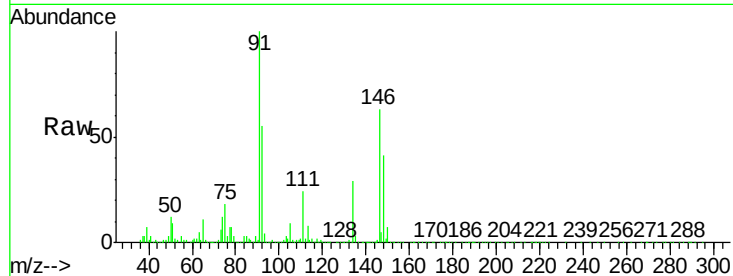
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.7	59.1
148	64.5	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.860 ug/l

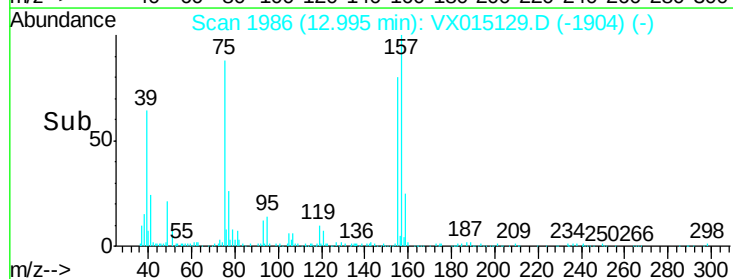
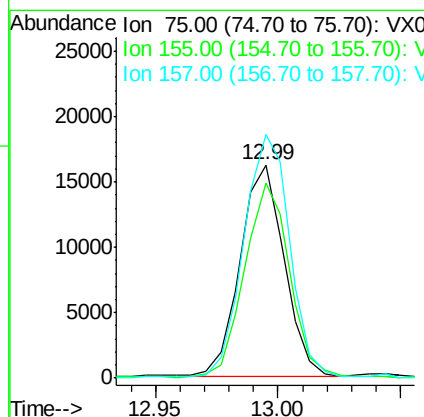
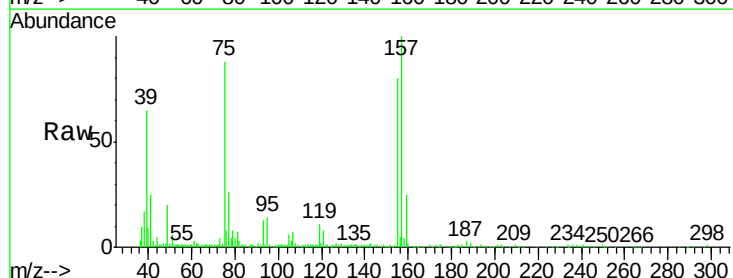
RT: 12.99 min Scan# 1886

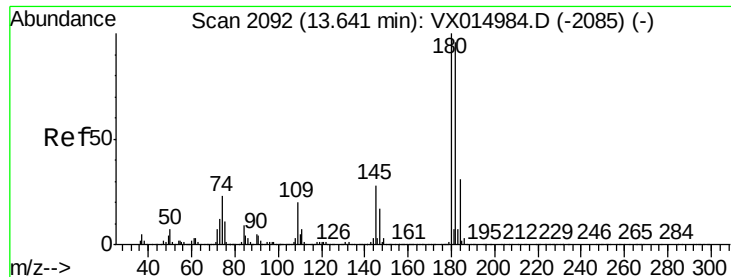
Delta R.T. 0.00 min

Lab File: VX015129.D

Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.9	74.5	111.7
157	120.9	96.2	144.4





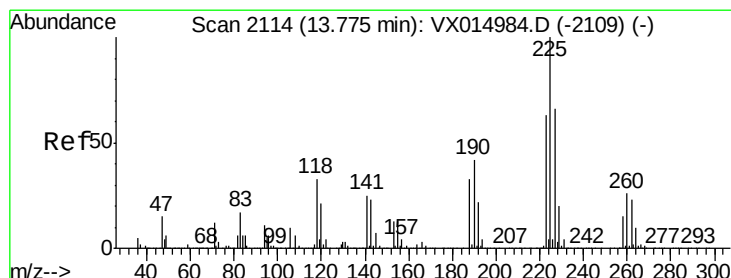
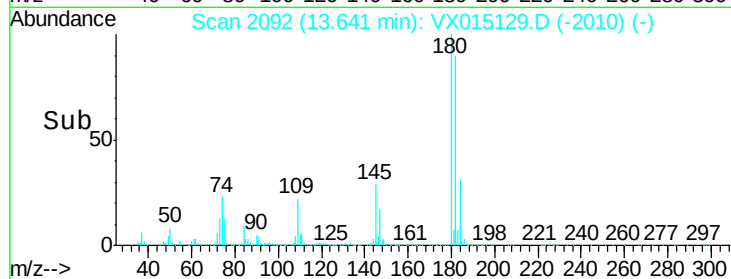
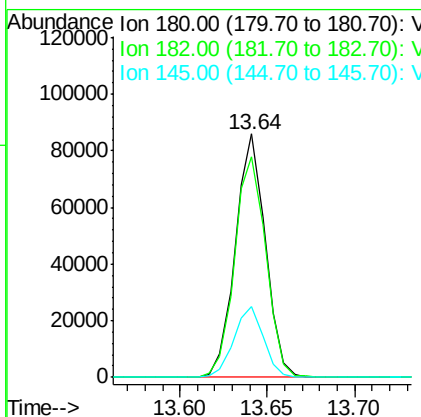
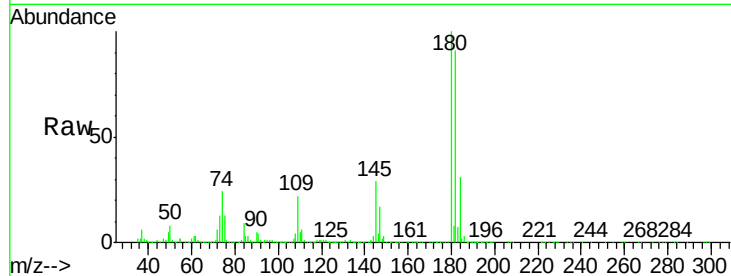
#89
 1,2,4-Trichlorobenzene
 Concen: 17.690 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.4	114.6
145	28.8	21.8	32.6

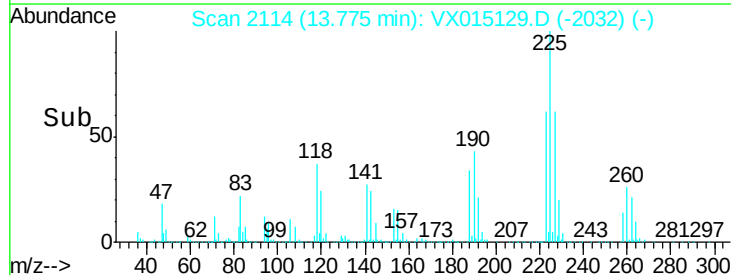
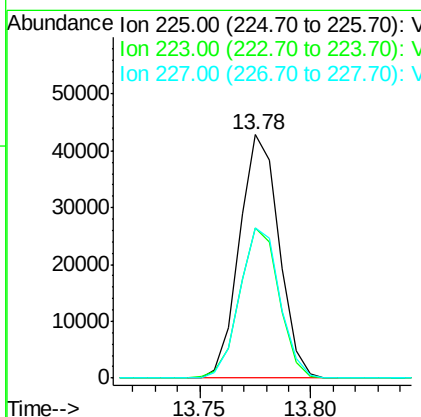
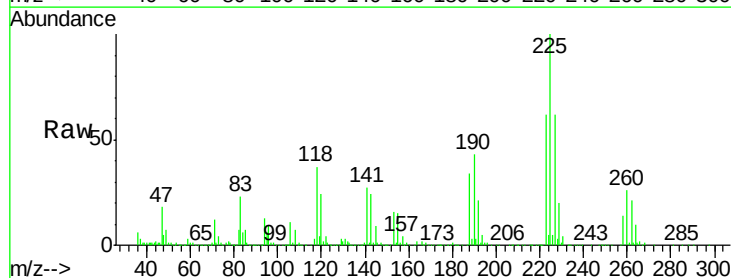
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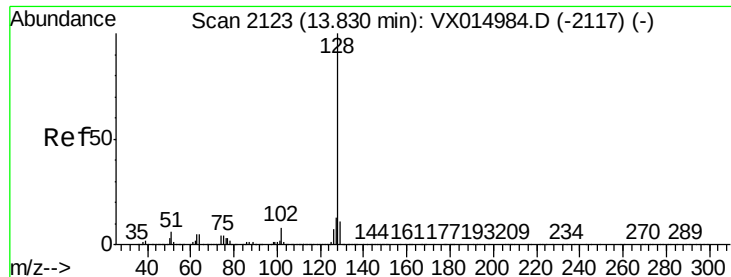
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#90
 Hexachlorobutadiene
 Concen: 18.461 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015129.D
 Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	0.0	132.0
227	62.4	0.0	131.0





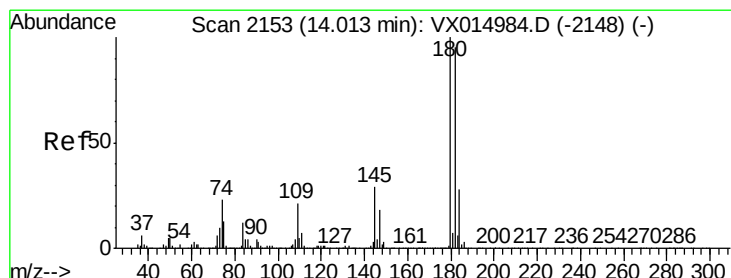
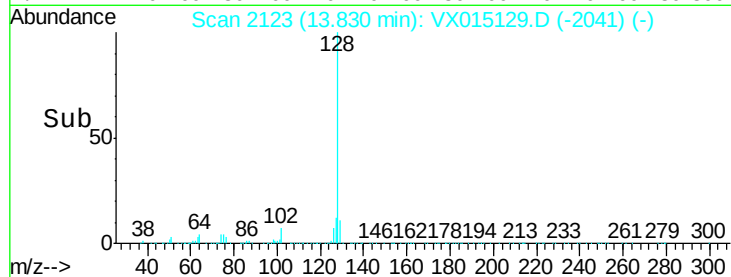
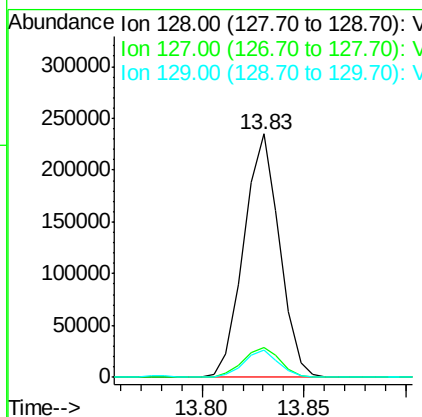
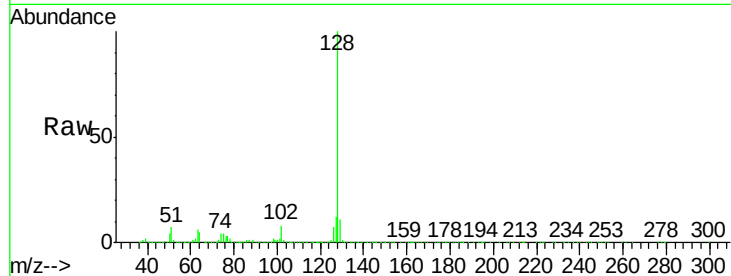
#91
Naphthalene
Concen: 17.394 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.4
129	11.0	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 18.449 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015129.D
Acq: 06 Mar 2020 16:20

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	0.0	192.4
145	30.5	0.0	60.4

