

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
 Data File : VX015273.D
 Acq On : 13 Mar 2020 20:59
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:32 PM

Quant Time: Mar 16 09:40:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	47837	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	259662	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	247187	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	95434	29.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.57%
60) 4-Bromofluorobenzene	11.13	95	117285	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	8.71	98	325826	30.77	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.57%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	41323	17.177	ug/l 95
3) Chloromethane	1.32	50	59171	17.035	ug/l 96
4) Vinyl Chloride	1.40	62	58992	16.690	ug/l 98
5) Bromomethane	1.64	94	37353	16.221	ug/l 93
6) Chloroethane	1.72	64	36189	16.301	ug/l 97
7) Trichlorofluoromethane	1.93	101	74724	16.583	ug/l 98
8) Diethyl Ether	2.18	74	31927	15.986	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	47320	17.123	ug/l 99
10) 1,1-Dichloroethene	2.37	96	48196	17.299	ug/l 98
11) Methyl Iodide	2.51	142	42587	14.861	ug/l 96
12) Methyl Acetate	2.76	43	65952	19.190	ug/l 99
13) Acrolein	2.29	56	39657	73.067	ug/l 99
14) Acrylonitrile	3.14	53	150438	94.329	ug/l 98
15) Acetone	2.44	58	38269	81.780	ug/l 98
16) Carbon Disulfide	2.56	76	134366	17.222	ug/l 99
17) Allyl chloride	2.72	41	93689	18.126	ug/l 94
18) Methylene Chloride	2.85	84	56986	18.099	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	54469	18.125	ug/l 95
20) Diisopropyl ether	3.84	45	189294	18.436	ug/l 96
21) 1,1-Dichloroethane	3.69	63	101170	18.596	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	61751	18.178	ug/l 98
23) tert-Butyl Alcohol	3.04	59	57213	91.757	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	161345	17.923	ug/l 99
25) Chloroform	5.20	83	96610	18.668	ug/l 98
26) Cyclohexane	5.58	56	90177	17.836	ug/l # 100
29) 1,1-Dichloropropene	5.79	75	75093	18.846	ug/l 98
30) 2-Butanone	4.67	43	199317	93.406	ug/l 99
31) 2,2-Dichloropropane	4.58	77	66315	16.200	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	80275	18.513	ug/l 99
33) Carbon Tetrachloride	5.78	117	69155	18.636	ug/l 97
34) Benzene	6.14	78	231360	19.161	ug/l 99
35) Methacrylonitrile	5.03	41	45245	19.612	ug/l 98
36) 1,2-Dichloroethane	6.18	62	75631	18.778	ug/l 99
37) Trichloroethene	7.21	130	65476	19.608	ug/l 95
38) Methylcyclohexane	7.46	83	86391	17.844	ug/l 97
39) 1,2-Dichloropropane	7.51	63	61889	19.842	ug/l 93
40) Dibromomethane	7.65	93	38736	19.540	ug/l 100

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Manual Integrations
 APPROVED

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 3/16/2020 2:07:32 PM

Quant Time: Mar 16 09:40:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	73963	18.864	ug/l	95
42) Vinyl Acetate	3.81	43	781286	92.845	ug/l	100
43) Ethyl Acetate	4.83	43	81446	20.117	ug/l	99
44) Isopropyl Acetate	6.43	43	129812	18.956	ug/l	99
45) 1,4-Dioxane	7.75	88	28911	429.848	ug/l	98
46) Methyl methacrylate	7.76	41	64440	19.083	ug/l	95
47) n-amyl Acetate	10.89	43	109647	17.844	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	79884	18.737	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	92574	19.120	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	58215	19.860	ug/l	96
51) Ethyl methacrylate	9.17	69	87520	19.134	ug/l	97
52) 1,3-Dichloropropane	9.37	76	102061	20.572	ug/l	98
53) Dibromochloromethane	9.57	129	60792	19.474	ug/l	94
54) 1,2-Dibromoethane	9.67	107	61432	20.316	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	226182	98.735	ug/l	99
56) Bromoform	10.85	173	45831	18.725	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	413490	98.257	ug/l	99
59) 2-Hexanone	9.48	43	304432	95.712	ug/l	99
61) Tetrachloroethene	9.33	164	66744	19.397	ug/l	96
62) Toluene	8.78	91	249645	19.085	ug/l	100
64) Chlorobenzene	10.14	112	155824	18.644	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	57988	18.836	ug/l	99
66) Ethyl Benzene	10.25	91	271921	18.661	ug/l	99
67) m/p-Xylenes	10.35	106	209157	37.393	ug/l	99
68) o-Xylene	10.70	106	98785	18.420	ug/l	99
69) Styrene	10.71	104	172039	18.433	ug/l	99
70) Isopropylbenzene	11.01	105	265135	18.575	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	87465	18.877	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	71550m	18.866	ug/l	
73) Bromobenzene	11.25	156	72469	18.616	ug/l	98
74) n-propylbenzene	11.35	91	312747	18.546	ug/l	98
75) 2-Chlorotoluene	11.42	91	181516	18.436	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	221036	18.140	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	26255	16.529	ug/l	96
78) 4-Chlorotoluene	11.51	91	211323	18.643	ug/l	98
79) tert-butylbenzene	11.76	119	212389	18.592	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	226443	18.797	ug/l	100
81) sec-Butylbenzene	11.94	105	262791	18.536	ug/l	100
82) p-Isopropyltoluene	12.06	119	239392	18.362	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	130227	18.933	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	131038	19.046	ug/l	99
85) n-Butylbenzene	12.38	91	208484	18.247	ug/l	99
86) Hexachloroethane	12.59	117	41714	18.277	ug/l	92
87) 1,2-Dichlorobenzene	12.38	146	128787	19.203	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17280	18.114	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	90952	18.348	ug/l	100
90) Hexachlorobutadiene	13.77	225	44651	17.508	ug/l	99
91) Naphthalene	13.83	128	256155	18.653	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	93295	18.700	ug/l	97

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ClientSampleId :
VSTDCCC020

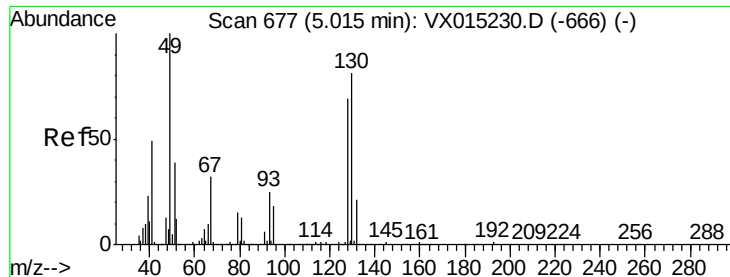
Manual Integrations
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3/16/2020 2:07:32 PM

Quant Time: Mar 16 09:40:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 12 14:12:53 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

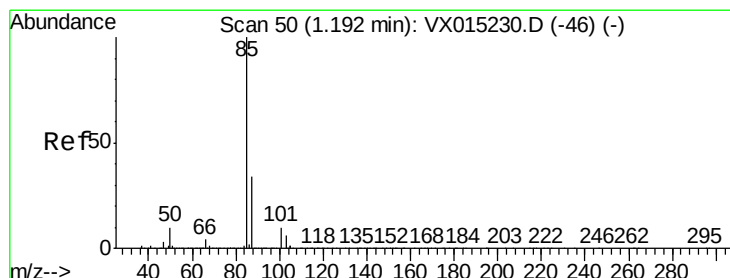
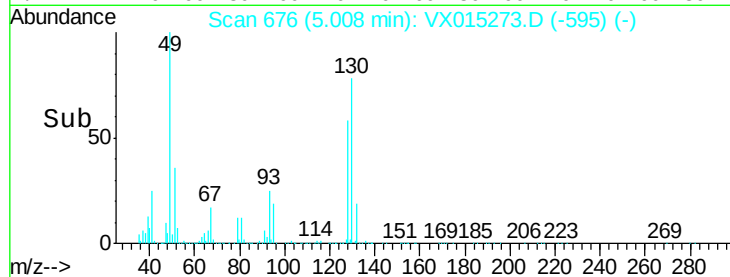
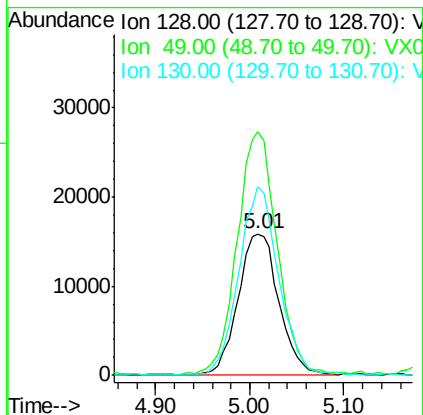
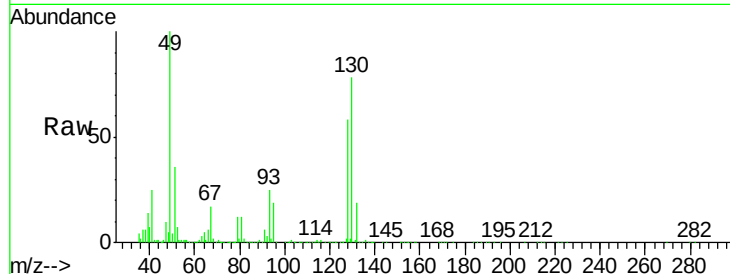
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	166.1	0.0	406.8
130	130.6	0.0	319.3

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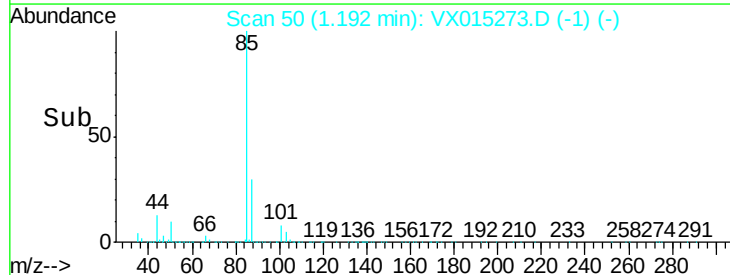
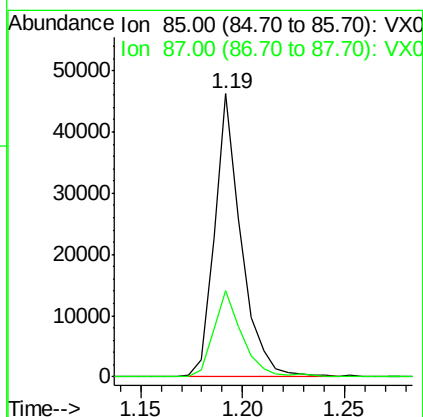
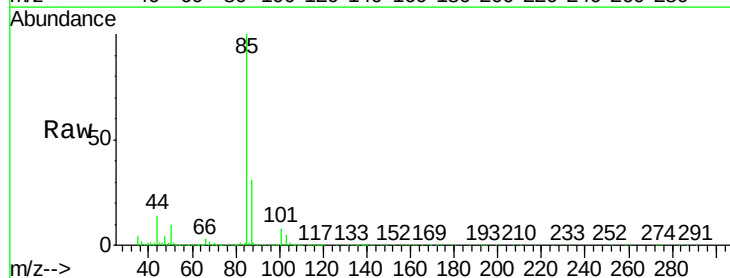
MMDadoda
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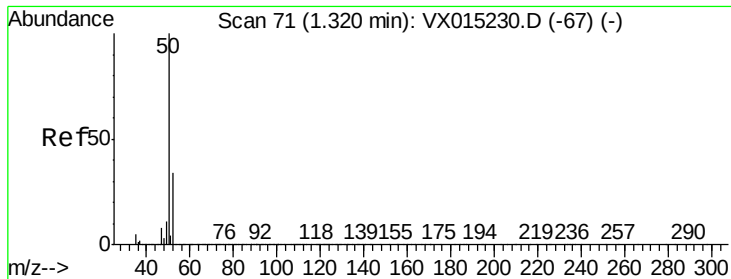


#2

Dichlorodifluoromethane
 Concen: 17.177 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.3	16.7	50.1





#3

Chloromethane

Concen: 17.035 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 59171

Ion Ratio Lower Upper

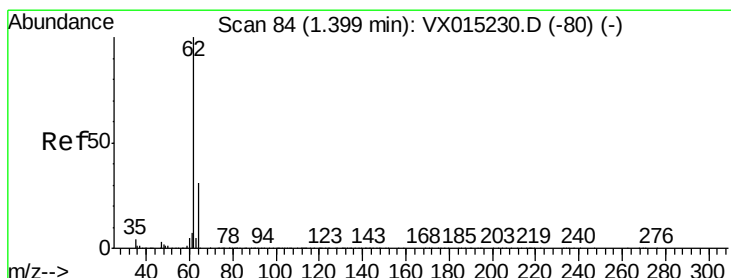
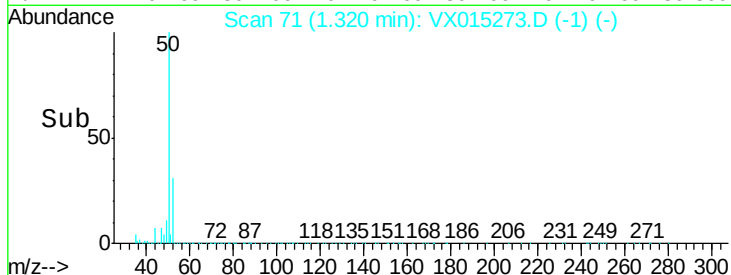
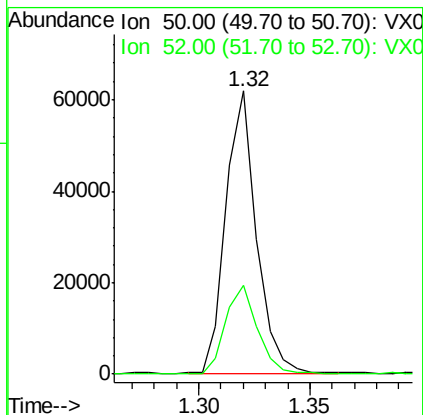
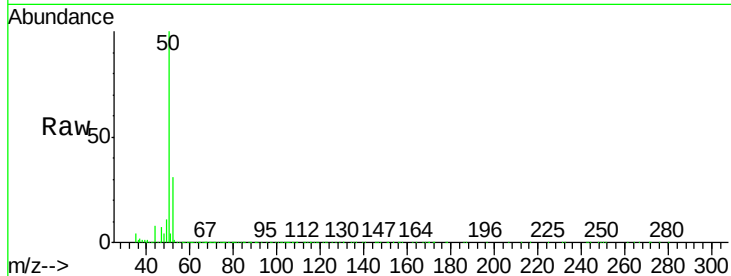
50 100

52 31.4 26.9 40.3

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#4

Vinyl Chloride

Concen: 16.690 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015273.D

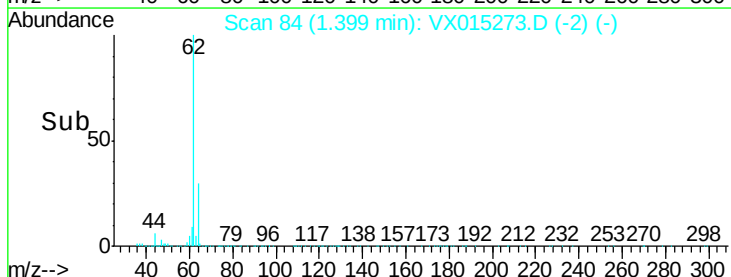
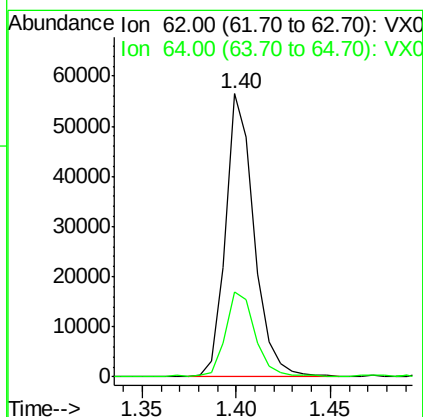
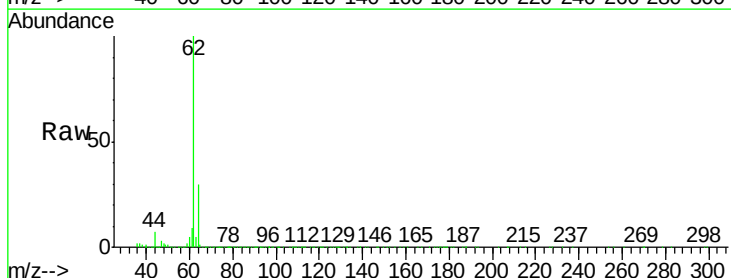
Acq: 13 Mar 2020 20:59

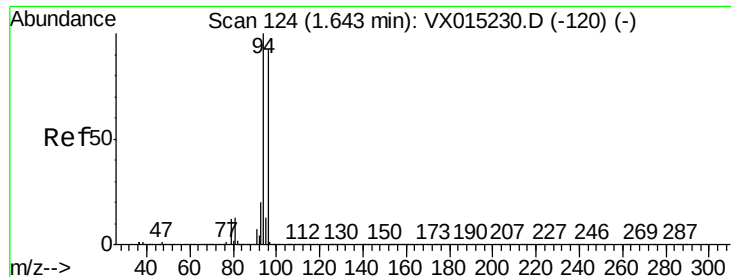
Tgt Ion: 62 Resp: 58992

Ion Ratio Lower Upper

62 100

64 30.0 24.9 37.3





#5

Bromomethane

Concen: 16.221 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 37353

Ion Ratio Lower Upper

94 100

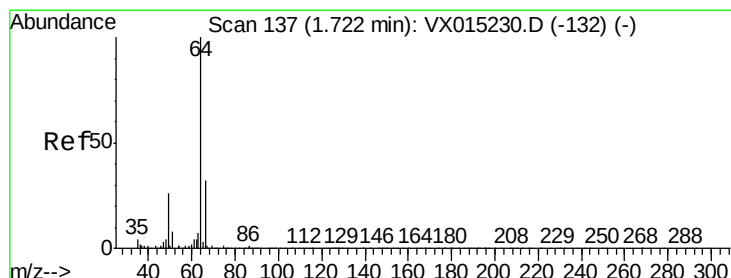
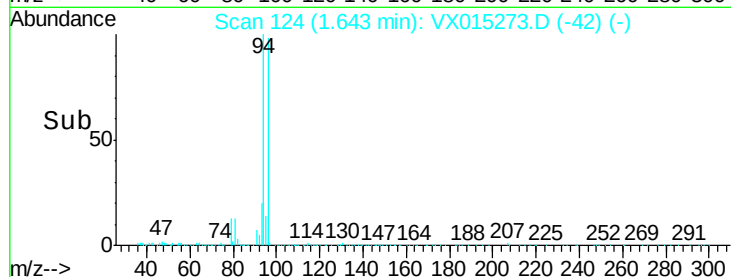
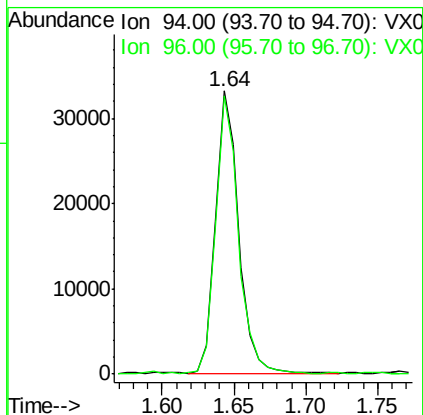
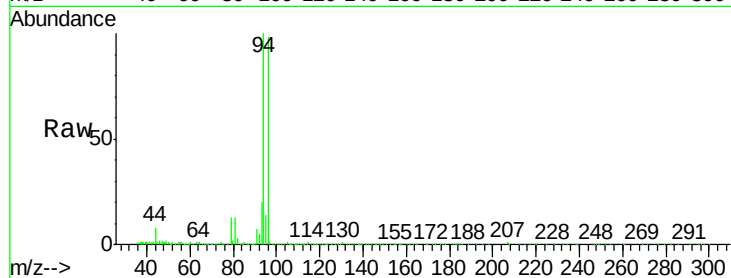
96 97.9 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 16.301 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015273.D

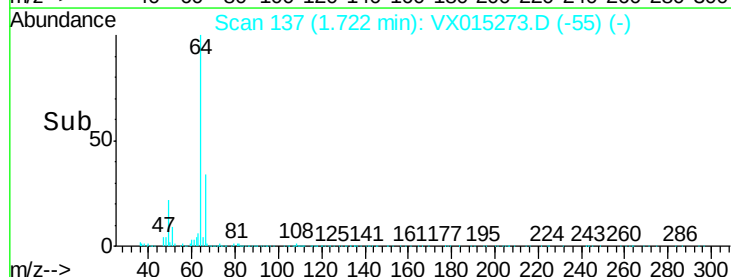
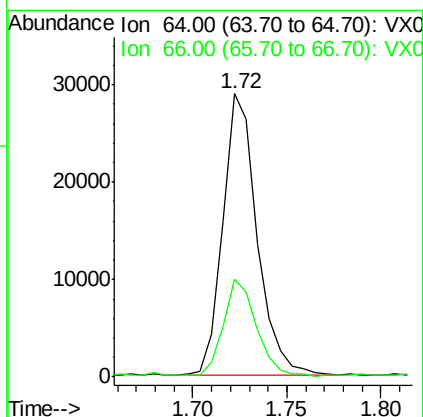
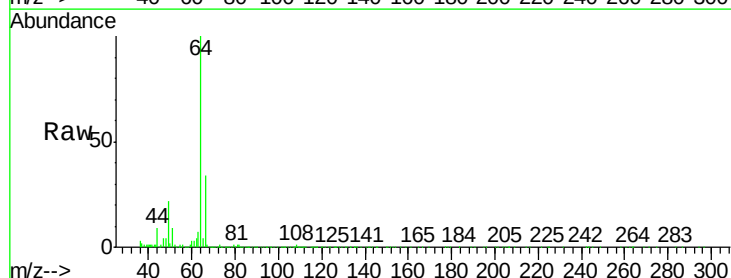
Acq: 13 Mar 2020 20:59

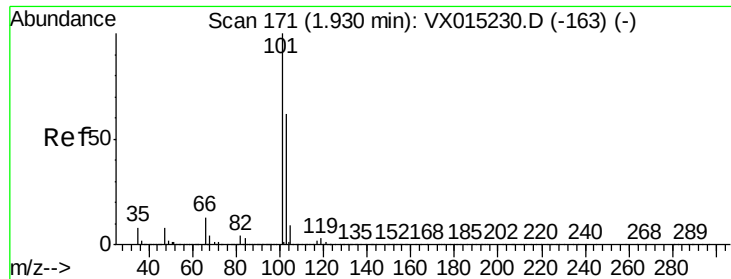
Tgt Ion: 64 Resp: 36189

Ion Ratio Lower Upper

64 100

66 34.1 25.9 38.9





#7

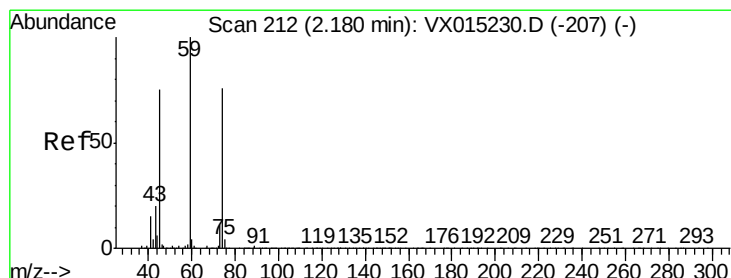
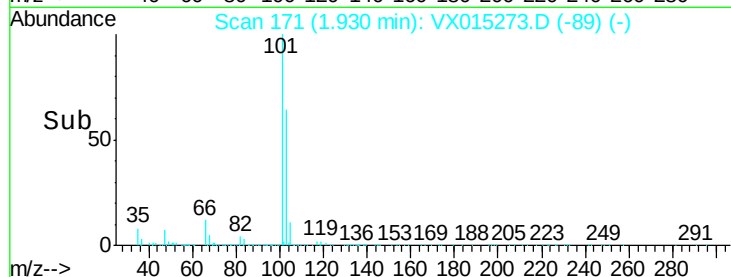
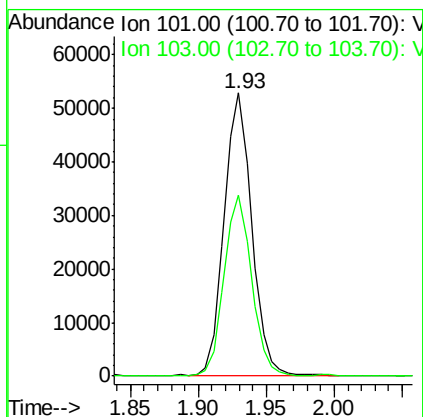
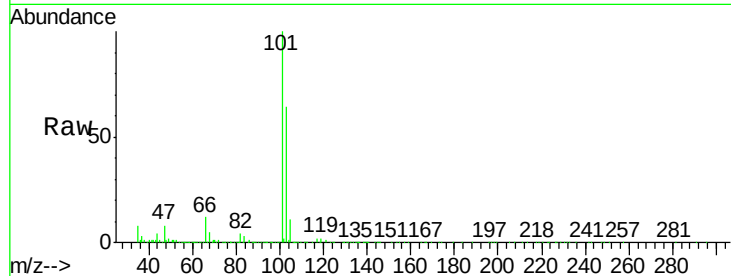
Trichlorofluoromethane
Concen: 16.583 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	49.9	74.9

Manual Integrations
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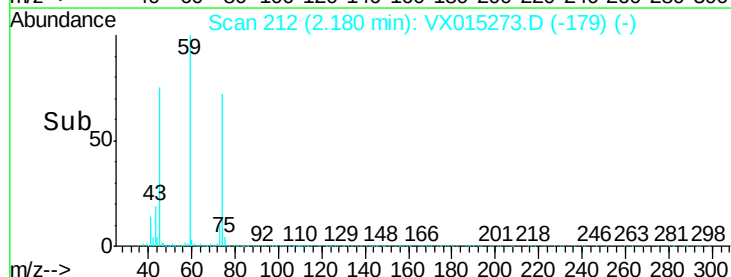
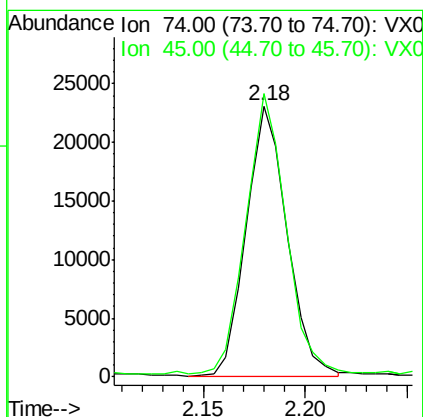
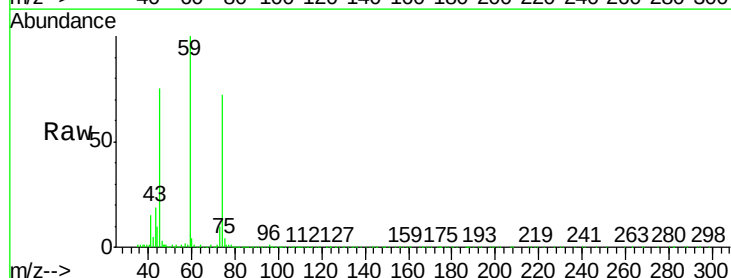
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3/16/2020 2:07:32 PM

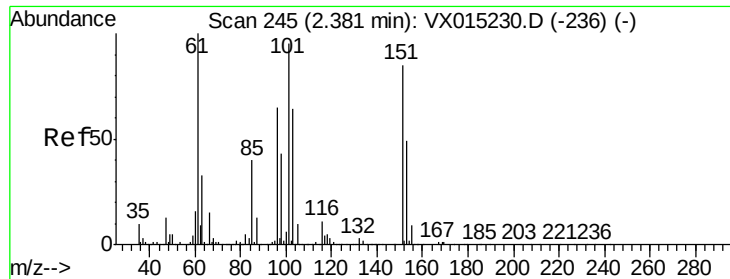


#8

Diethyl Ether
Concen: 15.986 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.8	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.123 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

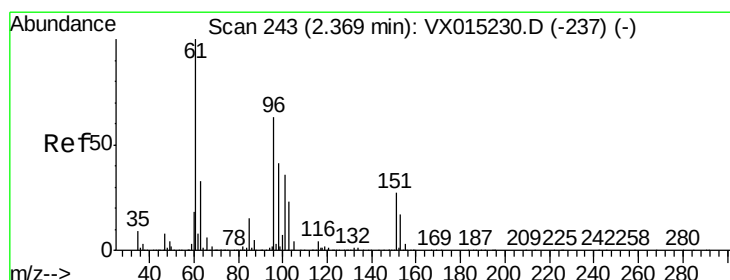
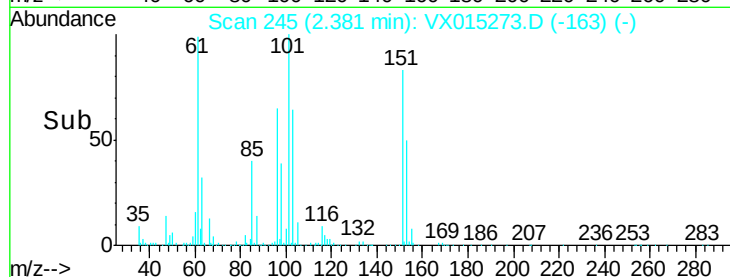
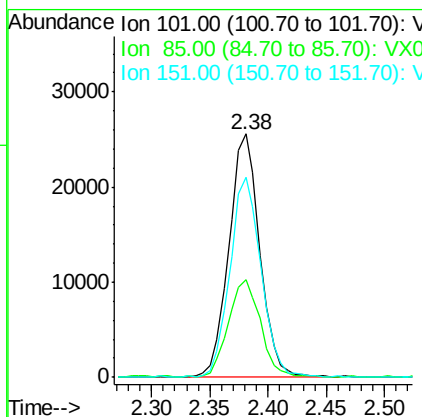
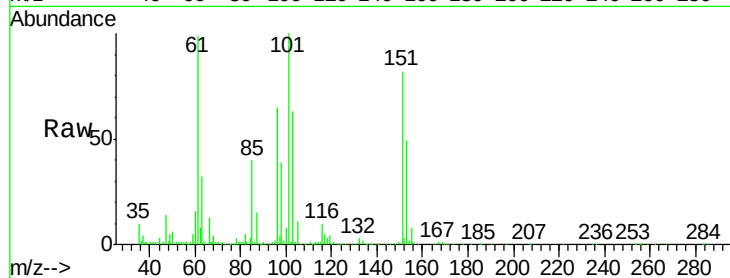
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	47320
Ion Ratio	Lower	Upper	
101	100		
85	41.9	0.0	82.0
151	81.5	0.0	165.0

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 17.299 ug/l

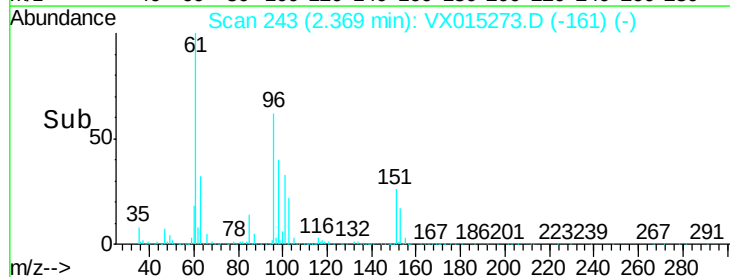
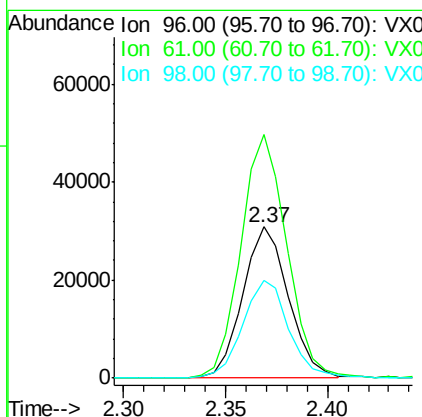
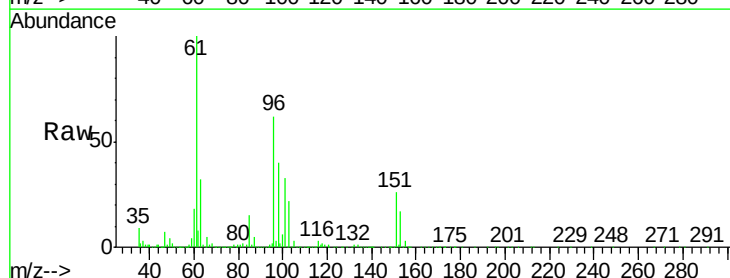
RT: 2.37 min Scan# 243

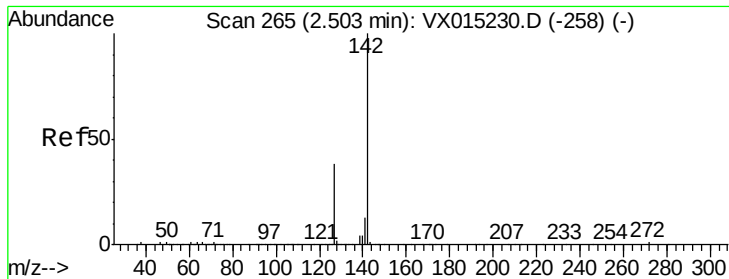
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	96	Resp:	48196
Ion Ratio	Lower	Upper	
96	100		
61	160.2	126.2	189.2
98	64.2	52.1	78.1





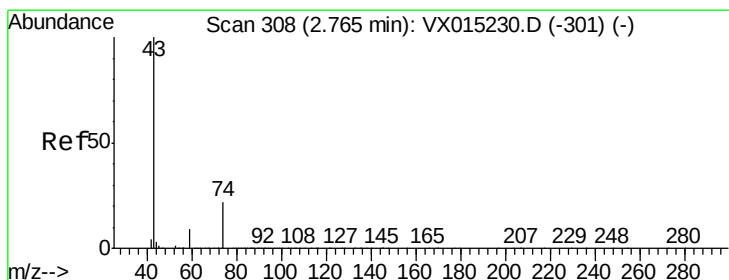
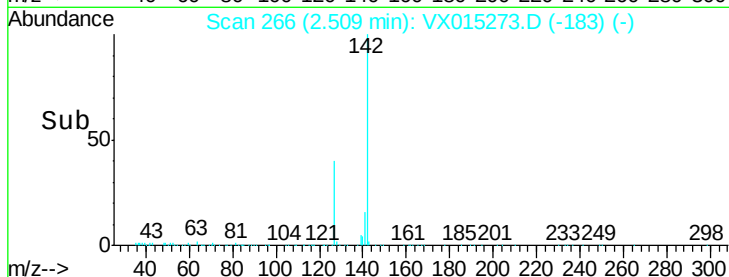
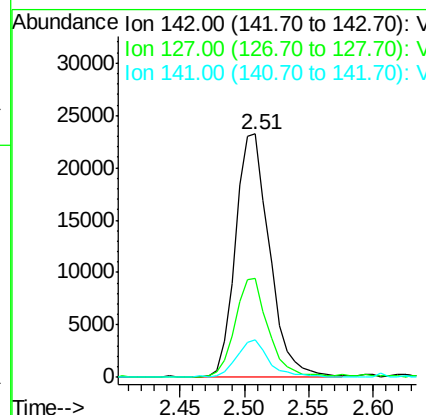
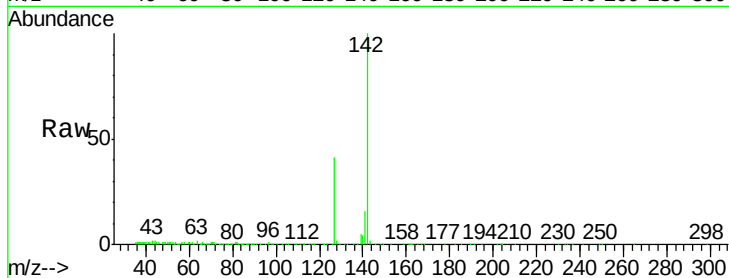
#11
Methyl Iodide
Concen: 14.861 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.9	18.9	56.9
141	15.5	6.6	19.7

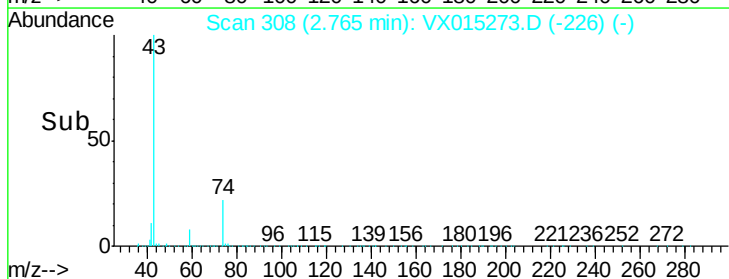
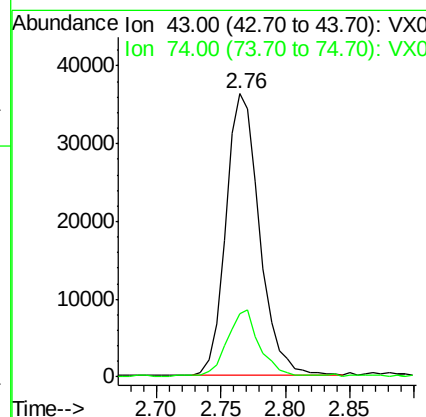
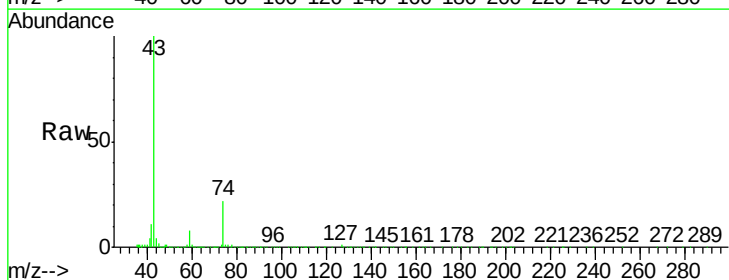
Manual Integrations
APPROVED

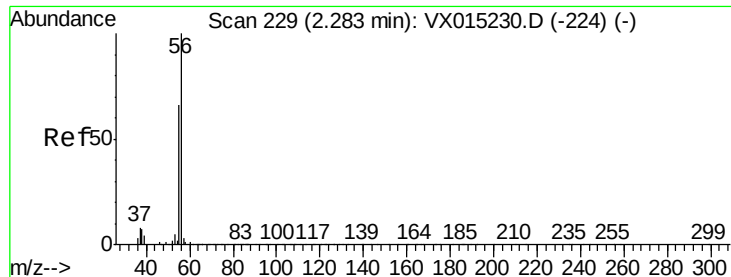
MMDadoda
3/16/2020 2:07:32 PM



#12
Methyl Acetate
Concen: 19.190 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	18.0	27.0





#13

Acrolein

Concen: 73.067 ug/l

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 39657

Ion Ratio Lower Upper

56 100

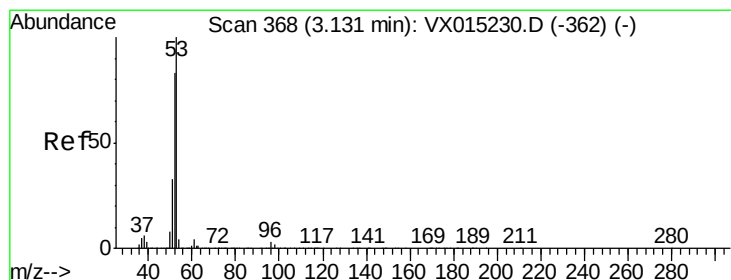
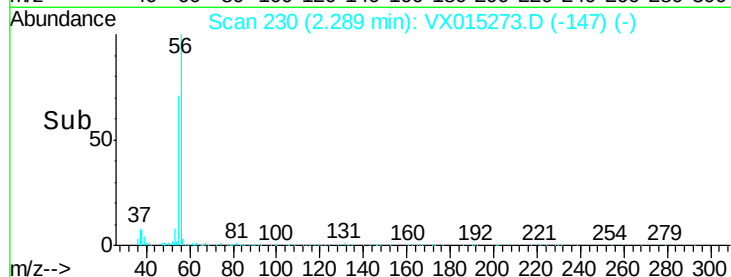
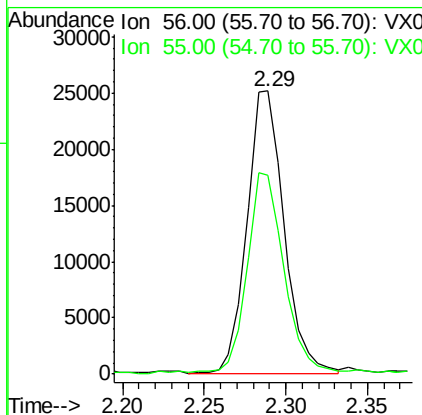
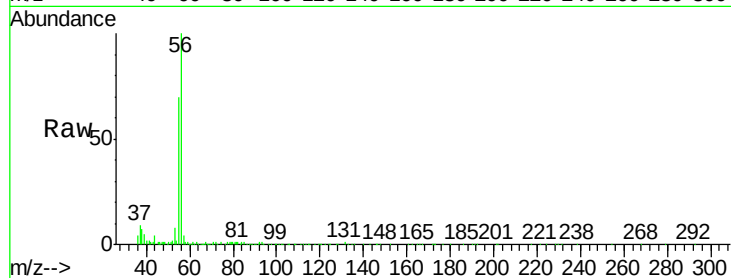
55 69.8 55.1 82.7

Manual Integrations

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#14

Acrylonitrile

Concen: 94.329 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

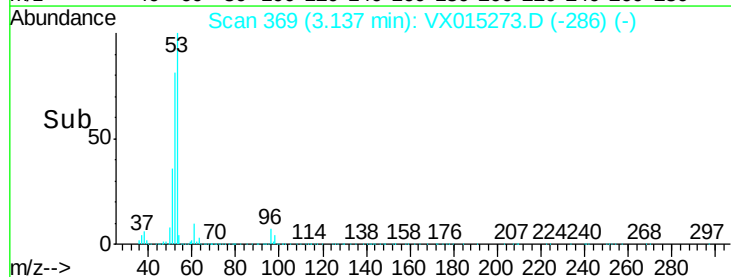
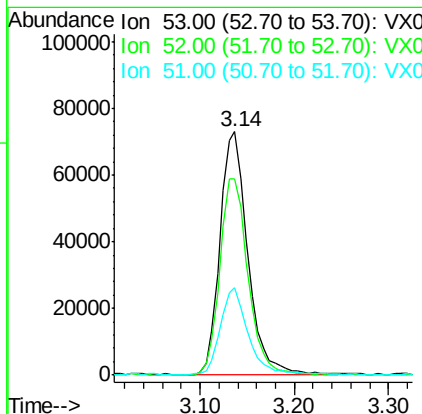
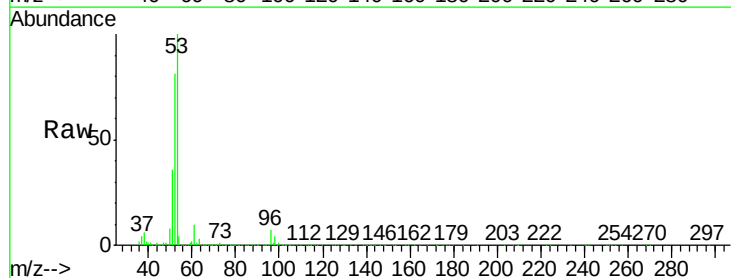
Tgt Ion: 53 Resp: 150438

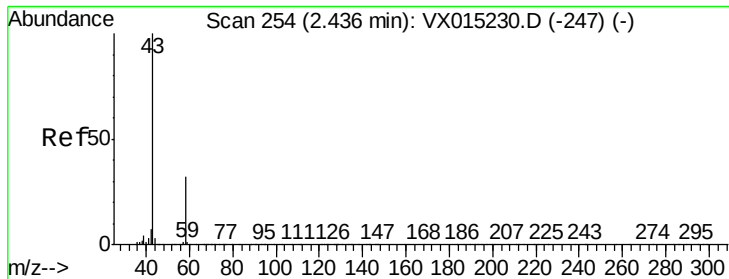
Ion Ratio Lower Upper

53 100

52 80.5 41.5 124.5

51 35.2 17.7 53.1





#15

Acetone

Concen: 81.780 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 38269

Ion Ratio Lower Upper

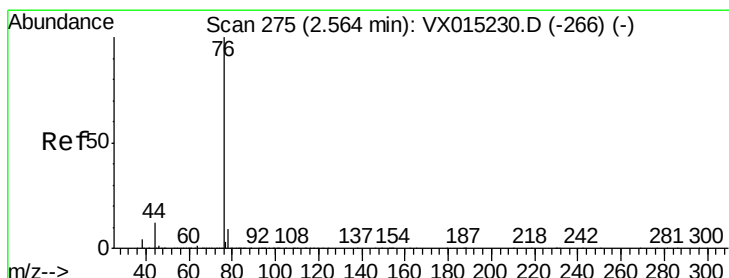
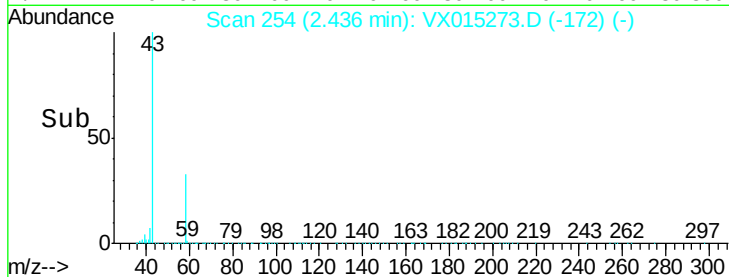
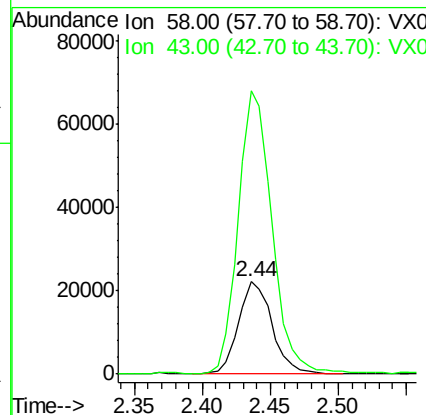
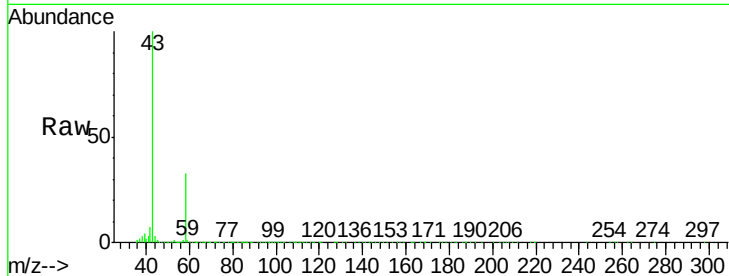
58 100

43 307.3 248.7 373.1

Manual Integrations
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#16

Carbon Disulfide

Concen: 17.222 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015273.D

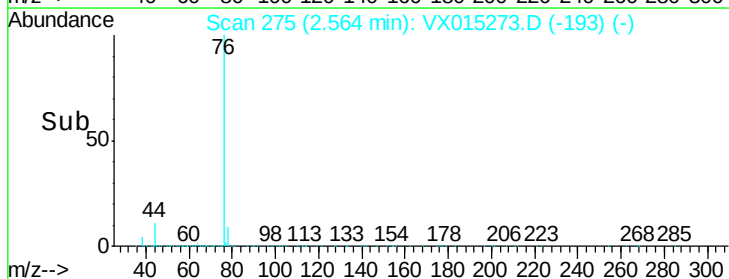
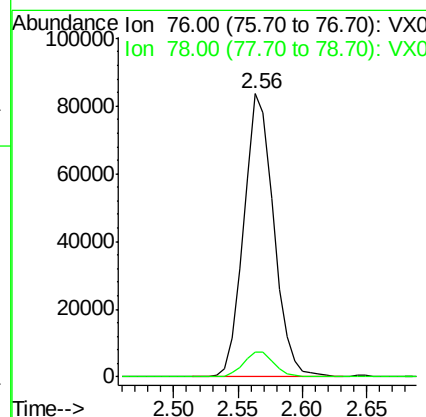
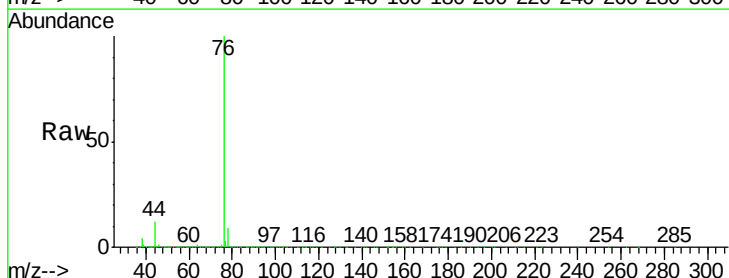
Acq: 13 Mar 2020 20:59

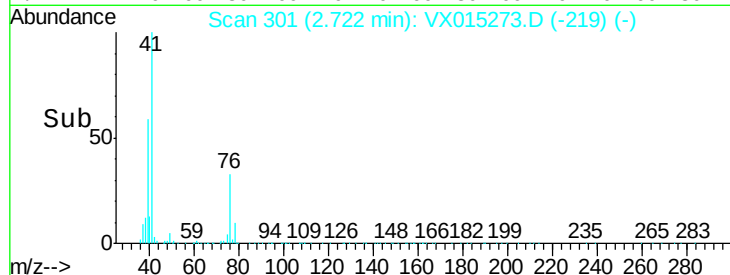
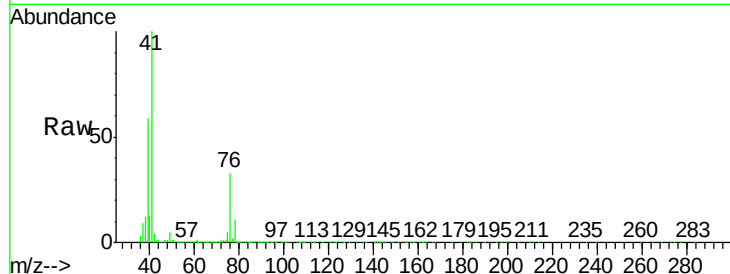
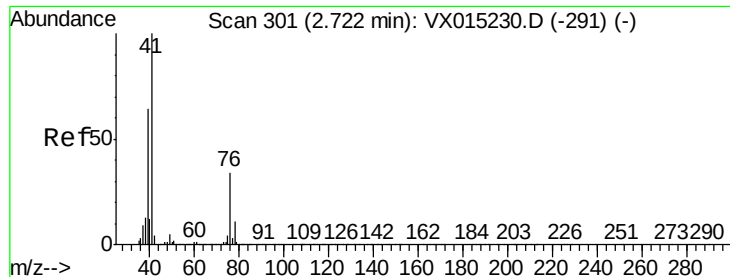
Tgt Ion: 76 Resp: 134366

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9





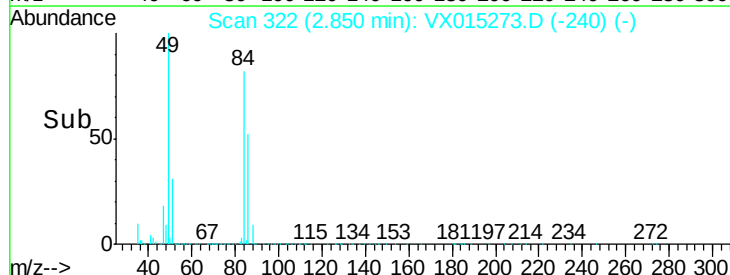
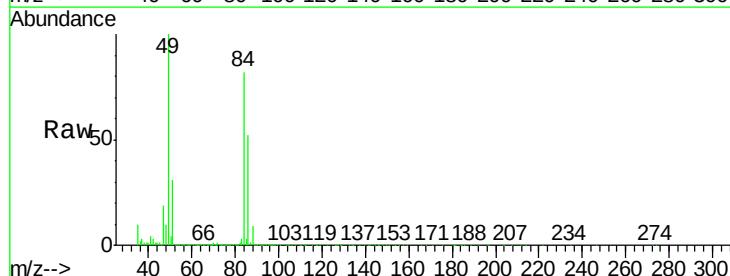
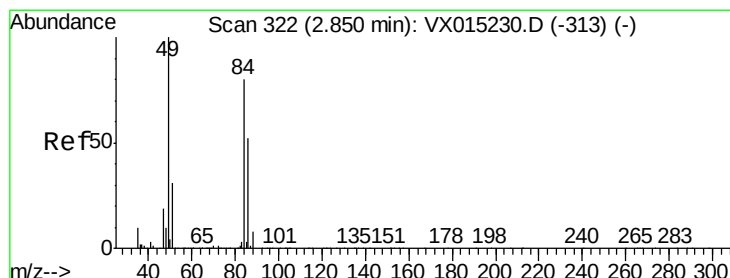
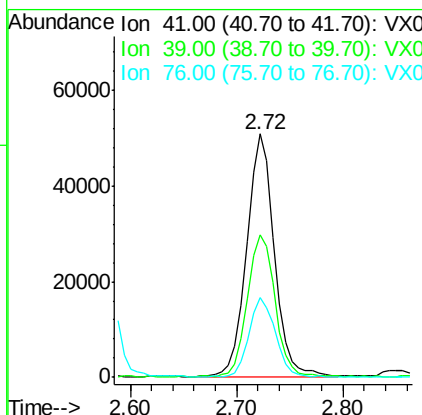
#17
Allvl chloride
Concen: 18.126 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.5	32.1	96.5
76	32.5	17.2	51.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

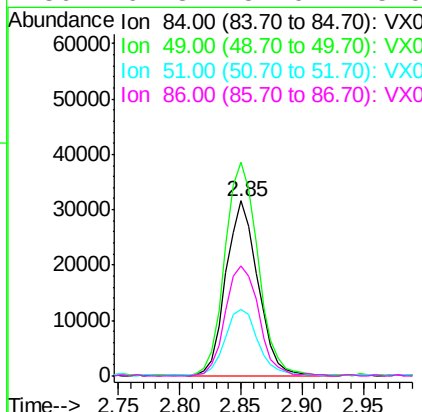
Manual Integrations
APPROVED

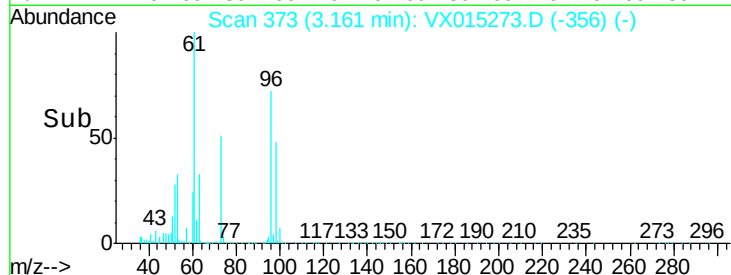
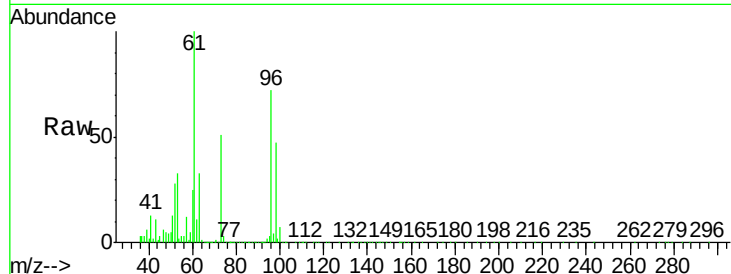
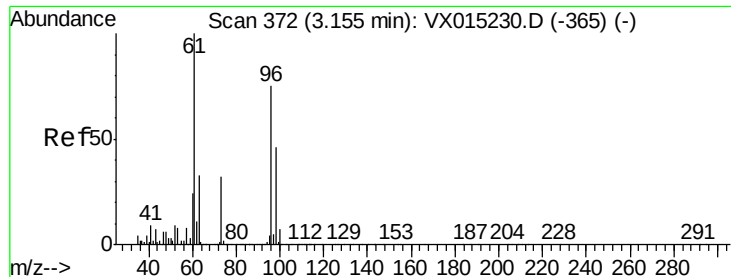
MMDadoda
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#18
Methylene Chloride
Concen: 18.099 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.9	99.5	149.3
51	38.0	31.0	46.6
86	62.8	52.0	78.0





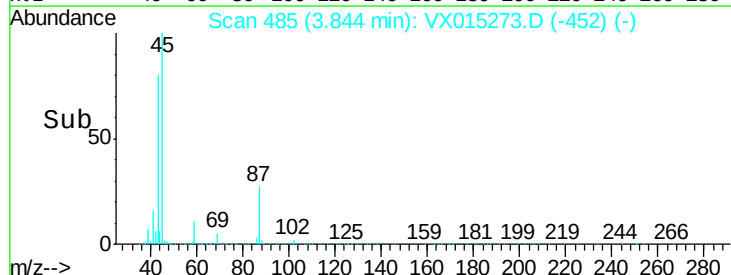
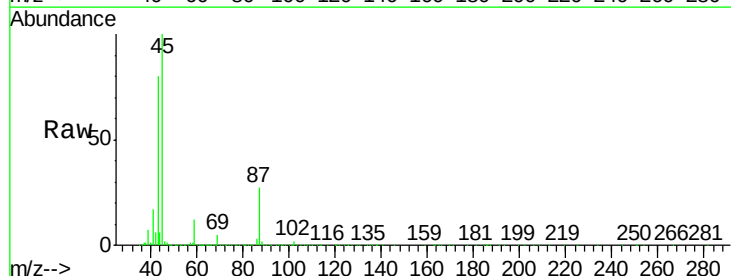
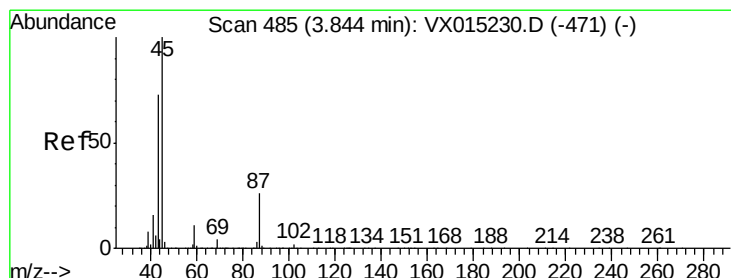
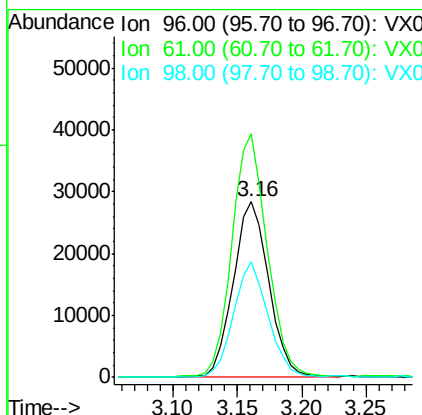
#19
trans-1,2-Dichloroethene
Concen: 18.125 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tot Ion:	96	Resp:	54469
Ion Ratio	Lower	Upper	
96	100		
61	138.6	106.3	159.5
98	65.7	49.1	73.7

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

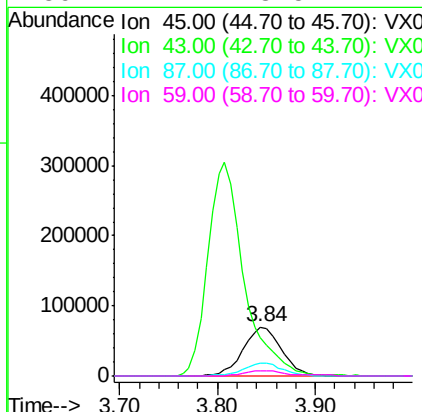
Manual Integrations
APPROVED

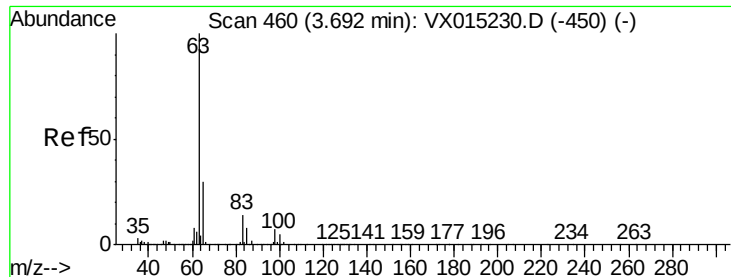
MMDadoda
3/16/2020 2:07:32 PM



#20
Diisopropyl ether
Concen: 18.436 ug/l
RT: 3.84 min Scan# 485
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion:	45	Resp:	189294
Ion Ratio	Lower	Upper	
45	100		
43	77.9	58.6	87.8
87	26.5	21.0	31.4
59	11.4	8.5	12.7





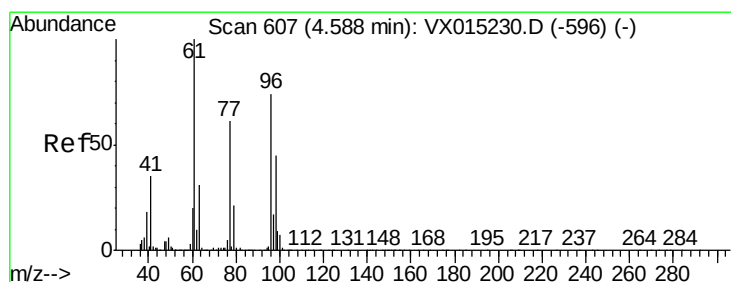
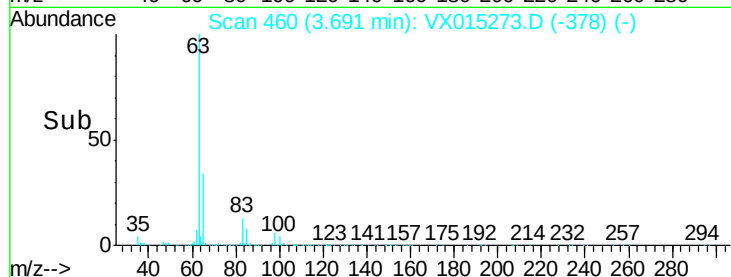
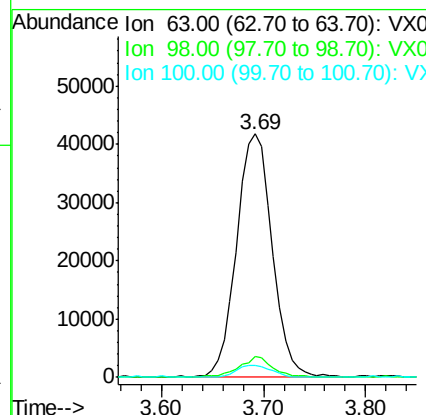
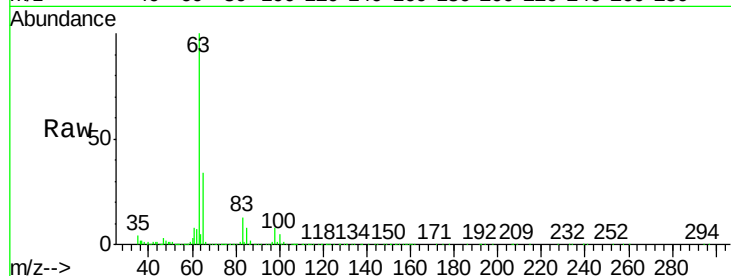
#21
 1,1-Dichloroethane
 Concen: 18.596 ug/l
 RT: 3.69 min Scan# 460
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	63	Resp:	101170
Ion Ratio	Lower	Upper	
63	100		
98	8.2	3.5	10.6
100	4.8	2.4	7.1

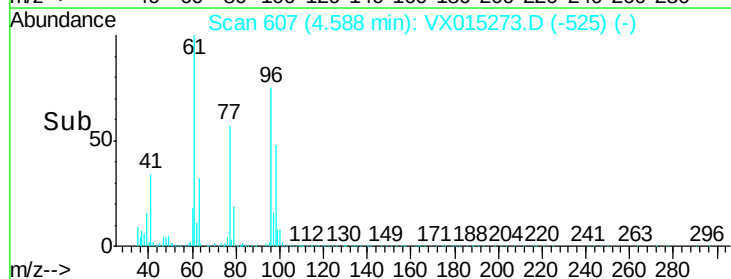
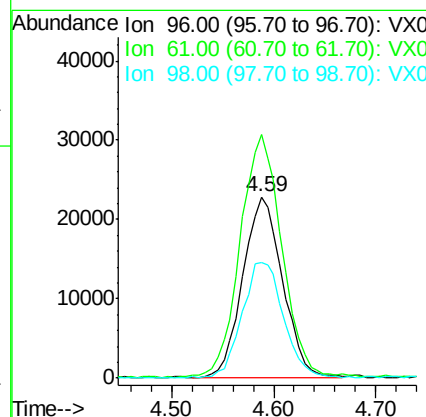
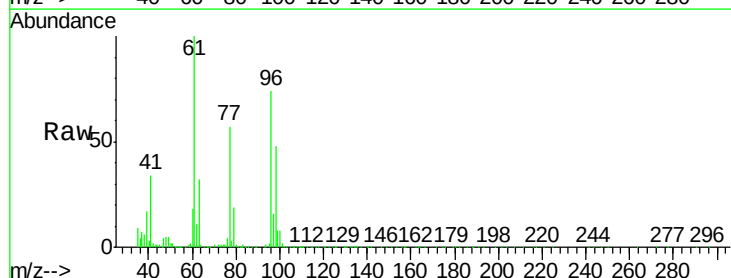
Manual Integrations
 APPROVED

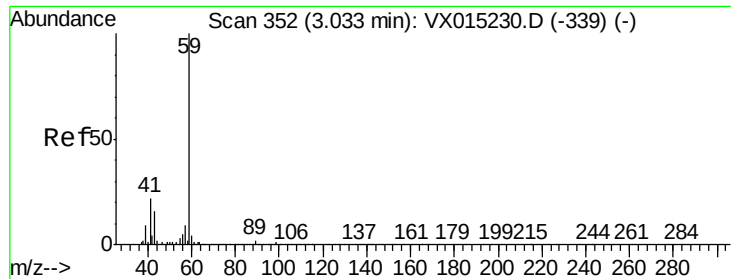
MMDadoda
 3/16/2020 2:07:32 PM



#22
 cis-1,2-Dichloroethene
 Concen: 18.178 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion:	96	Resp:	61751
Ion Ratio	Lower	Upper	
96	100		
61	139.6	111.4	167.0
98	67.1	50.1	75.1





#23

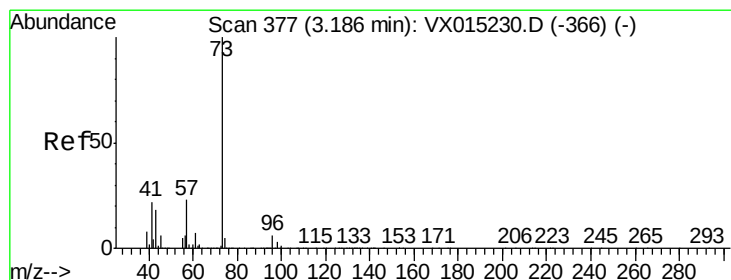
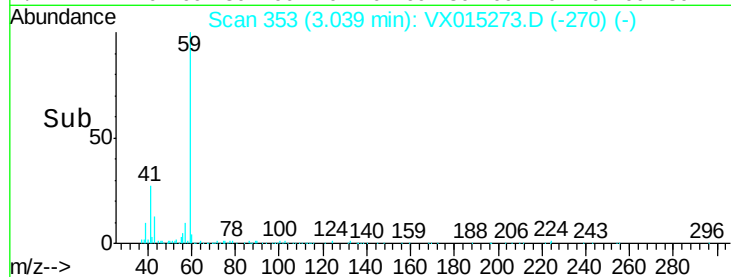
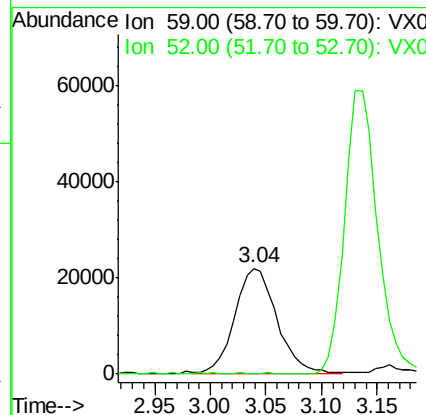
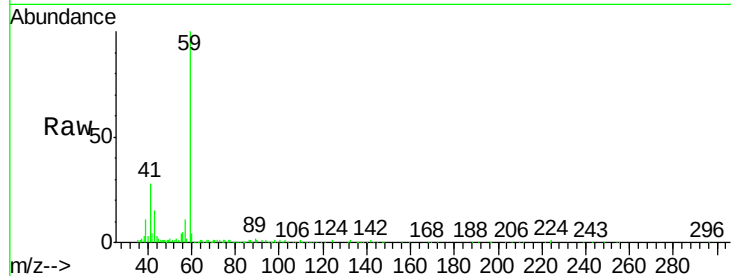
tert-Butyl Alcohol
 Concen: 91.757 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.4	0.6

Manual Integrations
 APPROVED

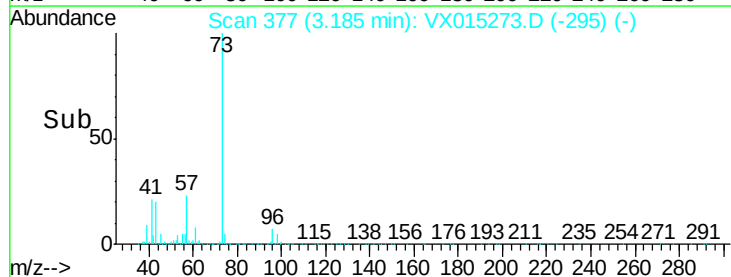
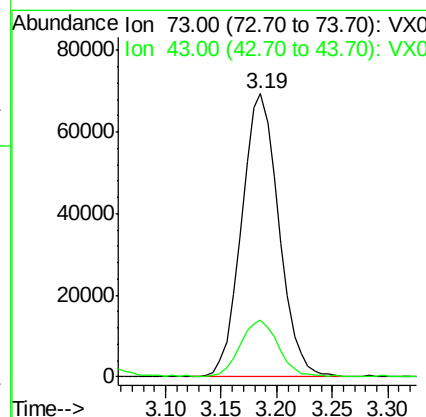
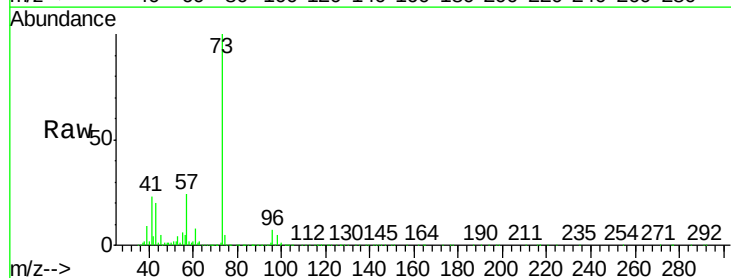
MMDadoda
 3/16/2020 2:07:32 PM

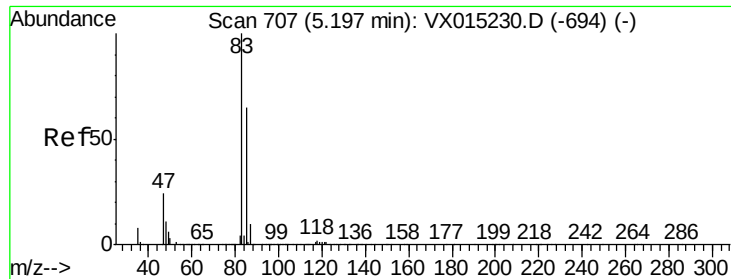


#24

Methyl tert-Butyl Ether
 Concen: 17.923 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.3	15.9	23.9





#25

Chloroform

Concen: 18.668 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 96610

Ion Ratio Lower Upper

83 100

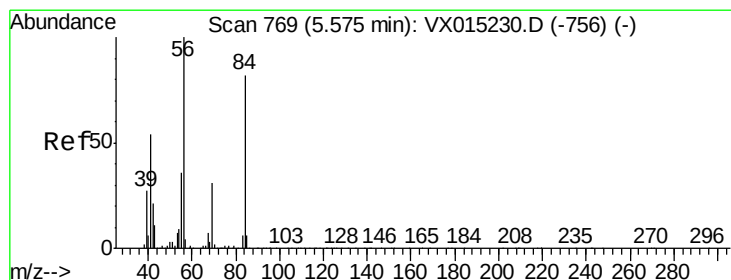
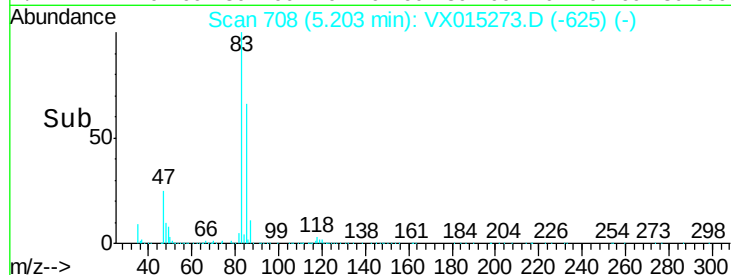
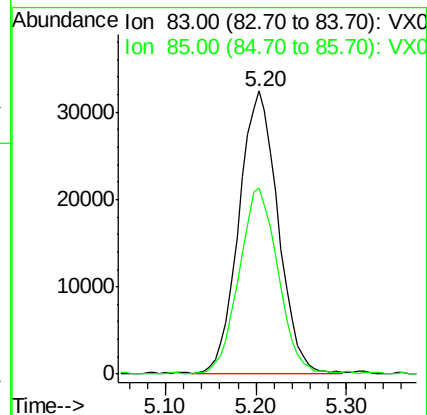
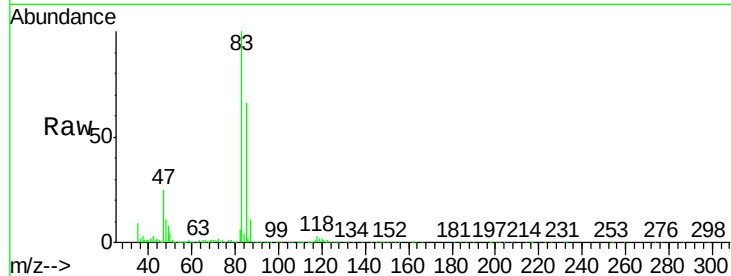
85 65.7 51.4 77.2

Manual Integrations

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#26

Cyclohexane

Concen: 17.836 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

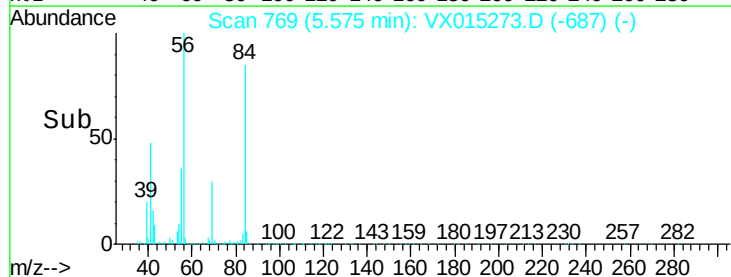
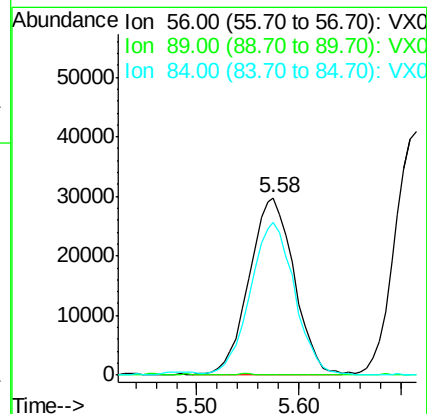
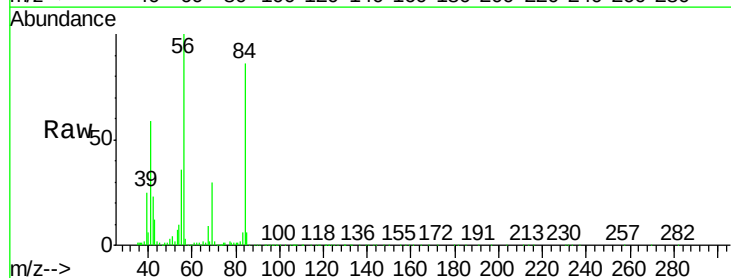
Tgt Ion: 56 Resp: 90177

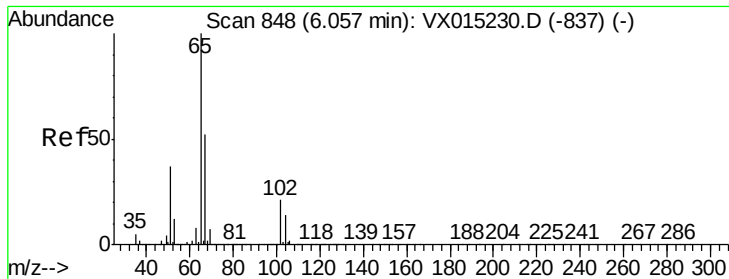
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 85.3 68.2 102.4





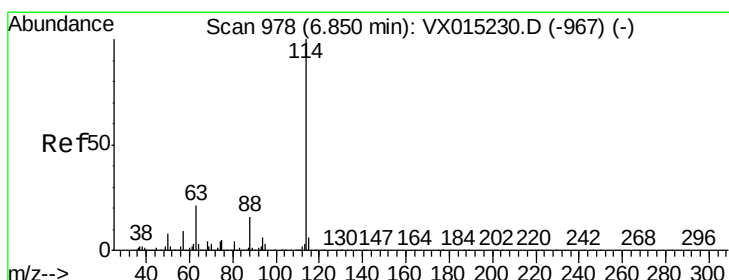
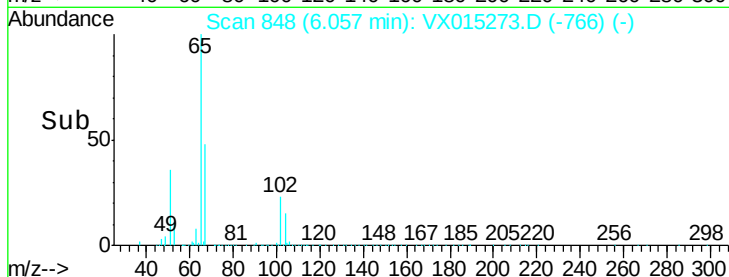
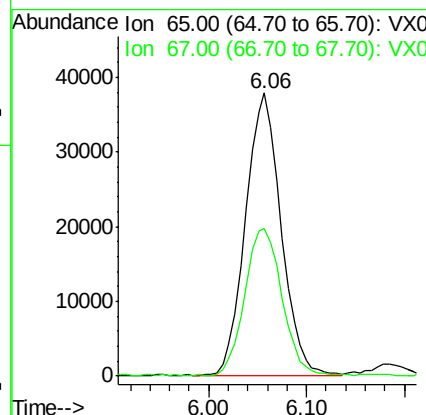
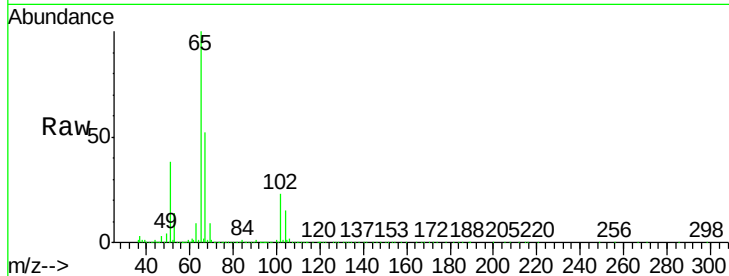
#27
 1,2-Dichloroethane-d4
 Concen: 29.573 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.9	43.5	65.3

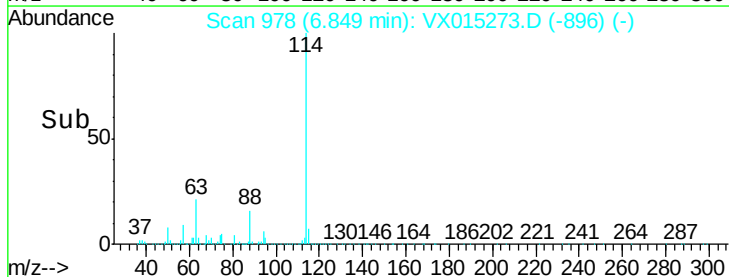
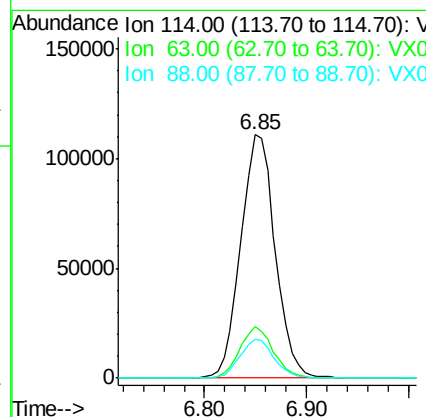
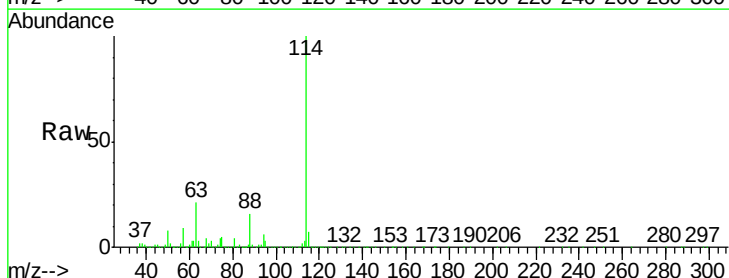
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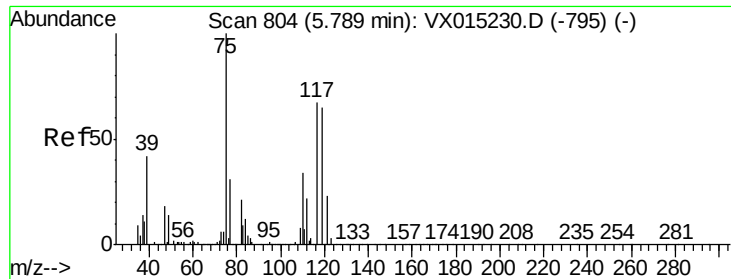
MMDadoda
 3/16/2020 2:07:32 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.6	24.8
88	15.8	12.6	19.0





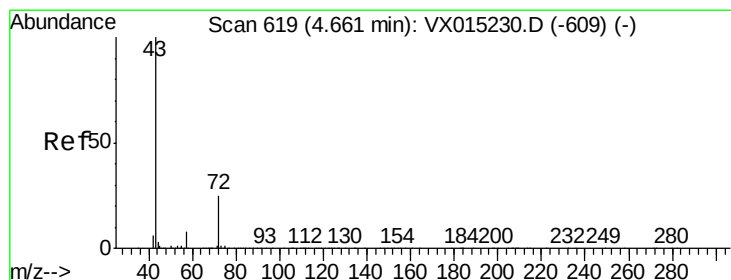
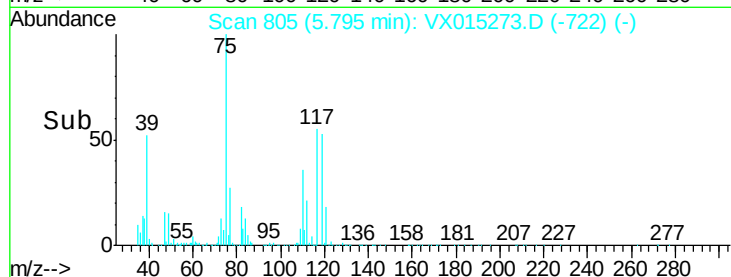
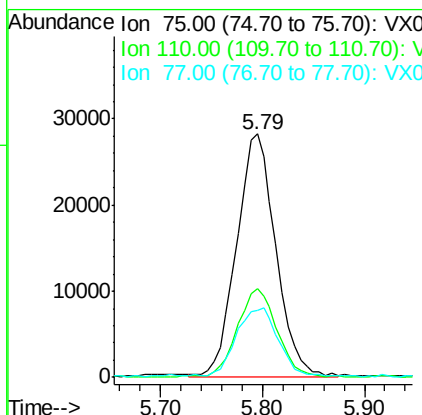
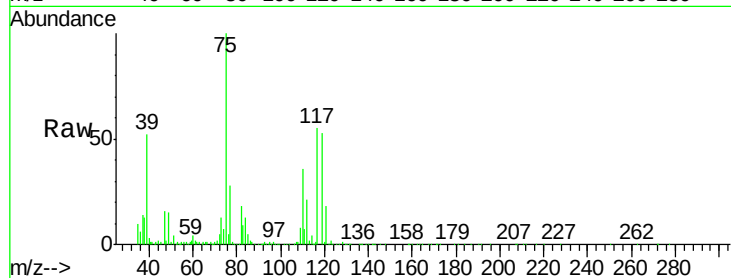
#29
 1,1-Dichloropropene
 Concen: 18.846 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	73.6
77	29.8	0.0	63.4

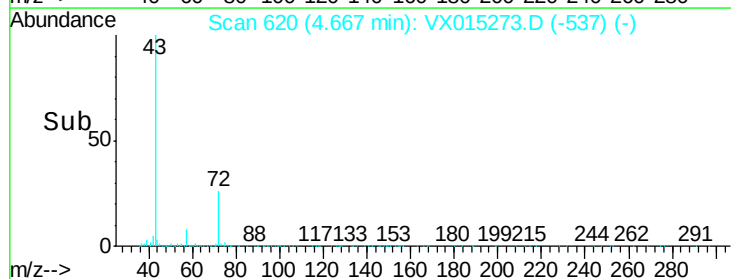
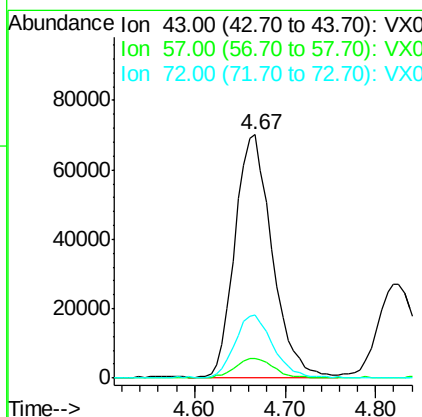
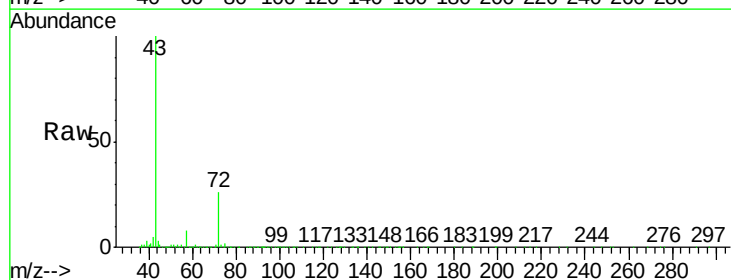
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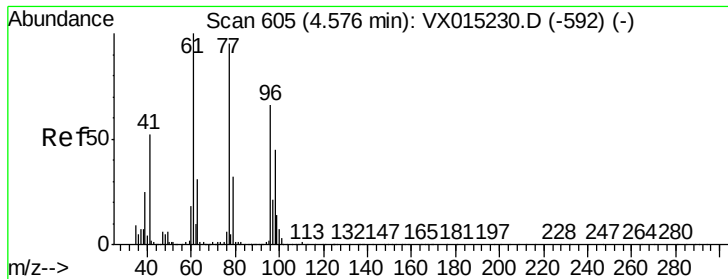
MMDadoda
 3/16/2020 2:07:32 PM



#30
 2-Butanone
 Concen: 93.406 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.4	9.6
72	25.7	19.9	29.9





#31

2,2-Dichloropropane

Concen: 16.200 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 66315

Ion Ratio Lower Upper

77 100

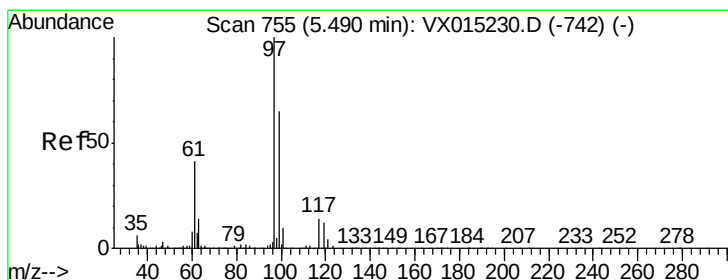
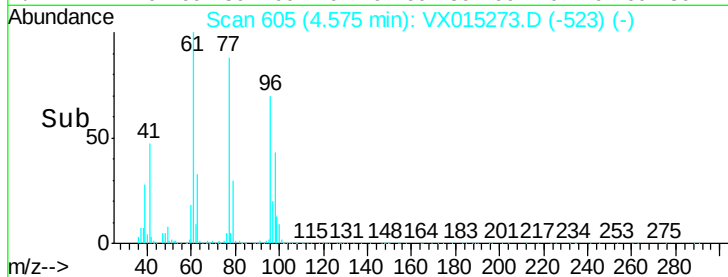
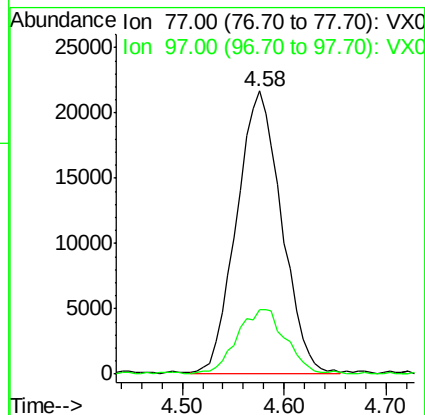
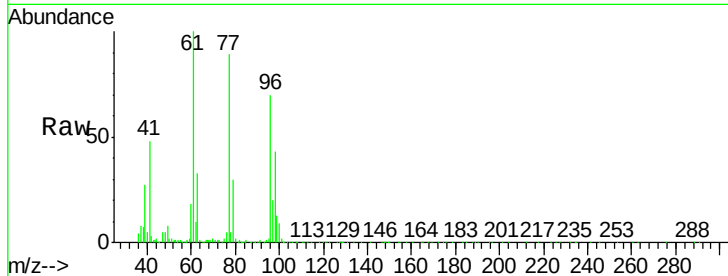
97 24.2 19.8 29.6

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 18.513 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

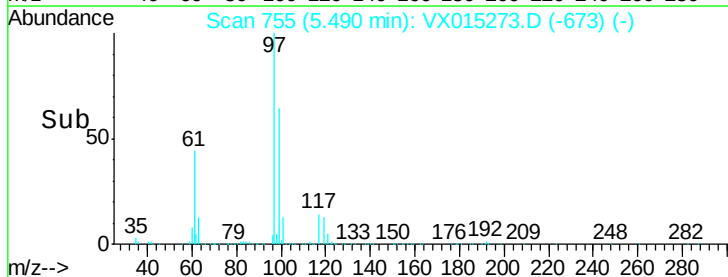
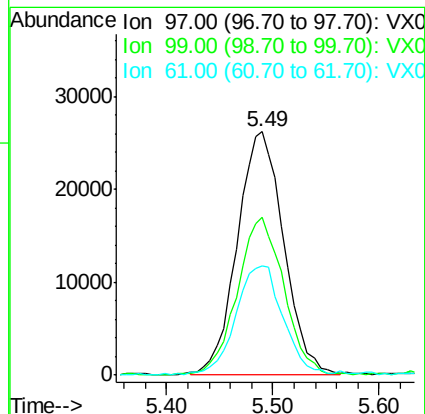
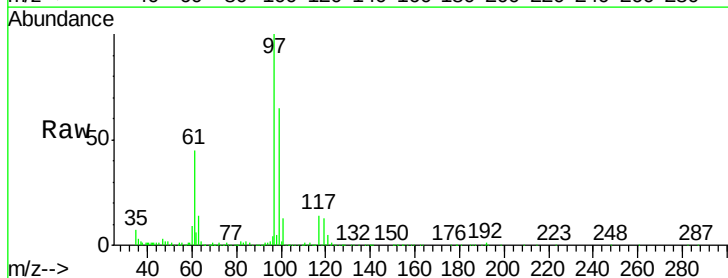
Tgt Ion: 97 Resp: 80275

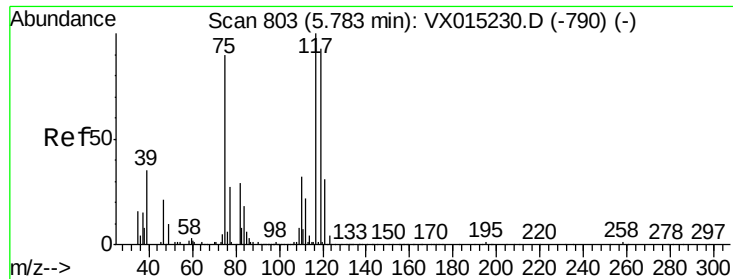
Ion Ratio Lower Upper

97 100

99 64.8 52.0 78.0

61 44.6 35.0 52.6





#33

Carbon Tetrachloride

Concen: 18.636 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

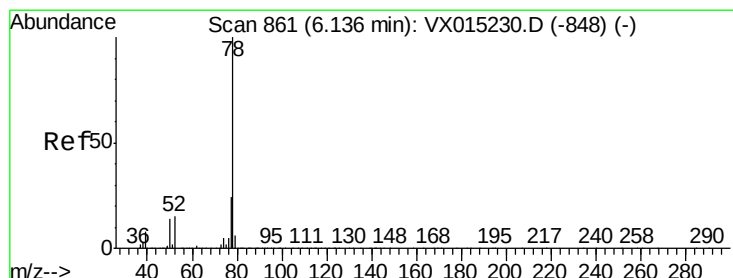
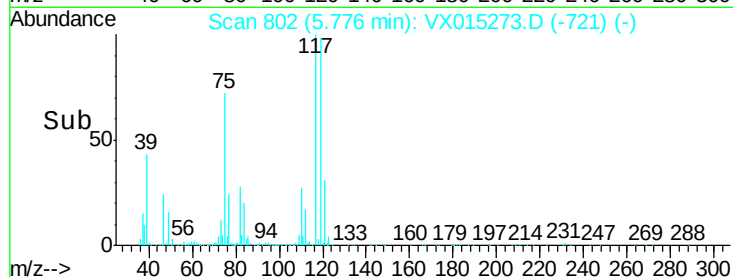
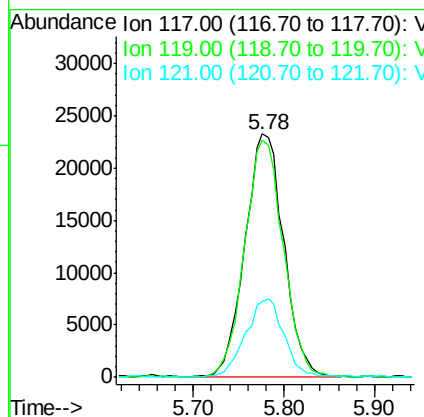
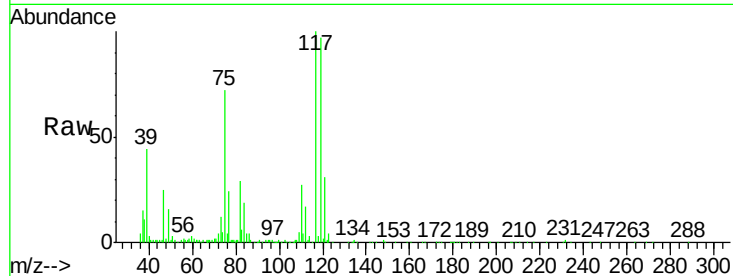
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	69155
Ion Ratio	Lower	Upper	
117	100		
119	96.9	74.2	111.4
121	30.8	24.3	36.5

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#34

Benzene

Concen: 19.161 ug/l

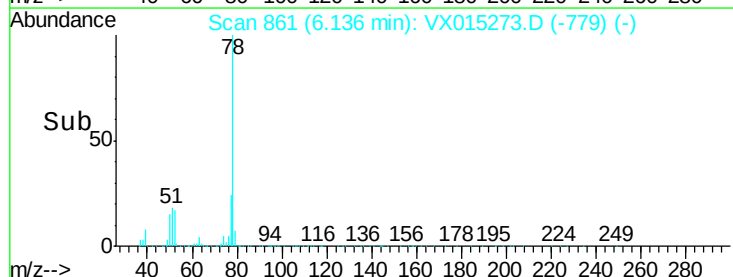
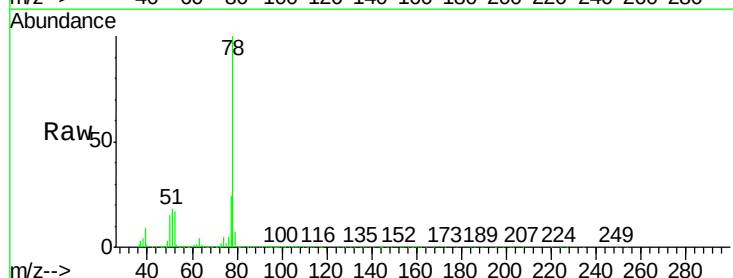
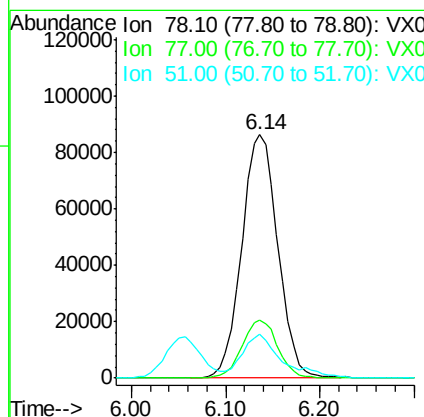
RT: 6.14 min Scan# 861

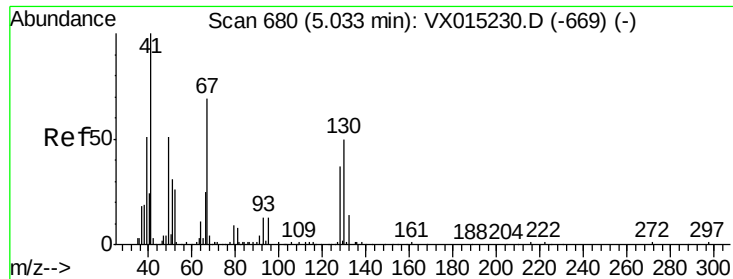
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	78	Resp:	231360
Ion Ratio	Lower	Upper	
78	100		
77	23.7	19.1	28.7
51	17.5	13.4	20.2





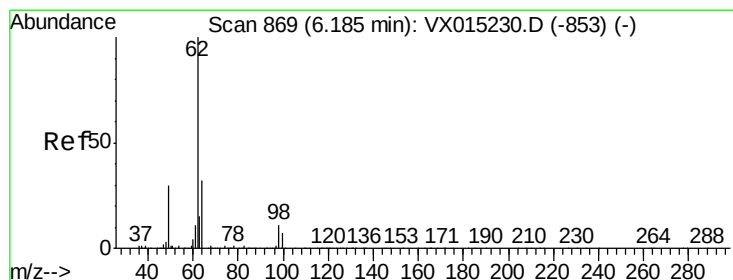
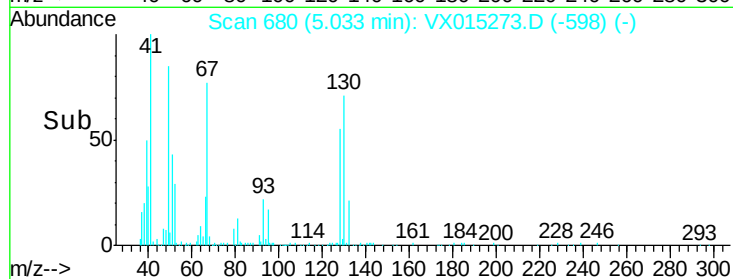
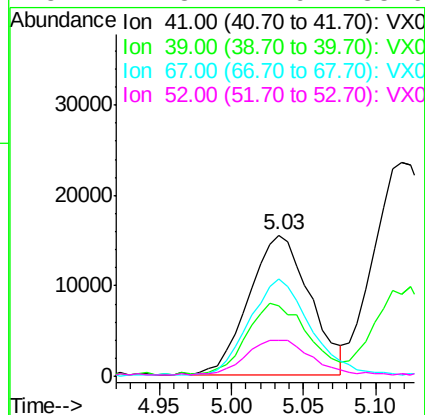
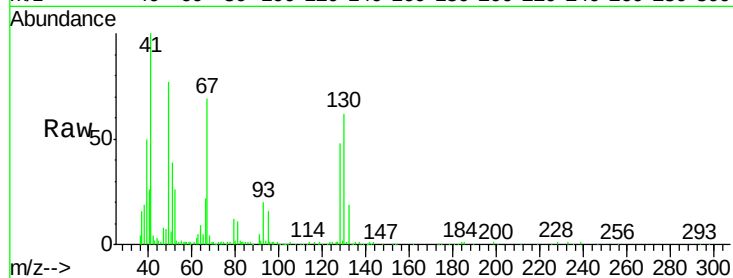
#35
Methacrylonitrile
Concen: 19.612 ug/l
RT: 5.03 min Scan# 680
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	49.2	25.7	77.1	
67	68.9	34.3	102.8	
52	24.8	12.9	38.6	

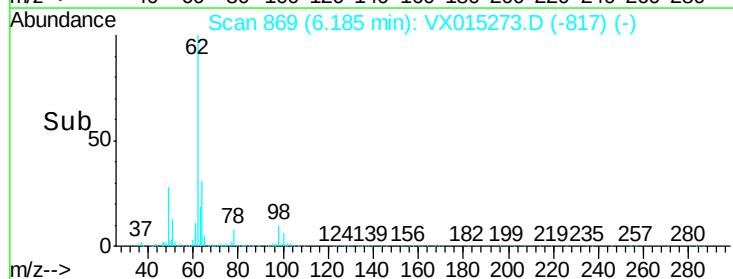
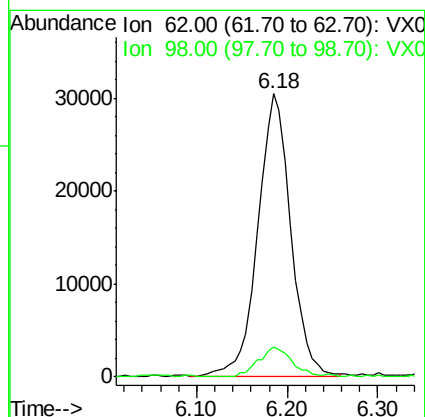
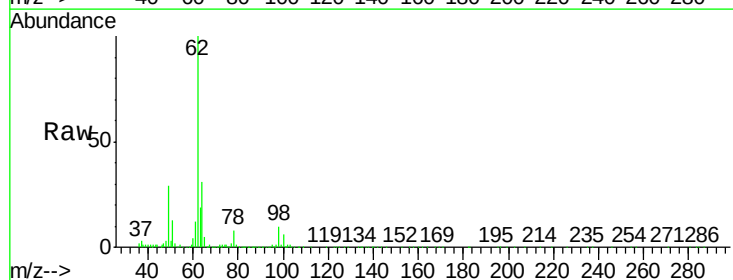
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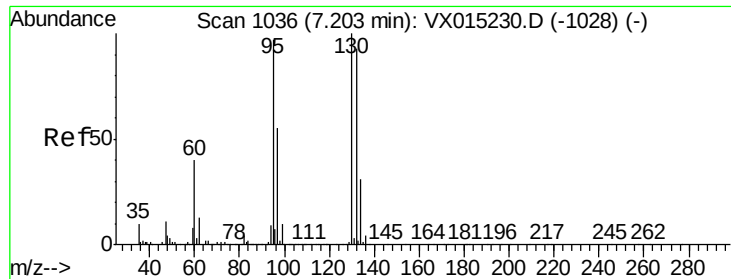
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#36
1,2-Dichloroethane
Concen: 18.778 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	8.4	12.6	





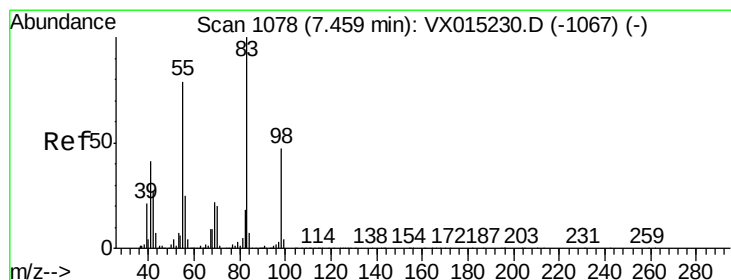
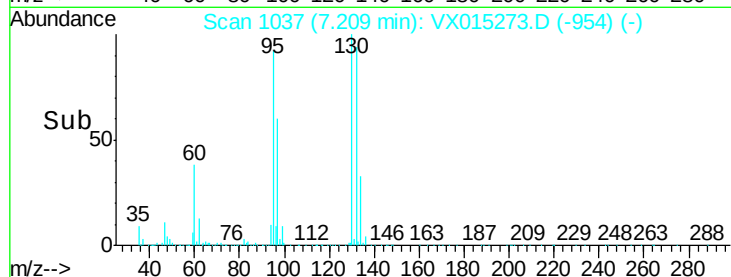
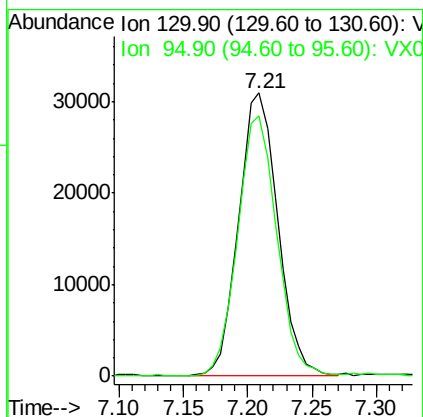
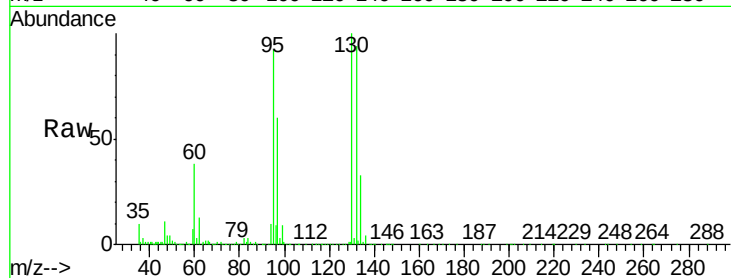
#37
 Trichloroethene
 Concen: 19.608 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 65476
 Ion Ratio Lower Upper
 130 100
 95 91.9 77.4 116.0

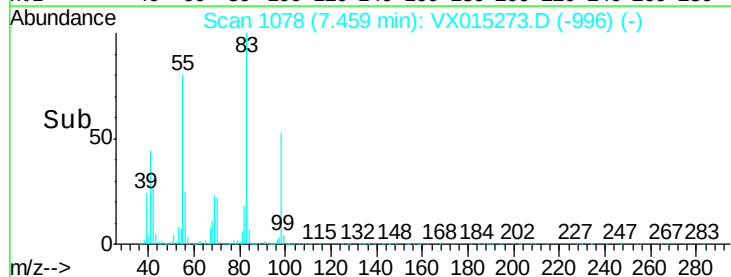
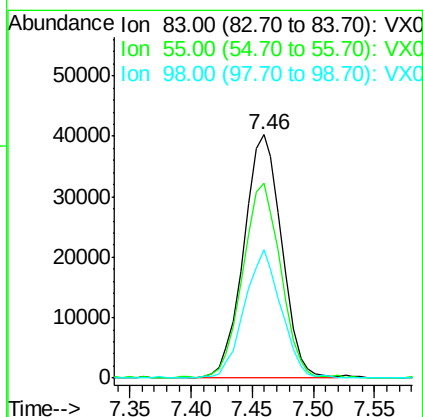
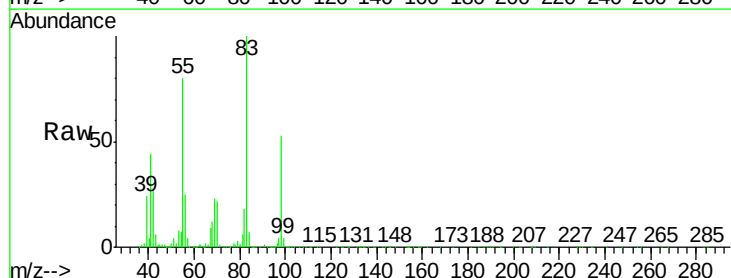
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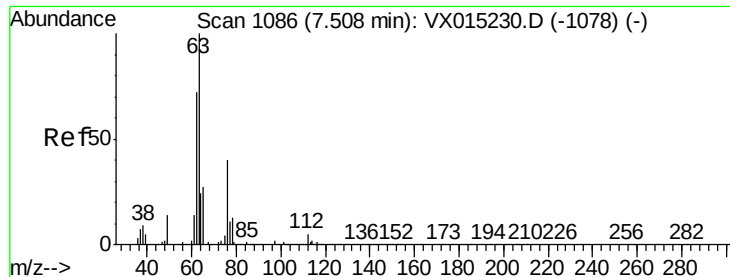
MMDadoda
 3/16/2020 2:07:32 PM



#38
 Methylcyclohexane
 Concen: 17.844 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion: 83 Resp: 86391
 Ion Ratio Lower Upper
 83 100
 55 80.2 39.1 117.2
 98 51.2 24.4 73.2





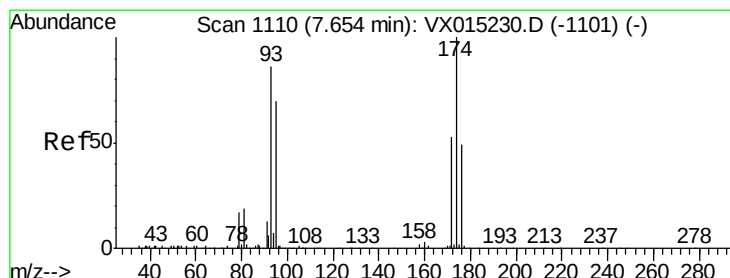
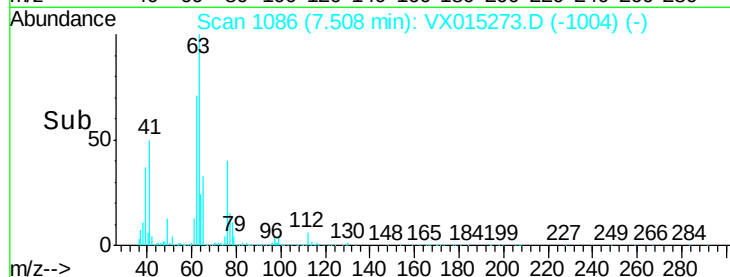
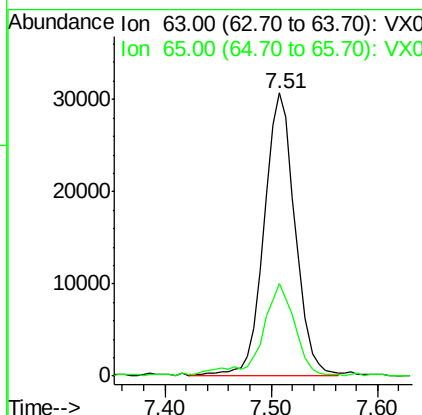
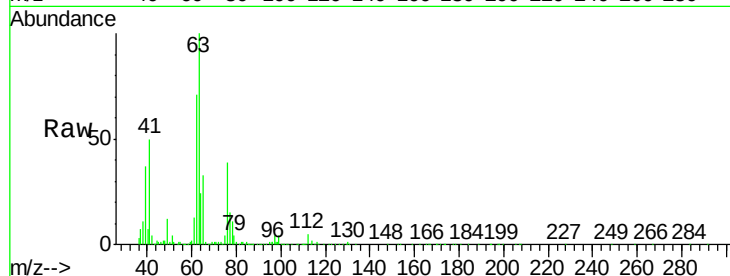
#39
 1,2-Dichloropropane
 Concen: 19.842 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	23.2	34.8

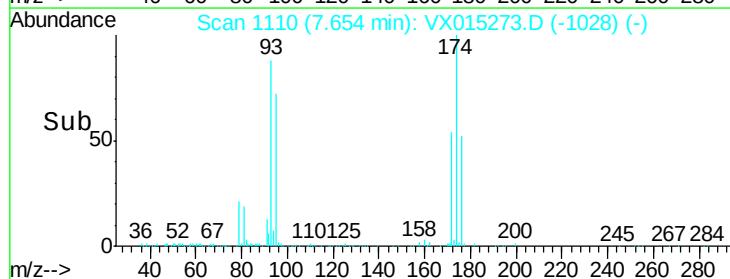
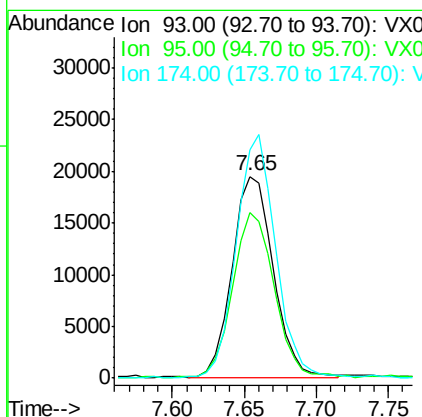
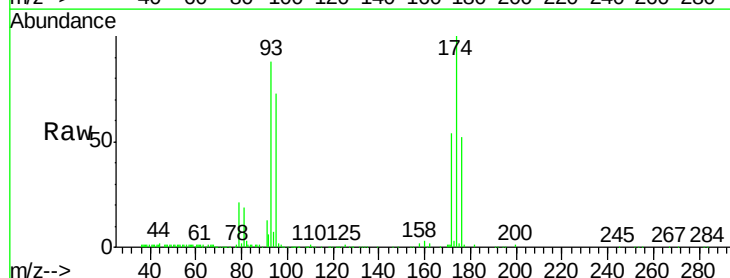
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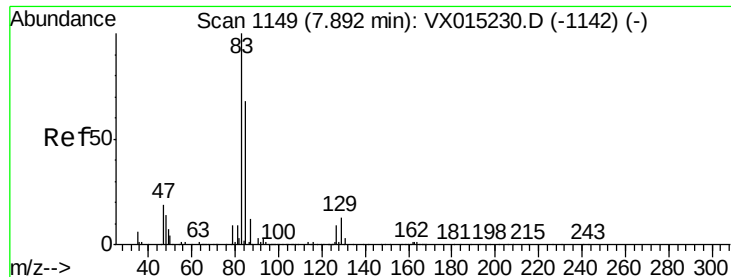
MMDadoda
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#40
 Dibromomethane
 Concen: 19.540 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	0.0	162.6
174	116.2	0.0	233.6





#41

Bromodichloromethane

Concen: 18.864 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

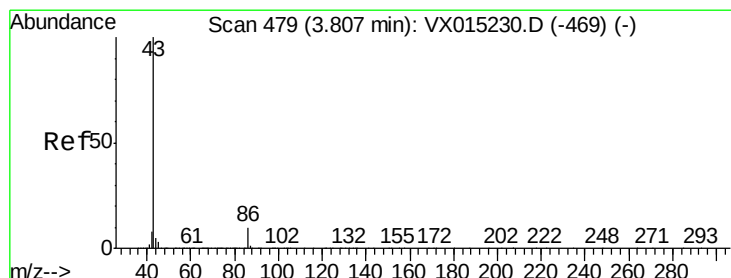
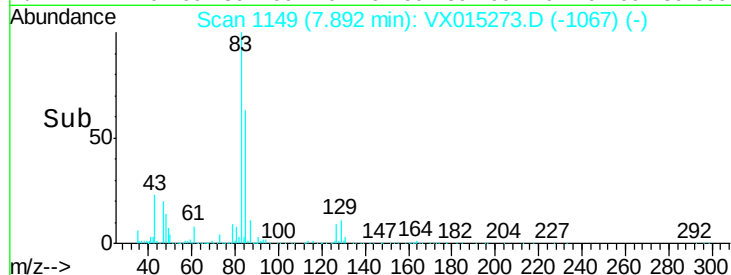
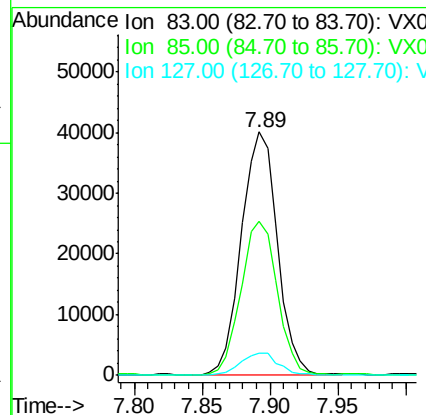
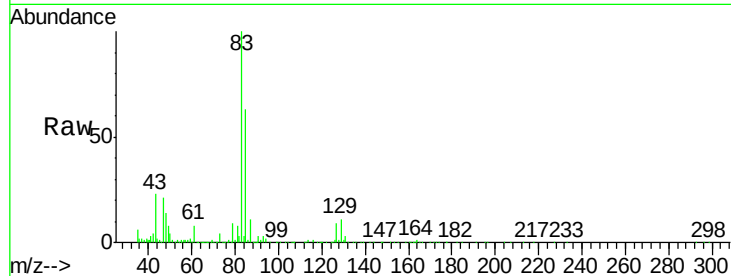
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	73963
Ion Ratio	Lower	Upper	
83	100		
85	63.0	54.2	81.4
127	9.1	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 92.845 ug/l

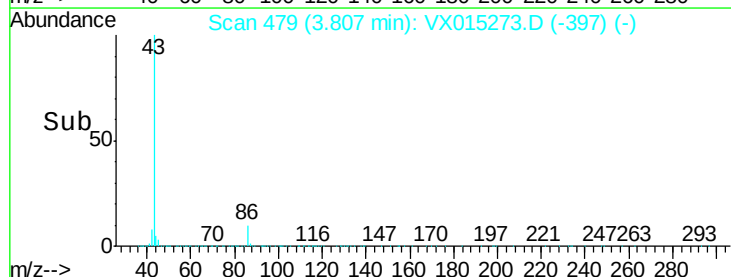
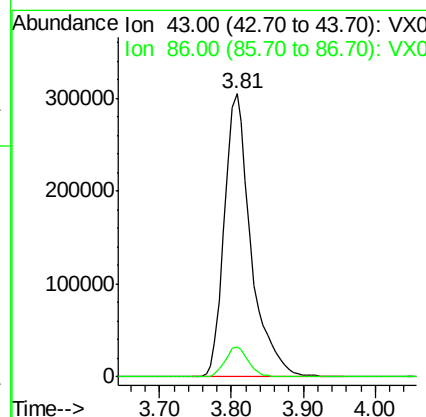
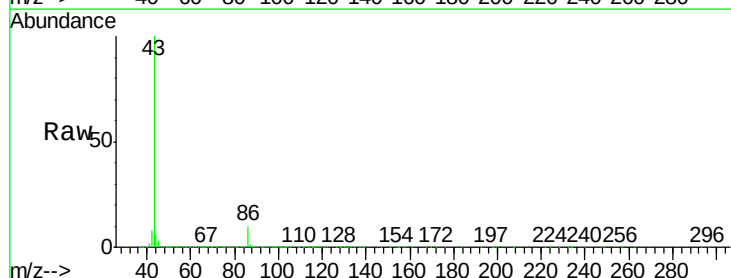
RT: 3.81 min Scan# 479

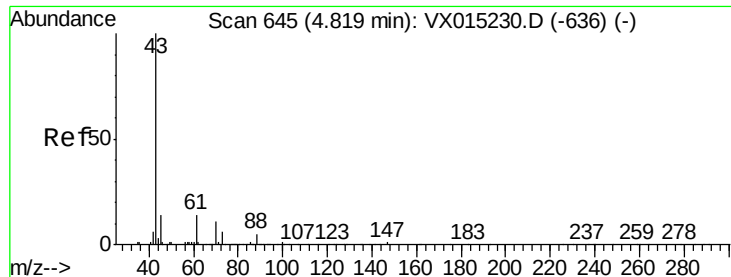
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	43	Resp:	781286
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.4	11.2





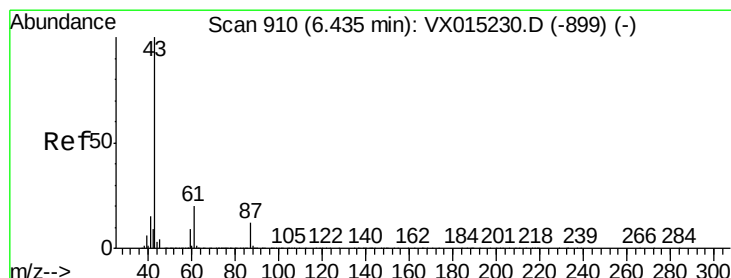
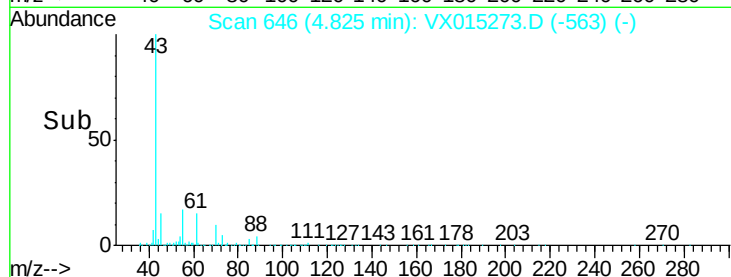
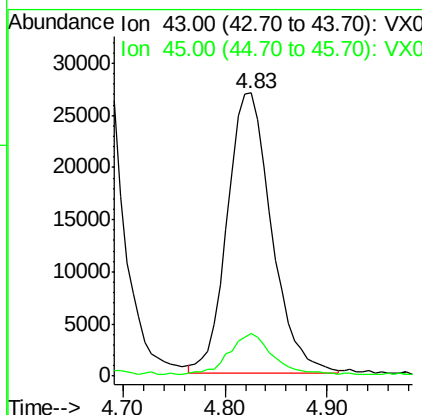
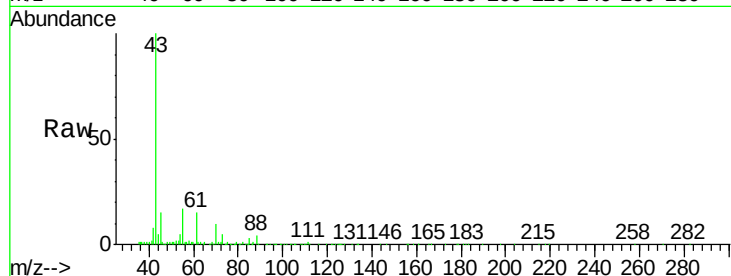
#43
Ethyl Acetate
Concen: 20.117 ug/l
RT: 4.83 min Scan# 646
Delta R.T. 0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Ratio	Lower	Upper
81446	100			
45	14.9	11.7	17.5	

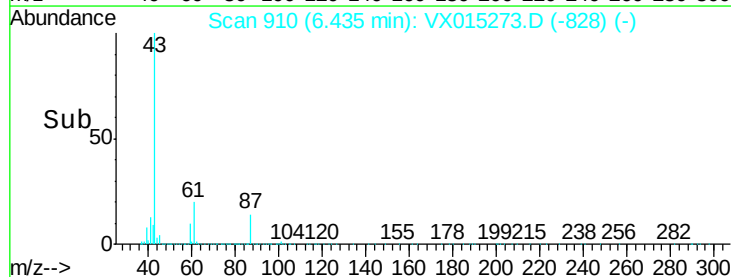
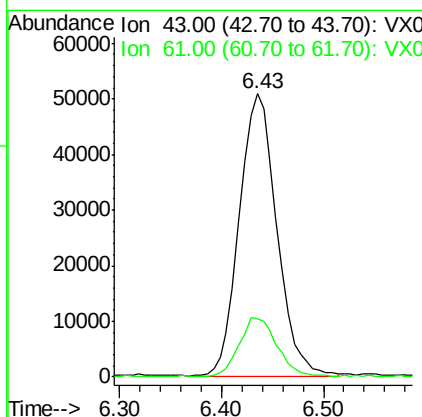
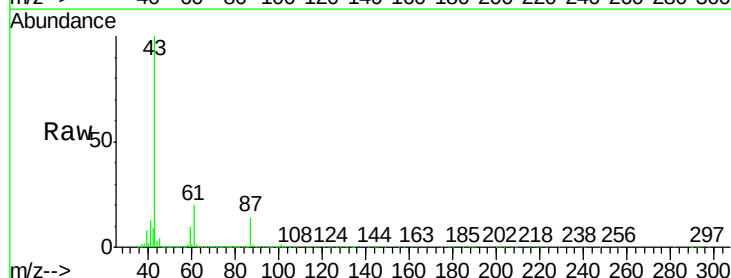
Manual Integrations
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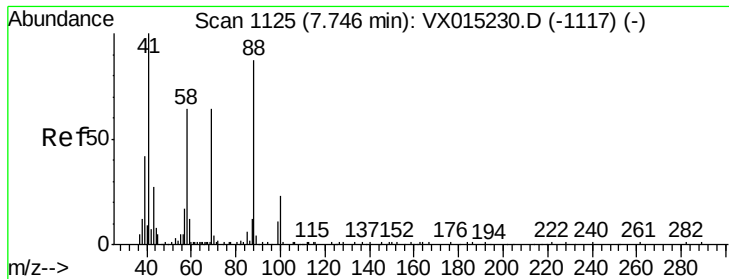
MMDadoda
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#44
Isopropyl Acetate
Concen: 18.956 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	43	Ratio	Lower	Upper
129812	100			
61	20.6	17.0	25.4	





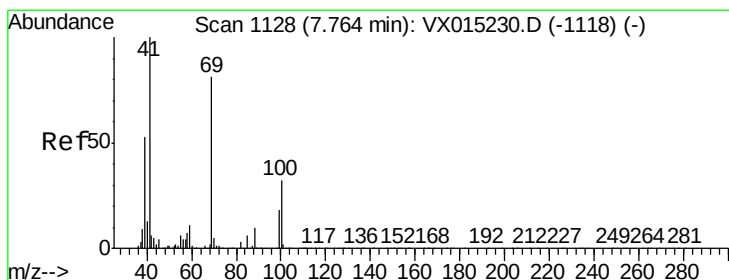
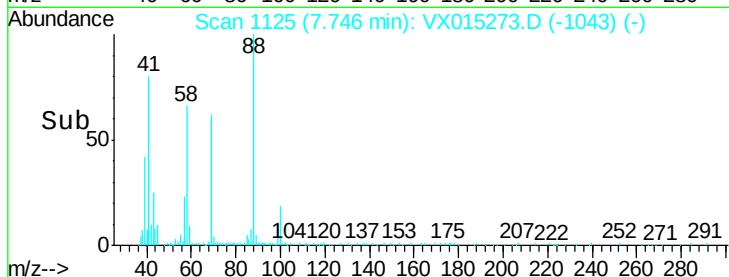
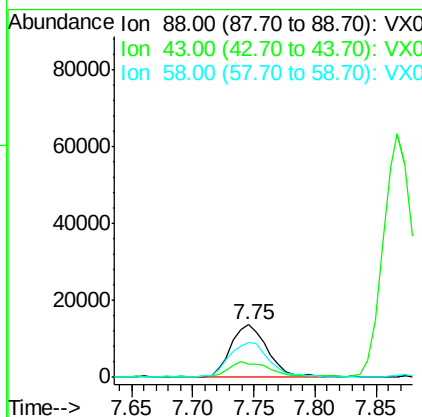
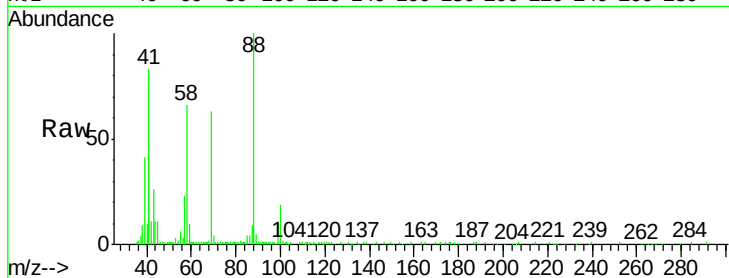
#45
1,4-Dioxane
Concen: 429.848 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	88	Resp:	28911
Ion	Ratio	Lower	Upper
88	100		
43	31.0	26.4	39.6
58	70.6	57.3	85.9

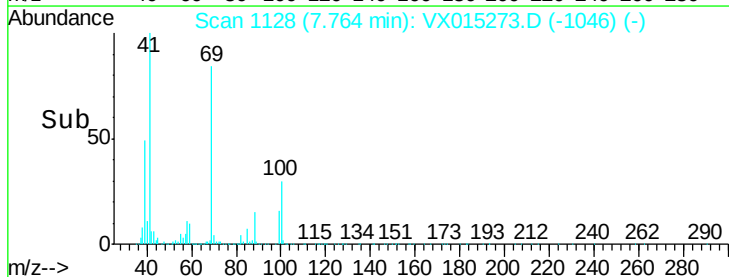
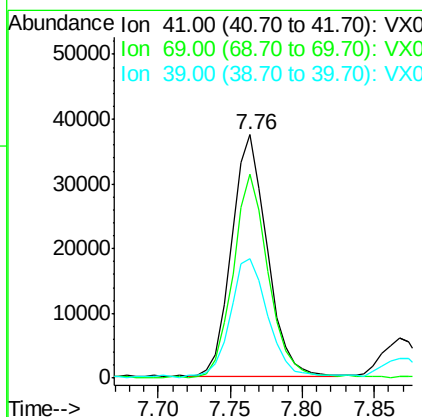
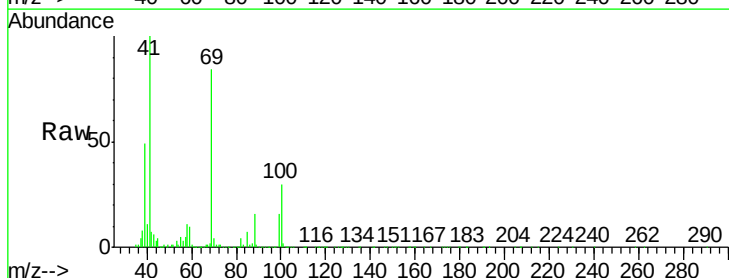
Manual Integrations
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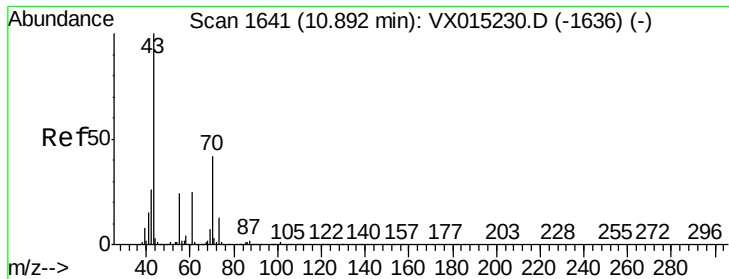
MMDadoda
3/16/2020 2:07:32 PM



#46
Methyl methacrylate
Concen: 19.083 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion:	41	Resp:	64440
Ion	Ratio	Lower	Upper
41	100		
69	83.8	40.5	121.4
39	48.6	26.6	79.8





#47

n-amvl Acetate

Concen: 17.844 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 43 Resp: 109647

Ion Ratio Lower Upper

43 100

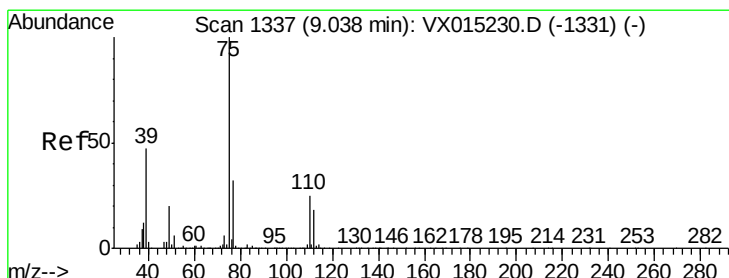
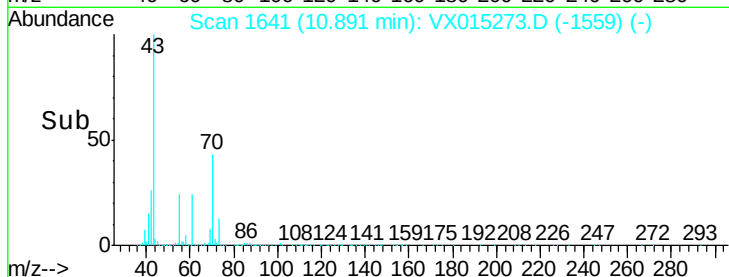
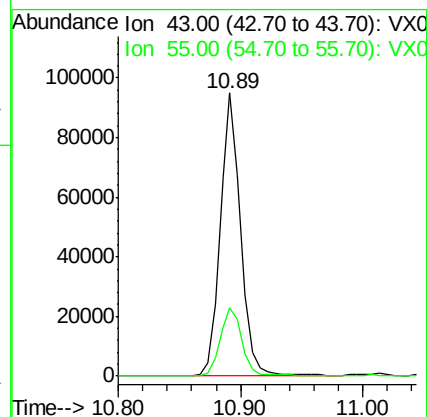
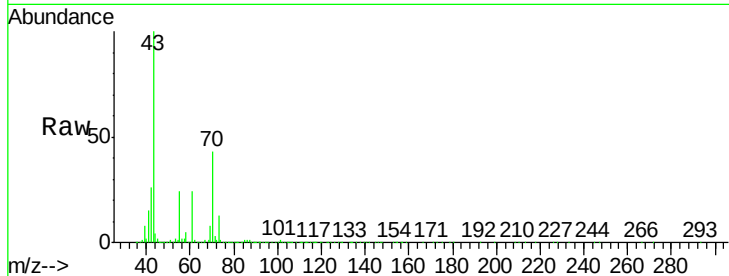
55 25.3 20.4 30.6

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 18.737 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015273.D

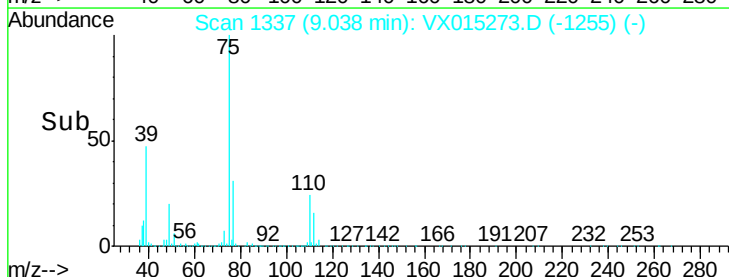
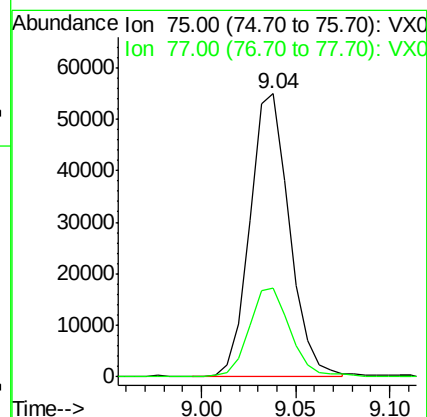
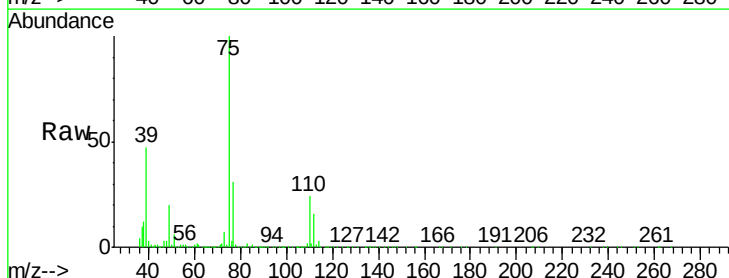
Acq: 13 Mar 2020 20:59

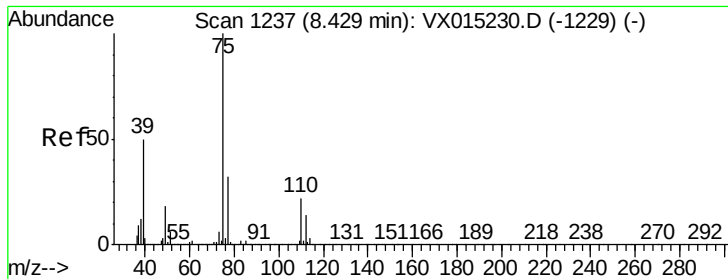
Tgt Ion: 75 Resp: 79884

Ion Ratio Lower Upper

75 100

77 31.1 25.1 37.7





#49

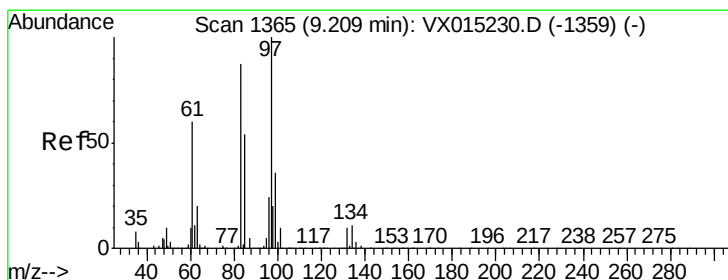
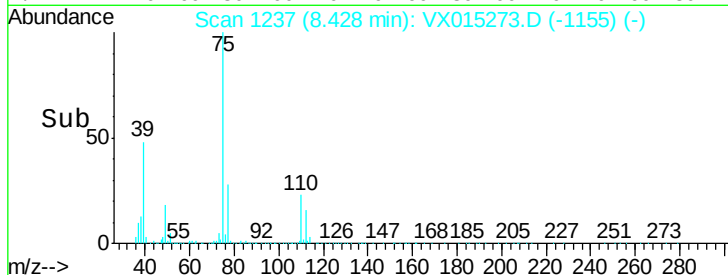
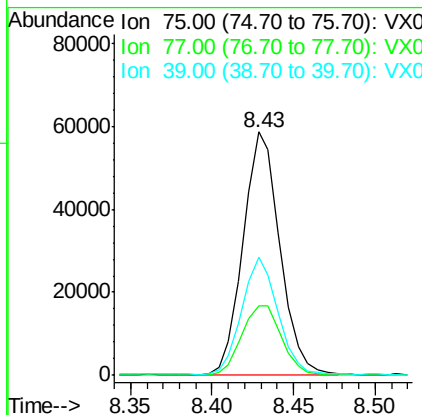
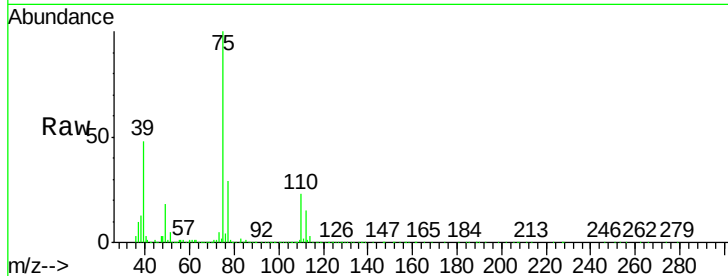
cis-1,3-Dichloropropene
Concen: 19.120 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	75	Resp:	92574
Ion	Ratio	Lower	Upper
75	100		
77	28.3	25.3	37.9
39	48.0	39.8	59.6

Manual Integrations
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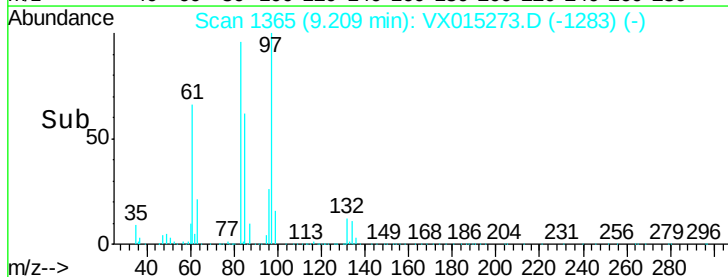
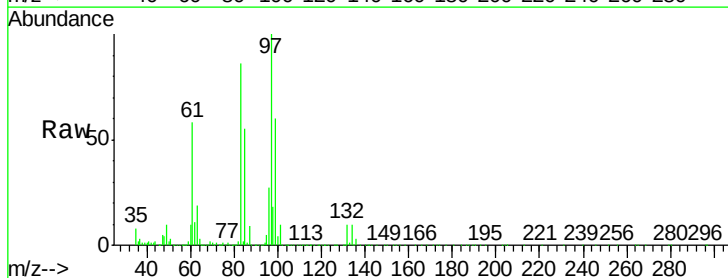
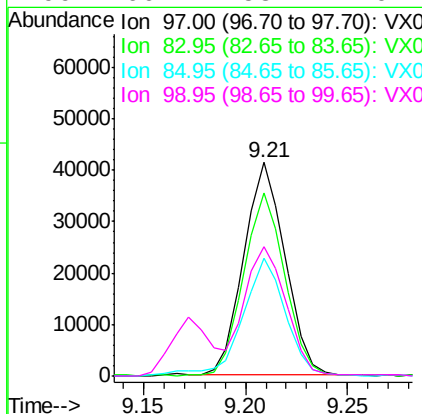
MMDadoda
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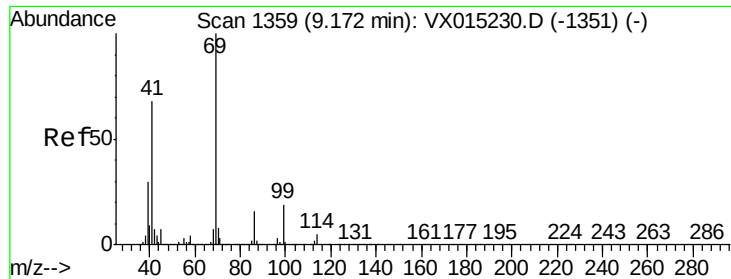


#50

1,1,2-Trichloroethane
Concen: 19.860 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion:	97	Resp:	58215
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.7	104.5
85	54.8	45.4	68.0
99	60.2	53.1	79.7





#51

Ethyl methacrylate

Concen: 19.134 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

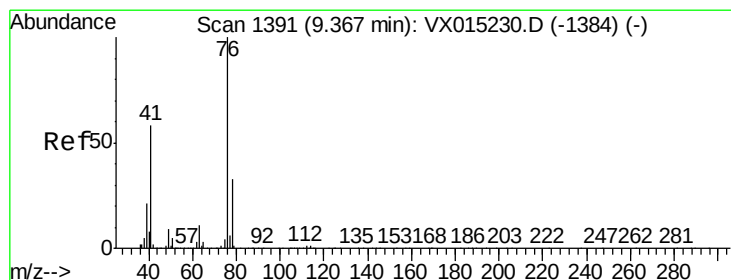
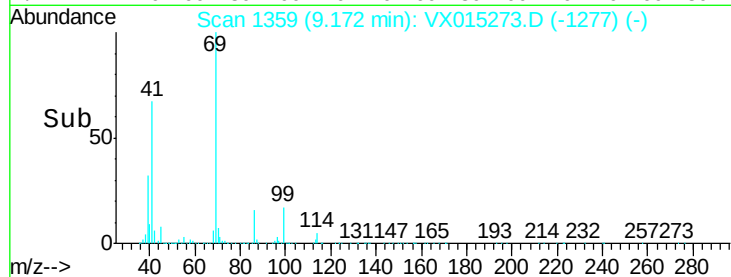
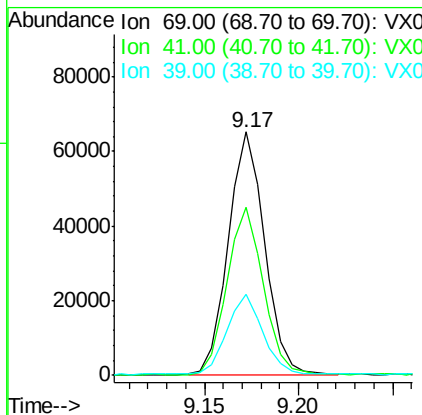
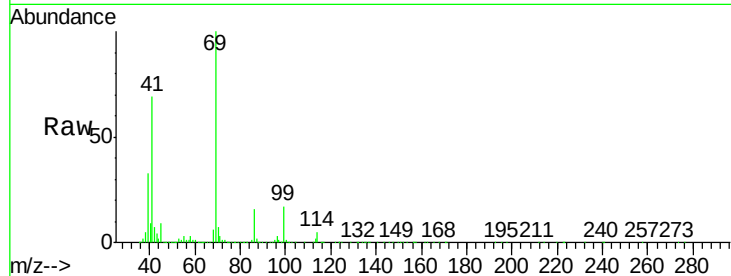
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	87520
Ion	Ratio	Lower	Upper
69	100		
41	68.9	33.8	101.3
39	32.9	15.1	45.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 20.572 ug/l

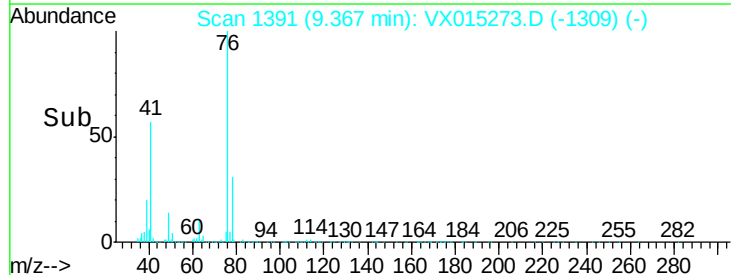
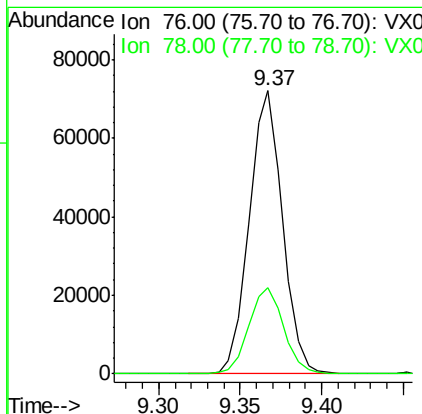
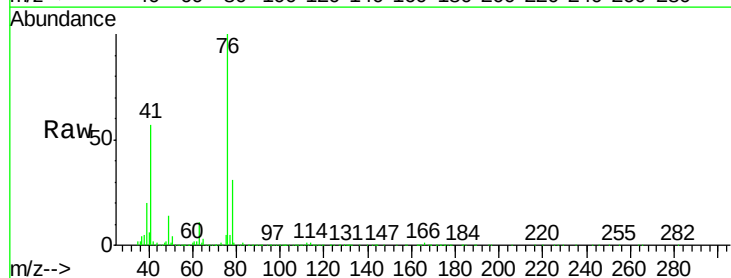
RT: 9.37 min Scan# 1391

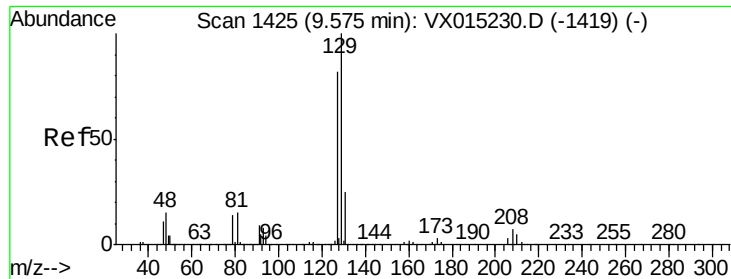
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	76	Resp:	102061
Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	65.2





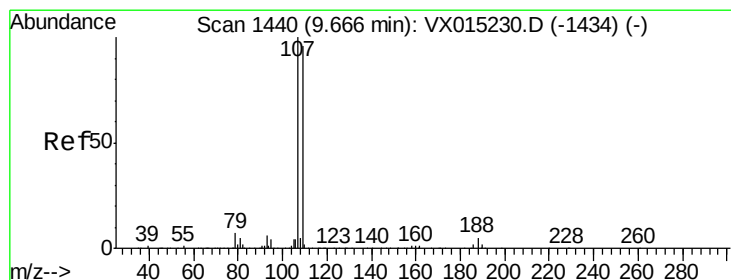
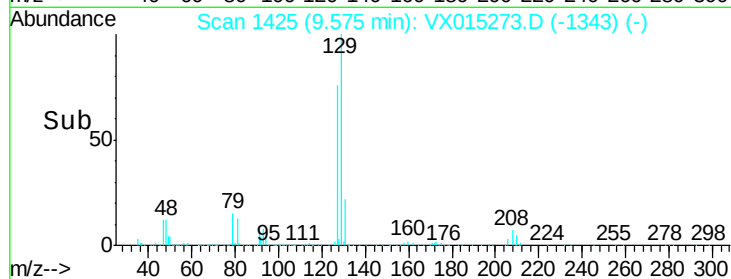
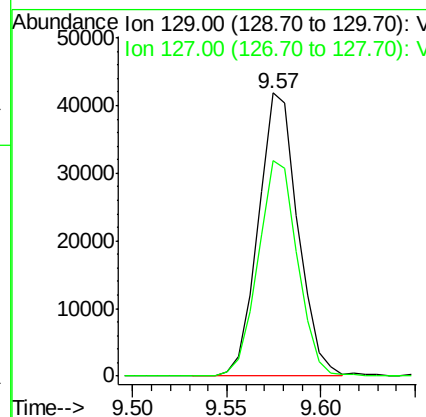
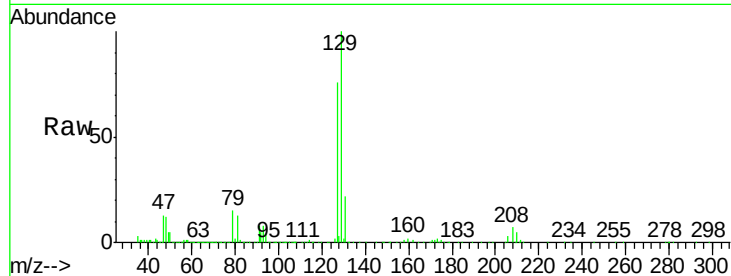
#53
Dibromochloromethane
Concen: 19.474 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.6	40.4	121.1

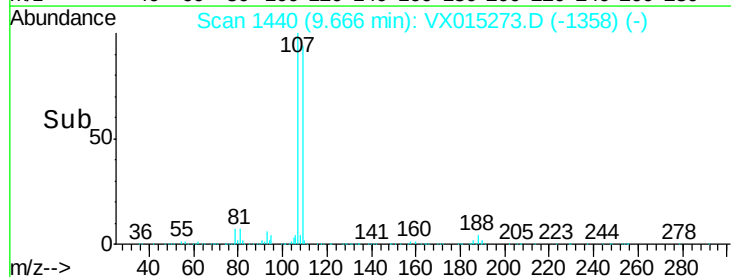
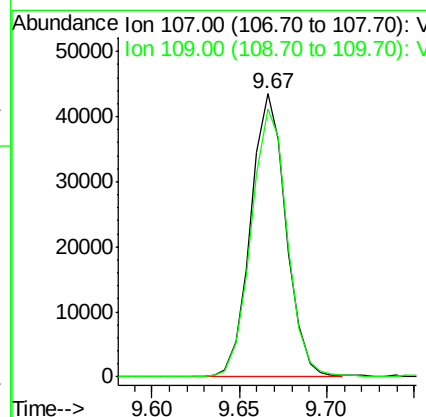
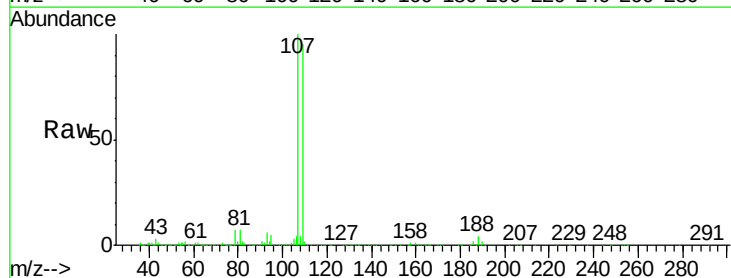
Manual Integrations
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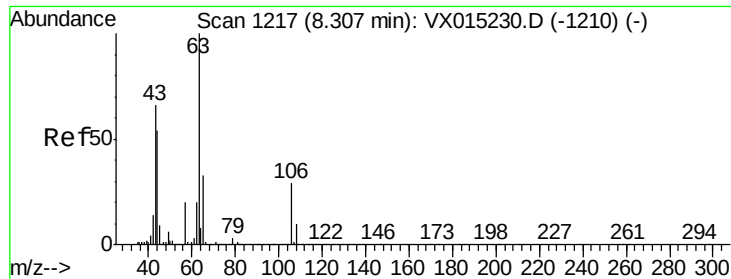
MMDadoda
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#54
1,2-Dibromoethane
Concen: 20.316 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
107	100		
109	96.9	75.0	112.4





#55

2-Chloroethyl vinyl ether

Concen: 98.735 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 226182

Ion Ratio Lower Upper

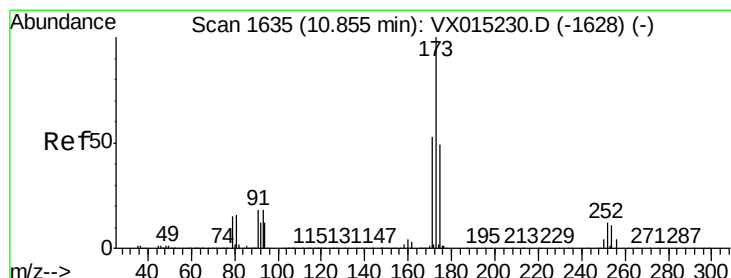
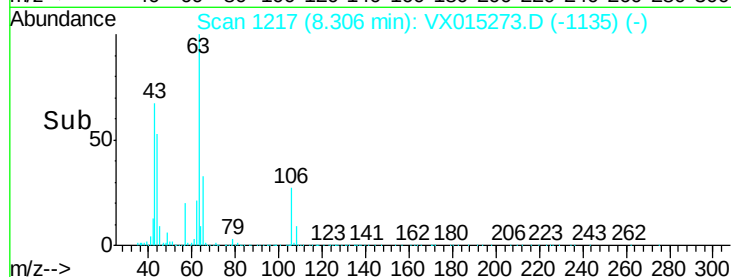
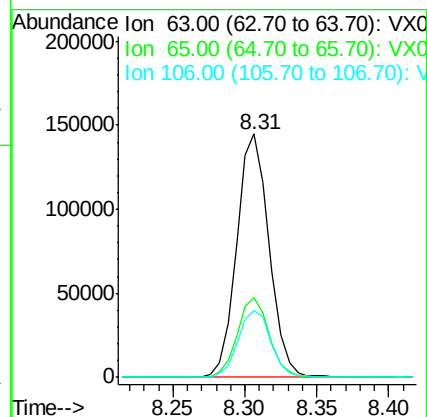
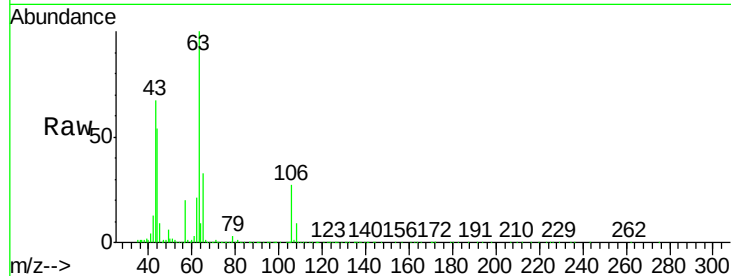
63 100

65 32.3 25.6 38.4

106 28.3 23.0 34.4

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#56

Bromoform

Concen: 18.725 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

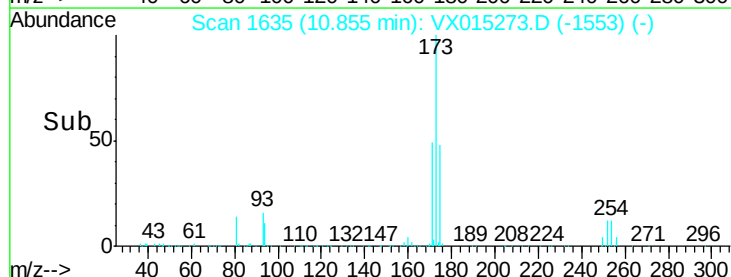
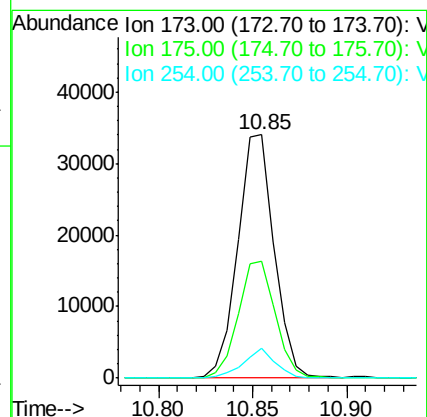
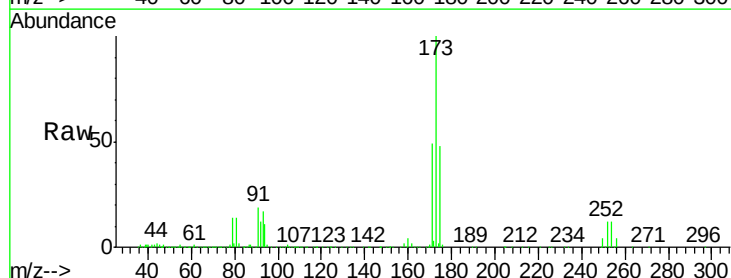
Tgt Ion: 173 Resp: 45831

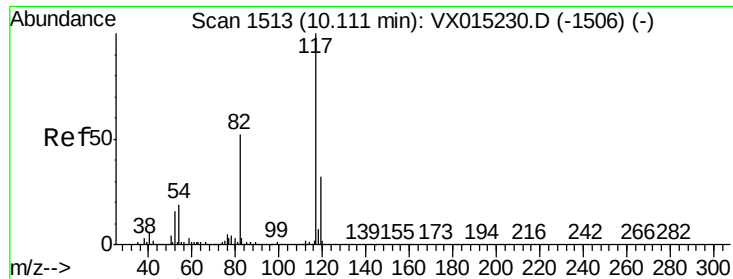
Ion Ratio Lower Upper

173 100

175 48.8 38.9 58.3

254 10.8 9.1 13.7





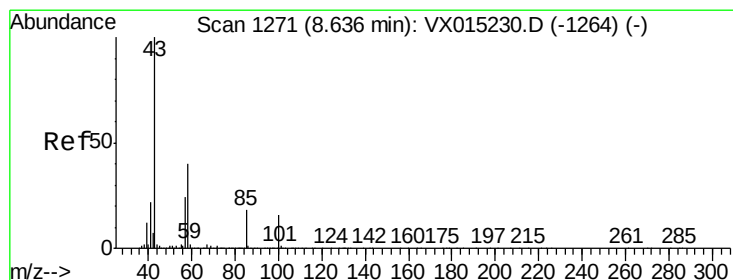
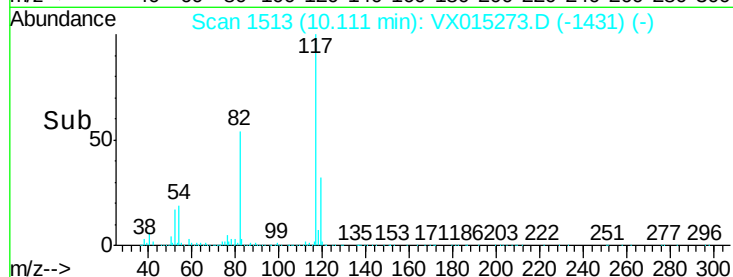
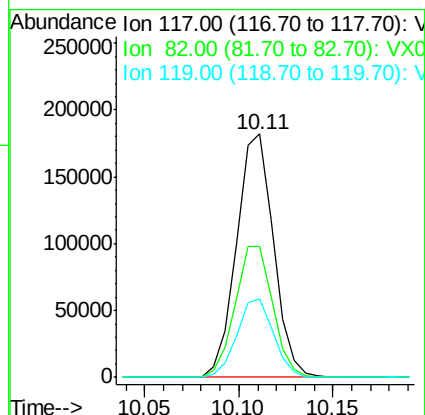
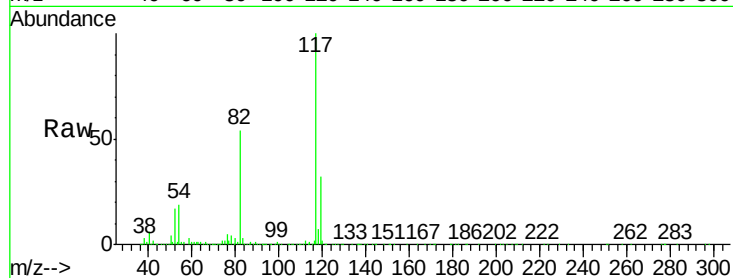
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	117	Resp:	247187
Ion Ratio	Lower	Upper	
117	100		
82	55.0	43.2	64.8
119	32.2	25.8	38.8

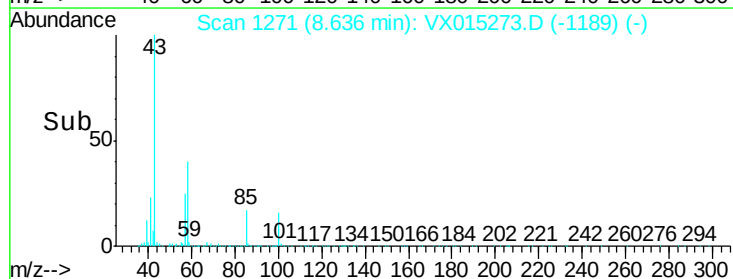
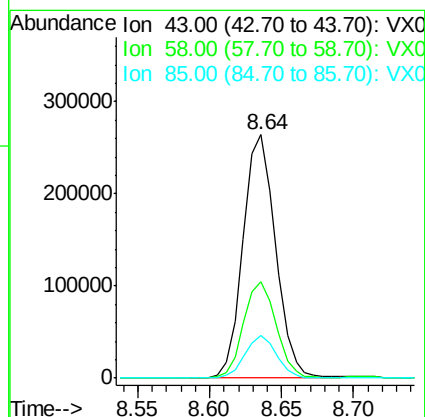
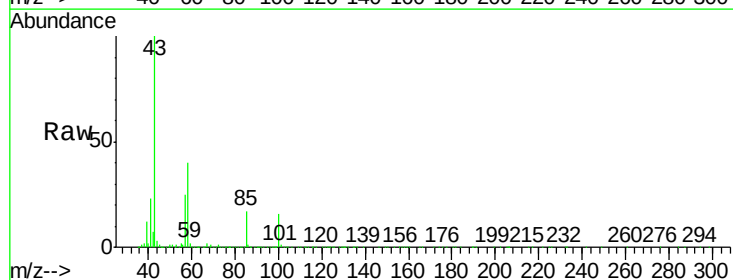
Manual Integrations
APPROVED

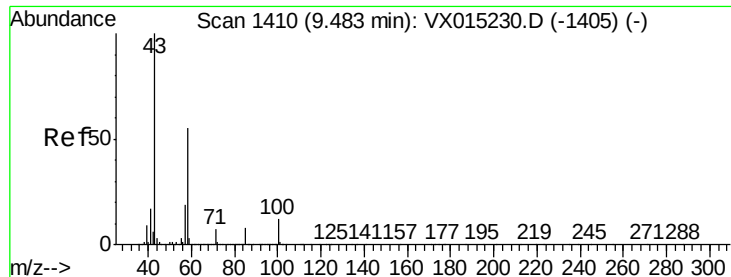
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 98.257 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion:	43	Resp:	413490
Ion Ratio	Lower	Upper	
43	100		
58	39.9	31.6	47.4
85	17.2	13.8	20.8





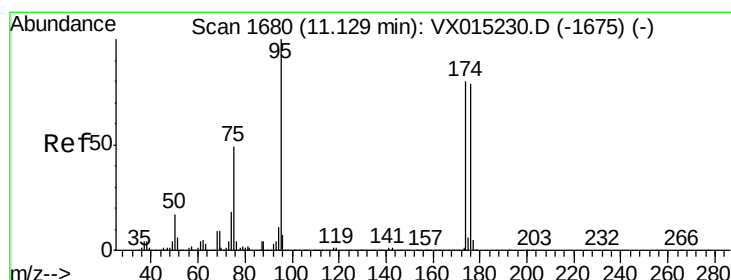
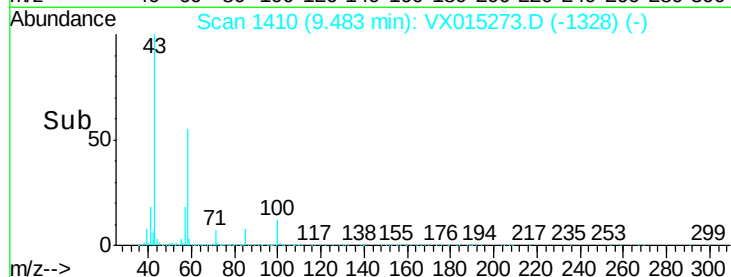
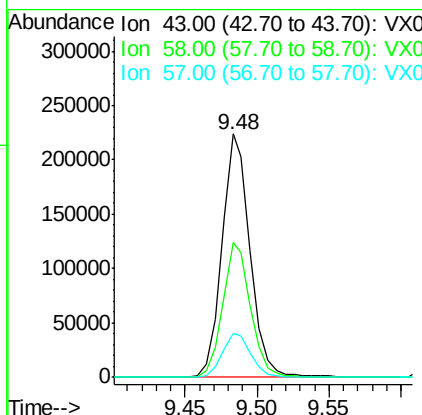
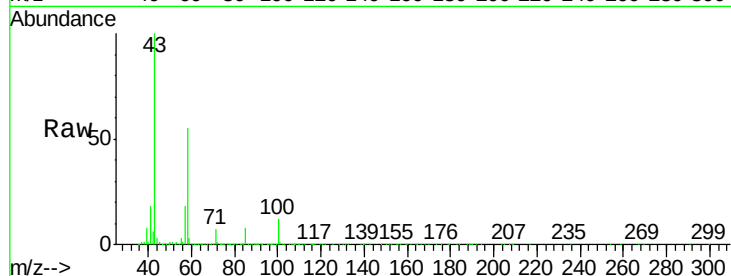
#59
2-Hexanone
Concen: 95.712 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	44.6	66.8
57	18.4	14.6	21.8

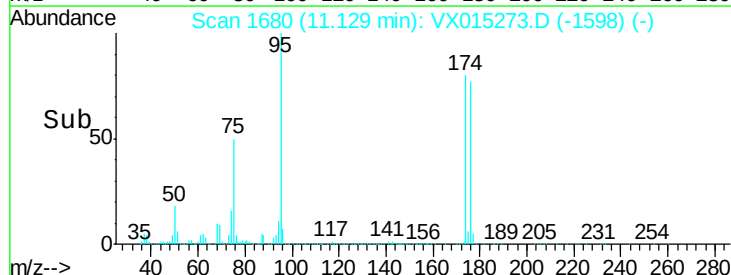
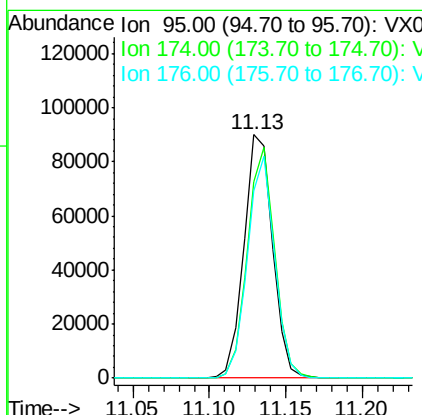
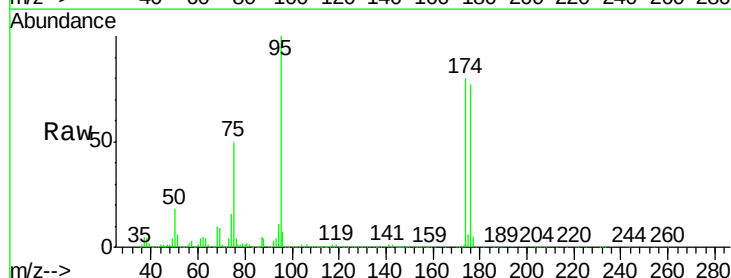
Manual Integrations
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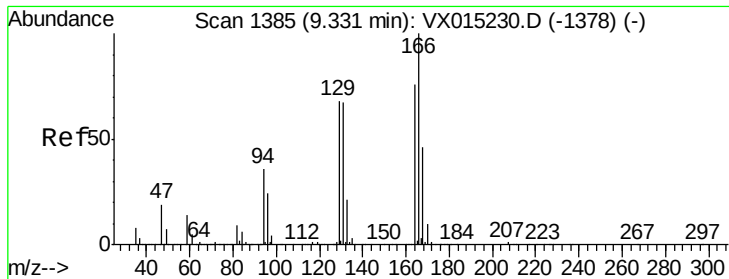
MMDadoda
3/16/2020 2:07:32 PM



#60
4-Bromofluorobenzene
Concen: 29.807 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.2	72.0	108.0
176	86.5	70.1	105.1





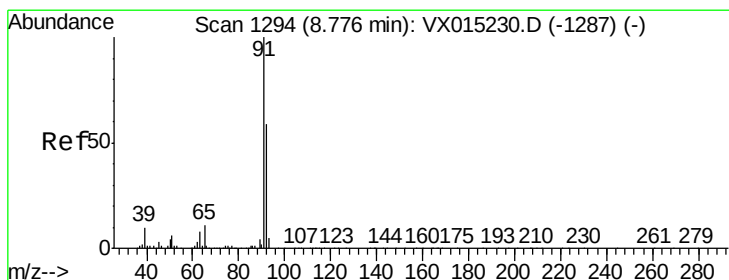
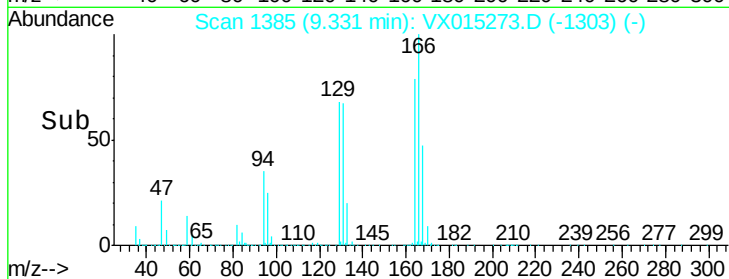
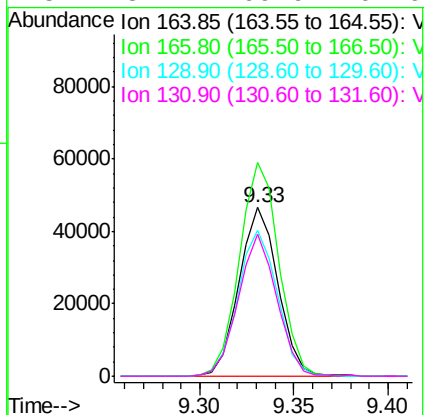
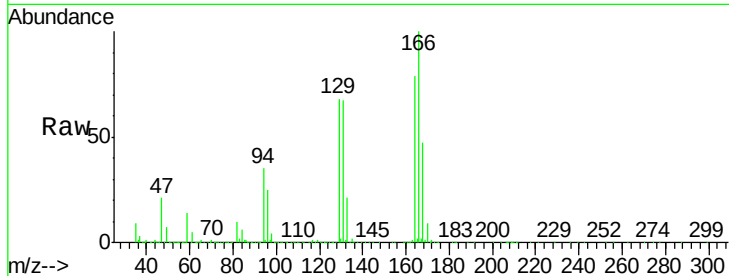
#61
Tetrachloroethene
Concen: 19.397 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.3	105.1	157.7
129	86.2	71.5	107.3
131	84.2	69.9	104.9

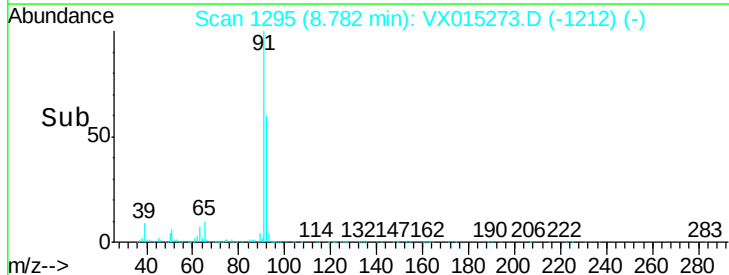
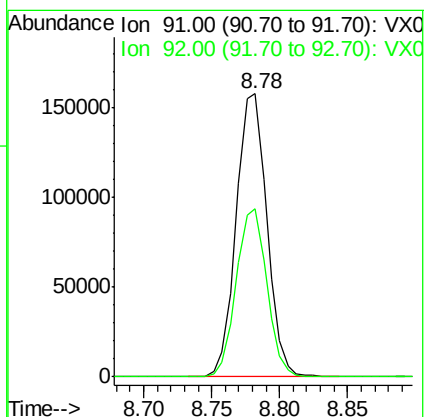
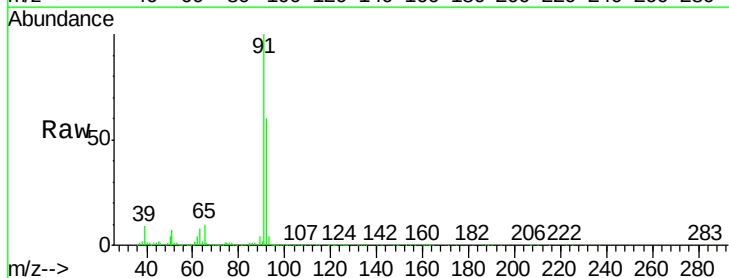
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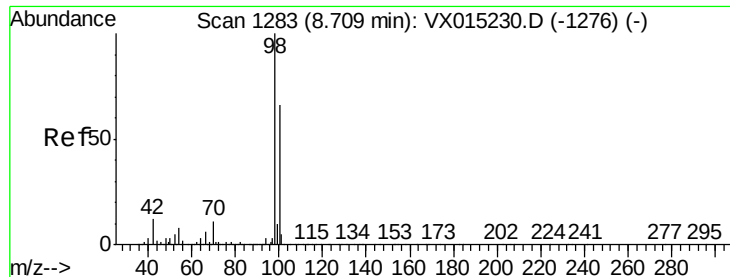
MMDadoda
3/16/2020 2:07:32 PM



#62
Toluene
Concen: 19.085 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	47.1	70.7





#63

Toluene-d8

Concen: 30.773 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 325826

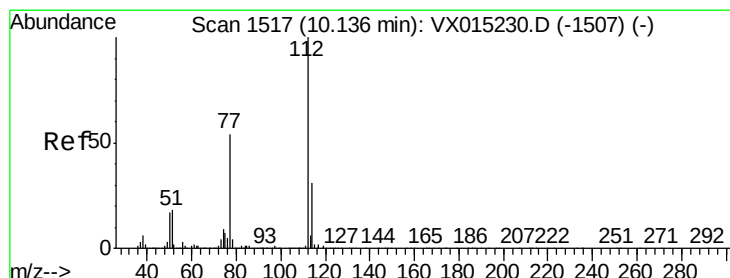
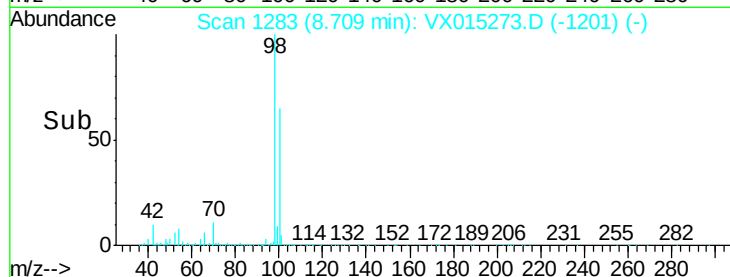
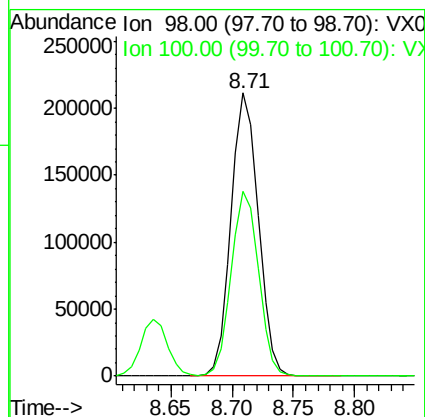
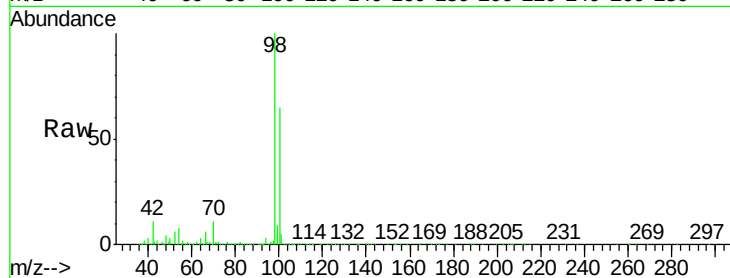
Ion Ratio Lower Upper

98 100

100 65.4 53.0 79.4

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#64

Chlorobenzene

Concen: 18.644 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015273.D

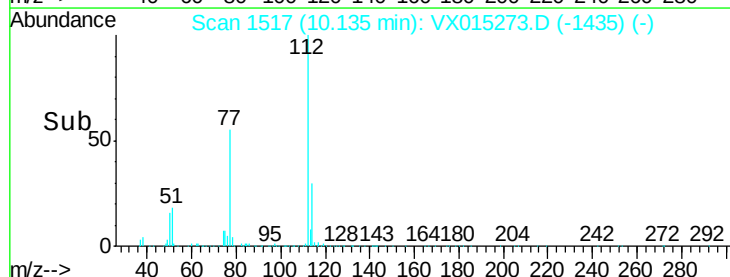
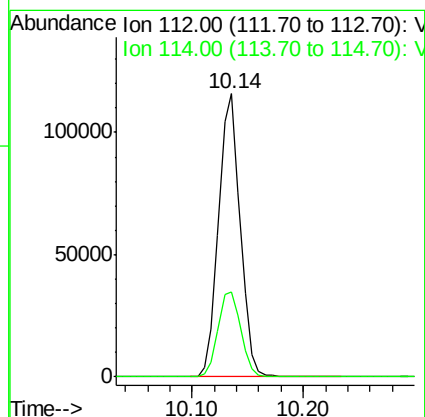
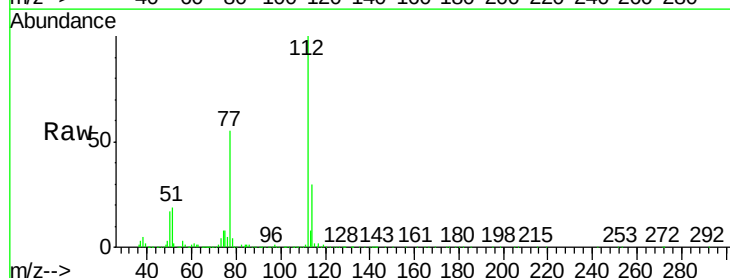
Acq: 13 Mar 2020 20:59

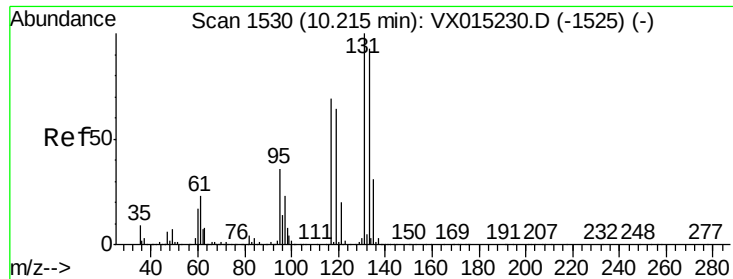
Tgt Ion: 112 Resp: 155824

Ion Ratio Lower Upper

112 100

114 30.0 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 18.836 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

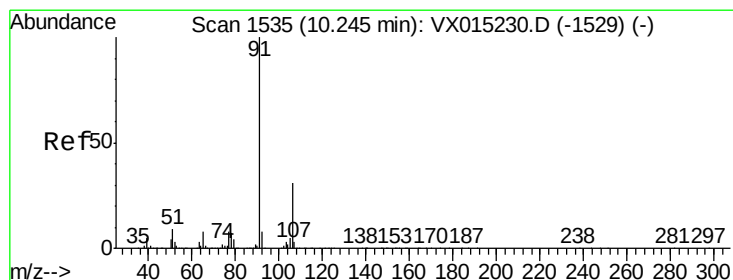
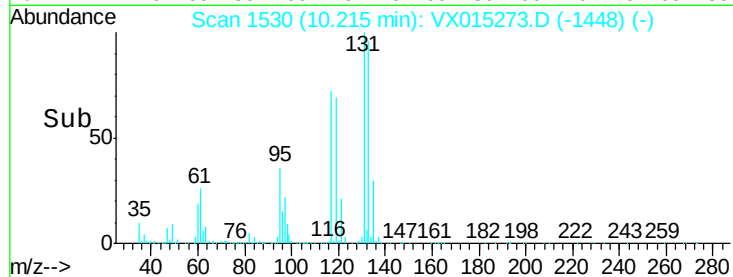
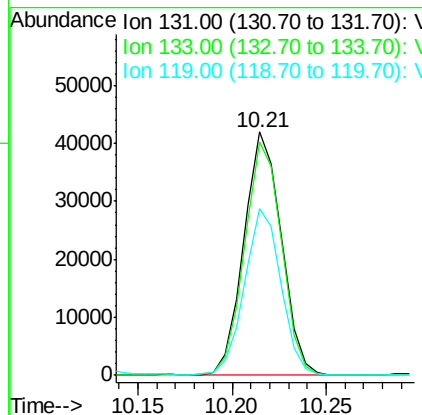
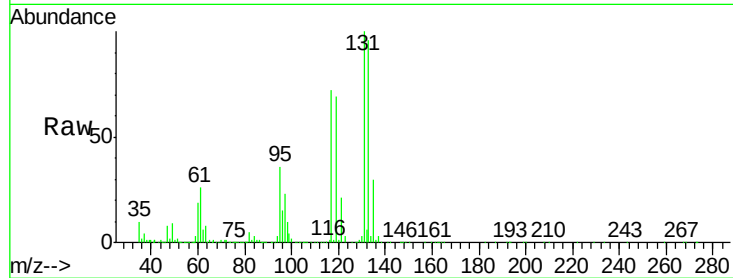
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	57988
Ion	Ratio	Lower	Upper
131	100		
133	94.8	0.0	188.0
119	66.8	0.0	131.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.661 ug/l

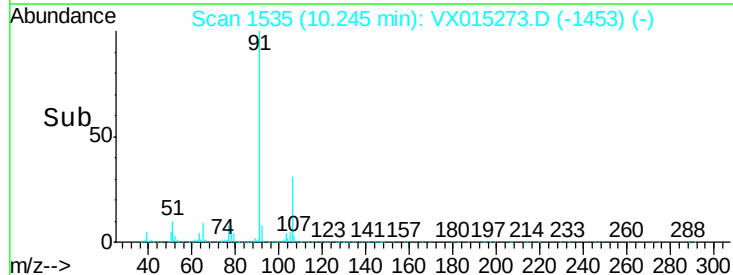
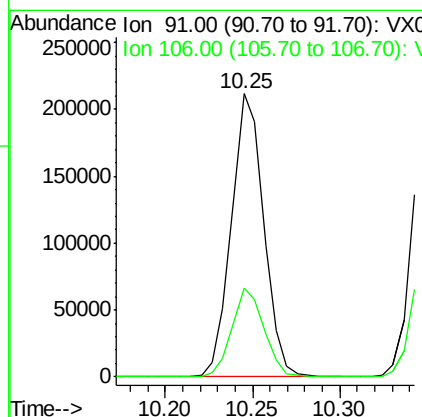
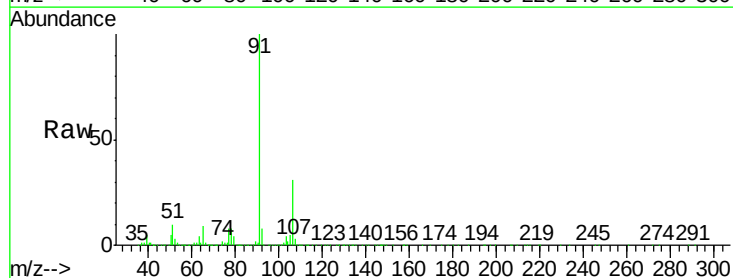
RT: 10.25 min Scan# 1535

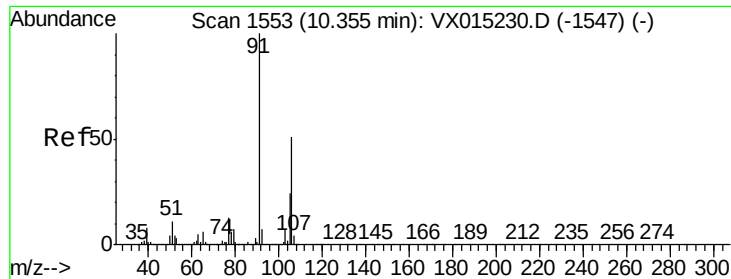
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	91	Resp:	271921
Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.9	37.3





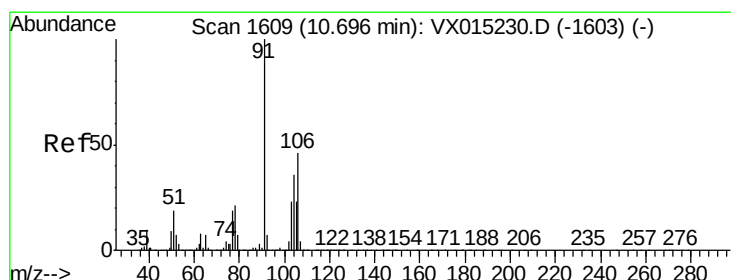
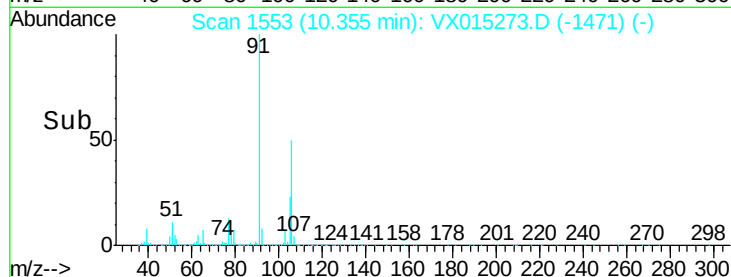
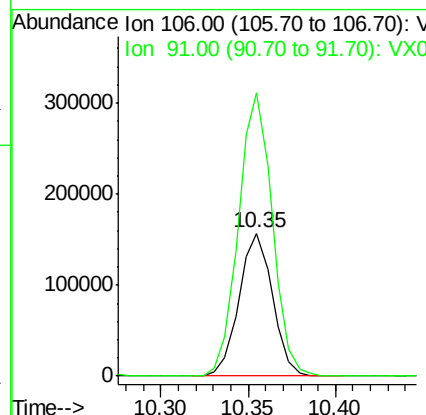
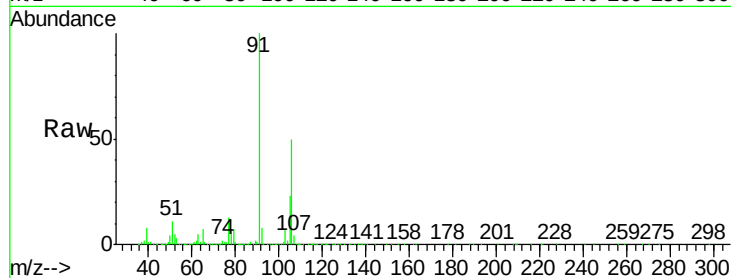
#67
m/p-Xylenes
Concen: 37.393 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.8	160.1	240.1

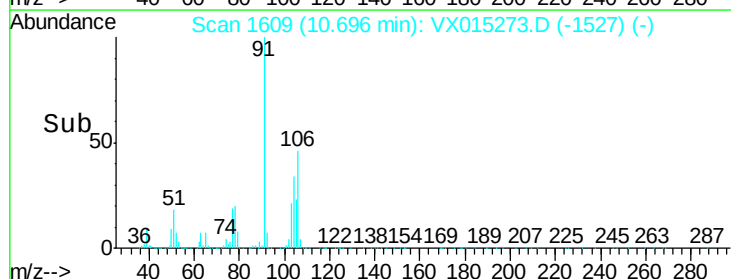
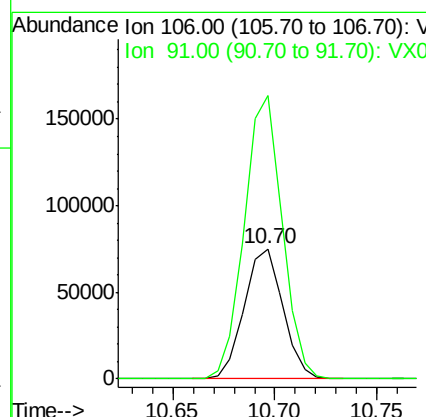
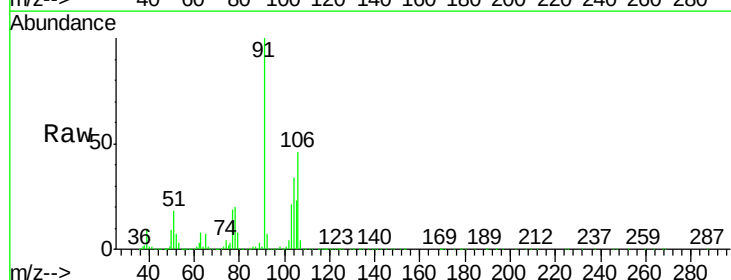
Manual Integrations
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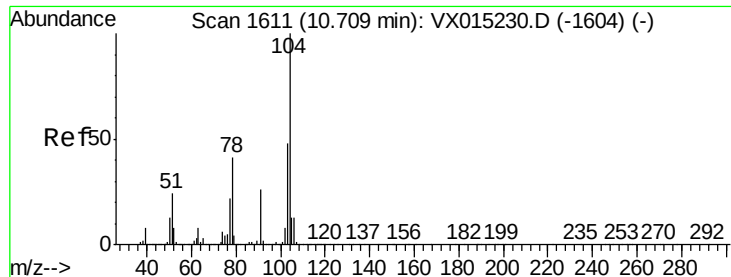
MMDadoda
3/16/2020 2:07:32 PM



#68
o-Xylene
Concen: 18.420 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.6	106.4	319.2





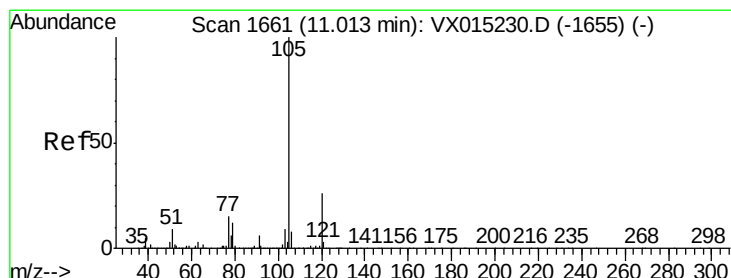
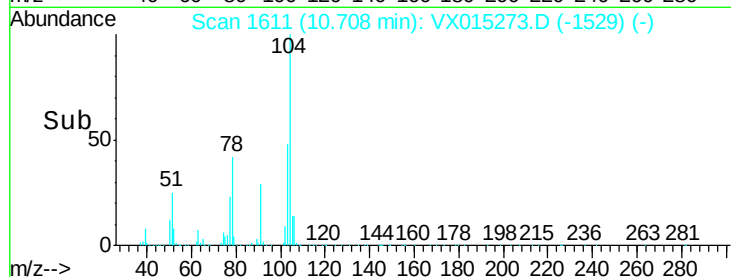
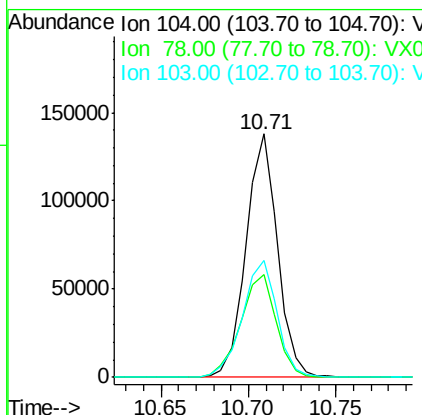
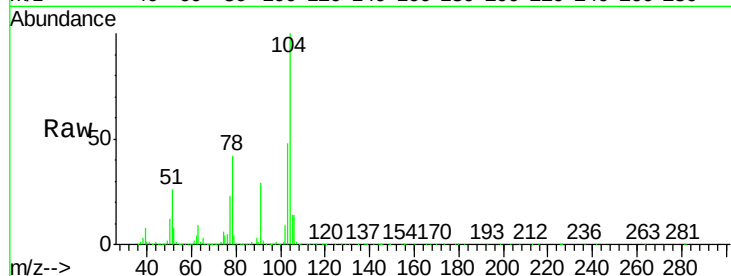
#69
Stvrene
Concen: 18.433 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	47.6	38.9	58.3
103	53.3	43.2	64.8

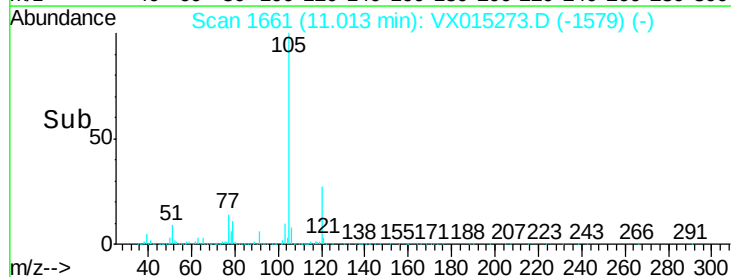
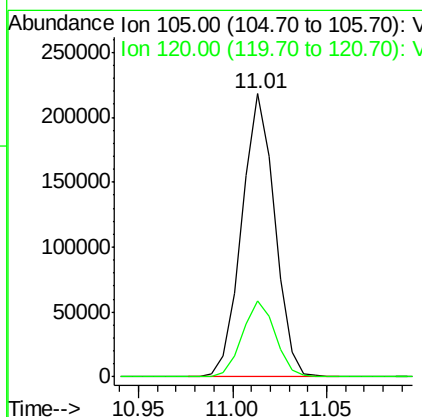
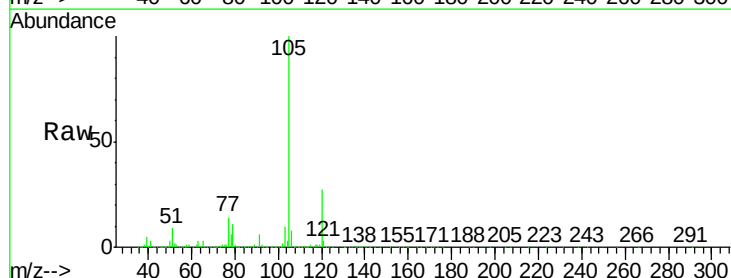
Manual Integrations
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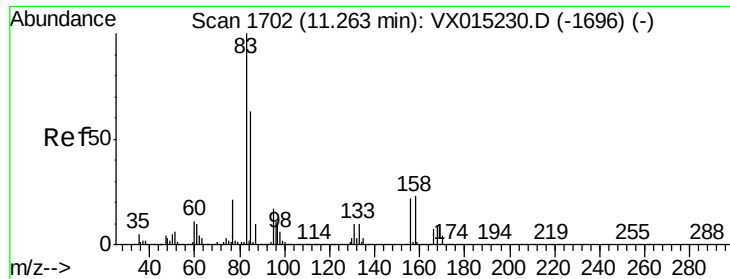
MMDadoda
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#70
Isopropylbenzene
Concen: 18.575 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.6	34.6





#71

1,1,2,2-Tetrachloroethane

Concen: 18.877 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

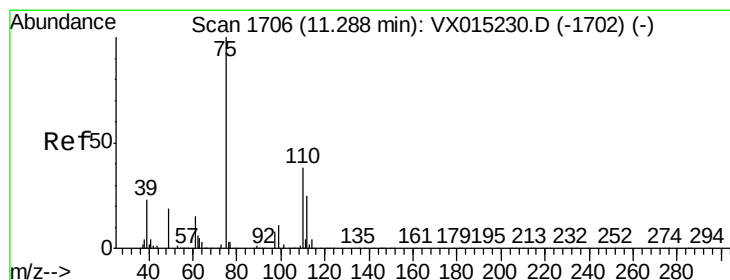
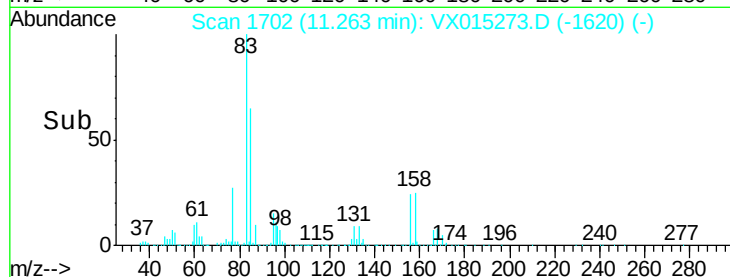
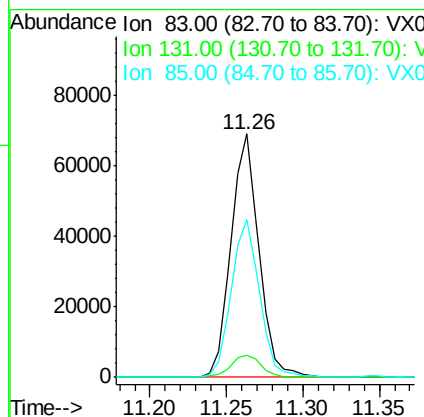
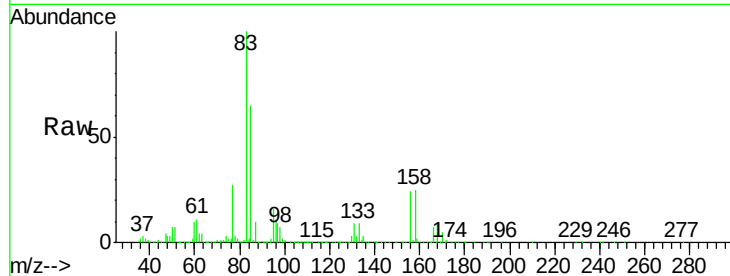
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	87465
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	14.9
85	65.5	31.8	95.4

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3/16/2020 2:07:32 PM



#72

1,2,3-Trichloropropane

Concen: 18.866 ug/l m

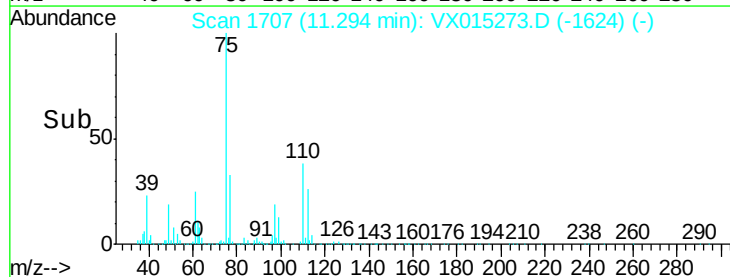
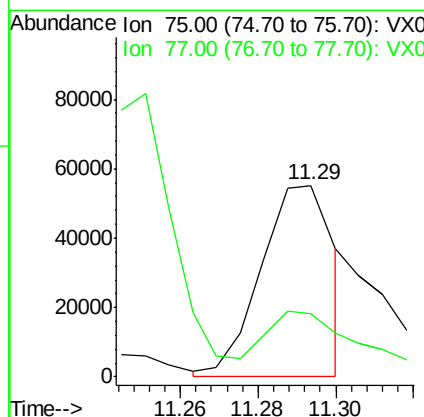
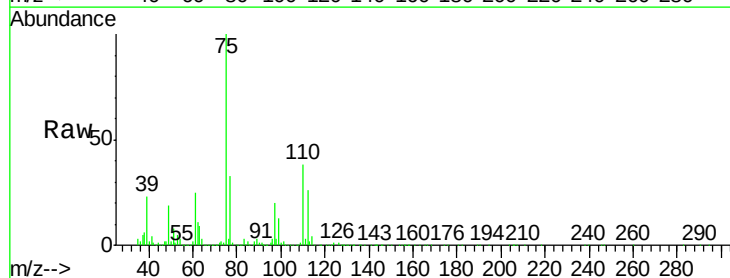
RT: 11.29 min Scan# 1707

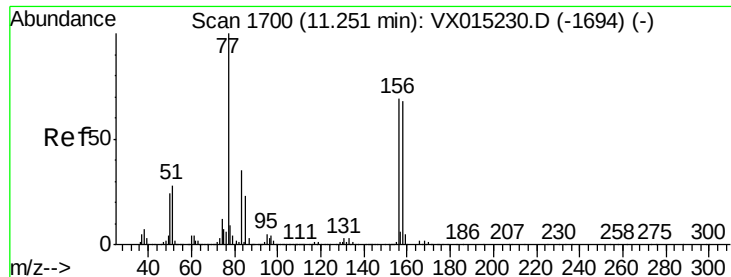
Delta R.T. 0.01 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	75	Resp:	71550
Ion Ratio	Lower	Upper	
75	100		
77	43.5	0.0	83.0





#73

Bromobenzene

Concen: 18.616 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

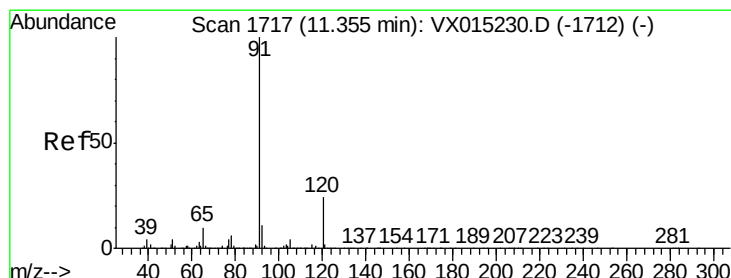
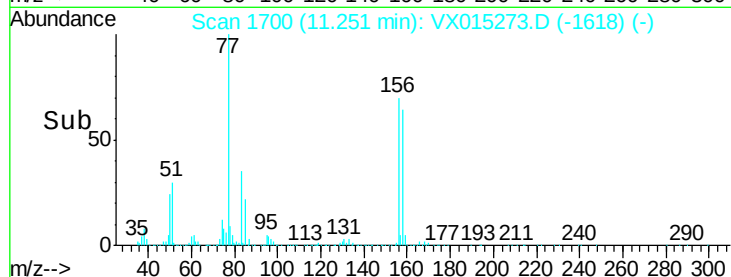
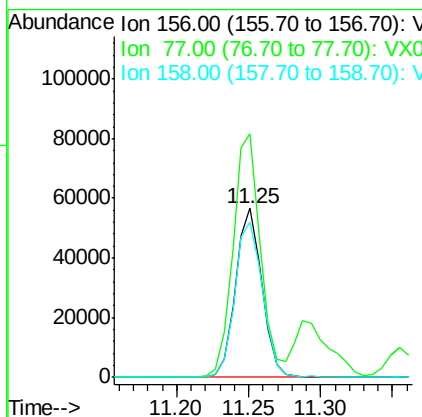
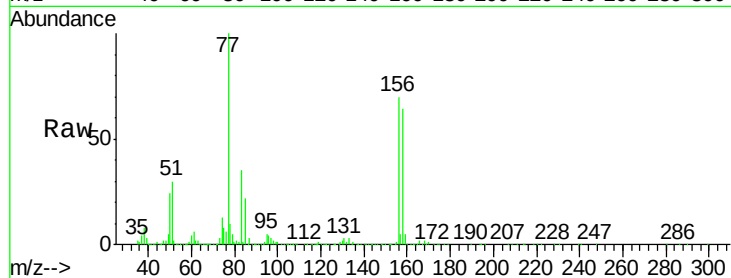
ClientSampled :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.2	0.0	305.0
158	96.2	0.0	197.2

Manual Integrations
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#74

n-propylbenzene

Concen: 18.546 ug/l

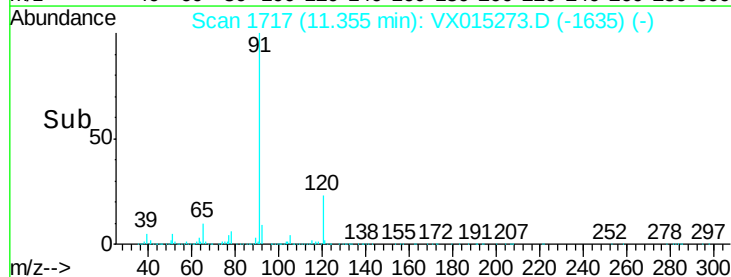
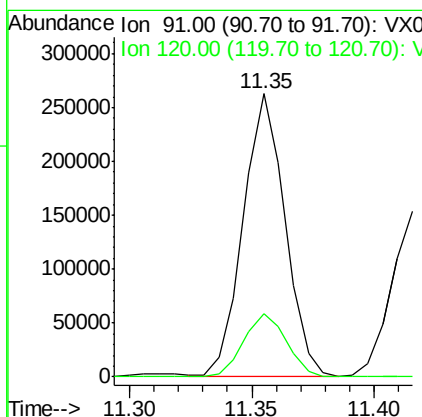
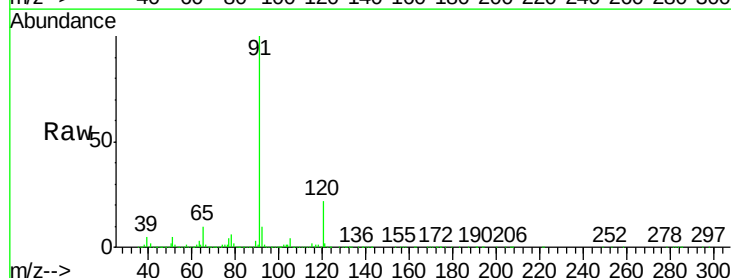
RT: 11.35 min Scan# 1717

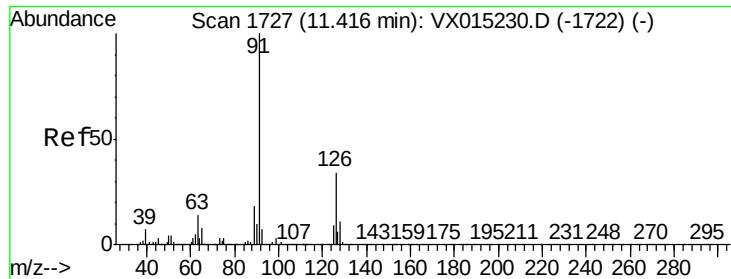
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	47.0





#75

2-Chlorotoluene

Concen: 18.436 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 181516

Ion Ratio Lower Upper

91 100

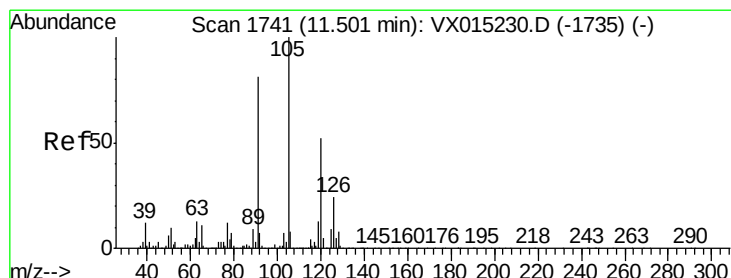
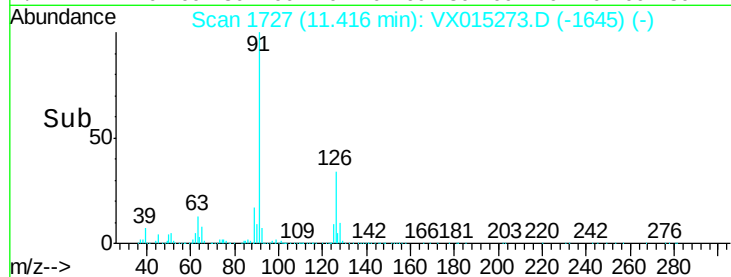
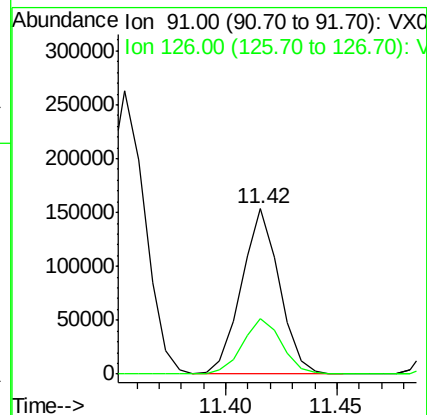
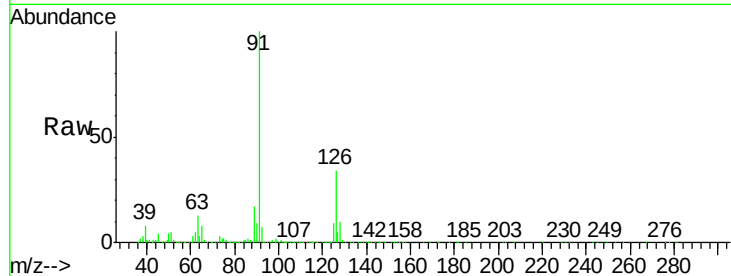
126 34.8 0.0 69.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.140 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015273.D

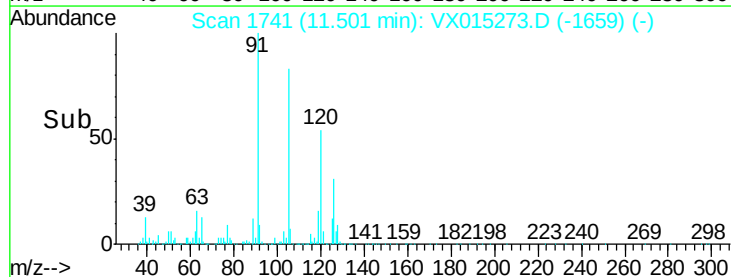
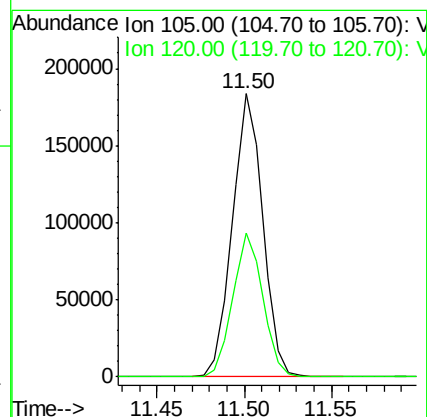
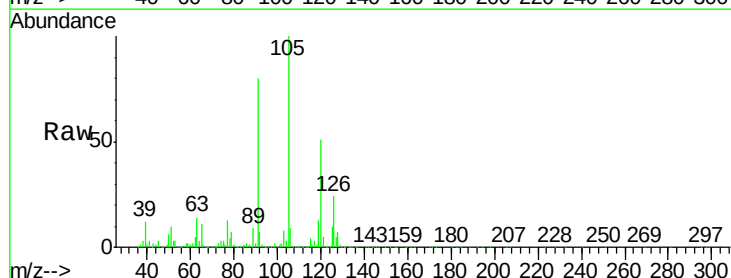
Acq: 13 Mar 2020 20:59

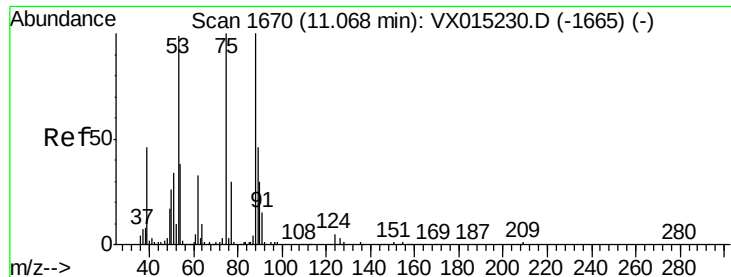
Tgt Ion: 105 Resp: 221036

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 16.529 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

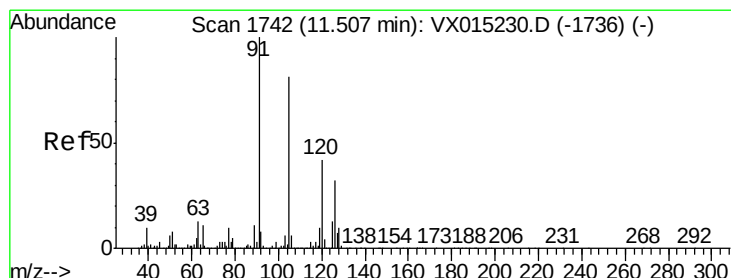
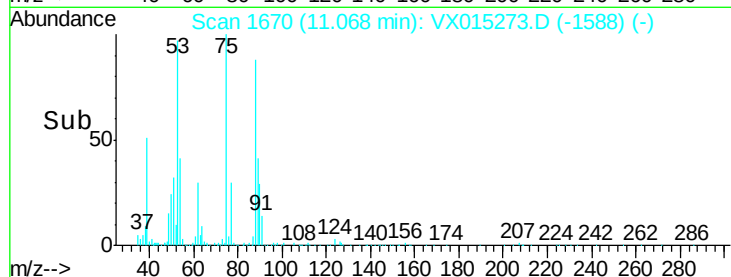
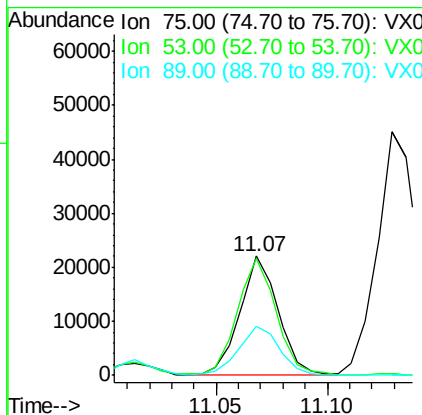
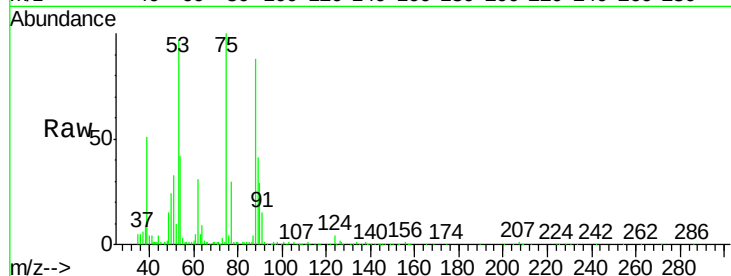
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	26255
Ion Ratio	Lower	Upper	
75	100		
53	97.3	49.5	148.3
89	40.4	22.9	68.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 18.643 ug/l

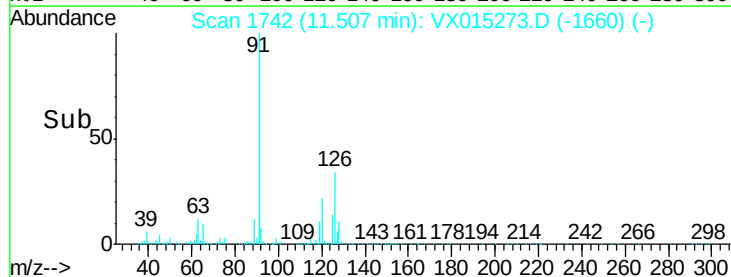
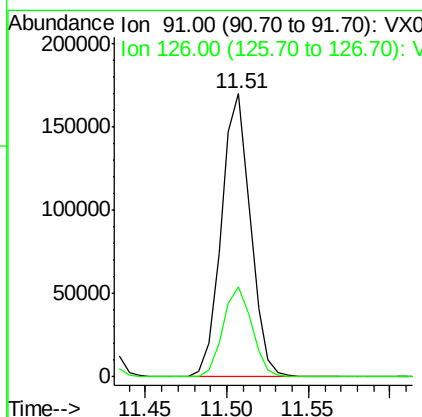
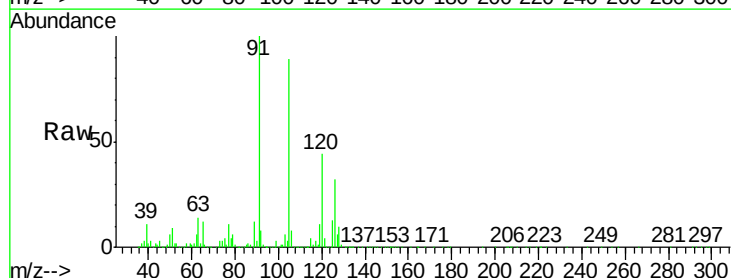
RT: 11.51 min Scan# 1742

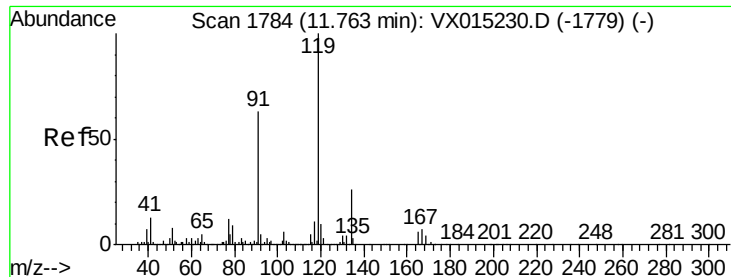
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	91	Resp:	211323
Ion Ratio	Lower	Upper	
91	100		
126	31.5	0.0	61.4





#79

tert-butylbenzene

Concen: 18.592 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Instrument :

MSVOA_X

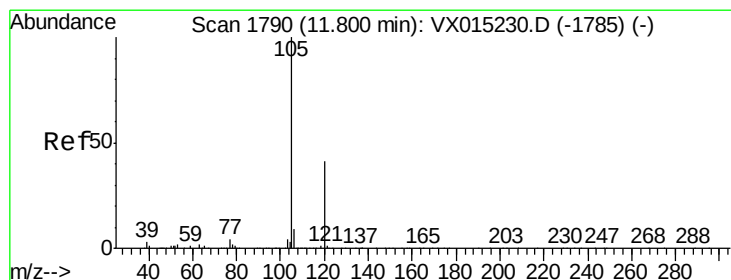
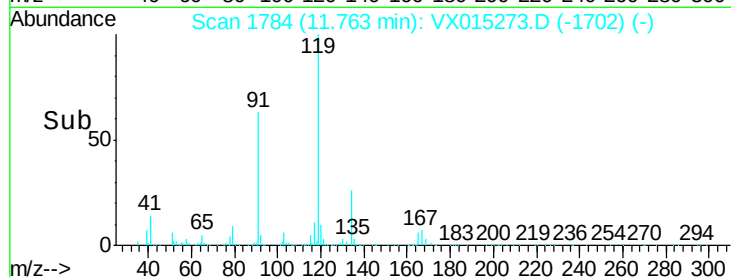
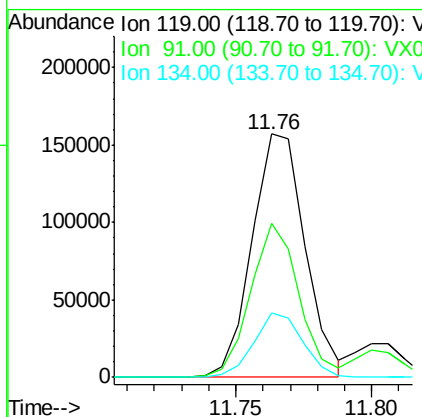
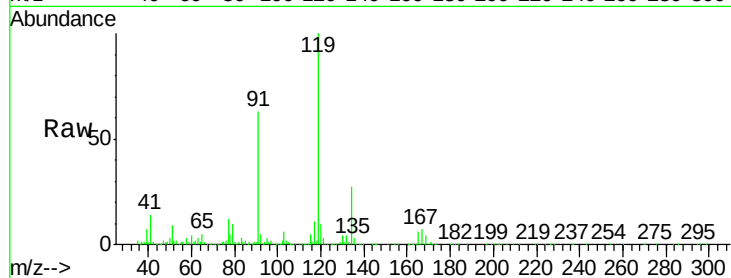
ClientSampleId :

VSTDCCC020

Tot Ion:	119	Resp:	212389
Ion Ratio	Lower	Upper	
119	100		
91	57.5	0.0	115.4
134	24.7	0.0	49.4

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#80

1,2,4-Trimethylbenzene

Concen: 18.797 ug/l

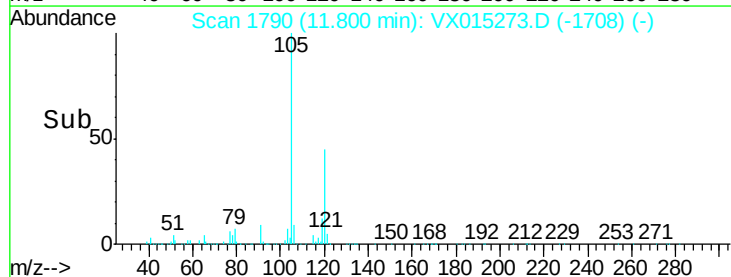
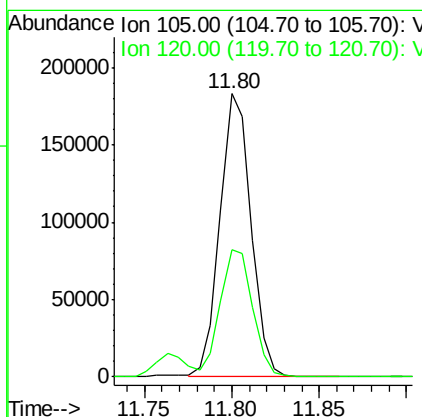
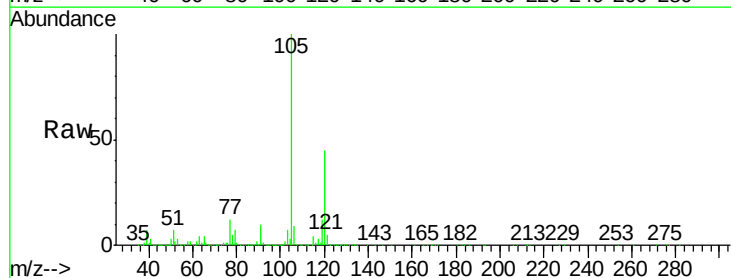
RT: 11.80 min Scan# 1790

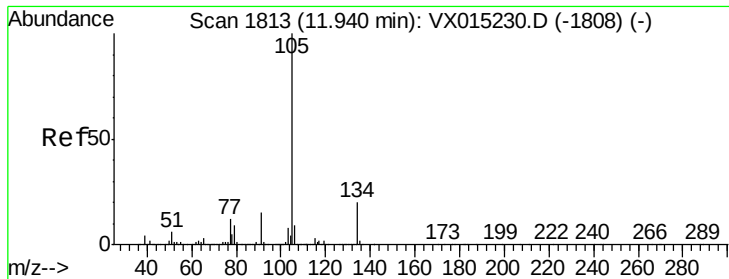
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion:	105	Resp:	226443
Ion Ratio	Lower	Upper	
105	100		
120	46.5	0.0	93.2





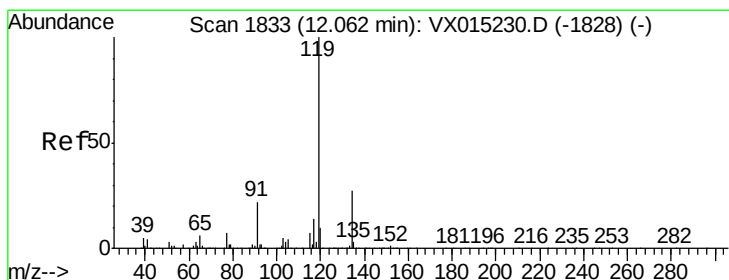
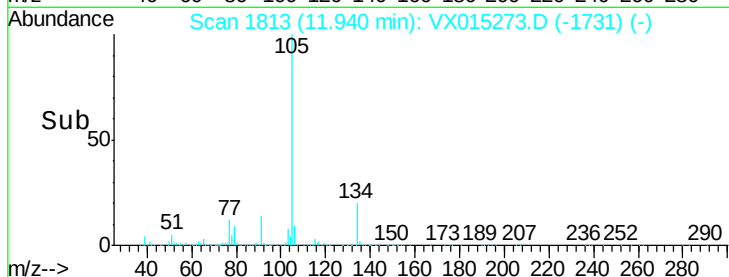
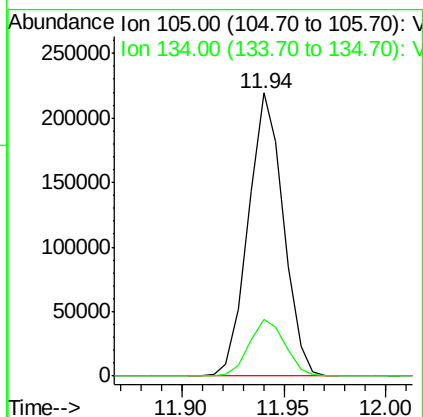
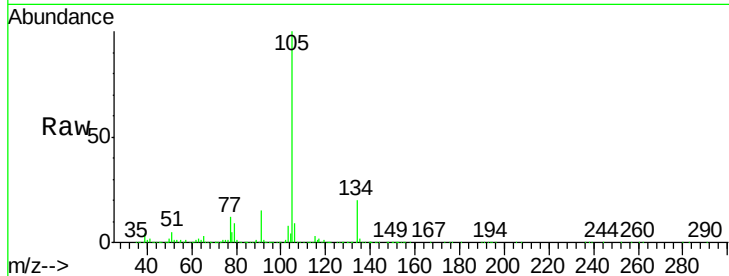
#81
 sec-Butylbenzene
 Concen: 18.536 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	262791		
134	20.4	0.0	40.8	

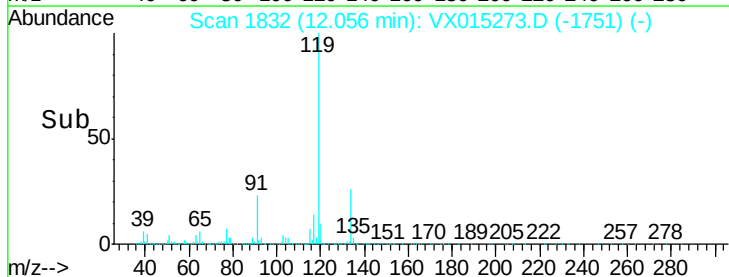
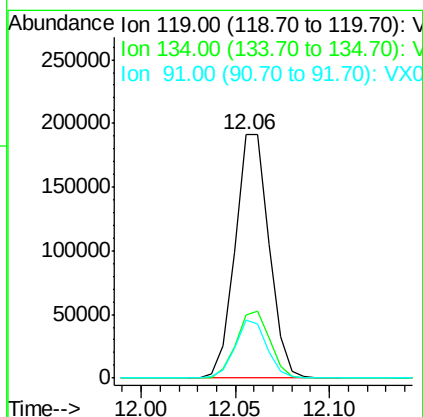
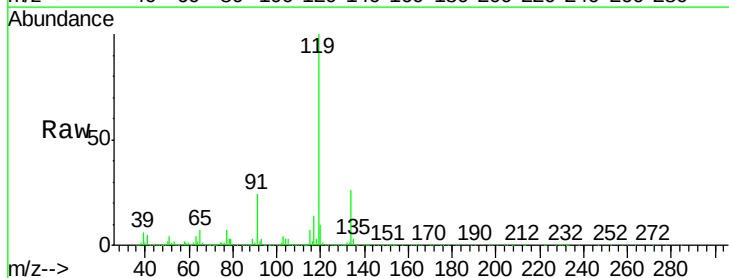
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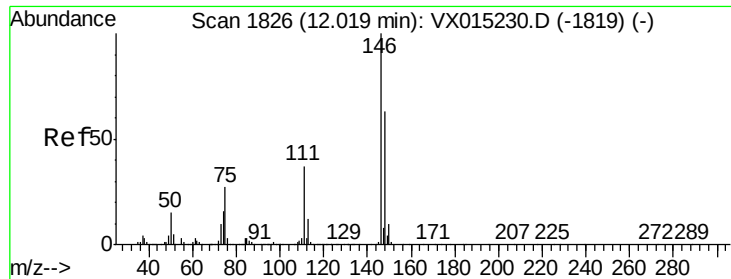
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#82
 p-Isopropyltoluene
 Concen: 18.362 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	239392		
134	27.1	0.0	53.6	
91	22.6	0.0	43.6	





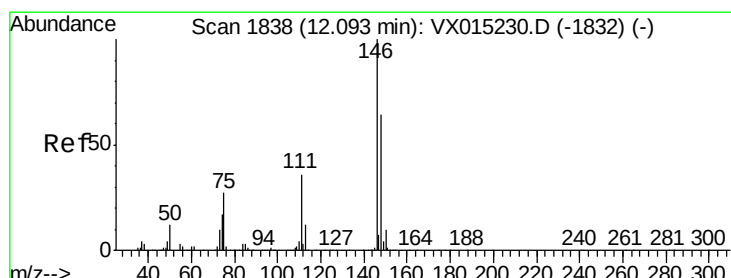
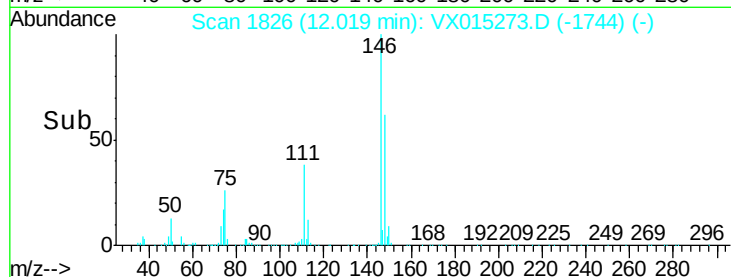
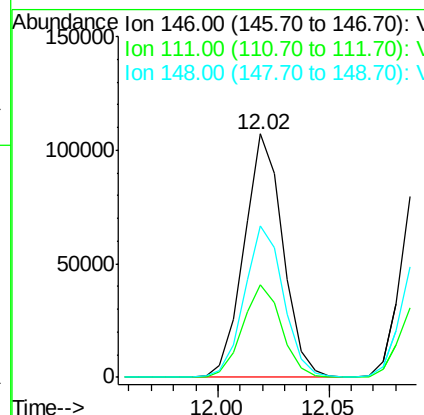
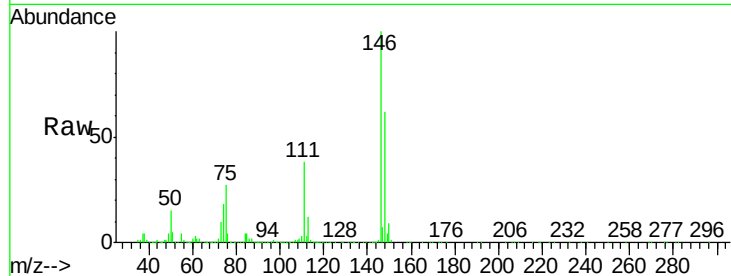
#83
 1,3-Dichlorobenzene
 Concen: 18.933 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.4
148	62.6	31.9	95.7

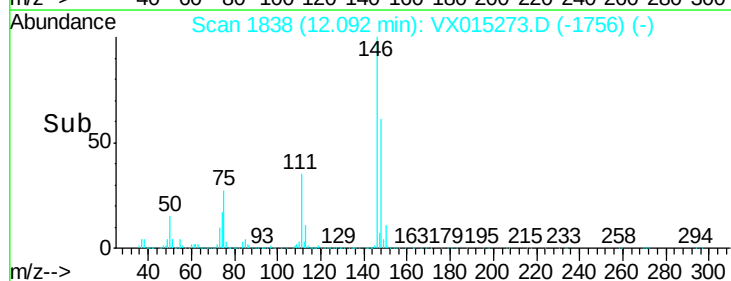
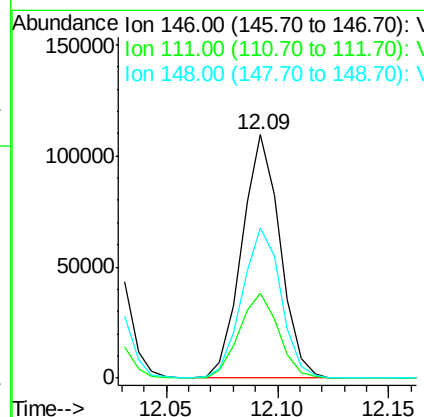
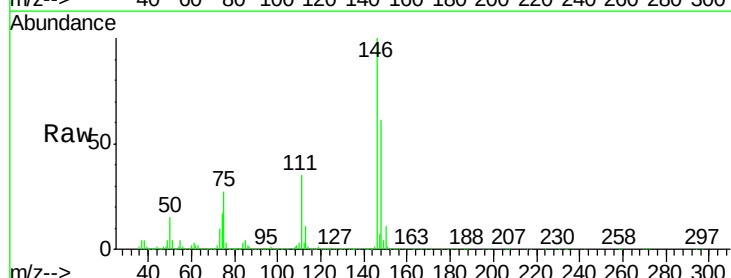
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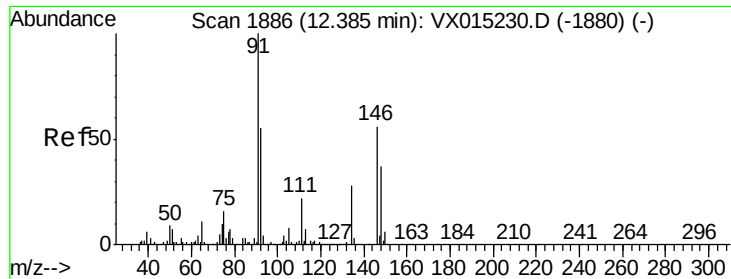
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 19.046 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.4	55.0
148	63.1	31.9	95.9





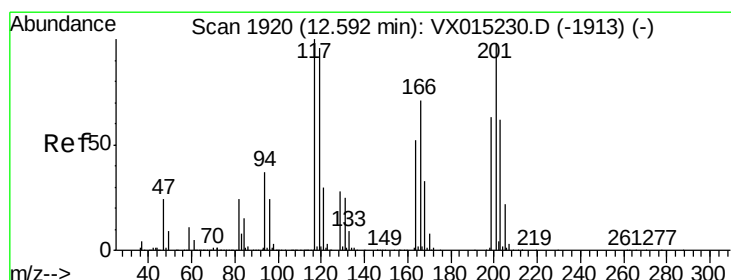
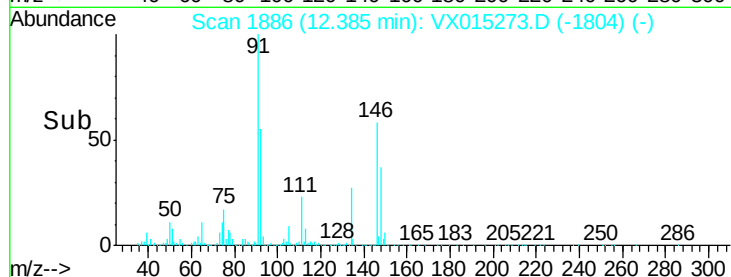
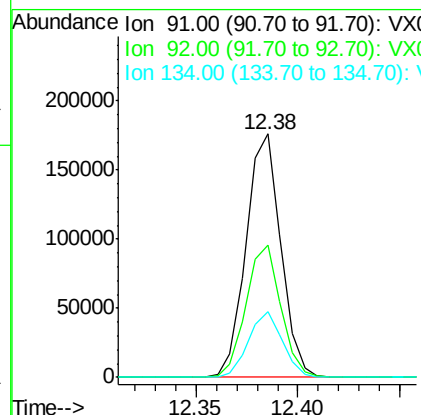
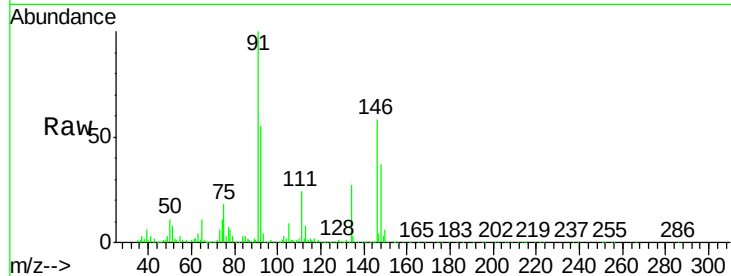
#85
n-Butylbenzene
Concen: 18.247 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	208484		
92	54.2	0.0	109.4	
134	26.6	0.0	53.0	

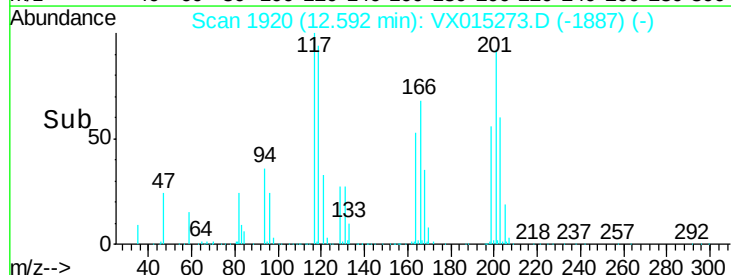
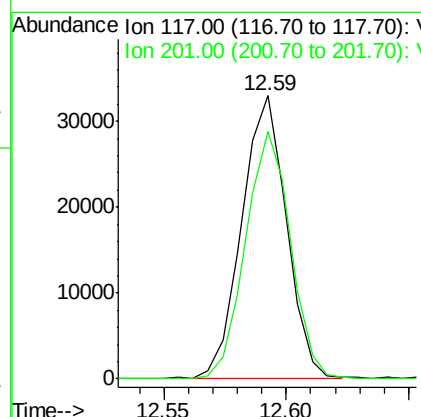
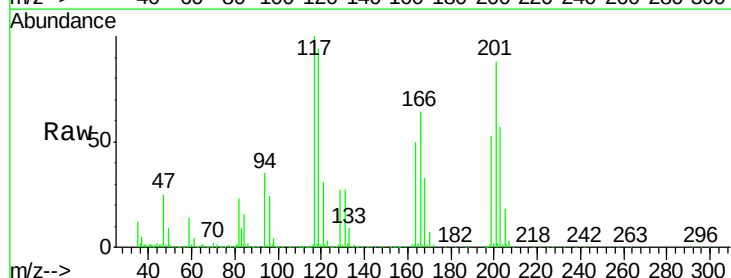
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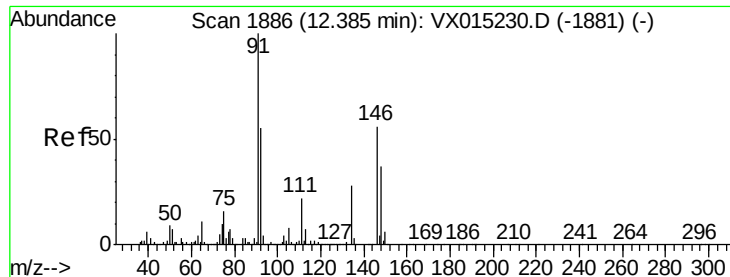
MMDadoda
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#86
Hexachloroethane
Concen: 18.277 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	41714		
201	88.1	47.8	143.3	





#87

1,2-Dichlorobenzene

Concen: 19.203 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

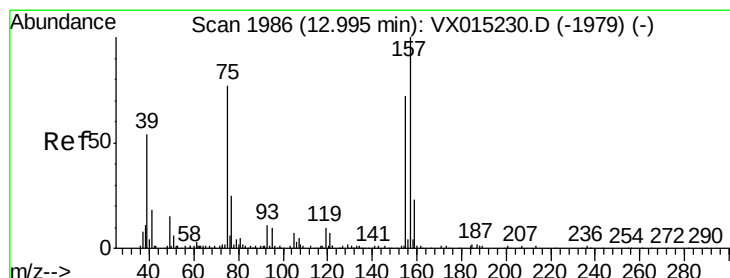
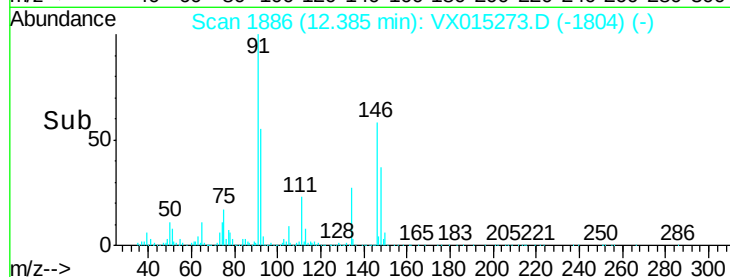
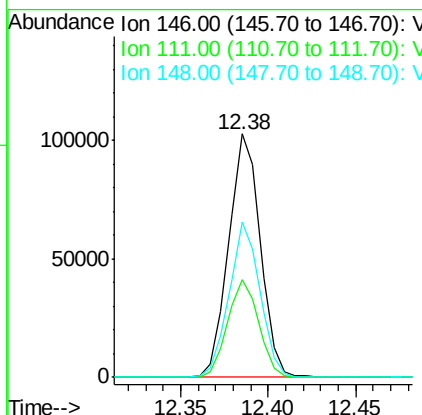
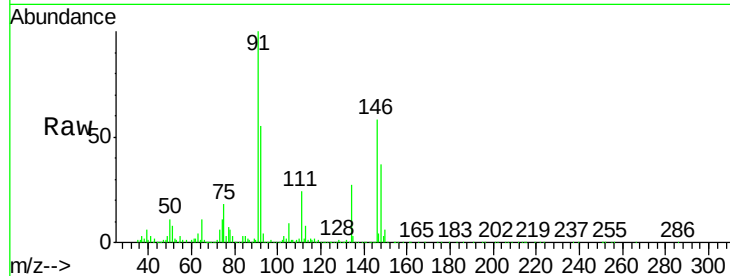
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.4
148	62.9	32.4	97.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.114 ug/l

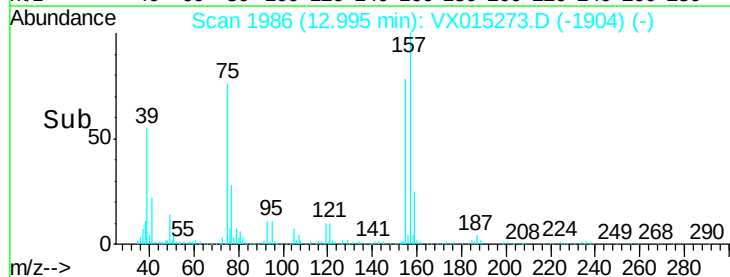
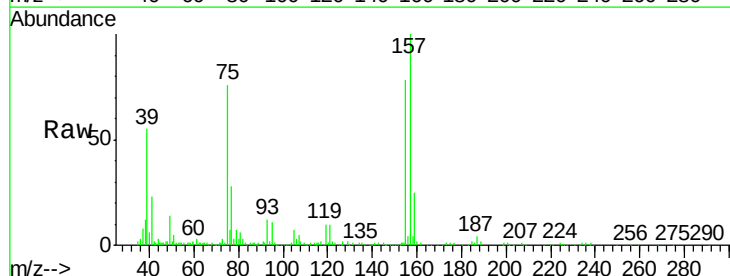
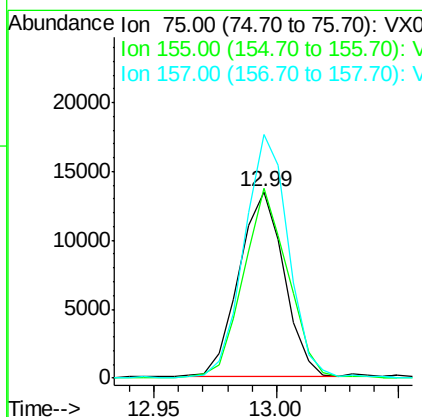
RT: 12.99 min Scan# 1986

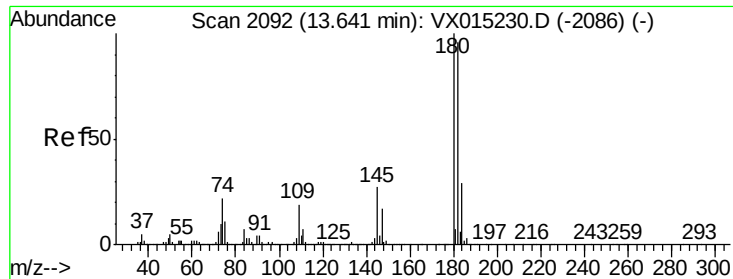
Delta R.T. -0.00 min

Lab File: VX015273.D

Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.0	77.5	116.3
157	128.6	103.0	154.4





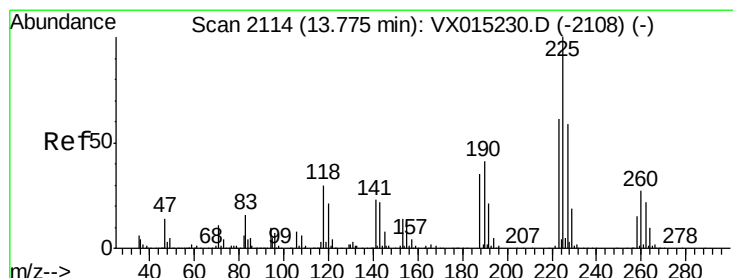
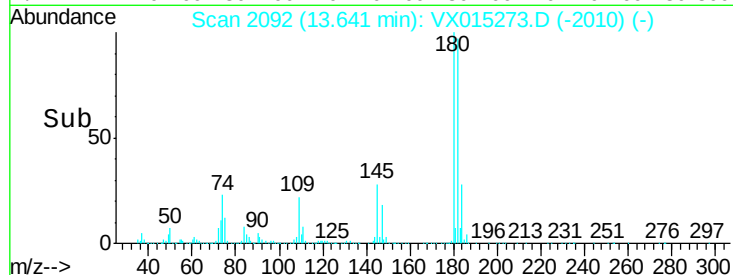
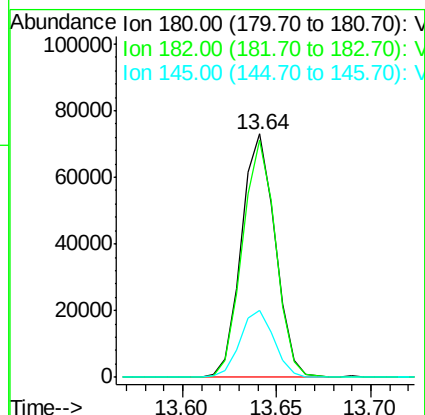
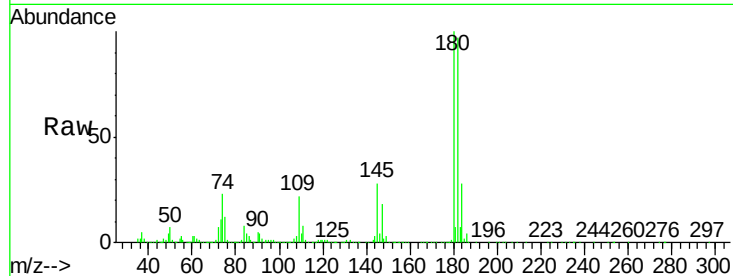
#89
 1,2,4-Trichlorobenzene
 Concen: 18.348 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	90952		
182	95.8		76.6	115.0
145	27.9		22.7	34.1

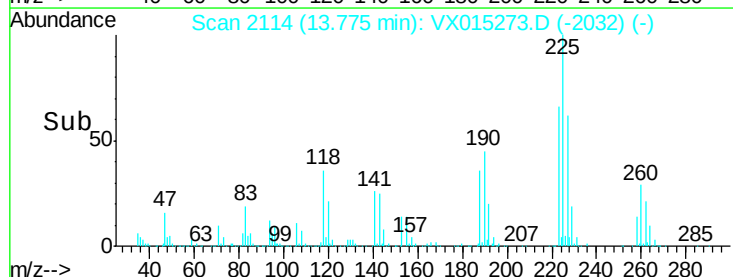
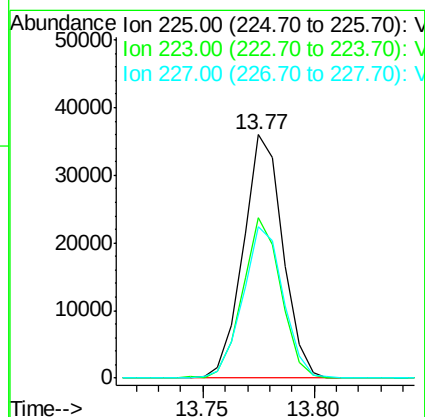
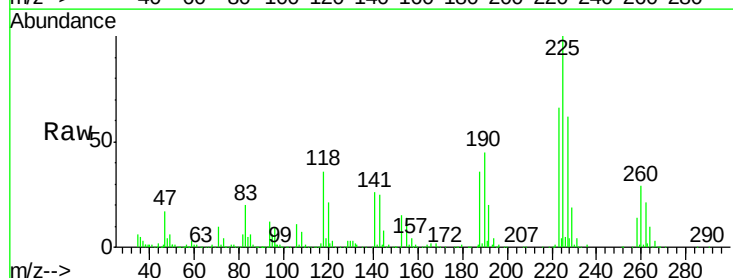
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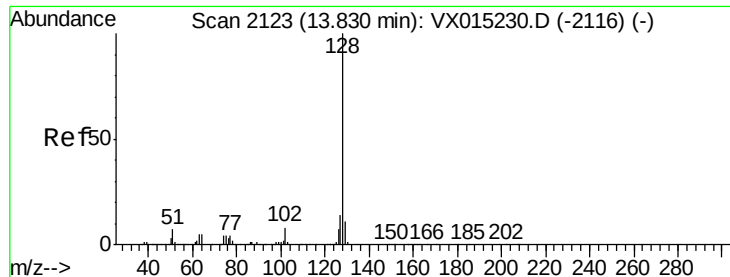
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#90
 Hexachlorobutadiene
 Concen: 17.508 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015273.D
 Acq: 13 Mar 2020 20:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44651		
223	63.5		0.0	125.0
227	63.1		0.0	126.2





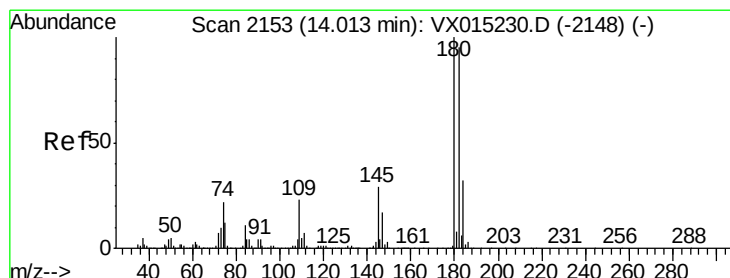
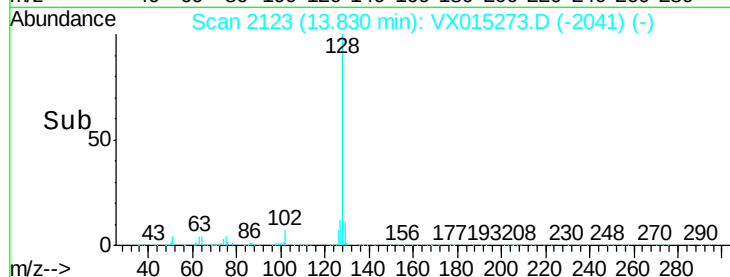
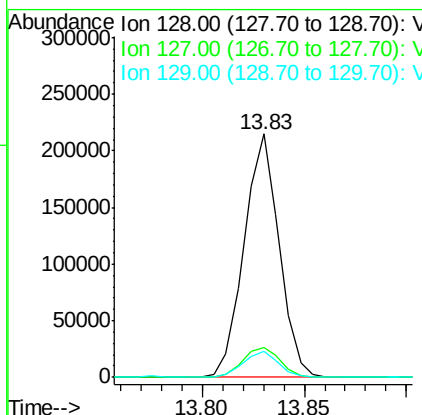
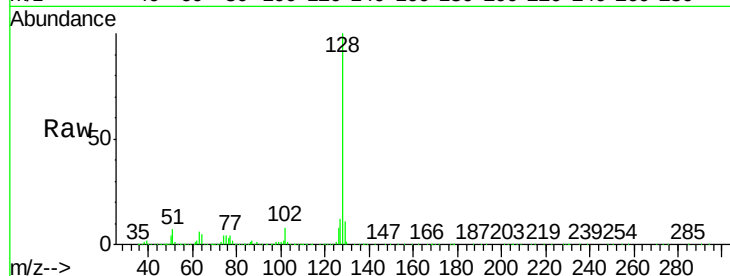
#91
Naphthalene
Concen: 18.653 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	128	Resp:	256155
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.8	16.2
129	11.0	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.700 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015273.D
Acq: 13 Mar 2020 20:59

Tgt Ion:	180	Resp:	93295
Ion Ratio	Lower	Upper	
180	100		
182	93.4	0.0	192.0
145	28.8	0.0	60.0

