

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015530.D
 Acq On : 07 Apr 2020 11:29
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:12:05 AM

Quant Time: Apr 08 03:08:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	224711	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.83	114	1287622	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	1184105	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	557322	31.74	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.80%
60) 4-Bromofluorobenzene	11.12	95	618348	30.51	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.70%
63) Toluene-d8	8.70	98	1523600	30.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.97%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	182272	16.986	ug/l 99
3) Chloromethane	1.31	50	222896	16.830	ug/l 98
4) Vinyl Chloride	1.39	62	221572	17.391	ug/l 100
5) Bromomethane	1.63	94	150599	22.204	ug/l 99
6) Chloroethane	1.72	64	139155	17.507	ug/l 94
7) Trichlorofluoromethane	1.92	101	333358	18.309	ug/l 97
8) Diethyl Ether	2.17	74	129808	18.530	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	224632	18.648	ug/l 98
10) 1,1-Dichloroethene	2.36	96	217691	17.792	ug/l 96
11) Methyl Iodide	2.49	142	289668	17.815	ug/l 90
12) Methyl Acetate	2.75	43	308713	17.243	ug/l 98
13) Acrolein	2.27	56	203352	87.308	ug/l 95
14) Acrylonitrile	3.11	53	657347	85.759	ug/l 98
15) Acetone	2.42	58	185875	95.366	ug/l 86
16) Carbon Disulfide	2.55	76	634605	17.742	ug/l 98
17) Allyl chloride	2.71	41	483205	17.492	ug/l 100
18) Methylene Chloride	2.83	84	248899	18.118	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	239439	18.090	ug/l 98
20) Diisopropyl ether	3.83	45	905121	18.268	ug/l 92
21) 1,1-Dichloroethane	3.67	63	463052	18.309	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	276841	18.156	ug/l 100
23) tert-Butyl Alcohol	3.01	59	282063	74.812	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	821429	18.082	ug/l 99
25) Chloroform	5.18	83	451077	18.043	ug/l 100
26) Cyclohexane	5.55	56	436125	18.048	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	348088	17.994	ug/l 99
30) 2-Butanone	4.63	43	983156	84.778	ug/l 99
31) 2,2-Dichloropropane	4.55	77	429702	18.458	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	416696	17.654	ug/l 98
33) Carbon Tetrachloride	5.75	117	375343	17.450	ug/l 95
34) Benzene	6.11	78	991690	17.786	ug/l 99
35) Methacrylonitrile	5.00	41	221336	16.831	ug/l 97
36) 1,2-Dichloroethane	6.16	62	400660	18.597	ug/l 99
37) Trichloroethene	7.18	130	276926	17.640	ug/l 94
38) Methylcyclohexane	7.44	83	428934	18.087	ug/l 98
39) 1,2-Dichloropropane	7.49	63	259901	17.355	ug/l 94
40) Dibromomethane	7.64	93	169139	16.968	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	377311	17.417	ug/l	97
42) Vinyl Acetate	3.78	43	4005303	91.153	ug/l	99
43) Ethyl Acetate	4.80	43	374668	14.853	ug/l	99
44) Isopropyl Acetate	6.41	43	687500	16.935	ug/l	99
45) 1,4-Dioxane	7.71	88	105570	282.282	ug/l	99
46) Methyl methacrylate	7.75	41	342140	16.889	ug/l	99
47) n-amyl Acetate	10.88	43	609495	17.412	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	434792	17.386	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	454960	17.625	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	251686	17.594	ug/l	97
51) Ethyl methacrylate	9.16	69	422374	17.168	ug/l	100
52) 1,3-Dichloropropane	9.36	76	444667	17.997	ug/l	100
53) Dibromochloromethane	9.56	129	299365	16.976	ug/l	99
54) 1,2-Dibromoethane	9.65	107	262567	17.106	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	1010780	86.987	ug/l	99
56) Bromoform	10.84	173	229065	15.798	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	1945111	85.830	ug/l	99
59) 2-Hexanone	9.47	43	1496609	86.807	ug/l	100
61) Tetrachloroethene	9.32	164	266737	17.525	ug/l	90
62) Toluene	8.76	91	1081666	18.035	ug/l	99
64) Chlorobenzene	10.12	112	689400	17.878	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.20	131	273375	17.349	ug/l	97
66) Ethyl Benzene	10.23	91	1241494	18.120	ug/l	99
67) m/p-Xylenes	10.34	106	942265	36.335	ug/l	99
68) o-Xylene	10.68	106	447550	17.656	ug/l	100
69) Styrene	10.70	104	787996	17.843	ug/l	99
70) Isopropylbenzene	11.00	105	1230619	18.313	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	371389	17.052	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	356510m	17.494	ug/l	
73) Bromobenzene	11.24	156	318582	17.662	ug/l	99
74) n-propylbenzene	11.34	91	1457853	18.915	ug/l	100
75) 2-Chlorotoluene	11.40	91	856114	18.263	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	1049176	18.181	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	138586	15.781	ug/l	96
78) 4-Chlorotoluene	11.50	91	1023587	18.874	ug/l	100
79) tert-butylbenzene	11.76	119	1030989	17.876	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	1068181	18.273	ug/l	100
81) sec-Butylbenzene	11.93	105	1213524	18.342	ug/l	100
82) p-Isopropyltoluene	12.05	119	1160780	18.615	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	584194	18.011	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	581702	17.971	ug/l	100
85) n-Butylbenzene	12.37	91	1069488	19.242	ug/l	99
86) Hexachloroethane	12.58	117	203853	16.915	ug/l	98
87) 1,2-Dichlorobenzene	12.38	146	571759	18.069	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	92446	16.115	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	454801	17.841	ug/l	99
90) Hexachlorobutadiene	13.77	225	213969	15.934	ug/l	98
91) Naphthalene	13.82	128	1301530	17.632	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	454165	17.935	ug/l	96

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ClientSampleId :
VSTDCCC020

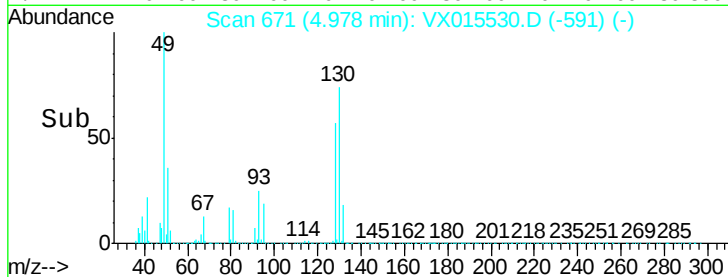
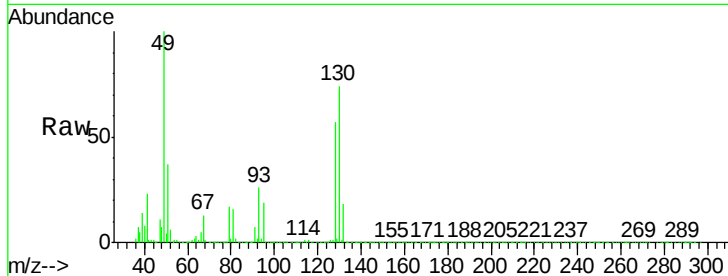
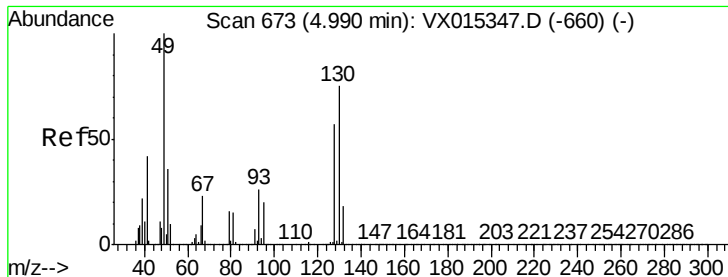
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 671

Delta R.T. -0.01 min

Lab File: VX015530.D

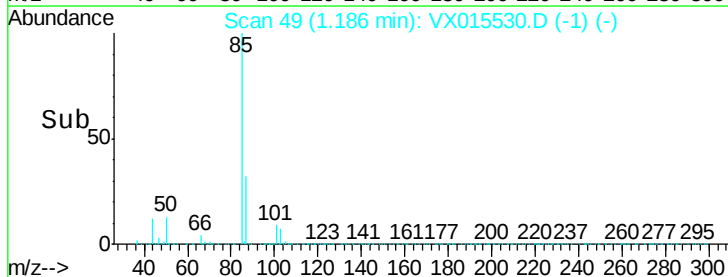
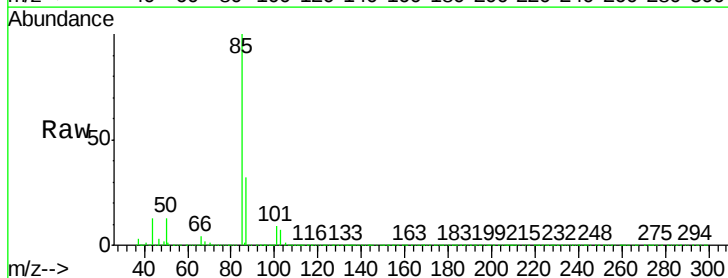
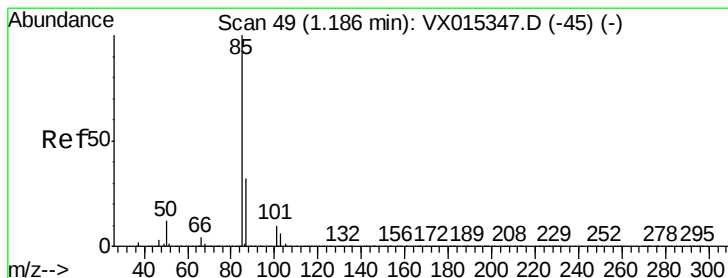
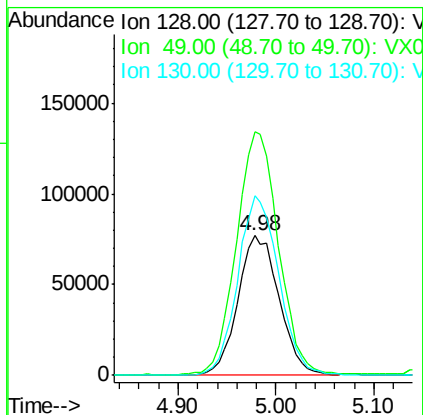
Acq: 07 Apr 2020 11:29

Tot Ion:	128	Resp:	224711
Ion Ratio	Lower	Upper	
128	100		
49	176.6	0.0	428.0
130	128.3	0.0	324.5

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#2

Dichlorodifluoromethane

Concen: 16.986 ug/l

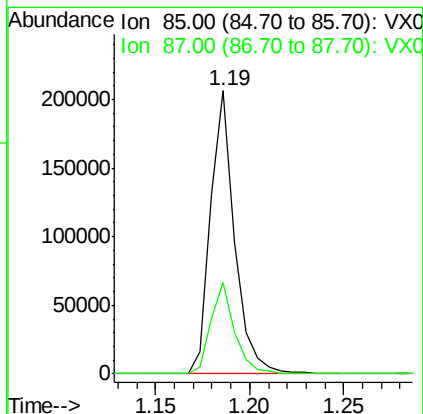
RT: 1.19 min Scan# 49

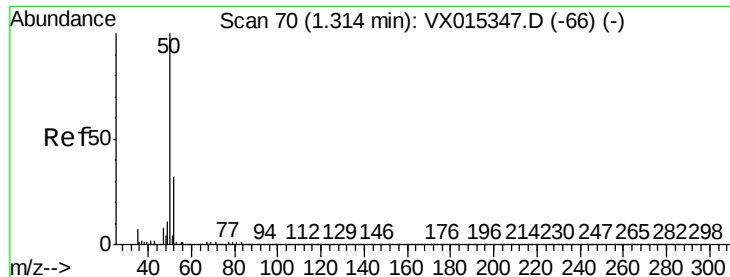
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	85	Resp:	182272
Ion Ratio	Lower	Upper	
85	100		
87	32.2	16.3	48.9





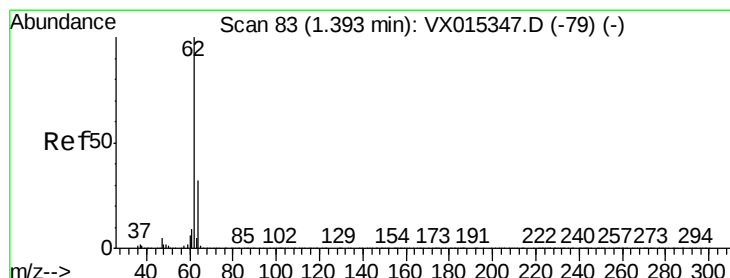
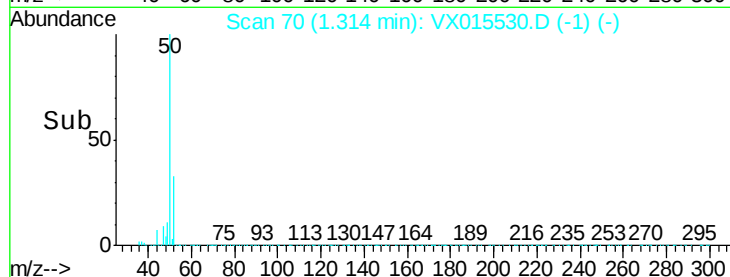
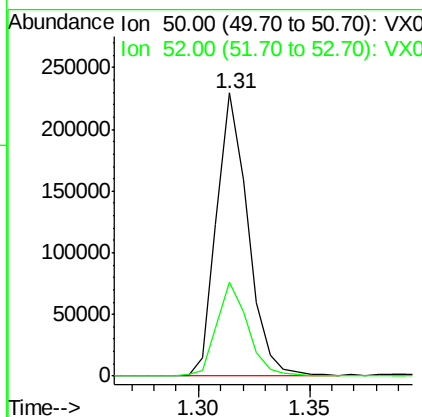
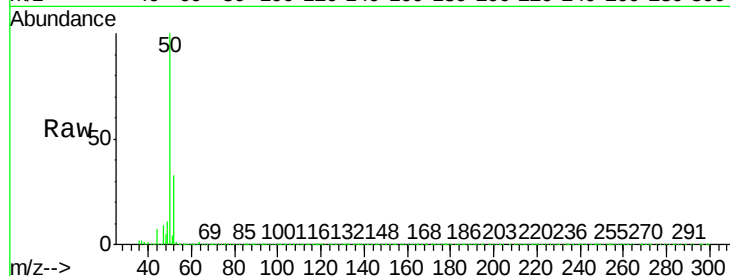
#3
Chloromethane
Concen: 16.830 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.9	25.5	38.3

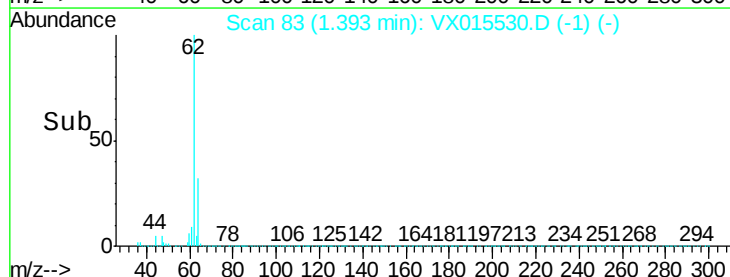
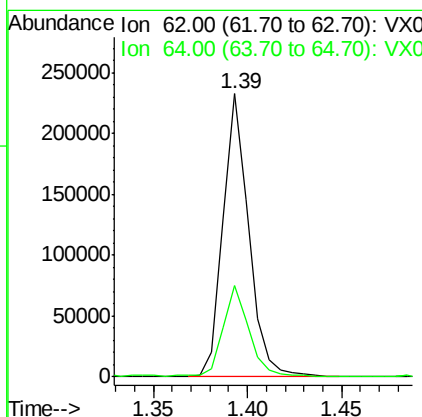
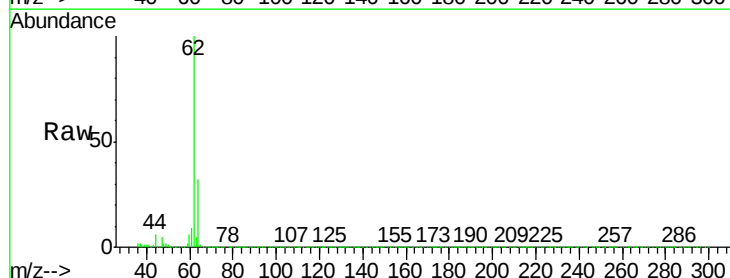
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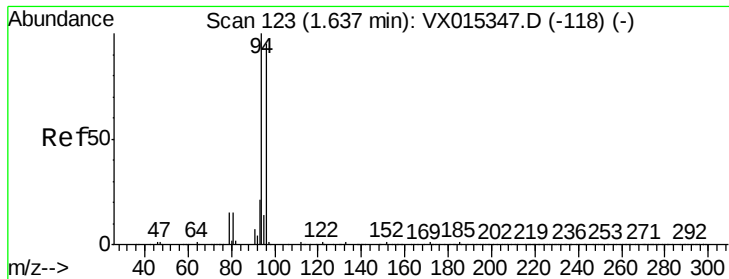
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#4
Vinyl Chloride
Concen: 17.391 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.9	25.4	38.0





#5

Bromomethane

Concen: 22.204 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 94 Resp: 150599

Ion Ratio Lower Upper

94 100

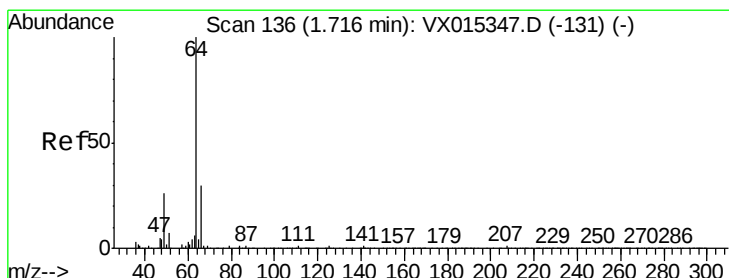
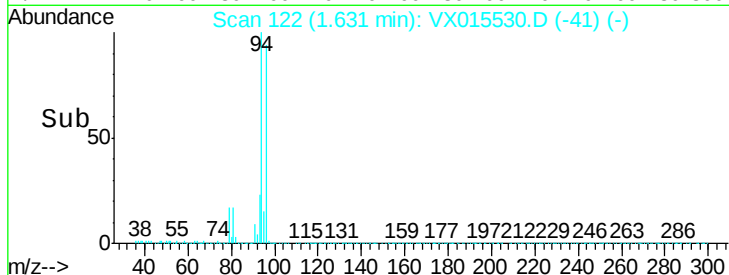
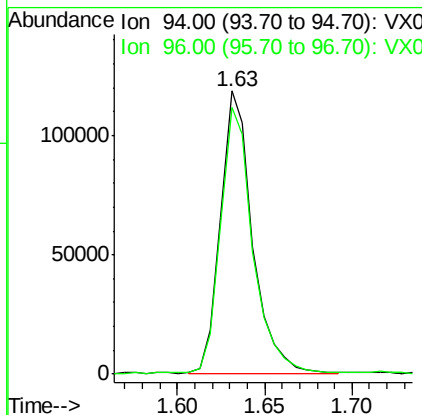
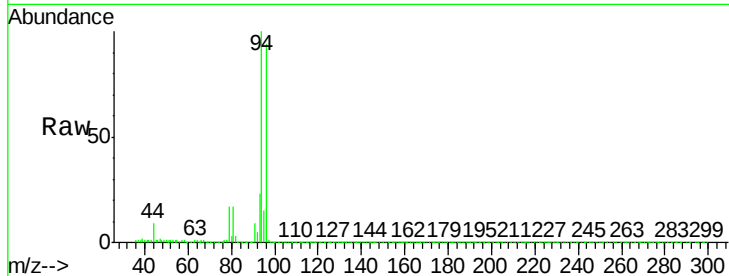
96 94.1 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 17.507 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015530.D

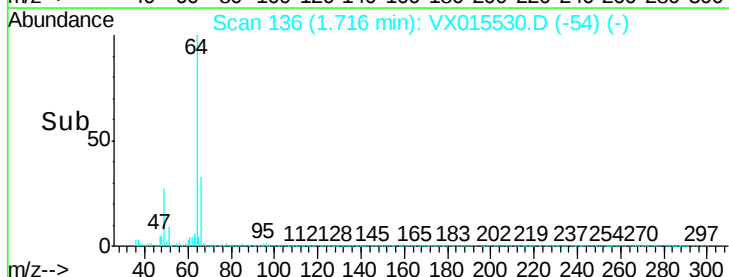
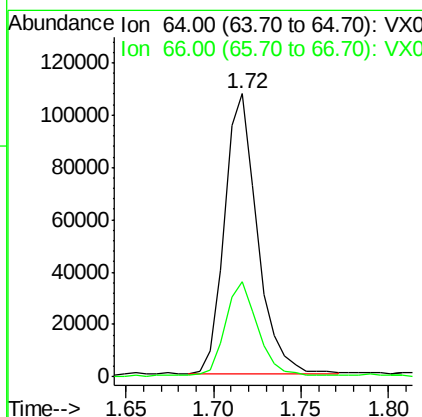
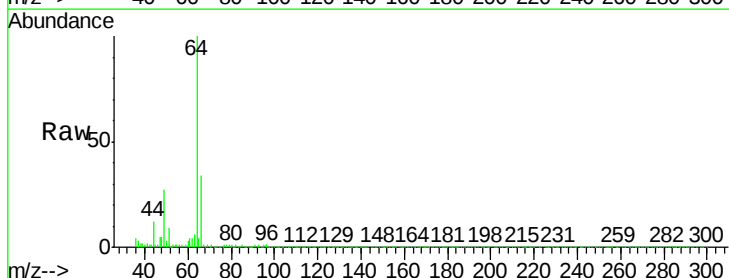
Acq: 07 Apr 2020 11:29

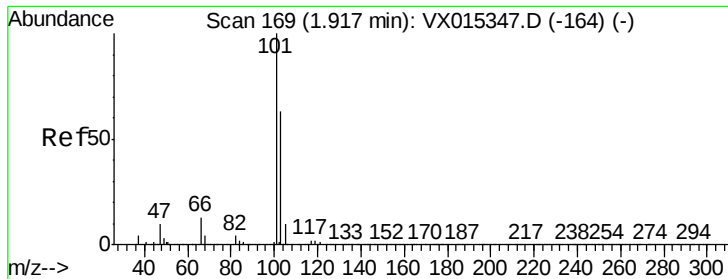
Tgt Ion: 64 Resp: 139155

Ion Ratio Lower Upper

64 100

66 33.4 24.3 36.5





#7

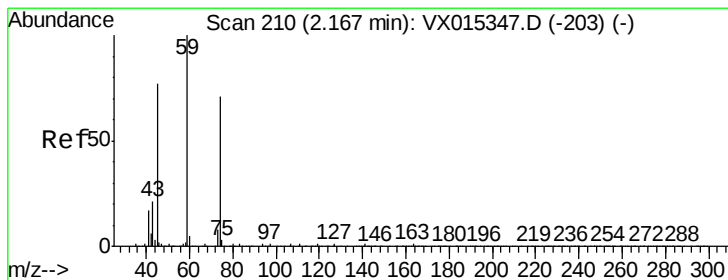
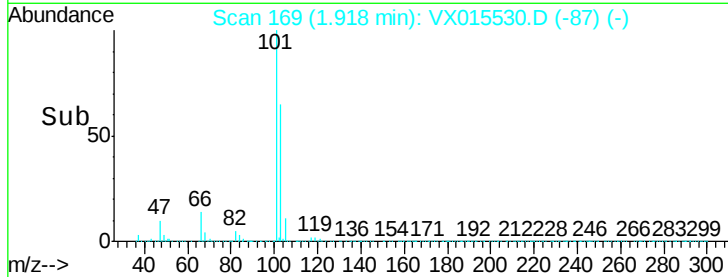
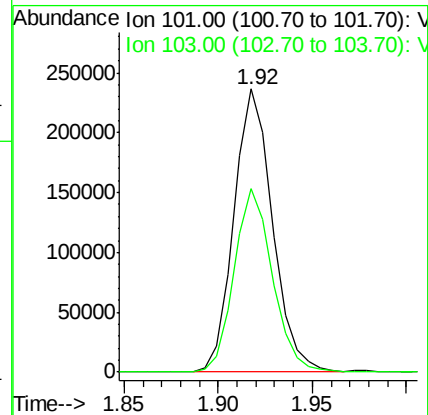
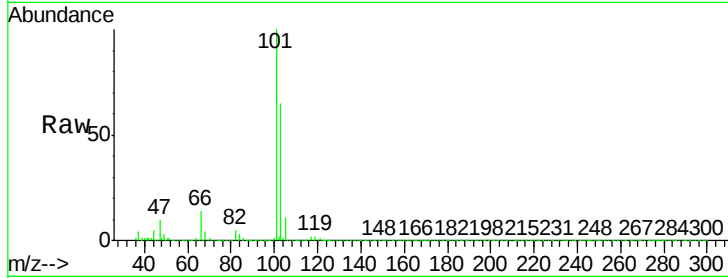
Trichlorofluoromethane
 Concen: 18.309 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	49.9	74.9

Manual Integrations
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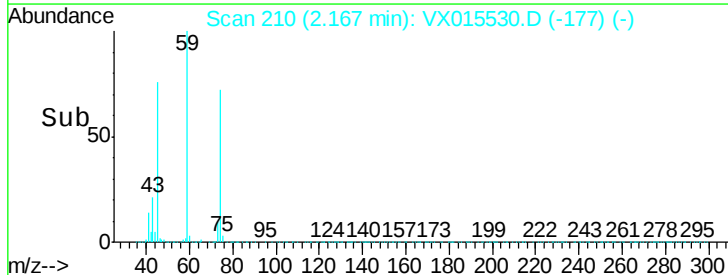
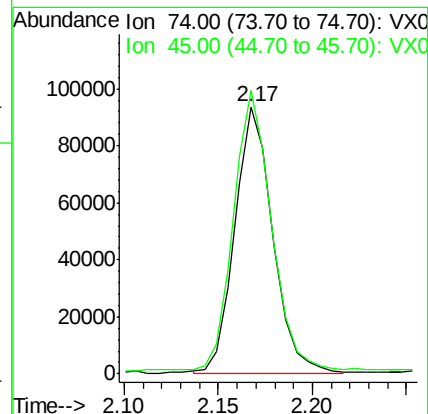
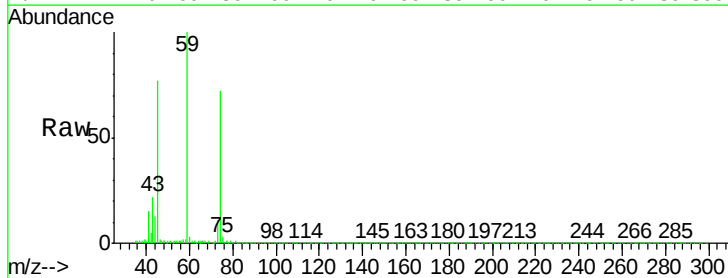
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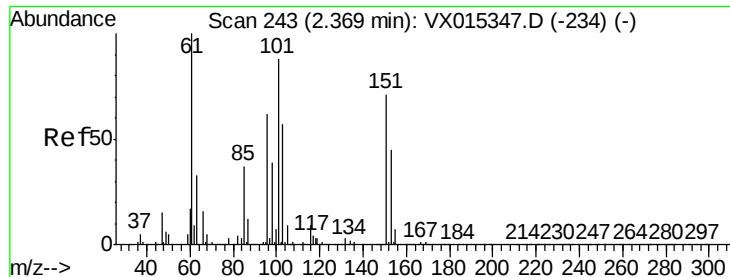


#8

Diethyl Ether
 Concen: 18.530 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.648 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

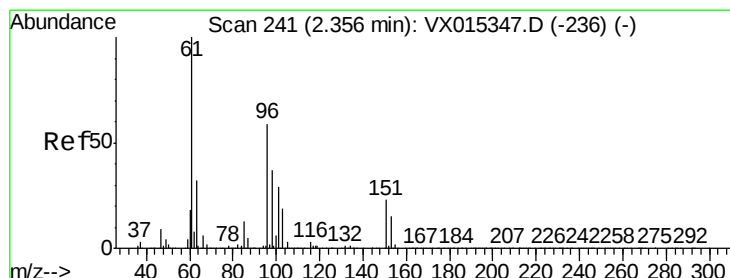
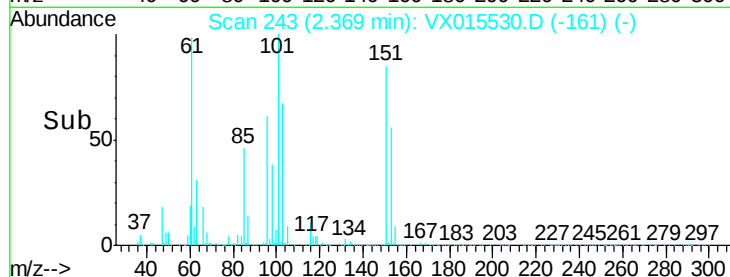
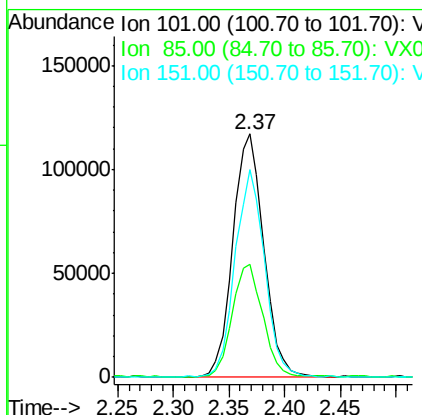
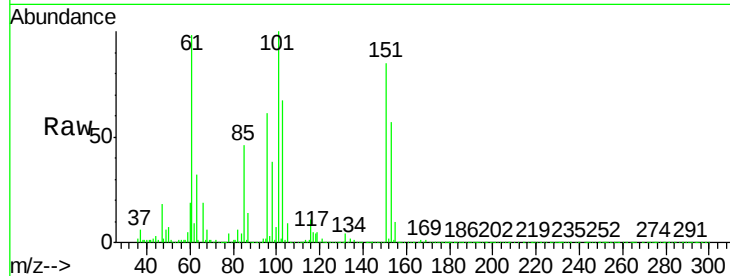
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	224632
Ion Ratio	Lower	Upper	
101	100		
85	45.9	0.0	85.8
151	81.4	0.0	164.6

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4/8/2020 11:12:05 AM



#10

1,1-Dichloroethene

Concen: 17.792 ug/l

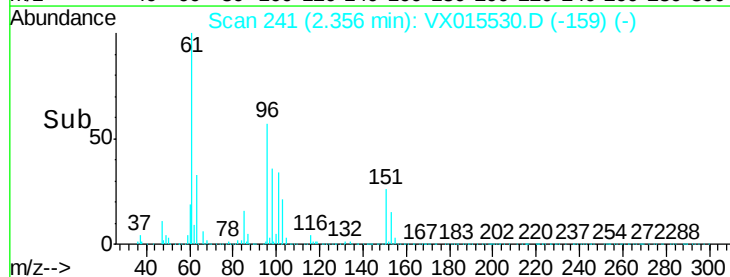
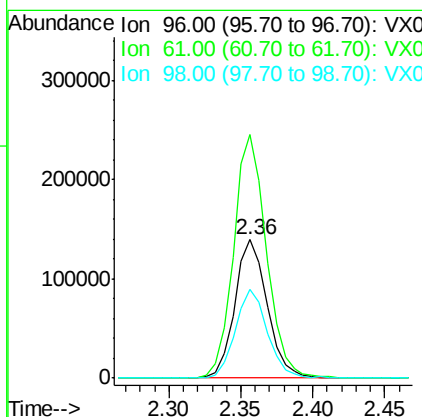
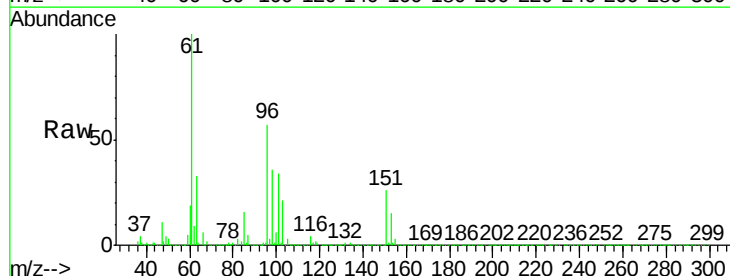
RT: 2.36 min Scan# 241

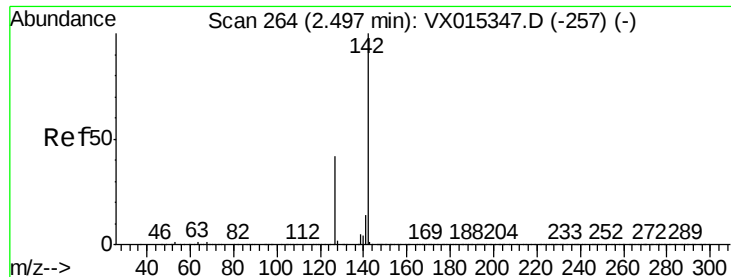
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	96	Resp:	217691
Ion Ratio	Lower	Upper	
96	100		
61	175.9	135.5	203.3
98	63.8	50.2	75.2





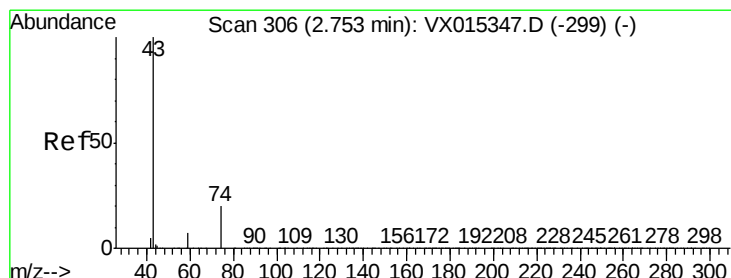
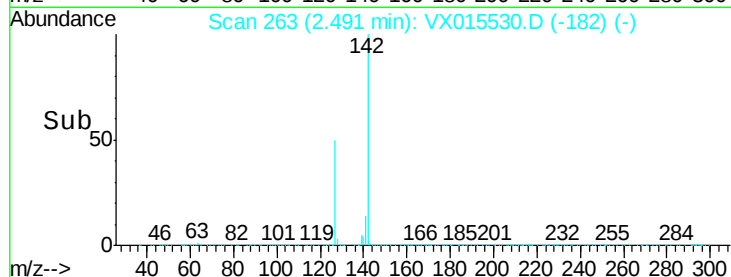
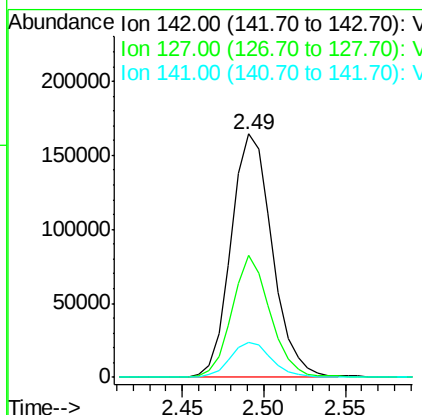
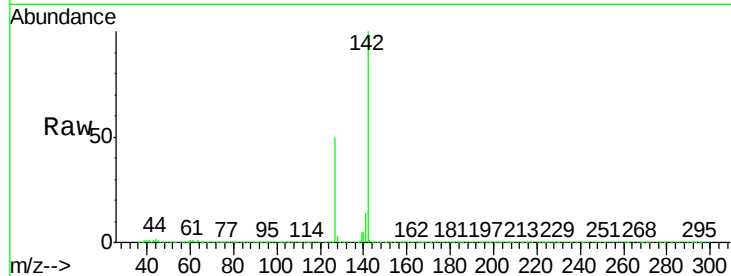
#11
Methvl Iodide
Concen: 17.815 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
142	100				
127	49.8	21.0	63.0		
141	14.2	6.9	20.7		

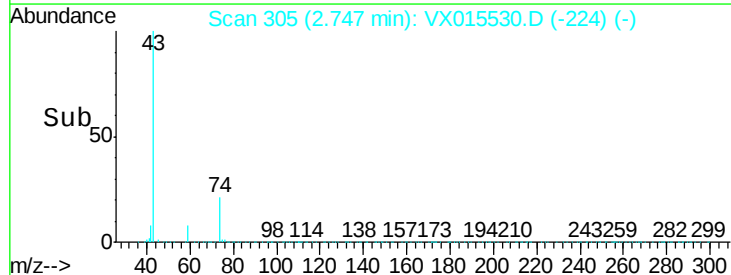
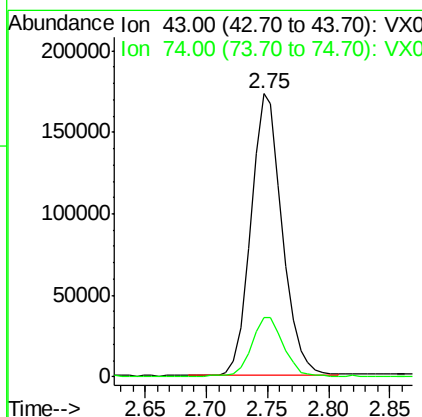
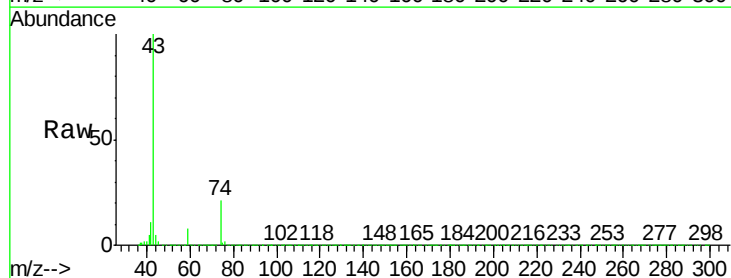
Manual Integrations
APPROVED

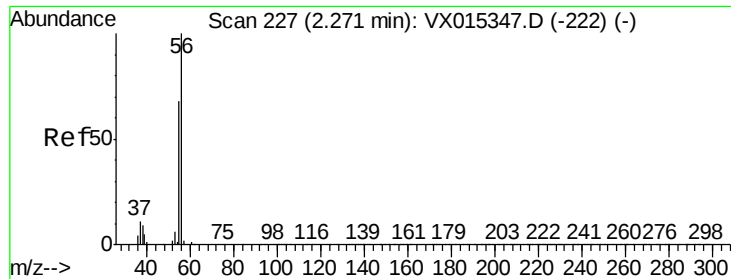
MMDadoda
4/8/2020 11:12:05 AM



#12
Methyl Acetate
Concen: 17.243 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
74	20.7	15.8	23.6		





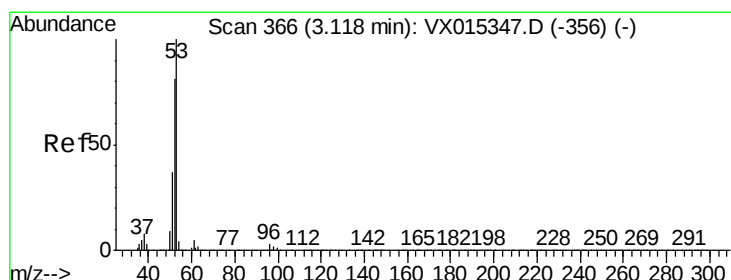
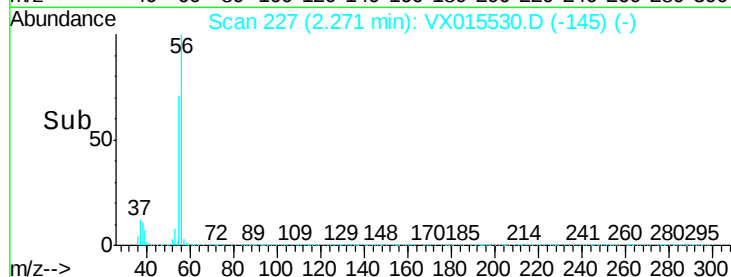
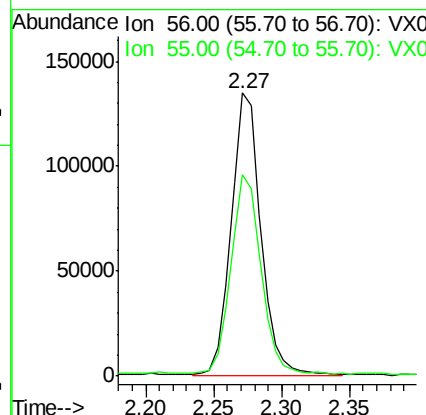
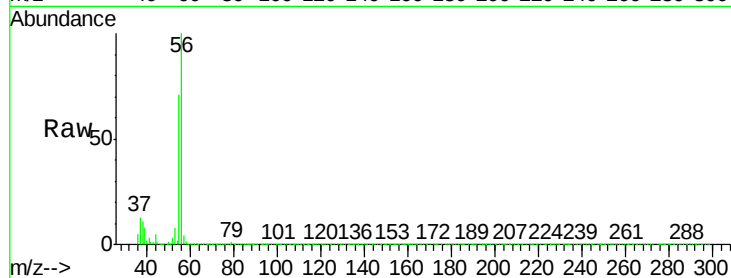
#13
Acrolein
Concen: 87.308 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	71.1	53.5	80.3	

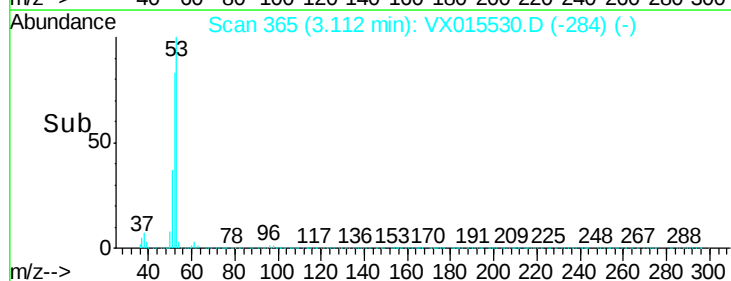
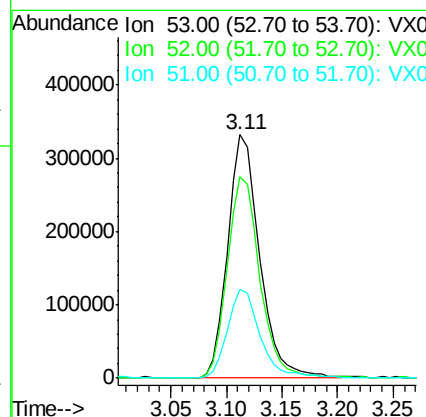
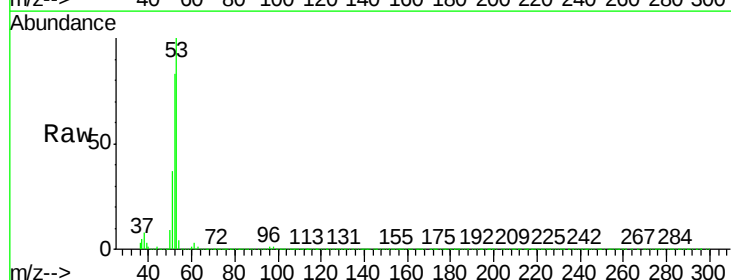
Manual Integrations
APPROVED

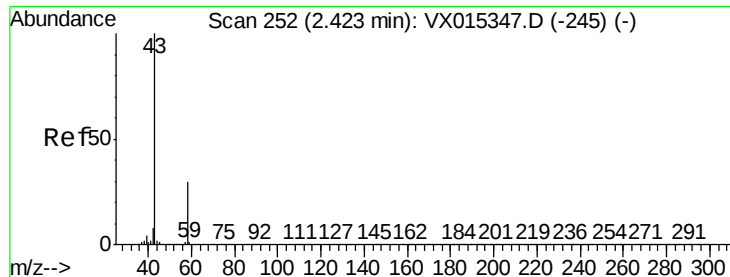
MMDadoda
4/8/2020 11:12:05 AM



#14
Acrylonitrile
Concen: 85.759 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	84.8	41.0	123.2	
51	37.5	18.4	55.4	





#15

Acetone

Concen: 95.366 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tot Ion: 58 Resp: 185875

Ion Ratio Lower Upper

58 100

43 364.3 267.8 401.8

Instrument :

MSVOA_X

ClientSampleId :

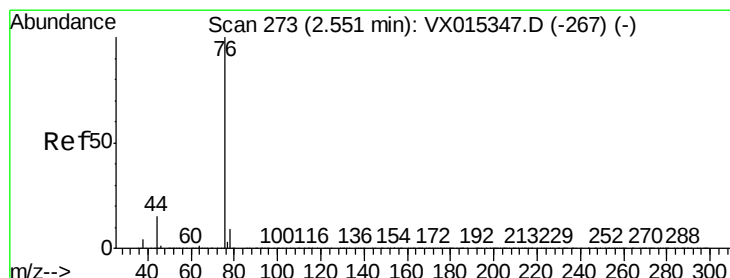
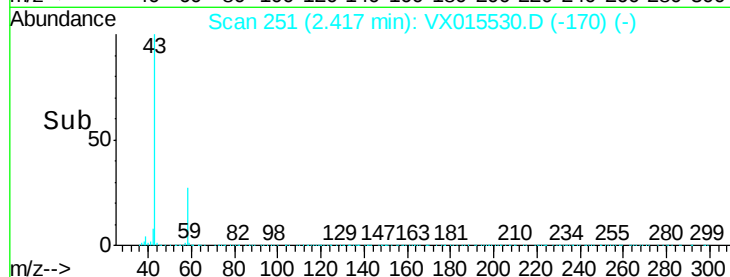
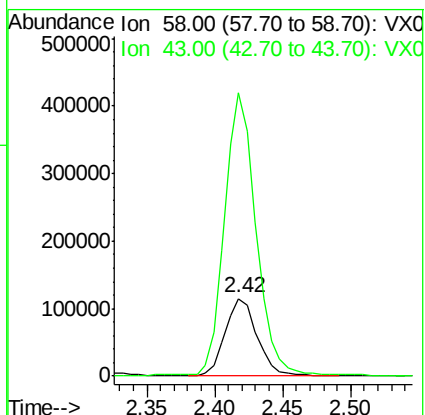
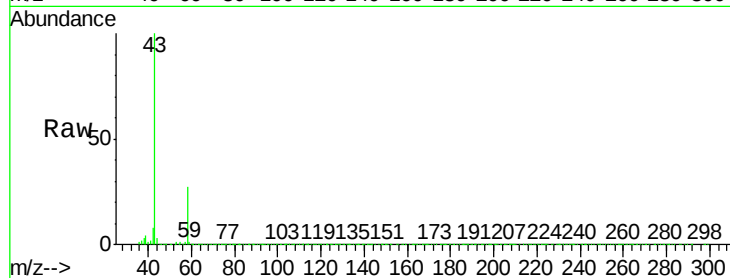
VSTDCCC020

Manual Integrations

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MMDadoda

4/8/2020 11:12:05 AM



#16

Carbon Disulfide

Concen: 17.742 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015530.D

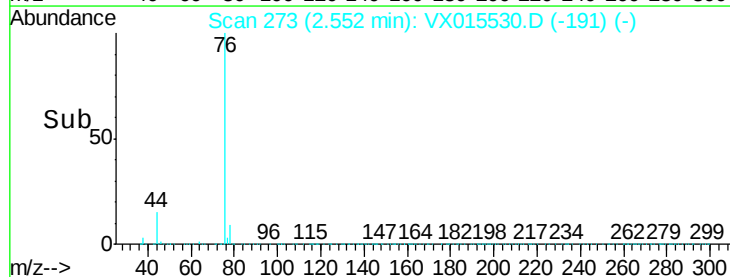
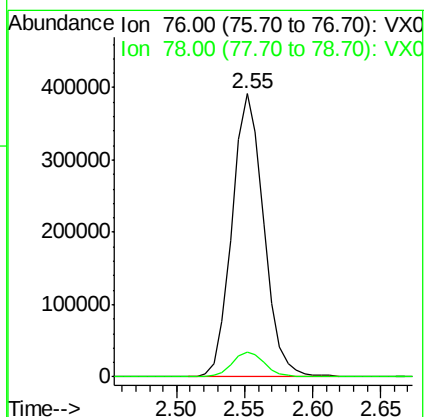
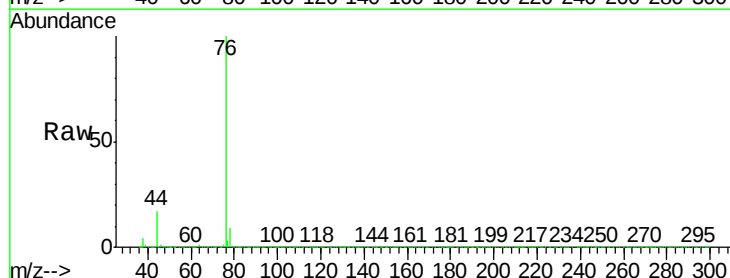
Acq: 07 Apr 2020 11:29

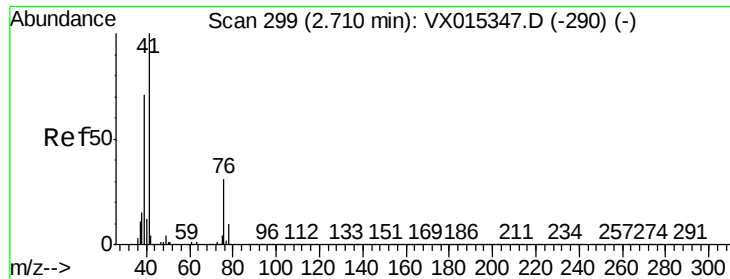
Tgt Ion: 76 Resp: 634605

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2





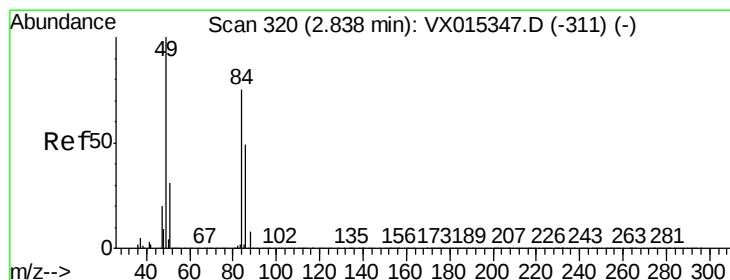
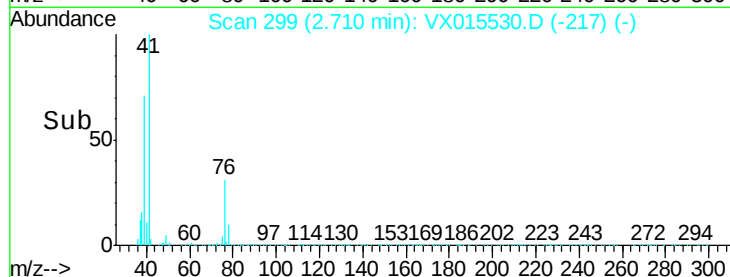
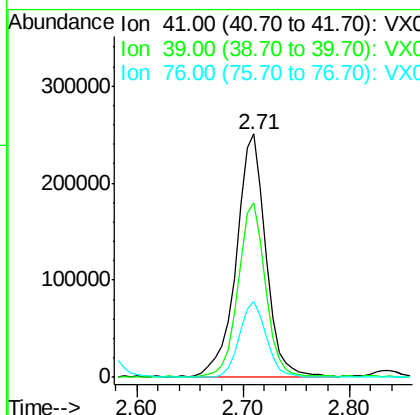
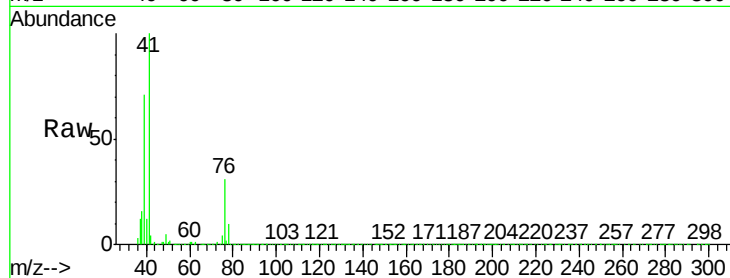
#17
Allvl chloride
Concen: 17.492 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
39	71.3	35.6	106.8	
76	31.1	15.4	46.4	

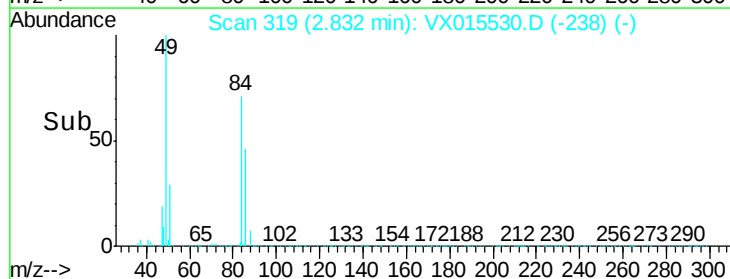
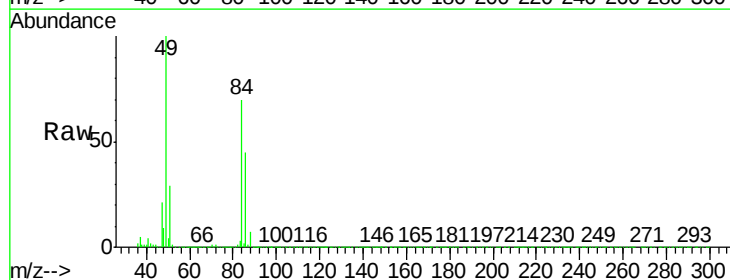
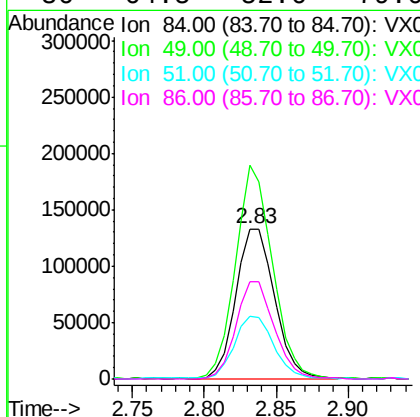
Manual Integrations
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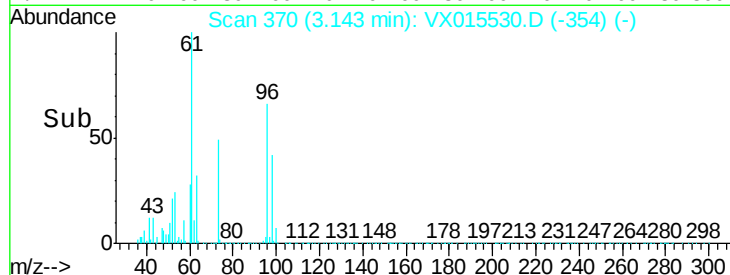
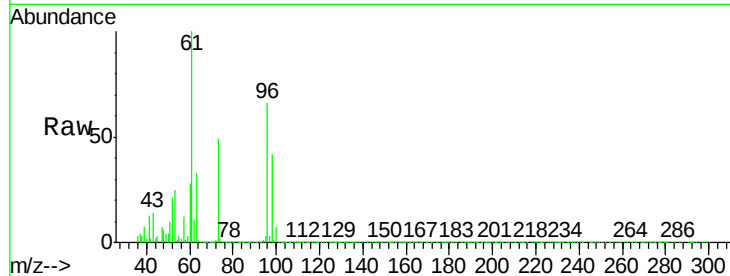
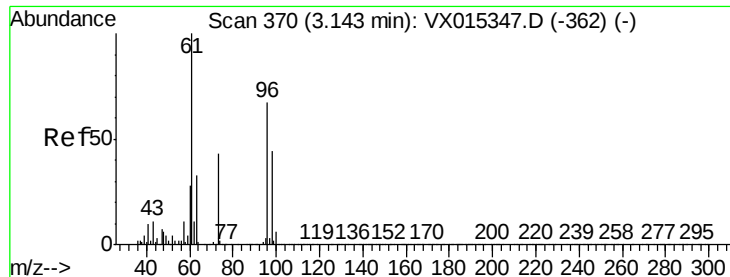
MMDadoda
4/8/2020 11:12:05 AM



#18
Methylene Chloride
Concen: 18.118 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
84	100			
49	142.2	107.0	160.4	
51	41.3	33.4	50.0	
86	64.5	52.6	79.0	





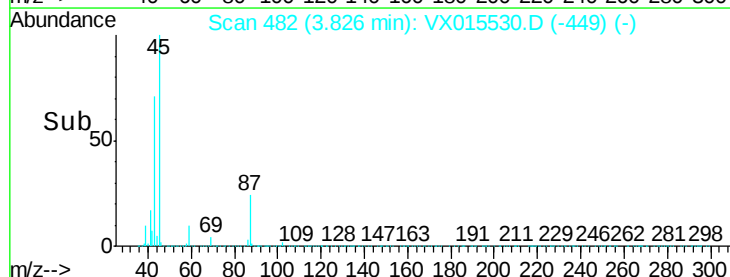
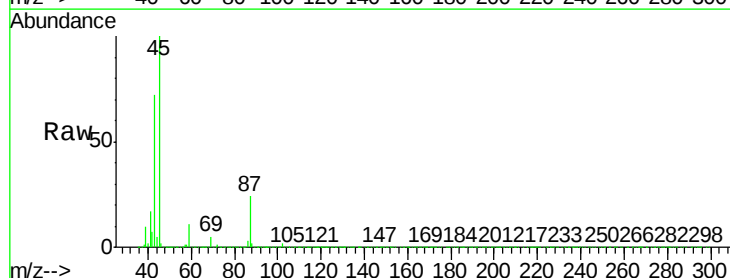
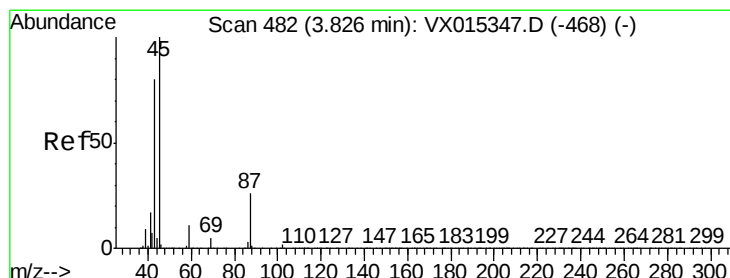
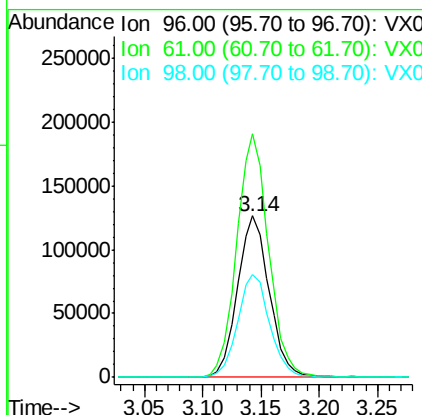
#19
trans-1,2-Dichloroethene
Concen: 18.090 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.8	118.2	177.2
98	63.6	51.9	77.9

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

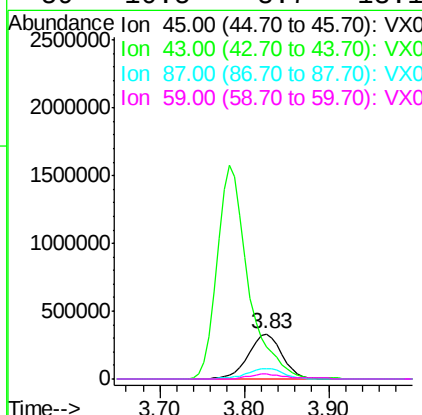
Manual Integrations
APPROVED

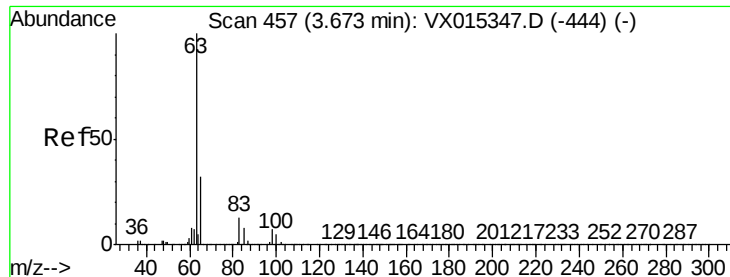
MMDadoda
4/8/2020 11:12:05 AM



#20
Diisopropyl ether
Concen: 18.268 ug/l
RT: 3.83 min Scan# 482
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.0	64.4	96.6
87	24.0	20.4	30.6
59	10.5	8.7	13.1





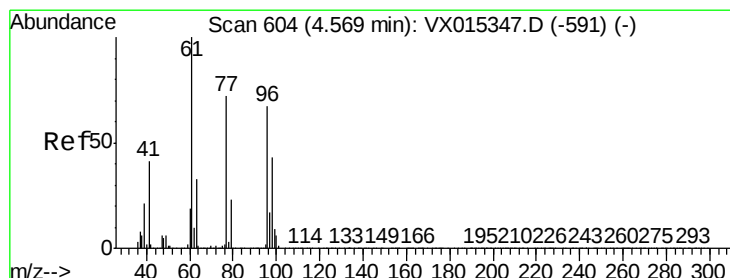
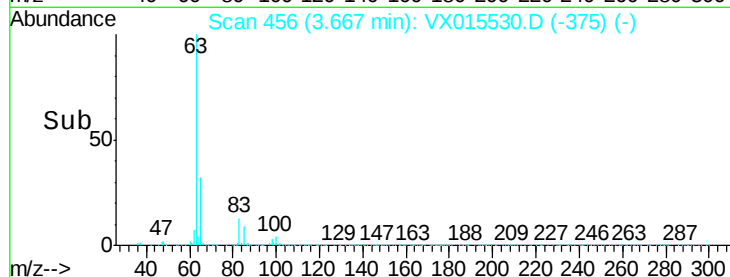
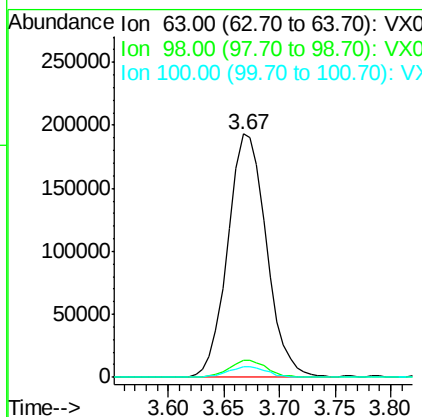
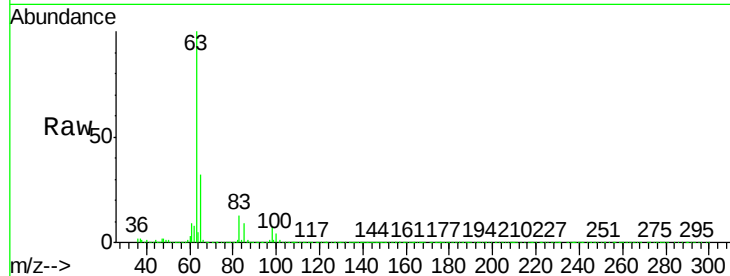
#21
1,1-Dichloroethane
Concen: 18.309 ug/l
RT: 3.67 min Scan# 456
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	463052		
98	7.2	3.3	9.9	
100	4.3	2.3	6.8	

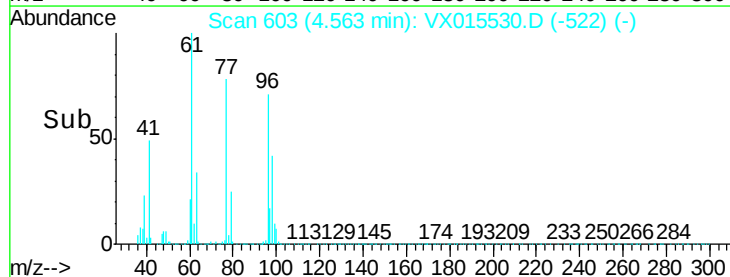
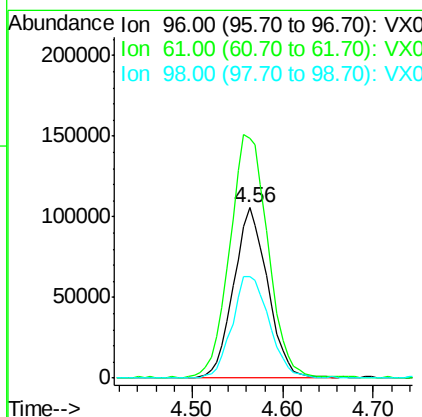
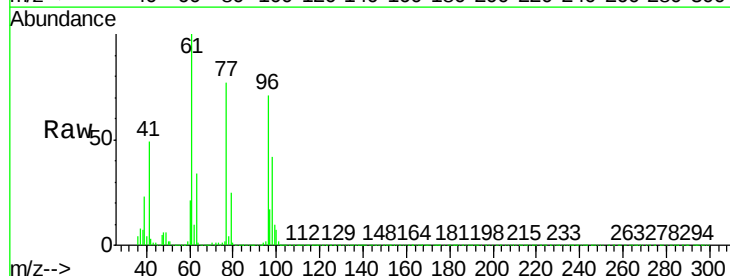
Manual Integrations
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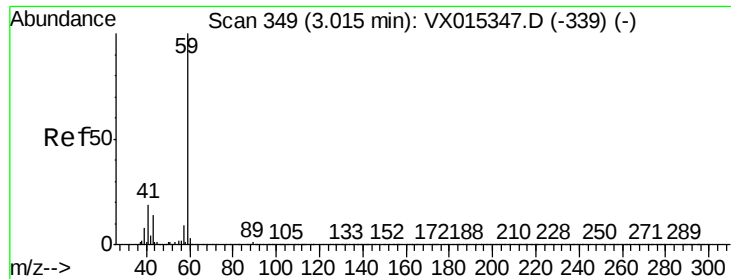
MMDadoda
4/8/2020 11:12:05 AM



#22
cis-1,2-Dichloroethene
Concen: 18.156 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	276841		
61	159.2	127.2	190.8	
98	64.6	51.8	77.6	





#23

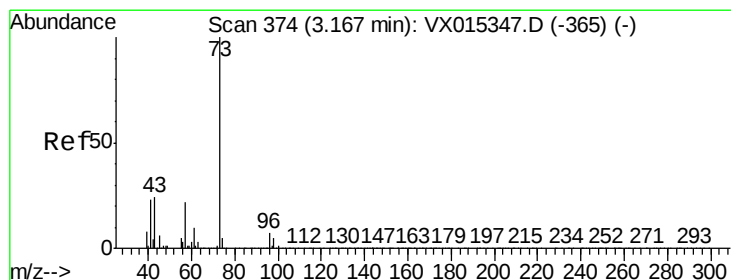
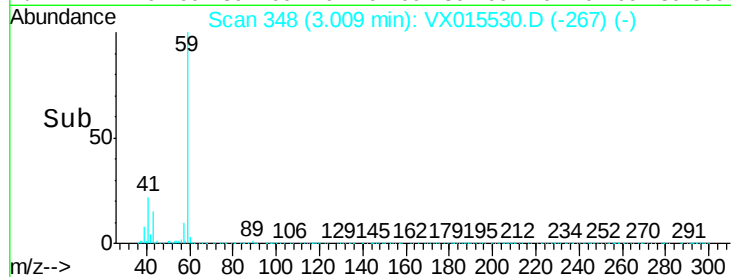
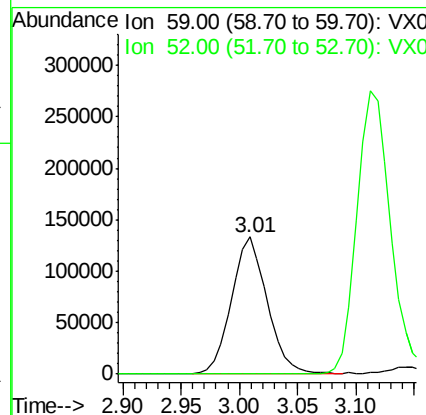
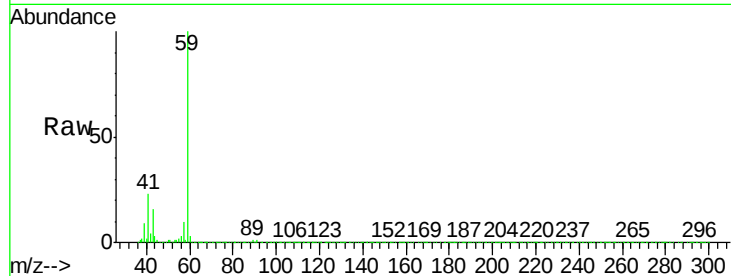
tert-Butyl Alcohol
 Concen: 74.812 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 59 Resp: 282063
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.2 0.2#

Manual Integrations
 APPROVED

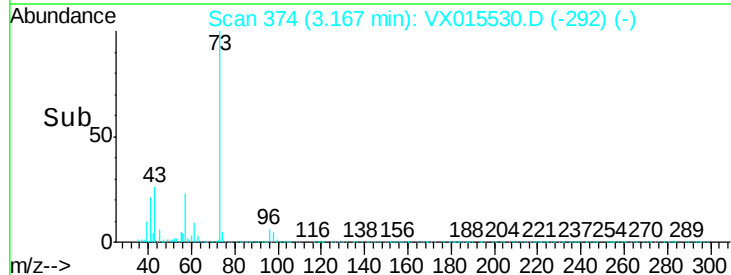
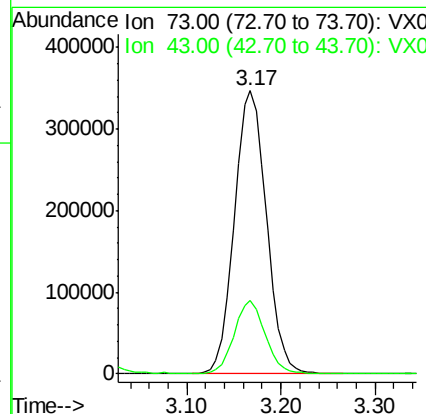
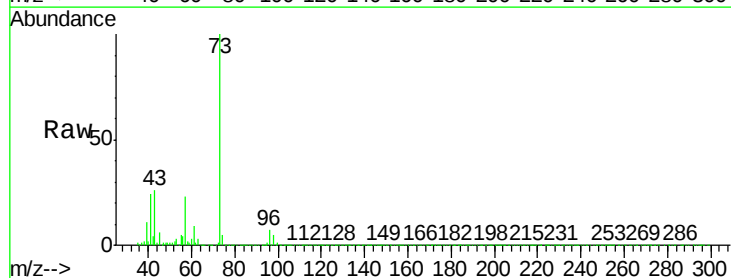
MMDadoda
 4/8/2020 11:12:05 AM

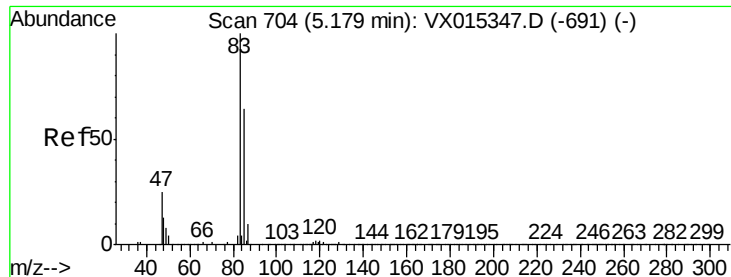


#24

Methyl tert-Butyl Ether
 Concen: 18.082 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Tgt Ion: 73 Resp: 821429
 Ion Ratio Lower Upper
 73 100
 43 24.6 19.2 28.8





#25

Chloroform

Concen: 18.043 ug/l

RT: 5.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 451077

Ion Ratio Lower Upper

83 100

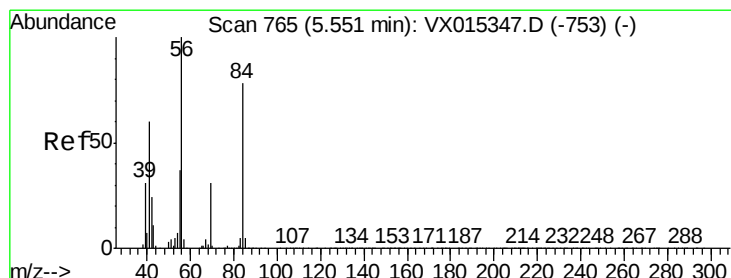
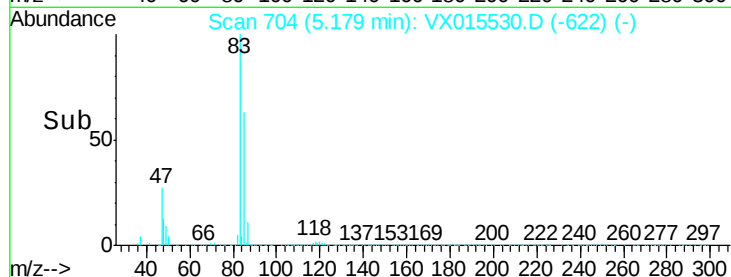
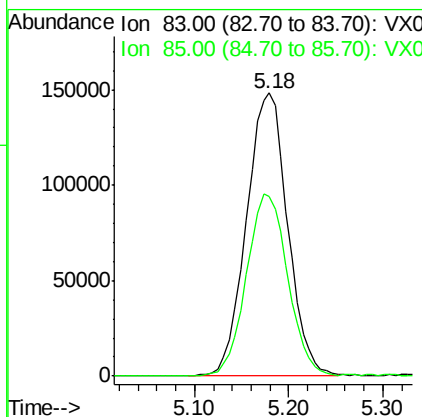
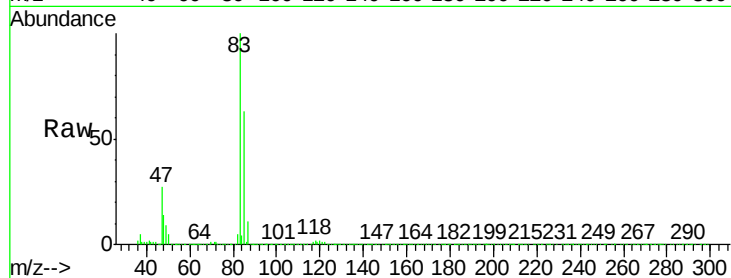
85 63.3 50.5 75.7

Manual Integrations

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MMDadoda

4/8/2020 11:12:05 AM



#26

Cyclohexane

Concen: 18.048 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

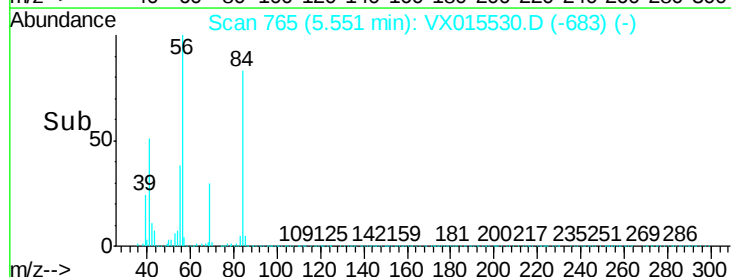
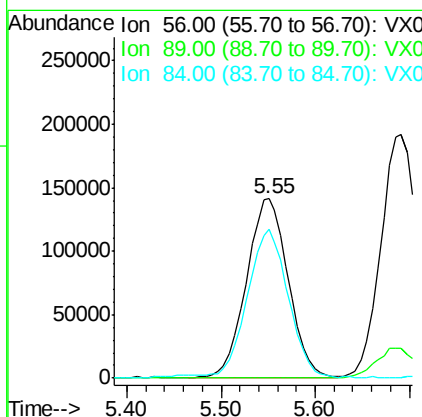
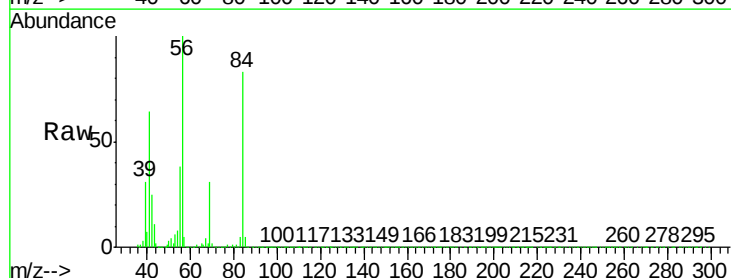
Tgt Ion: 56 Resp: 436125

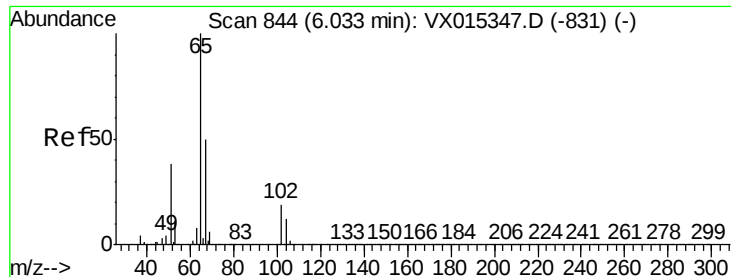
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 81.8 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 31.739 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 557322

Ion Ratio Lower Upper

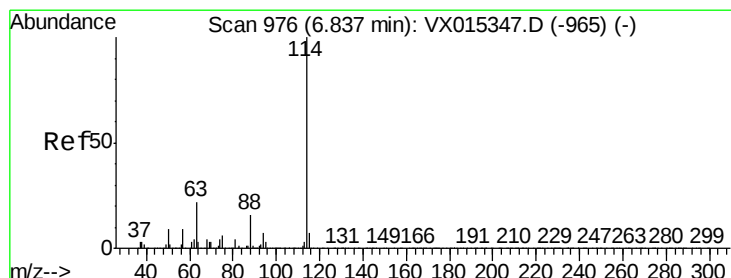
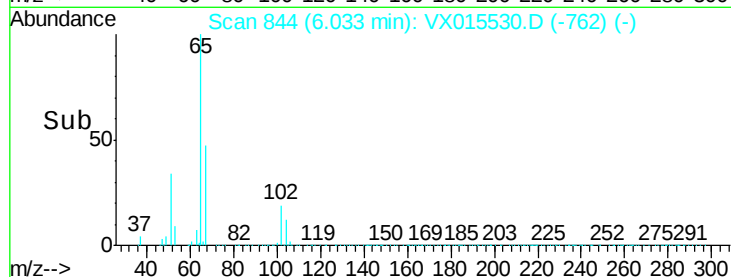
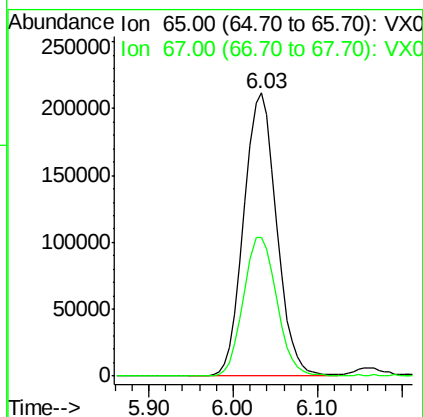
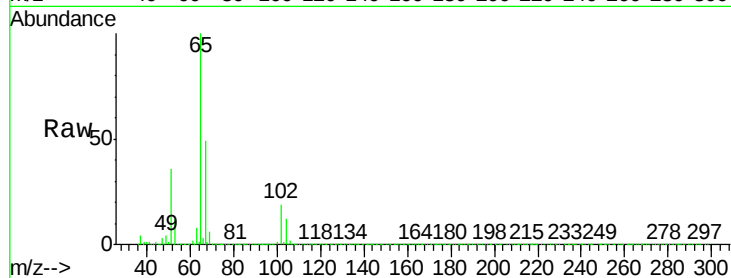
65 100

67 49.7 40.9 61.3

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4/8/2020 11:12:05 AM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

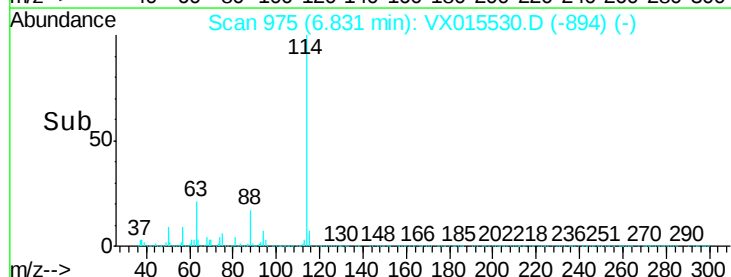
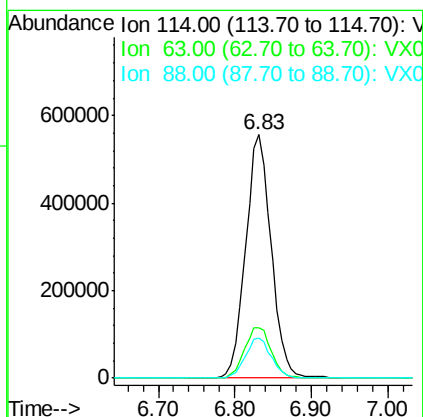
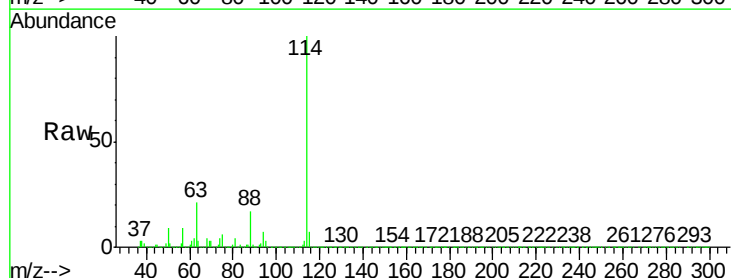
Tgt Ion: 114 Resp: 1287622

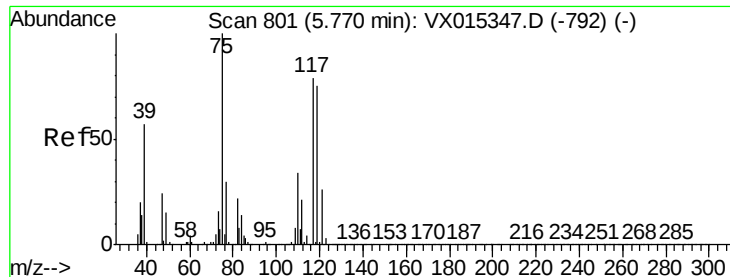
Ion Ratio Lower Upper

114 100

63 21.7 17.4 26.2

88 16.7 12.9 19.3





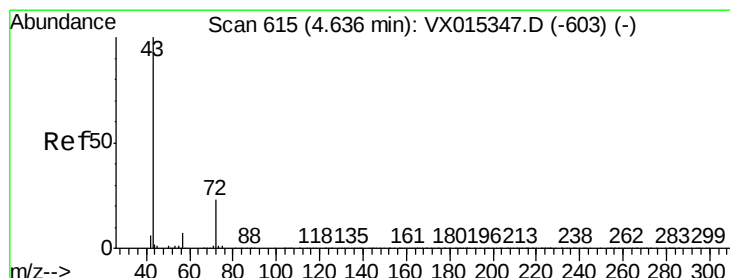
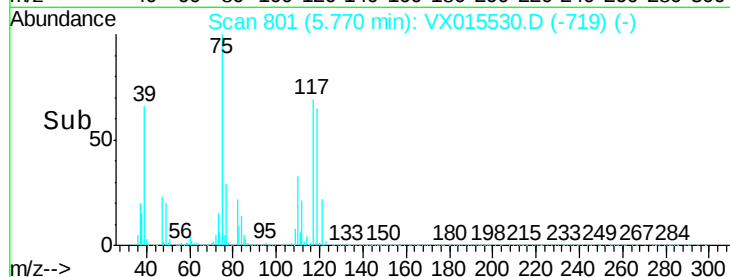
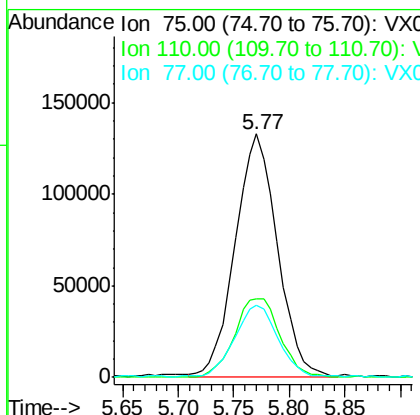
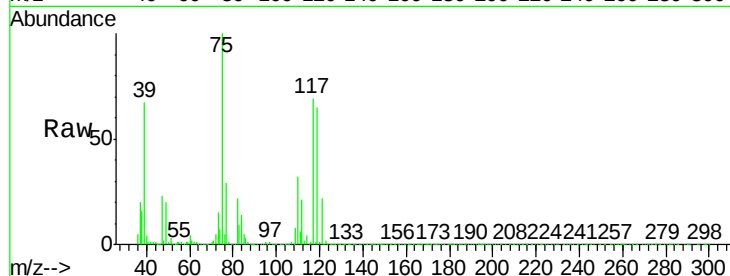
#29
 1,1-Dichloropropene
 Concen: 17.994 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	75	Resp:	348088
Ion Ratio	Lower	Upper	
75	100		
110	34.9	0.0	71.2
77	30.1	0.0	62.2

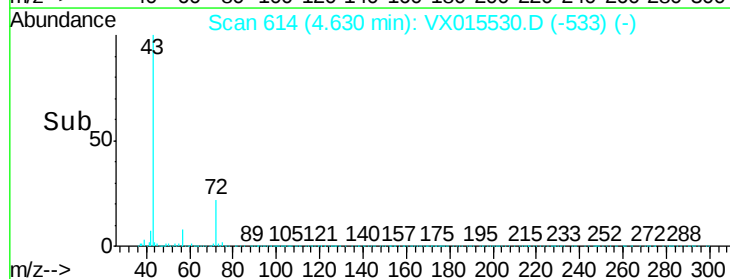
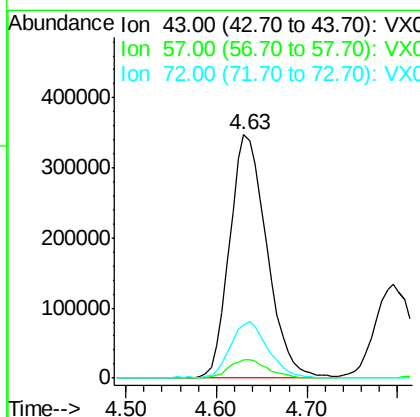
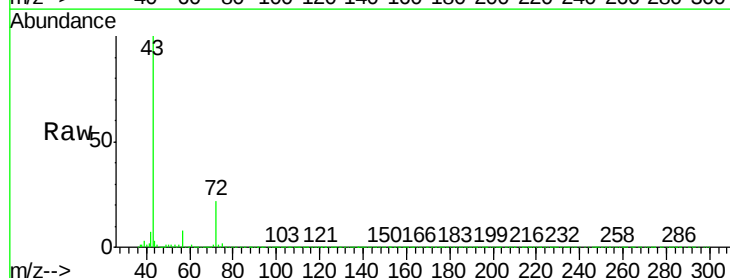
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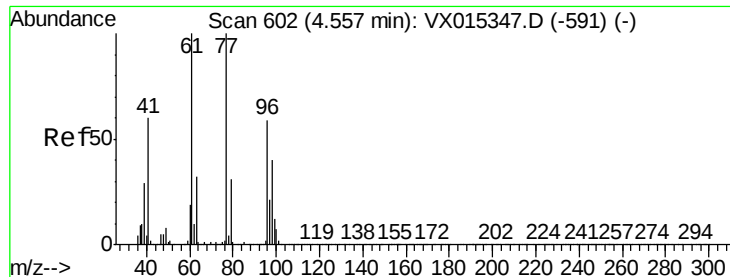
MMDadoda
 4/8/2020 11:12:05 AM



#30
 2-Butanone
 Concen: 84.778 ug/l
 RT: 4.63 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Tgt Ion:	43	Resp:	983156
Ion Ratio	Lower	Upper	
43	100		
57	7.5	5.9	8.9
72	22.7	18.6	27.8





#31

2,2-Dichloropropane

Concen: 18.458 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 429702

Ion Ratio Lower Upper

77 100

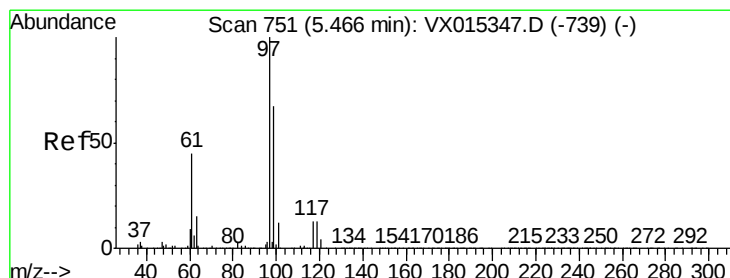
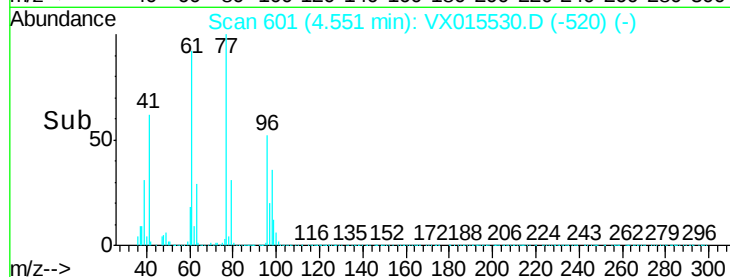
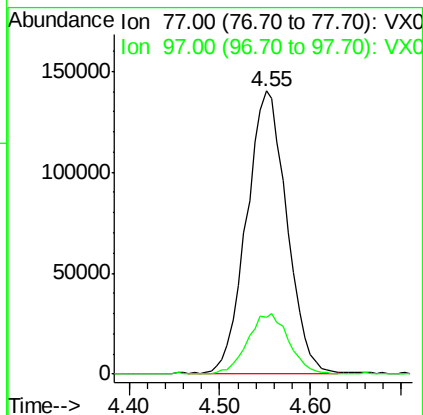
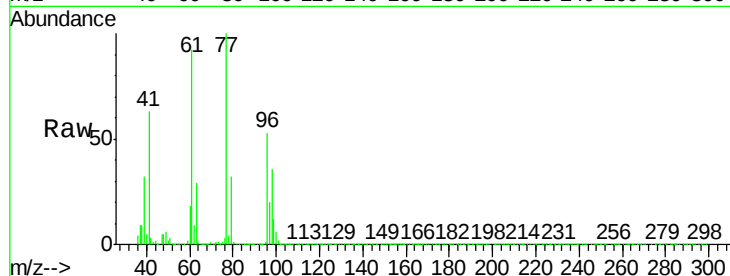
97 21.5 17.8 26.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 17.654 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

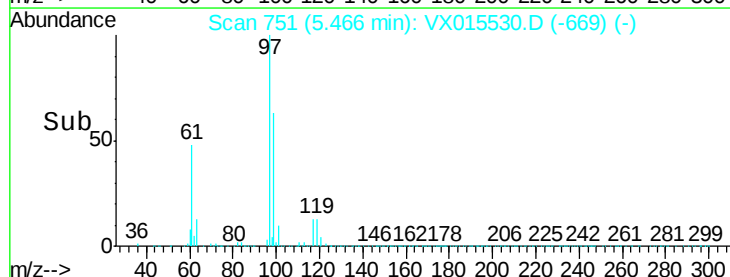
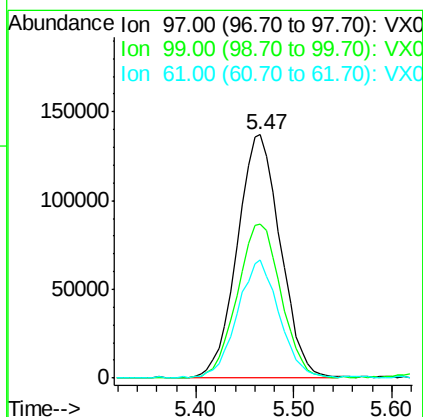
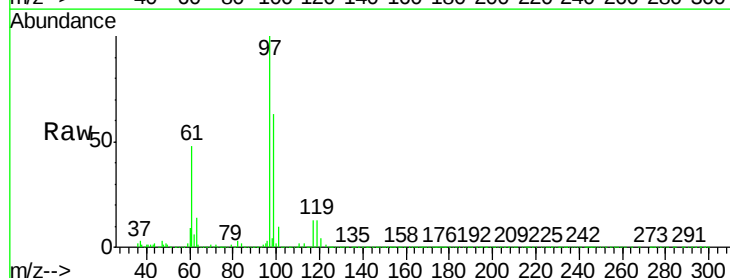
Tgt Ion: 97 Resp: 416696

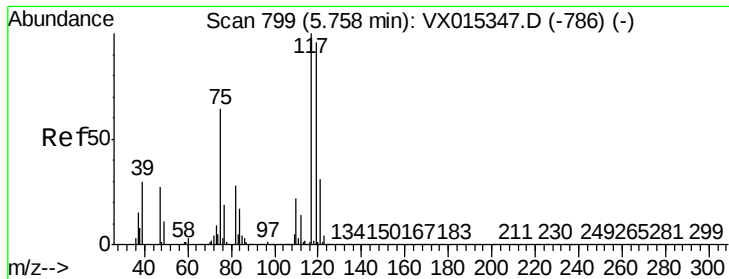
Ion Ratio Lower Upper

97 100

99 64.9 51.0 76.4

61 46.5 35.8 53.8





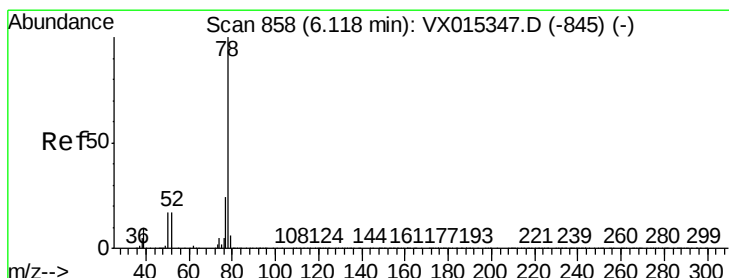
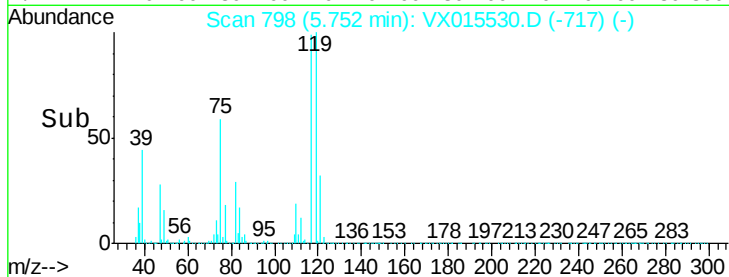
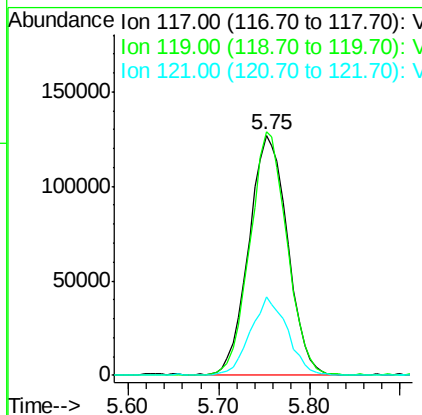
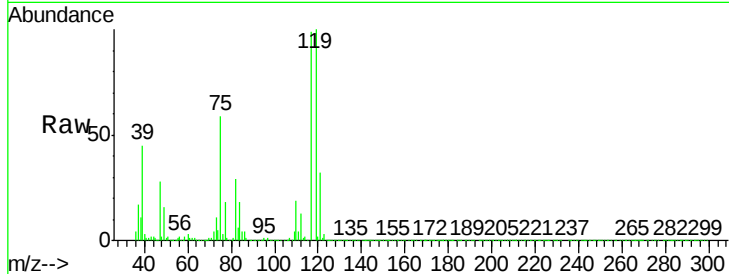
#33
Carbon Tetrachloride
Concen: 17.450 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	101.3	76.6	114.8
121	32.7	25.0	37.4

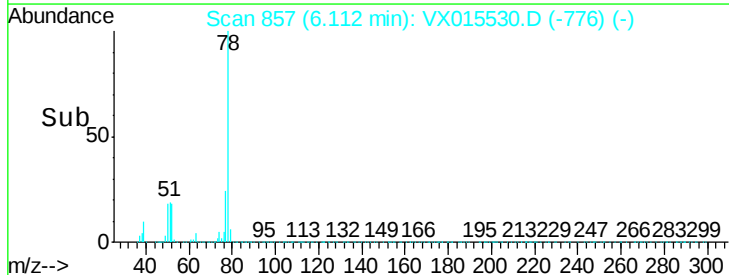
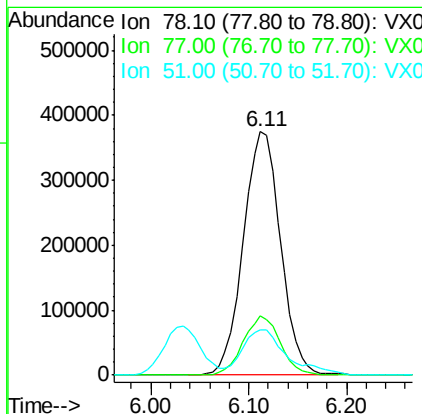
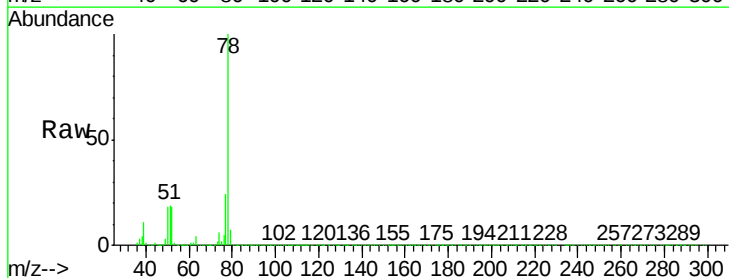
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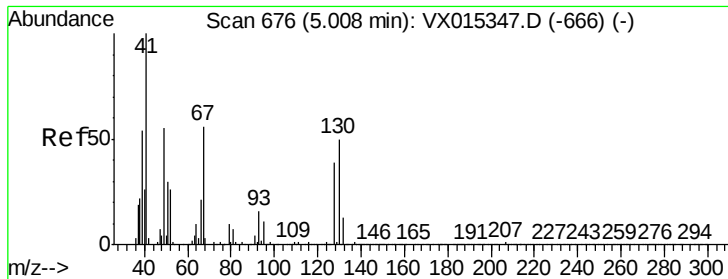
MMDadoda
4/8/2020 11:12:05 AM



#34
Benzene
Concen: 17.786 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.4	29.2
51	17.7	14.6	21.8





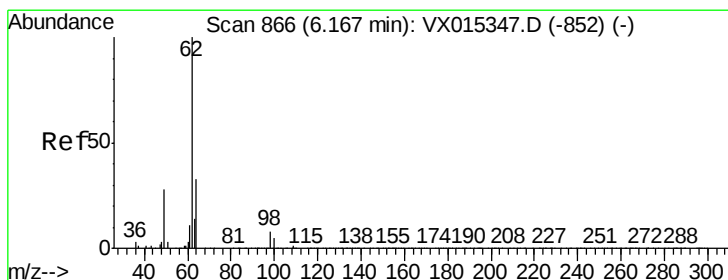
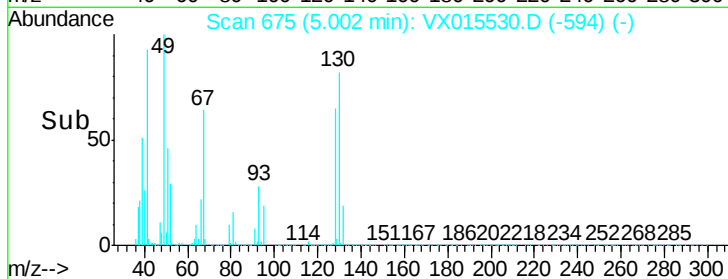
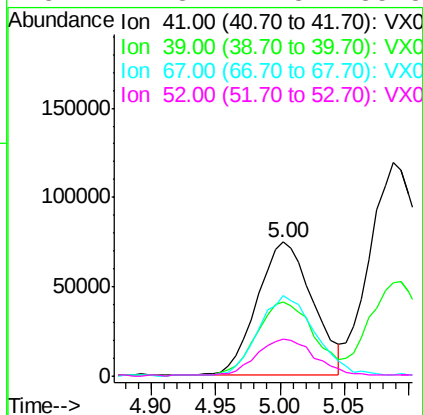
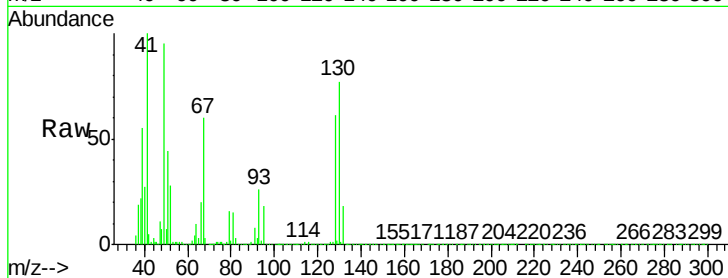
#35
Methacrylonitrile
Concen: 16.831 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		221336		
39	54.7	27.0	81.0		
67	60.2	28.2	84.6		
52	27.3	12.8	38.3		

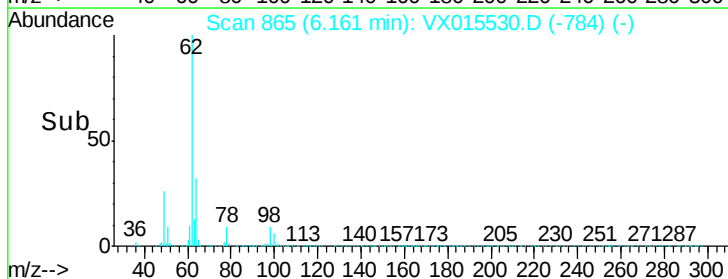
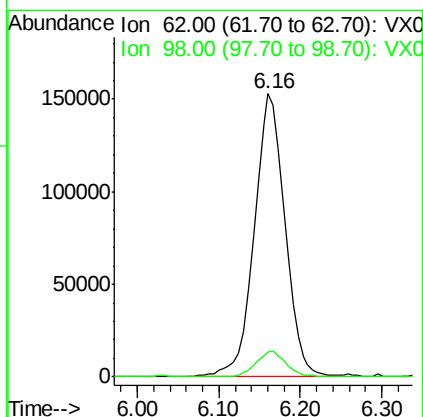
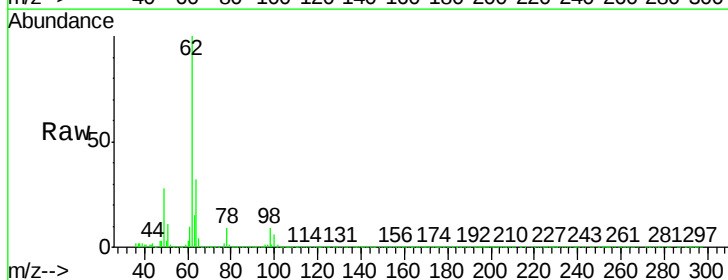
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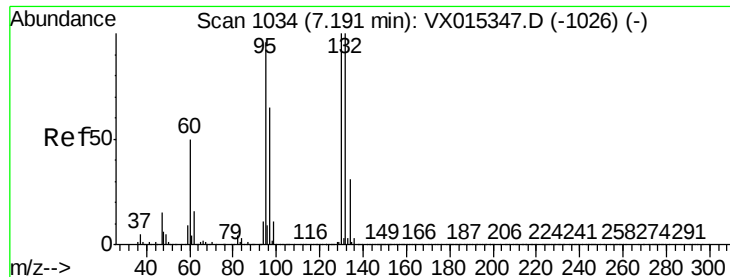
MMDadoda
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#36
1,2-Dichloroethane
Concen: 18.597 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		400660		
98	9.0	6.9	10.3		





#37

Trichloroethene

Concen: 17.640 ug/l

RT: 7.18 min Scan# 1033

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion:130 Resp: 276926

Ion Ratio Lower Upper

130 100

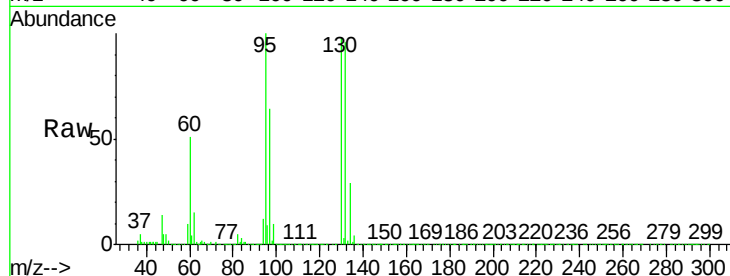
95 101.5 76.4 114.6

Manual Integrations

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

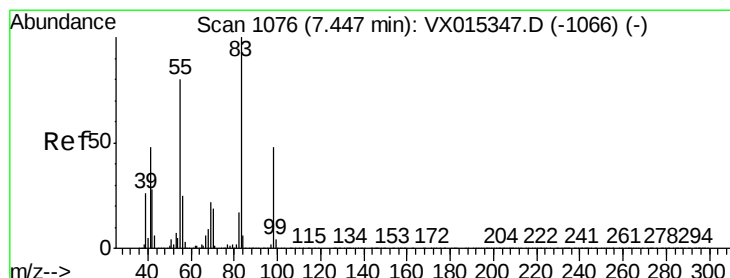
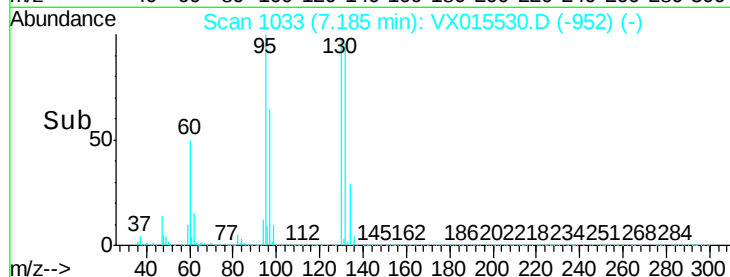
150000

100000

50000

0

Time-->



#38

Methylcyclohexane

Concen: 18.087 ug/l

RT: 7.44 min Scan# 1075

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

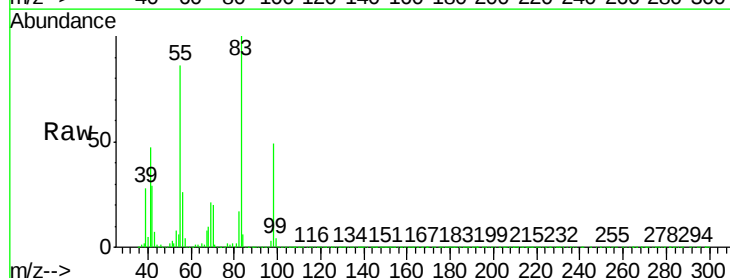
Tgt Ion: 83 Resp: 428934

Ion Ratio Lower Upper

83 100

55 84.9 41.3 124.1

98 49.0 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.44

250000

200000

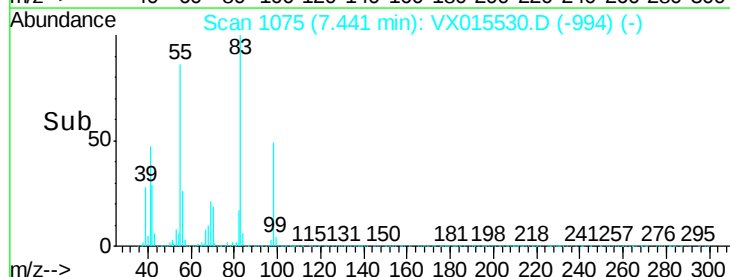
150000

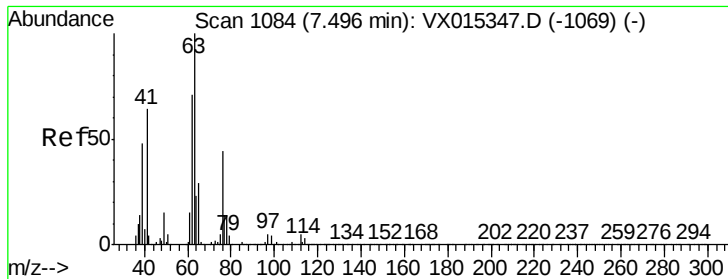
100000

50000

0

Time-->





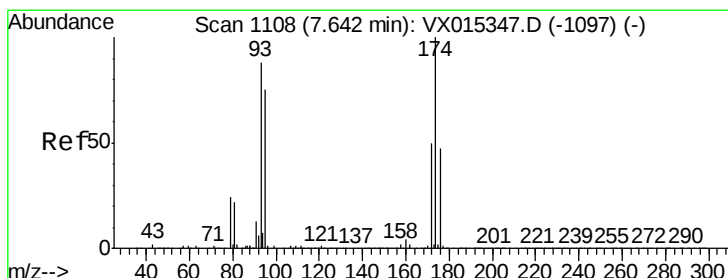
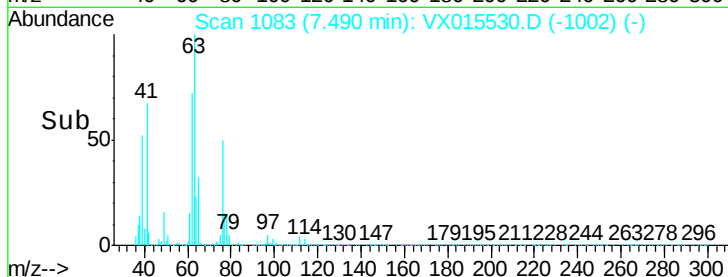
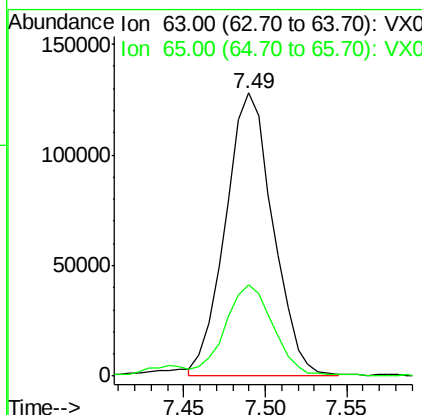
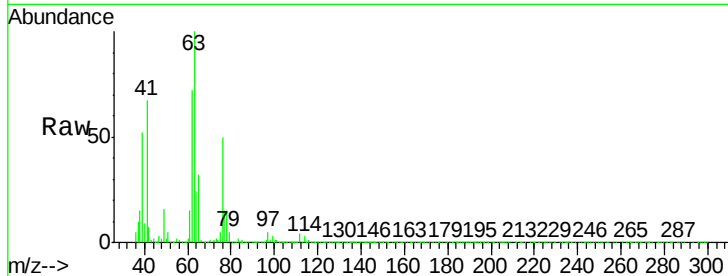
#39
 1,2-Dichloropropane
 Concen: 17.355 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.0	34.4

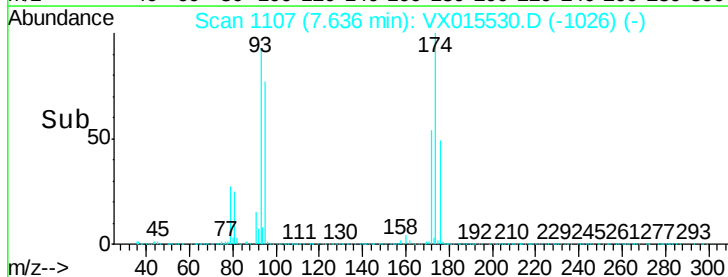
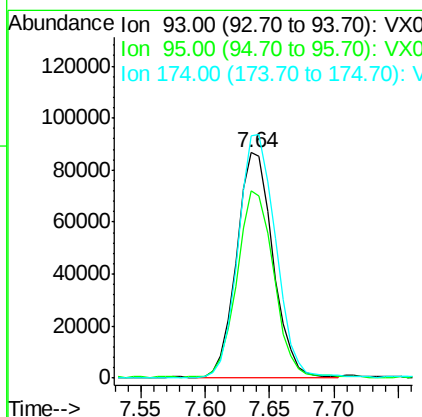
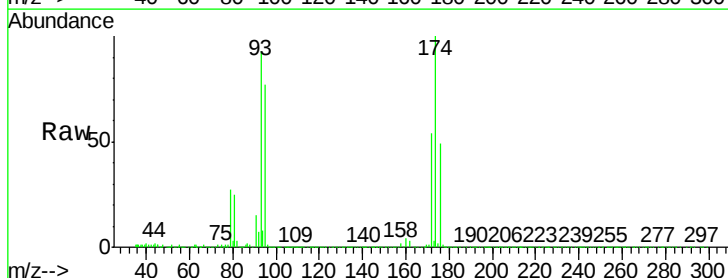
Manual Integrations
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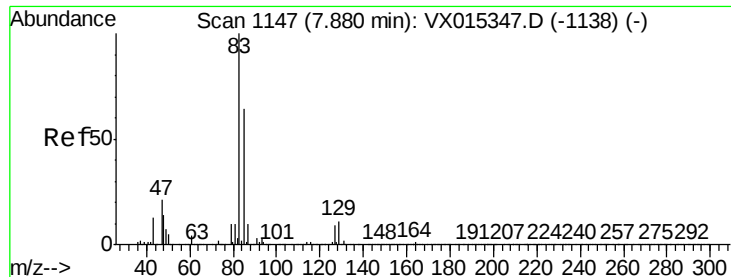
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#40
 Dibromomethane
 Concen: 16.968 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.6	0.0	166.4
174	111.5	0.0	225.4





#41

Bromodichloromethane

Concen: 17.417 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

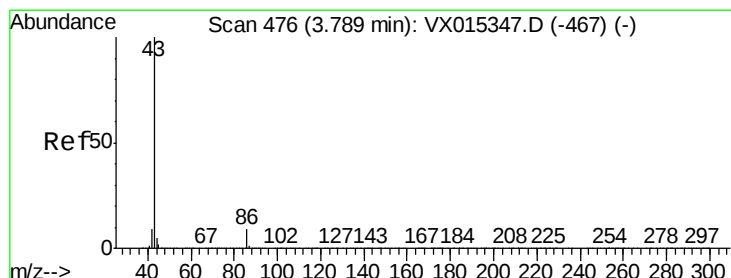
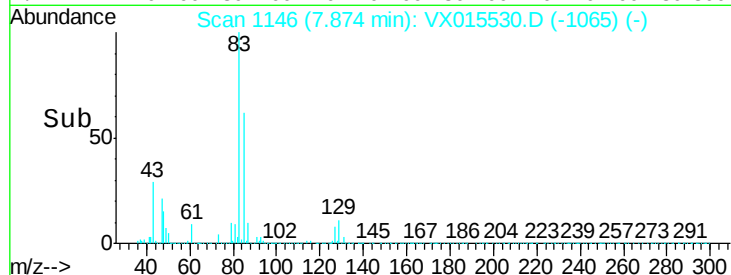
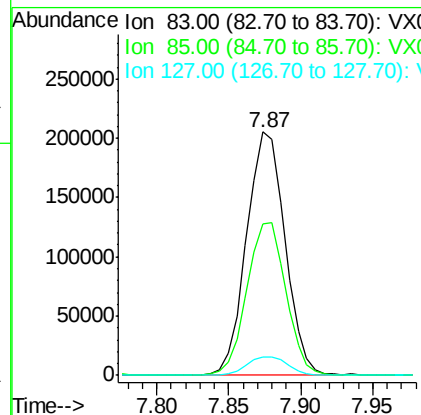
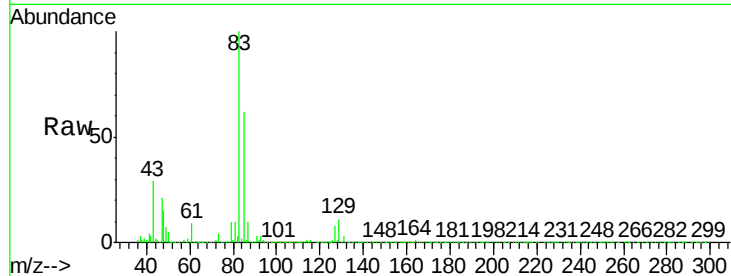
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	377311
Ion Ratio	Lower	Upper	
83	100		
85	61.9	51.6	77.4
127	7.6	7.0	10.4

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#42

Vinyl Acetate

Concen: 91.153 ug/l

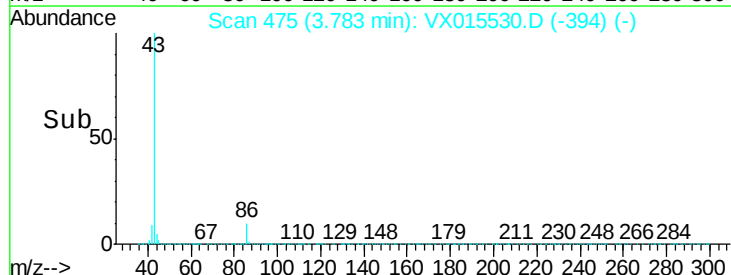
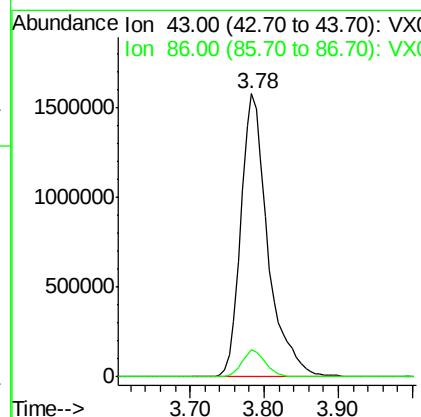
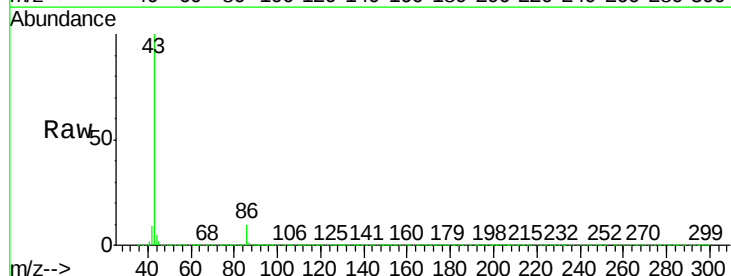
RT: 3.78 min Scan# 475

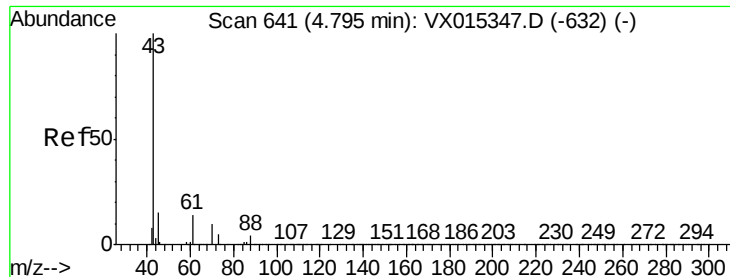
Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	43	Resp:	4005303
Ion Ratio	Lower	Upper	
43	100		
86	8.4	6.9	10.3





#43

Ethyl Acetate

Concen: 14.853 ug/l

RT: 4.80 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 374668

Ion Ratio Lower Upper

43 100

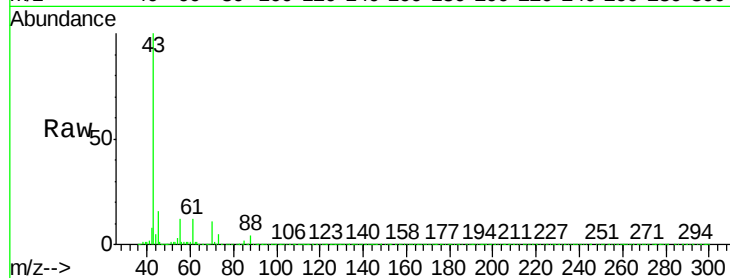
45 14.9 12.2 18.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

150000

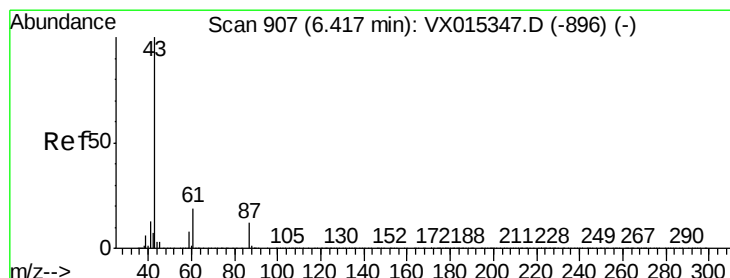
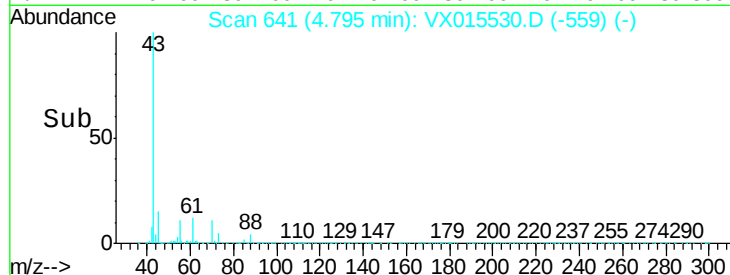
100000

50000

0

4.70 4.75 4.80 4.85 4.90

Time-->



#44

Isopropyl Acetate

Concen: 16.935 ug/l

RT: 6.41 min Scan# 906

Delta R.T. -0.01 min

Lab File: VX015530.D

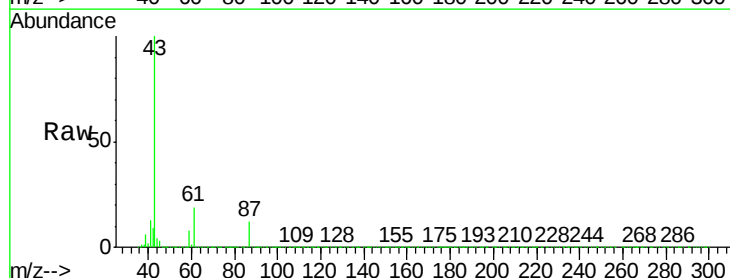
Acq: 07 Apr 2020 11:29

Tgt Ion: 43 Resp: 687500

Ion Ratio Lower Upper

43 100

61 18.7 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

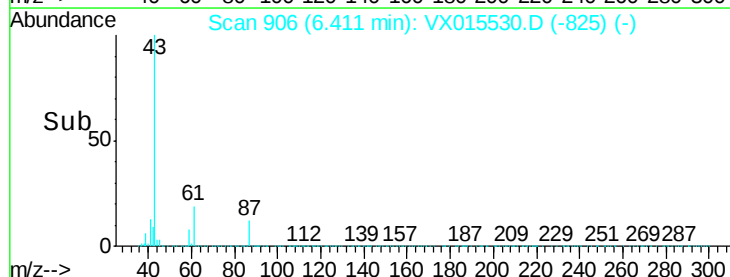
100000

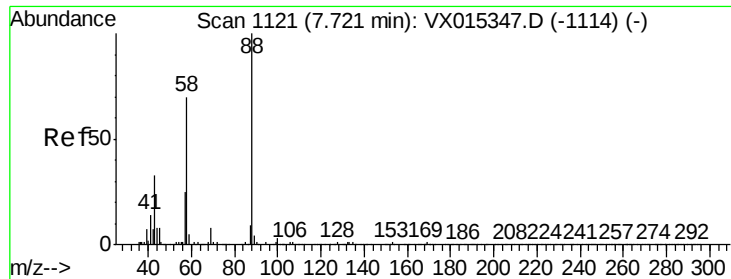
50000

0

6.30 6.40 6.50

Time-->





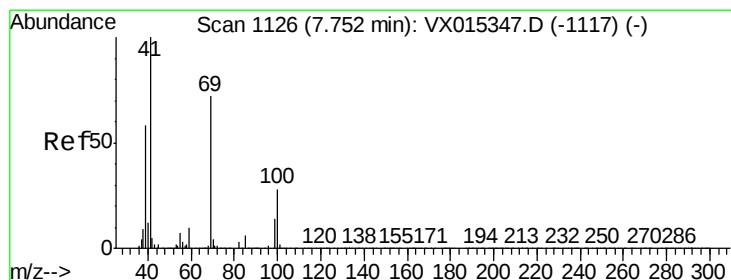
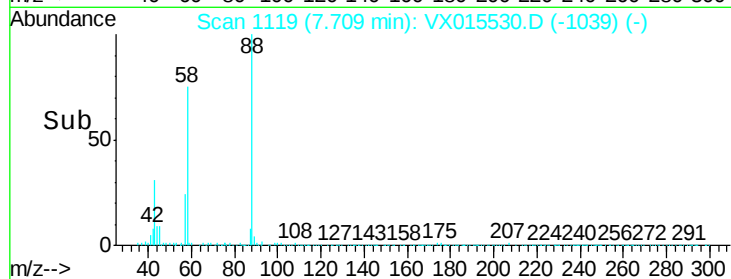
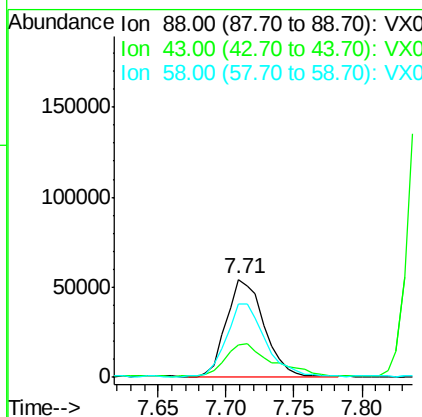
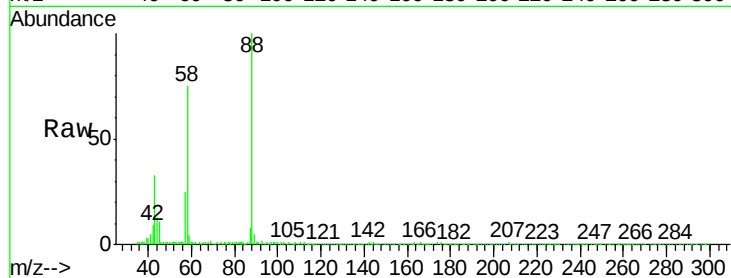
#45
1,4-Dioxane
Concen: 282.282 ug/l
RT: 7.71 min Scan# 1119
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.0	32.1	48.1
58	75.0	59.4	89.0

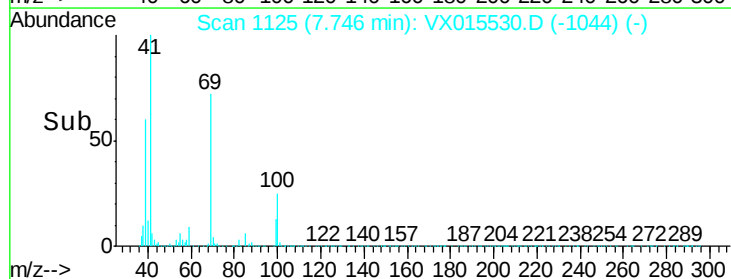
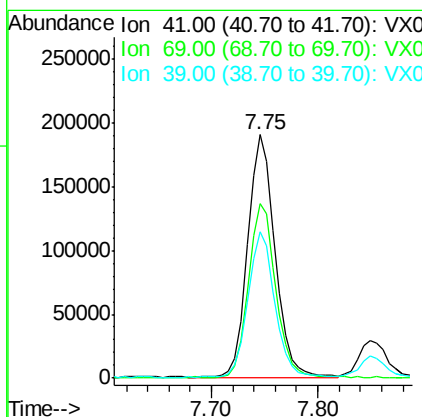
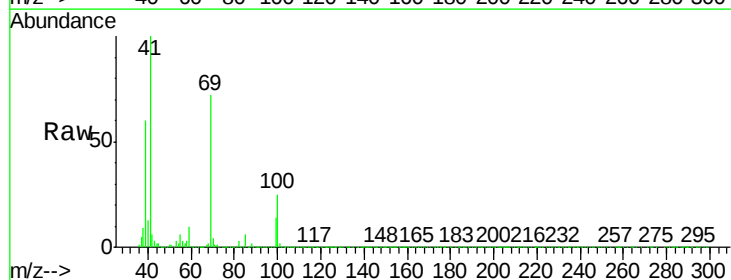
Manual Integrations
APPROVED

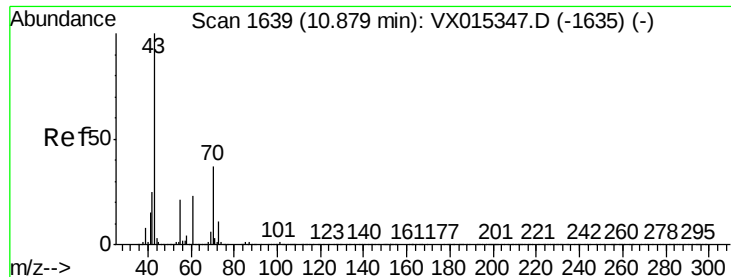
MMDadoda
4/8/2020 11:12:05 AM



#46
Methyl methacrylate
Concen: 16.889 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	71.6	35.8	107.4
39	59.6	28.9	86.8





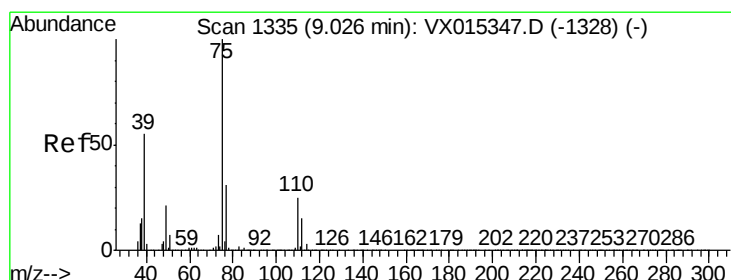
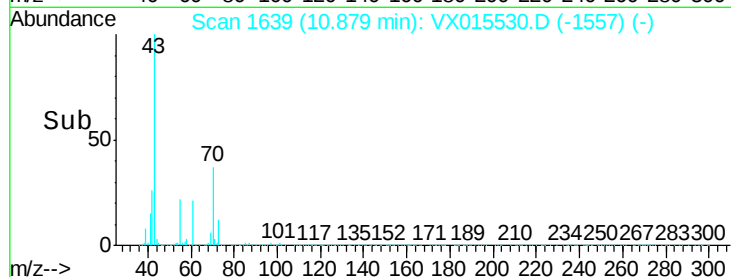
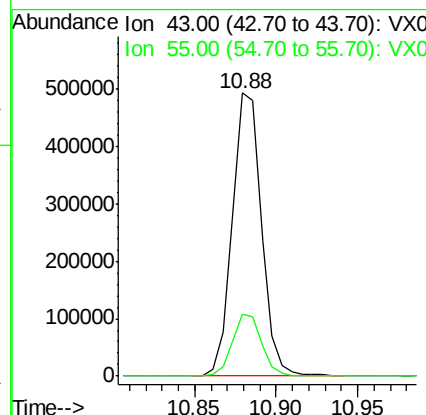
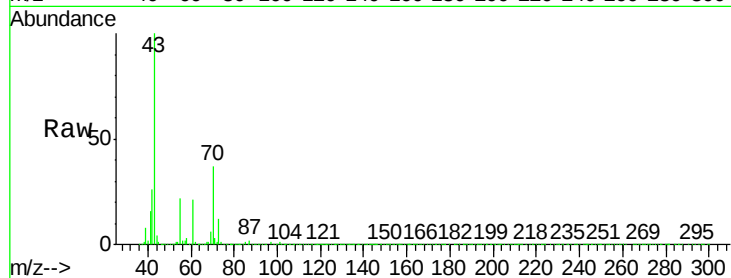
#47
n-amvl Acetate
Concen: 17.412 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	43	Resp	609495
Ion Ratio	100	Lower	Upper
55	21.7	17.0	25.6

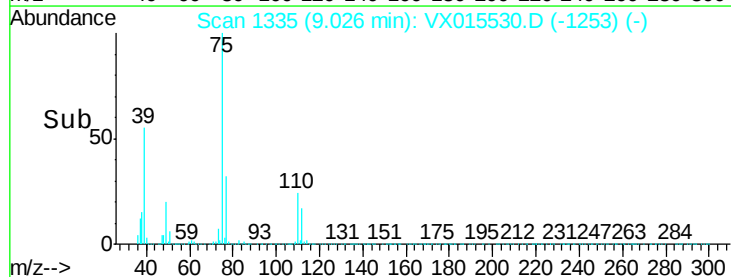
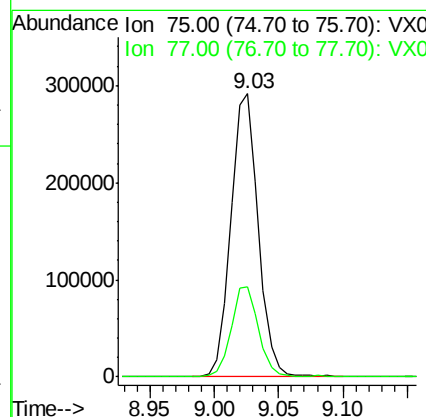
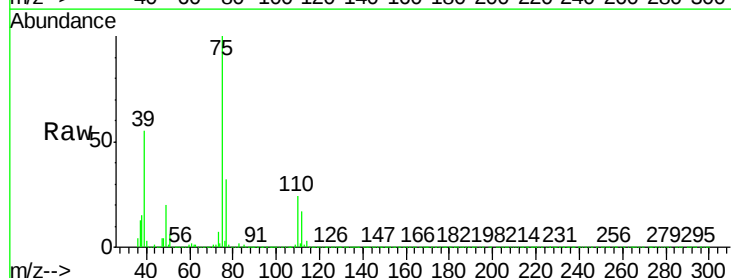
Manual Integrations
APPROVED

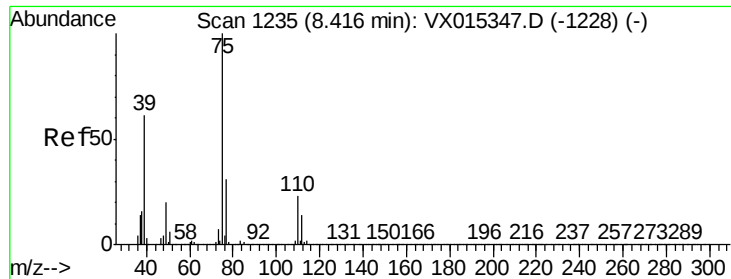
MMDadoda
4/8/2020 11:12:05 AM



#48
t-1,3-Dichloropropene
Concen: 17.386 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	75	Resp	434792
Ion Ratio	100	Lower	Upper
77	31.7	24.6	37.0





#49

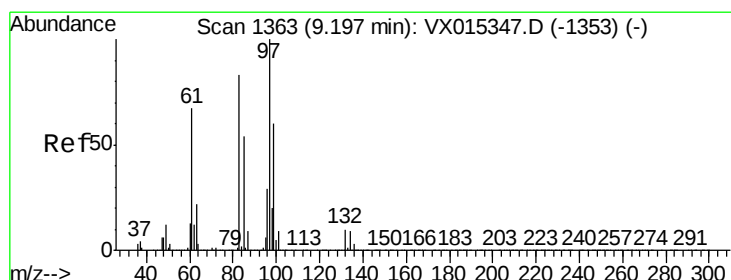
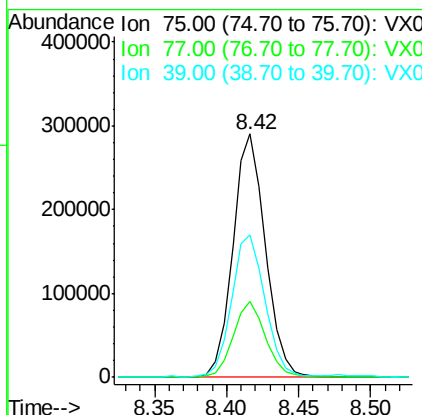
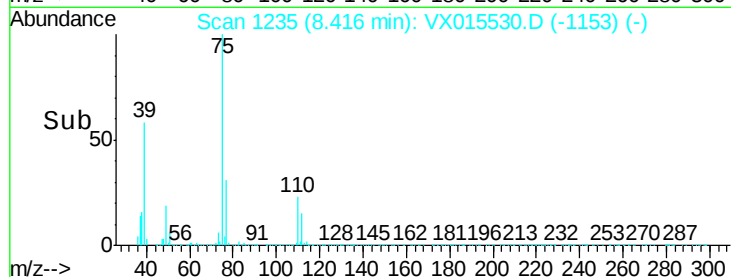
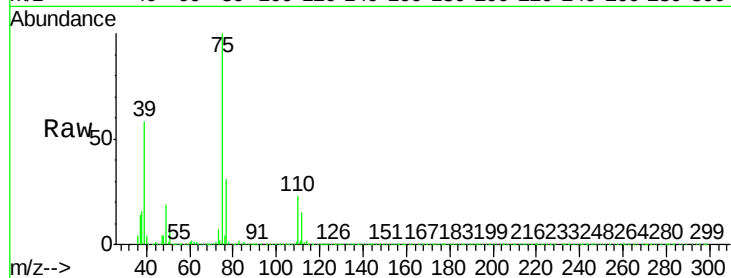
cis-1,3-Dichloropropene
Concen: 17.625 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	75	Resp:	454960
Ion Ratio	Lower	Upper	
75	100		
77	31.2	24.6	36.8
39	58.3	48.9	73.3

Manual Integrations
APPROVED

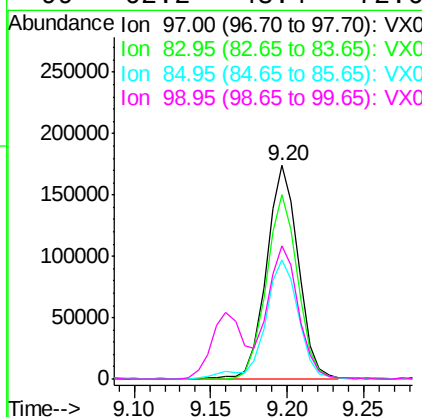
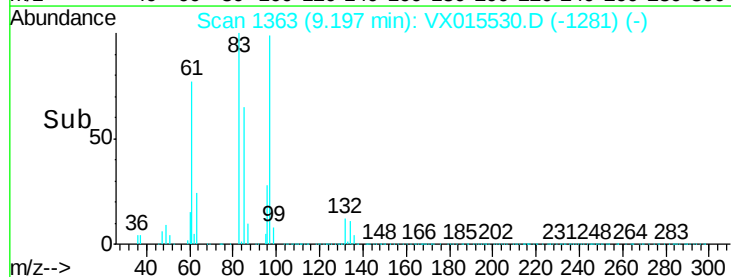
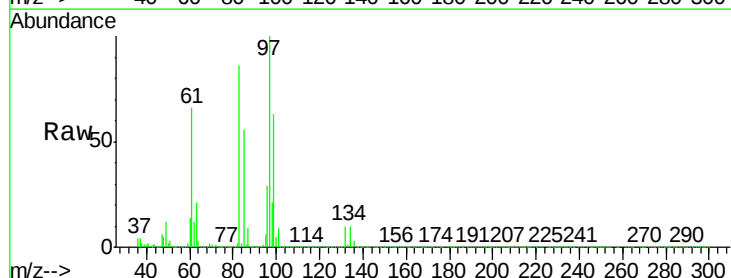
MMDadoda
4/8/2020 11:12:05 AM

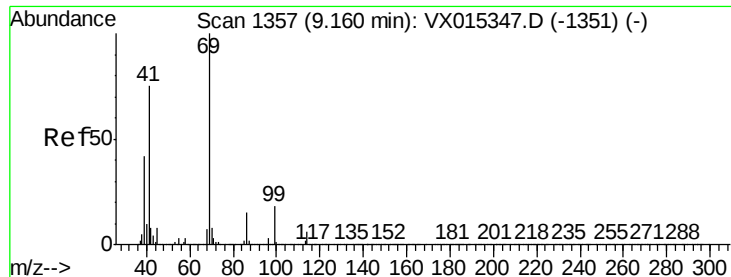


#50

1,1,2-Trichloroethane
Concen: 17.594 ug/l
RT: 9.20 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion:	97	Resp:	251686
Ion Ratio	Lower	Upper	
97	100		
83	86.1	66.8	100.2
85	55.7	43.3	64.9
99	62.2	48.4	72.6





#51

Ethyl methacrylate

Concen: 17.168 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

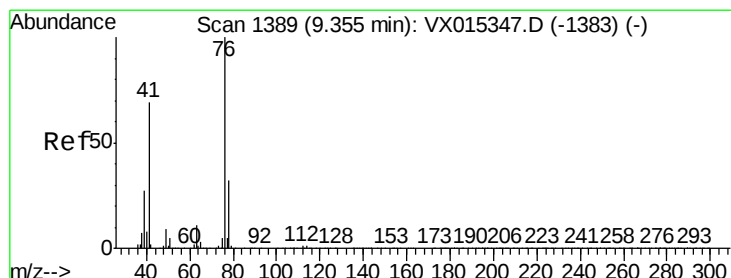
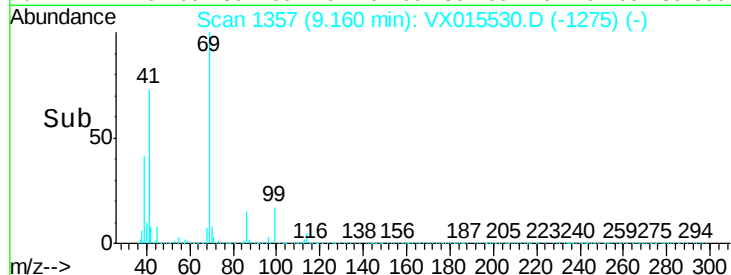
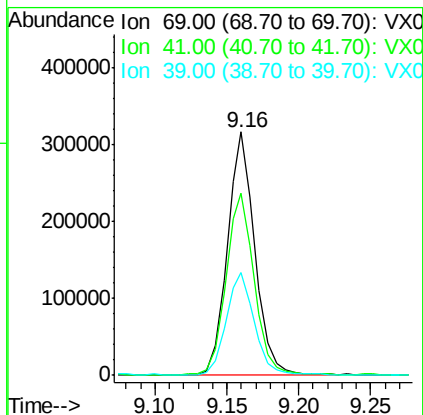
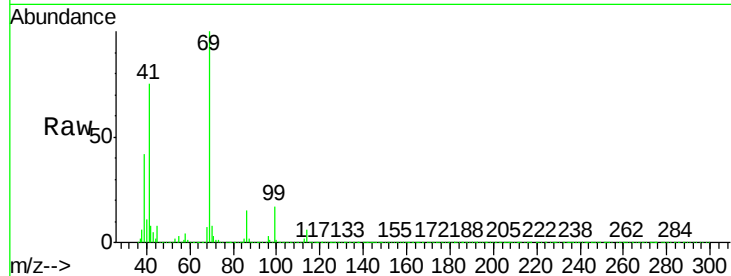
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	422374
Ion	Ratio	Lower	Upper
69	100		
41	74.5	37.4	112.2
39	41.8	21.1	63.1

Manual Integrations
APPROVED

MMDadoda
4/8/2020 11:12:05 AM



#52

1,3-Dichloropropane

Concen: 17.997 ug/l

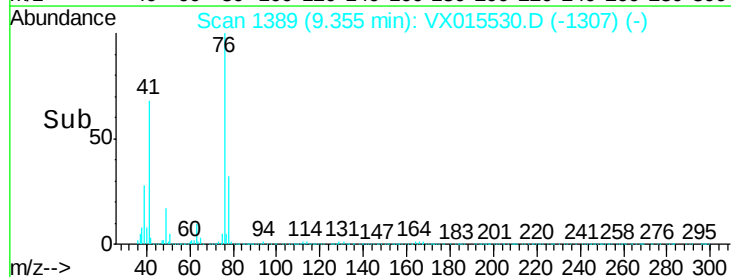
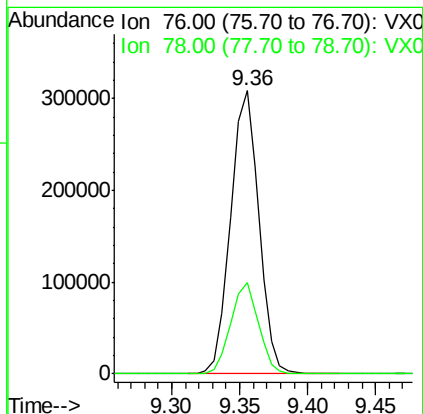
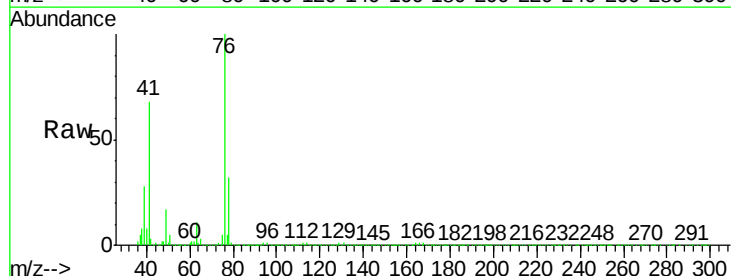
RT: 9.36 min Scan# 1389

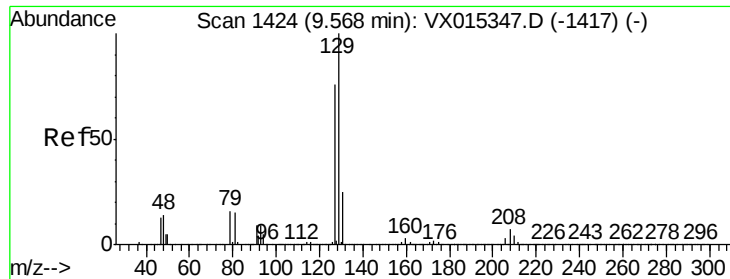
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	76	Resp:	444667
Ion	Ratio	Lower	Upper
76	100		
78	31.9	0.0	63.2





#53

Dibromochloromethane

Concen: 16.976 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 299365

Ion Ratio Lower Upper

129 100

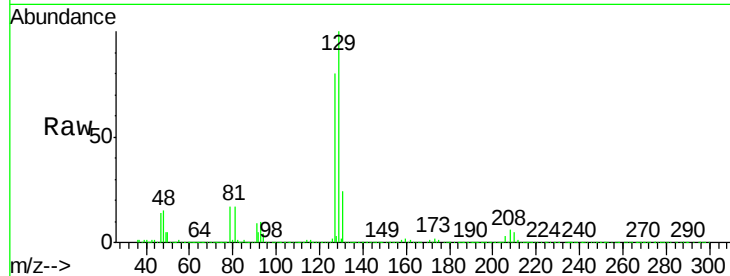
127 77.7 38.6 115.7

Manual Integrations

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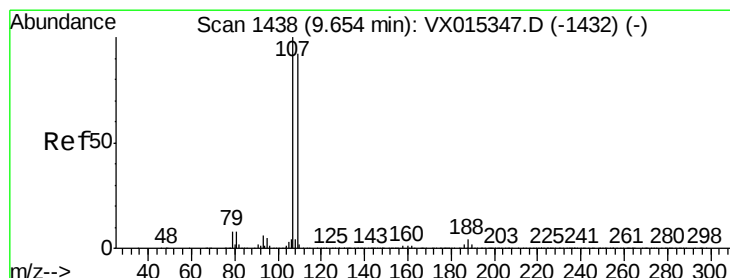
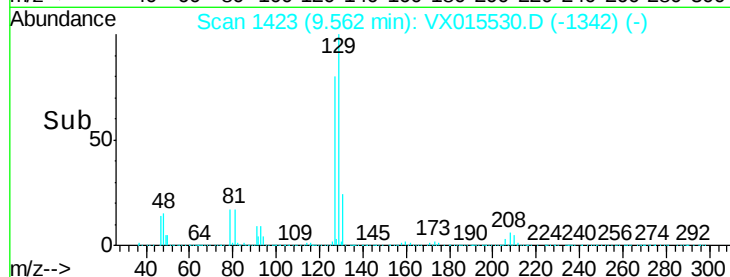
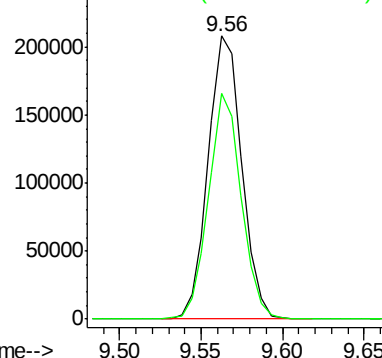
MMDadoda

4/8/2020 11:12:05 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 17.106 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015530.D

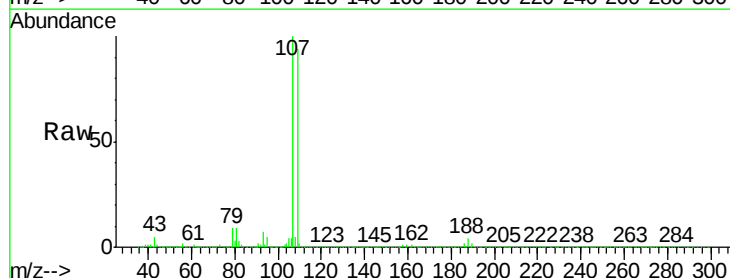
Acq: 07 Apr 2020 11:29

Tgt Ion:107 Resp: 262567

Ion Ratio Lower Upper

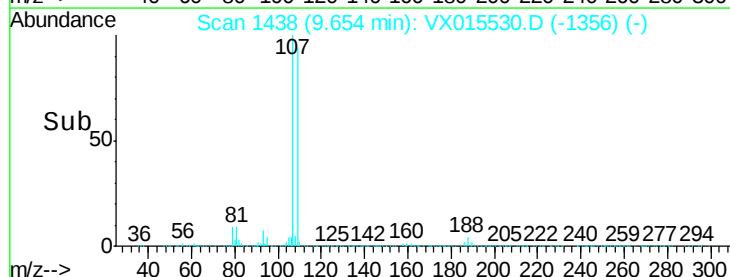
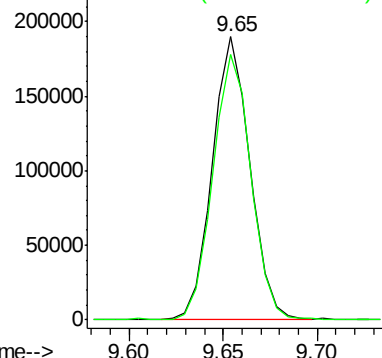
107 100

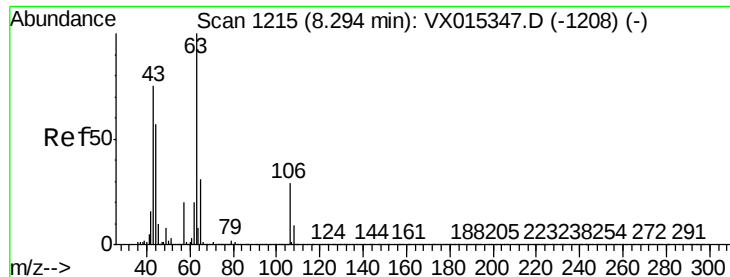
109 95.4 75.0 112.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





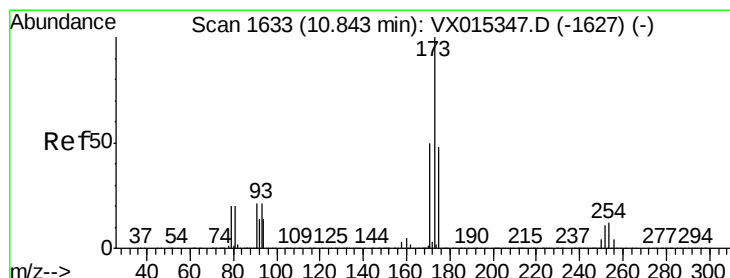
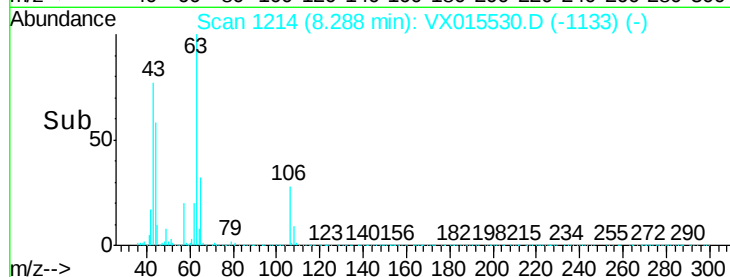
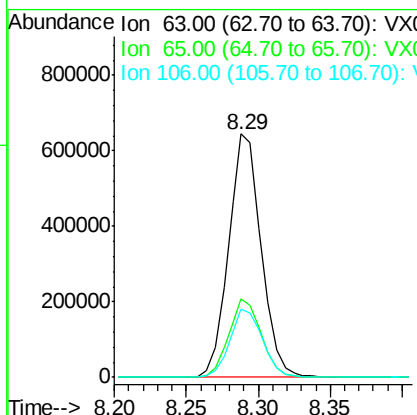
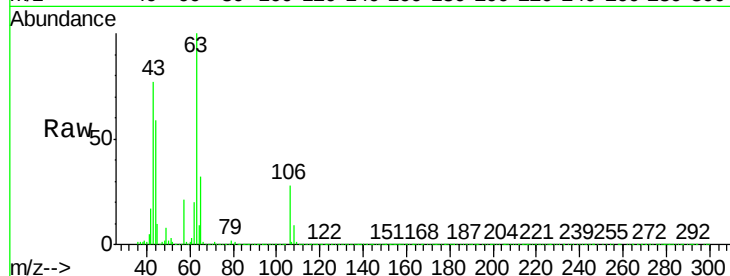
#55
 2-Chloroethyl vinyl ether
 Concen: 86.987 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.5	38.3
106	28.3	23.1	34.7

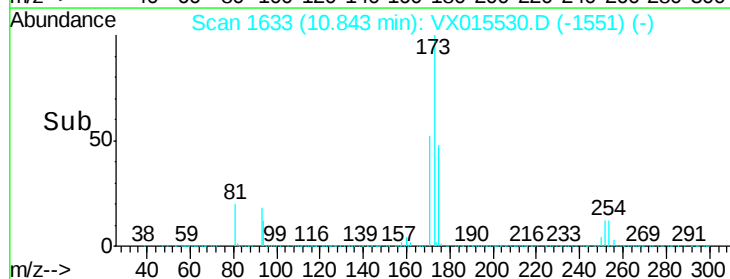
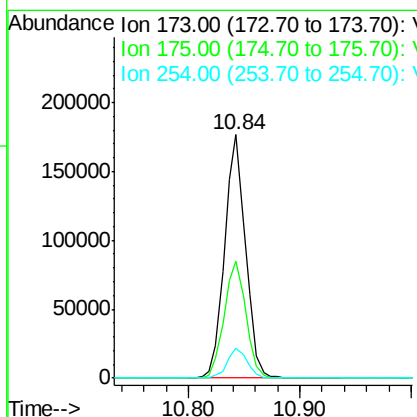
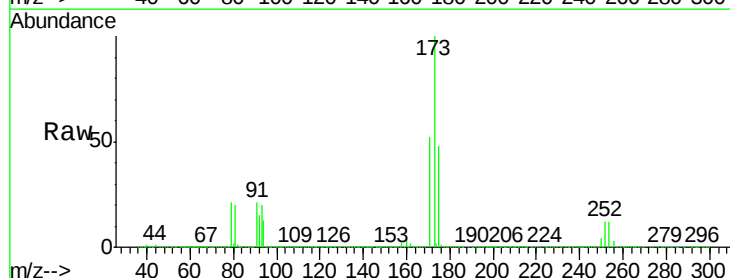
Manual Integrations
 APPROVED

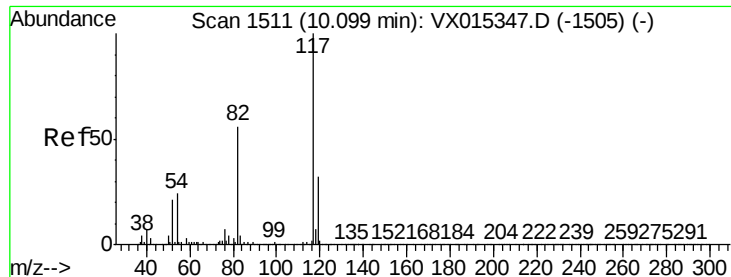
MMDadoda
 4/8/2020 11:12:05 AM



#56
 Bromoform
 Concen: 15.798 ug/l
 RT: 10.84 min Scan# 1633
 Delta R.T. 0.00 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.0	58.4
254	11.6	9.4	14.2





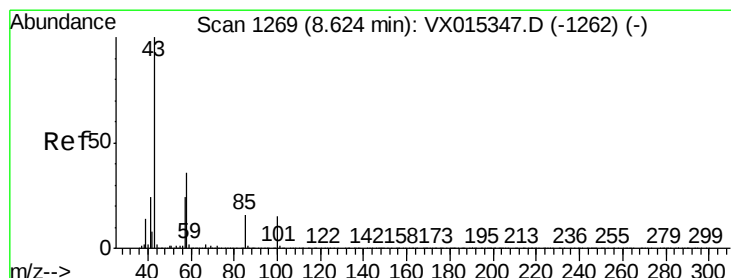
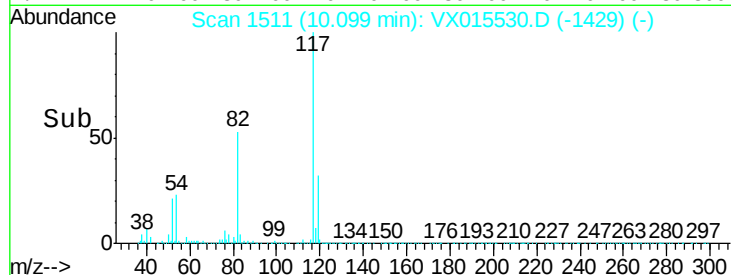
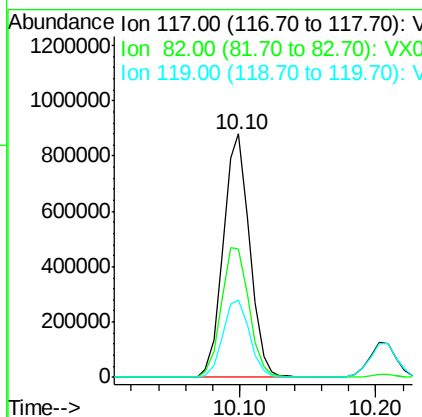
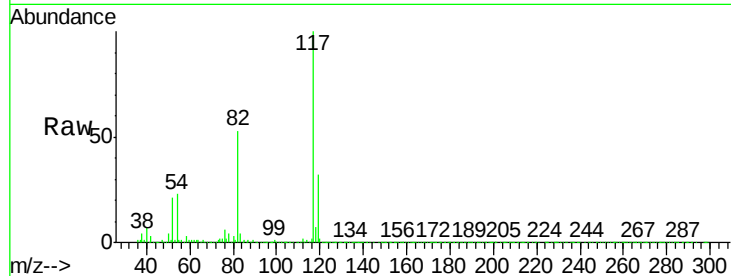
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	45.0	67.6
119	32.3	25.5	38.3

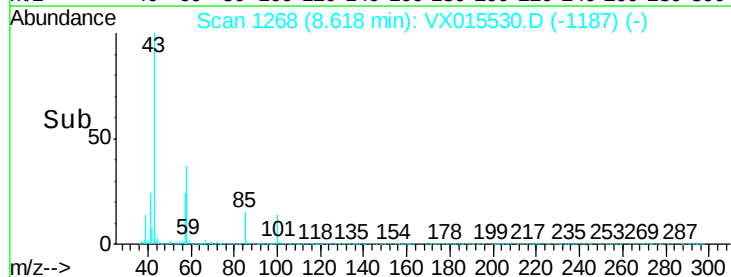
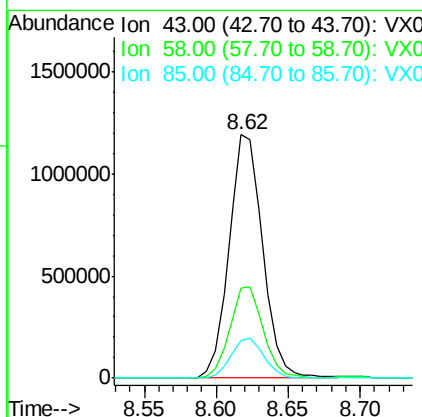
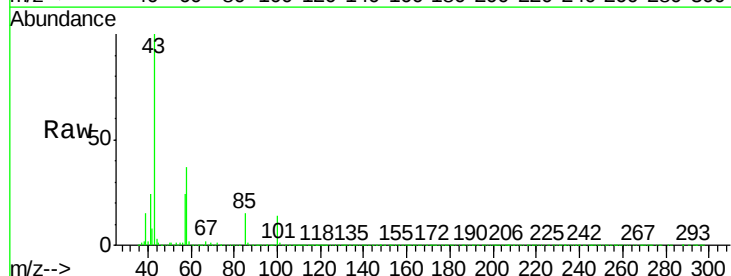
Manual Integrations
APPROVED

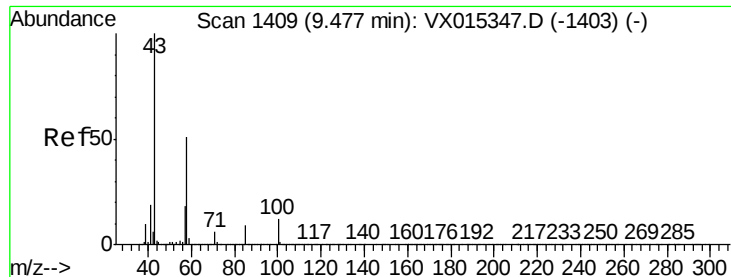
MMDadoda
4/8/2020 11:12:05 AM



#58
4-Methyl-2-Pentanone
Concen: 85.830 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.1	29.4	44.0
85	16.1	13.0	19.4





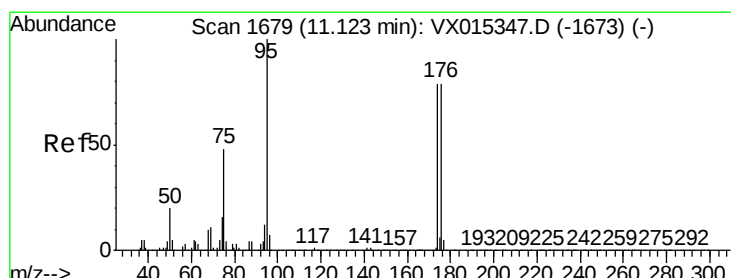
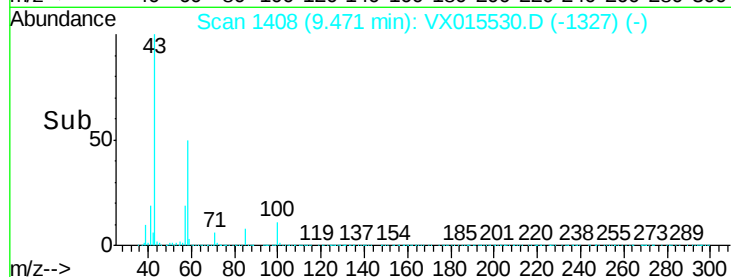
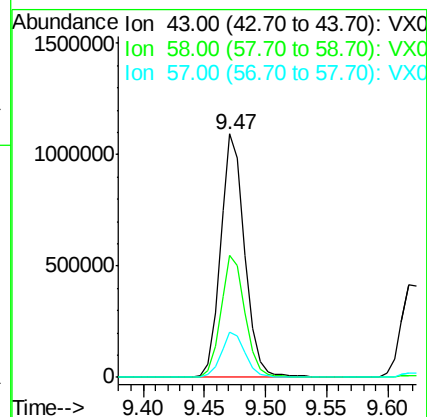
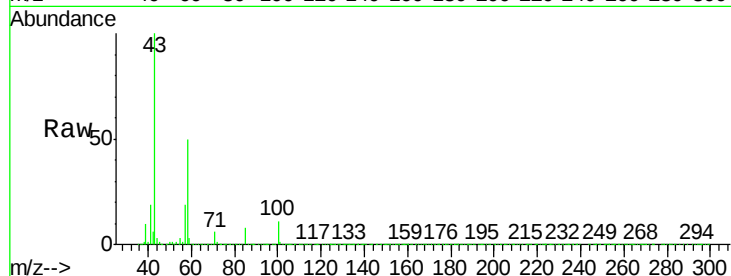
#59
2-Hexanone
Concen: 86.807 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	50.4	40.2	60.4
57	18.6	14.6	22.0

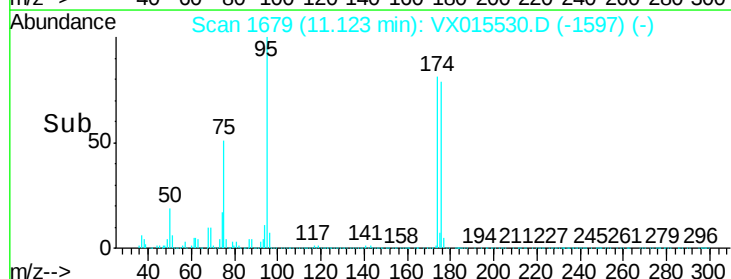
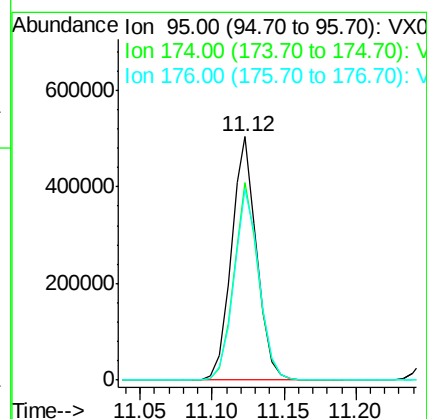
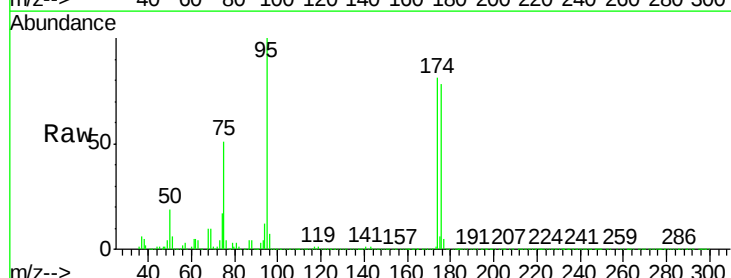
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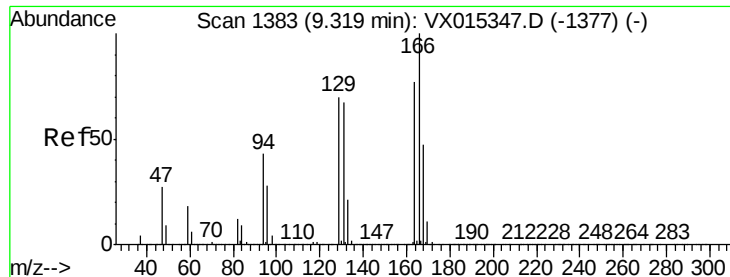
MMDadoda
4/8/2020 11:12:05 AM



#60
4-Bromofluorobenzene
Concen: 30.514 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.3	66.4	99.6
176	78.4	64.1	96.1





#61

Tetrachloroethene

Concen: 17.525 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

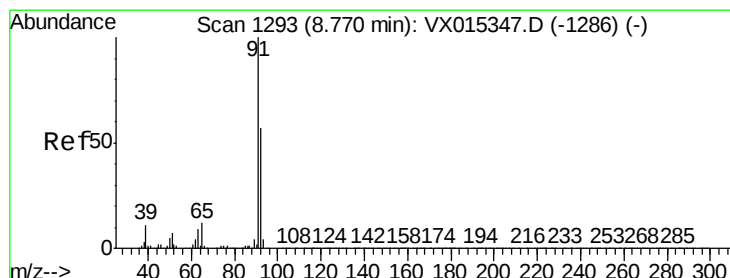
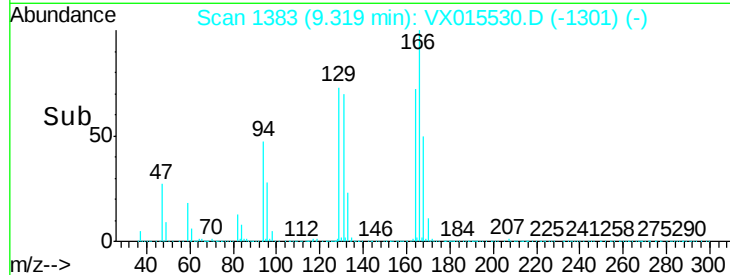
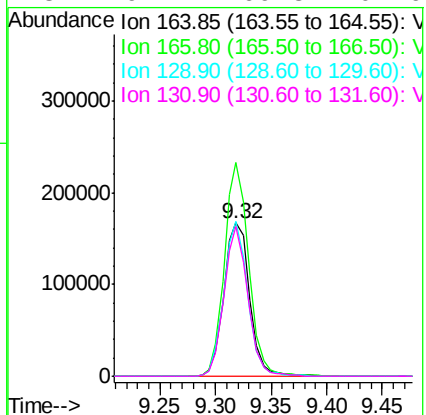
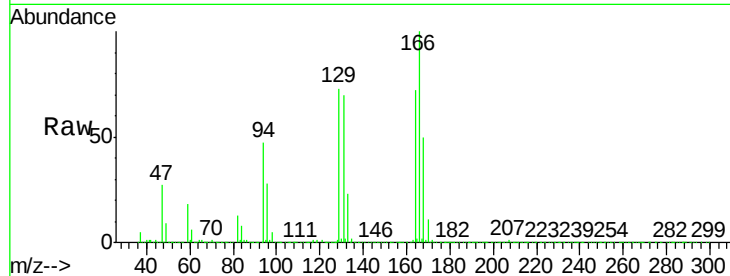
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	139.5	103.6	155.4
129	101.5	72.6	108.8
131	97.7	69.8	104.6

Manual Integrations
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#62

Toluene

Concen: 18.035 ug/l

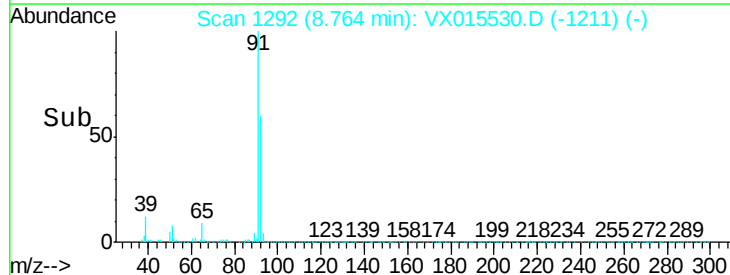
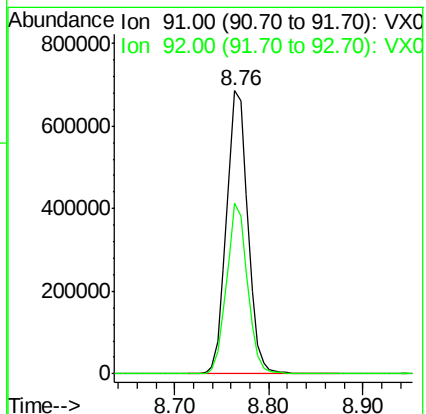
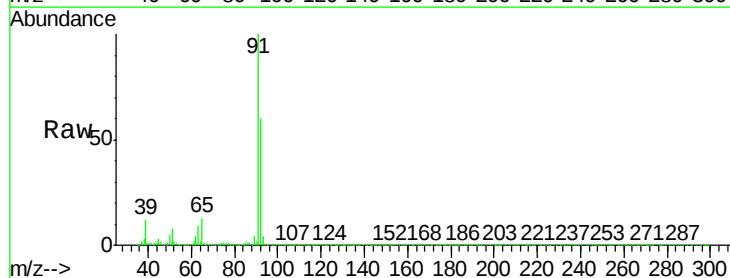
RT: 8.76 min Scan# 1292

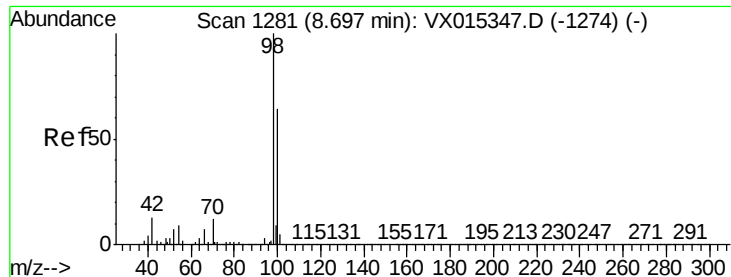
Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.7	70.1





#63

Toluene-d8

Concen: 30.285 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

Tot Ion: 98 Resp: 1523600

Ion Ratio Lower Upper

98 100

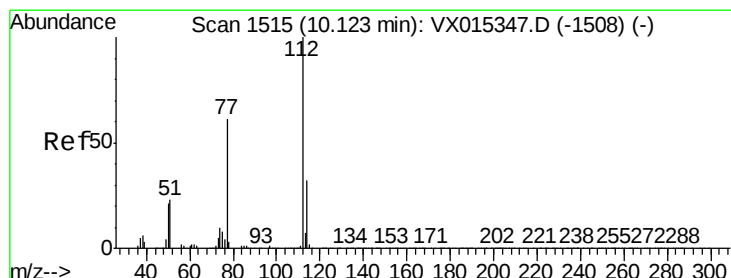
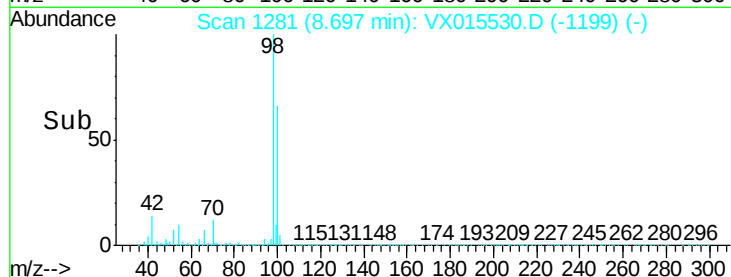
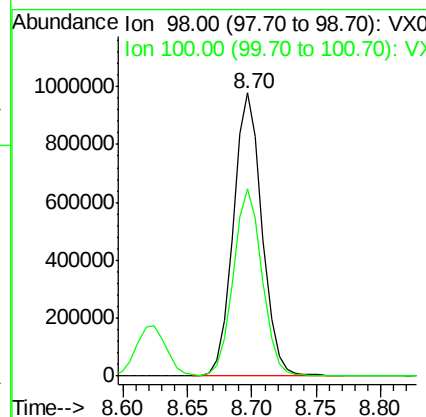
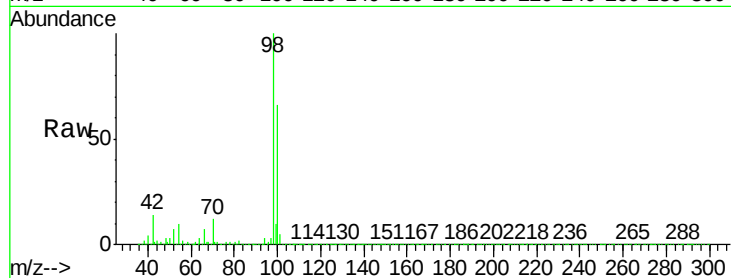
100 66.0 52.2 78.2

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#64

Chlorobenzene

Concen: 17.878 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015530.D

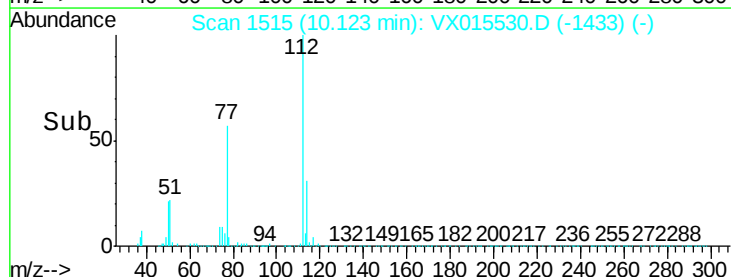
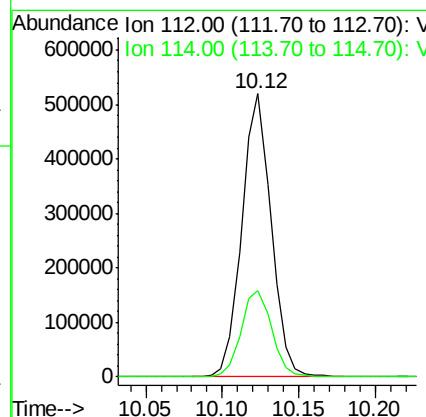
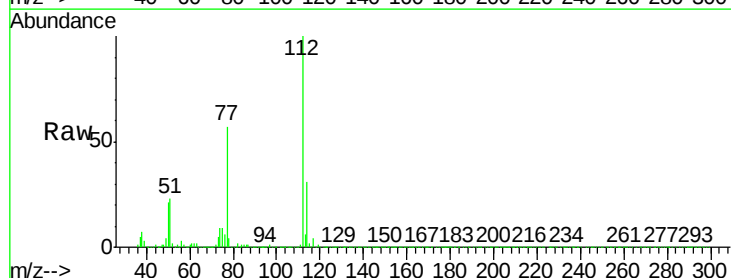
Acq: 07 Apr 2020 11:29

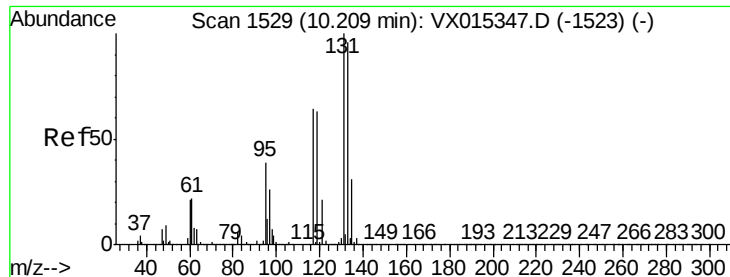
Tgt Ion: 112 Resp: 689400

Ion Ratio Lower Upper

112 100

114 30.5 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 17.349 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

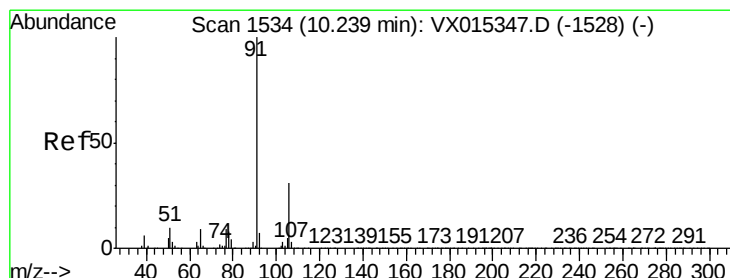
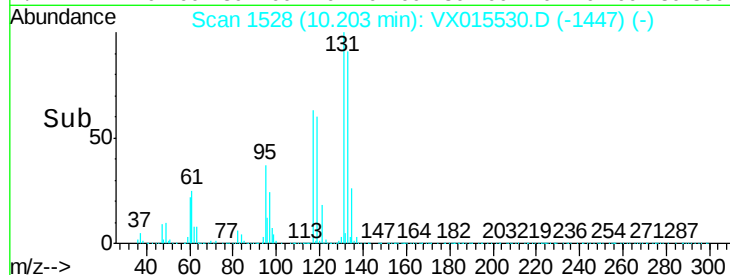
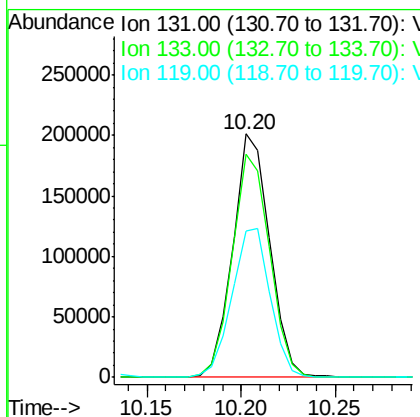
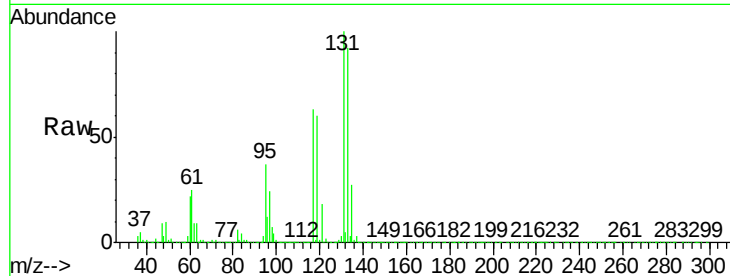
ClientSampled :

VSTDCCC020

Tot Ion:	131	Resp:	273375
Ion Ratio	Lower	Upper	
131	100		
133	92.9	0.0	193.6
119	63.1	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.120 ug/l

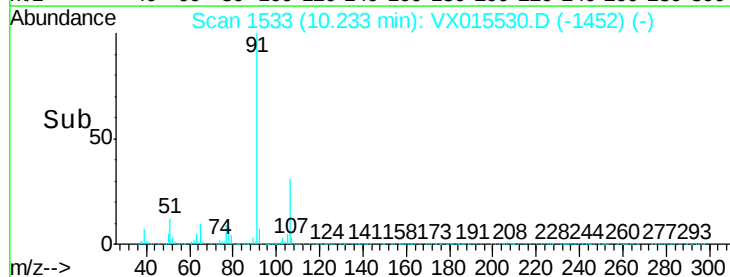
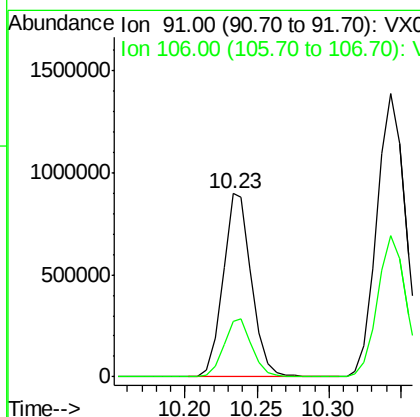
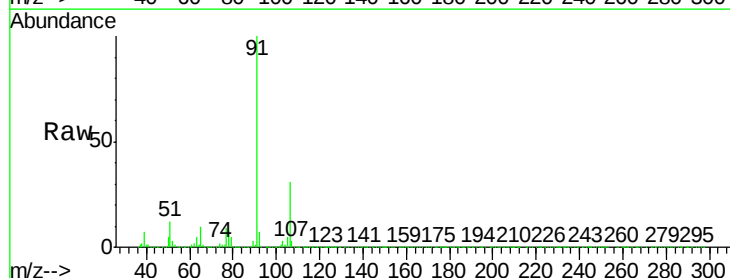
RT: 10.23 min Scan# 1533

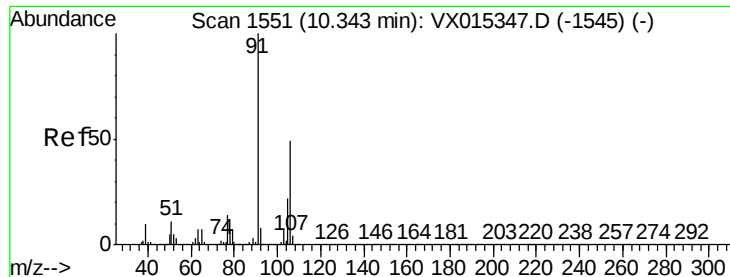
Delta R.T. -0.01 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	91	Resp:	1241494
Ion Ratio	Lower	Upper	
91	100		
106	30.5	25.0	37.6





#67

m/p-Xvlenes

Concen: 36.335 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 942265

Ion Ratio Lower Upper

106 100

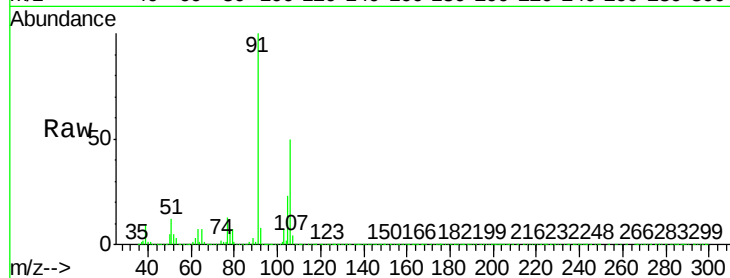
91 204.0 165.0 247.4

Manual Integrations

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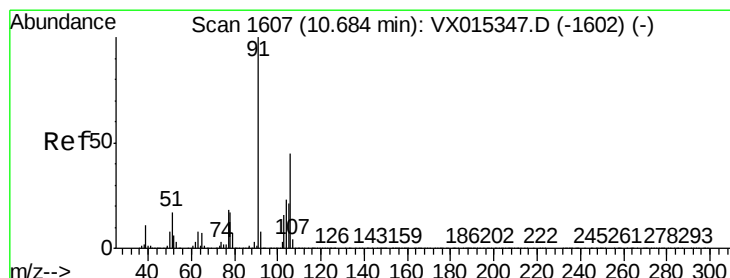
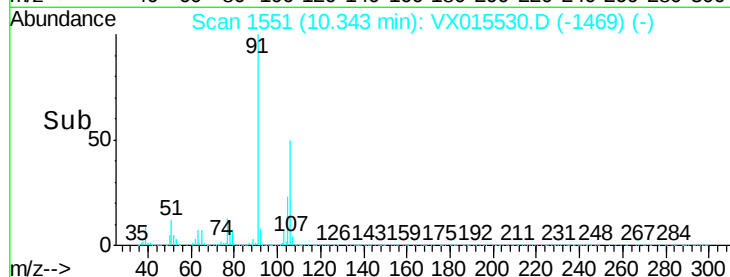
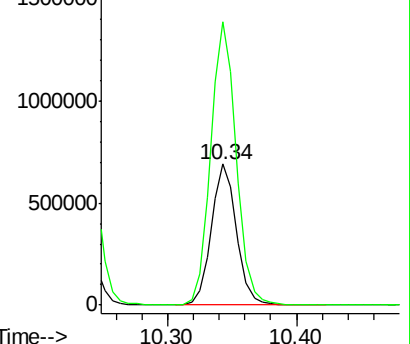
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.656 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015530.D

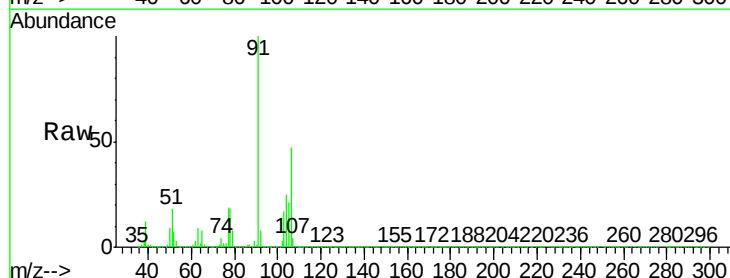
Acq: 07 Apr 2020 11:29

Tgt Ion:106 Resp: 447550

Ion Ratio Lower Upper

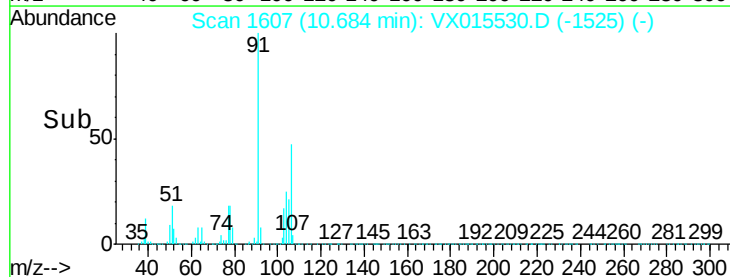
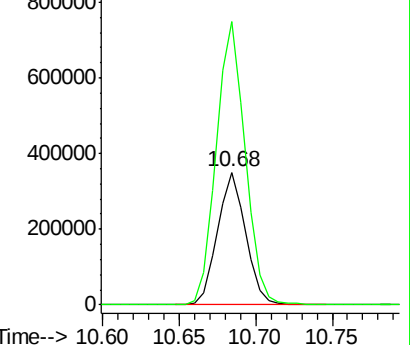
106 100

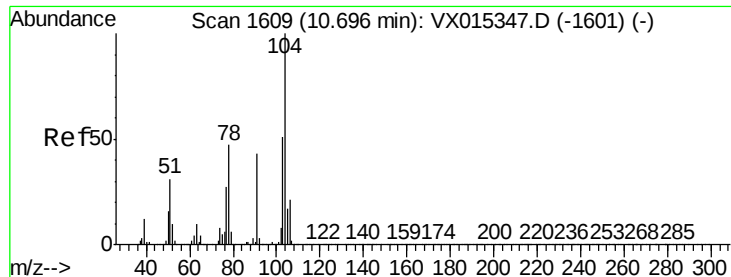
91 218.4 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





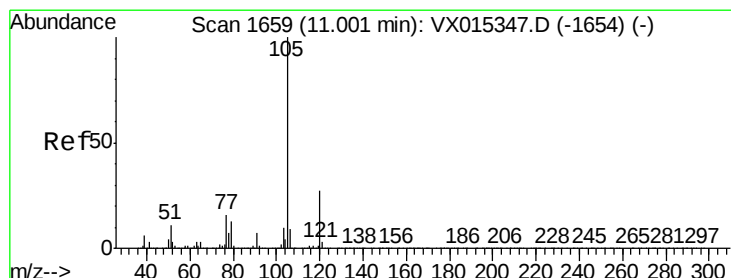
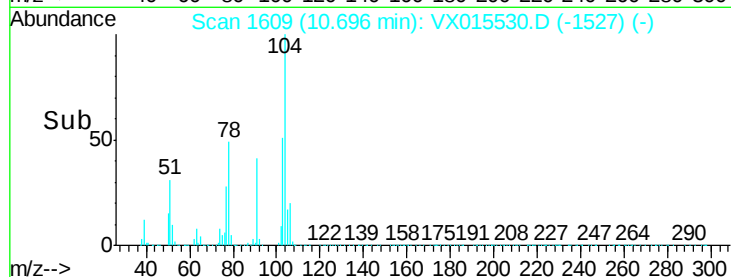
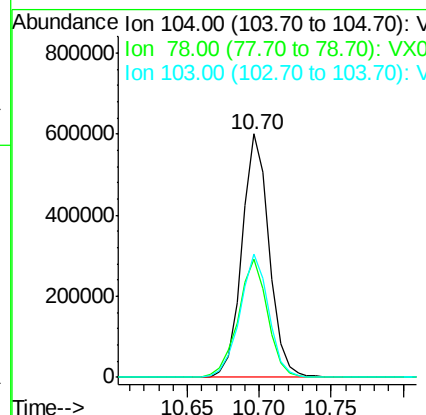
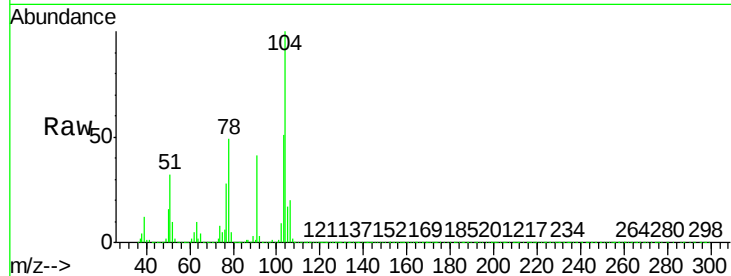
#69
Stvrene
Concen: 17.843 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	787996		
78	53.0		41.5	62.3
103	54.0		43.4	65.2

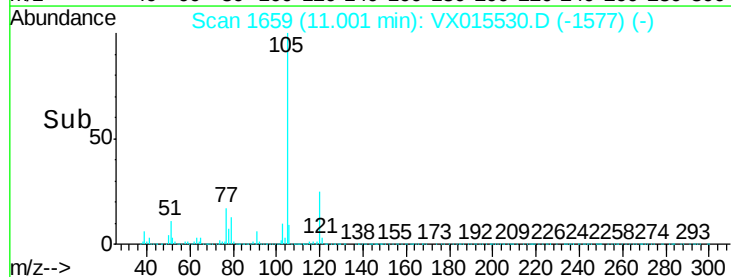
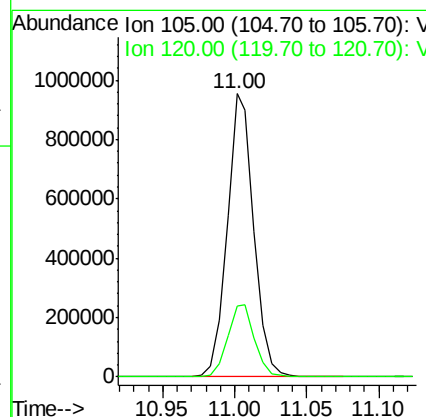
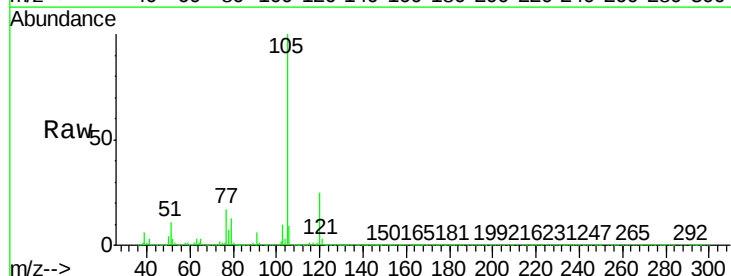
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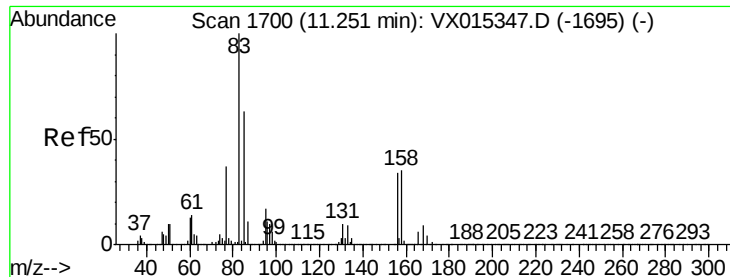
MMDadoda
4/8/2020 11:12:05 AM



#70
Isopropylbenzene
Concen: 18.313 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1230619		
120	25.9		18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 17.052 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

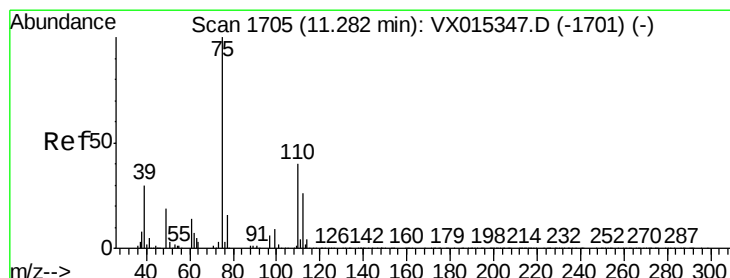
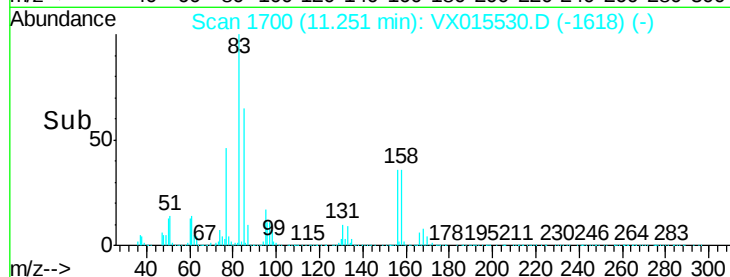
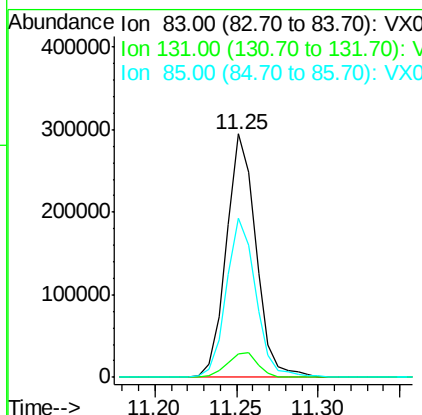
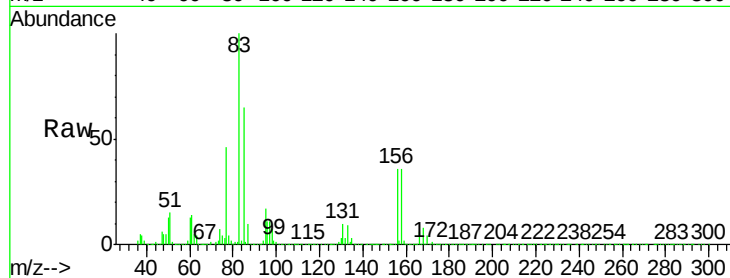
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	371389
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	15.9
85	65.2	32.0	96.2

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#72

1,2,3-Trichloropropane

Concen: 17.494 ug/l m

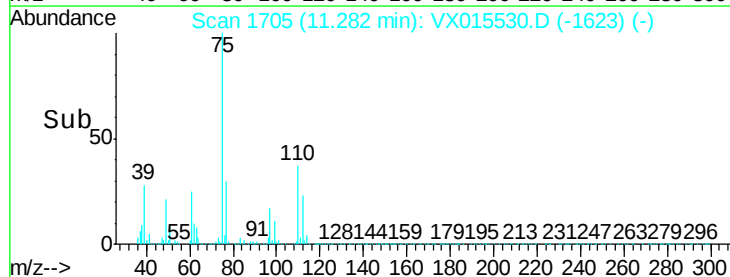
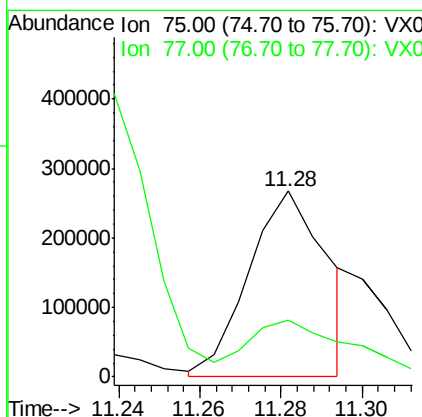
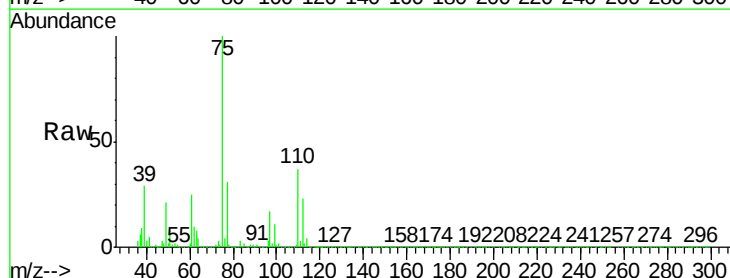
RT: 11.28 min Scan# 1705

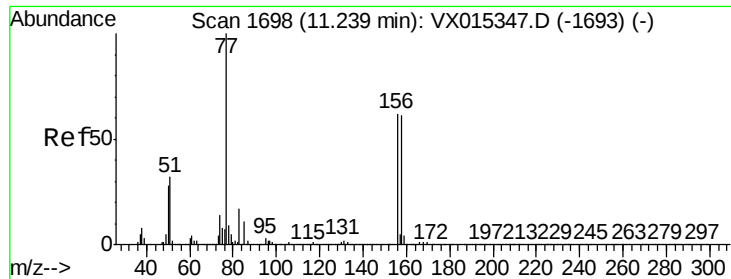
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	75	Resp:	356510
Ion Ratio	Lower	Upper	
75	100		
77	38.0	0.0	80.0





#73

Bromobenzene

Concen: 17.662 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

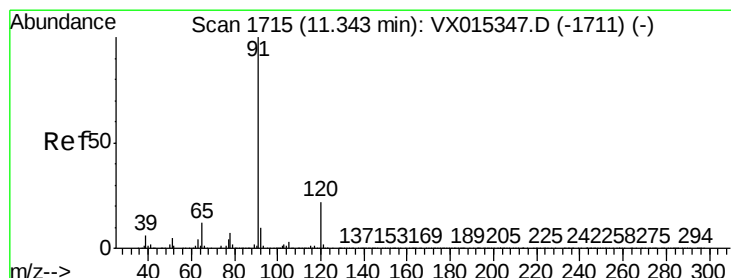
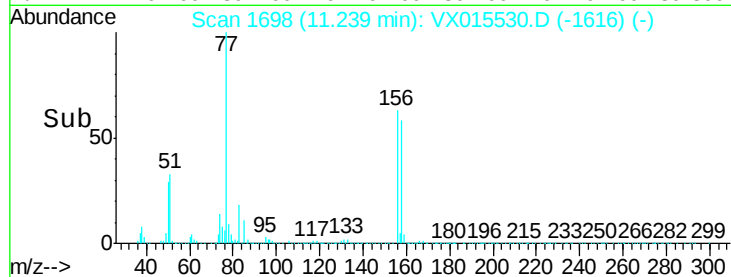
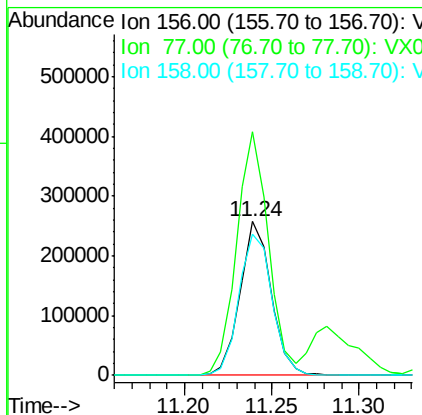
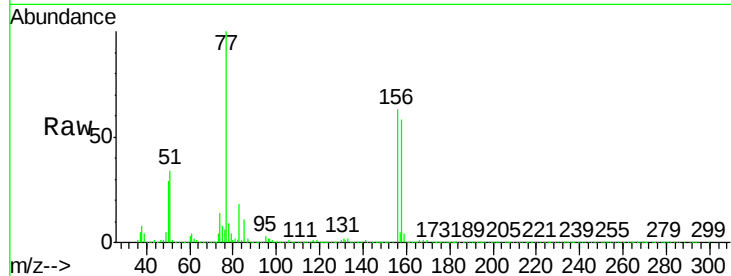
ClientSampled :

VSTDCCC020

Tot Ion:	156	Resp:	318582
Ion Ratio	Lower	Upper	
156	100		
77	161.7	0.0	324.4
158	97.9	0.0	200.0

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#74

n-propylbenzene

Concen: 18.915 ug/l

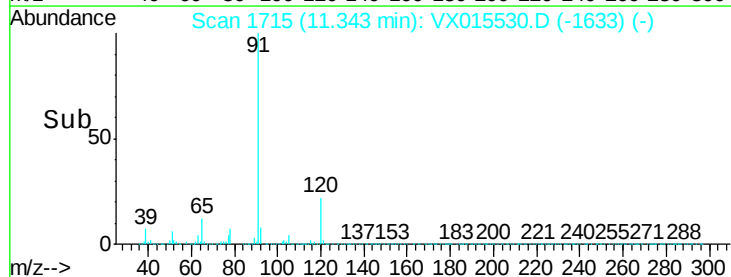
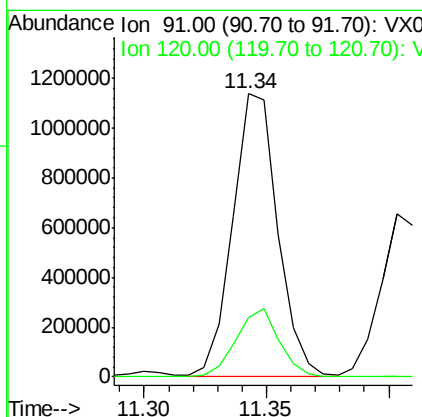
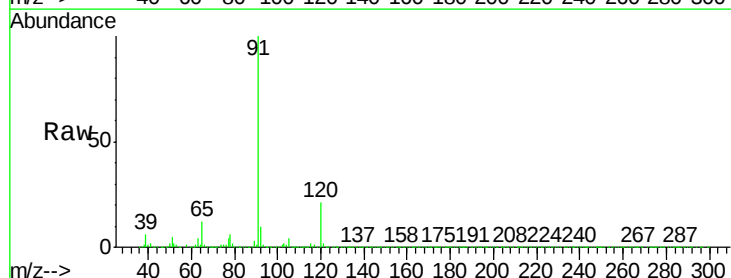
RT: 11.34 min Scan# 1715

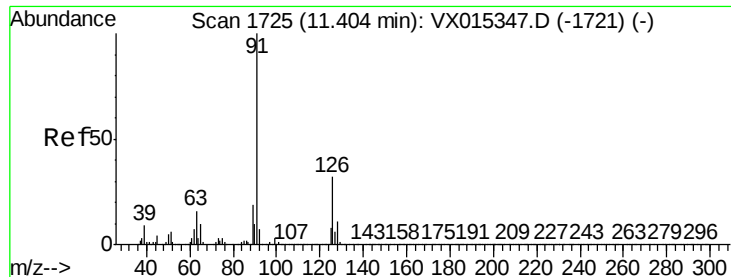
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	91	Resp:	1457853
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.2





#75

2-Chlorotoluene

Concen: 18.263 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 856114

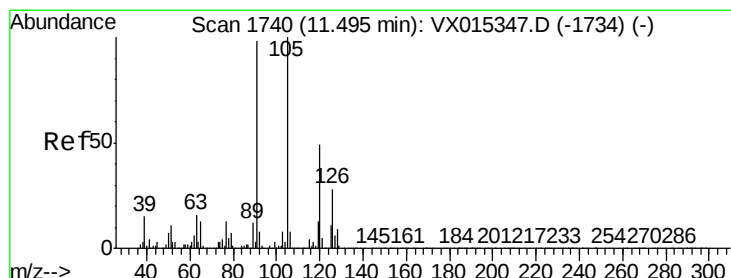
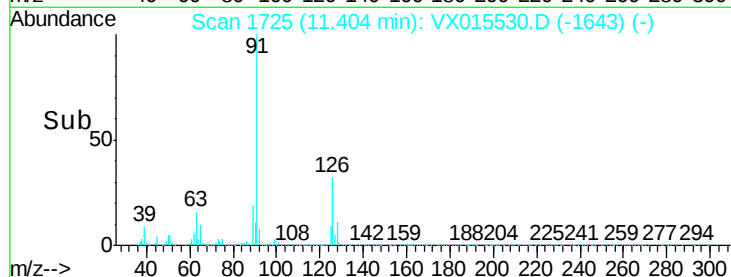
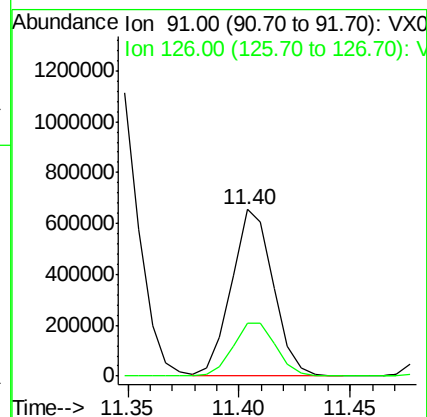
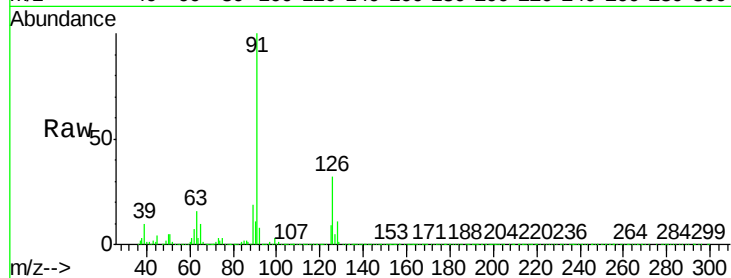
Ion Ratio Lower Upper

91 100

126 33.0 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 18.181 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015530.D

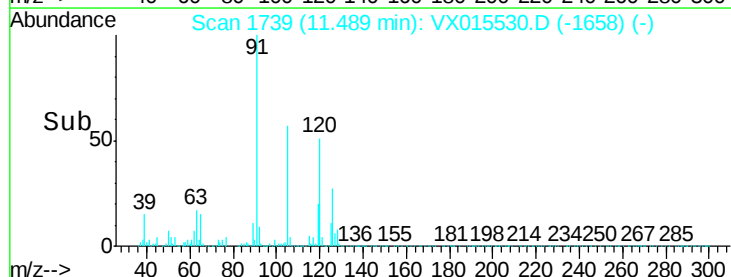
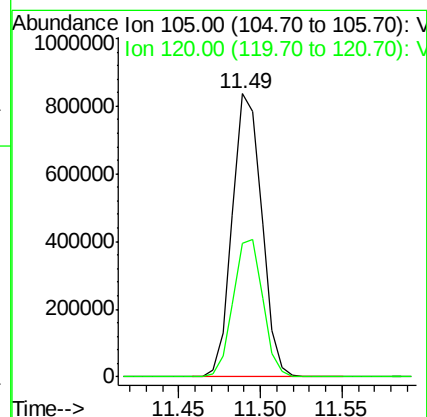
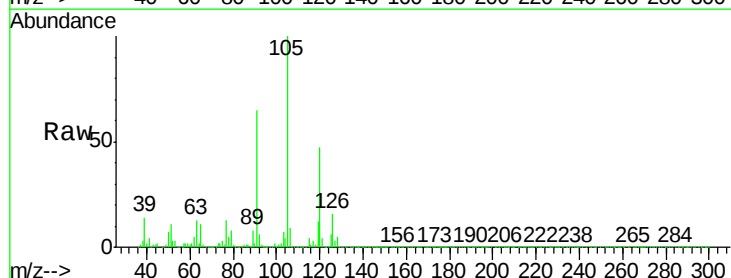
Acq: 07 Apr 2020 11:29

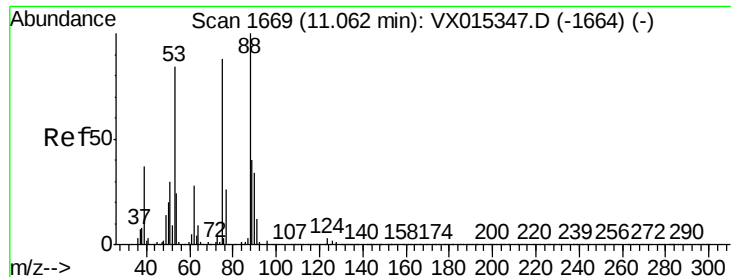
Tgt Ion: 105 Resp: 1049176

Ion Ratio Lower Upper

105 100

120 49.0 0.0 98.0





#77

t-1,4-Dichloro-2-butene

Concen: 15.781 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

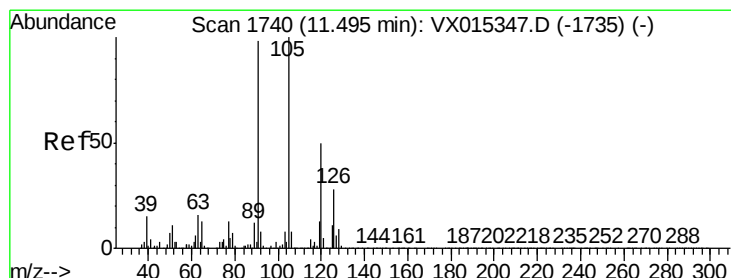
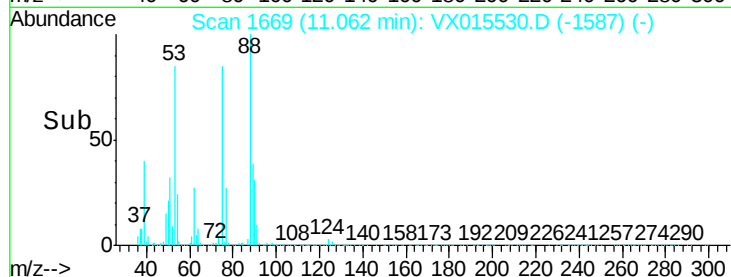
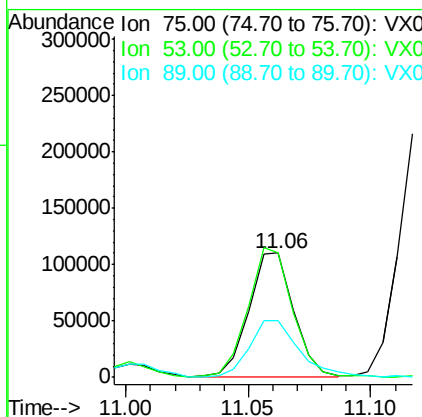
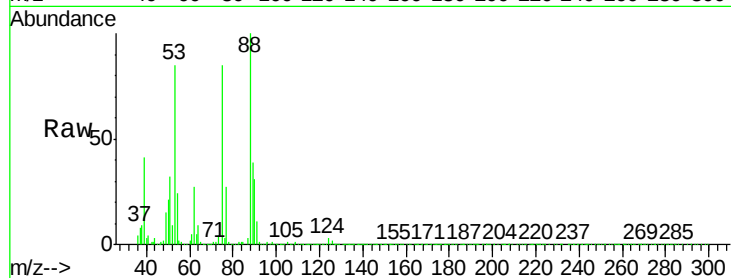
ClientSampled :

VSTDCCC020

Tot Ion	75	Resp	138586
Ion	Ratio	Lower	Upper
75	100		
53	100.2	47.5	142.6
89	45.3	22.8	68.3

Manual Integrations
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4/8/2020 11:12:05 AM



#78

4-Chlorotoluene

Concen: 18.874 ug/l

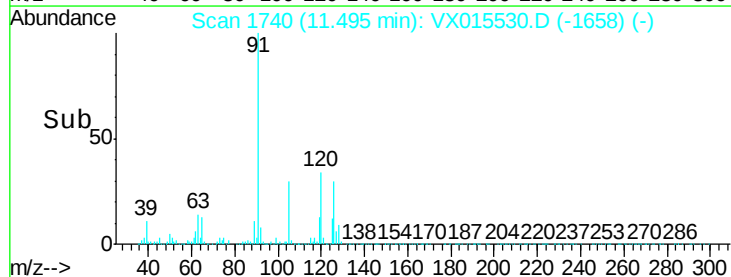
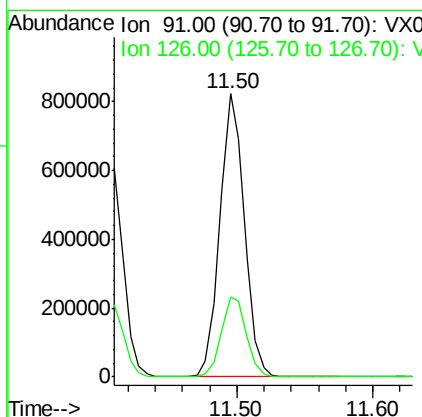
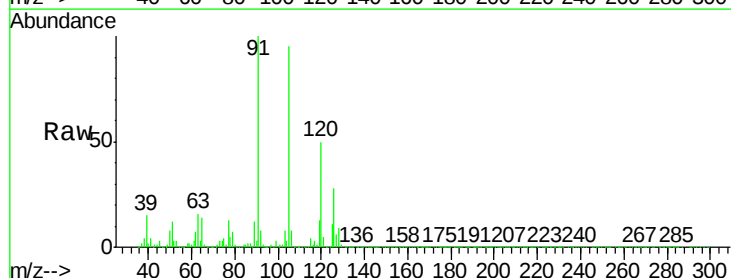
RT: 11.50 min Scan# 1740

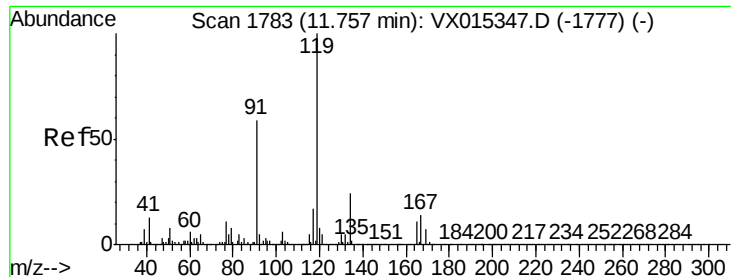
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion	91	Resp	1023587
Ion	Ratio	Lower	Upper
91	100		
126	28.7	0.0	57.8





#79

tert-butylbenzene

Concen: 17.876 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

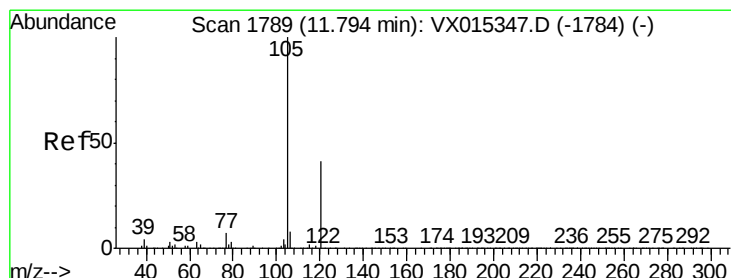
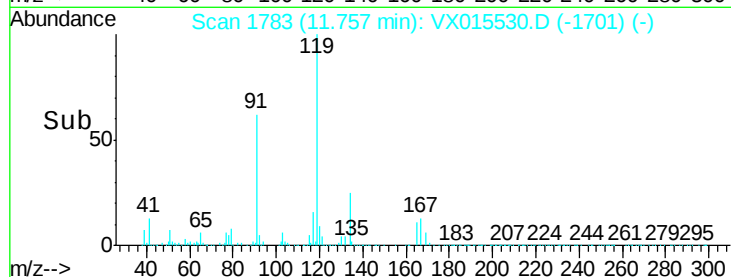
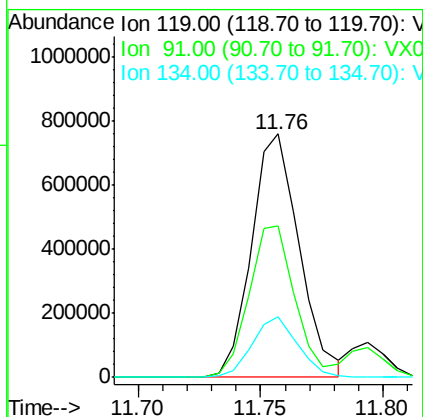
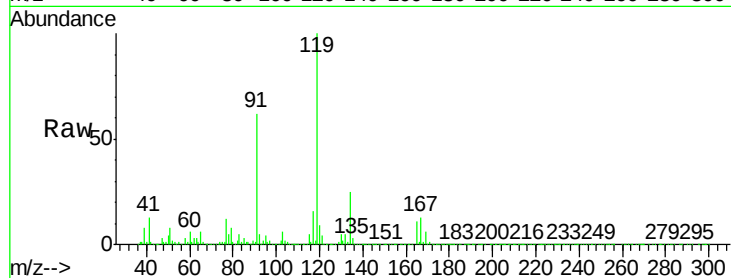
ClientSampled :

VSTDCCC020

Tot Ion:	119	Resp:	1030989
Ion	Ratio	Lower	Upper
119	100		
91	59.4	0.0	115.8
134	23.5	0.0	47.0

Manual Integrations
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4/8/2020 11:12:05 AM



#80

1,2,4-Trimethylbenzene

Concen: 18.273 ug/l

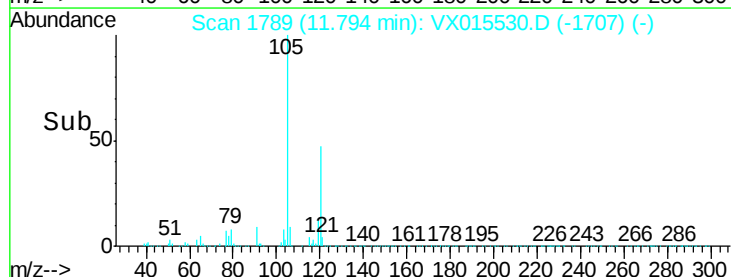
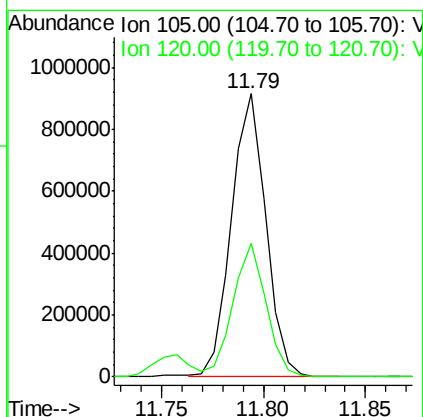
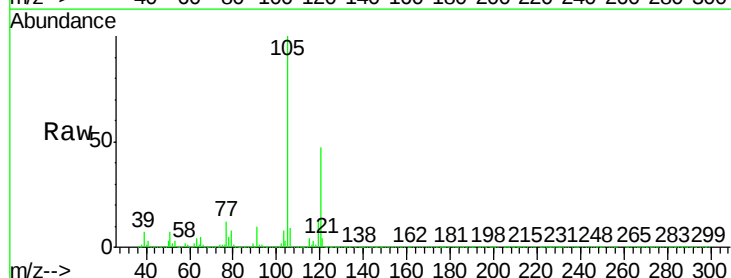
RT: 11.79 min Scan# 1789

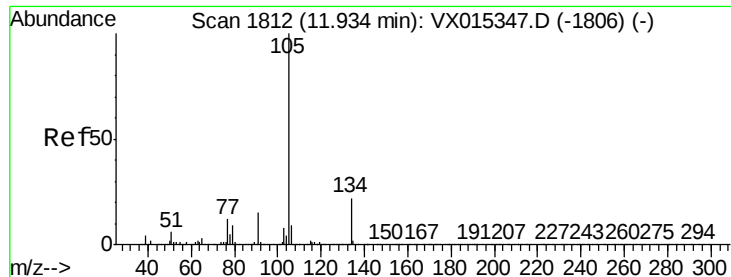
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion:	105	Resp:	1068181
Ion	Ratio	Lower	Upper
105	100		
120	45.5	0.0	91.0





#81

sec-Butylbenzene

Concen: 18.342 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 1213524

Ion Ratio Lower Upper

105 100

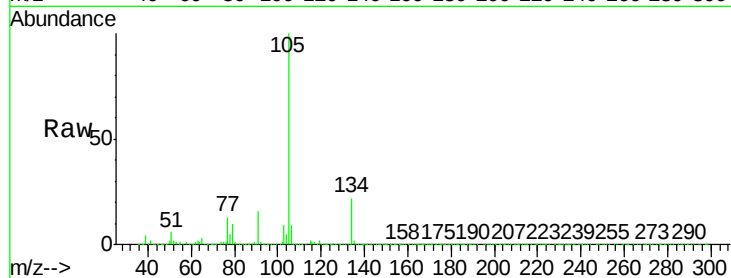
134 21.0 0.0 41.6

Manual Integrations

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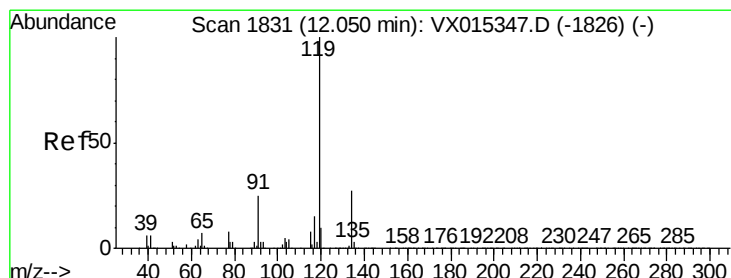
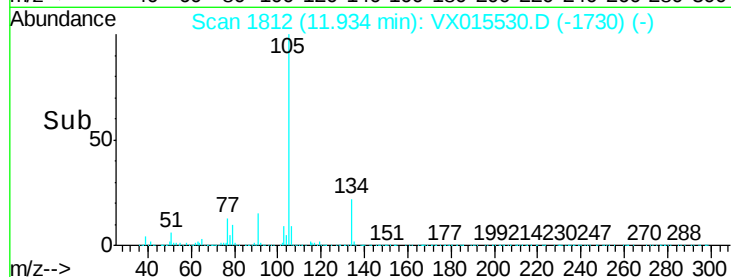
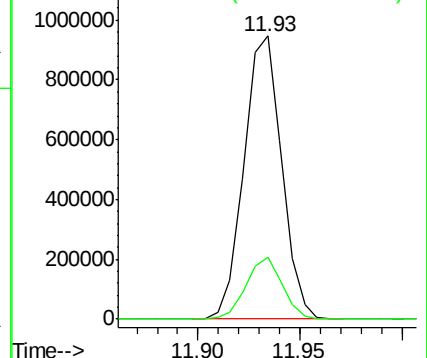
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.615 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

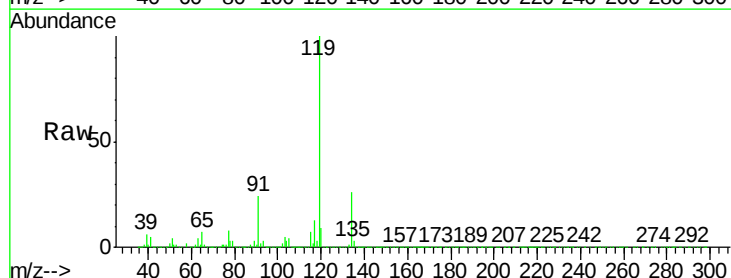
Tgt Ion:119 Resp: 1160780

Ion Ratio Lower Upper

119 100

134 25.6 0.0 53.2

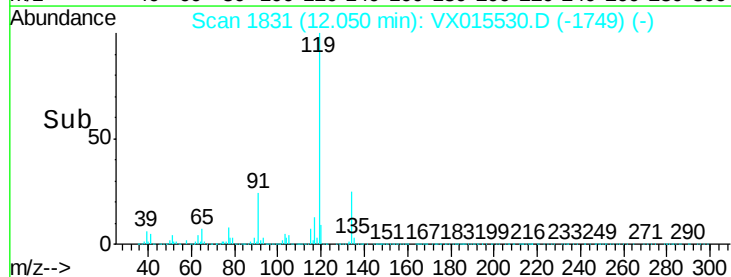
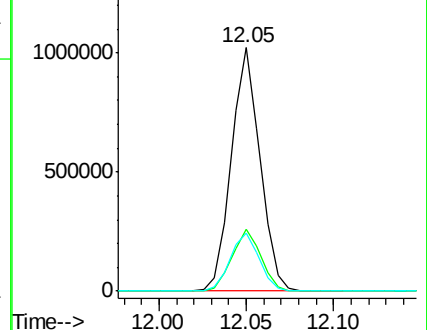
91 24.2 0.0 48.2

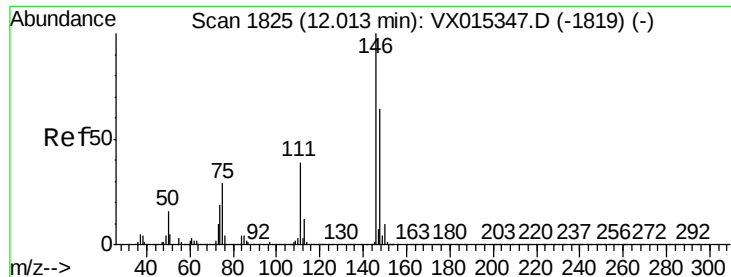


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





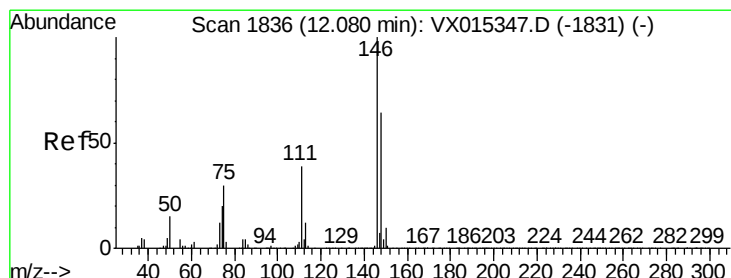
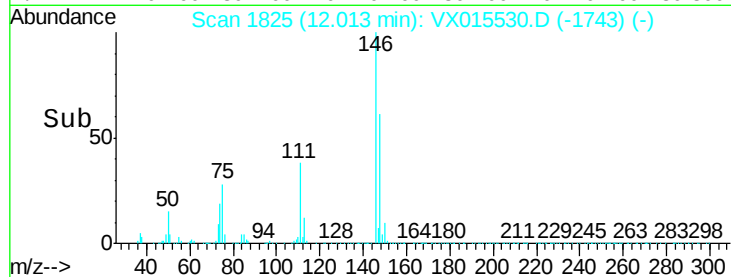
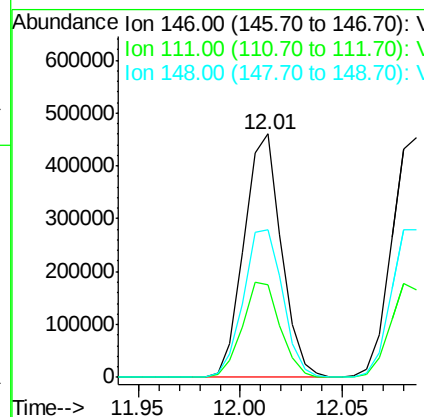
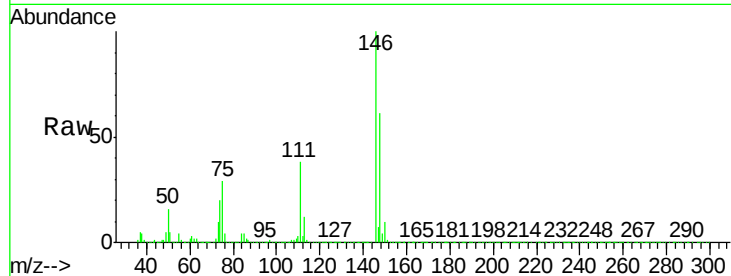
#83
1,3-Dichlorobenzene
Concen: 18.011 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.1	60.2
148	63.9	31.4	94.2

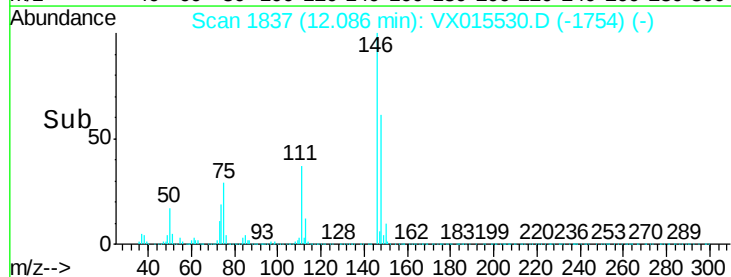
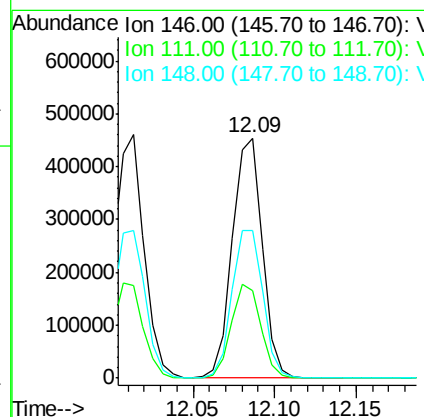
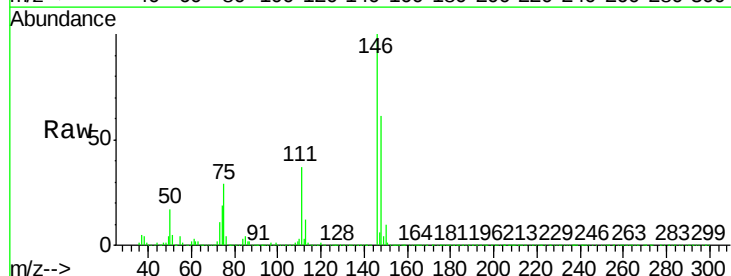
Manual Integrations
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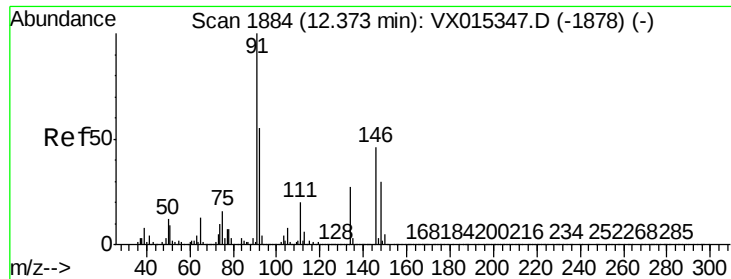
MMDadoda
4/8/2020 11:12:05 AM



#84
1,4-Dichlorobenzene
Concen: 17.971 ug/l
RT: 12.09 min Scan# 1837
Delta R.T. 0.01 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.9	56.9
148	63.0	31.4	94.3





#85

n-Butylbenzene

Concen: 19.242 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 1069488

Ion Ratio Lower Upper

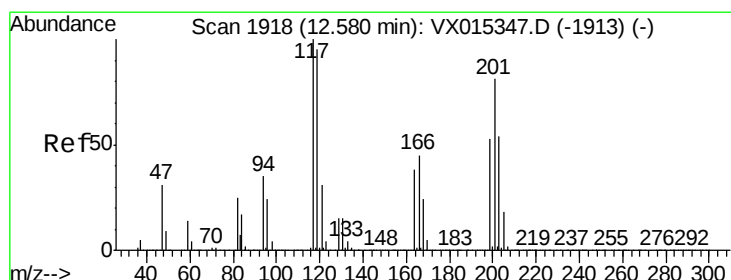
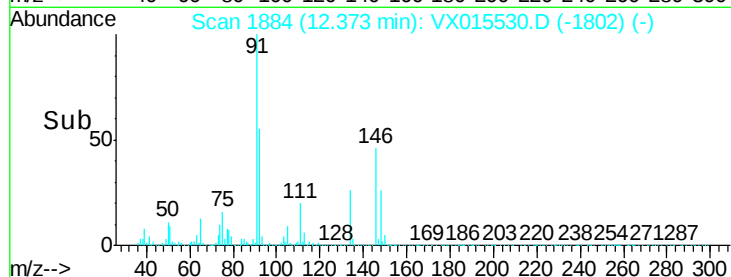
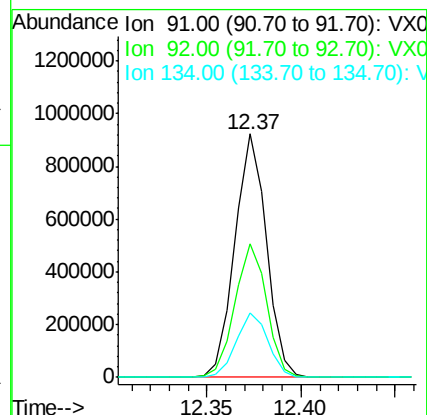
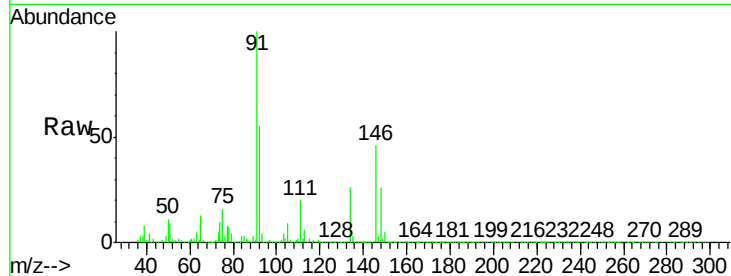
91 100

92 55.3 0.0 109.0

134 26.8 0.0 54.0

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#86

Hexachloroethane

Concen: 16.915 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VX015530.D

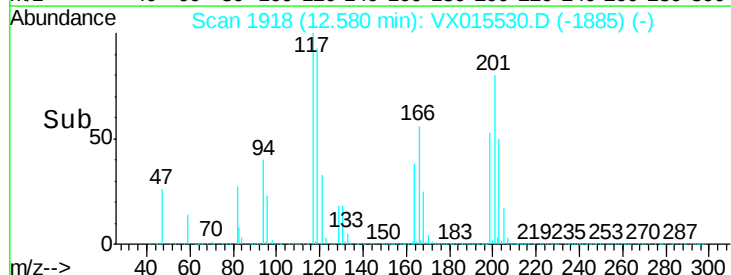
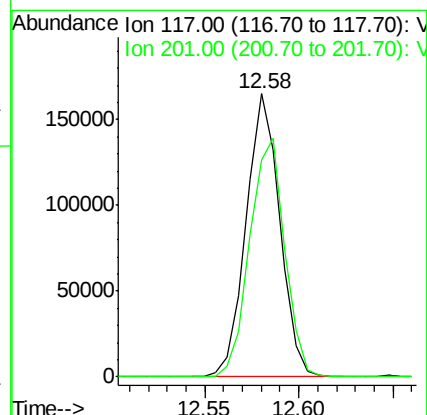
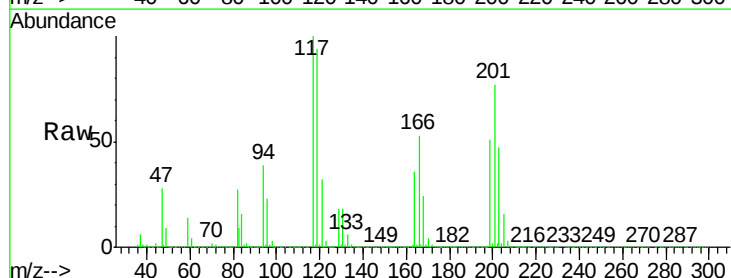
Acq: 07 Apr 2020 11:29

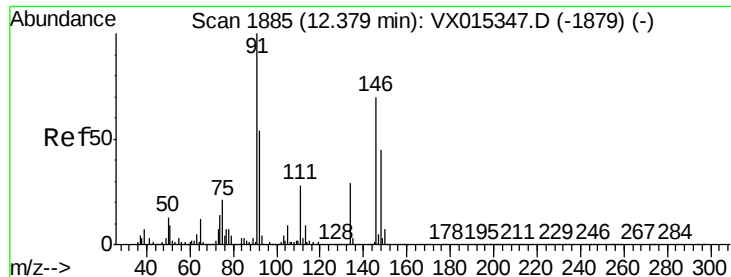
Tgt Ion: 117 Resp: 203853

Ion Ratio Lower Upper

117 100

201 87.8 44.9 134.5





#87

1,2-Dichlorobenzene

Concen: 18.069 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

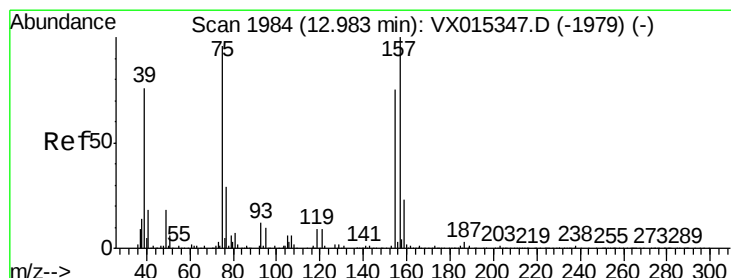
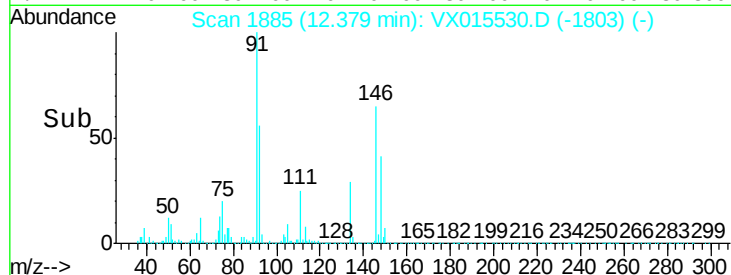
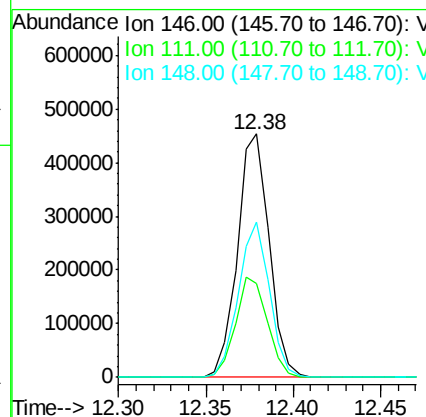
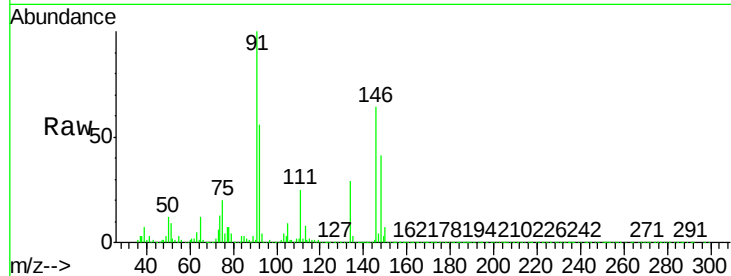
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100	571759		
111	41.1	20.4	61.2	
148	62.2	31.9	95.9	

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 16.115 ug/l

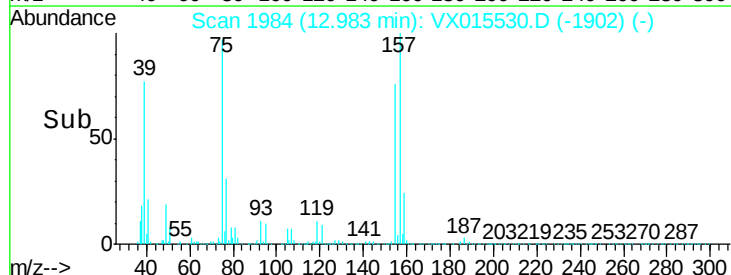
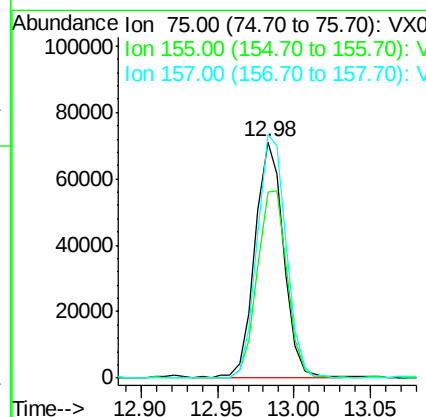
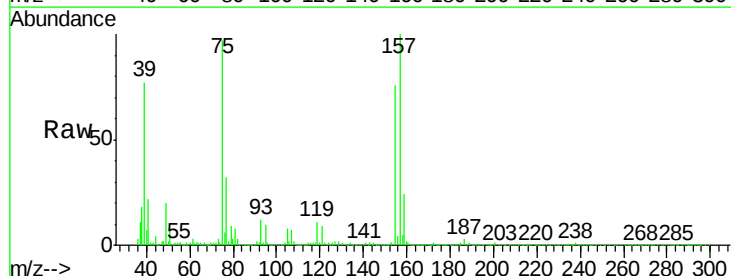
RT: 12.98 min Scan# 1984

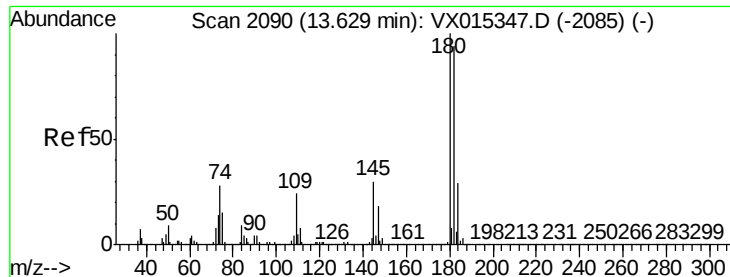
Delta R.T. 0.00 min

Lab File: VX015530.D

Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	92446		
155	82.6	67.7	101.5	
157	104.2	88.5	132.7	





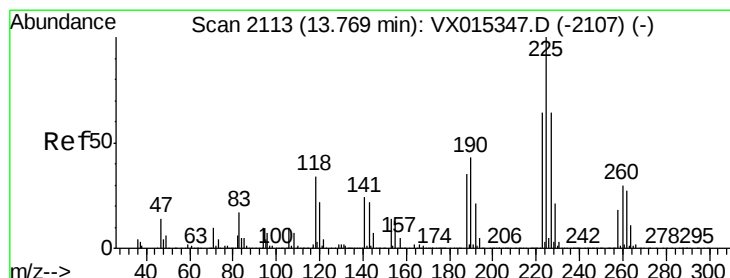
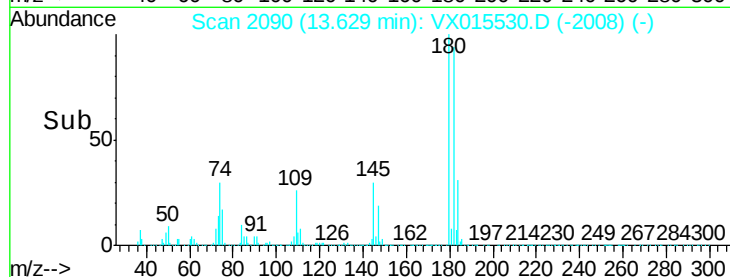
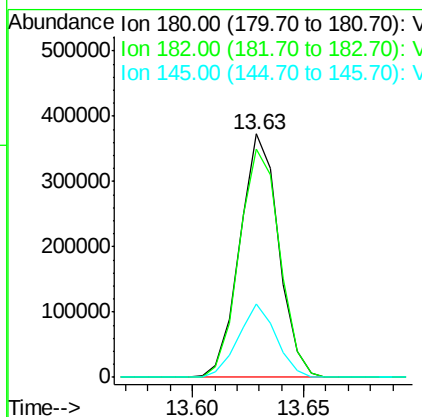
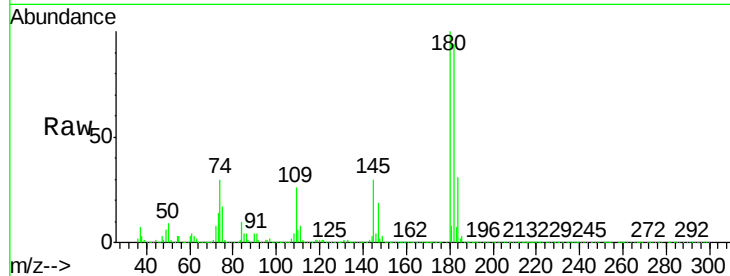
#89
 1,2,4-Trichlorobenzene
 Concen: 17.841 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	454801		
182	97.4	76.9	115.3	
145	29.4	24.3	36.5	

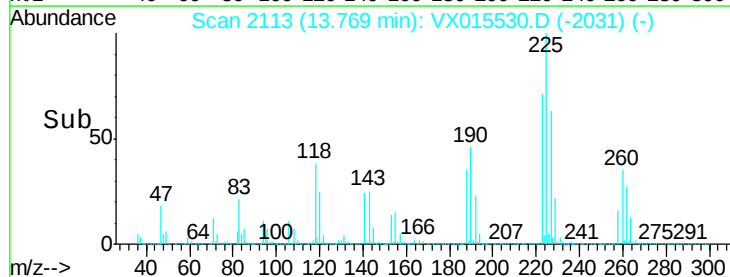
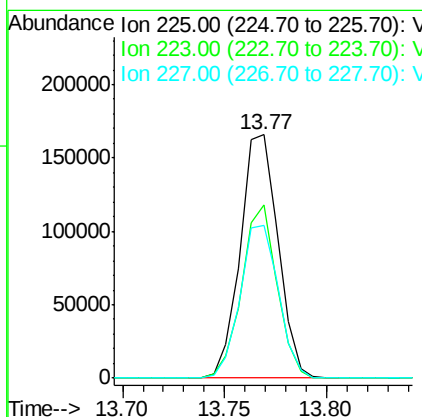
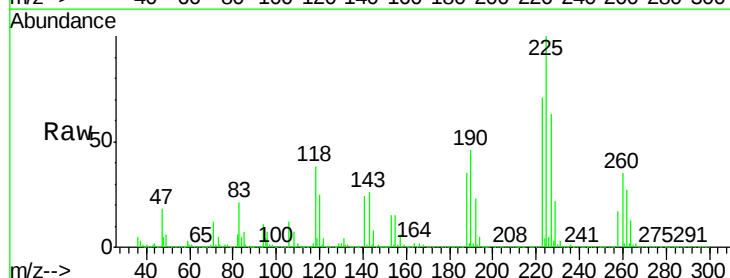
Manual Integrations
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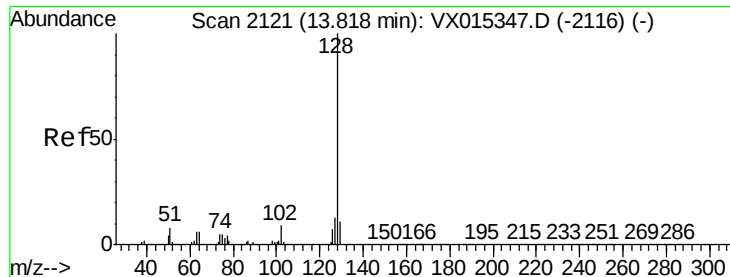
MMDadoda
 4/8/2020 11:12:05 AM



#90
 Hexachlorobutadiene
 Concen: 15.934 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015530.D
 Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	213969		
223	66.0	0.0	127.0	
227	63.7	0.0	126.8	





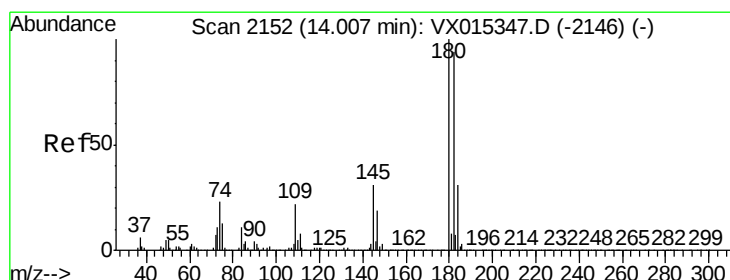
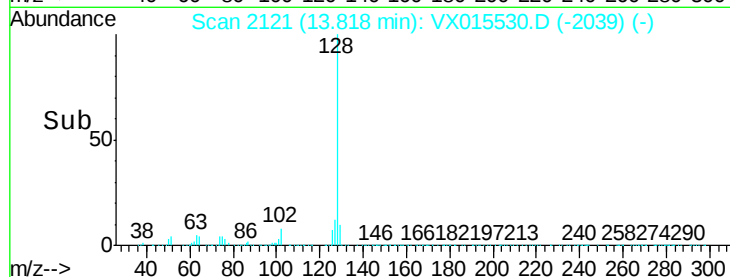
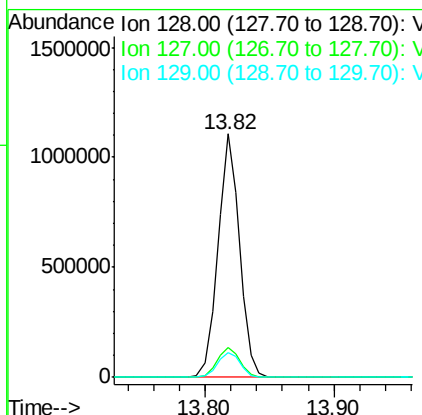
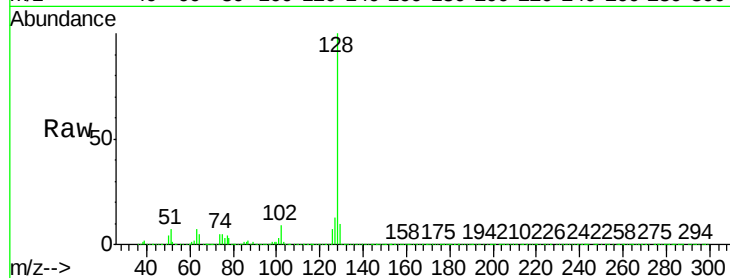
#91
Naphthalene
Concen: 17.632 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.935 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015530.D
Acq: 07 Apr 2020 11:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.3	0.0	191.0
145	30.7	0.0	62.2

