

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015154.D
 Acq On : 09 Mar 2020 19:30
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2020 4:45:09 PM

Quant Time: Mar 10 11:49:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	353344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	550767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	511725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	278252	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	203639	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.49	113	168364	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
50) Toluene-d8	8.71	98	638458	48.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.62%	
62) 4-Bromofluorobenzene	11.13	95	233222	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	143958	46.526	ug/l	99
3) Chloromethane	1.32	50	205166	46.810	ug/l	99
4) Vinyl Chloride	1.40	62	211357	47.557	ug/l	100
5) Bromomethane	1.63	94	123752	45.292	ug/l	95
6) Chloroethane	1.72	64	122756	46.046	ug/l	99
7) Trichlorofluoromethane	1.92	101	236710	44.762	ug/l	99
8) Diethyl Ether	2.18	74	111165	46.412	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140775	42.312	ug/l	99
10) Methyl Iodide	2.50	142	175908	46.798	ug/l	99
11) Tert butyl alcohol	3.03	59	198520	272.953	ug/l	100
12) 1,1-Dichloroethene	2.37	96	150824	43.924	ug/l	95
13) Acrolein	2.28	56	168475	246.491	ug/l	99
14) Allyl chloride	2.72	41	297287	49.654	ug/l	100
15) Acrylonitrile	3.13	53	486002	268.319	ug/l	99
16) Acetone	2.43	43	373305	219.892	ug/l	98
17) Carbon Disulfide	2.56	76	446811	46.856	ug/l	100
18) Methyl Acetate	2.76	43	209223	50.402	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	554826	51.708	ug/l	100
20) Methylene Chloride	2.85	84	189999	47.822	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	179109	48.851	ug/l	98
22) Diisopropyl ether	3.84	45	613195	51.406	ug/l	100
23) Vinyl Acetate	3.80	43	2640027	269.244	ug/l	99
24) 1,1-Dichloroethane	3.69	63	330597	49.936	ug/l	99
25) 2-Butanone	4.66	43	654261	263.243	ug/l	98
26) 2,2-Dichloropropane	4.58	77	232266	44.194	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	201956	49.099	ug/l	99
28) Bromochloromethane	5.01	49	154221	51.157	ug/l	100
29) Tetrahydrofuran	5.11	42	432975	270.253	ug/l	98
30) Chloroform	5.20	83	322930	50.046	ug/l	99
31) Cyclohexane	5.58	56	281543	47.677	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	273882	51.204	ug/l	98
36) 1,1-Dichloropropene	5.79	75	240067	47.150	ug/l	99
37) Ethyl Acetate	4.82	43	262369	55.551	ug/l	99
38) Carbon Tetrachloride	5.78	117	233153	48.512	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	274562	46.181	ug/l	99
40) Benzene	6.14	78	741257	49.070	ug/l	99
41) Methacrylonitrile	5.03	41	145667	51.347	ug/l	99
42) 1,2-Dichloroethane	6.18	62	258960	49.919	ug/l	100
43) Isopropyl Acetate	6.43	43	433747	52.204	ug/l	99
44) Trichloroethene	7.20	130	207778	49.389	ug/l	95
45) 1,2-Dichloropropane	7.51	63	193624	49.519	ug/l	99
46) Dibromomethane	7.65	93	126888	49.804	ug/l	98
47) Bromodichloromethane	7.89	83	252121	50.042	ug/l	96
48) Methyl methacrylate	7.76	41	215091	50.863	ug/l	100
49) 1,4-Dioxane	7.73	88	93698	1024.785	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1341248	273.024	ug/l	100
52) Toluene	8.78	92	467309	50.594	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	276346	51.532	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	305091	50.325	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	191887	50.474	ug/l	99
56) Ethyl methacrylate	9.17	69	295818	54.553	ug/l	99
57) 1,3-Dichloropropane	9.37	76	321861	50.323	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	773919	261.982	ug/l	100
59) 2-Hexanone	9.48	43	1001247	274.983	ug/l	99
60) Dibromochloromethane	9.57	129	205660	51.499	ug/l	100
61) 1,2-Dibromoethane	9.67	107	198816	49.790	ug/l	99
64) Tetrachloroethene	9.33	164	198705	46.964	ug/l	98
65) Chlorobenzene	10.14	112	505451	49.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	189483	48.913	ug/l	99
67) Ethyl Benzene	10.25	91	896349	51.380	ug/l	100
68) m/p-Xylenes	10.35	106	682583	102.838	ug/l	99
69) o-Xylene	10.70	106	327043	51.463	ug/l	99
70) Styrene	10.71	104	570375	52.346	ug/l	100
71) Bromoform	10.85	173	154047	51.279	ug/l #	100
73) Isopropylbenzene	11.01	105	878022	49.397	ug/l	99
74) N-amyl acetate	10.89	43	379970	50.724	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	283344	47.832	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	231892m	41.780	ug/l	
77) Bromobenzene	11.25	156	232135	46.861	ug/l	99
78) n-propylbenzene	11.35	91	1012578	49.863	ug/l	100
79) 2-Chlorotoluene	11.42	91	588897	48.559	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	720199	48.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	93919	48.023	ug/l	98
82) 4-Chlorotoluene	11.51	91	688995	48.088	ug/l	100
83) tert-Butylbenzene	11.76	119	715207	49.988	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	726785	48.892	ug/l	99
85) sec-Butylbenzene	11.94	105	852844	49.378	ug/l	99
86) p-Isopropyltoluene	12.06	119	785192	49.344	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	410931	47.188	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	420916	46.817	ug/l	98
89) n-Butylbenzene	12.39	91	688596	48.654	ug/l	100
90) Hexachloroethane	12.59	117	140050	46.554	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	401433	46.366	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	60360	50.885	ug/l	97

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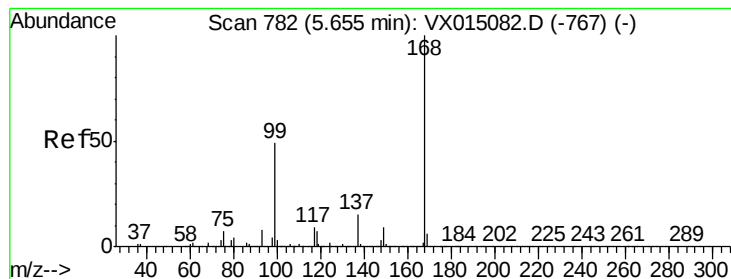
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	289705	48.206	ug/l	98
94) Hexachlorobutadiene	13.78	225	136487	44.258	ug/l	99
95) Naphthalene	13.83	128	858749	46.721	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	291635	48.637	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 353344

Ion Ratio Lower Upper

168 100

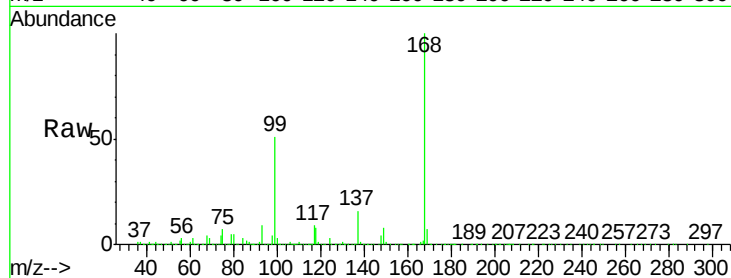
99 50.6 39.4 59.2

Manual Integrations

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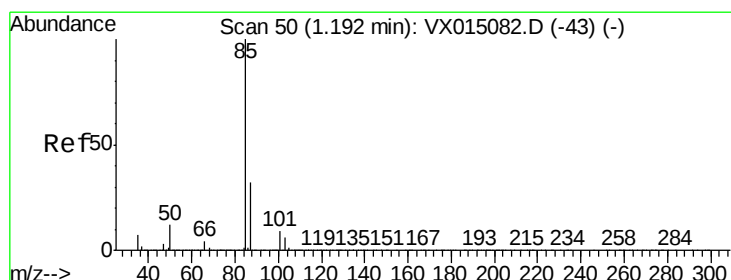
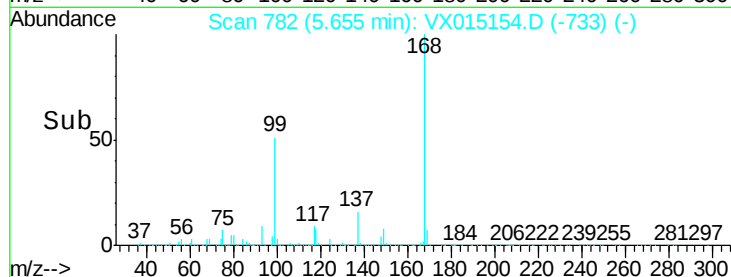
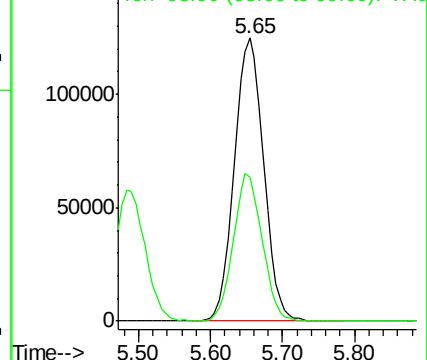
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.526 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015154.D

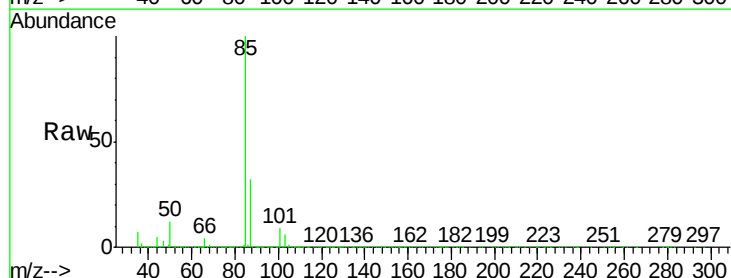
Acq: 09 Mar 2020 19:30

Tgt Ion: 85 Resp: 143958

Ion Ratio Lower Upper

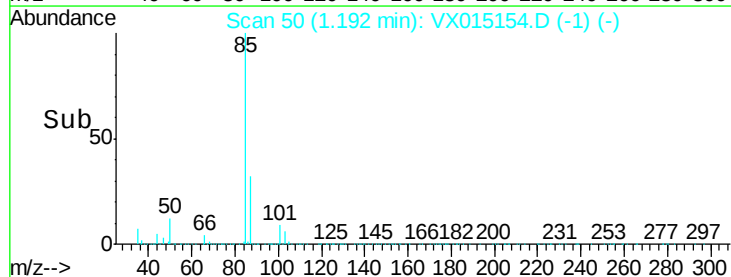
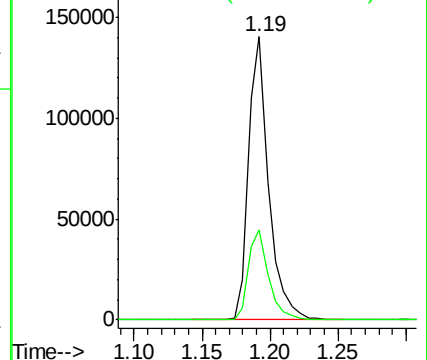
85 100

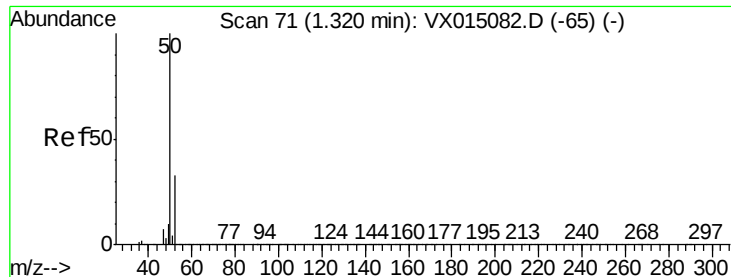
87 31.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.810 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 205166

Ion Ratio Lower Upper

50 100

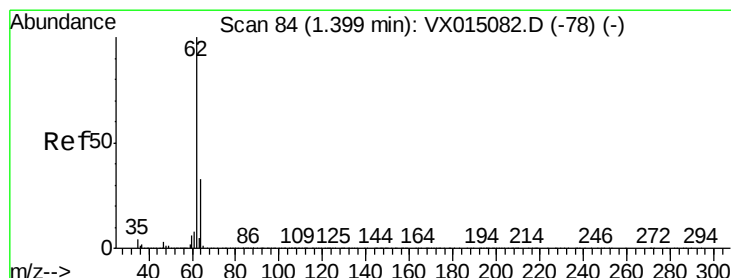
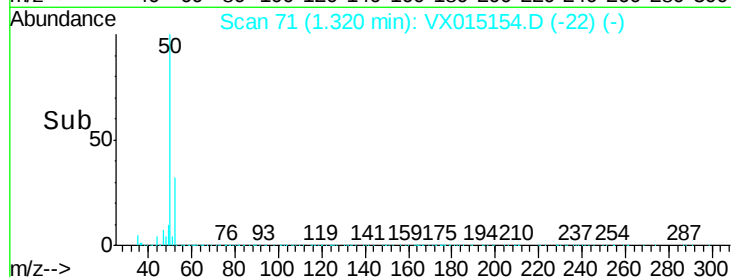
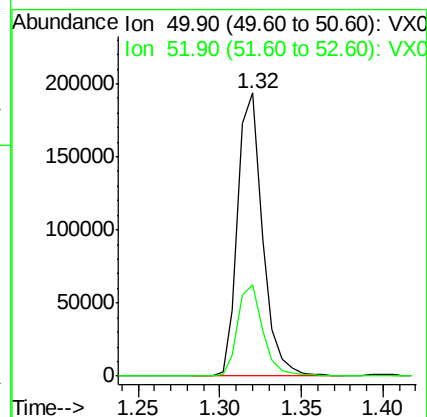
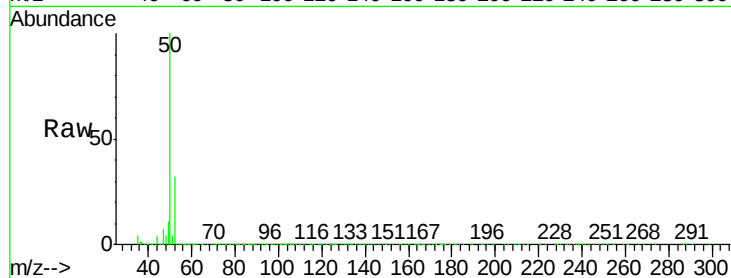
52 32.0 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.557 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX015154.D

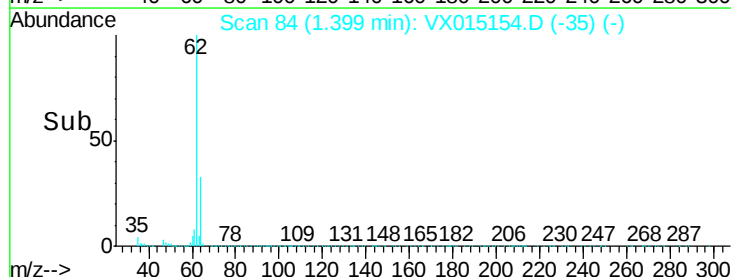
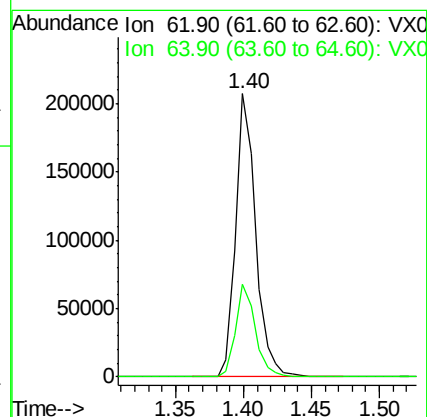
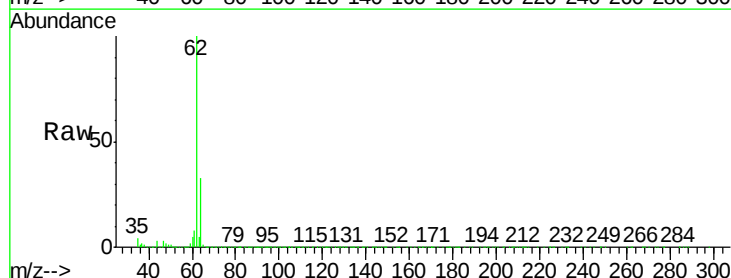
Acq: 09 Mar 2020 19:30

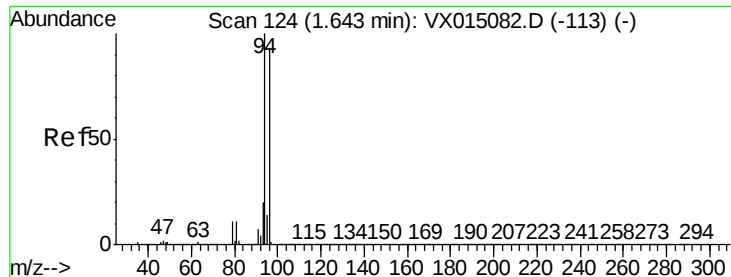
Tgt Ion: 62 Resp: 211357

Ion Ratio Lower Upper

62 100

64 32.7 26.1 39.1





#5

Bromomethane

Concen: 45.292 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 123752

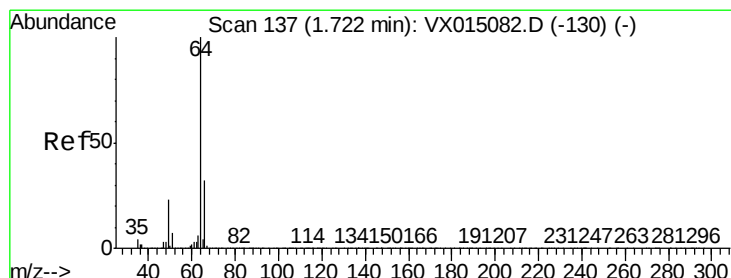
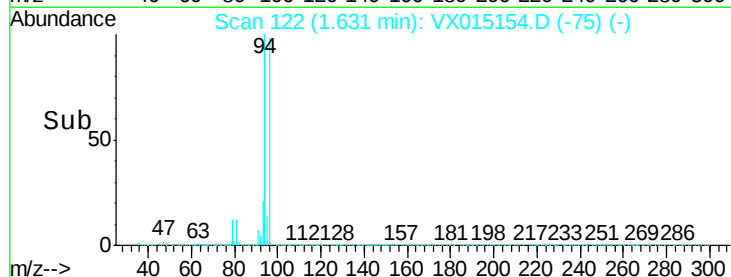
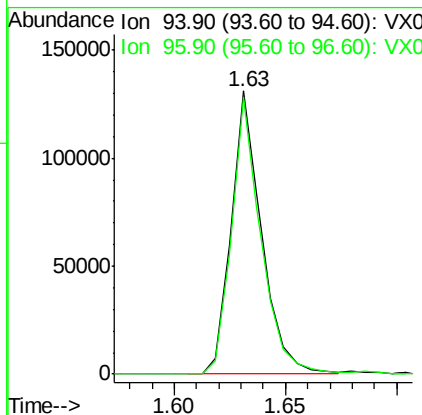
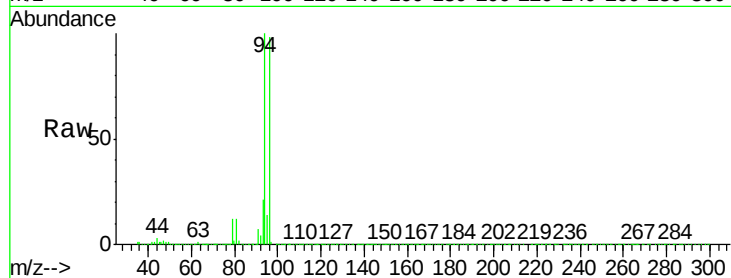
Ion Ratio Lower Upper

94 100

96 97.7 74.6 111.8

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#6

Chloroethane

Concen: 46.046 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015154.D

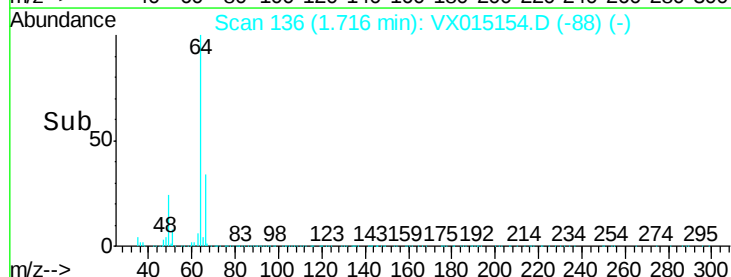
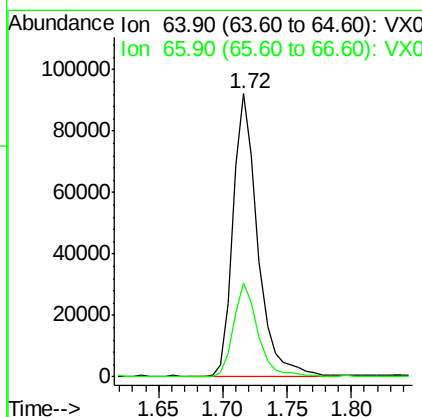
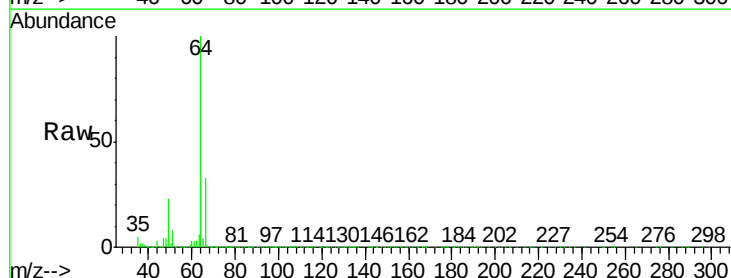
Acq: 09 Mar 2020 19:30

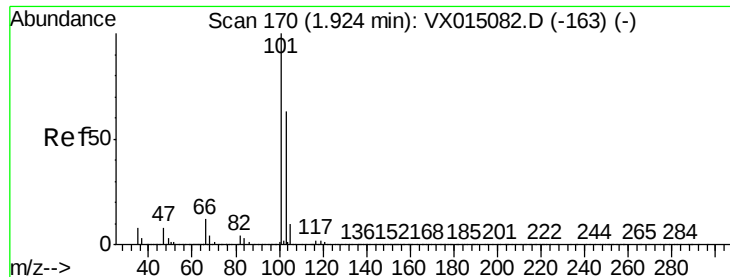
Tgt Ion: 64 Resp: 122756

Ion Ratio Lower Upper

64 100

66 32.9 25.8 38.8





#7

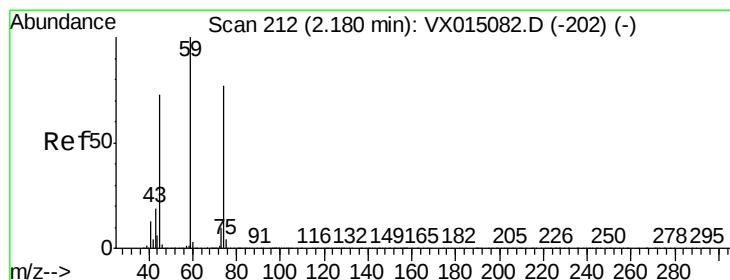
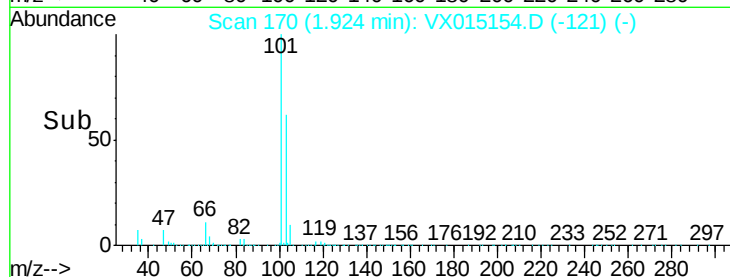
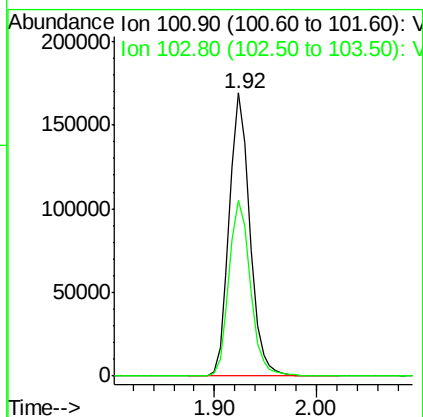
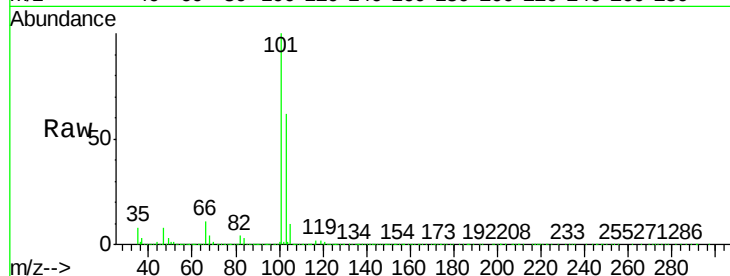
Trichlorofluoromethane
Concen: 44.762 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	50.4	75.6

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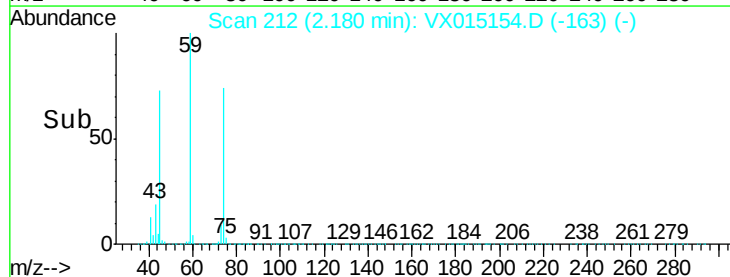
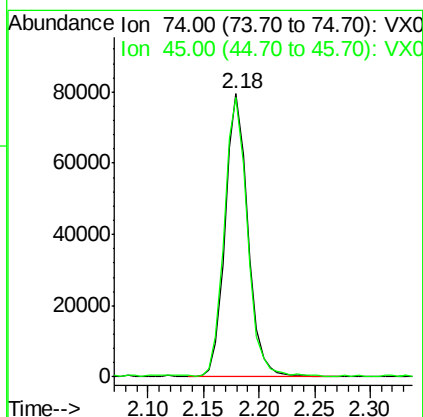
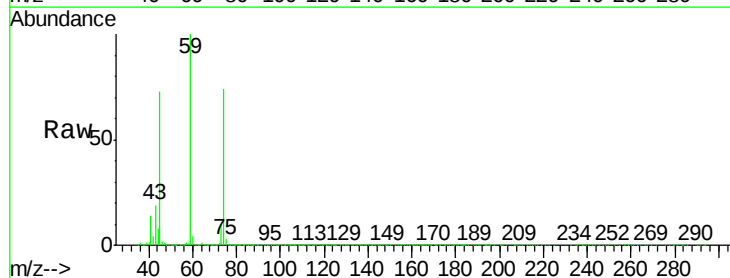
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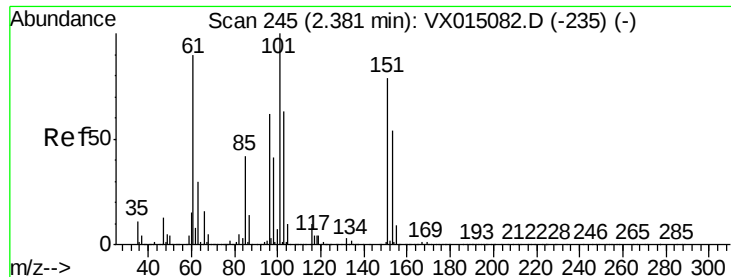


#8

Diethyl Ether
Concen: 46.412 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.312 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

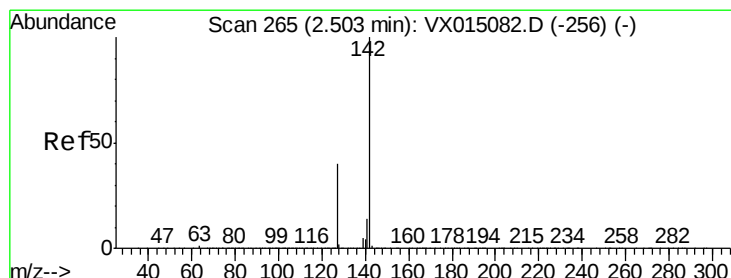
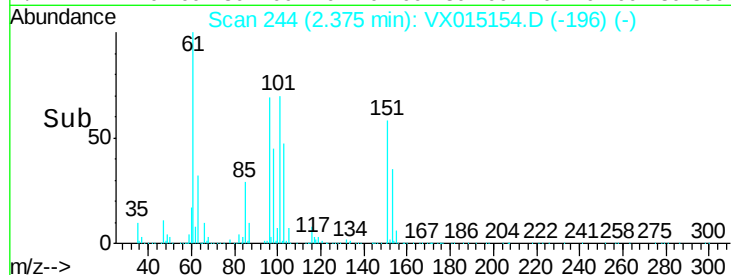
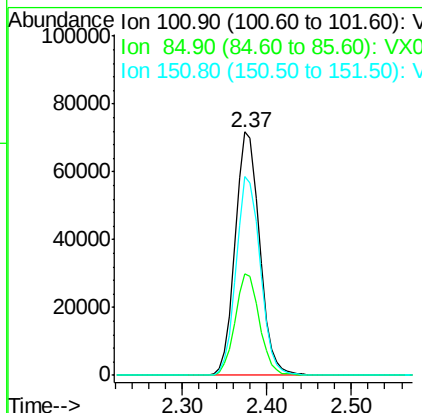
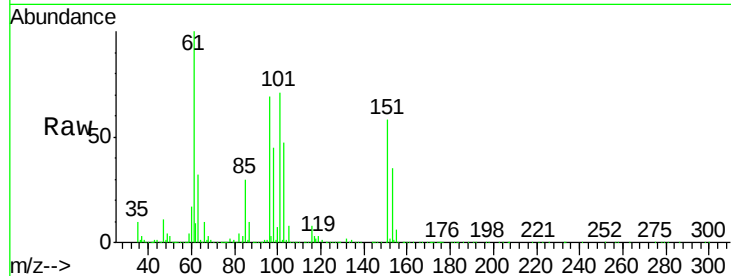
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	140775
Ion Ratio	Lower	Upper	
101	100		
85	41.0	33.7	50.5
151	80.5	64.0	96.0

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#10

Methyl Iodide

Concen: 46.798 ug/l

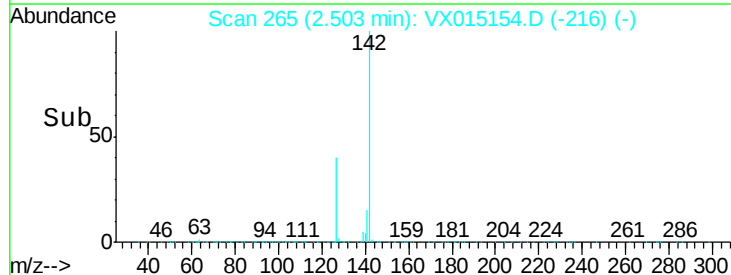
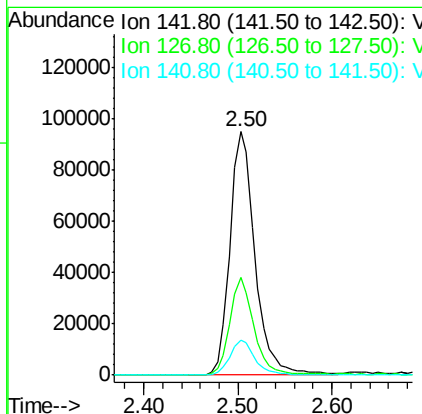
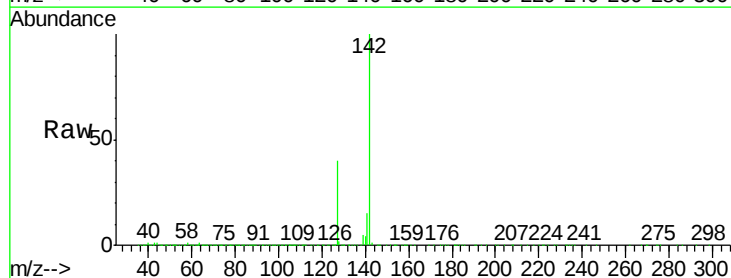
RT: 2.50 min Scan# 265

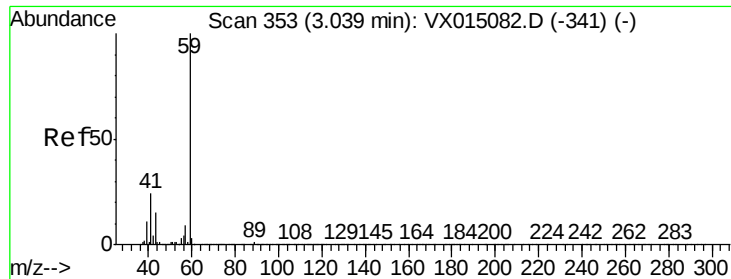
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	142	Resp:	175908
Ion Ratio	Lower	Upper	
142	100		
127	38.6	31.7	47.5
141	14.3	11.3	16.9





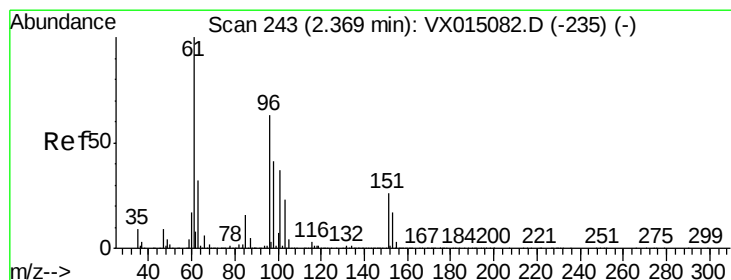
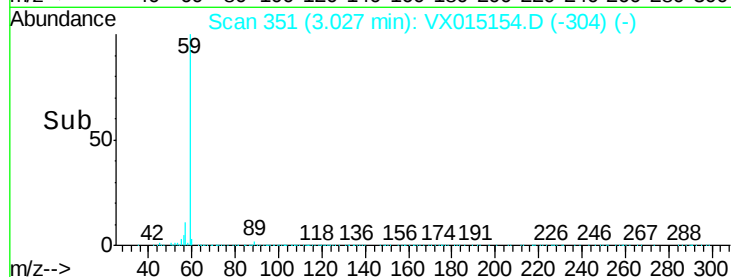
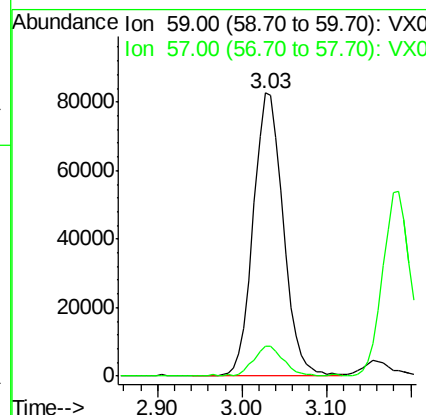
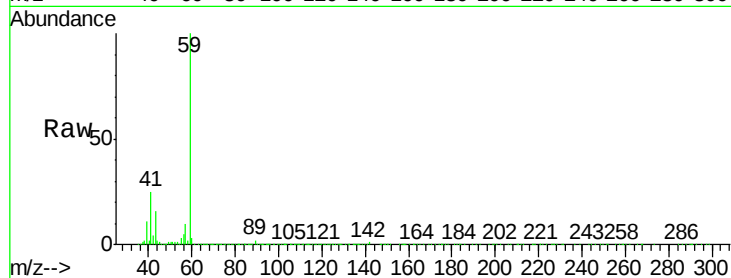
#11
Tert butyl alcohol
Concen: 272.953 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

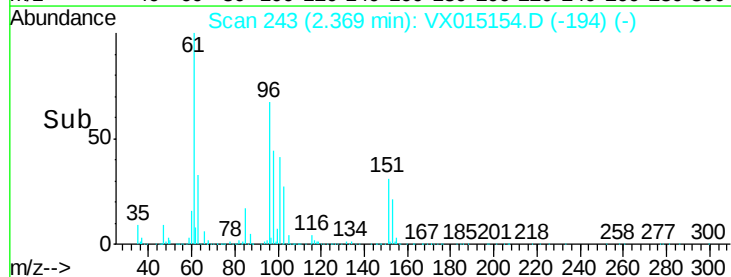
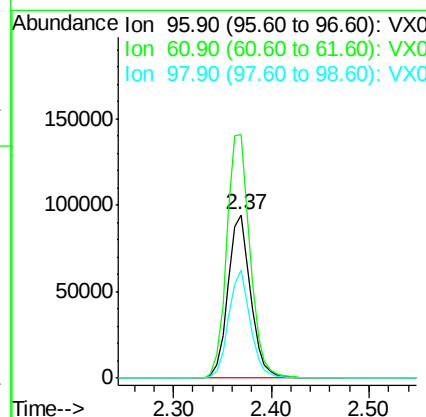
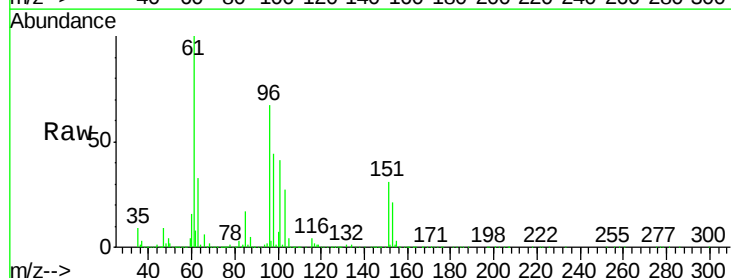
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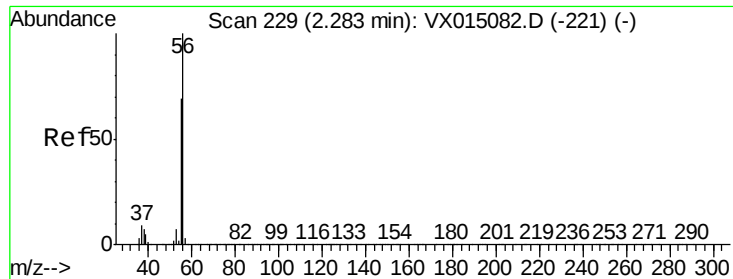
MMDadoda
3/11/2020 4:45:09 PM



#12
1,1-Dichloroethene
Concen: 43.924 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.0	126.2	189.4
98	65.8	51.4	77.0





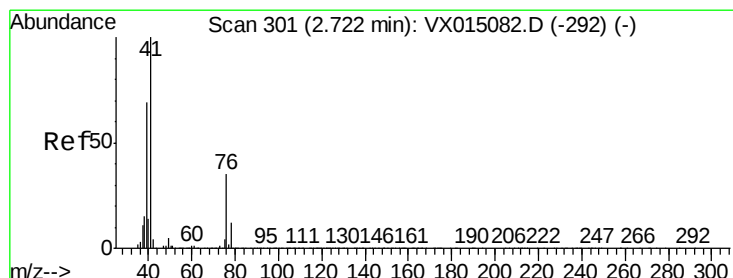
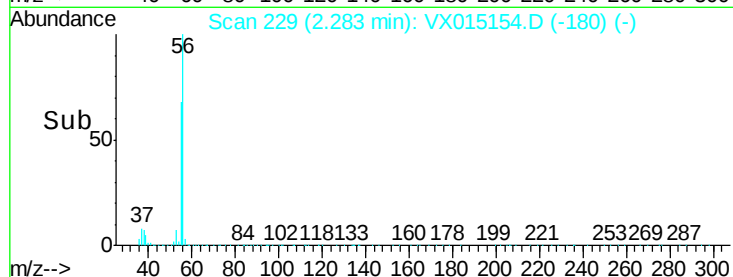
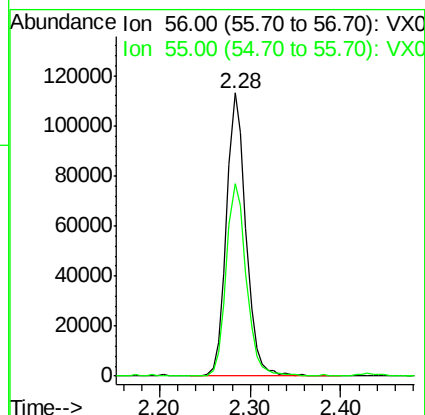
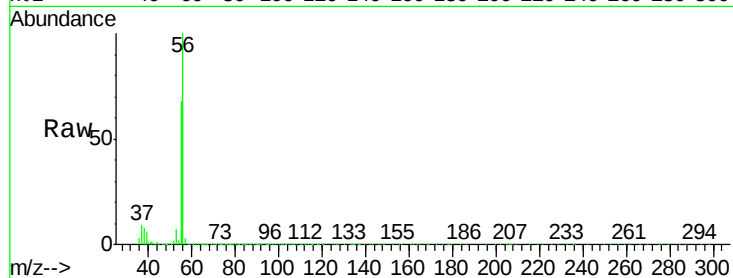
#13
Acrolein
Concen: 246.491 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	55.4	83.0

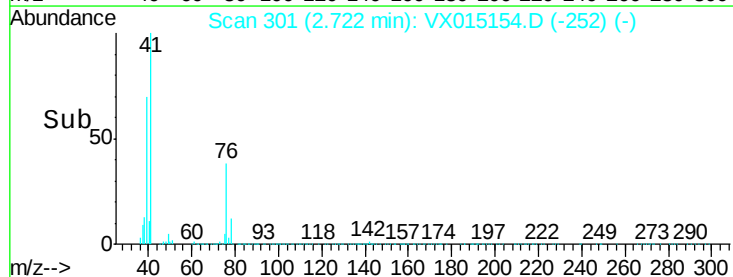
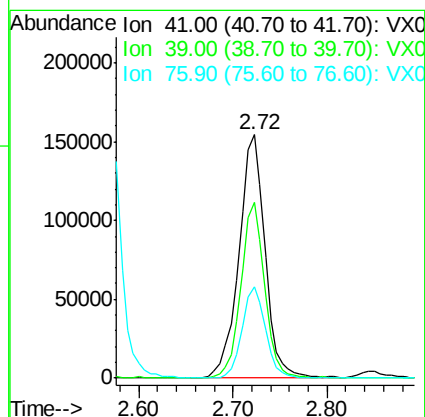
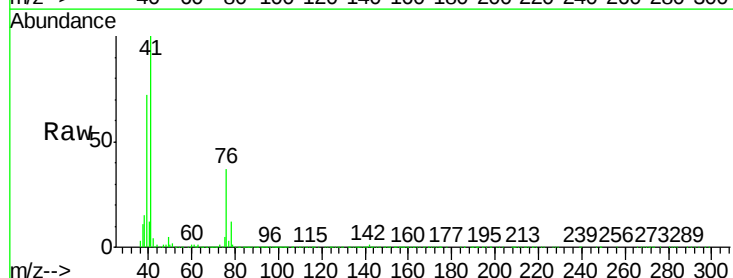
Manual Integrations
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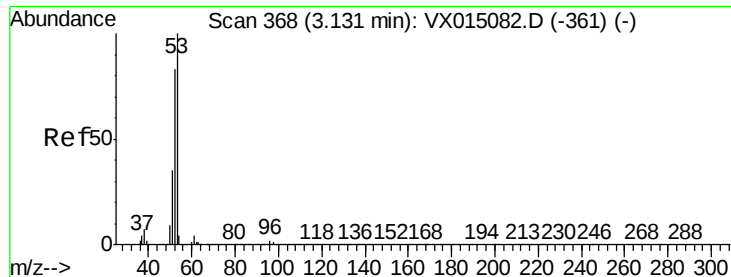
MMDadoda
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#14
Allyl chloride
Concen: 49.654 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.7	52.9	79.3
76	33.3	26.8	40.2





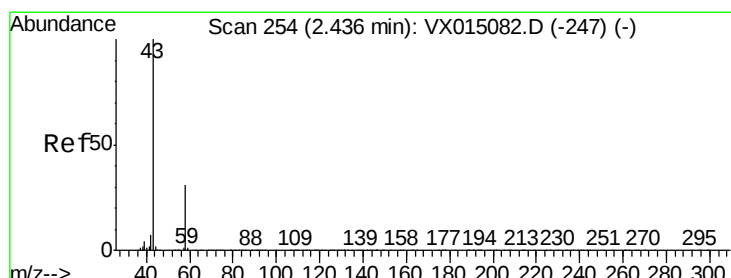
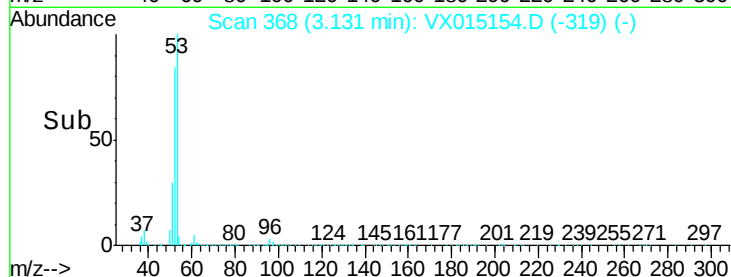
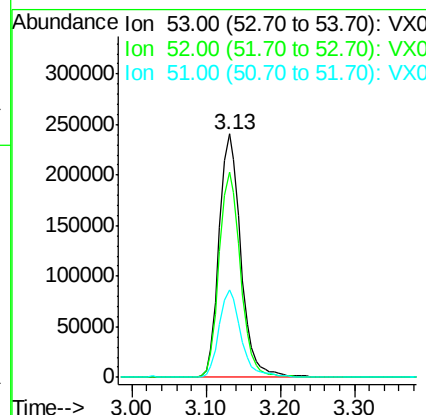
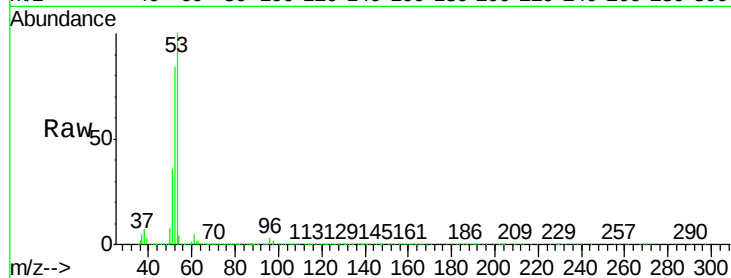
#15
 Acrylonitrile
 Concen: 268.319 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	486002
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.6	100.0
51	36.1	29.0	43.6

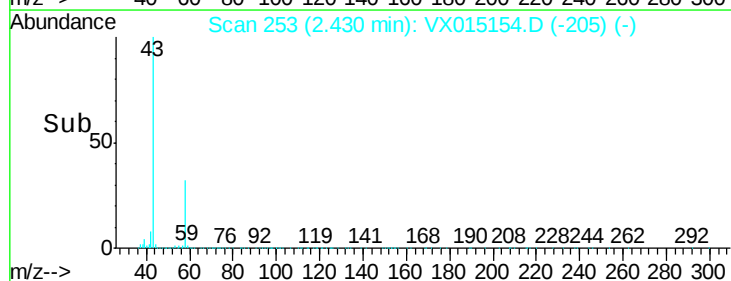
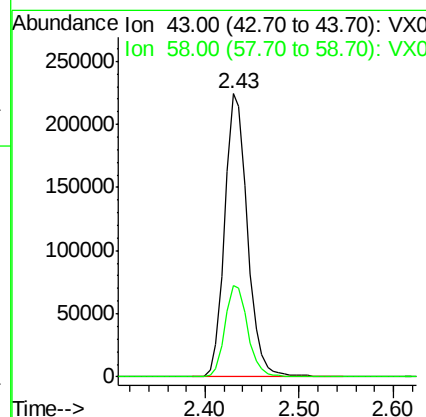
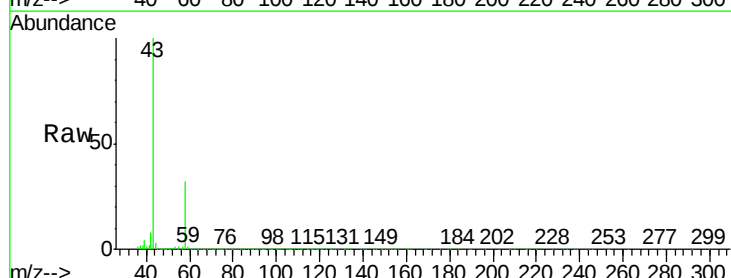
Manual Integrations
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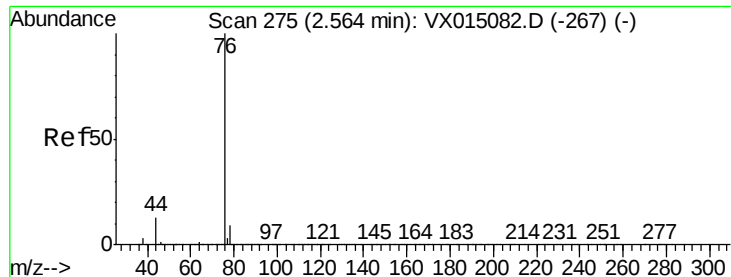
MMDadoda
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#16
 Acetone
 Concen: 219.892 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion:	43	Resp:	373305
Ion	Ratio	Lower	Upper
43	100		
58	32.2	24.8	37.2





#17

Carbon Disulfide

Concen: 46.856 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 446811

Ion Ratio Lower Upper

76 100

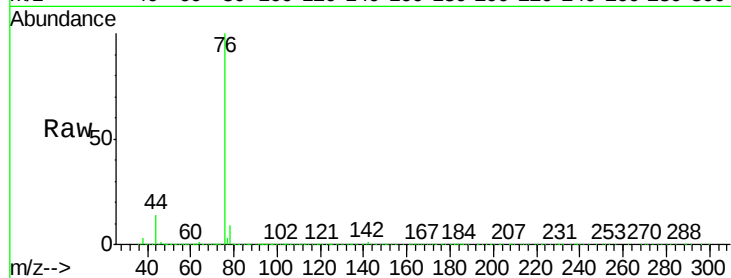
78 9.1 7.3 10.9

Manual Integrations

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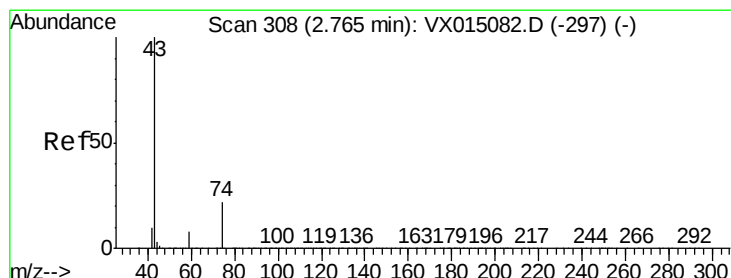
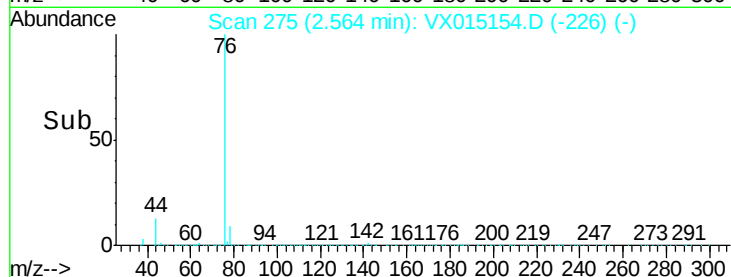
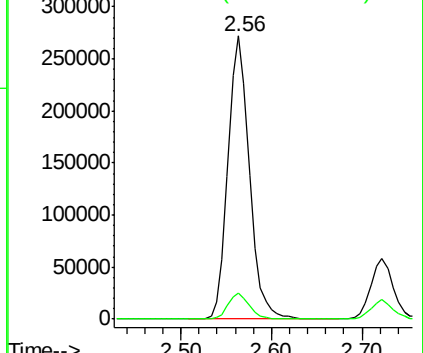
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.402 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015154.D

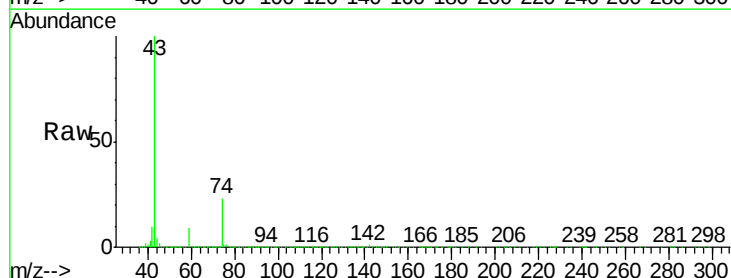
Acq: 09 Mar 2020 19:30

Tgt Ion: 43 Resp: 209223

Ion Ratio Lower Upper

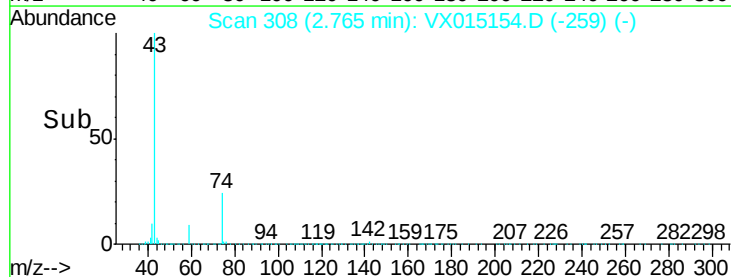
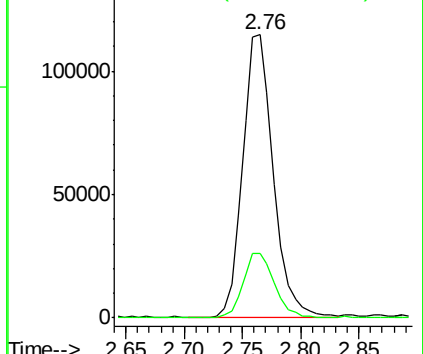
43 100

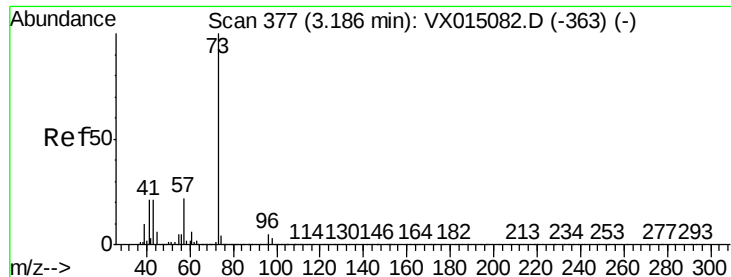
74 23.5 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





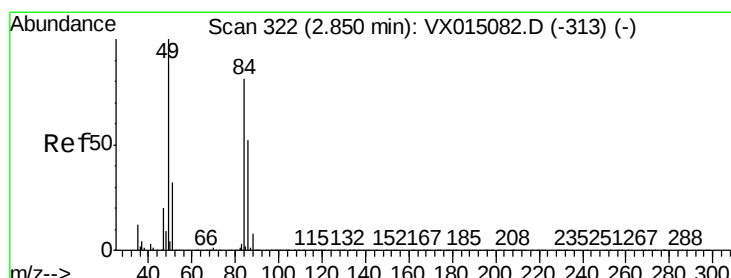
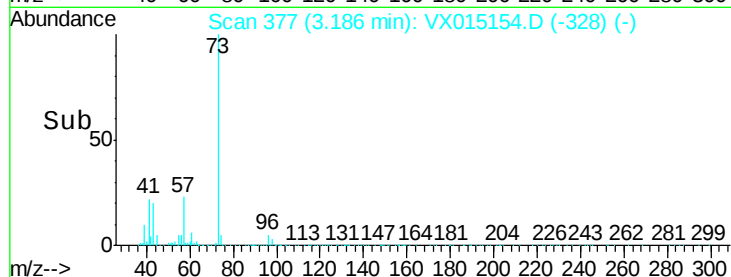
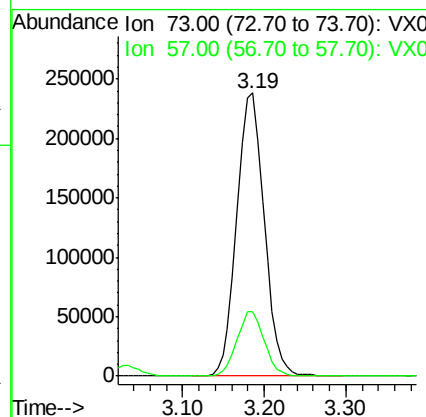
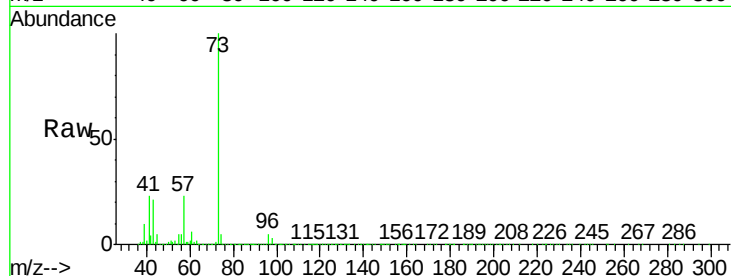
#19
Methvl tert-butvl Ether
Concen: 51.708 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.4	17.8	26.6

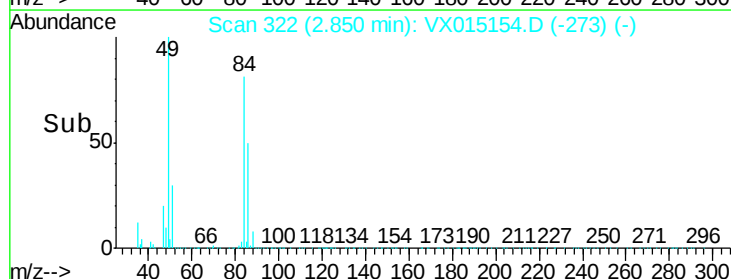
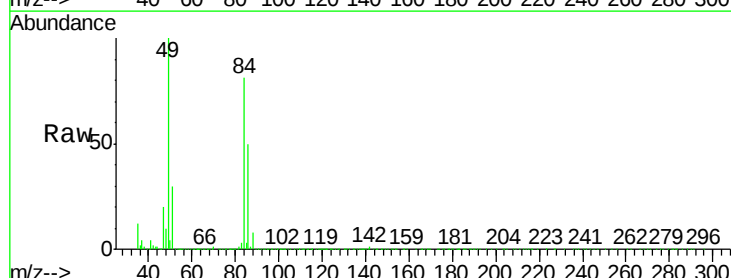
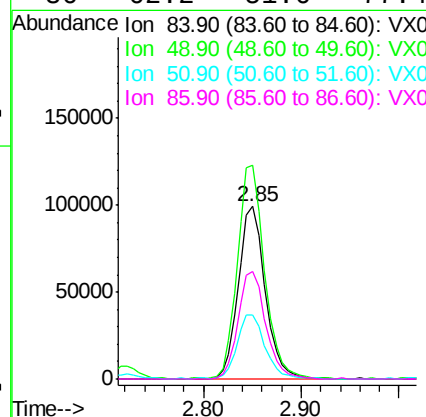
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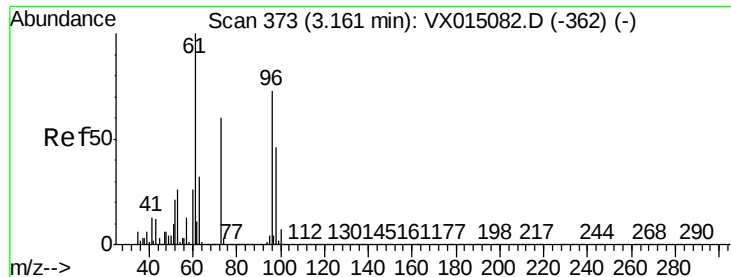
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#20
Methylene Chloride
Concen: 47.822 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	99.4	149.2
51	37.4	31.5	47.3
86	62.2	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 48.851 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 179109

Ion Ratio Lower Upper

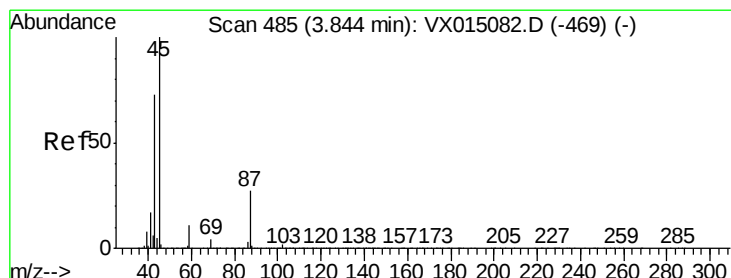
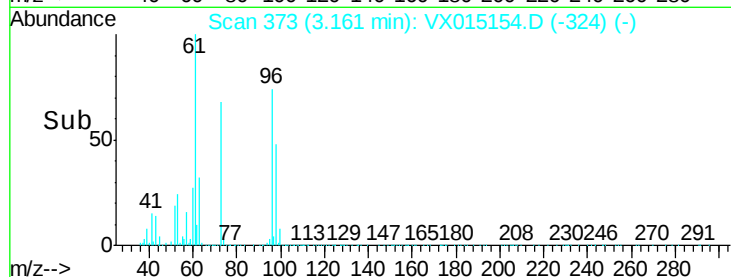
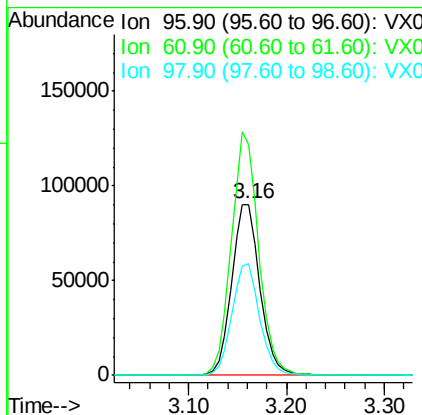
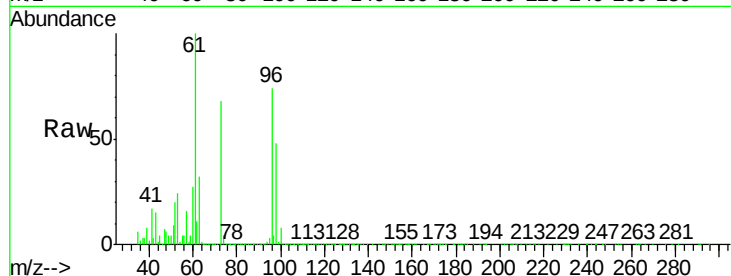
96 100

61 134.9 109.9 164.9

98 65.2 50.2 75.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.406 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion: 45 Resp: 613195

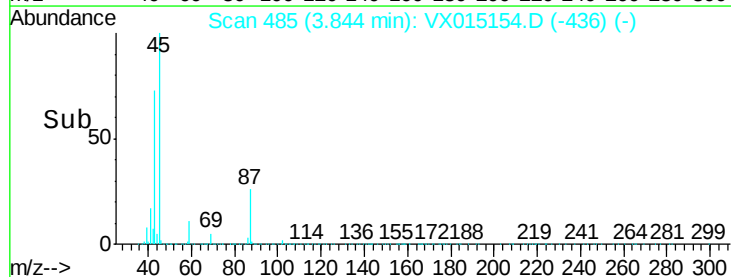
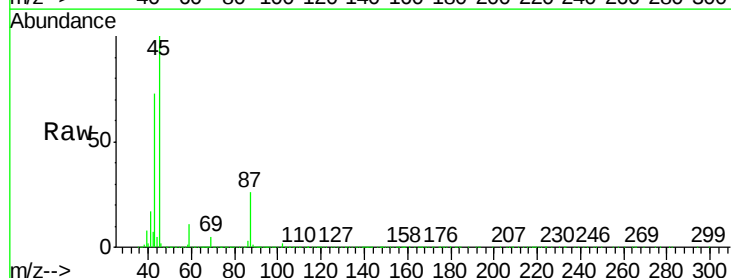
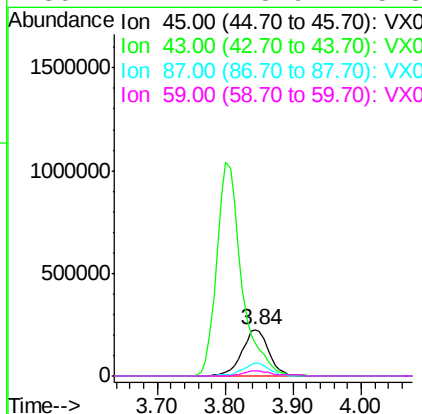
Ion Ratio Lower Upper

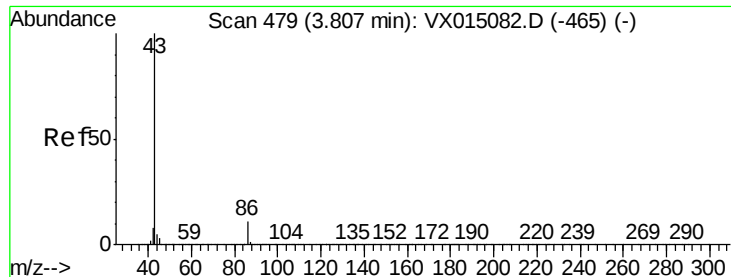
45 100

43 72.6 58.2 87.2

87 26.4 21.2 31.8

59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 269.244 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2640027

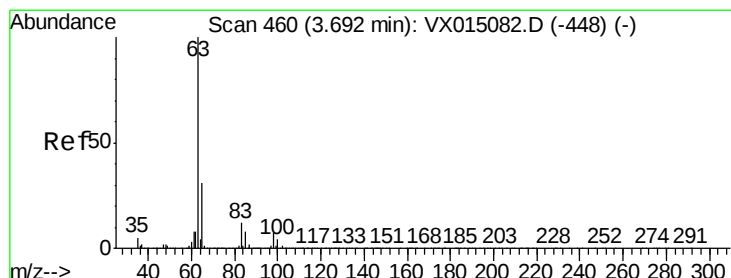
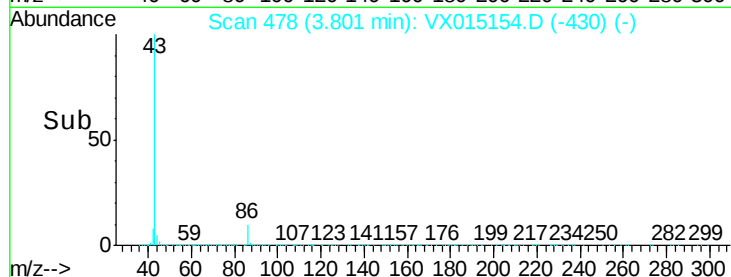
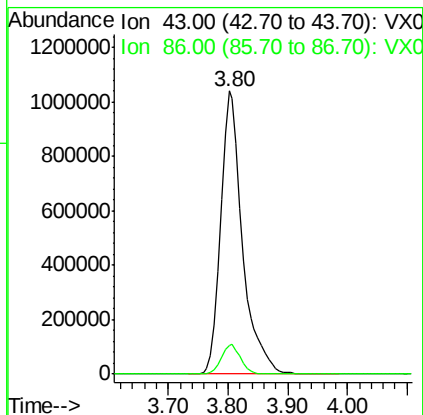
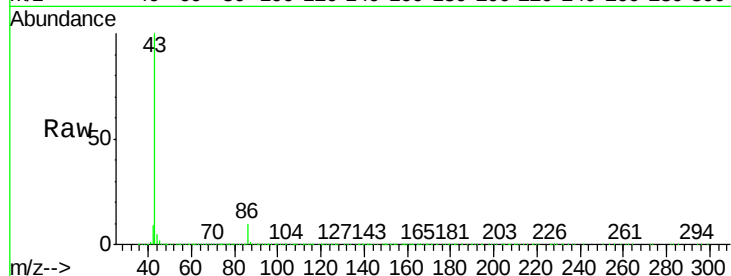
Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 49.936 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

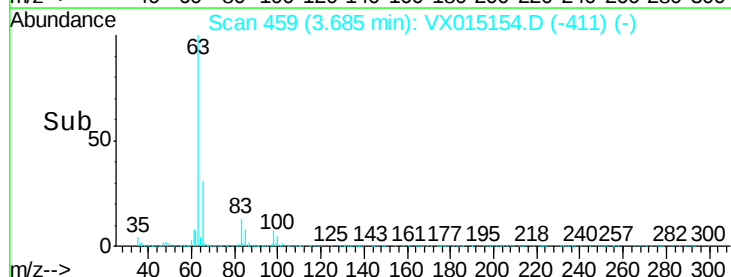
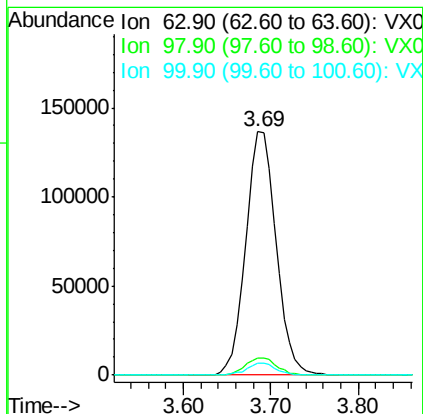
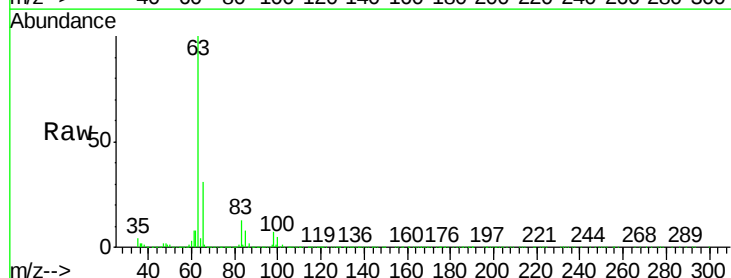
Tgt Ion: 63 Resp: 330597

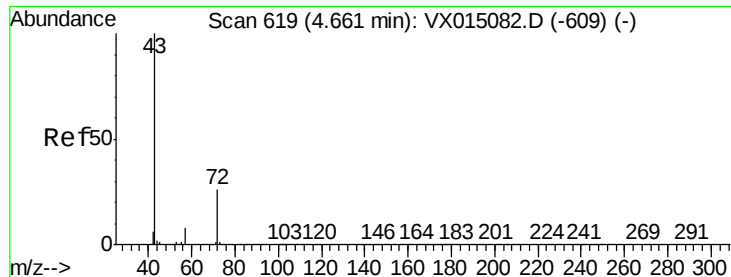
Ion Ratio Lower Upper

63 100

98 7.0 3.7 11.1

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 263.243 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tot Ion: 43 Resp: 654261

Ion Ratio Lower Upper

43 100

72 24.6 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

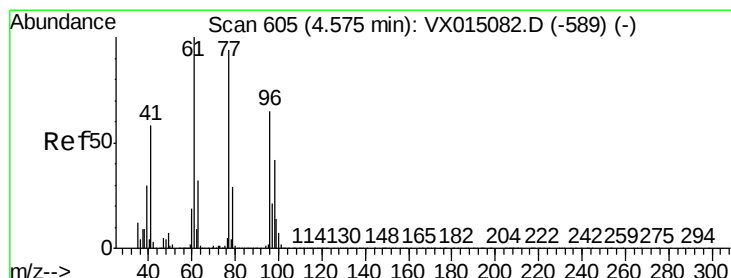
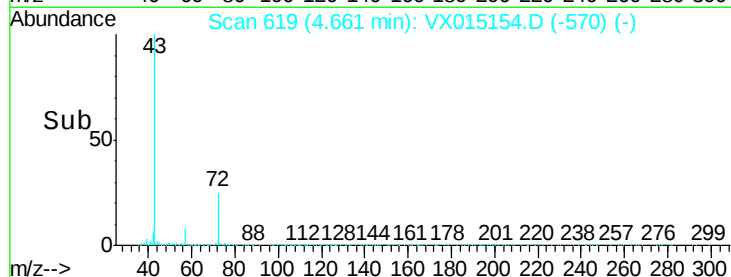
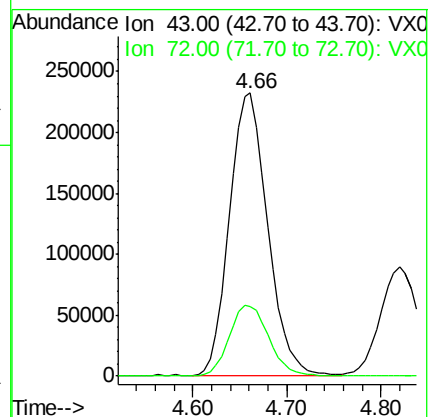
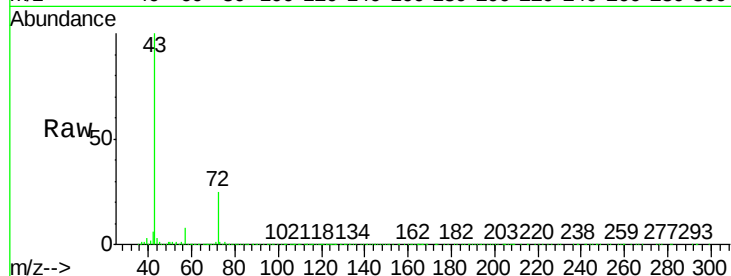
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.194 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015154.D

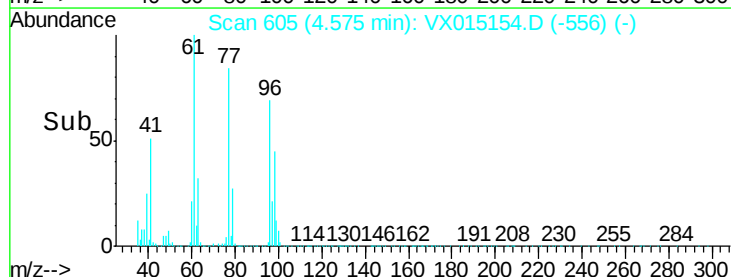
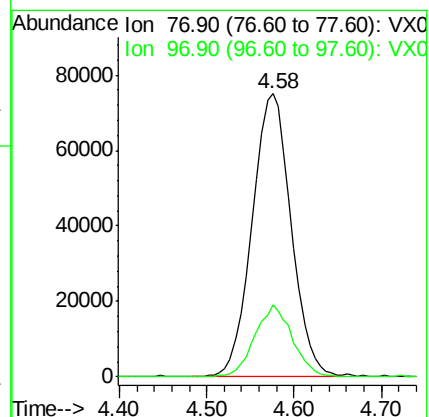
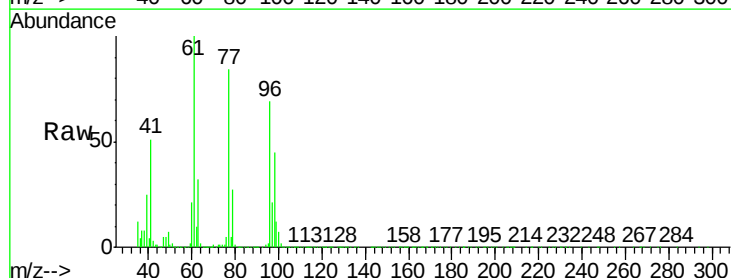
Acq: 09 Mar 2020 19:30

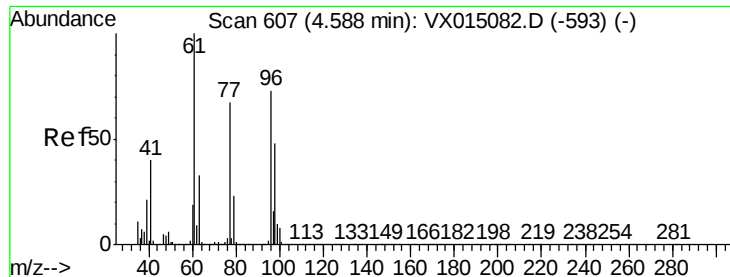
Tgt Ion: 77 Resp: 232266

Ion Ratio Lower Upper

77 100

97 24.5 11.8 35.4





#27

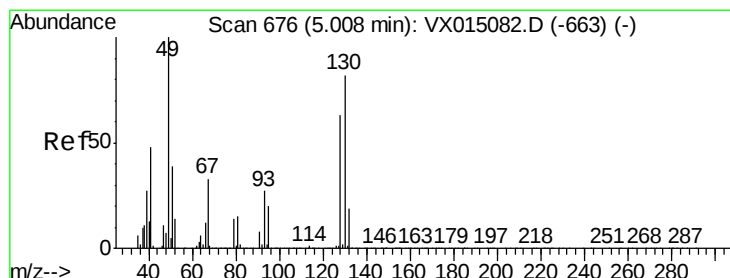
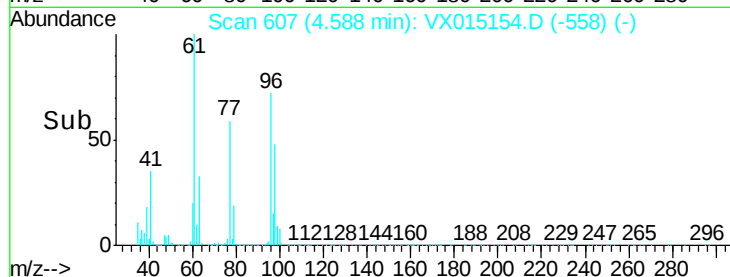
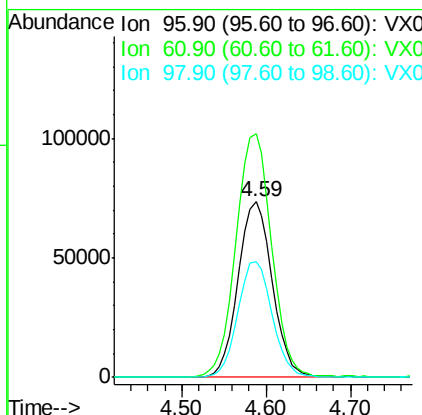
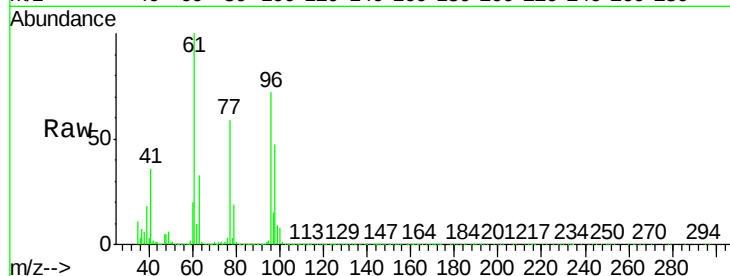
cis-1,2-Dichloroethene
Concen: 49.099 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	201956		
61	144.5	0.0	286.8	
98	66.0	0.0	128.4	

Manual Integrations
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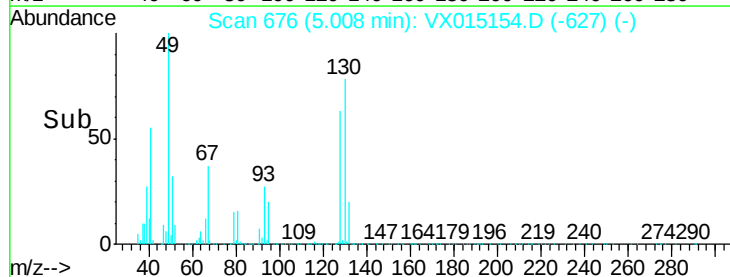
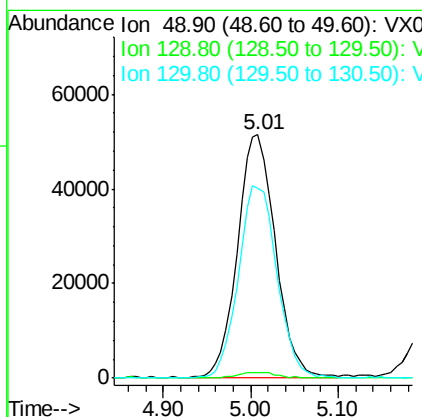
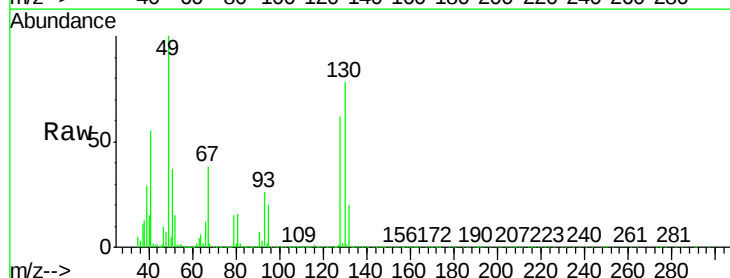
MMDadoda
3/11/2020 4:45:09 PM

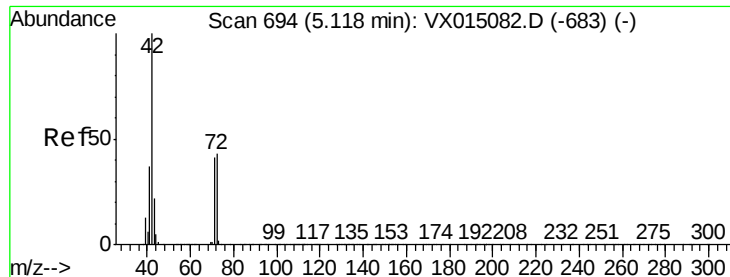


#28

Bromochloromethane
Concen: 51.157 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	154221		
129	2.6	0.0	4.4	
130	81.2	65.0	97.6	





#29

Tetrahydrofuran

Concen: 270.253 ug/l

RT: 5.11 min Scan# 693

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

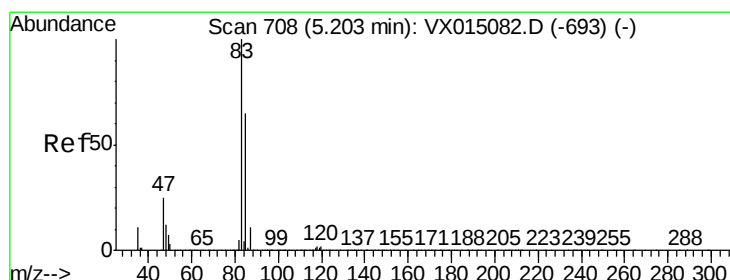
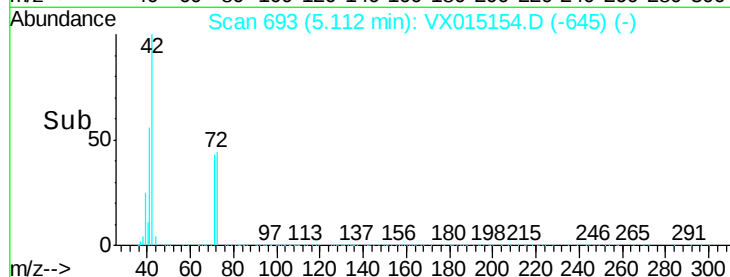
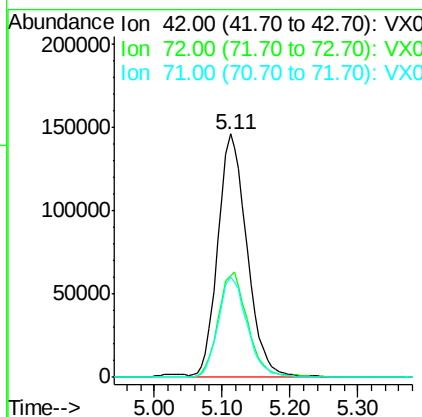
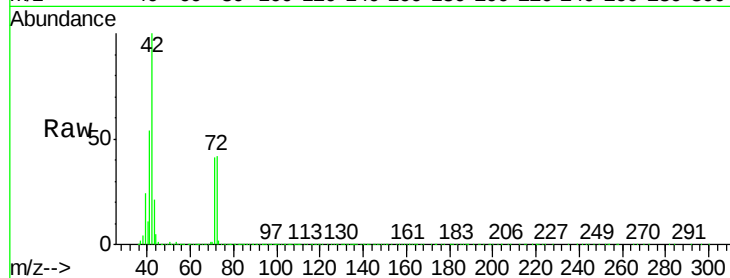
ClientSampleId :

VSTDCCC050EC

Tot Ion:	42	Resp:	432975
Ion Ratio		Lower	Upper
42	100		
72	43.8	36.4	54.6
71	40.9	33.3	49.9

Manual Integrations
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#30

Chloroform

Concen: 50.046 ug/l

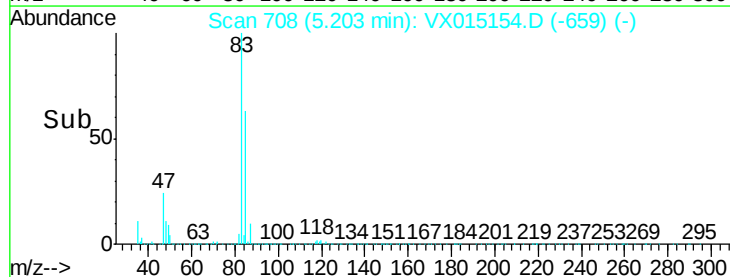
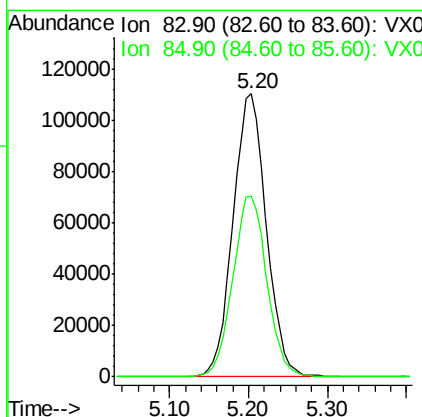
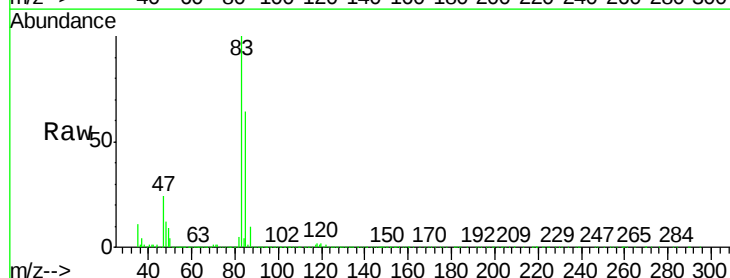
RT: 5.20 min Scan# 708

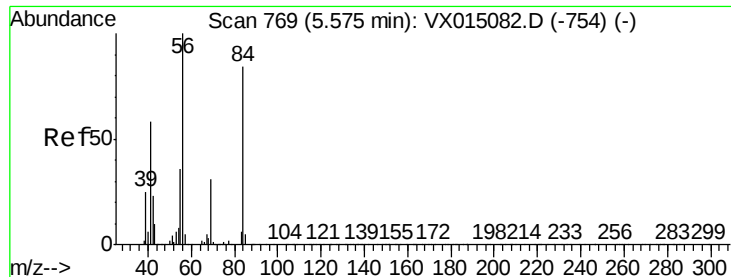
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	83	Resp:	322930
Ion Ratio		Lower	Upper
83	100		
85	64.1	52.0	78.0





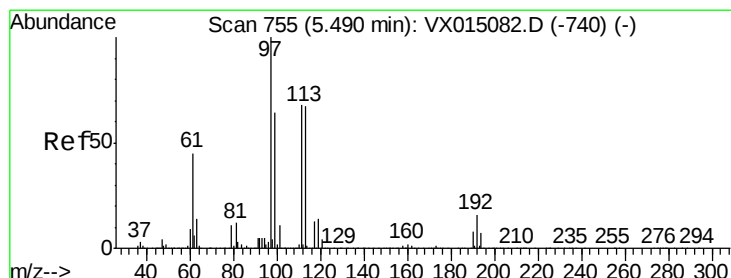
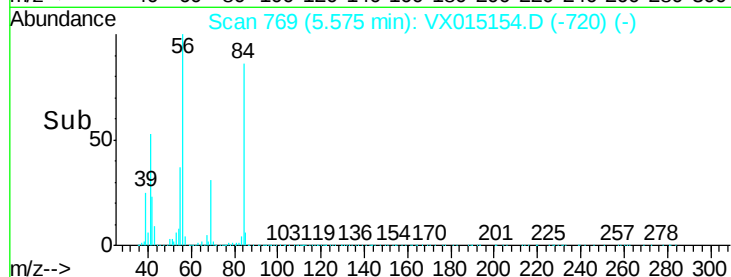
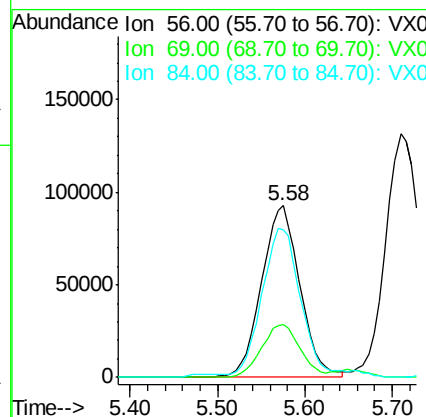
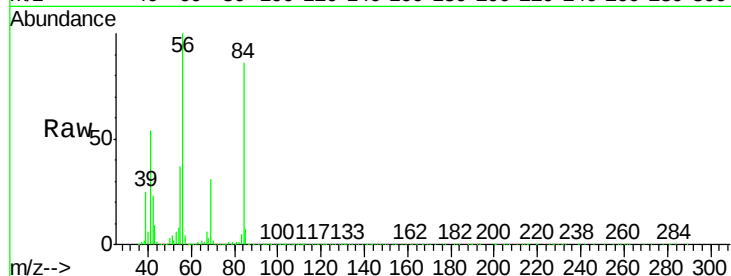
#31
Cyclohexane
Concen: 47.677 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.0	37.6
84	84.9	67.6	101.4

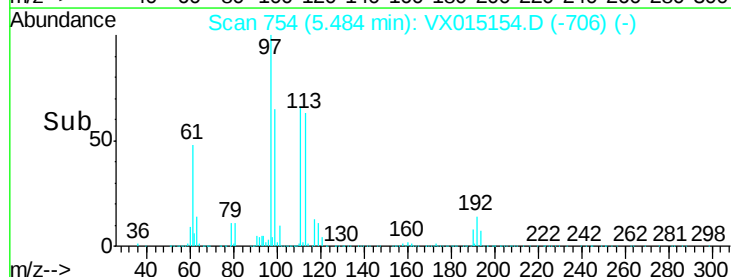
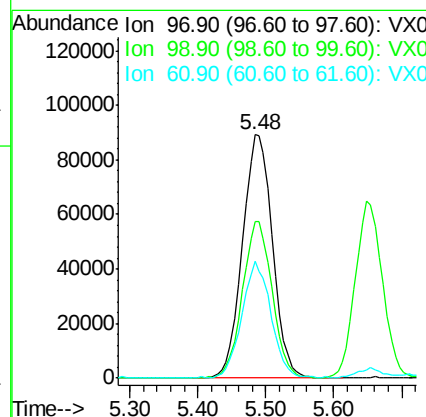
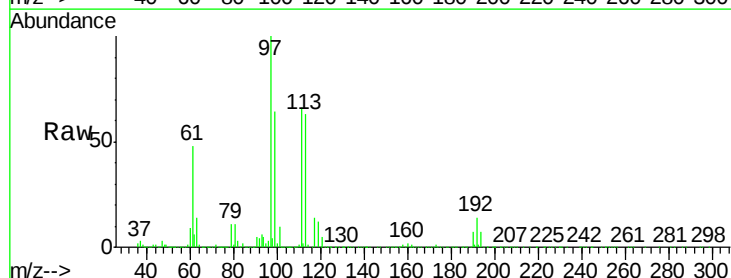
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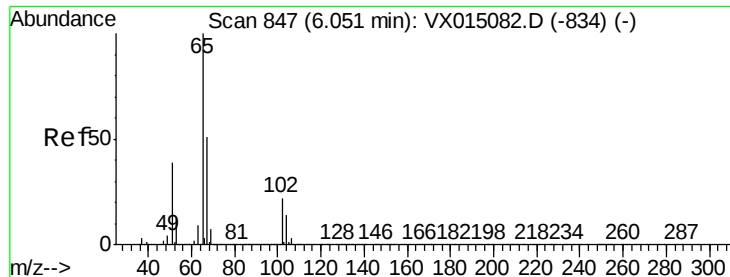
MMDadoda
3/11/2020 4:45:09 PM



#32
1,1,1-Trichloroethane
Concen: 51.204 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	52.8	79.2
61	45.9	36.6	54.8





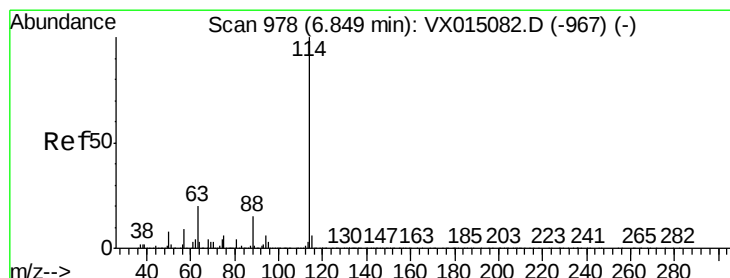
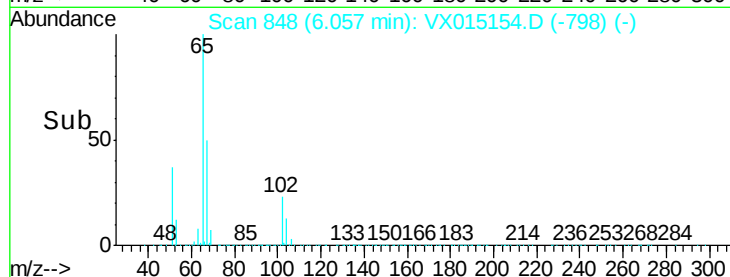
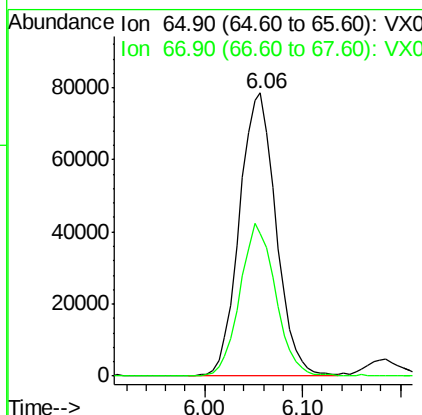
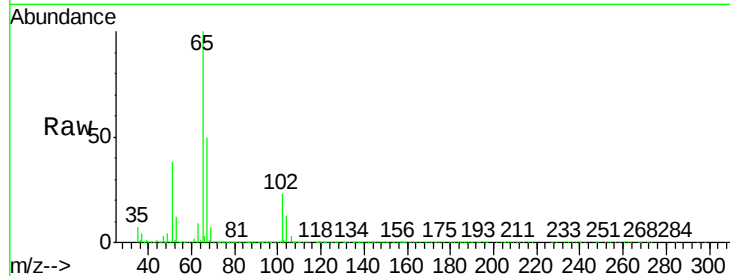
#33
 1,2-Dichloroethane-d4
 Concen: 48.578 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	203639		
67	52.2	0.0	105.6	

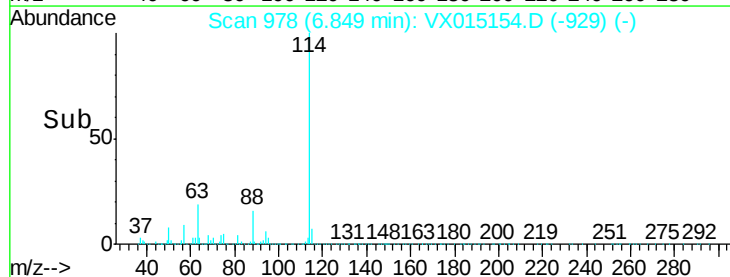
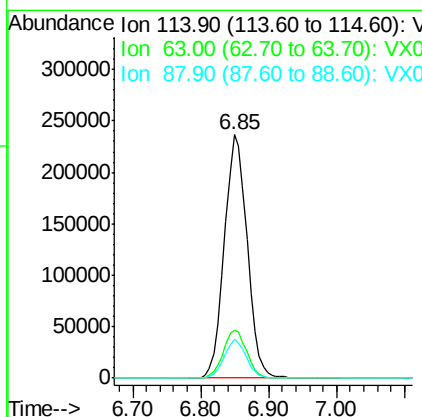
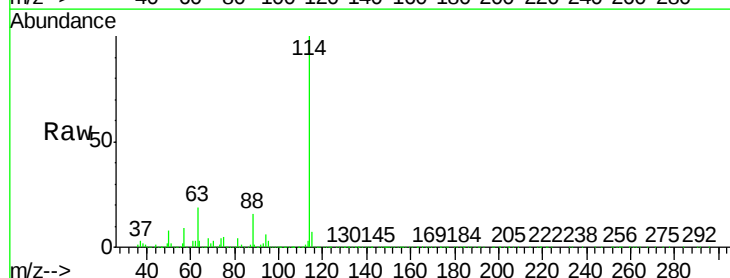
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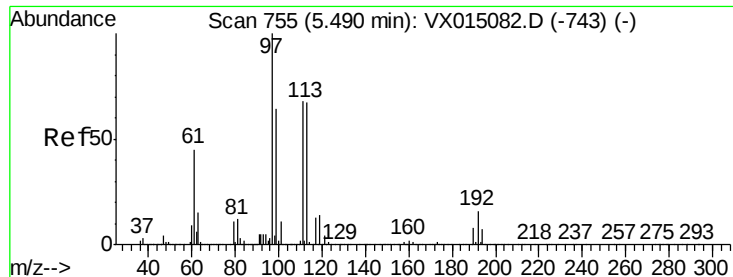
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 3/11/2020 4:45:09 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	550767		
63	19.4	0.0	40.0	
88	15.9	0.0	30.6	





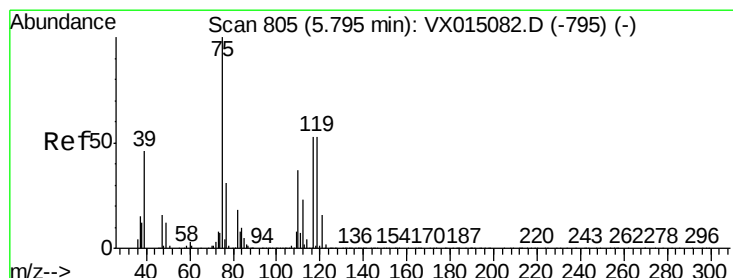
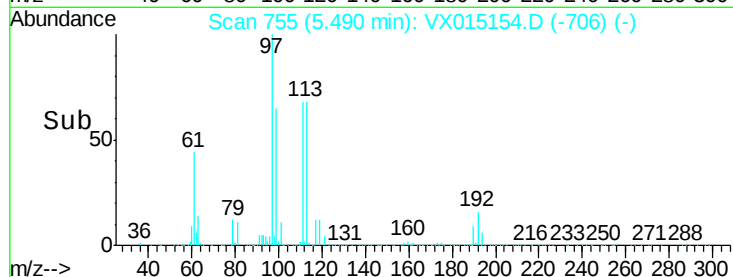
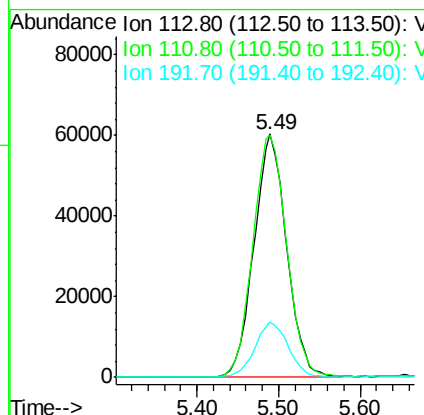
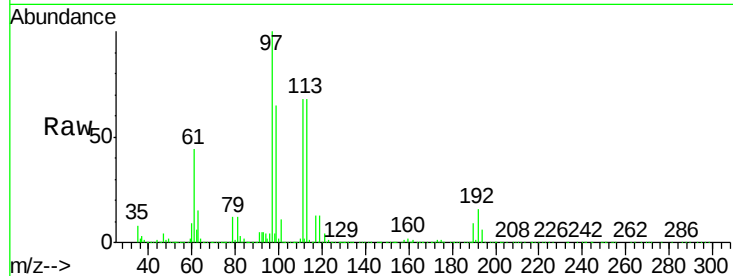
#35
Dibromofluoromethane
Concen: 48.455 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	168364		
111	102.6	82.6	123.8	
192	23.3	18.6	28.0	

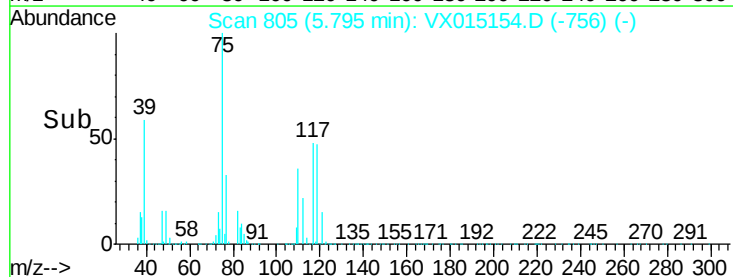
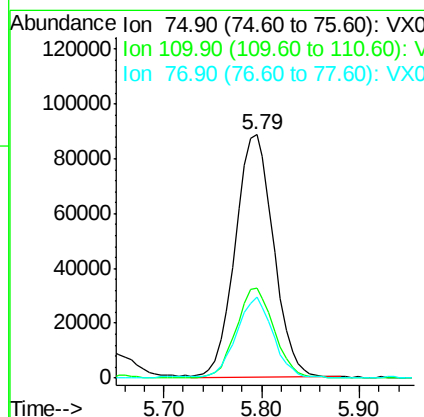
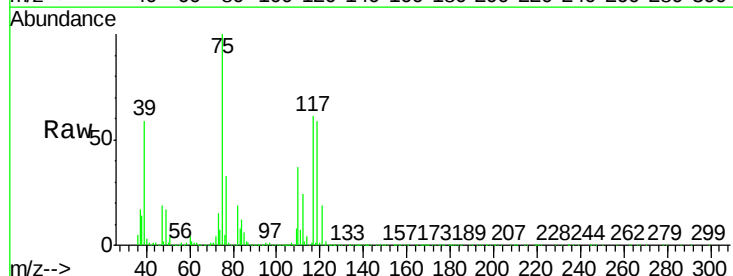
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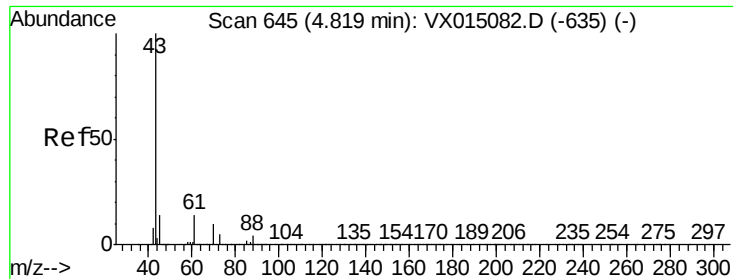
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#36
1,1-Dichloropropene
Concen: 47.150 ug/l
RT: 5.79 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	240067		
110	36.6	17.9	53.8	
77	31.1	24.8	37.2	





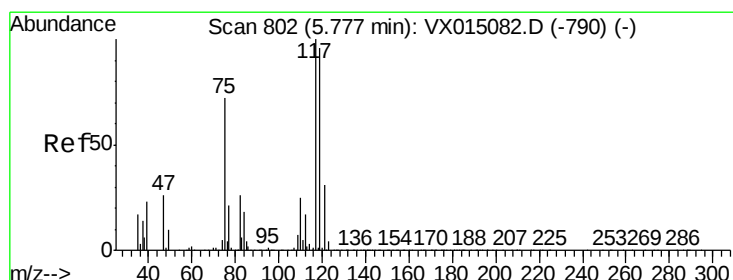
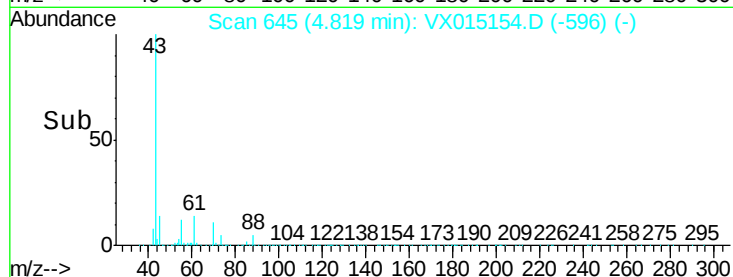
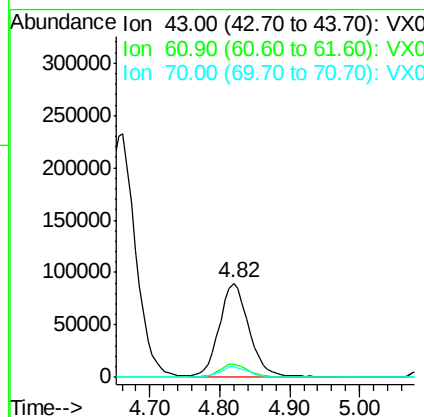
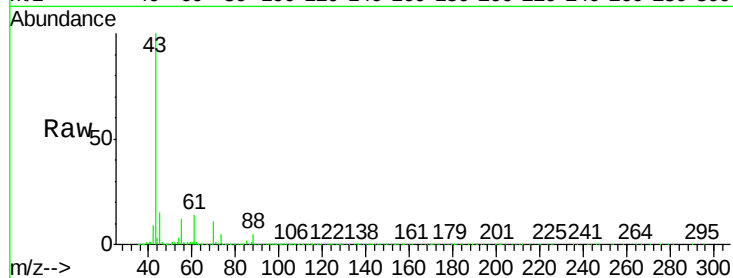
#37
Ethyl Acetate
Concen: 55.551 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	262369
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.0	16.4
70	10.6	8.1	12.1

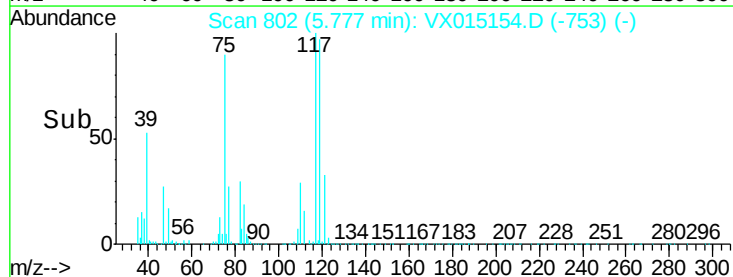
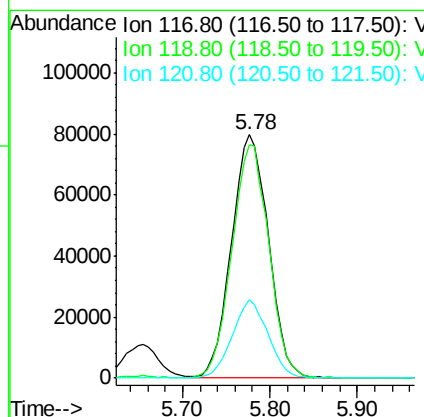
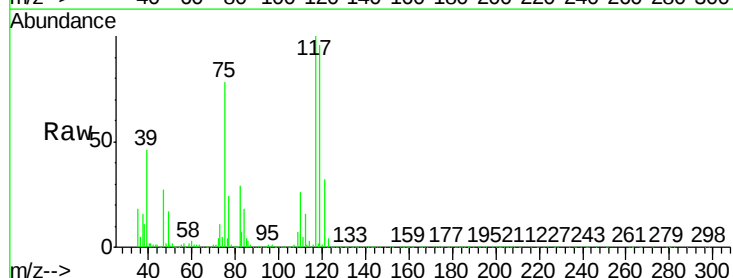
Manual Integrations
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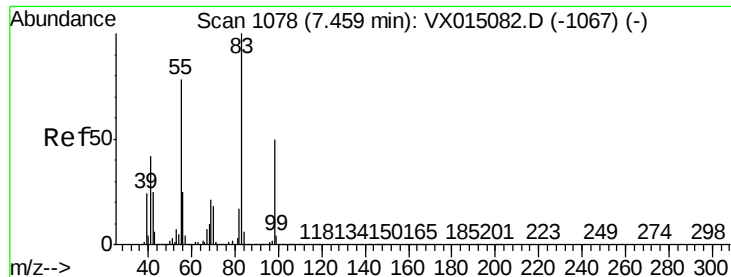
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#38
Carbon Tetrachloride
Concen: 48.512 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion:	117	Resp:	233153
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
121	31.9	24.6	37.0





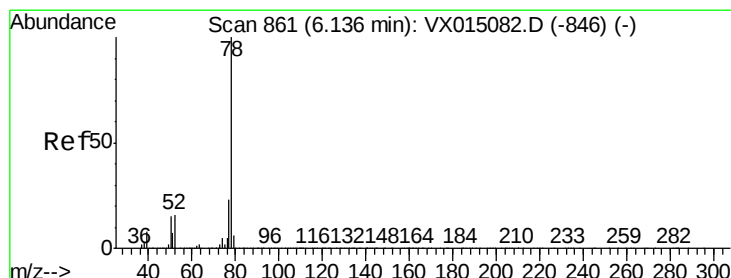
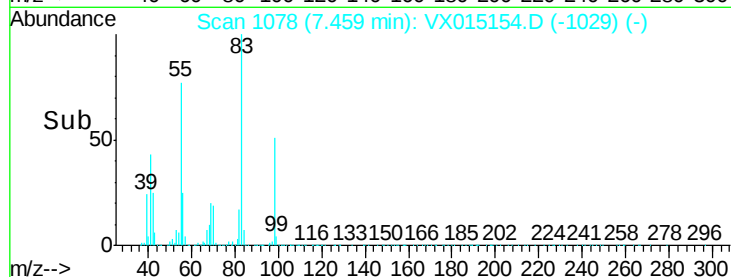
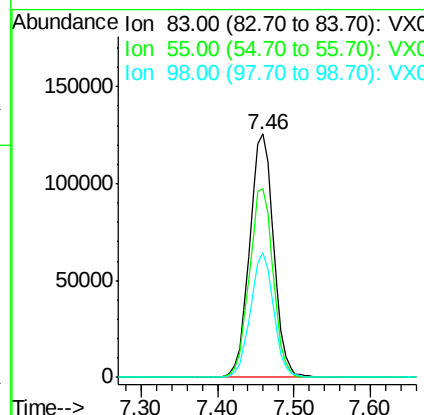
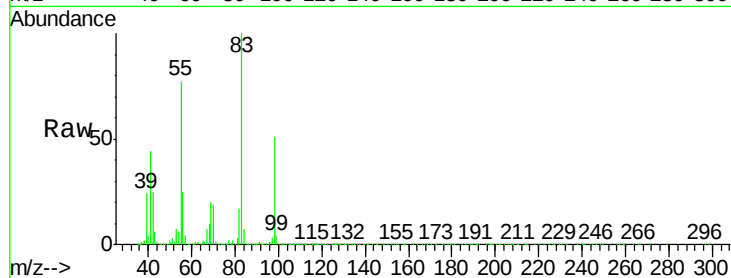
#39
Methvlcvclohexane
Concen: 46.181 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	62.4	93.6
98	50.8	39.7	59.5

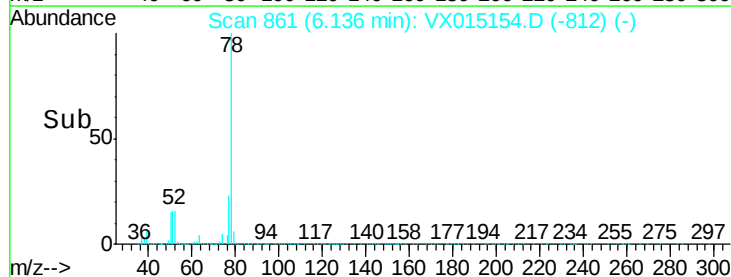
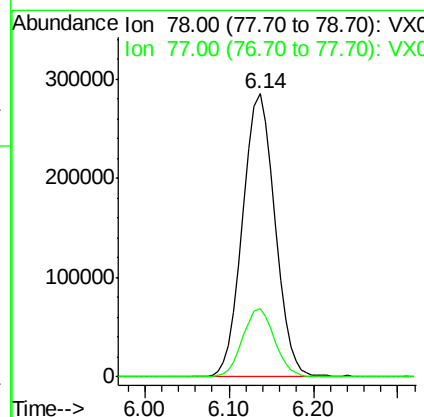
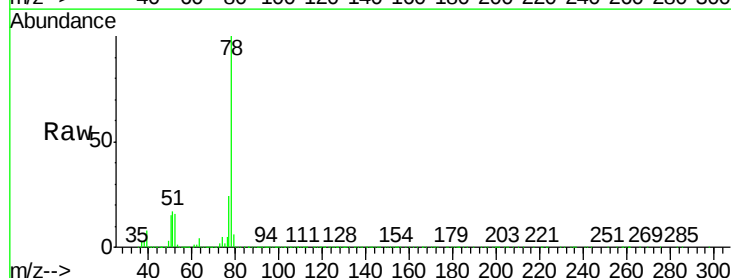
Manual Integrations
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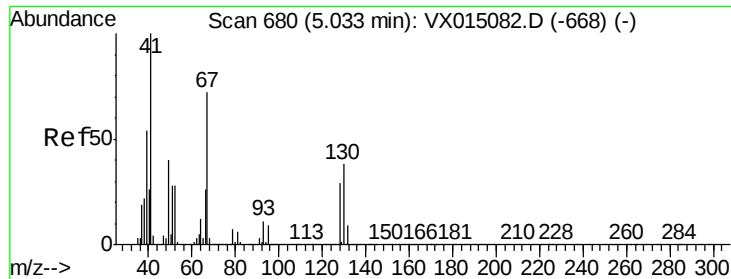
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#40
Benzene
Concen: 49.070 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





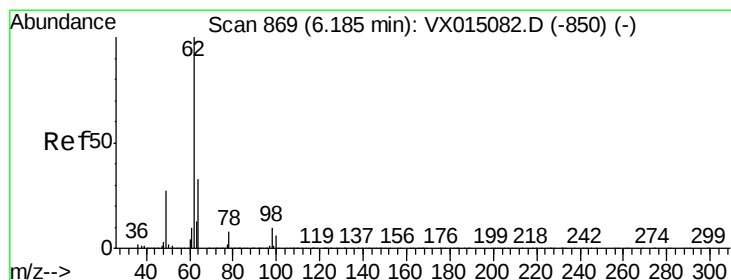
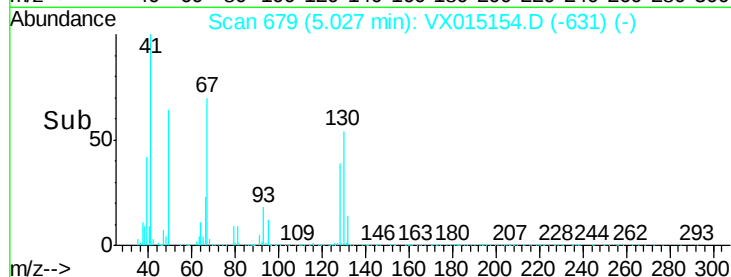
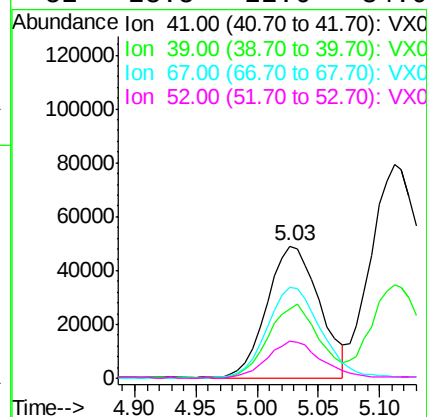
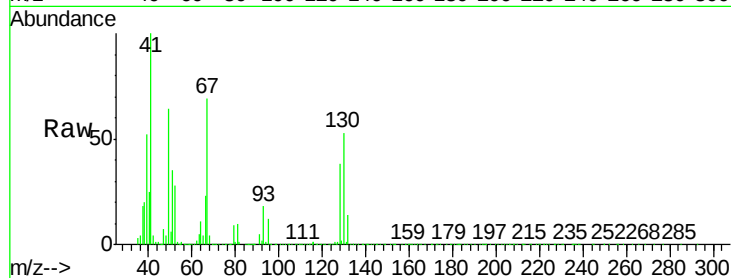
#41
Methacrylonitrile
Concen: 51.347 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	43.9	65.9	
67	70.8	57.8	86.8	
52	28.5	22.6	34.0	

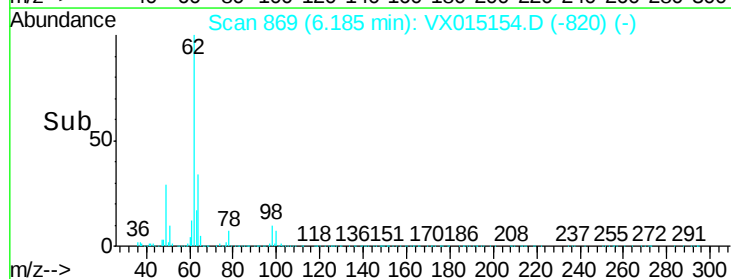
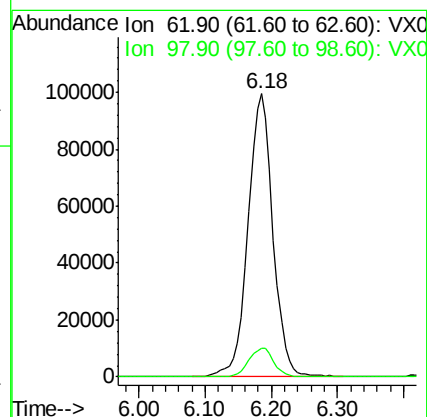
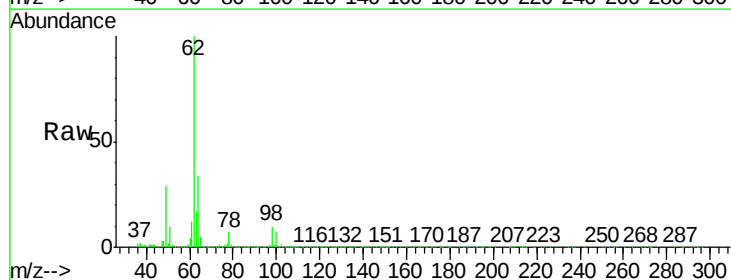
Manual Integrations
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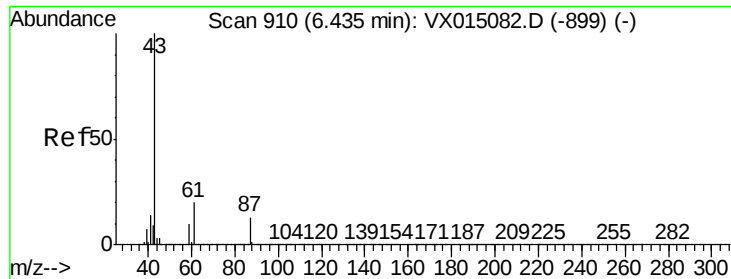
MMDadoda
3/11/2020 4:45:09 PM



#42
1,2-Dichloroethane
Concen: 49.919 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.6	





#43

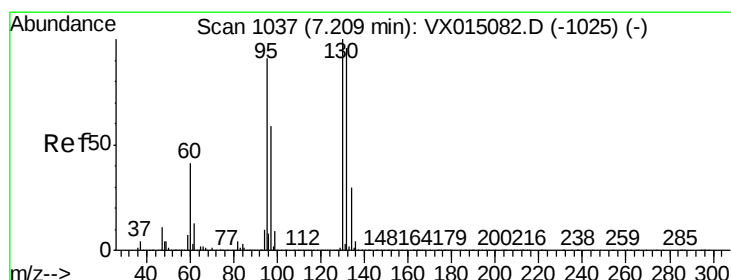
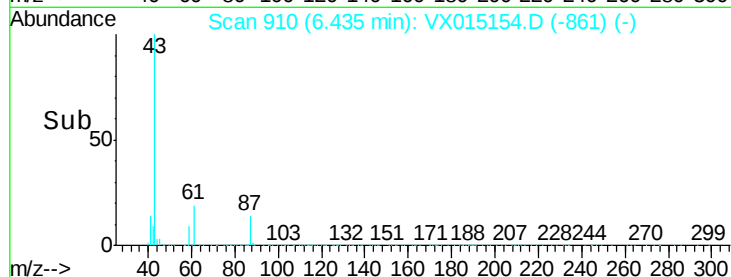
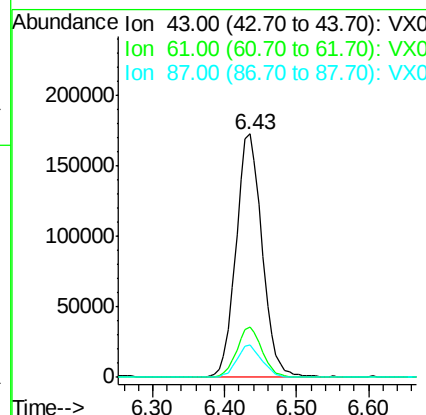
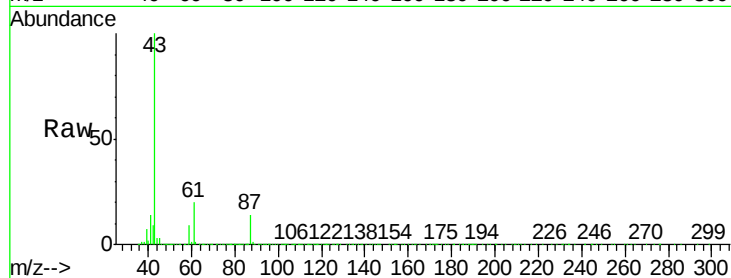
Isopropyl Acetate
 Concen: 52.204 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.9	16.1	24.1
87	13.0	10.6	16.0

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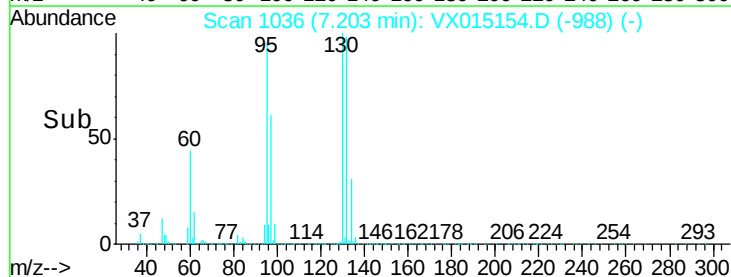
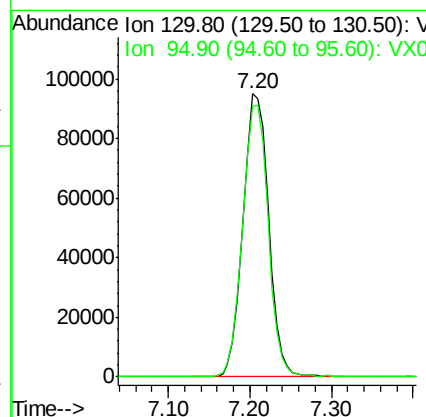
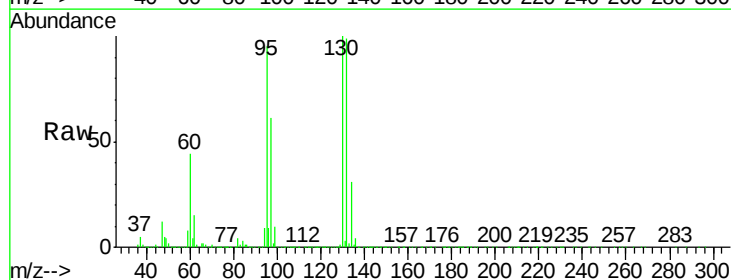
MMDadoda
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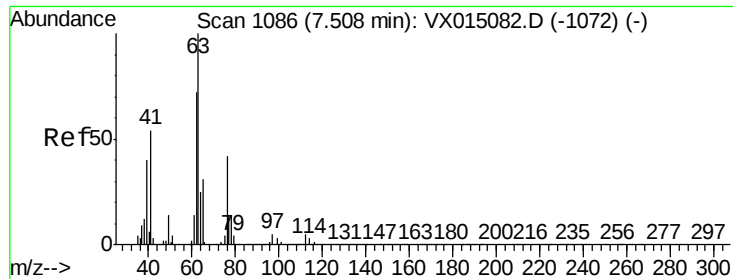


#44

Trichloroethene
 Concen: 49.389 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	181.2





#45

1,2-Dichloropropane

Concen: 49.519 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 193624

Ion Ratio Lower Upper

63 100

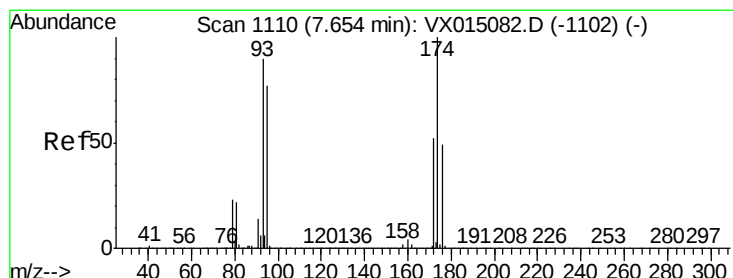
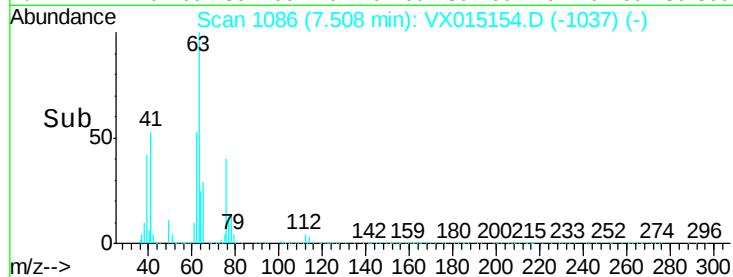
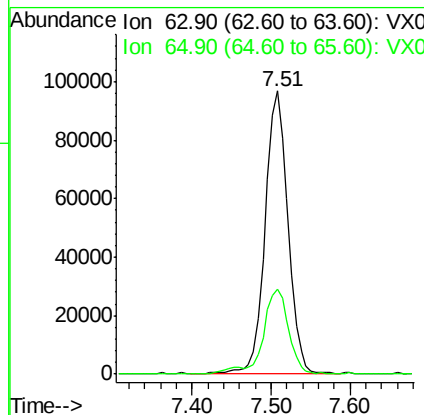
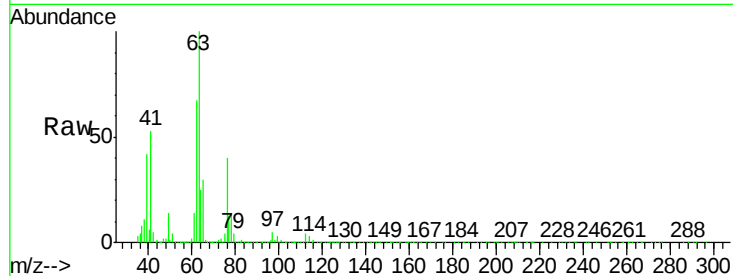
65 30.1 24.6 36.8

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3/11/2020 4:45:09 PM



#46

Dibromomethane

Concen: 49.804 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

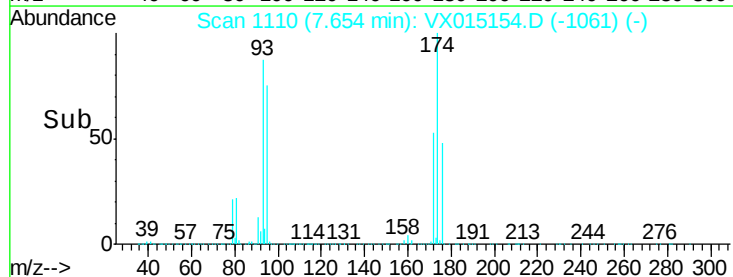
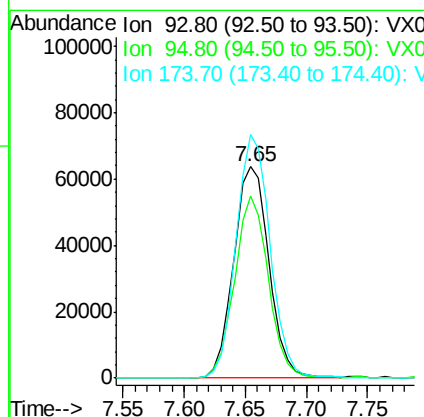
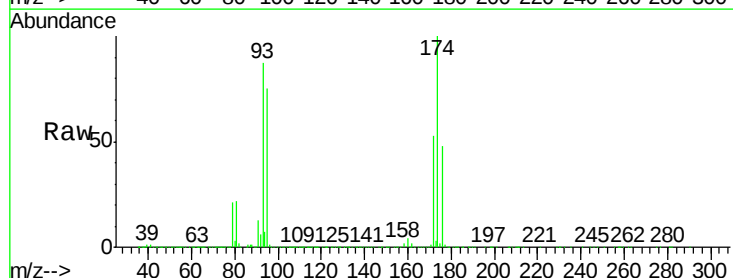
Tgt Ion: 93 Resp: 126888

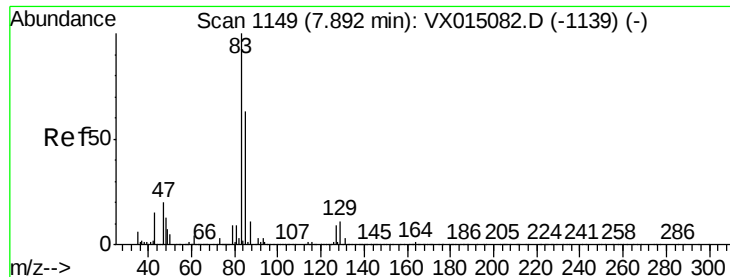
Ion Ratio Lower Upper

93 100

95 82.4 67.8 101.8

174 112.3 91.0 136.4





#47

Bromodichloromethane

Concen: 50.042 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

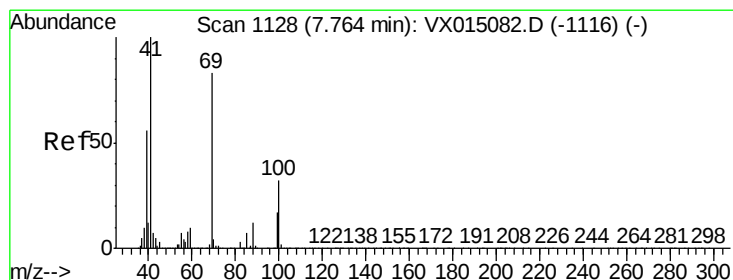
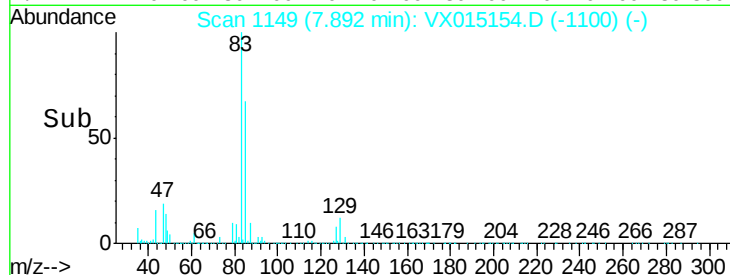
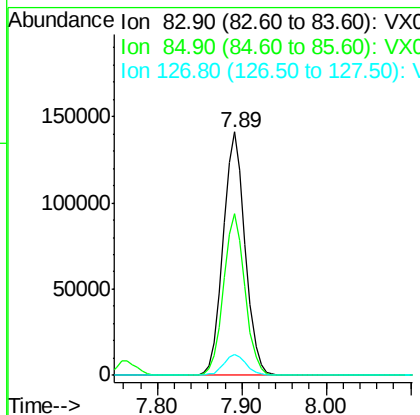
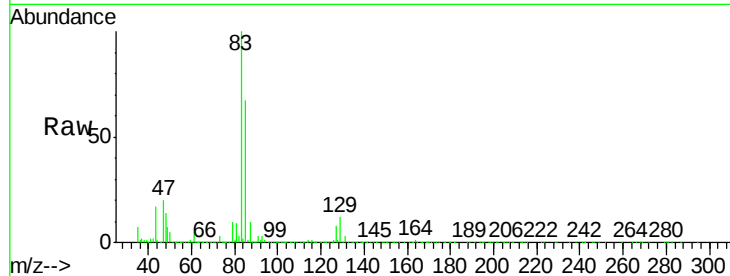
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	252121
Ion Ratio	Lower	Upper	
83	100		
85	66.6	50.6	75.8
127	8.4	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.863 ug/l

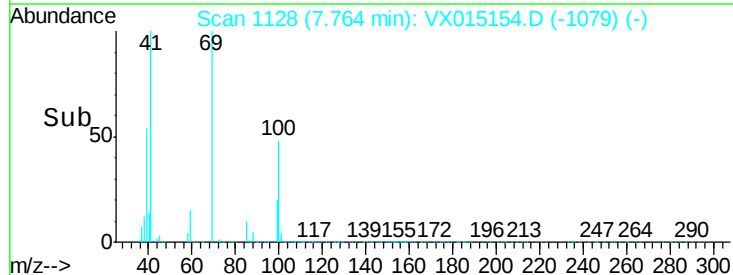
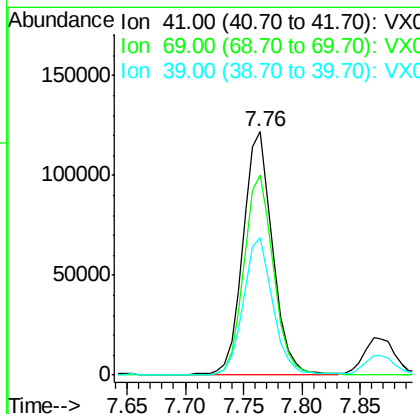
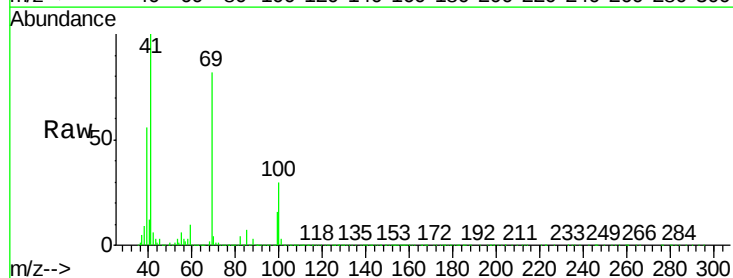
RT: 7.76 min Scan# 1128

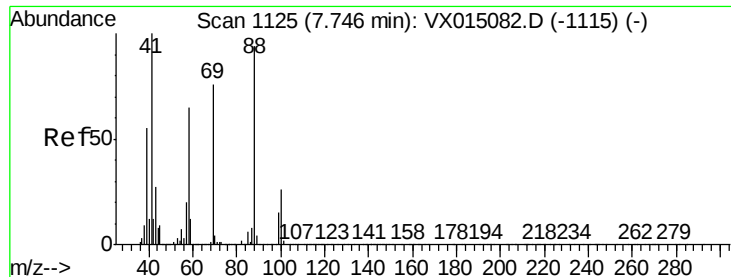
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	41	Resp:	215091
Ion Ratio	Lower	Upper	
41	100		
69	82.4	65.4	98.2
39	55.8	44.6	67.0





#49

1,4-Dioxane

Concen: 1024.785 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

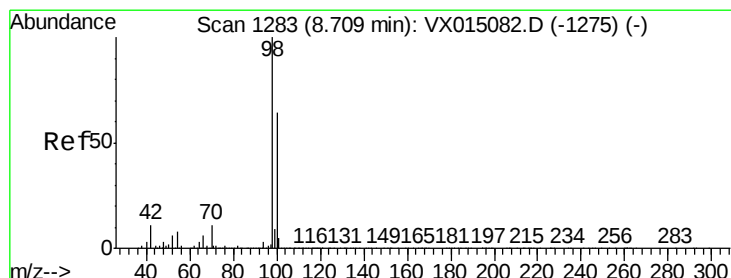
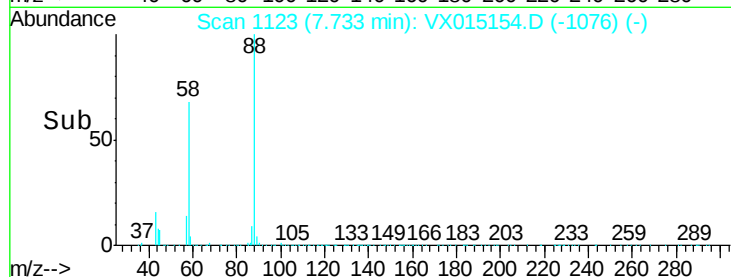
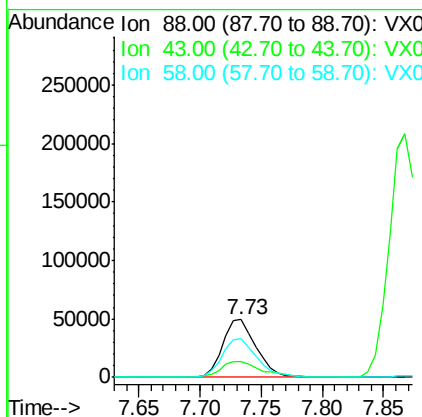
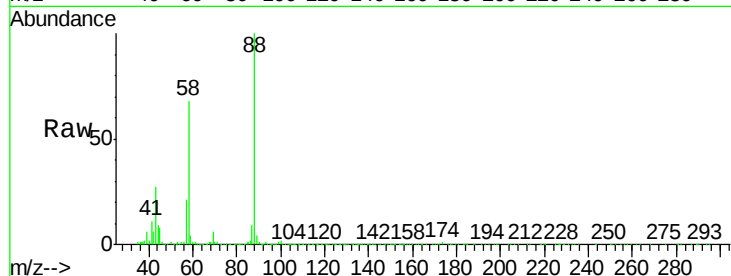
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	93698
Ion Ratio	Lower	Upper	
88	100		
43	34.3	27.0	40.4
58	69.3	55.6	83.4

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#50

Toluene-d8

Concen: 48.306 ug/l

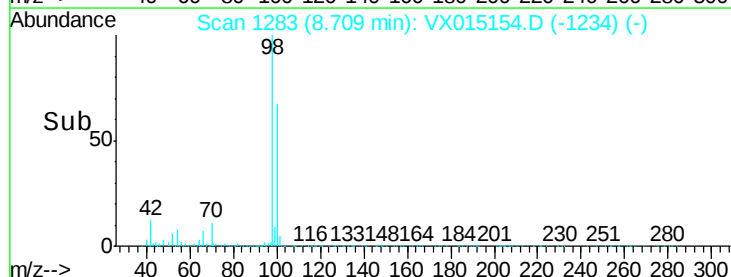
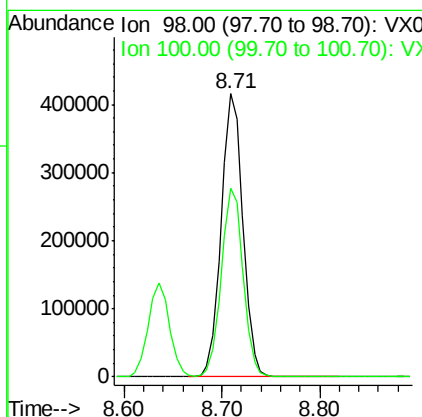
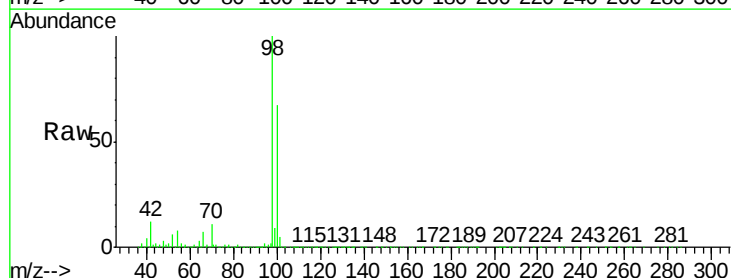
RT: 8.71 min Scan# 1283

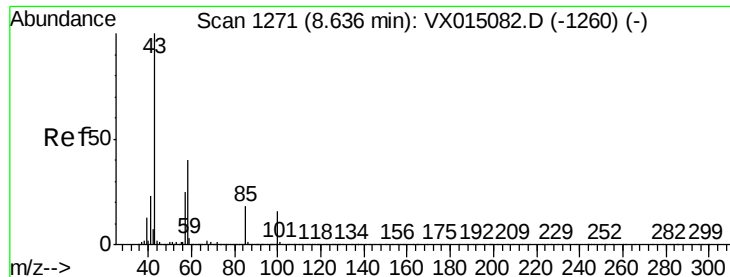
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	98	Resp:	638458
Ion Ratio	Lower	Upper	
98	100		
100	66.8	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 273.024 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1341248

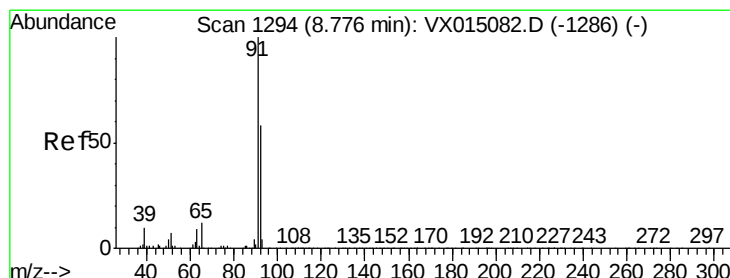
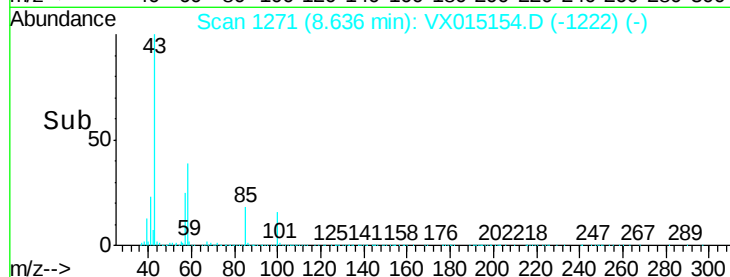
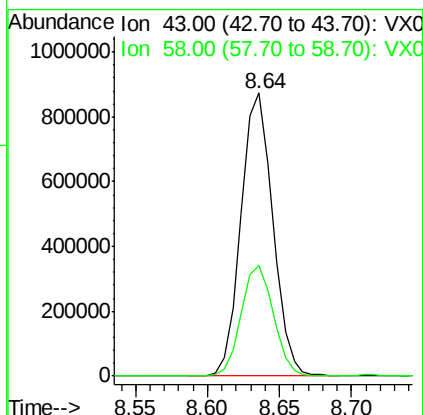
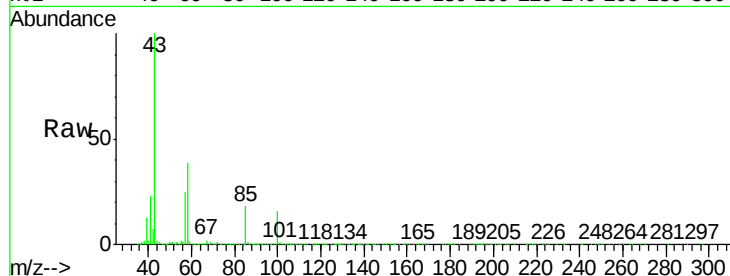
Ion Ratio Lower Upper

43 100

58 39.5 31.6 47.4

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#52

Toluene

Concen: 50.594 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015154.D

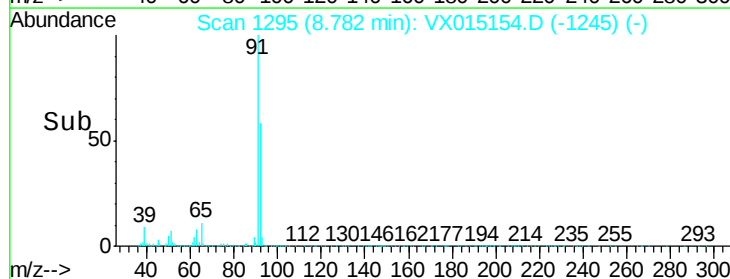
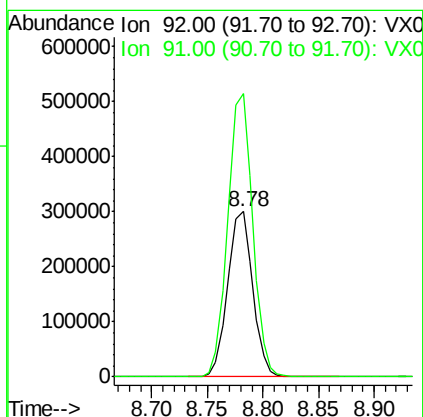
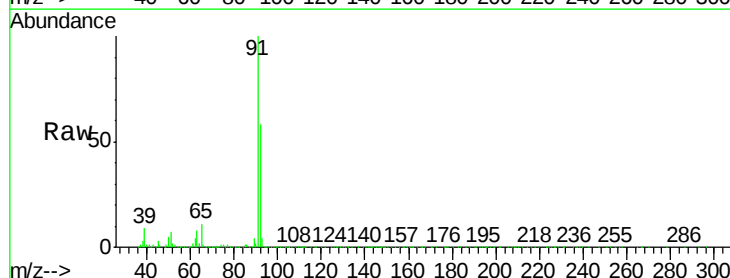
Acq: 09 Mar 2020 19:30

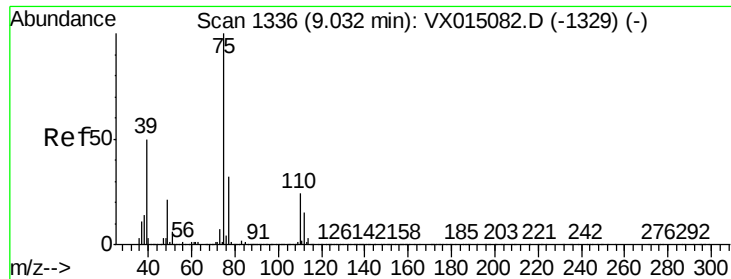
Tgt Ion: 92 Resp: 467309

Ion Ratio Lower Upper

92 100

91 170.7 136.9 205.3





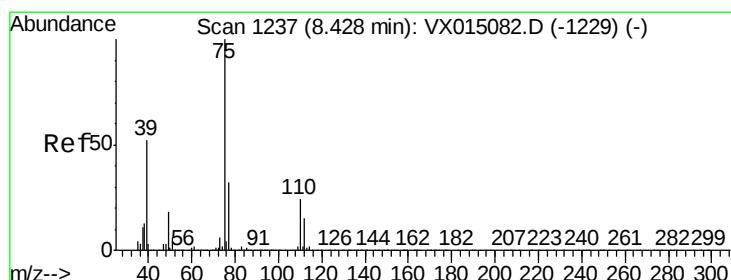
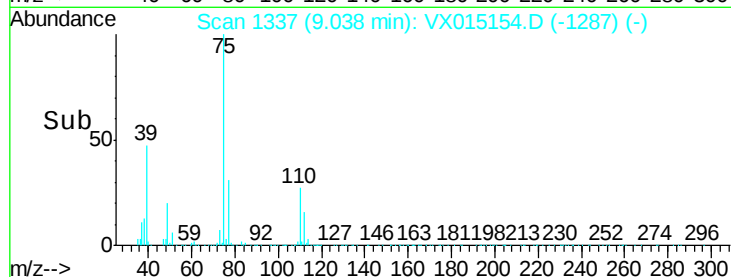
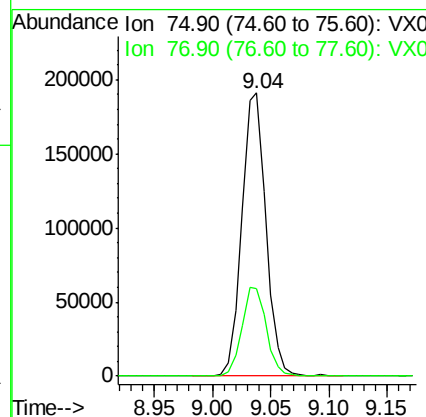
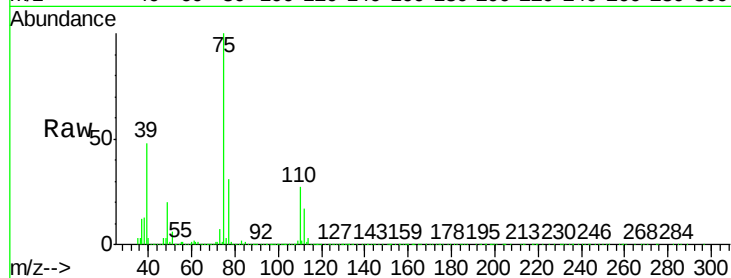
#53
t-1,3-Dichloropropene
Concen: 51.532 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 276346
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0

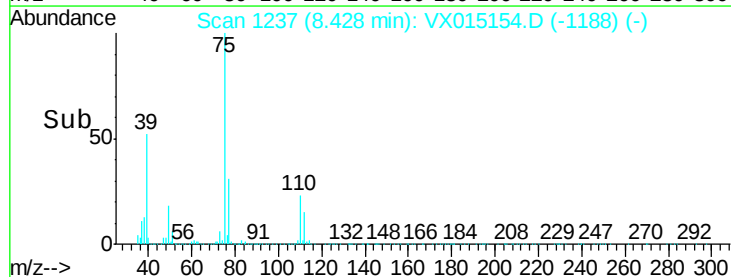
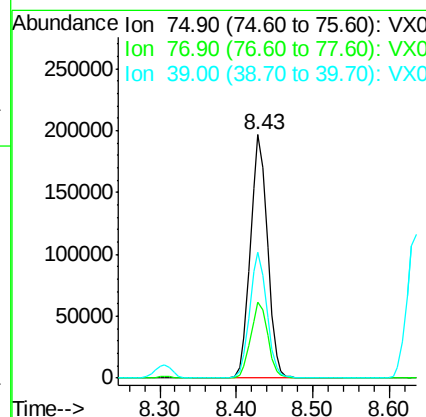
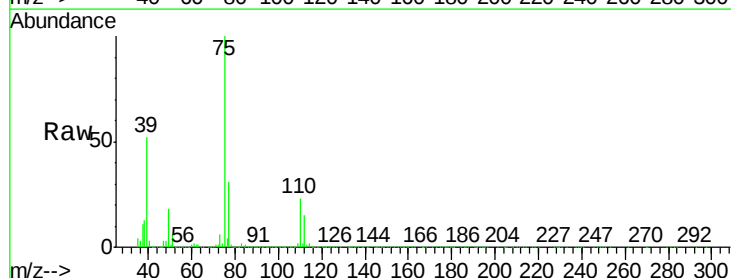
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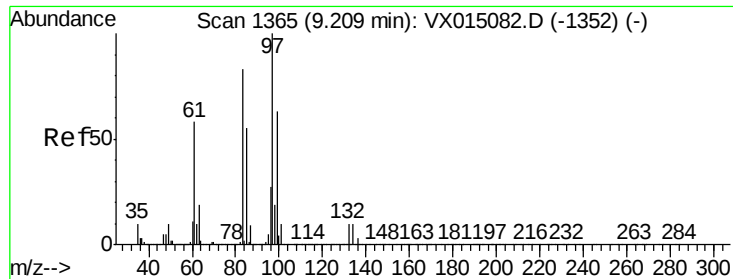
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#54
cis-1,3-Dichloropropene
Concen: 50.325 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion: 75 Resp: 305091
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.6
39 51.9 41.3 61.9





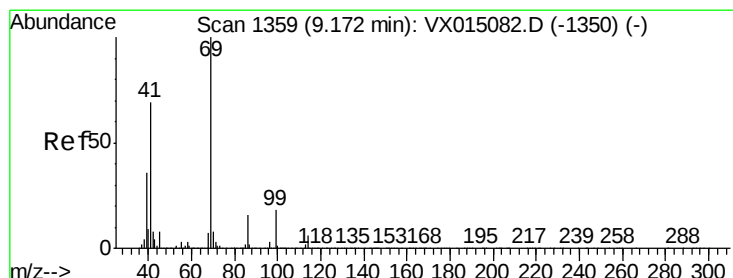
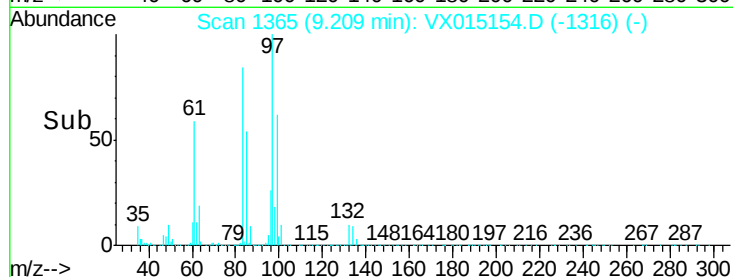
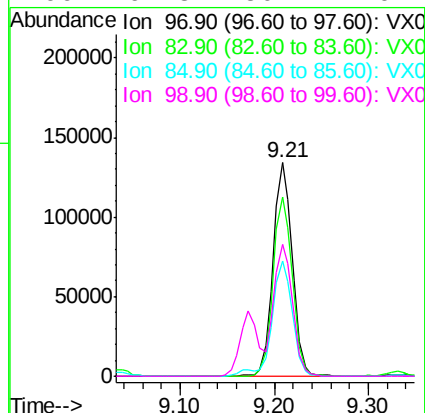
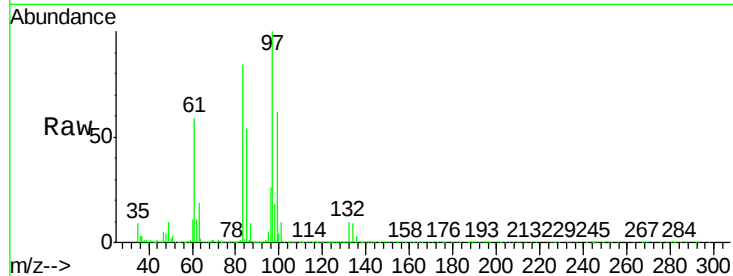
#55
 1,1,2-Trichloroethane
 Concen: 50.474 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		191887		
83	83.7	66.4	99.6		
85	53.8	43.5	65.3		
99	61.8	50.7	76.1		

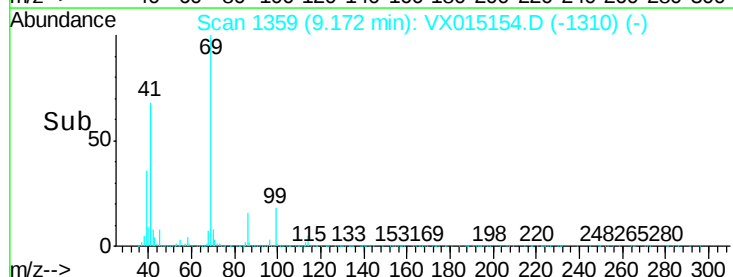
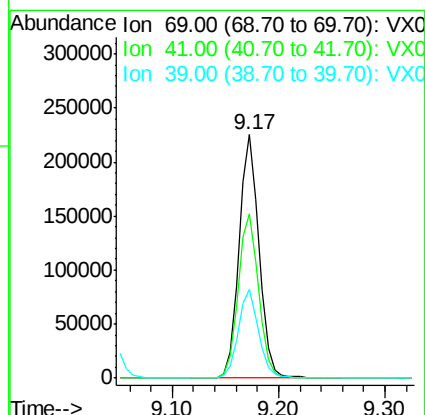
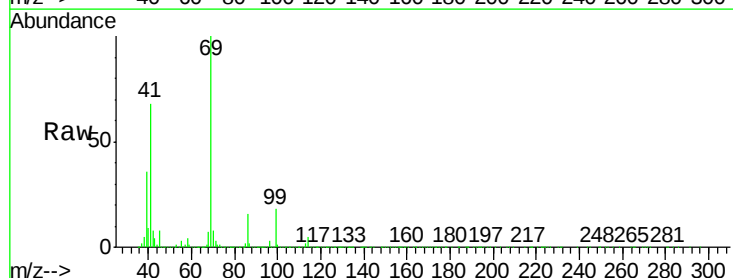
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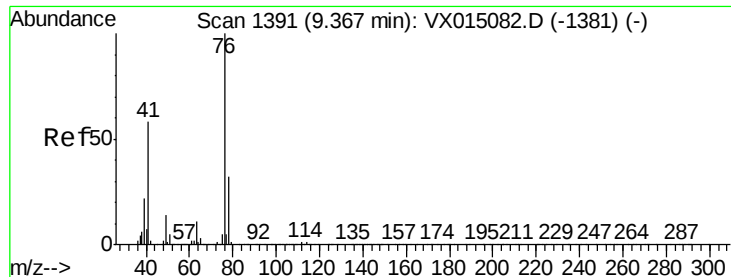
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#56
 Ethyl methacrylate
 Concen: 54.553 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		295818		
41	68.9	55.8	83.8		
39	36.9	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 50.323 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 321861

Ion Ratio Lower Upper

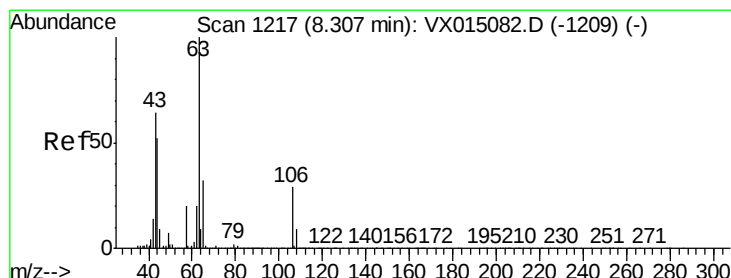
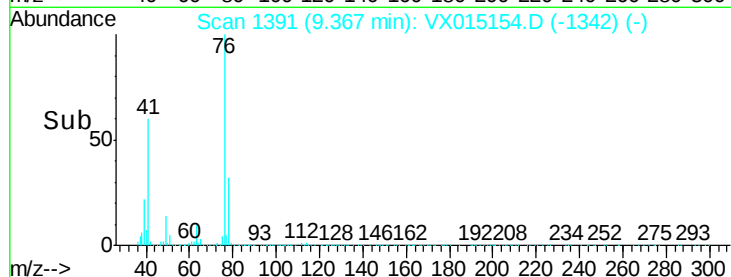
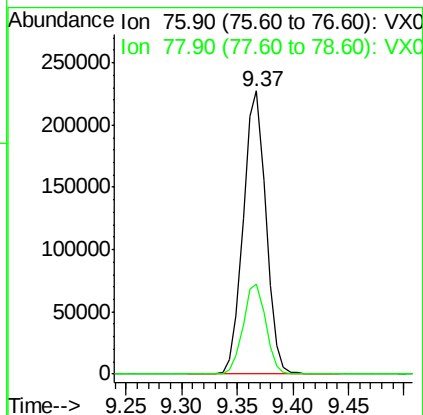
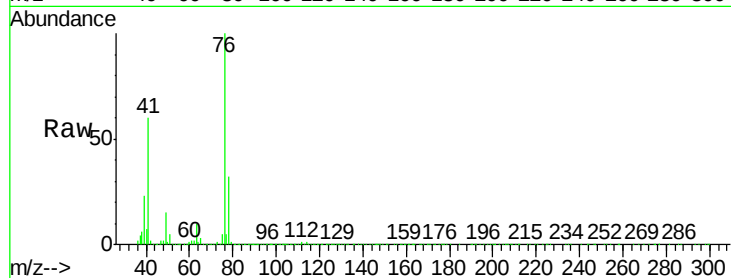
76 100

78 32.2 25.6 38.4

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3/11/2020 4:45:09 PM



#58

2-Chloroethyl Vinyl ether

Concen: 261.982 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015154.D

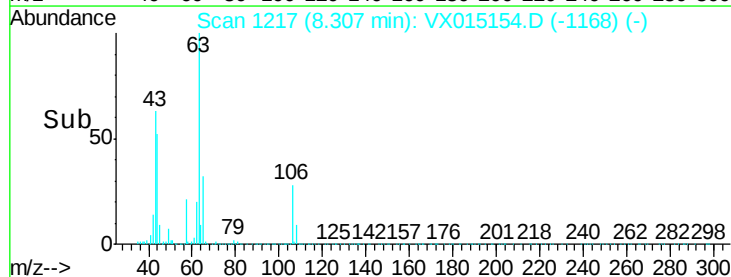
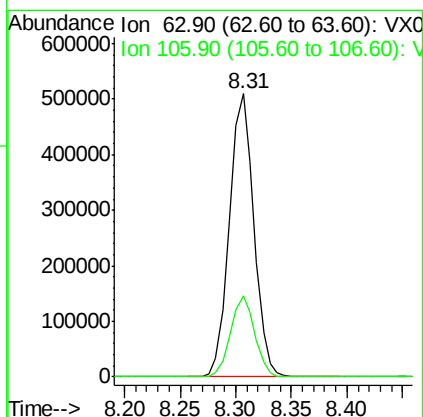
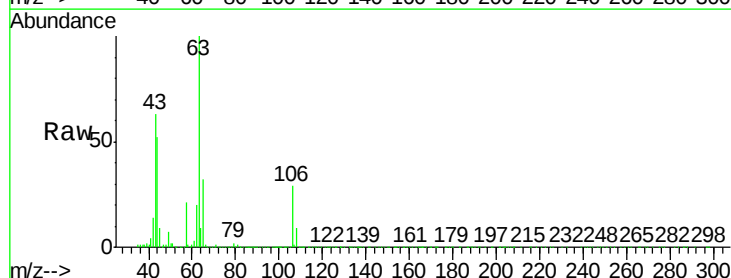
Acq: 09 Mar 2020 19:30

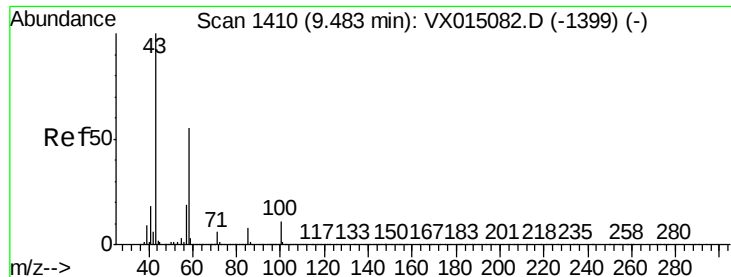
Tgt Ion: 63 Resp: 773919

Ion Ratio Lower Upper

63 100

106 28.2 22.8 34.2





#59

2-Hexanone

Concen: 274.983 ug/l

RT: 9.48 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1001247

Ion Ratio Lower Upper

43 100

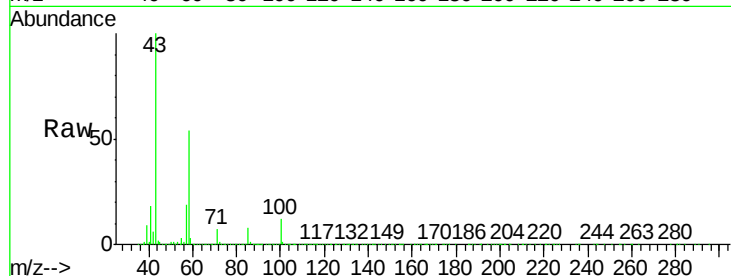
58 55.4 27.3 81.8

Manual Integrations

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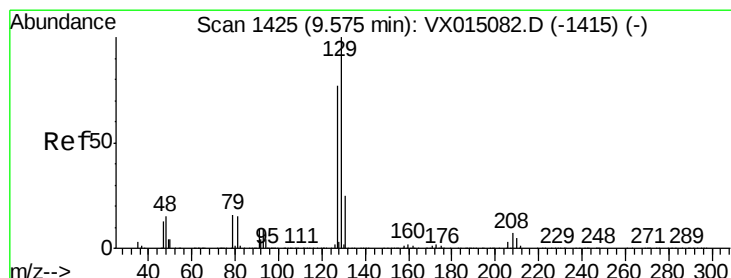
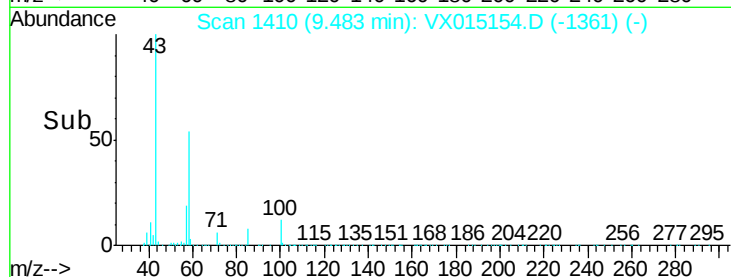
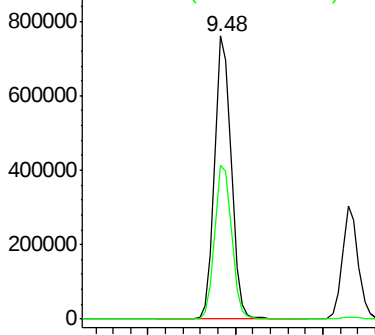
MMDadoda

3/11/2020 4:45:09 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 51.499 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015154.D

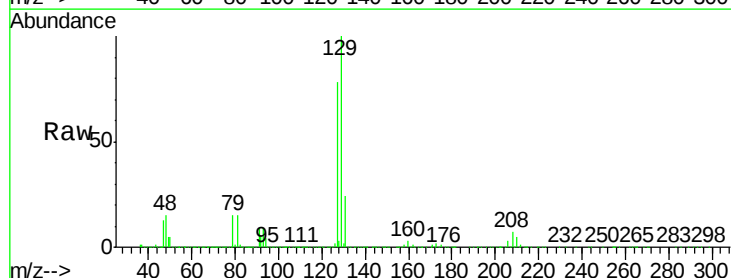
Acq: 09 Mar 2020 19:30

Tgt Ion: 129 Resp: 205660

Ion Ratio Lower Upper

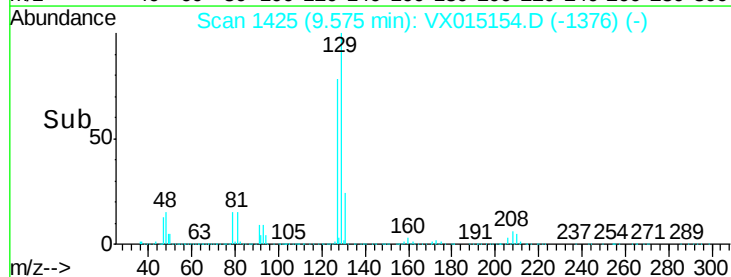
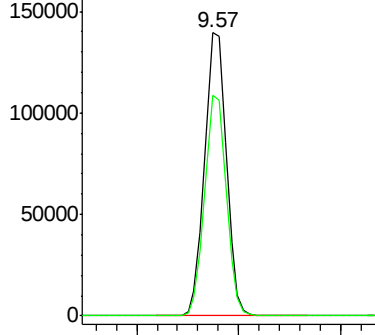
129 100

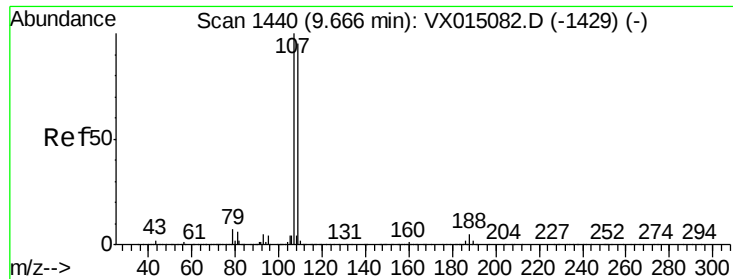
127 77.2 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 49.790 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 198816

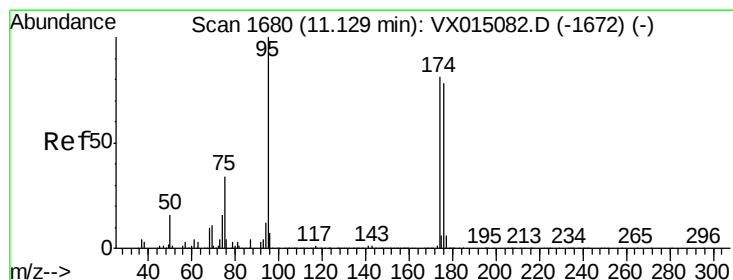
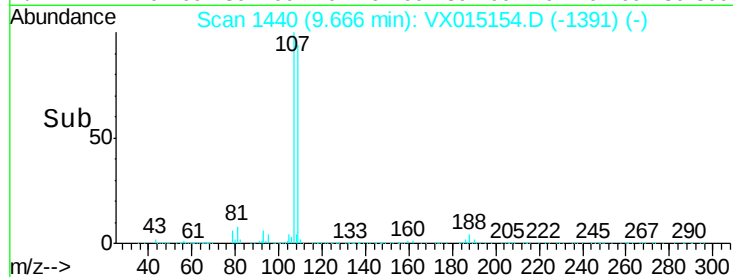
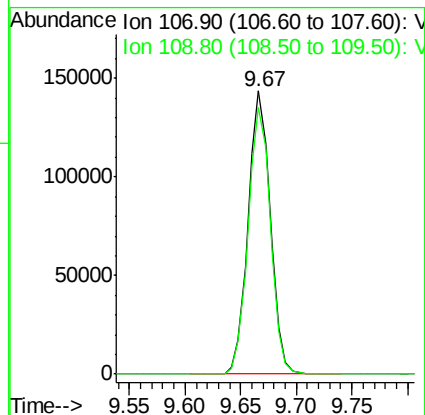
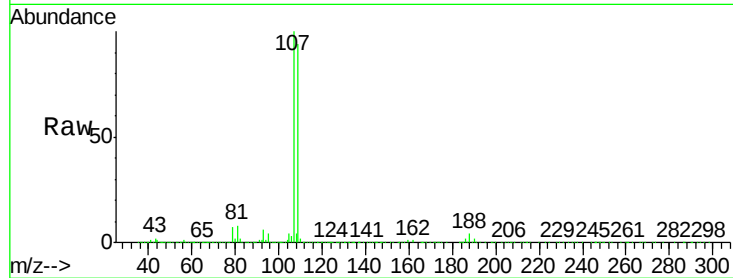
Ion Ratio Lower Upper

107 100

109 95.1 75.6 113.4

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#62

4-Bromofluorobenzene

Concen: 49.471 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

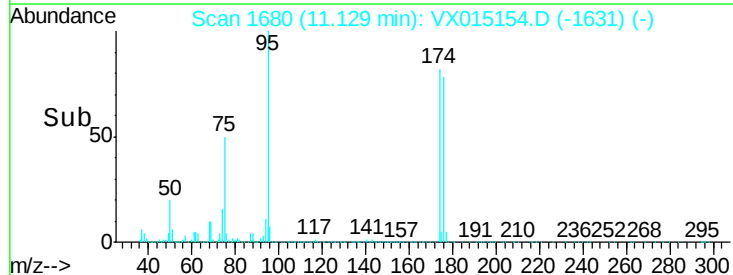
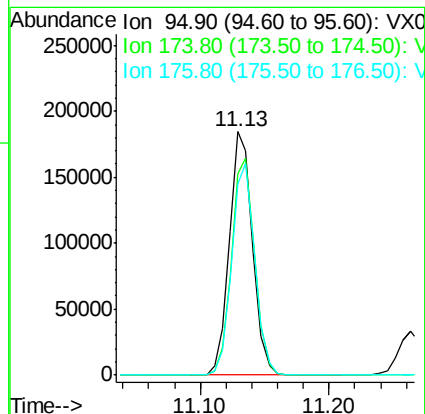
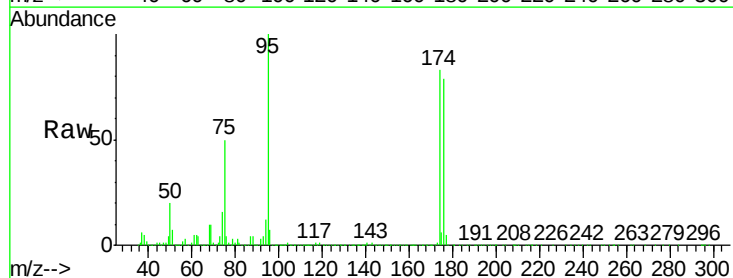
Tgt Ion: 95 Resp: 233222

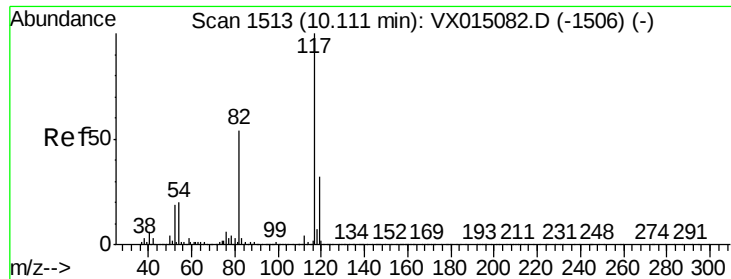
Ion Ratio Lower Upper

95 100

174 88.9 0.0 177.6

176 86.7 0.0 170.2





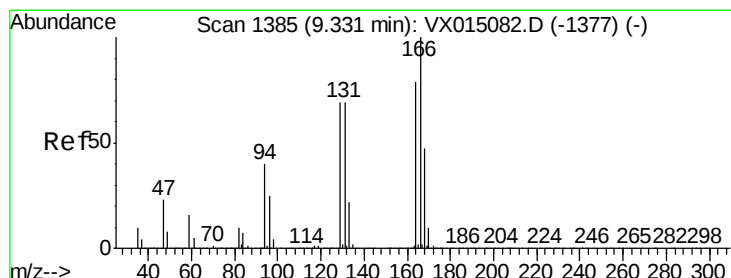
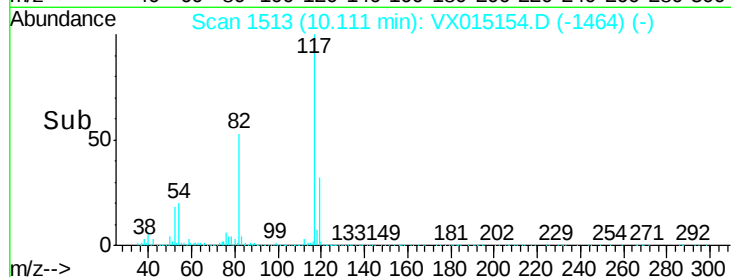
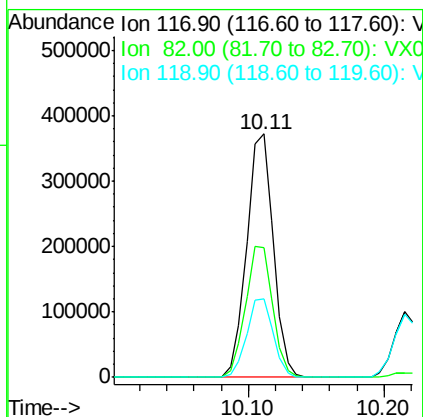
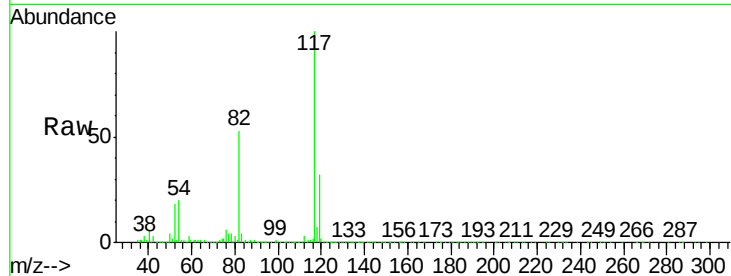
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	43.3	64.9
119	32.0	25.8	38.8

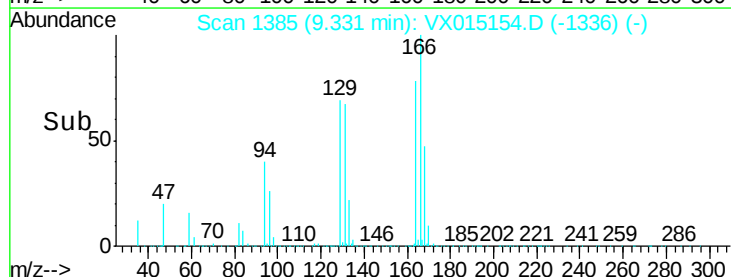
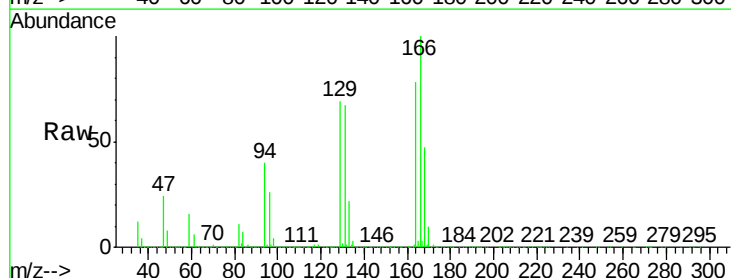
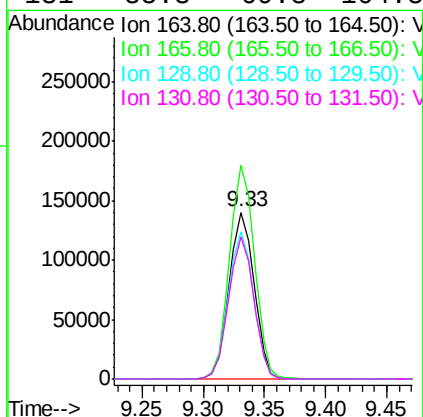
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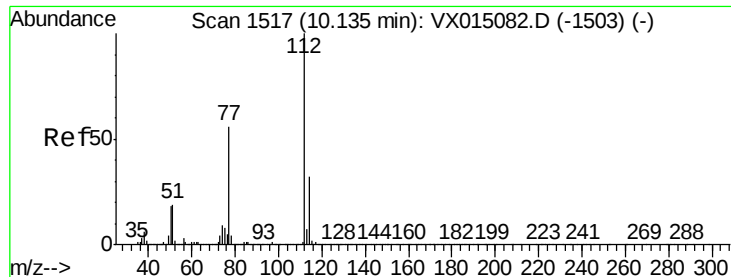
MMDadoda
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#64
Tetrachloroethene
Concen: 46.964 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.1	101.1	151.7
129	88.4	69.4	104.0
131	85.3	69.8	104.8





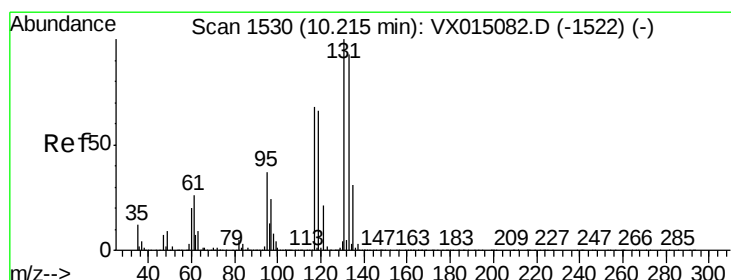
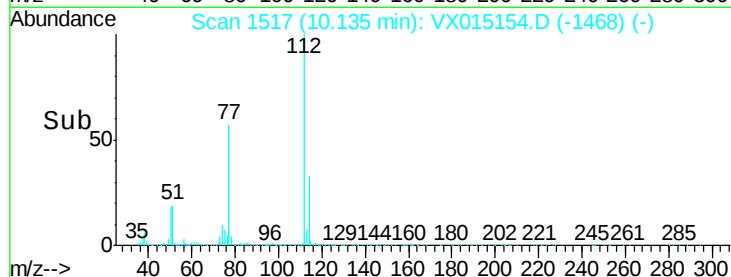
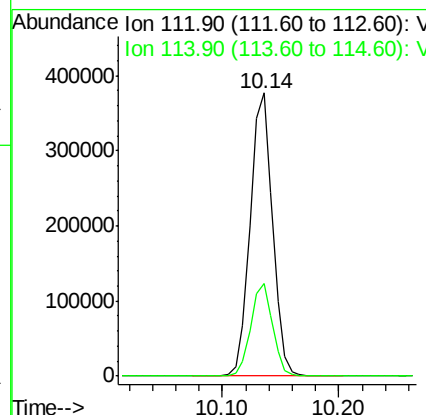
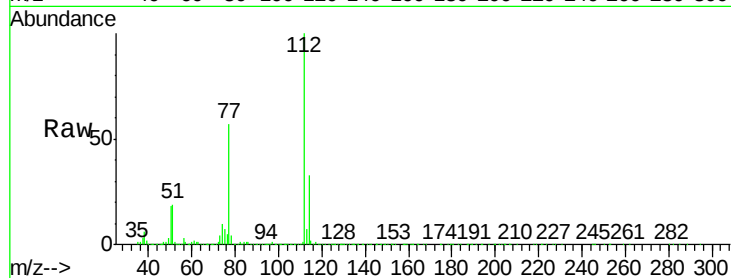
#65
Chlorobenzene
Concen: 49.199 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.7	25.5	38.3

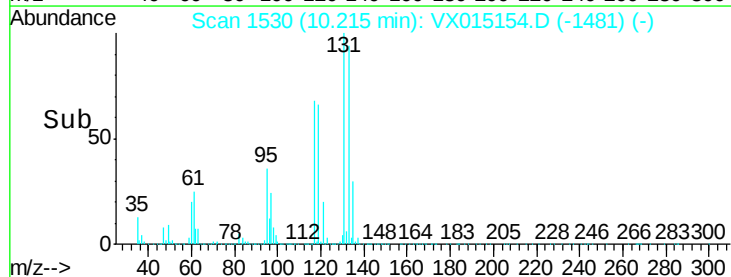
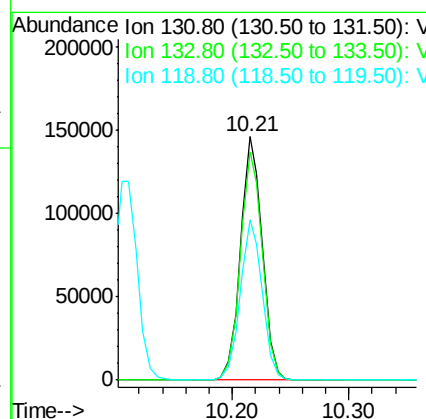
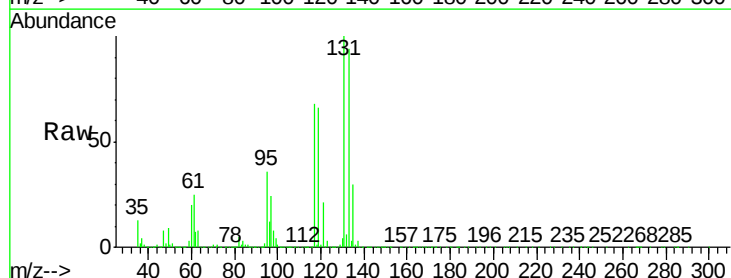
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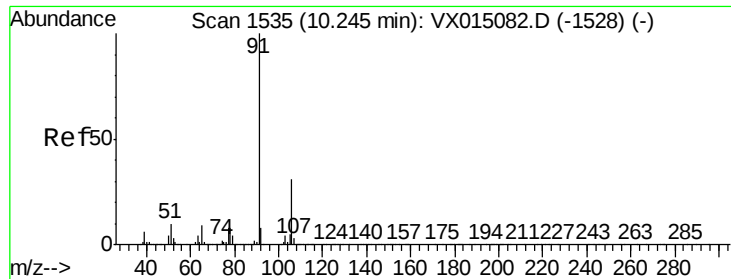
MMDadoda
3/11/2020 4:45:09 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.913 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	47.5	142.5
119	66.1	33.4	100.1





#67

Ethyl Benzene

Concen: 51.380 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 896349

Ion Ratio Lower Upper

91 100

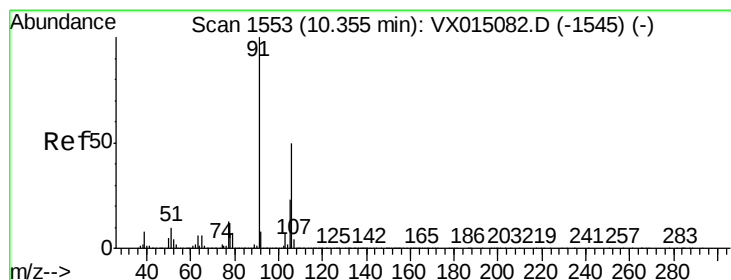
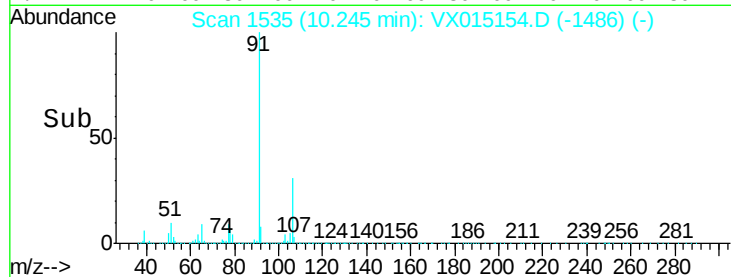
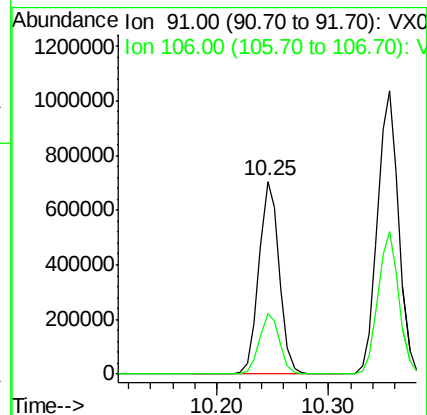
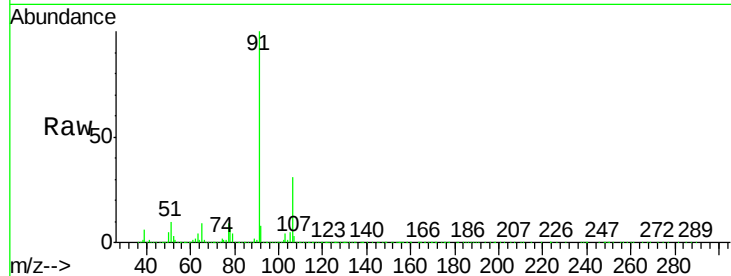
106 31.3 24.9 37.3

Manual Integrations

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3/11/2020 4:45:09 PM



#68

m/p-Xylenes

Concen: 102.838 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015154.D

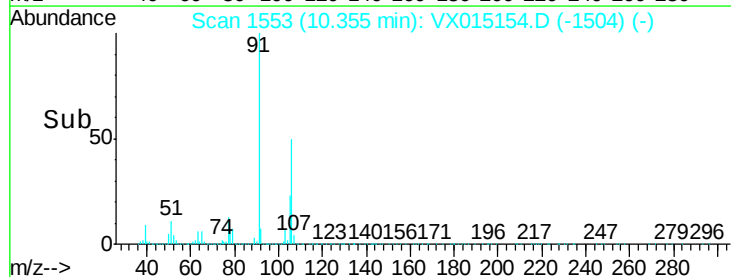
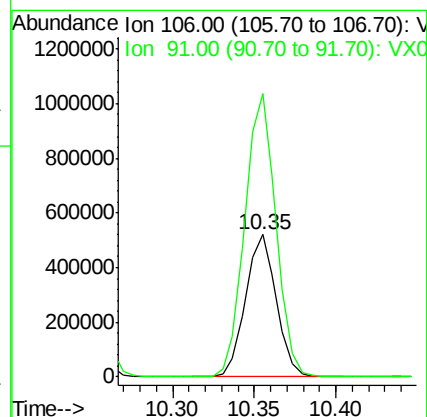
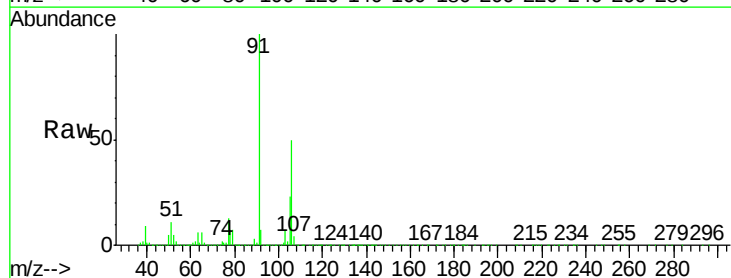
Acq: 09 Mar 2020 19:30

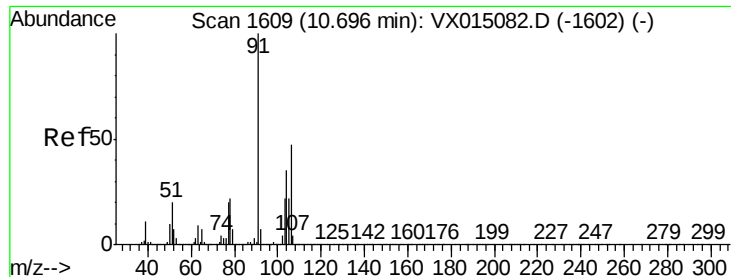
Tgt Ion: 106 Resp: 682583

Ion Ratio Lower Upper

106 100

91 201.2 159.4 239.2





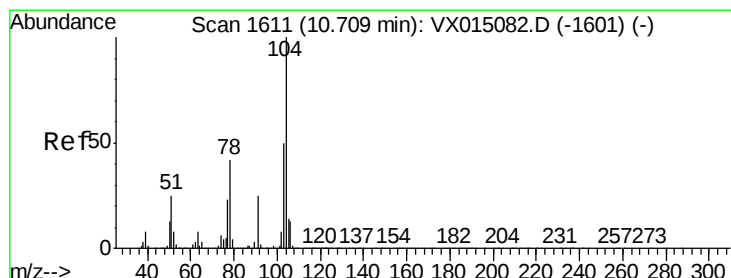
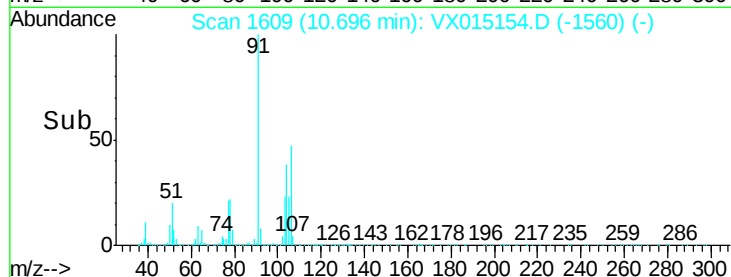
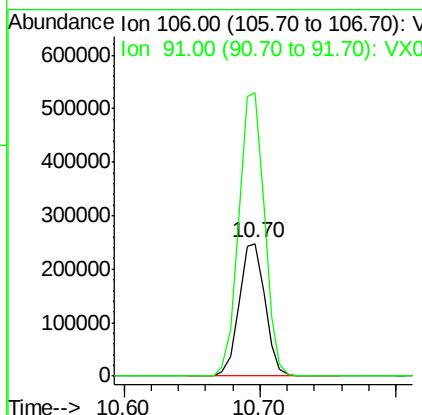
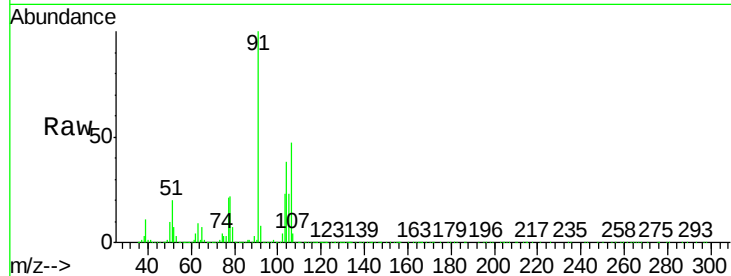
#69
o-Xylene
Concen: 51.463 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.7	105.4	316.1

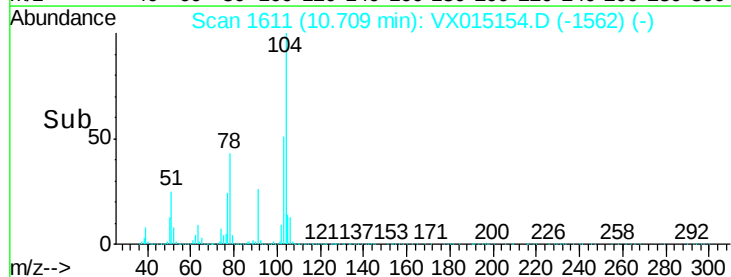
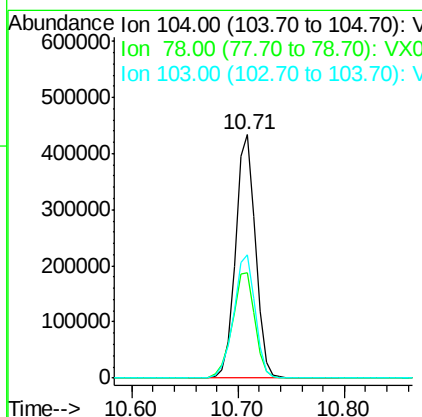
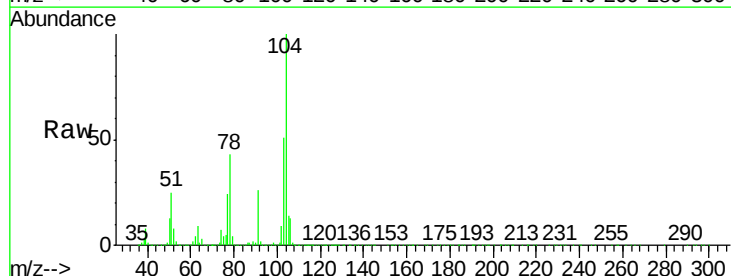
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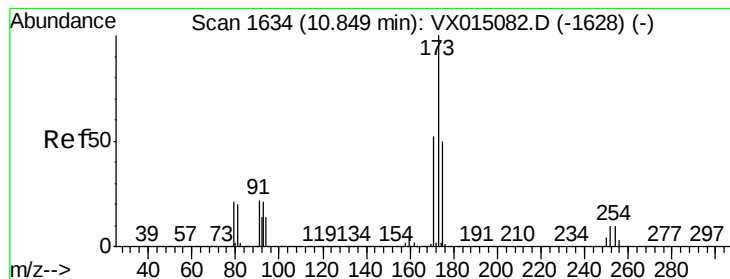
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3/11/2020 4:45:09 PM



#70
Styrene
Concen: 52.346 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.7	39.0	58.4
103	54.5	43.7	65.5





#71

Bromoform

Concen: 51.279 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 154047

Ion Ratio Lower Upper

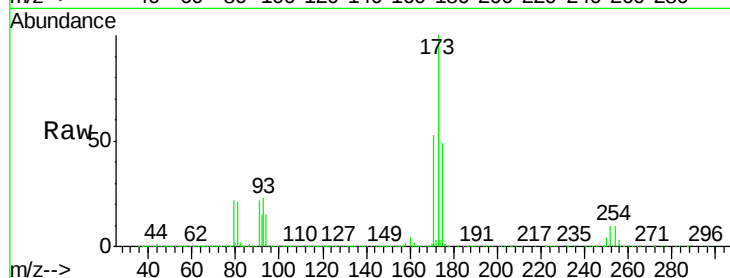
173 100

175 49.7 24.9 74.7

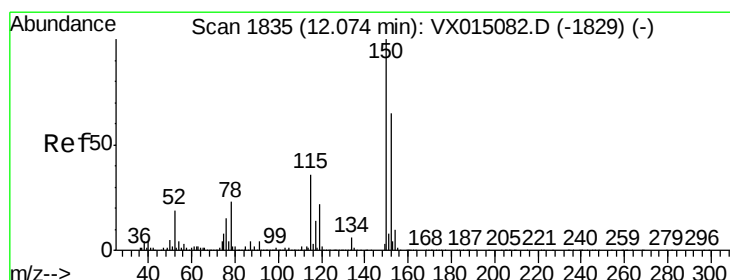
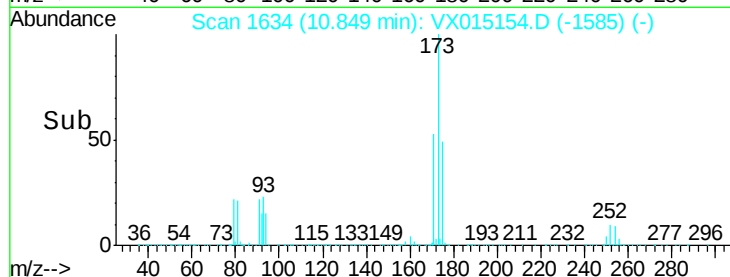
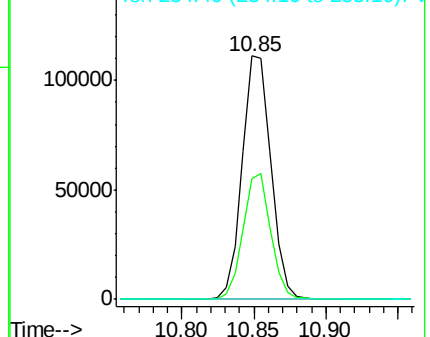
254 0.3 0.2 0.2#

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Abundance Ion 172.70 (172.40 to 173.40): V
150000 Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

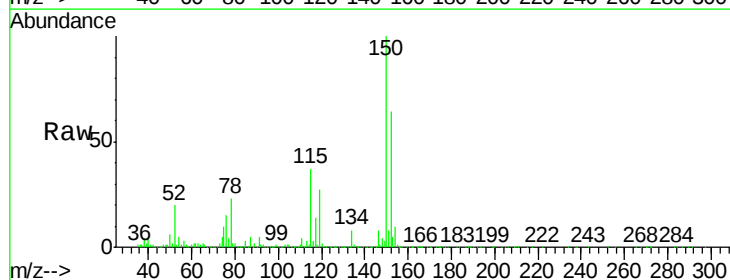
Tgt Ion:152 Resp: 278252

Ion Ratio Lower Upper

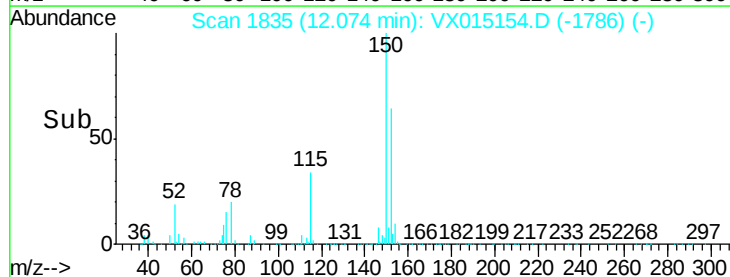
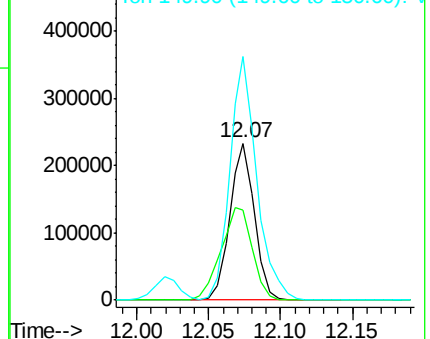
152 100

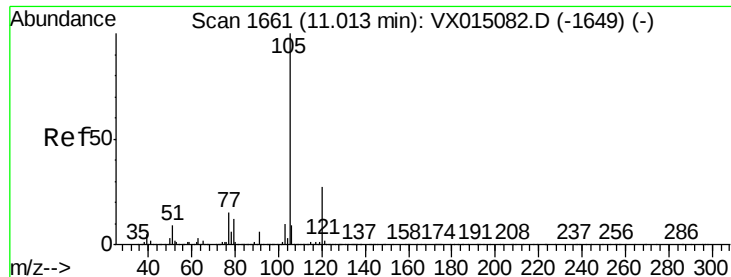
115 75.1 38.2 114.6

150 170.0 0.0 343.8



Abundance Ion 151.90 (151.60 to 152.60): V
500000 Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





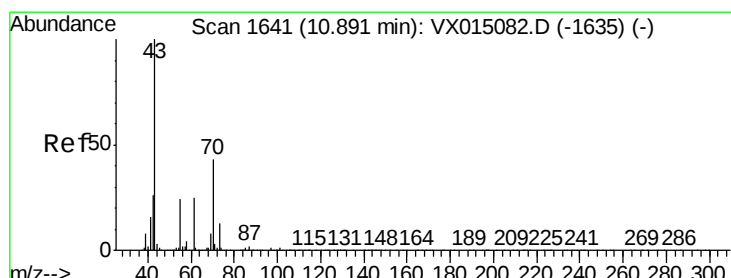
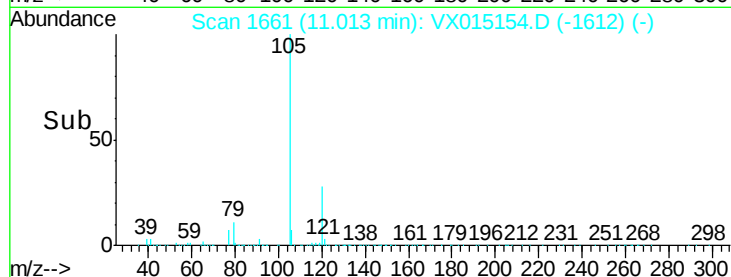
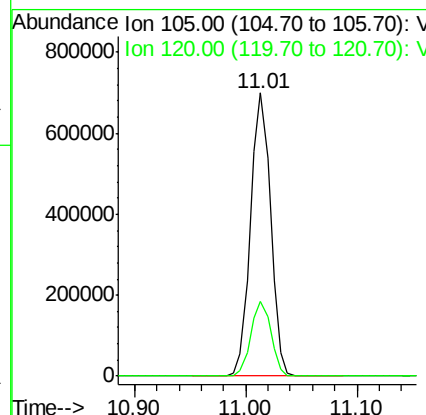
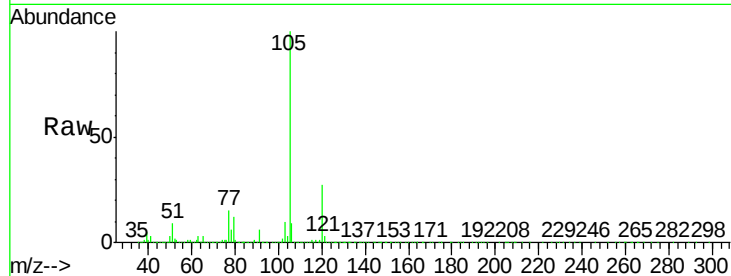
#73
Isopropylbenzene
Concen: 49.397 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.6	13.5	40.5

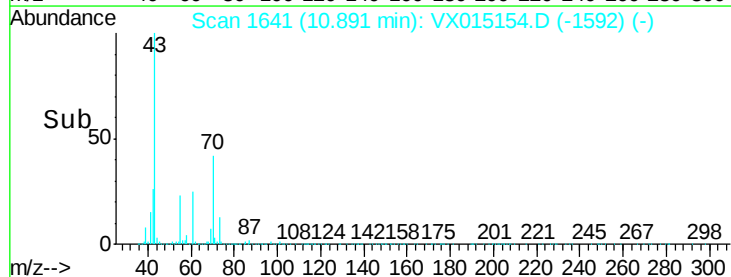
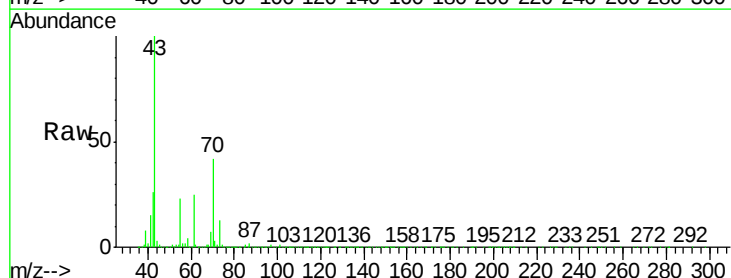
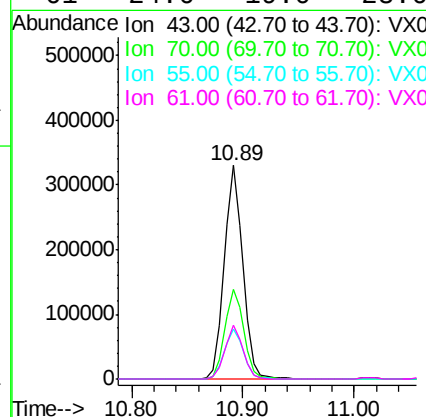
Manual Integrations
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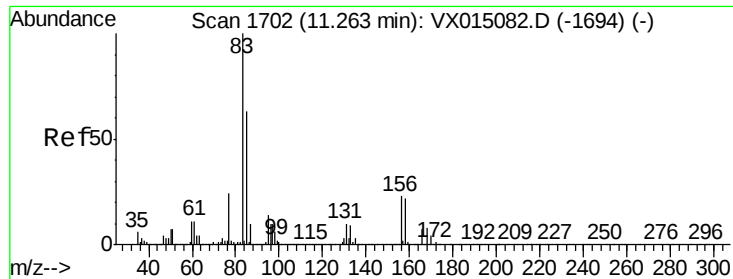
MMDadoda
3/11/2020 4:45:09 PM



#74
N-ethyl acetate
Concen: 50.724 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.1	34.7	52.1
55	24.0	19.4	29.0
61	24.6	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 47.832 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

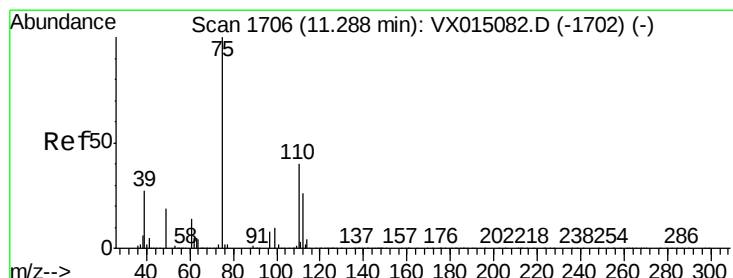
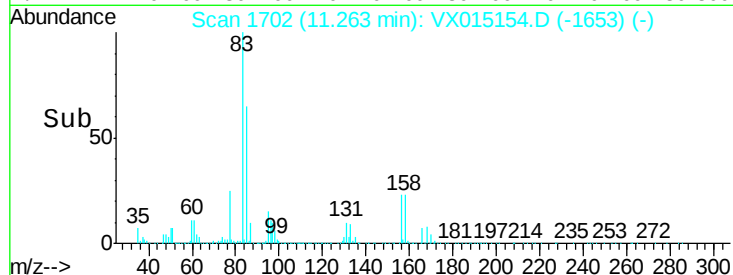
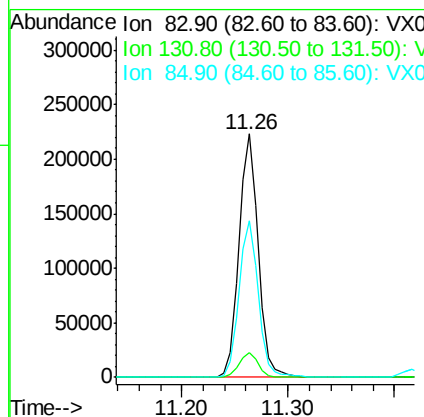
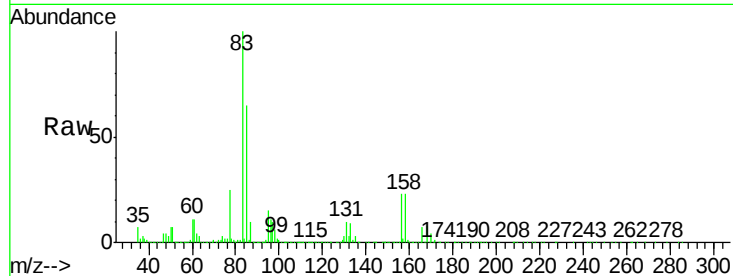
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	283344
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.0	14.9
85	64.7	31.9	95.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 41.780 ug/l m

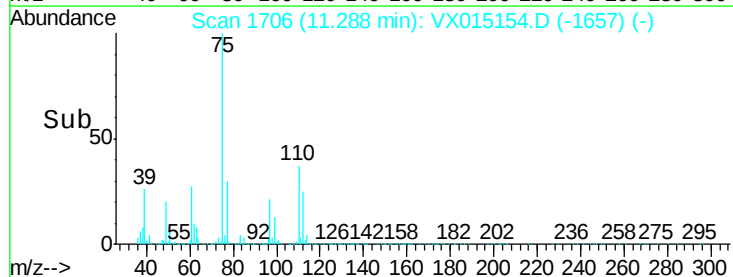
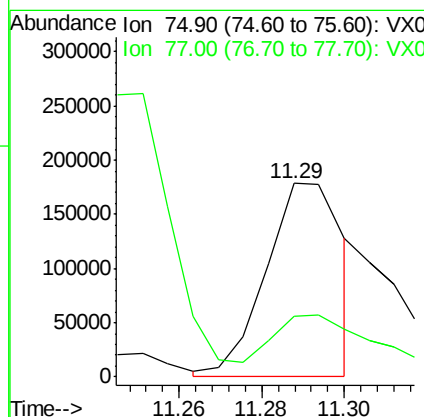
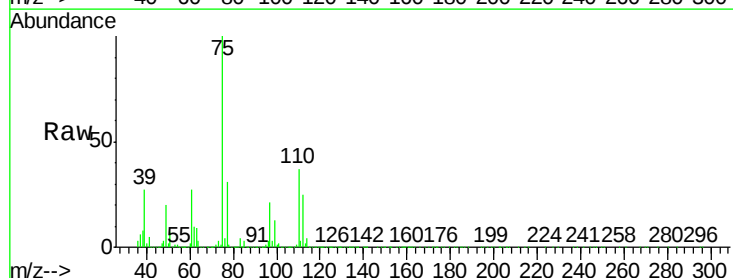
RT: 11.29 min Scan# 1706

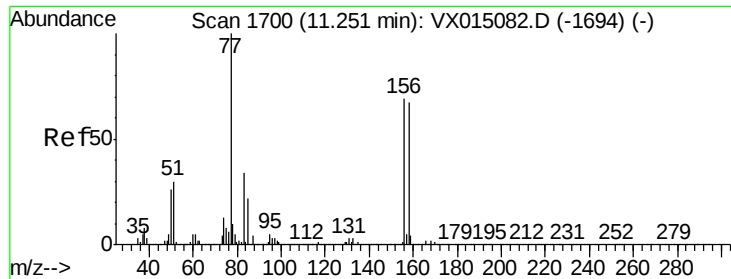
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	75	Resp:	231892
Ion Ratio	Lower	Upper	
75	100		
77	43.0	22.6	67.8





#77

Bromobenzene

Concen: 46.861 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

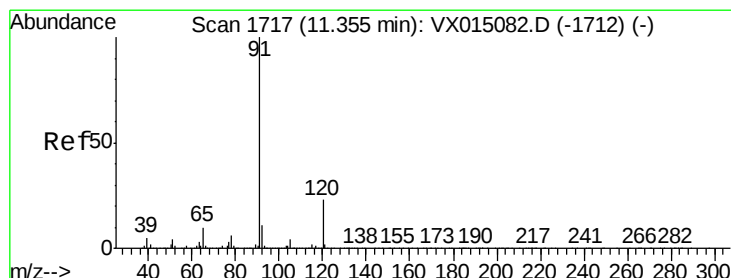
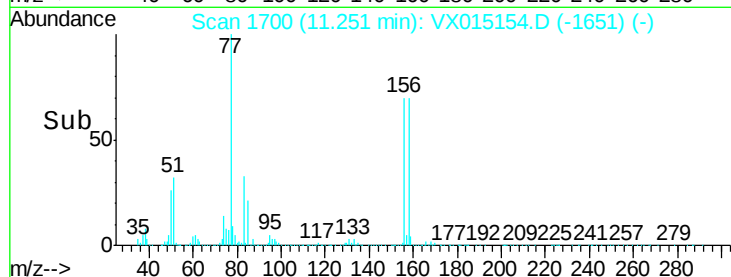
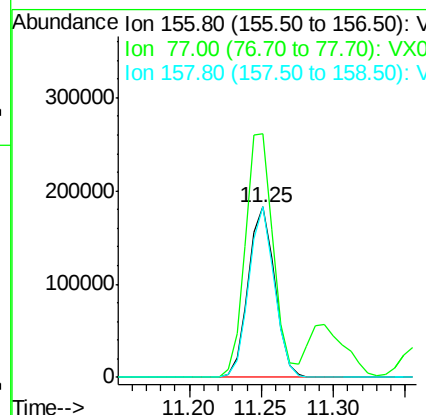
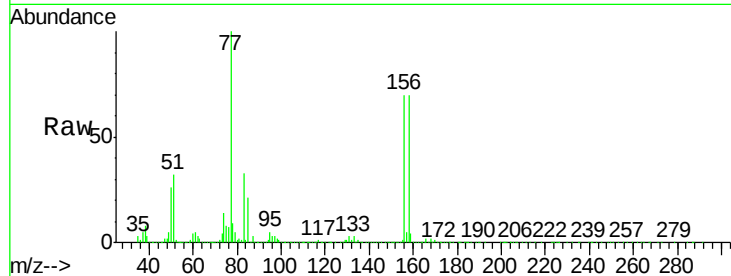
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	232135
Ion Ratio	Lower	Upper	
156	100		
77	151.5	75.3	225.9
158	96.5	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 49.863 ug/l

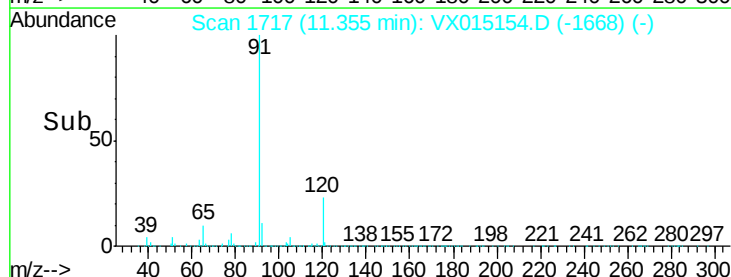
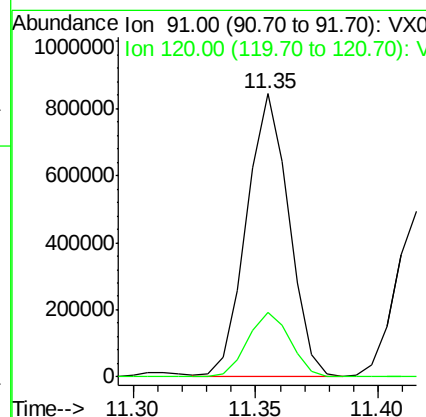
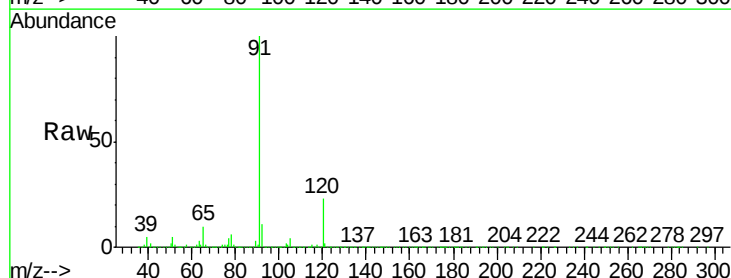
RT: 11.35 min Scan# 1717

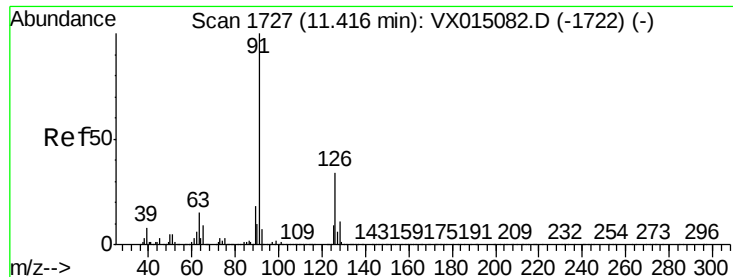
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	91	Resp:	1012578
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.7	35.1





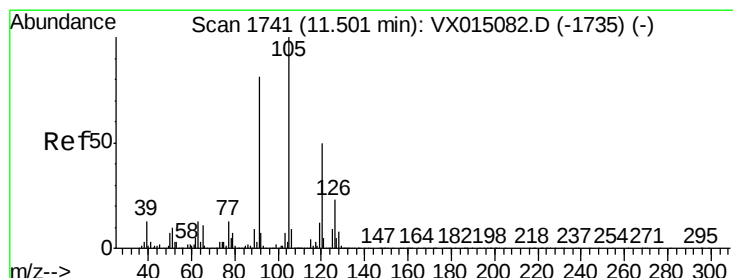
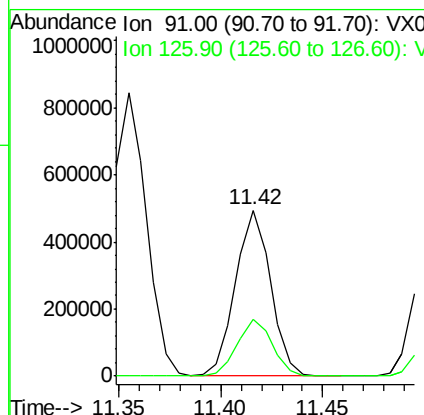
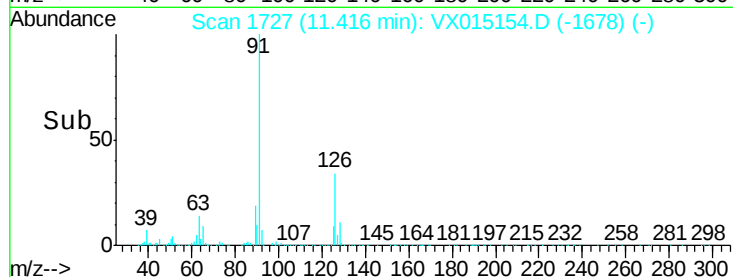
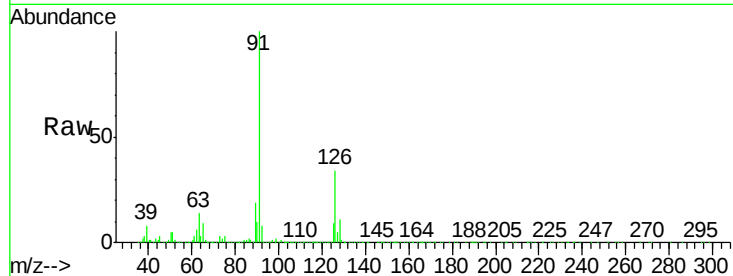
#79
 2-Chlorotoluene
 Concen: 48.559 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 588897
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.3 52.0

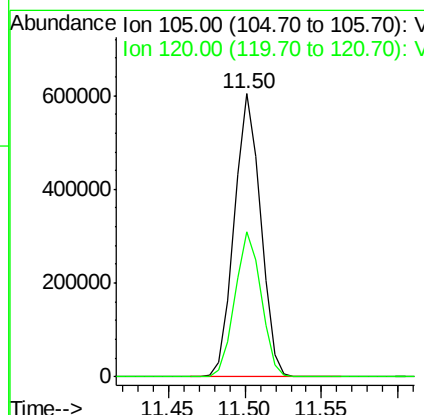
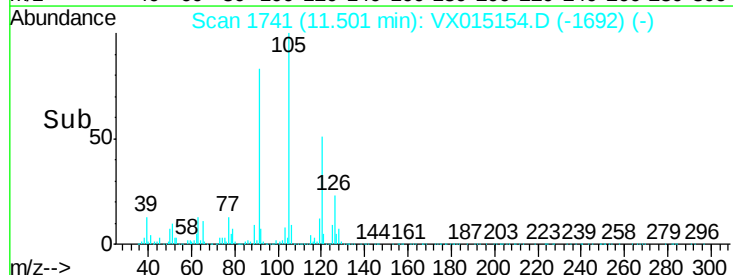
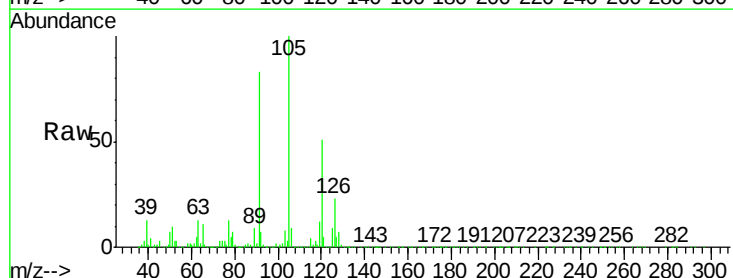
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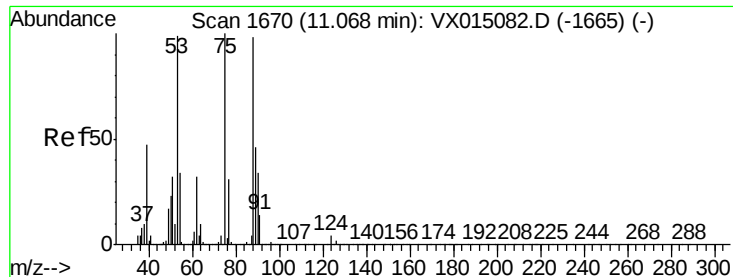
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#80
 1,3,5-Trimethylbenzene
 Concen: 48.672 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion: 105 Resp: 720199
 Ion Ratio Lower Upper
 105 100
 120 50.9 25.1 75.4





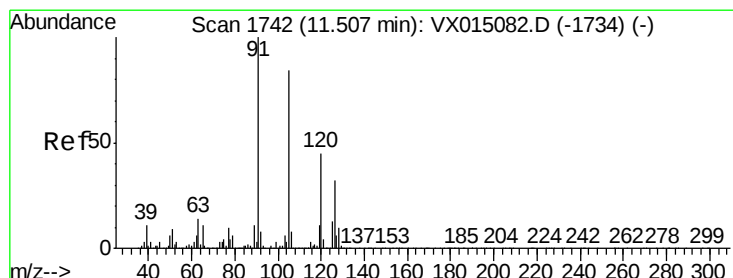
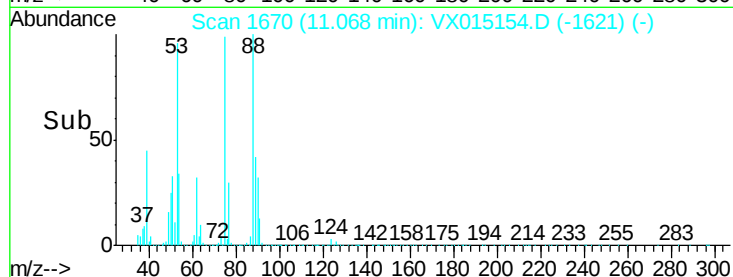
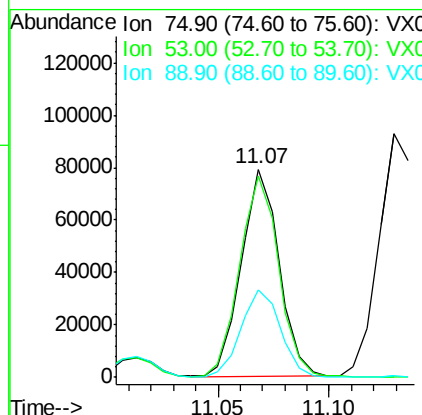
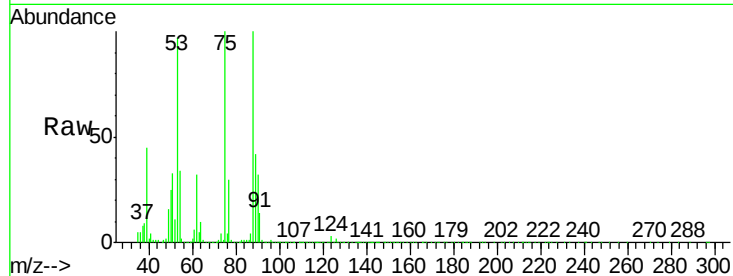
#81
trans-1,4-Dichloro-2-butene
Concen: 48.023 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.5	77.9	116.9
89	44.1	36.2	54.2

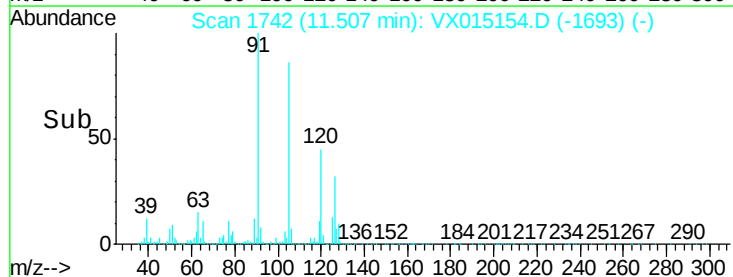
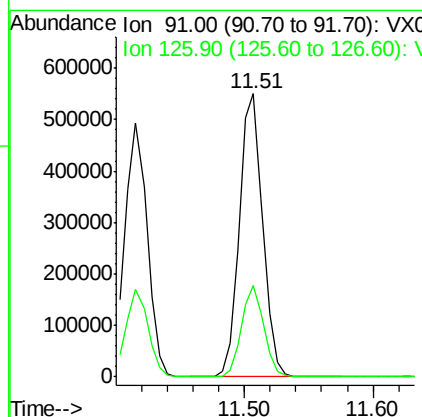
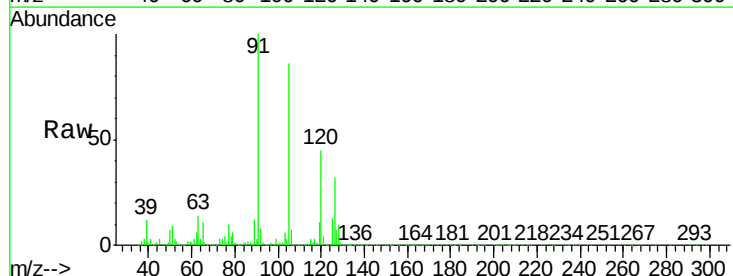
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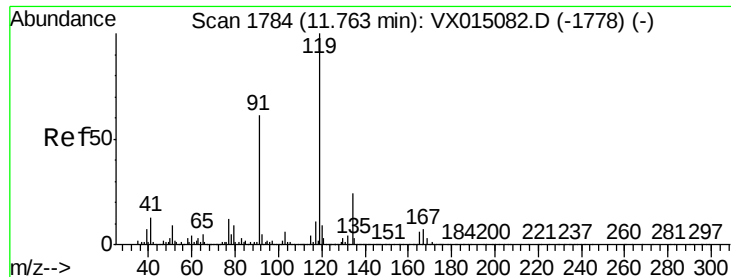
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#82
4-Chlorotoluene
Concen: 48.088 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





#83

tert-Butylbenzene

Concen: 49.988 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

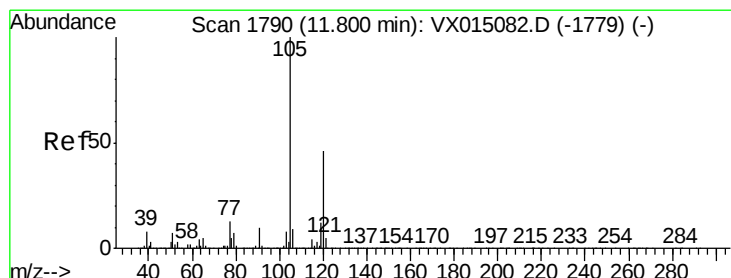
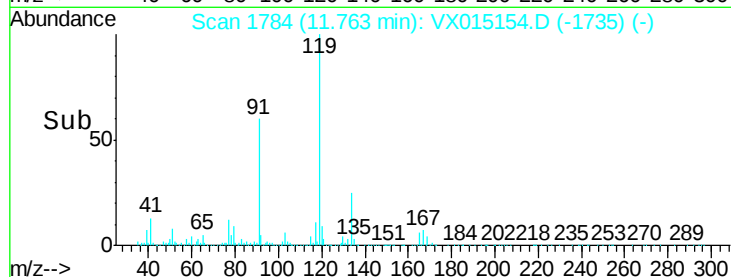
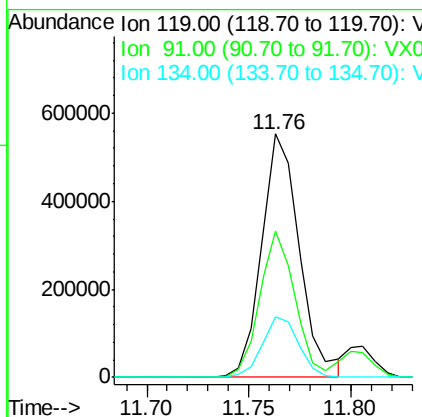
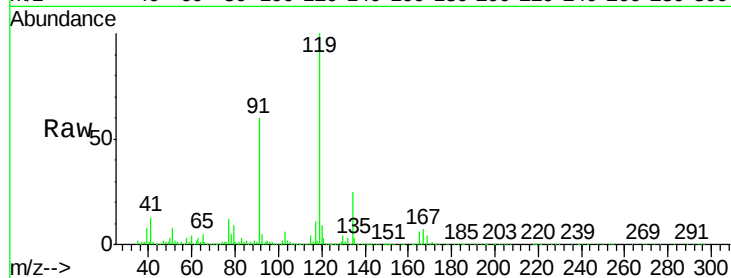
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	715207
Ion Ratio	Lower	Upper	
119	100		
91	55.5	28.5	85.6
134	23.9	11.9	35.7

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.892 ug/l

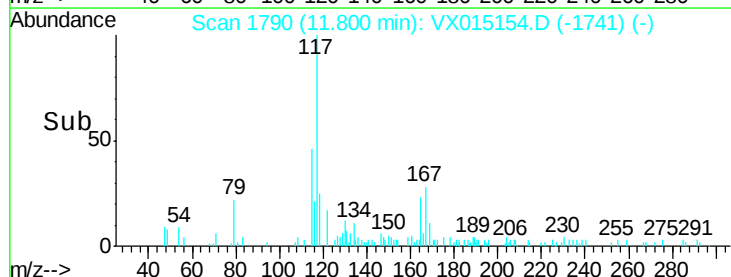
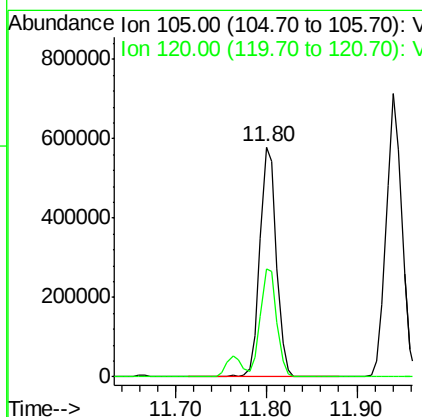
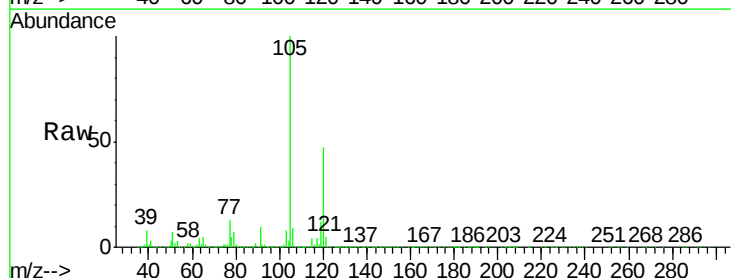
RT: 11.80 min Scan# 1790

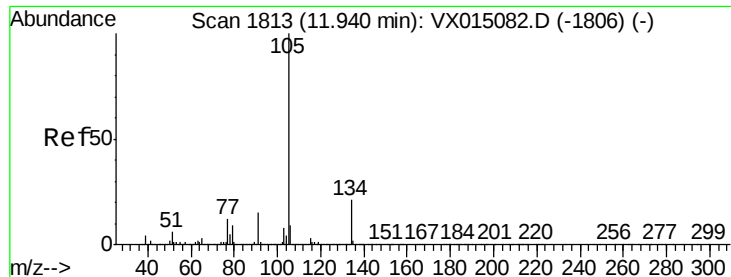
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	105	Resp:	726785
Ion Ratio	Lower	Upper	
105	100		
120	46.4	22.9	68.5





#85

sec-Butylbenzene

Concen: 49.378 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 852844

Ion Ratio Lower Upper

105 100

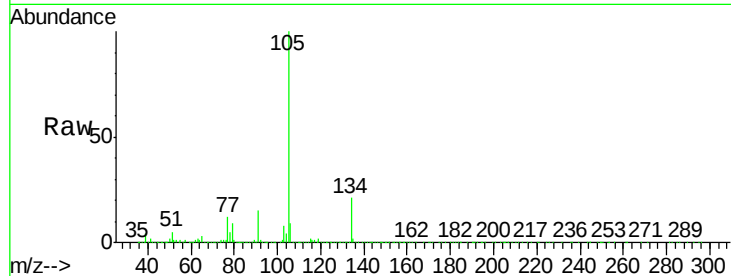
134 20.6 10.4 31.2

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

800000

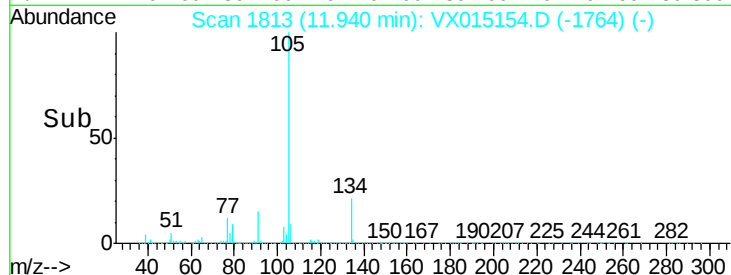
600000

400000

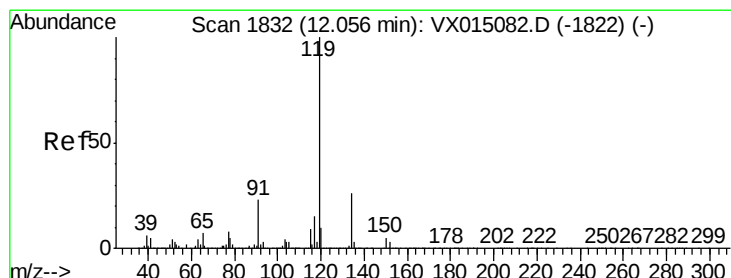
200000

0

11.90 11.95 12.00



Time-->



#86

p-Isopropyltoluene

Concen: 49.344 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

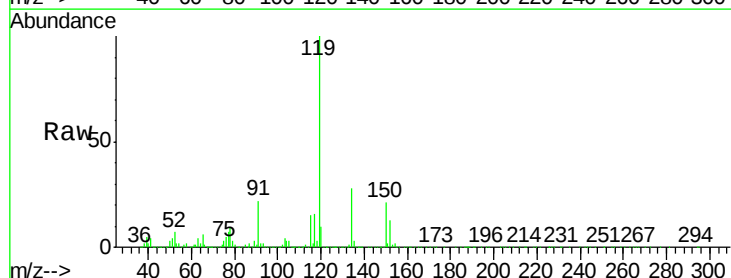
Tgt Ion:119 Resp: 785192

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 22.7 11.3 33.8



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): V

800000

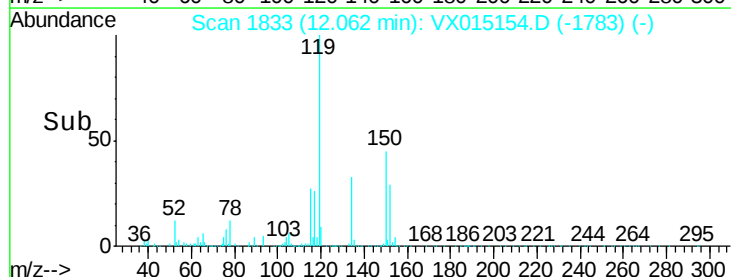
600000

400000

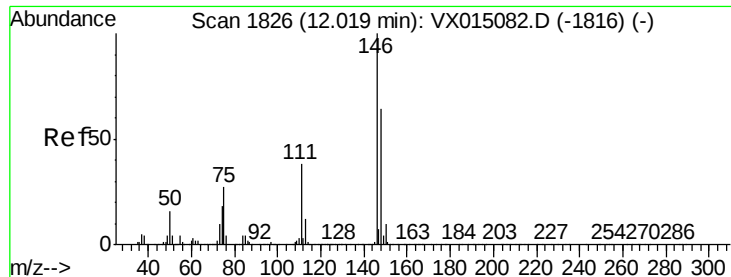
200000

0

12.00 12.10



Time-->



#87

1,3-Dichlorobenzene

Concen: 47.188 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015154.D

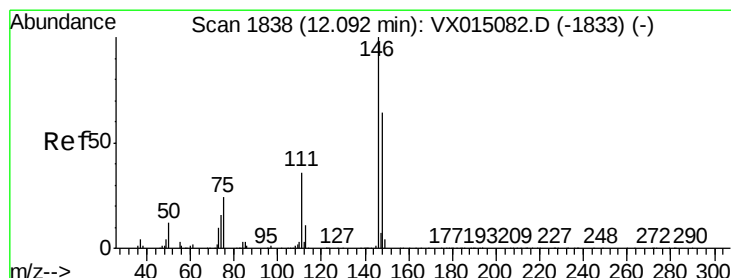
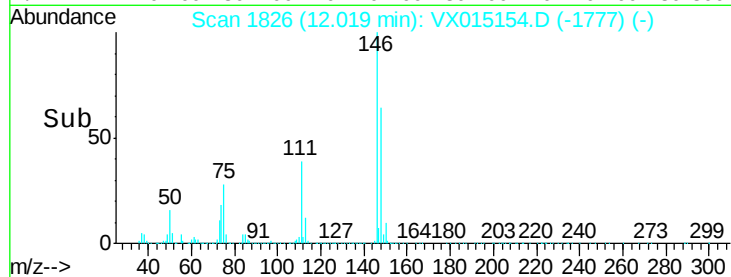
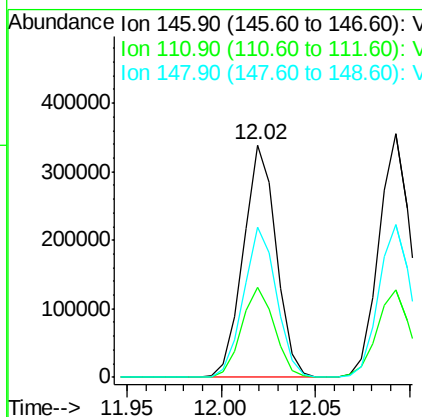
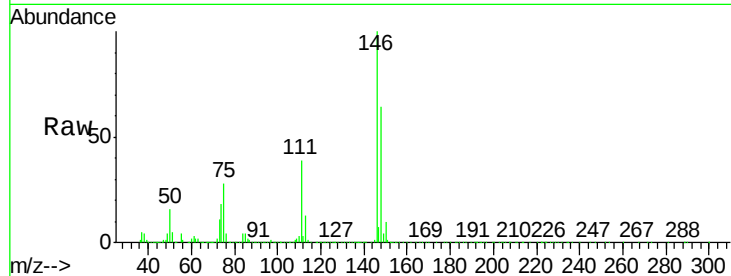
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.1	57.1
148	64.6	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 46.817 ug/l

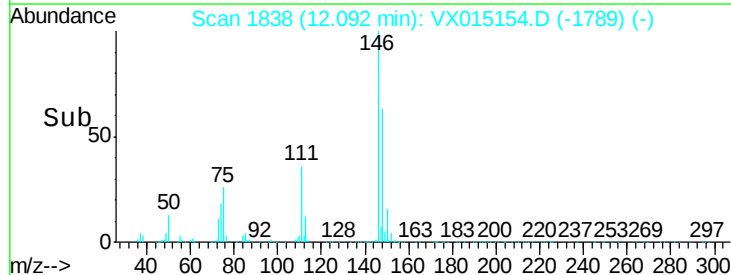
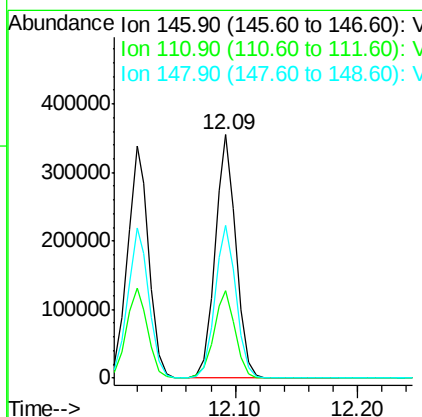
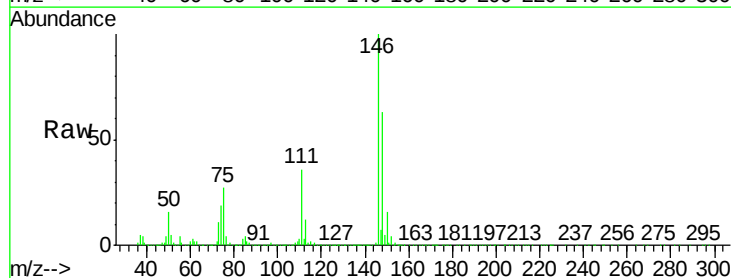
RT: 12.09 min Scan# 1838

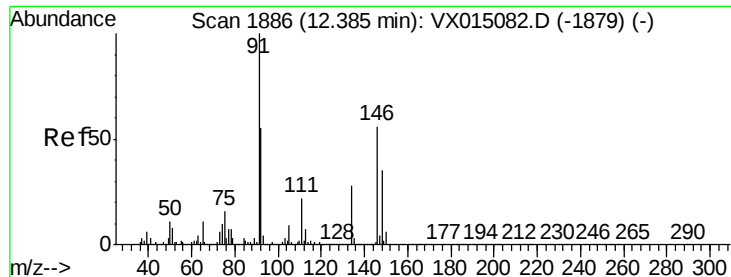
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.7	56.1
148	63.5	32.5	97.4





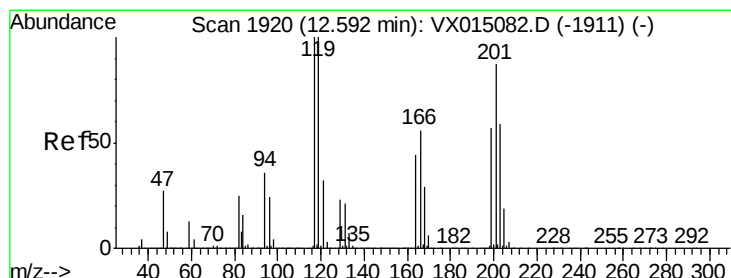
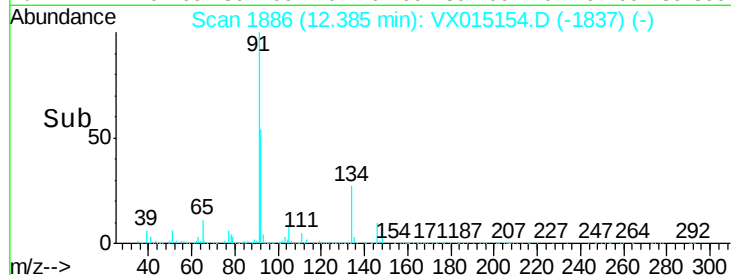
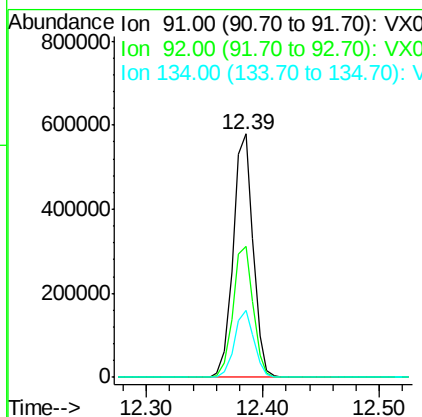
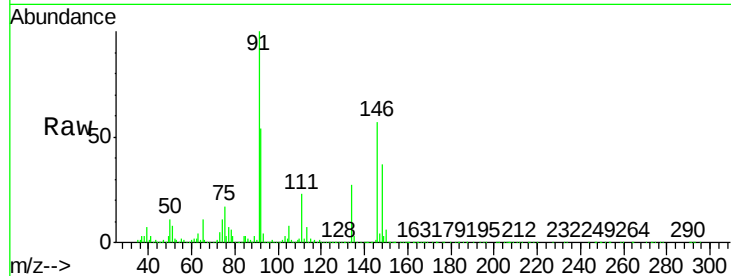
#89
n-Butylbenzene
Concen: 48.654 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	688596		
92	54.6		27.2	81.6
134	26.8		13.5	40.5

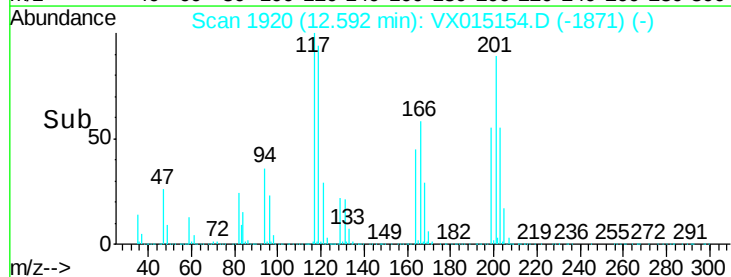
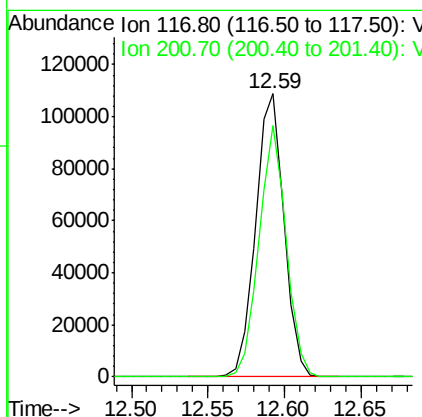
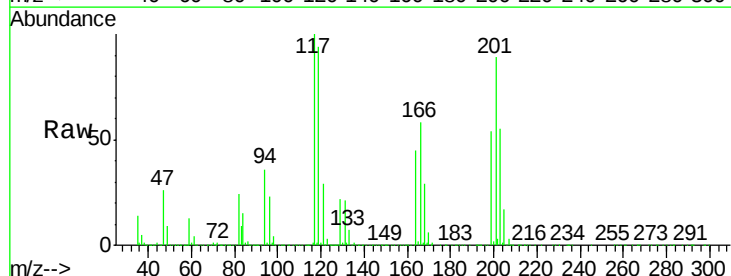
Manual Integrations
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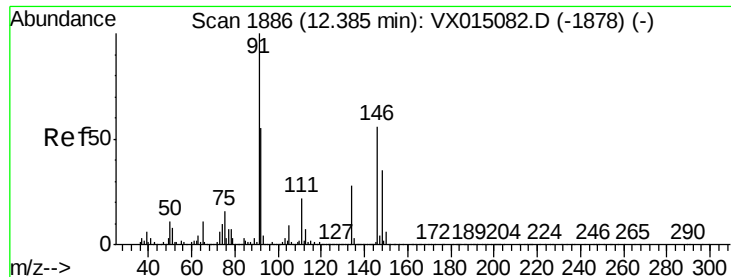
MMDadoda
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#90
Hexachloroethane
Concen: 46.554 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	140050		
201	85.8		43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 46.366 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Instrument :

MSVOA_X

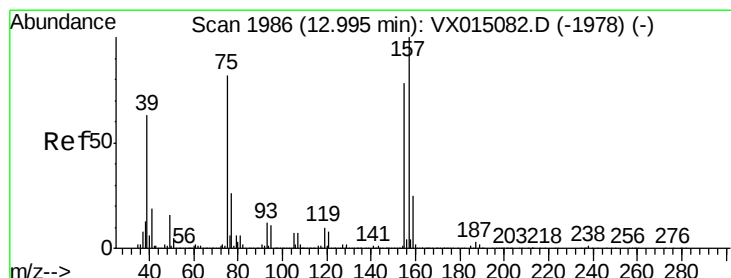
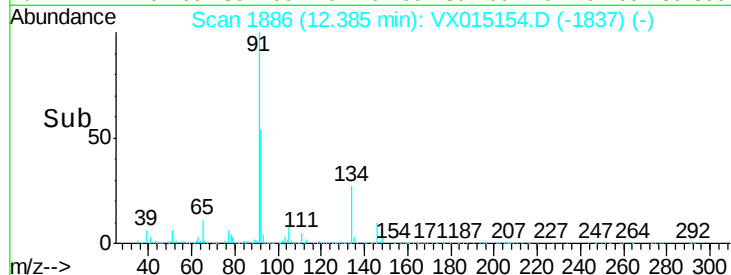
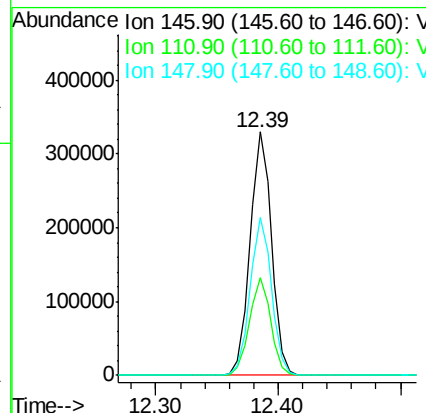
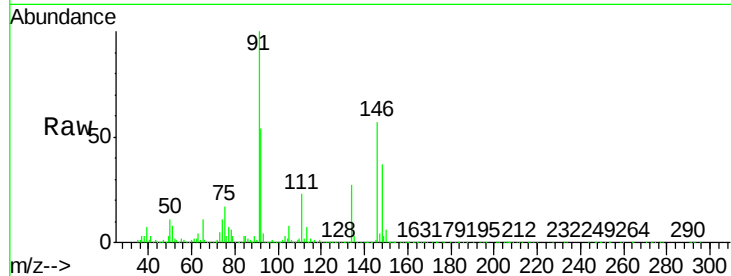
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	401433
Ion Ratio	Lower	Upper	
146	100		
111	39.7	19.9	59.7
148	64.8	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.885 ug/l

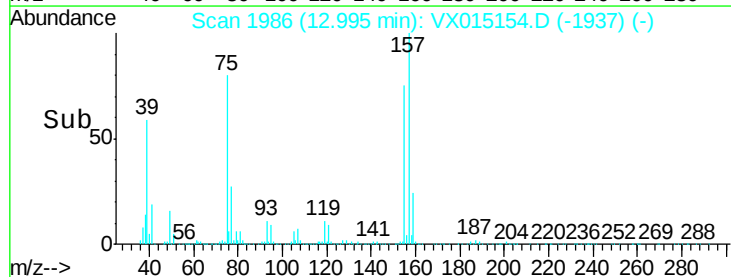
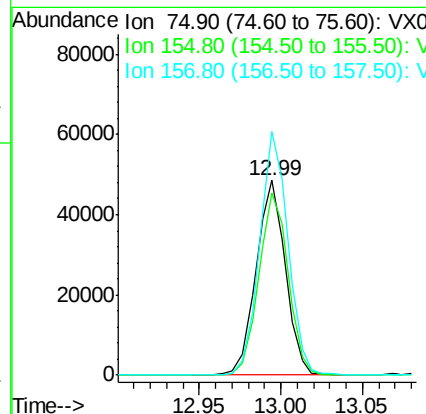
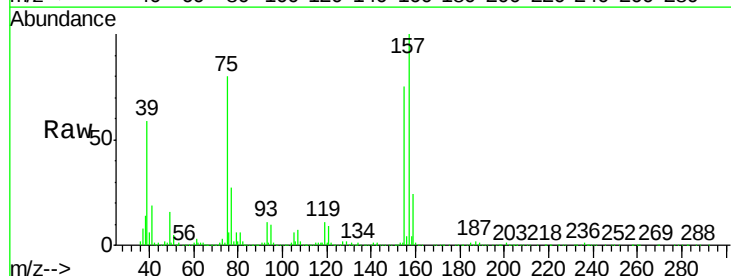
RT: 12.99 min Scan# 1986

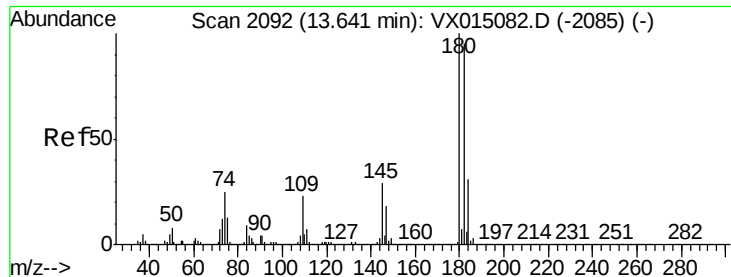
Delta R.T. 0.00 min

Lab File: VX015154.D

Acq: 09 Mar 2020 19:30

Tgt Ion:	75	Resp:	60360
Ion Ratio	Lower	Upper	
75	100		
155	94.1	46.6	139.7
157	122.5	59.2	177.5





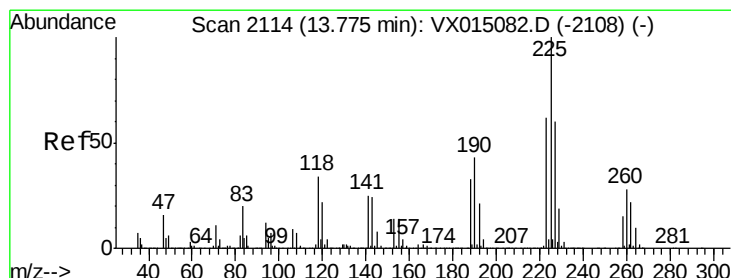
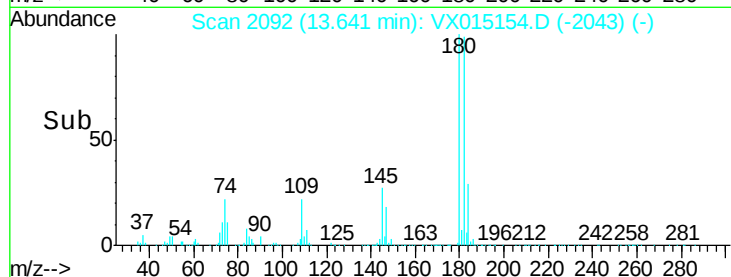
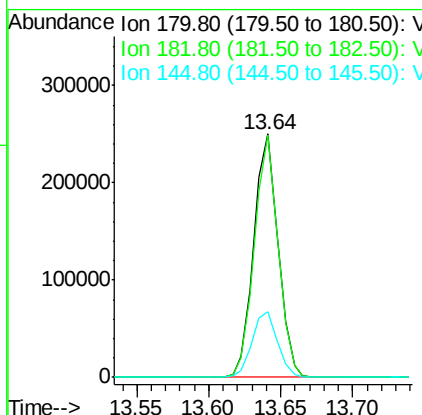
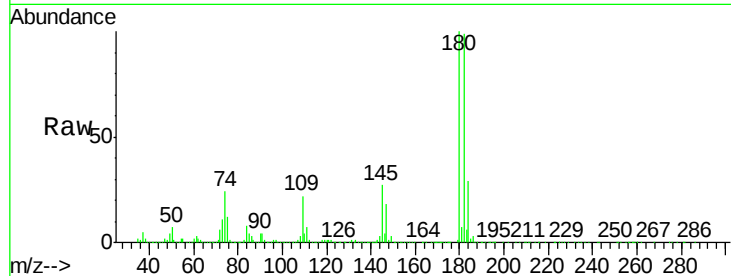
#93
 1,2,4-Trichlorobenzene
 Concen: 48.206 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.1	47.6	142.8
145	28.4	14.1	42.2

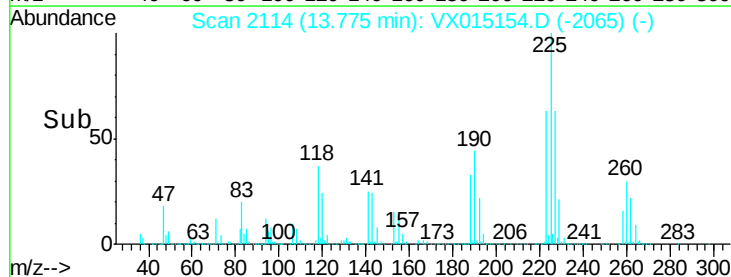
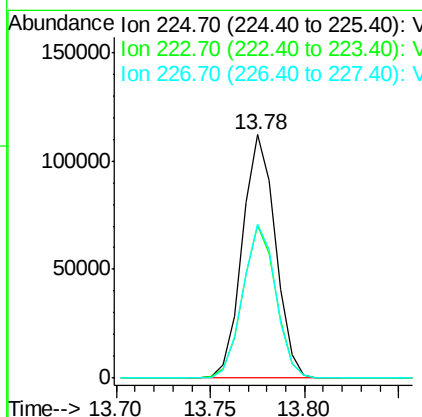
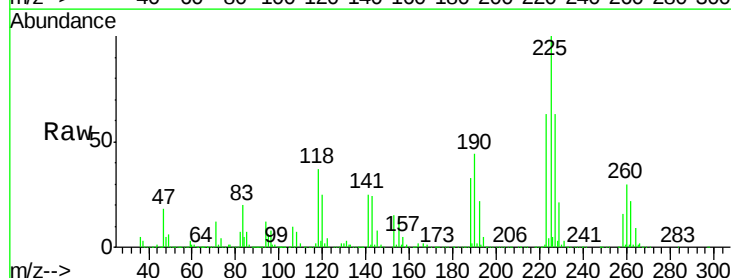
Manual Integrations
 APPROVED

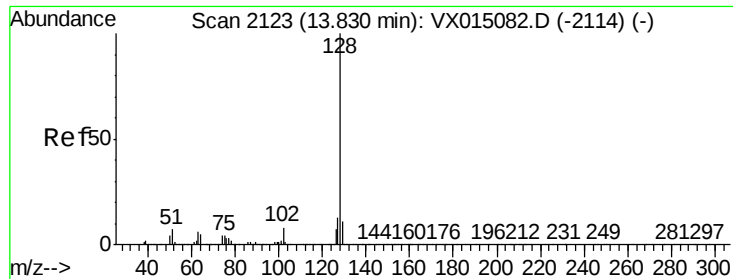
MMDadoda
 3/11/2020 4:45:09 PM



#94
 Hexachlorobutadiene
 Concen: 44.258 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015154.D
 Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.3	93.9
227	62.9	31.1	93.2





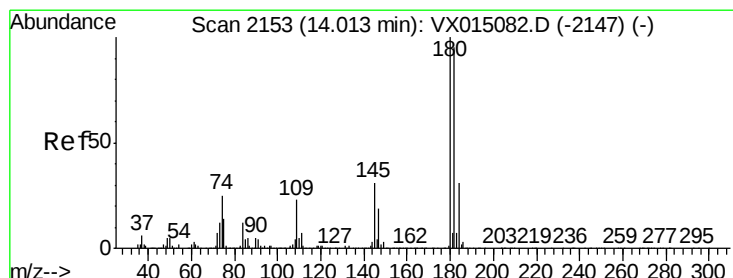
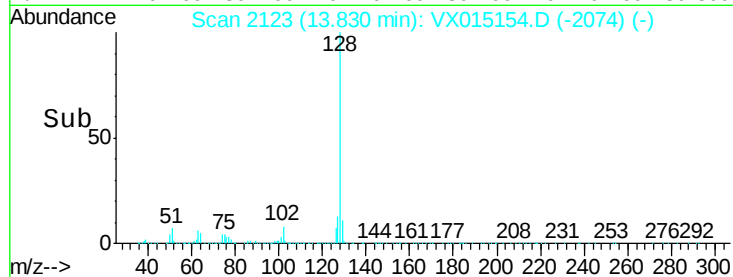
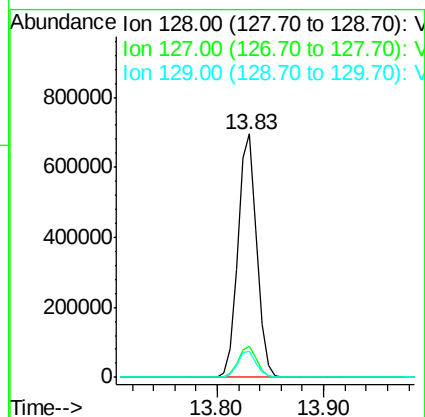
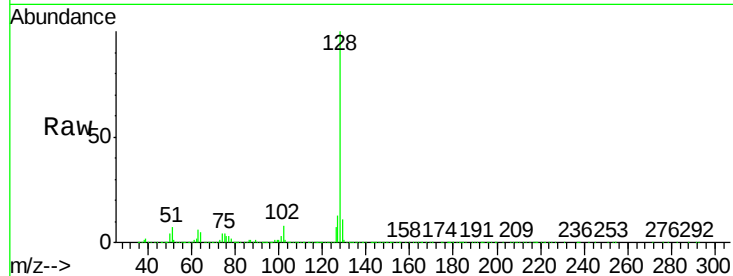
#95
Naphthalene
Concen: 46.721 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/11/2020 4:45:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.637 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015154.D
Acq: 09 Mar 2020 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	47.8	143.4
145	29.7	15.1	45.3

