

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012887.D
 Acq On : 08 Oct 2019 13:00
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:45 AM

Quant Time: Oct 09 01:52:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	176389	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303097	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	134493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	341591	135.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	270.42%	
35) Dibromofluoromethane	5.48	113	272980	150.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.68%	
50) Toluene-d8	8.71	98	1041891	148.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.16%	
62) 4-Bromofluorobenzene	11.14	95	419514	152.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	283230	141.832	ug/l	98
3) Chloromethane	1.31	50	293798	130.290	ug/l	97
4) Vinyl Chloride	1.40	62	315260	140.129	ug/l	99
5) Bromomethane	1.62	94	122195	137.049	ug/l	97
7) Trichlorofluoromethane	1.91	101	423743	134.410	ug/l	99
8) Diethyl Ether	2.18	74	169268	131.577	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	271610	140.671	ug/l	99
10) Methyl Iodide	2.49	142	319478	174.136	ug/l	100
11) Tert butyl alcohol	3.06	59	452174	716.634	ug/l	100
12) 1,1-Dichloroethene	2.36	96	274615	145.311	ug/l	94
13) Acrolein	2.28	56	321454	923.940	ug/l	100
14) Allvl chloride	2.71	41	505441	136.315	ug/l	99
15) Acrylonitrile	3.14	53	871975	679.285	ug/l	100
16) Acetone	2.44	43	828546	619.083	ug/l	100
17) Carbon Disulfide	2.55	76	784000	147.714	ug/l	99
18) Methyl Acetate	2.76	43	413874	130.868	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	979352	138.049	ug/l	98
20) Methylene Chloride	2.84	84	311770	135.968	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	296154	141.660	ug/l	99
22) Diisopropyl ether	3.85	45	942790	131.515	ug/l	96
23) Vinyl Acetate	3.81	43	4211340	672.108	ug/l	100
24) 1,1-Dichloroethane	3.69	63	539651	138.186	ug/l	99
25) 2-Butanone	4.67	43	1261853	658.944	ug/l	99
26) 2,2-Dichloropropane	4.57	77	455174	131.712	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	338484	139.588	ug/l	100
28) Bromochloromethane	5.00	49	152058	109.767	ug/l	99
29) Tetrahydrofuran	5.12	42	784224	670.814	ug/l	99
30) Chloroform	5.20	83	532703	133.006	ug/l	99
31) Cyclohexane	5.56	56	492426	138.940	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	484076	137.097	ug/l	99
36) 1,1-Dichloropropene	5.79	75	415759	141.568	ug/l	99
37) Ethyl Acetate	4.83	43	469089	138.349	ug/l	99
38) Carbon Tetrachloride	5.78	117	420675	142.317	ug/l	99
39) Methylcyclohexane	7.46	83	511652	144.149	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.14	78	1225157	142.164	ug/l	98
41) Methacrylonitrile	5.03	41	259360	136.876	ug/l	98
42) 1,2-Dichloroethane	6.18	62	434883	134.061	ug/l	99
43) Isopropyl Acetate	6.43	43	774713	136.928	ug/l	99
44) Trichloroethene	7.20	130	321084	144.715	ug/l	94
45) 1,2-Dichloropropane	7.51	63	312000	141.425	ug/l	100
46) Dibromomethane	7.65	93	210889	140.602	ug/l	98
47) Bromodichloromethane	7.89	83	434699	145.733	ug/l	99
48) Methyl methacrylate	7.76	41	381471	140.764	ug/l	99
49) 1,4-Dioxane	7.74	88	192773	3095.224	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	2393075	685.132	ug/l	100
52) Toluene	8.78	92	781075	144.277	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	503998	152.567	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	533126	147.598	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	312081	145.026	ug/l	99
56) Ethyl methacrylate	9.17	69	550467	152.679	ug/l	99
57) 1,3-Dichloropropane	9.37	76	535080	142.169	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1164334	724.099	ug/l	99
59) 2-Hexanone	9.49	43	1844017	691.138	ug/l	99
60) Dibromochloromethane	9.58	129	339740	155.816	ug/l	99
61) 1,2-Dibromoethane	9.67	107	333968	149.109	ug/l	100
64) Tetrachloroethene	9.33	164	270307	137.799	ug/l	93
65) Chlorobenzene	10.14	112	834140	142.403	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	312036	147.066	ug/l	99
67) Ethyl Benzene	10.25	91	1515477	142.700	ug/l	97
68) m/p-Xylenes	10.35	106	1139464	286.662	ug/l	100
69) o-Xylene	10.70	106	559636	145.285	ug/l	98
70) Stvrene	10.71	104	994973	153.936	ug/l	100
71) Bromoform	10.85	173	256350	172.484	ug/l	100
73) Isopropylbenzene	11.01	105	1470049	134.112	ug/l	100
74) N-amyl acetate	10.89	43	696744	135.459	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	485267	134.457	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	450279m	130.874	ug/l	
77) Bromobenzene	11.25	156	350691	140.850	ug/l	100
78) n-propylbenzene	11.35	91	1696951	138.232	ug/l	99
79) 2-Chlorotoluene	11.42	91	1027536	133.874	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1272279	138.504	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	184501	151.032	ug/l	96
82) 4-Chlorotoluene	11.51	91	1176797	134.404	ug/l	99
83) tert-Butylbenzene	11.77	119	1243763	139.787	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1309806	141.059	ug/l	100
85) sec-Butylbenzene	11.94	105	1415873	136.907	ug/l	99
86) p-Isopropyltoluene	12.06	119	1375121	147.485	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	653806	145.378	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	654267	144.524	ug/l	99
89) n-Butylbenzene	12.38	91	1153301	140.972	ug/l	98
90) Hexachloroethane	12.59	117	248509	150.381	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	618454	137.962	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	124147	138.651	ug/l	99
93) 1,2,4-Trichlorobenzene	13.64	180	420156	152.610	ug/l	99

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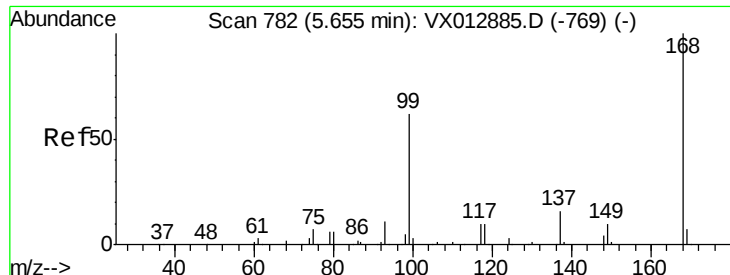
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	185127	154.913	ug/l	99
95) Naphthalene	13.83	128	1440213	146.050	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	412955	150.056	ug/l	99

(#) = 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: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 176389

Ion Ratio Lower Upper

168 100

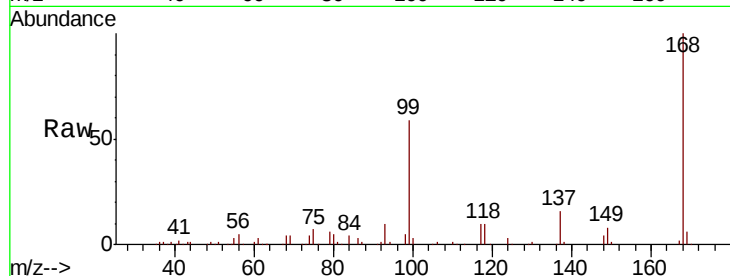
99 59.2 49.4 74.0

Manual Integrations

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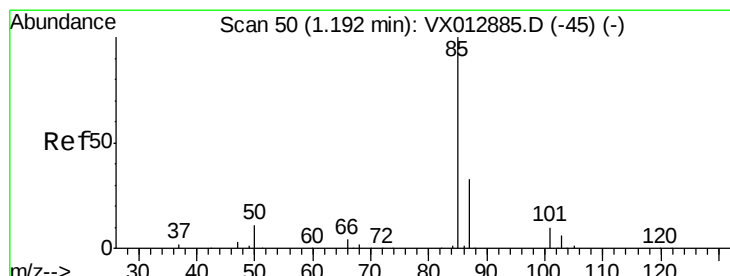
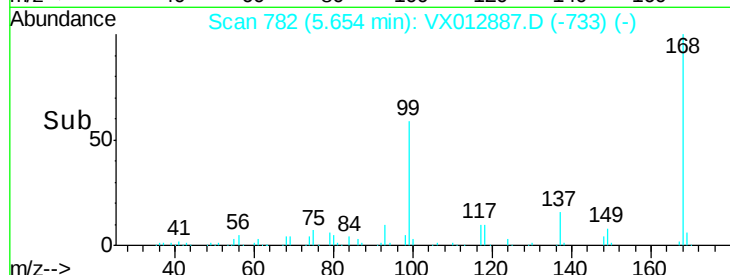
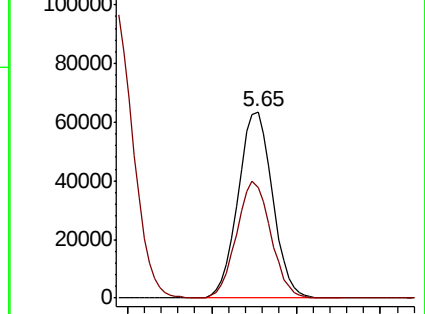
MMDadoda

10/9/2019 10:36:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 141.832 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012887.D

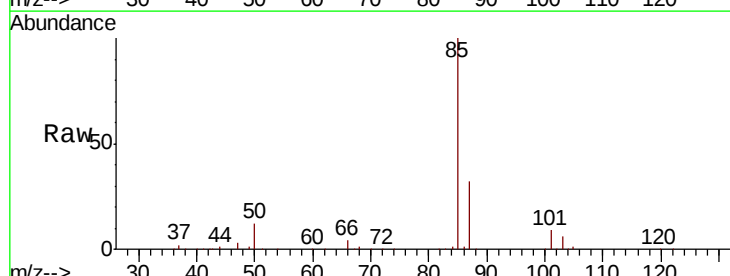
Acq: 08 Oct 2019 13:00

Tgt Ion: 85 Resp: 283230

Ion Ratio Lower Upper

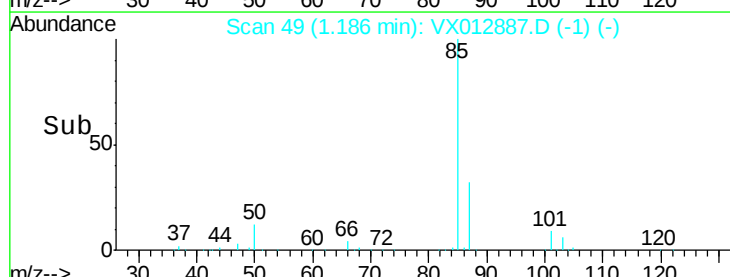
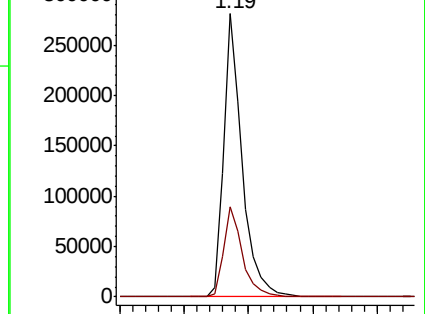
85 100

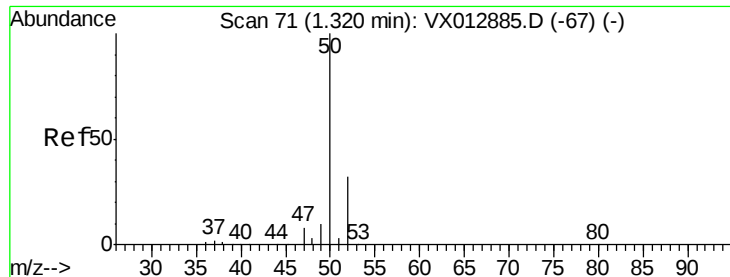
87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 130.290 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 293798

Ion Ratio Lower Upper

50 100

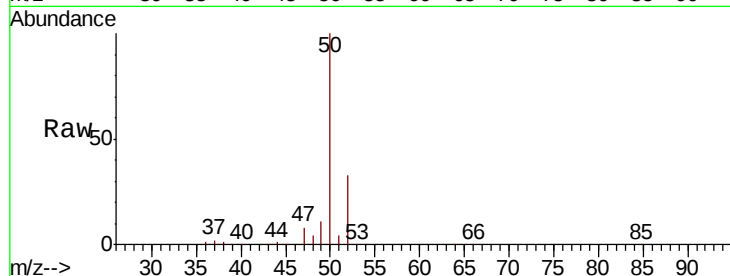
52 33.4 25.2 37.8

Manual Integrations

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10/9/2019 10:36:45 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

300000

250000

200000

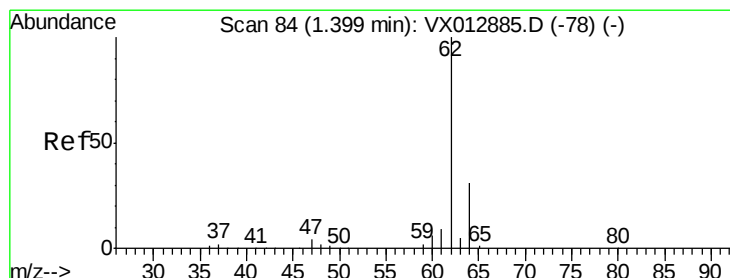
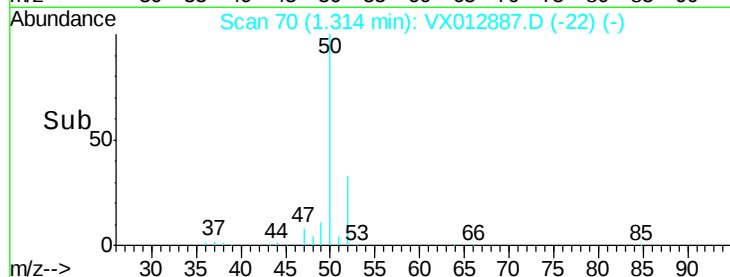
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 140.129 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012887.D

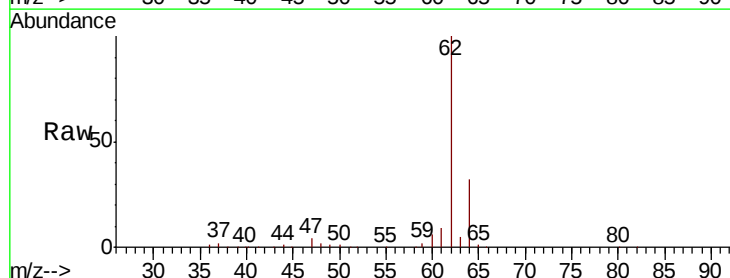
Acq: 08 Oct 2019 13:00

Tgt Ion: 62 Resp: 315260

Ion Ratio Lower Upper

62 100

64 32.4 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

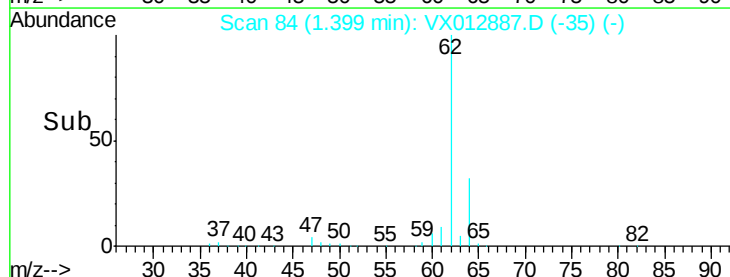
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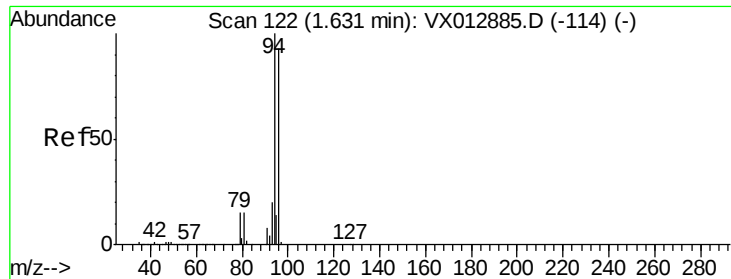
200000

100000

0

Time-->





#5

Bromomethane

Concen: 137.049 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 122195

Ion Ratio Lower Upper

94 100

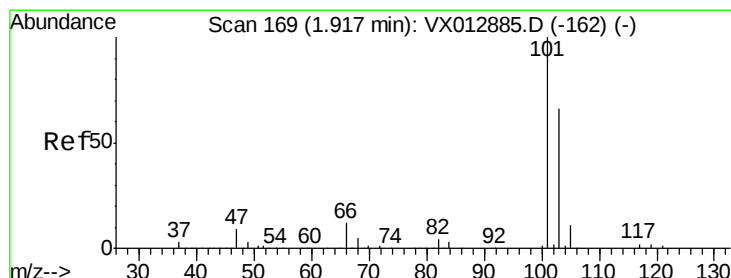
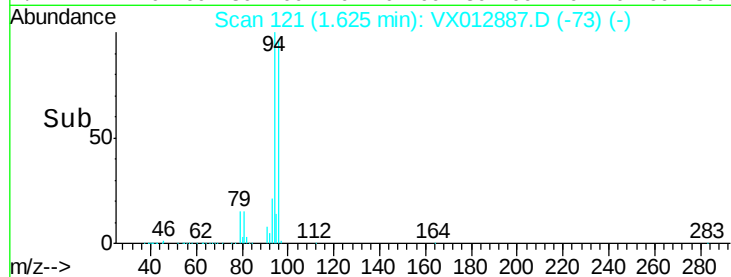
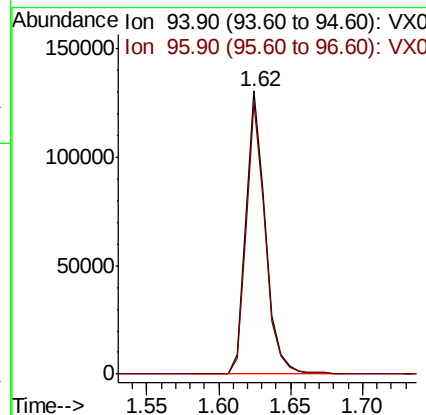
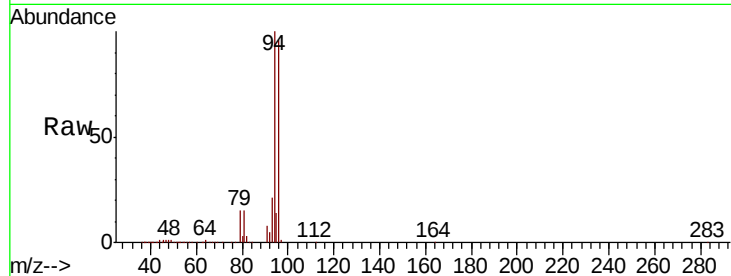
96 96.0 74.7 112.1

Manual Integrations

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10/9/2019 10:36:45 AM



#7

Trichlorofluoromethane

Concen: 134.410 ug/l

RT: 1.91 min Scan# 167

Delta R.T. -0.01 min

Lab File: VX012887.D

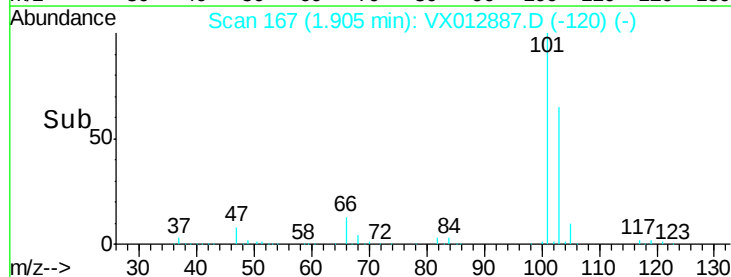
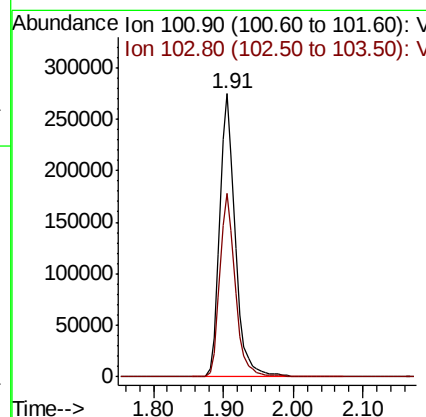
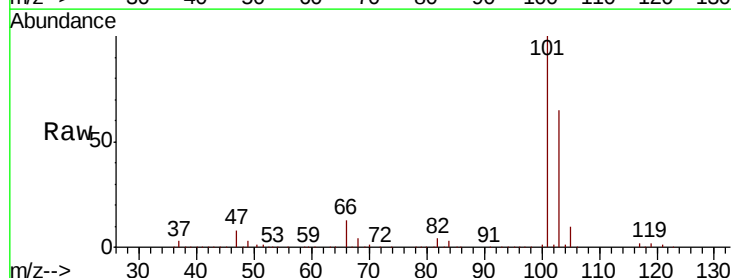
Acq: 08 Oct 2019 13:00

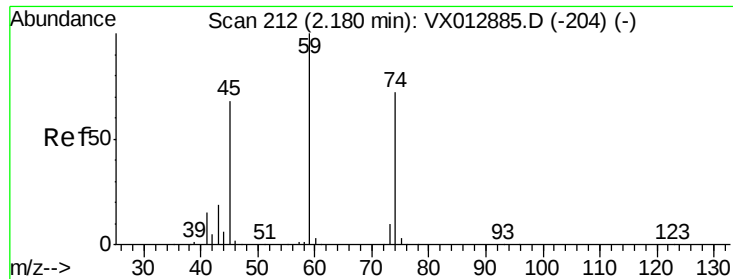
Tgt Ion: 101 Resp: 423743

Ion Ratio Lower Upper

101 100

103 65.1 52.5 78.7





#8

Diethyl Ether

Concen: 131.577 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 74 Resp: 169268

Ion Ratio Lower Upper

74 100

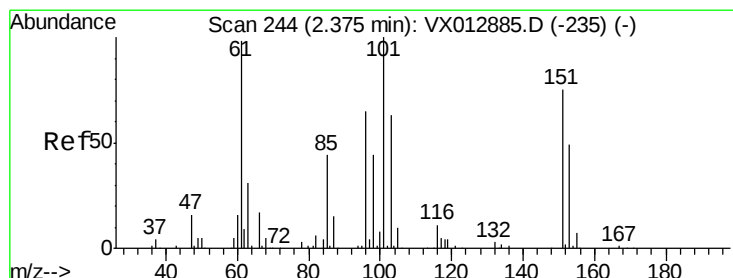
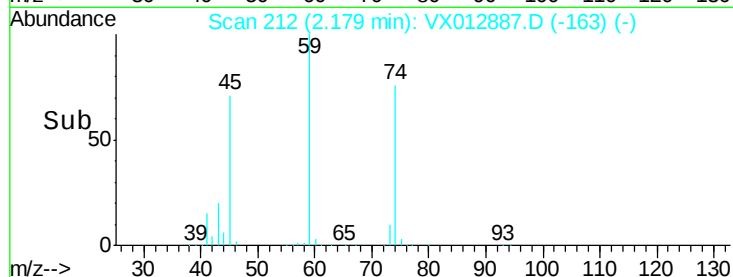
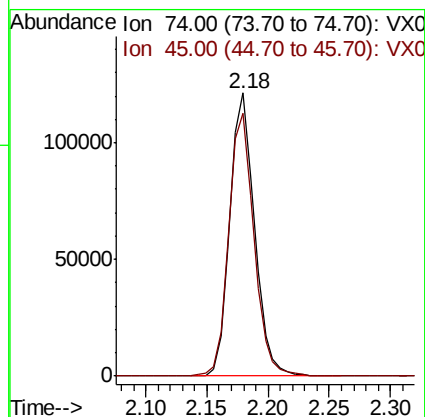
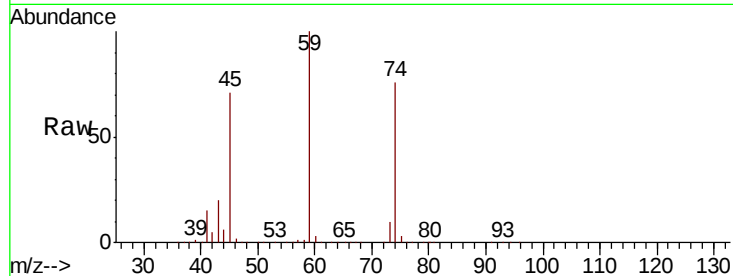
45 94.6 47.8 143.4

Manual Integrations

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10/9/2019 10:36:45 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 140.671 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

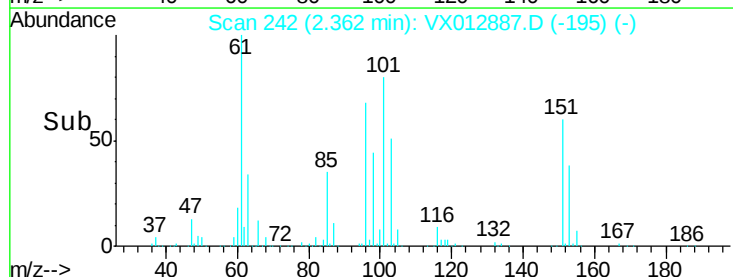
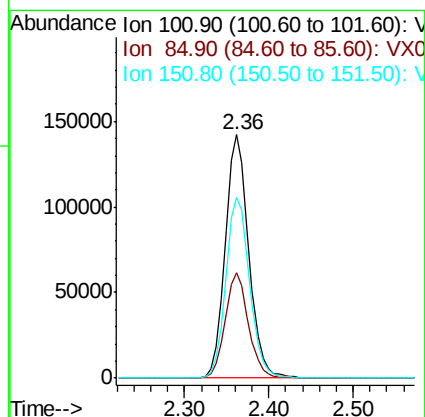
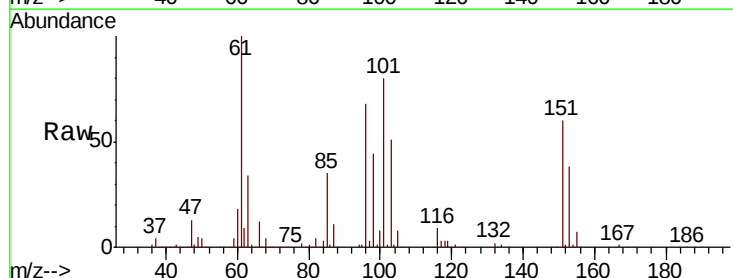
Tgt Ion: 101 Resp: 271610

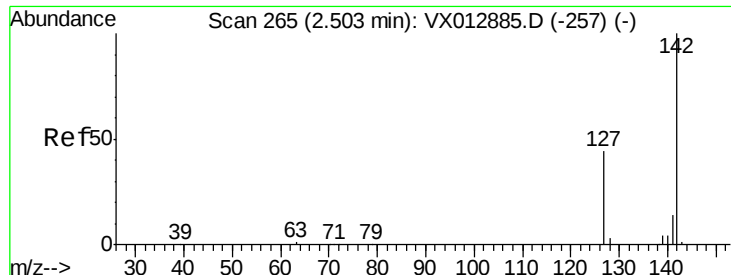
Ion Ratio Lower Upper

101 100

85 43.2 35.2 52.8

151 75.3 60.3 90.5





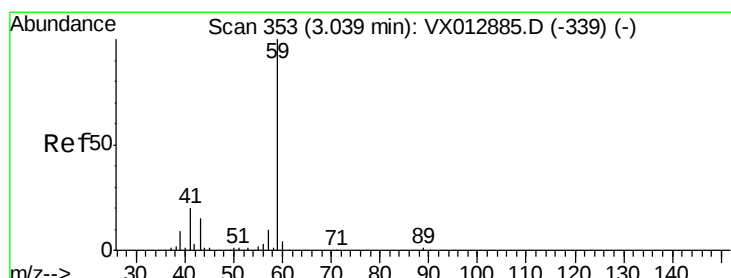
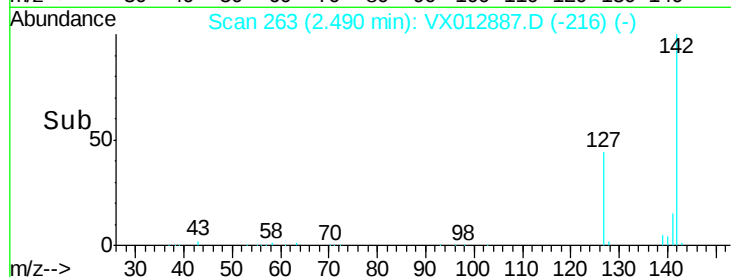
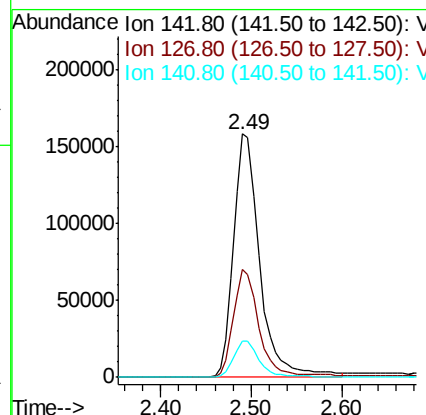
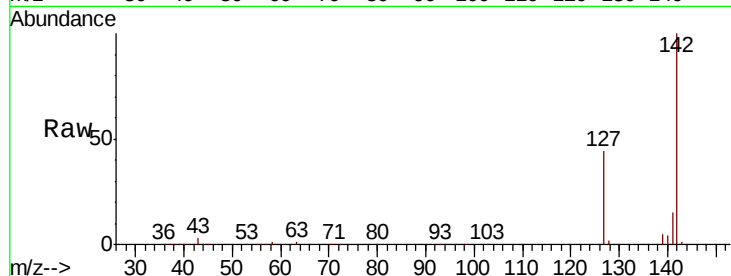
#10
Methvl Iodide
Concen: 174.136 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	43.8	34.9	52.3
141	14.9	11.6	17.4

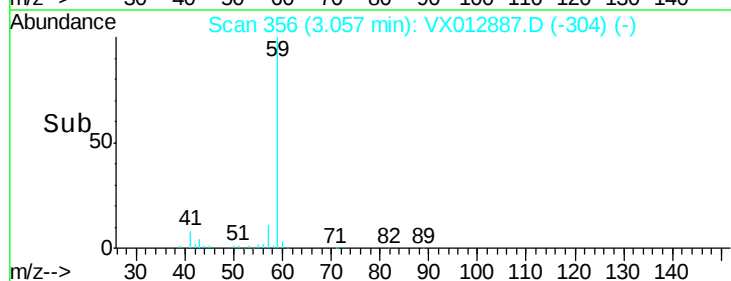
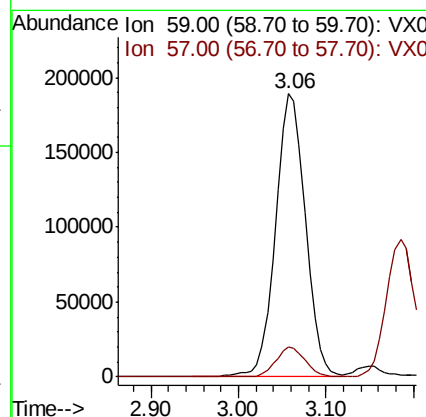
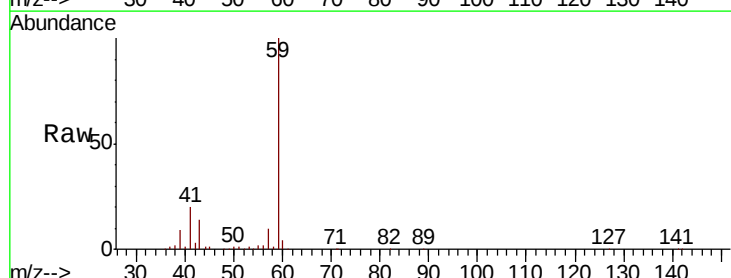
Manual Integrations
APPROVED

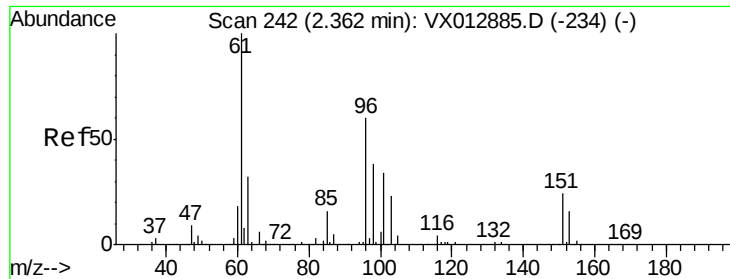
MMDadoda
10/9/2019 10:36:45 AM



#11
Tert butyl alcohol
Concen: 716.634 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.3	12.5





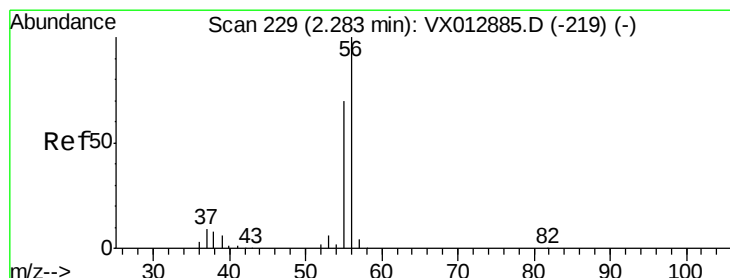
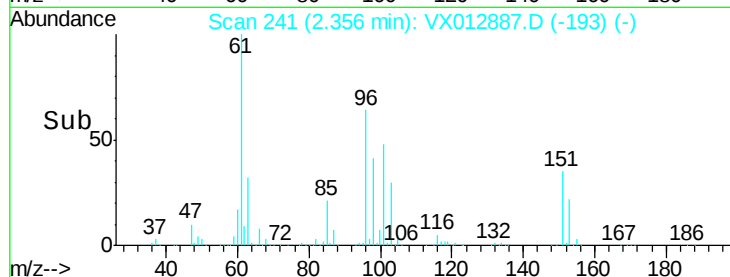
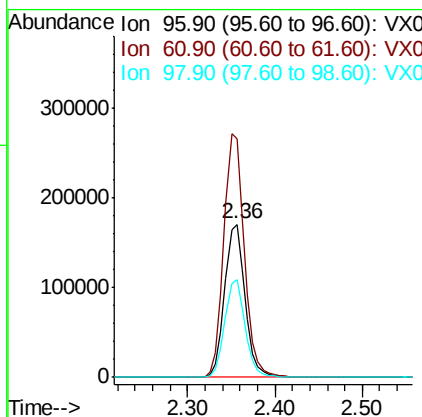
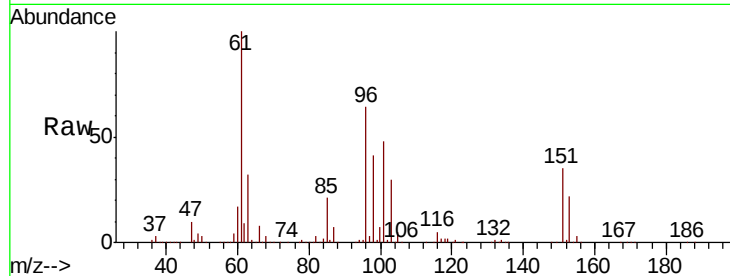
#12
 1,1-Dichloroethene
 Concen: 145.311 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.3	132.2	198.4
98	63.6	50.5	75.7

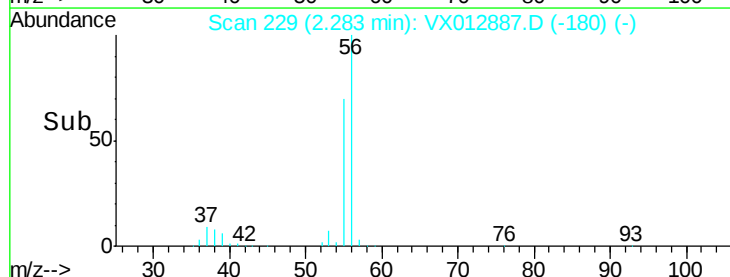
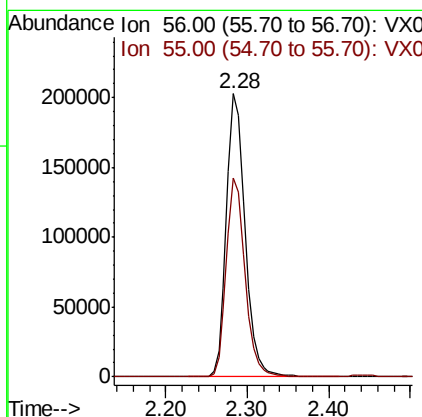
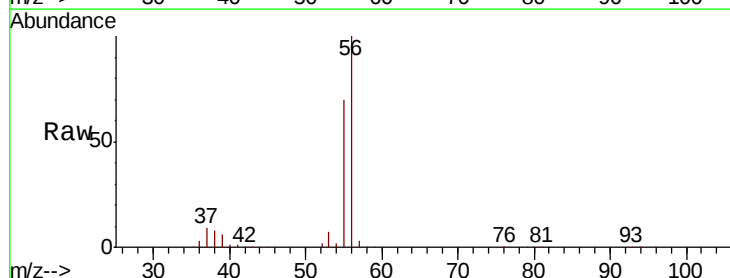
Manual Integrations
 APPROVED

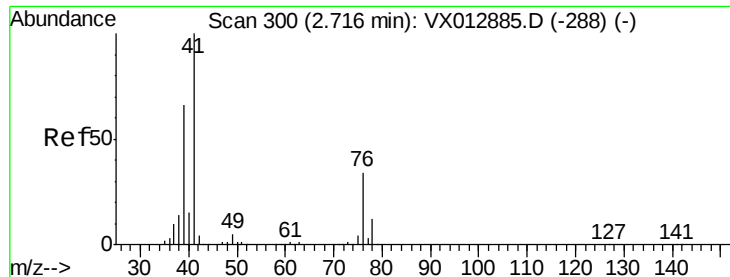
MMDadoda
 10/9/2019 10:36:45 AM



#13
 Acrolein
 Concen: 923.940 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.6	56.6	85.0





#14

Allvl chloride

Concen: 136.315 ug/l

RT: 2.71 min Scan# 299

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

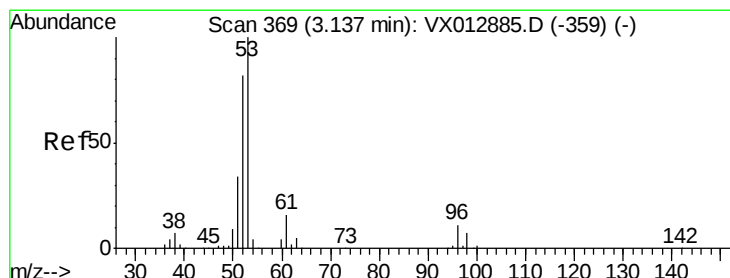
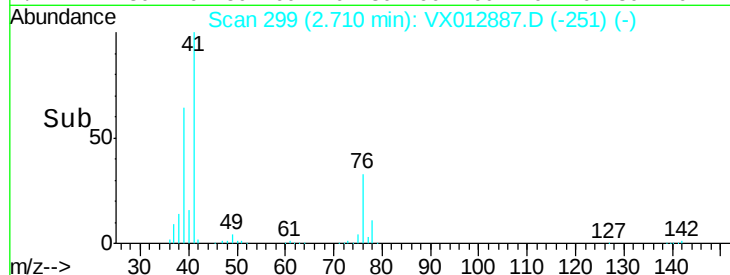
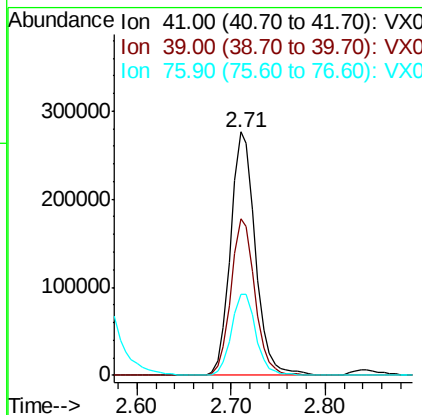
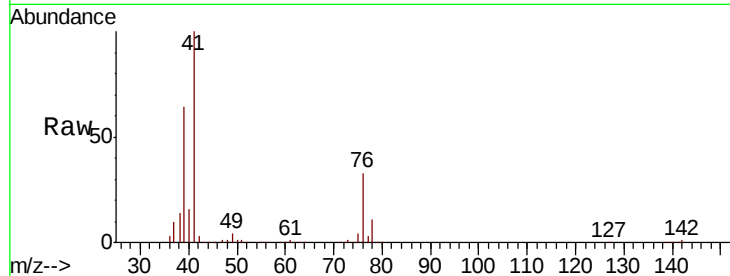
ClientSampleId :

VSTDIC150

Tot Ion:	41	Resp:	505441
Ion Ratio		Lower	Upper
41	100		
39	62.2	51.0	76.6
76	33.0	26.2	39.4

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:36:45 AM



#15

Acrylonitrile

Concen: 679.285 ug/l

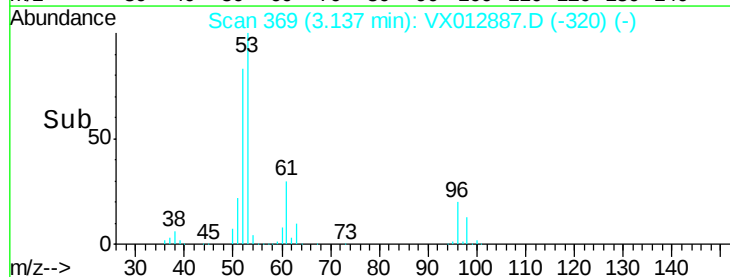
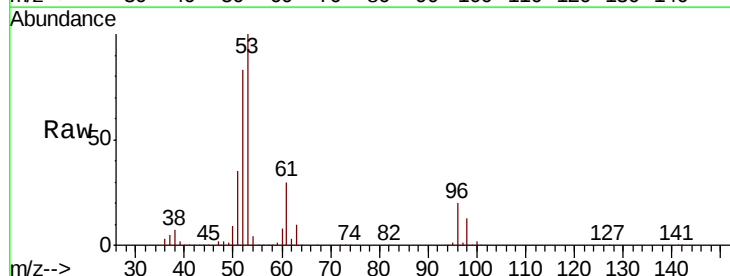
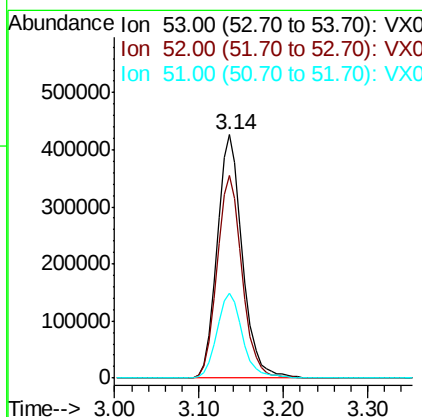
RT: 3.14 min Scan# 369

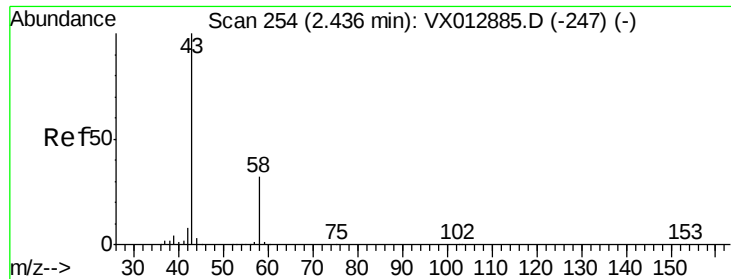
Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion:	53	Resp:	871975
Ion Ratio		Lower	Upper
53	100		
52	82.9	66.2	99.2
51	35.4	28.2	42.4





#16

Acetone

Concen: 619.083 ug/l

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 43 Resp: 828546

Ion Ratio Lower Upper

43 100

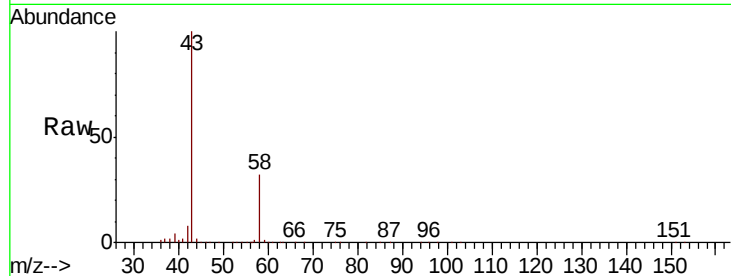
58 31.7 25.4 38.2

Manual Integrations

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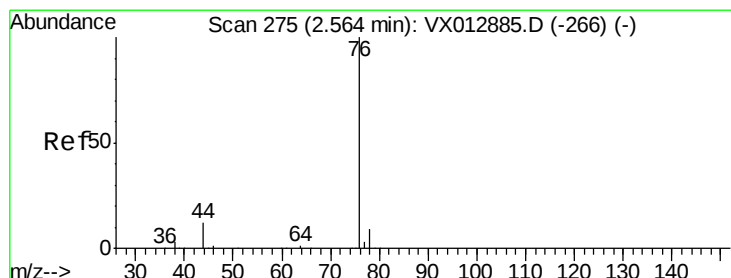
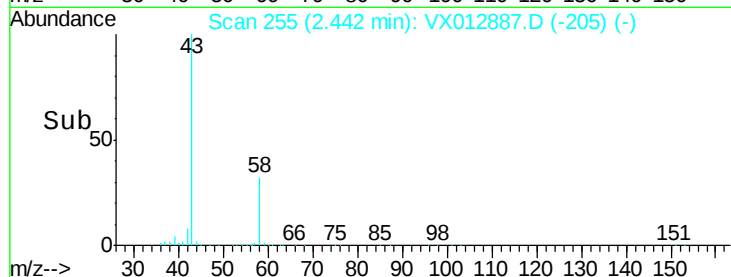
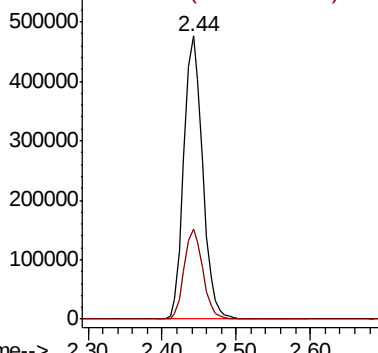
MMDadoda

10/9/2019 10:36:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 147.714 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX012887.D

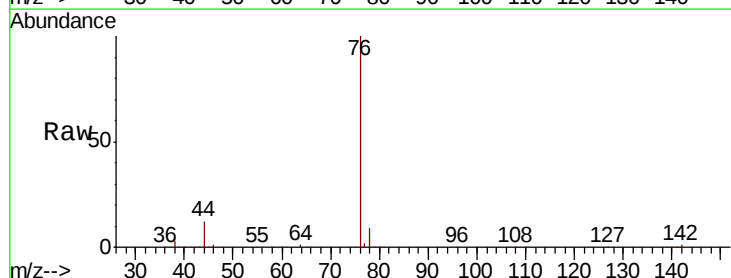
Acq: 08 Oct 2019 13:00

Tgt Ion: 76 Resp: 784000

Ion Ratio Lower Upper

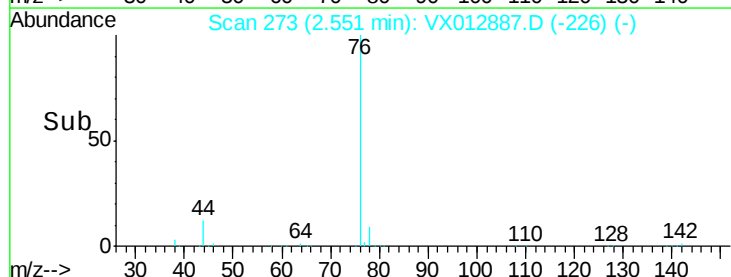
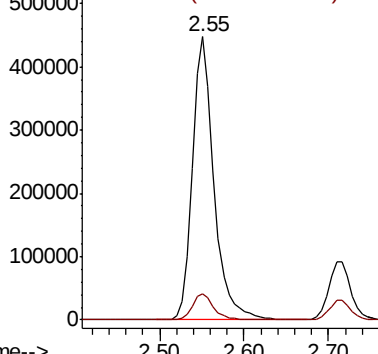
76 100

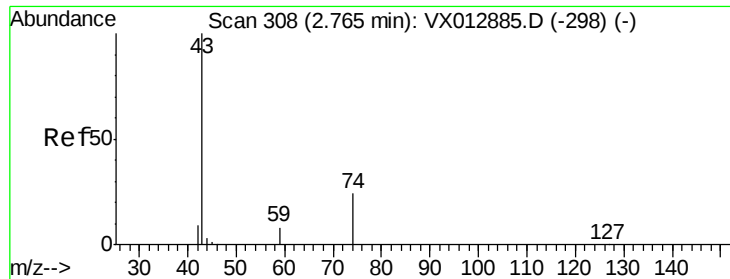
78 9.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





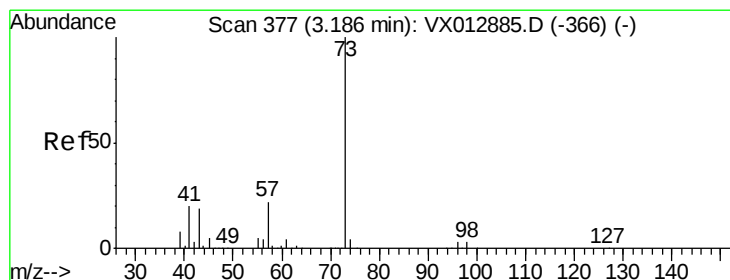
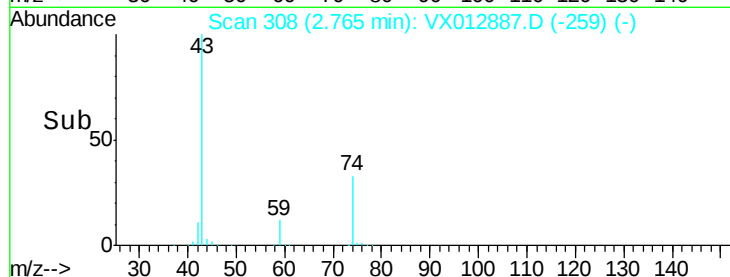
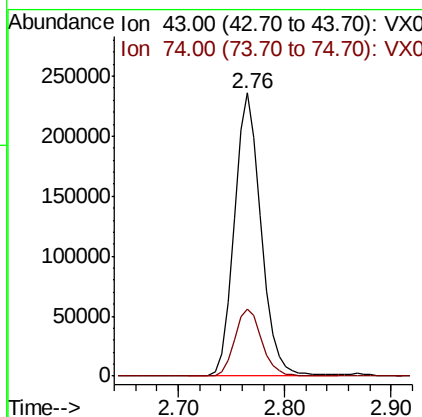
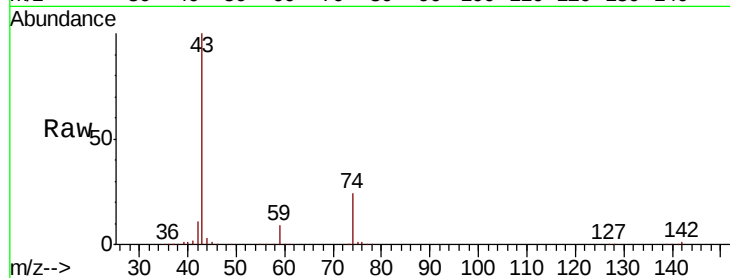
#18
Methvl Acetate
Concen: 130.868 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	43	Resp	413874
Ion Ratio	100	Lower	Upper
74	24.4	19.2	28.8

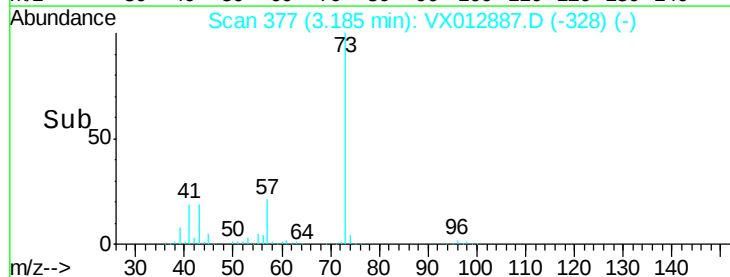
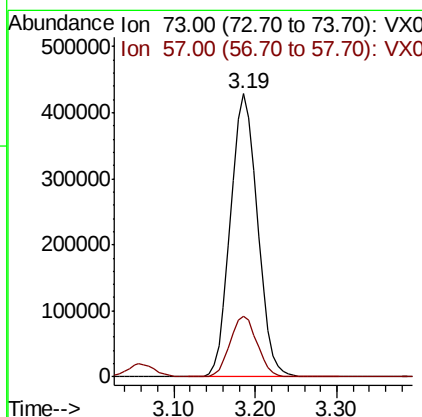
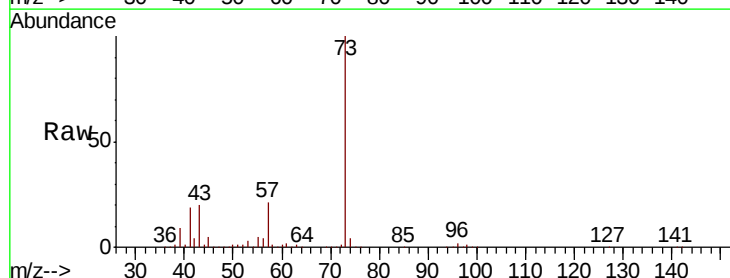
Manual Integrations
APPROVED

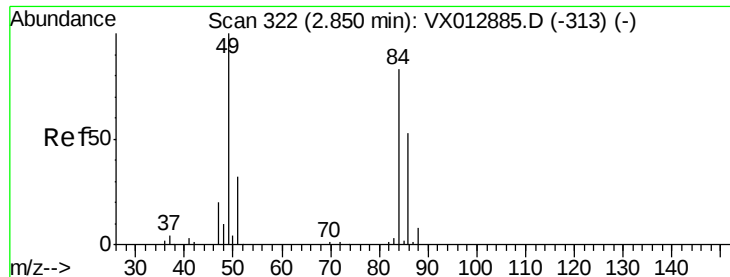
MMDadoda
10/9/2019 10:36:45 AM



#19
Methyl tert-butyl Ether
Concen: 138.049 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	73	Resp	979352
Ion Ratio	100	Lower	Upper
57	21.3	17.8	26.6





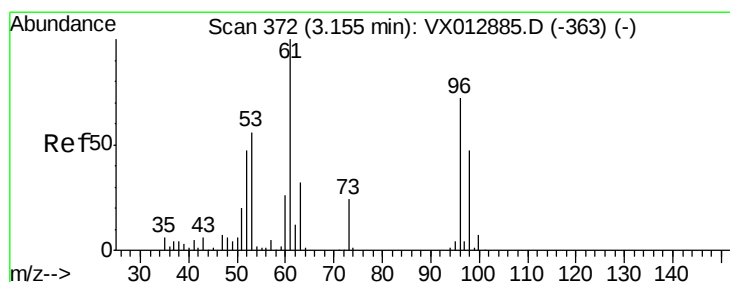
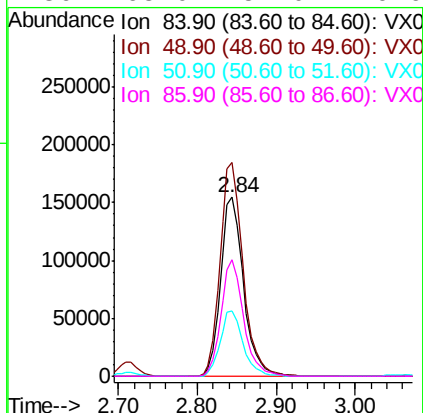
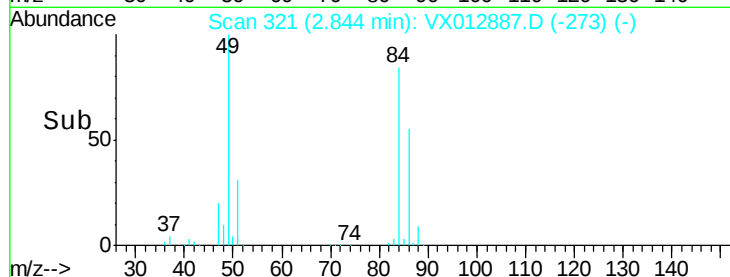
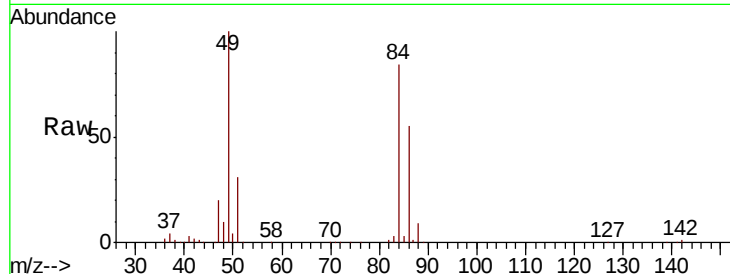
#20
Methvlene Chloride
Concen: 135.968 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	84	Resp:	311770
Ion	Ratio	Lower	Upper
84	100		
49	119.3	96.6	144.8
51	36.8	30.7	46.1
86	65.0	51.0	76.6

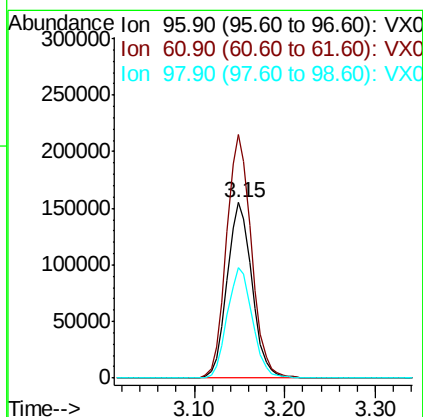
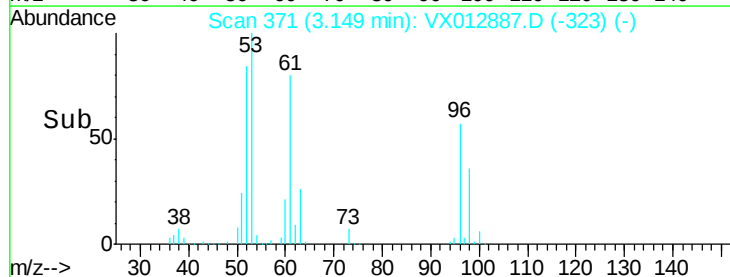
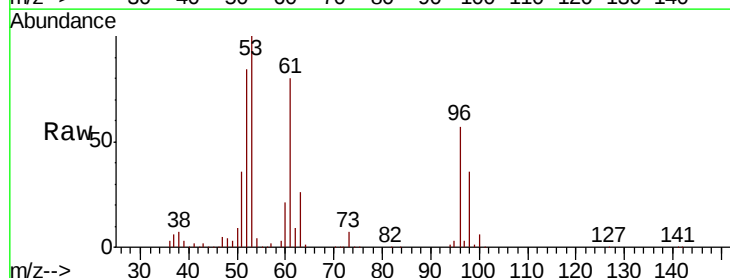
Manual Integrations
APPROVED

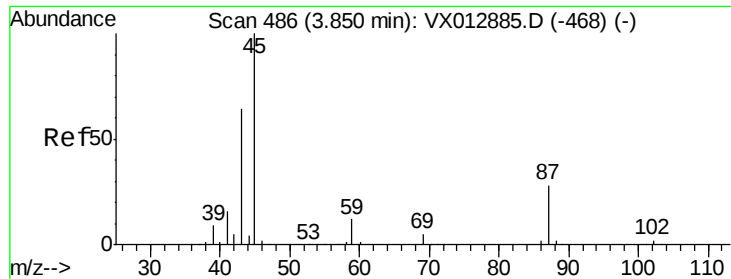
MMDadoda
10/9/2019 10:36:45 AM



#21
trans-1,2-Dichloroethene
Concen: 141.660 ug/l
RT: 3.15 min Scan# 371
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:	96	Resp:	296154
Ion	Ratio	Lower	Upper
96	100		
61	138.9	110.4	165.6
98	63.1	51.5	77.3





#22

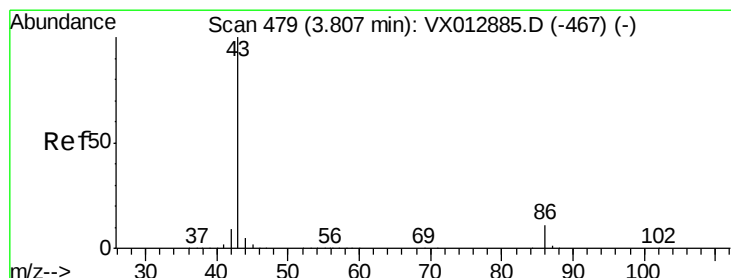
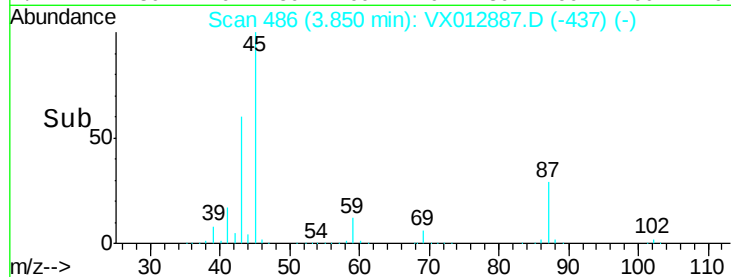
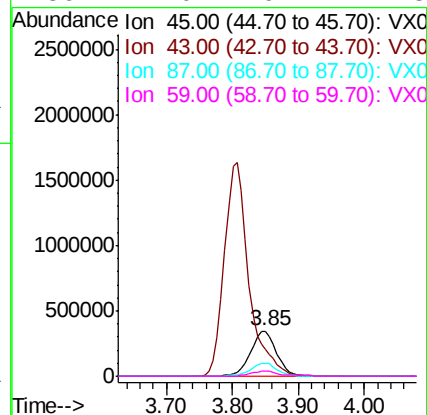
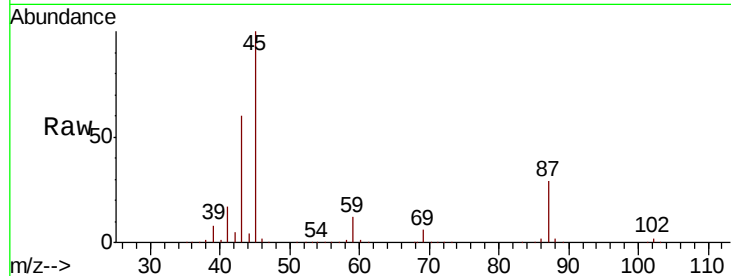
Diisopropyl ether
Concen: 131.515 ug/l
RT: 3.85 min Scan# 486
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
45	100			
43	59.8	51.4	77.0	
87	28.7	22.5	33.7	
59	12.0	9.7	14.5	

Manual Integrations
APPROVED

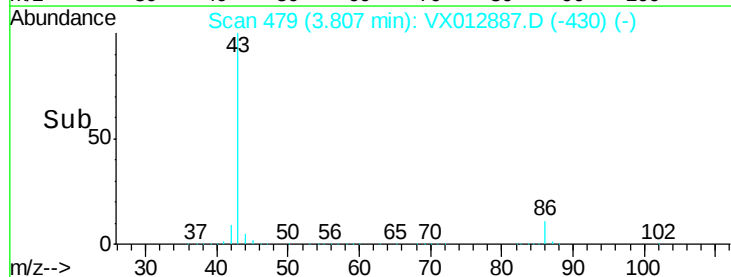
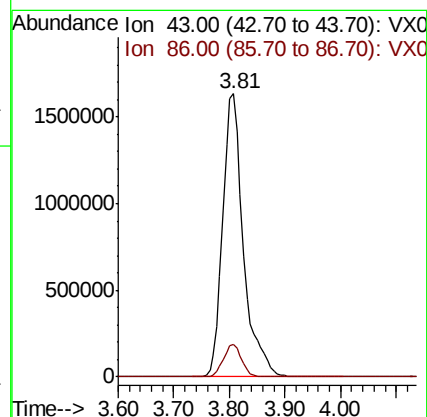
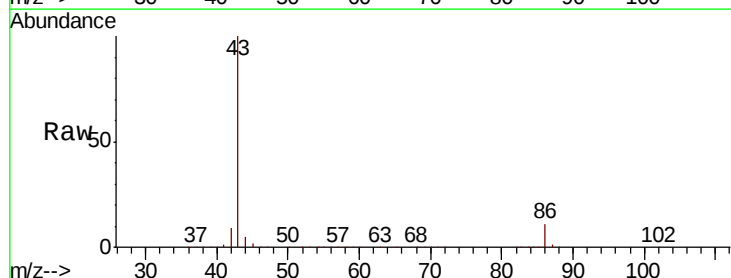
MMDadoda
10/9/2019 10:36:45 AM

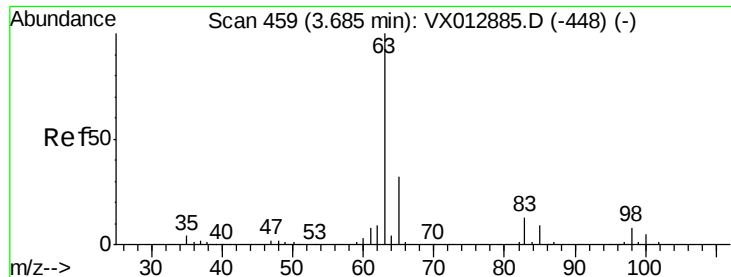


#23

Vinyl Acetate
Concen: 672.108 ug/l
RT: 3.81 min Scan# 479
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ion	Ratio	Lower	Upper
43	100			
86	11.3	9.0	13.6	





#24

1,1-Dichloroethane

Concen: 138.186 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

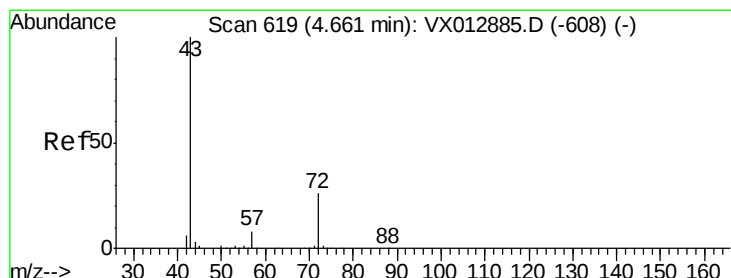
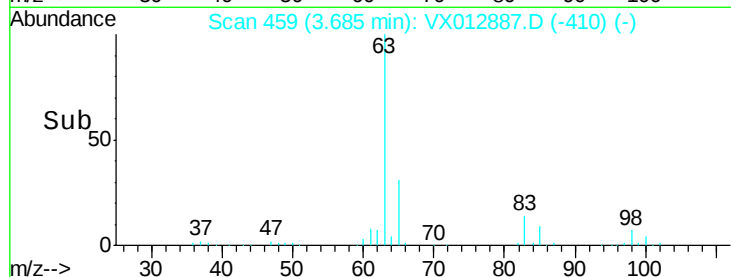
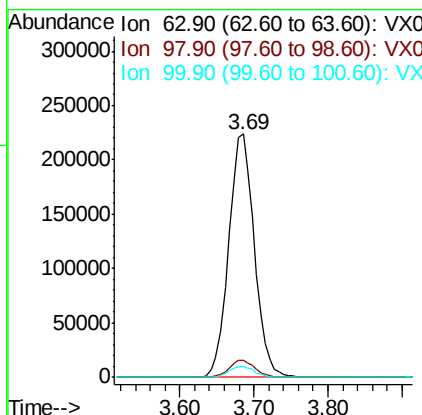
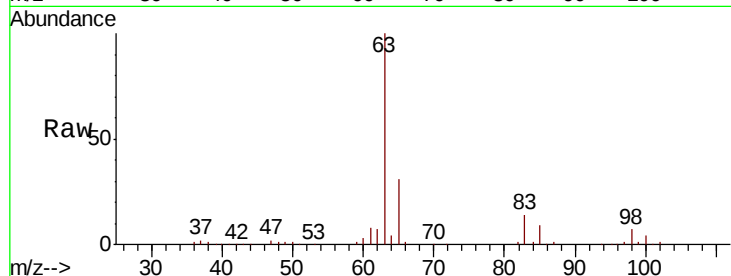
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	539651
Ion	Ratio	Lower	Upper
63	100		
98	7.3	3.9	11.5
100	4.4	2.3	6.9

Manual Integrations
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MMDadoda
10/9/2019 10:36:45 AM



#25

2-Butanone

Concen: 658.944 ug/l

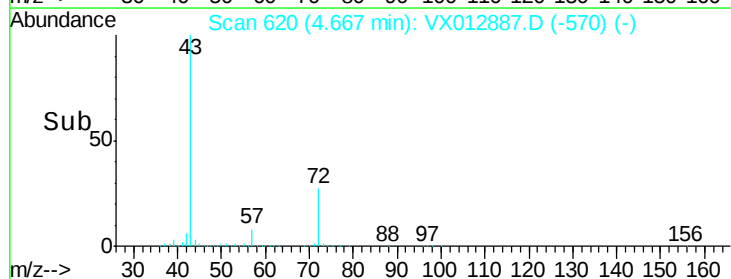
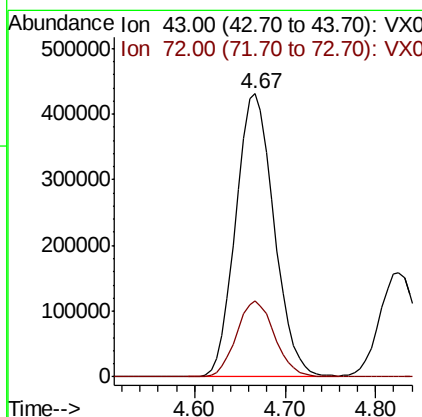
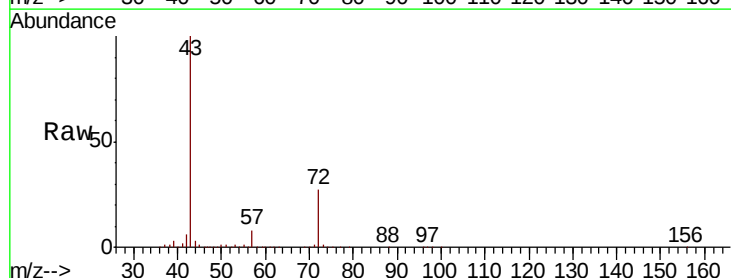
RT: 4.67 min Scan# 620

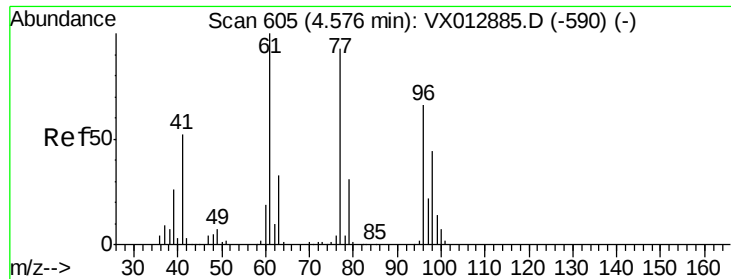
Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion:	43	Resp:	1261853
Ion	Ratio	Lower	Upper
43	100		
72	26.6	21.0	31.6





#26

2,2-Dichloropropane

Concen: 131.712 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 455174

Ion Ratio Lower Upper

77 100

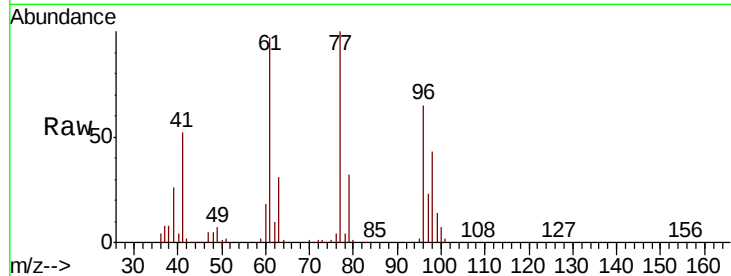
97 22.8 11.3 33.9

Manual Integrations

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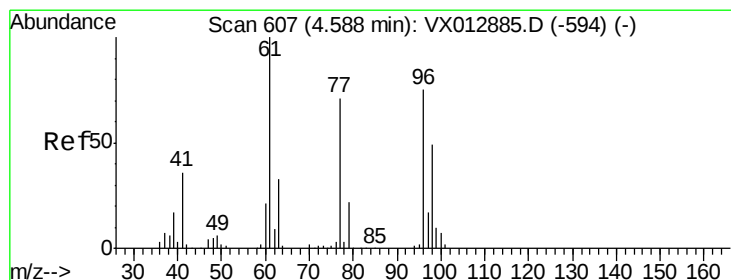
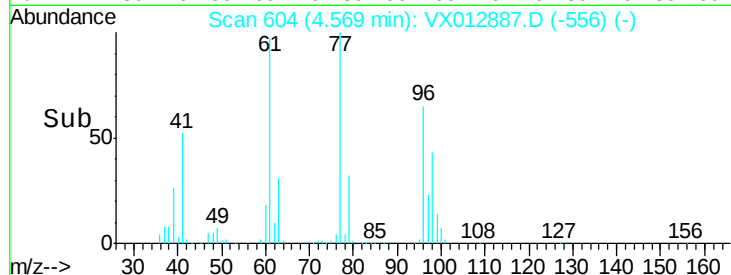
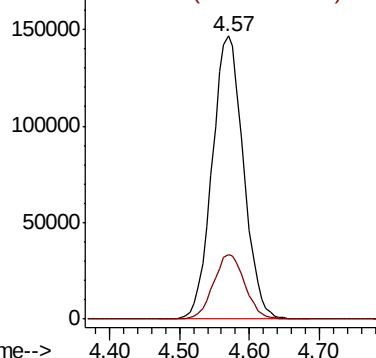
MMDadoda

10/9/2019 10:36:45 AM



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 139.588 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

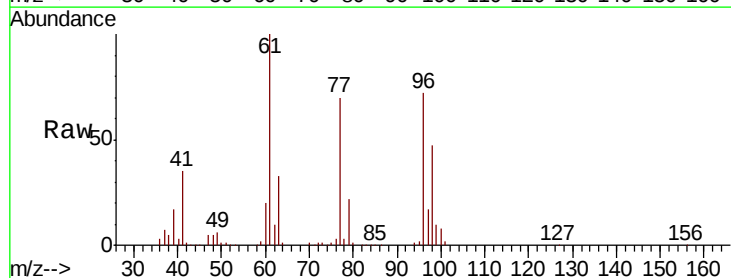
Tgt Ion: 96 Resp: 338484

Ion Ratio Lower Upper

96 100

61 145.5 0.0 290.6

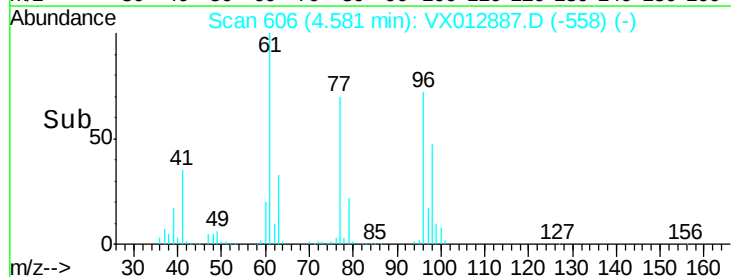
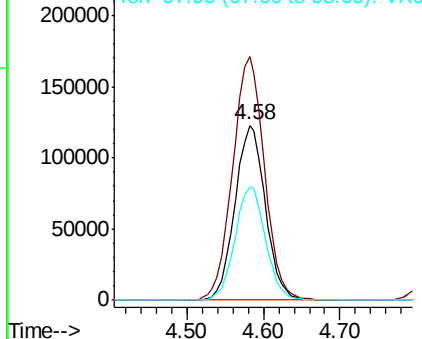
98 65.3 0.0 128.8

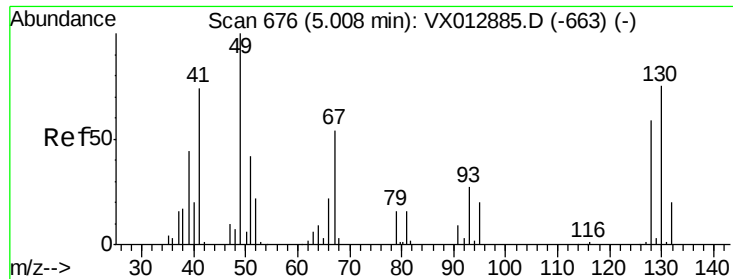


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#28

Bromochloromethane

Concen: 109.767 ug/l

RT: 5.00 min Scan# 675

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 49 Resp: 152058

Ion Ratio Lower Upper

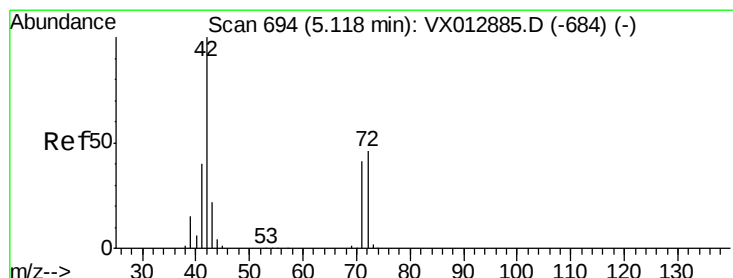
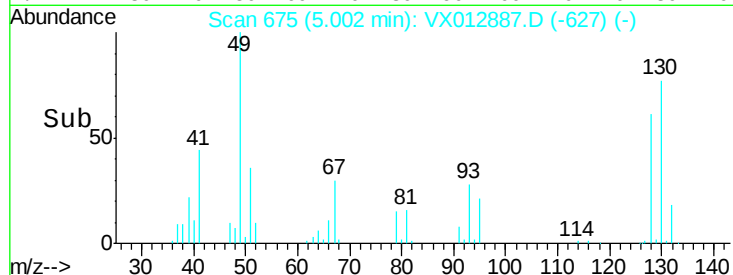
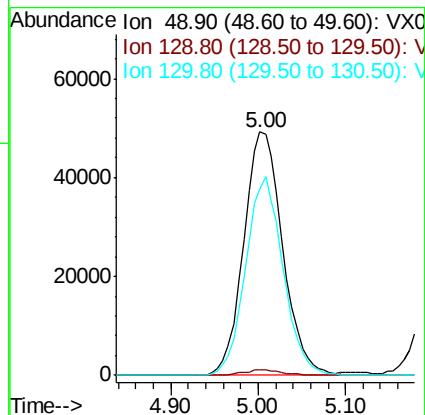
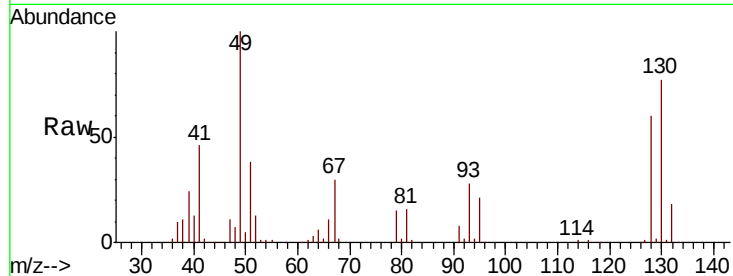
49 100

129 2.1 0.0 4.2

130 78.5 62.1 93.1

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10/9/2019 10:36:45 AM



#29

Tetrahydrofuran

Concen: 670.814 ug/l

RT: 5.12 min Scan# 694

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

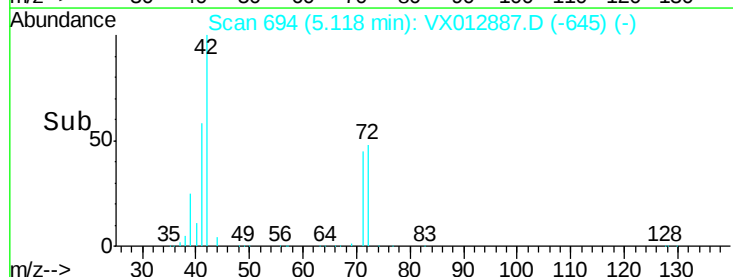
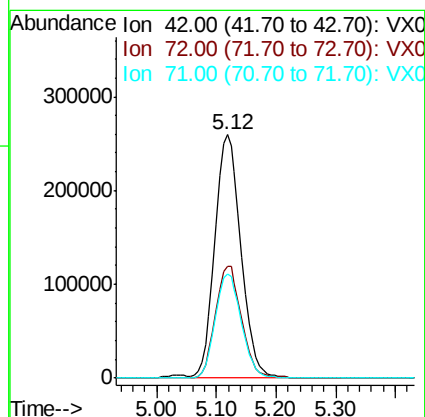
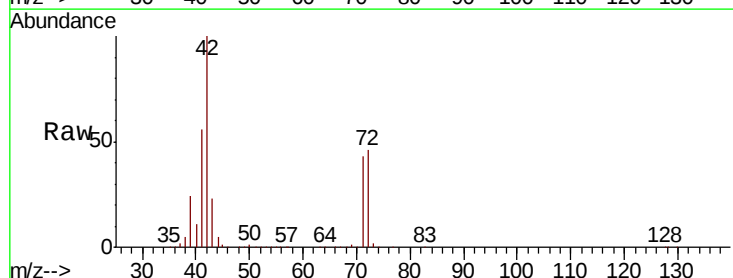
Tgt Ion: 42 Resp: 784224

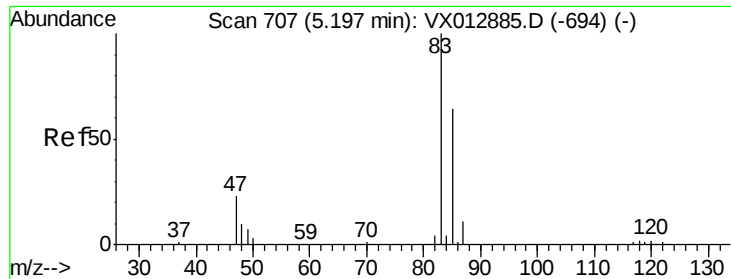
Ion Ratio Lower Upper

42 100

72 46.4 36.9 55.3

71 42.9 33.5 50.3





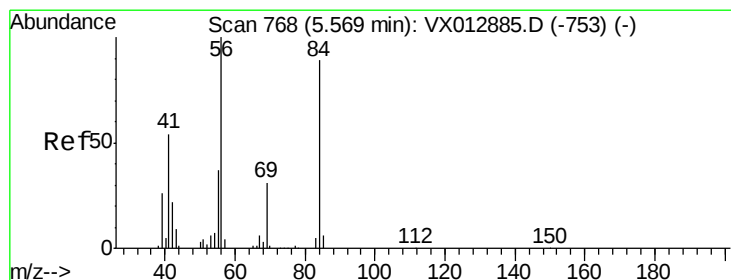
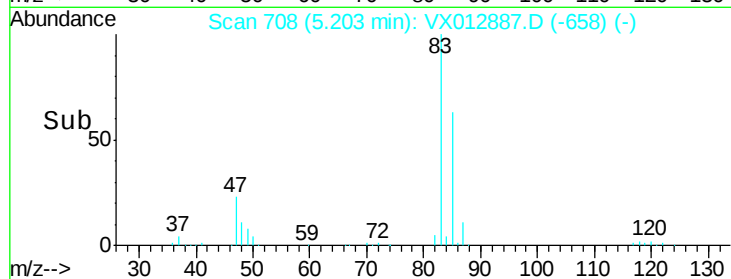
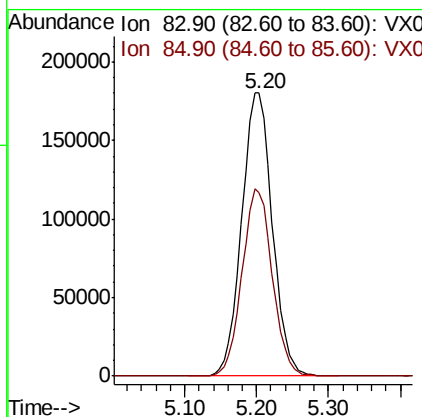
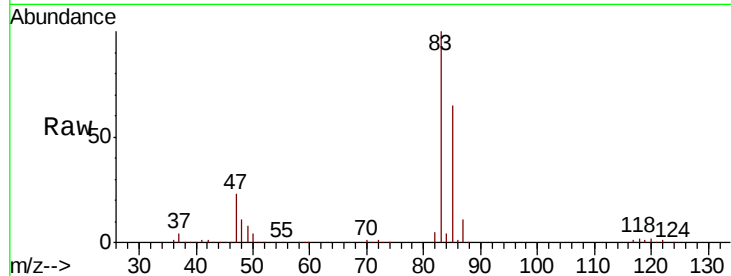
#30
Chloroform
Concen: 133.006 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 532703
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3

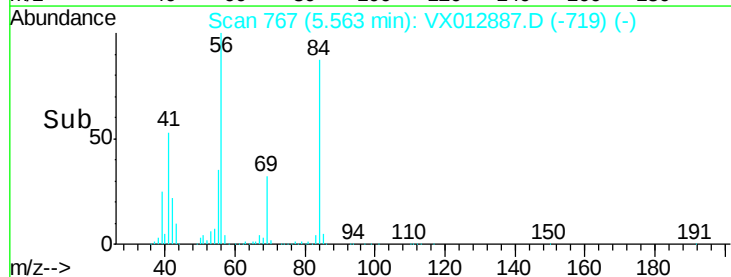
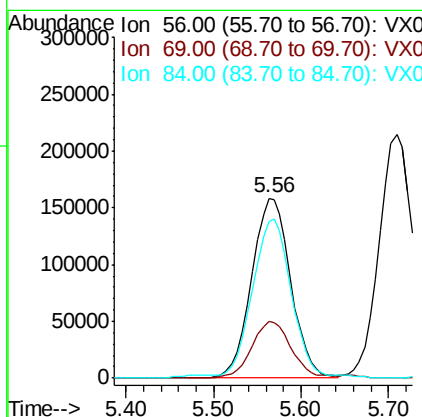
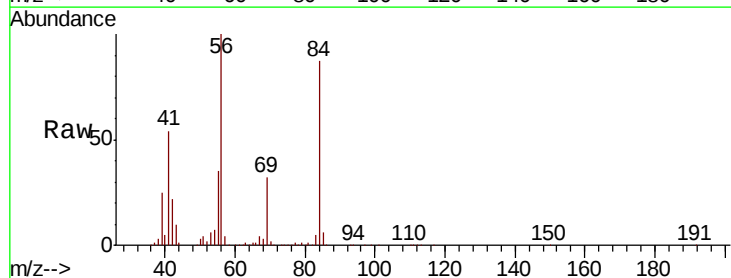
Manual Integrations
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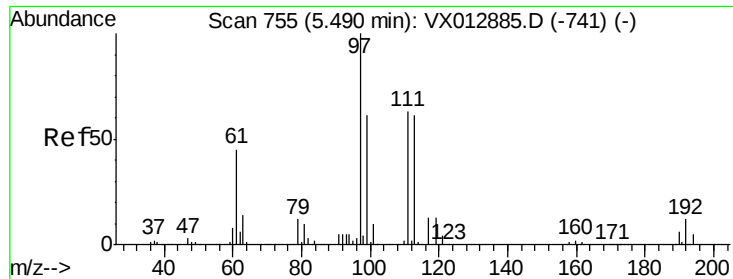
MMDadoda
10/9/2019 10:36:45 AM



#31
Cyclohexane
Concen: 138.940 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 56 Resp: 492426
Ion Ratio Lower Upper
56 100
69 31.5 25.2 37.8
84 85.8 71.3 106.9





#32

1,1,1-Trichloroethane

Concen: 137.097 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

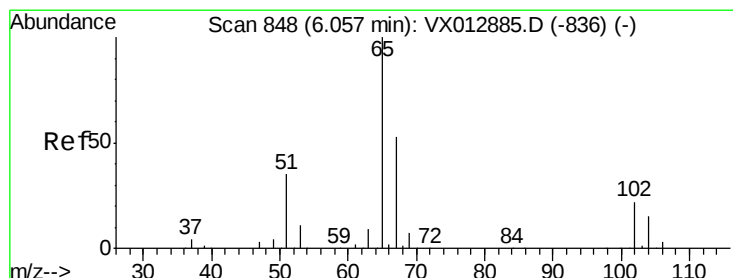
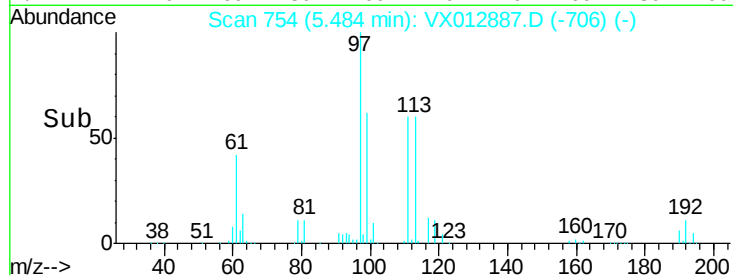
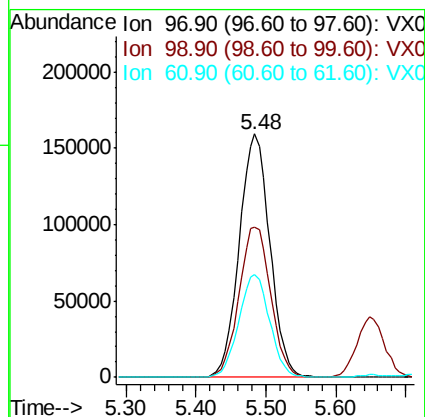
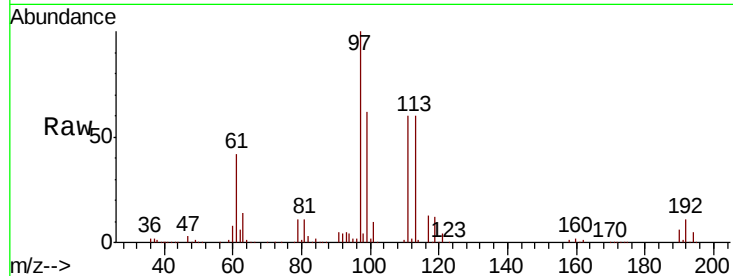
ClientSampled :

VSTDIC150

Tot Ion:	97	Resp:	484076
Ion	Ratio	Lower	Upper
97	100		
99	64.1	52.3	78.5
61	42.9	35.0	52.4

Manual Integrations
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#33

1,2-Dichloroethane-d4

Concen: 135.212 ug/l

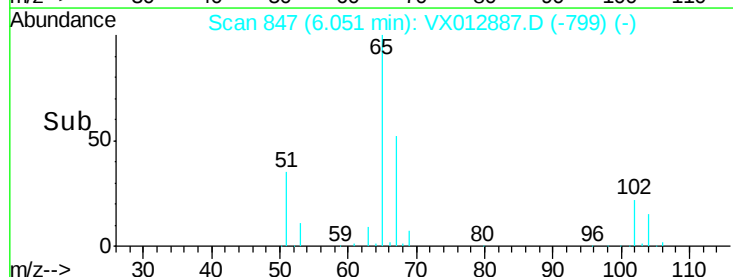
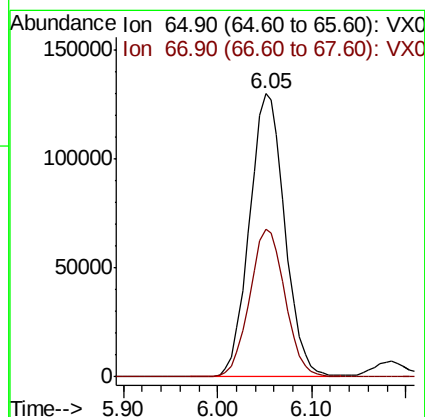
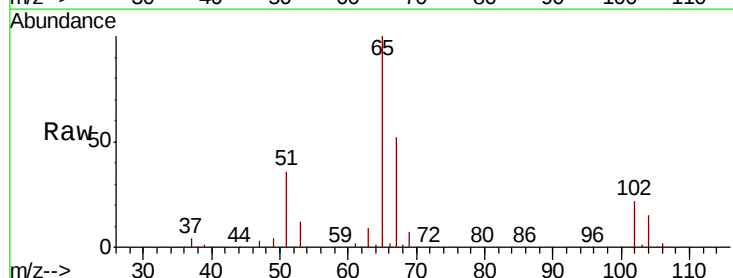
RT: 6.05 min Scan# 847

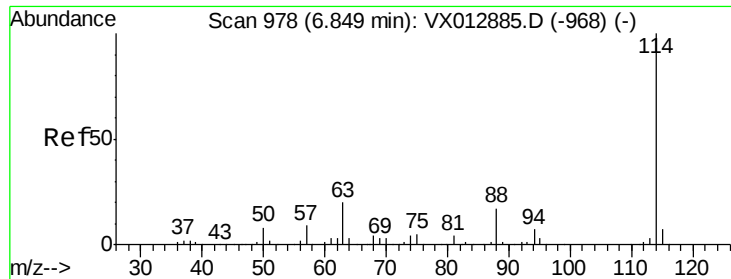
Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion:	65	Resp:	341591
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	104.4





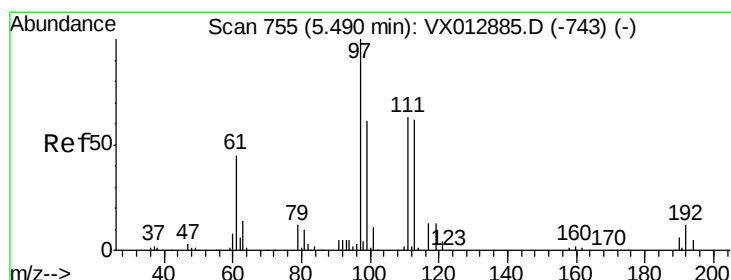
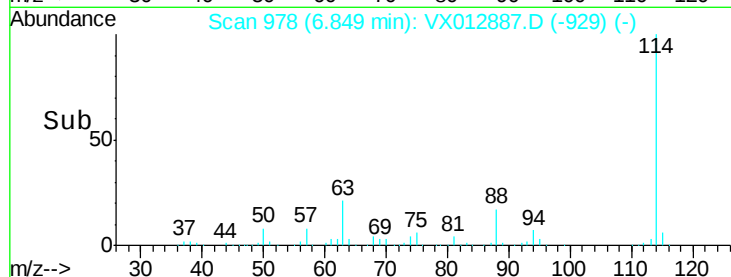
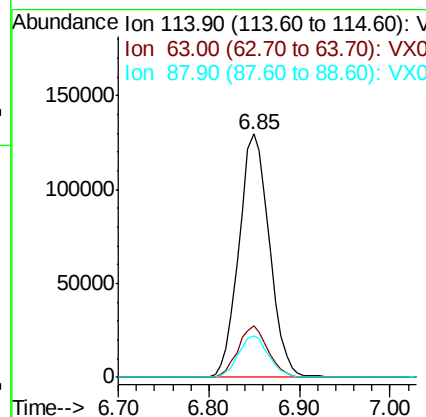
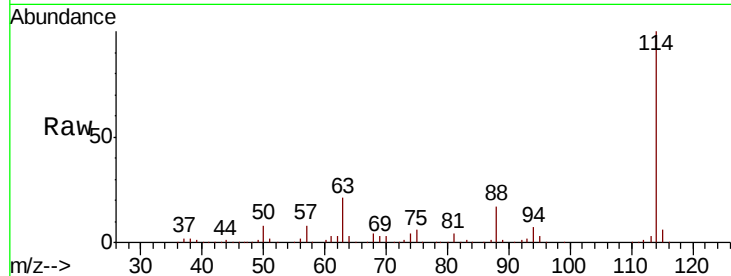
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
114	100	303097		
63	21.2		0.0	40.8
88	17.0		0.0	33.8

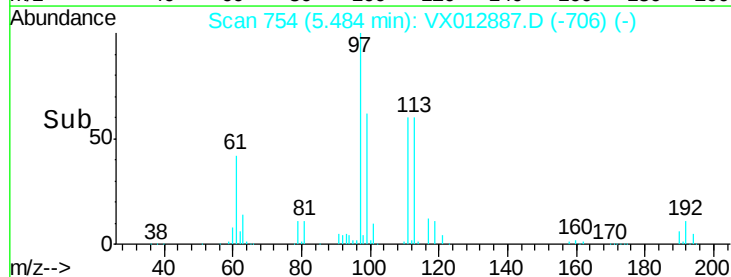
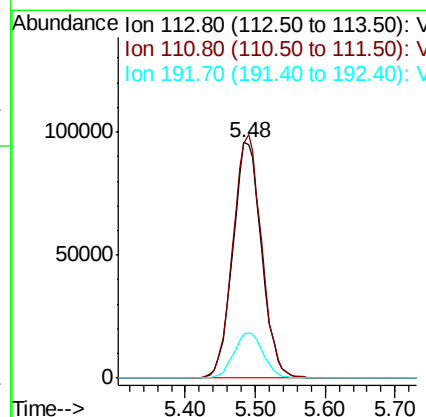
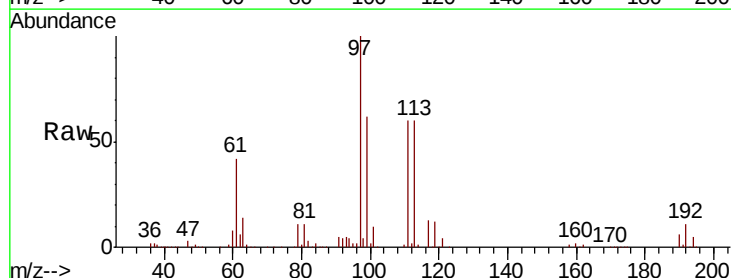
Manual Integrations
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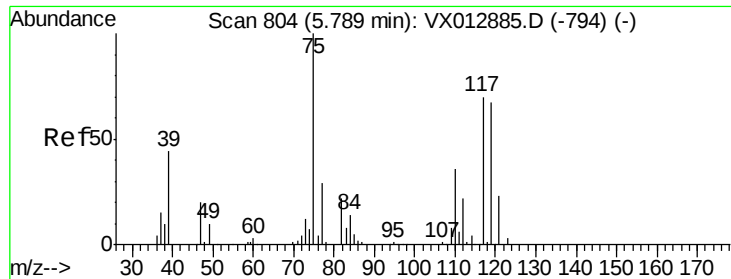
MMDadoda
 10/9/2019 10:36:45 AM



#35
 Dibromofluoromethane
 Concen: 150.338 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	272980		
111	102.9		83.2	124.8
192	19.6		15.4	23.2





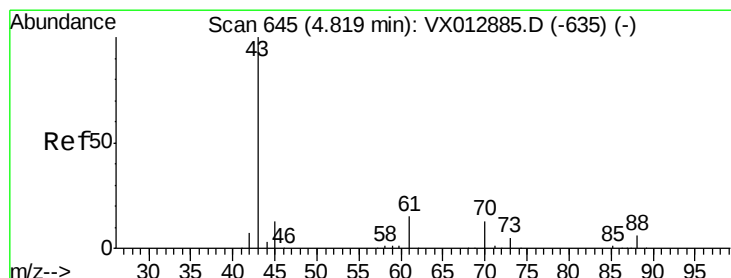
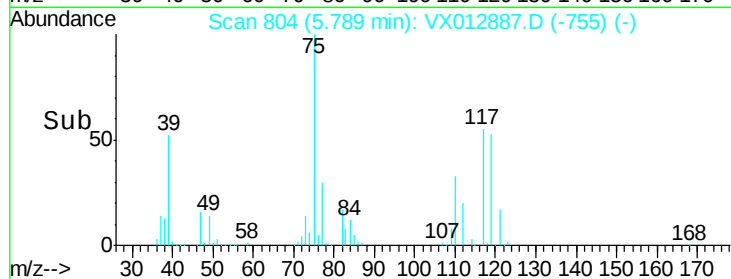
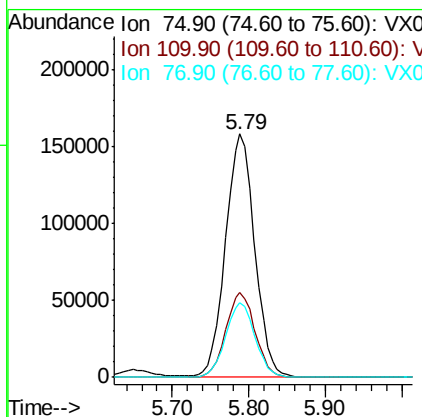
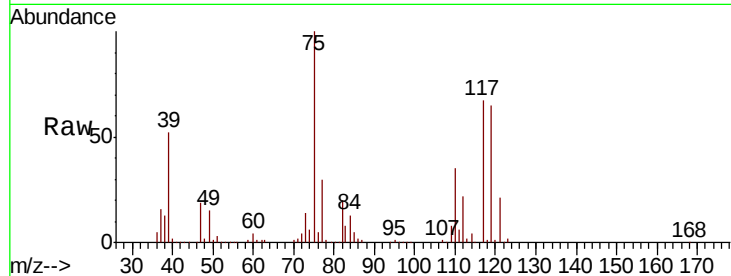
#36
 1,1-Dichloropropene
 Concen: 141.568 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.0	17.6	52.9
77	30.9	24.4	36.6

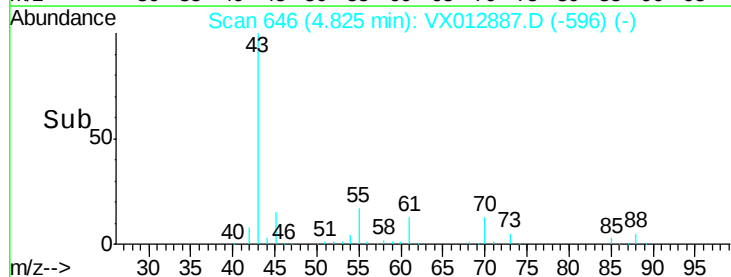
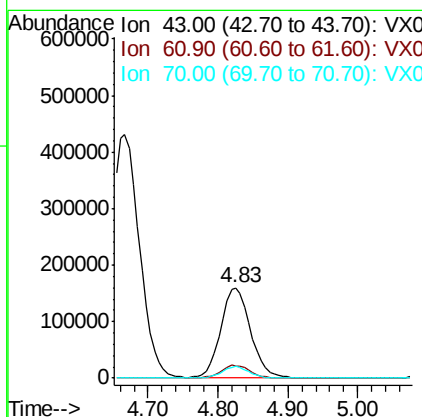
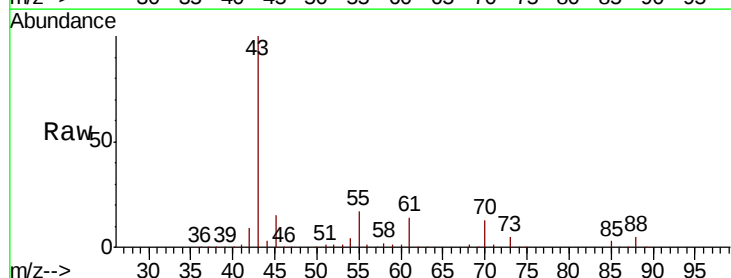
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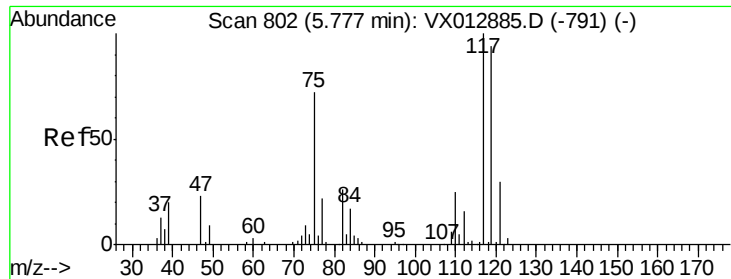
MMDadoda
 10/9/2019 10:36:45 AM



#37
 Ethyl Acetate
 Concen: 138.349 ug/l
 RT: 4.83 min Scan# 646
 Delta R.T. 0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.4	17.0
70	11.9	9.8	14.6





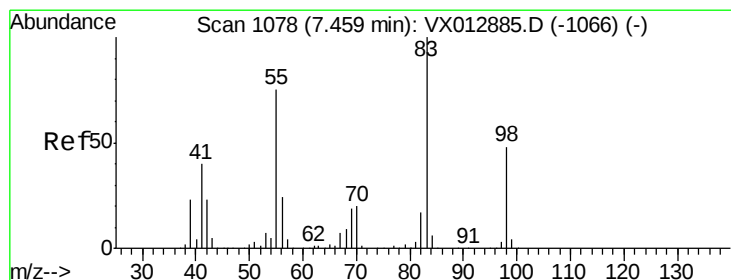
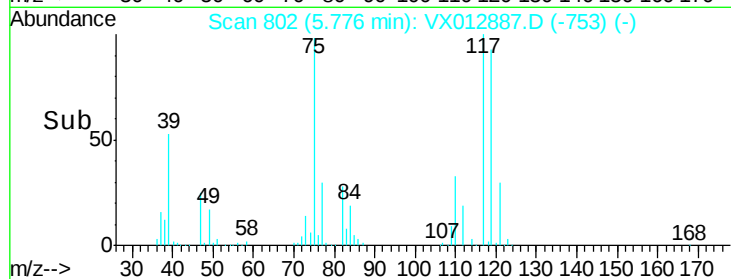
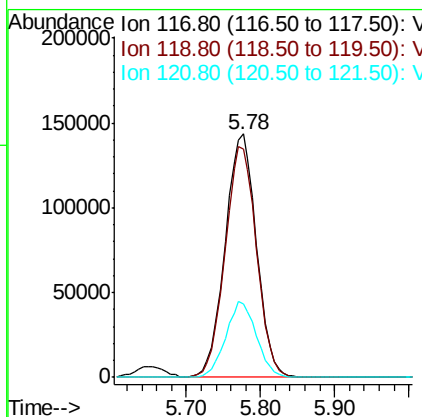
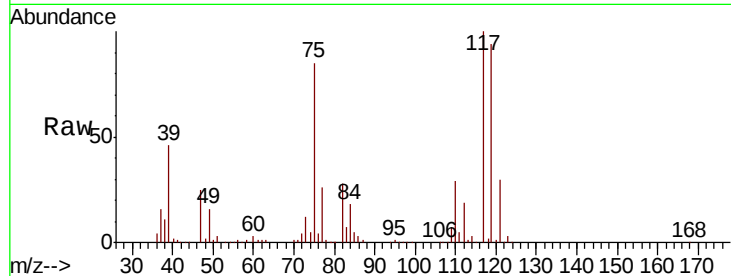
#38
Carbon Tetrachloride
Concen: 142.317 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.7	74.5	111.7
121	30.1	24.2	36.4

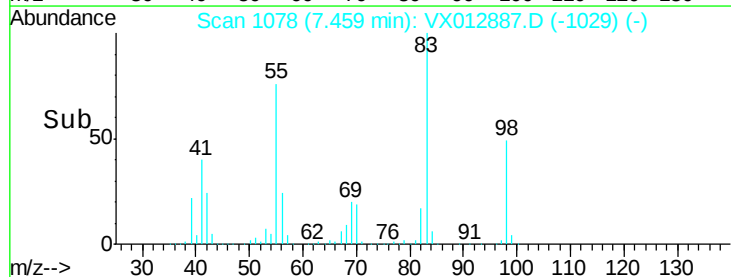
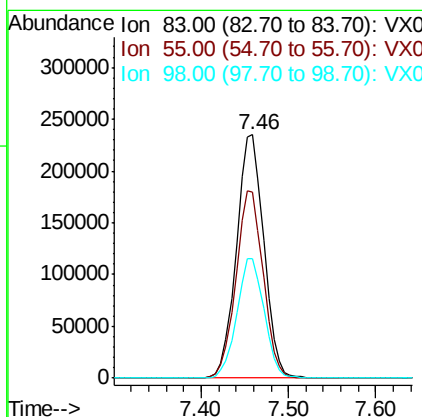
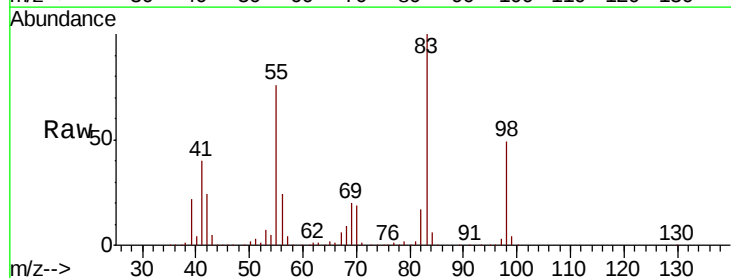
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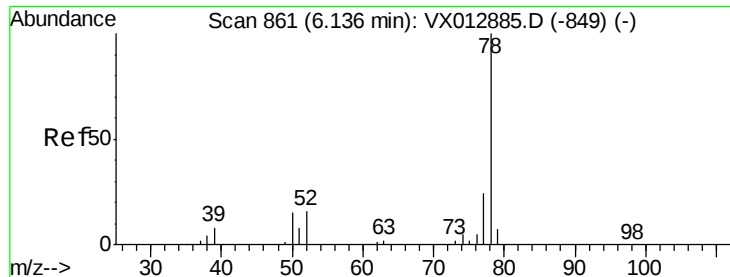
MMDadoda
10/9/2019 10:36:45 AM



#39
Methylcyclohexane
Concen: 144.149 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.2	90.4
98	49.1	38.5	57.7





#40

Benzene

Concen: 142.164 ug/l

RT: 6.14 min Scan# 861

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 78 Resp: 1225157

Ion Ratio Lower Upper

78 100

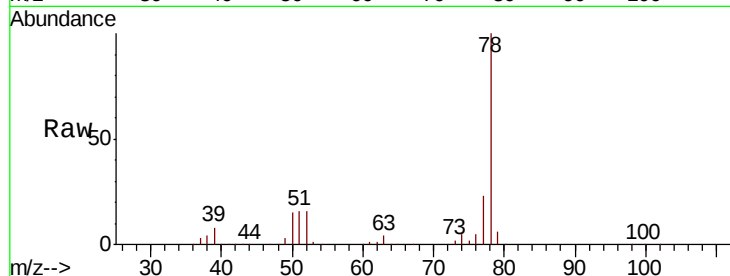
77 22.7 19.0 28.4

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Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

6.14

500000

400000

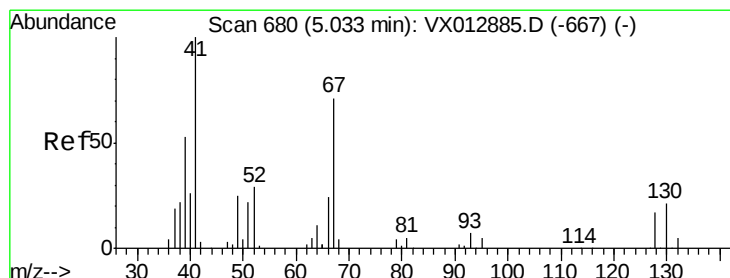
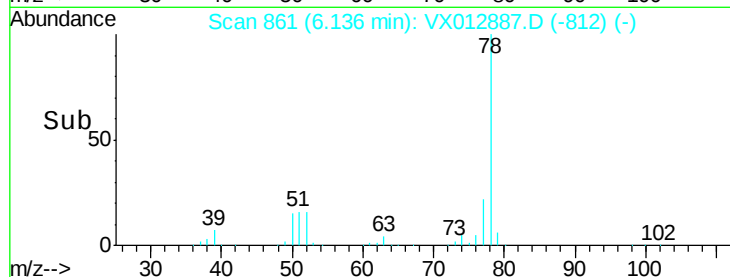
300000

200000

100000

0

Time-->



#41

Methacrylonitrile

Concen: 136.876 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion: 41 Resp: 259360

Ion Ratio Lower Upper

41 100

39 53.1 44.0 66.0

67 71.1 58.5 87.7

52 29.1 23.8 35.8

Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

200000

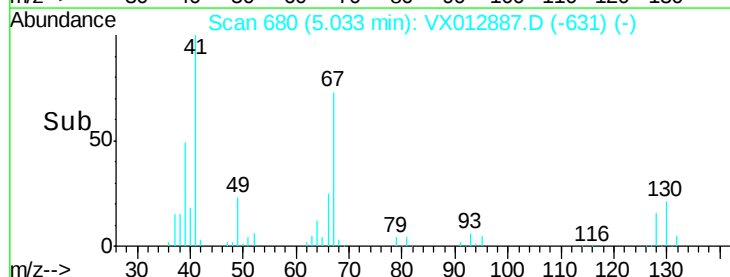
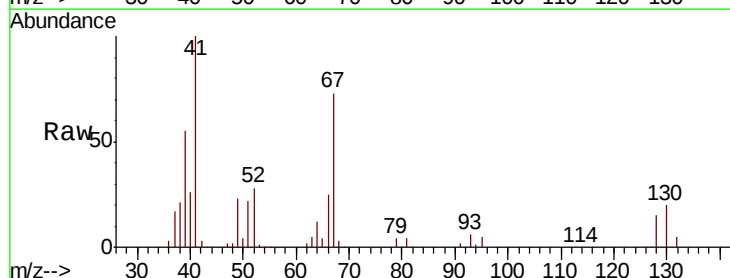
150000

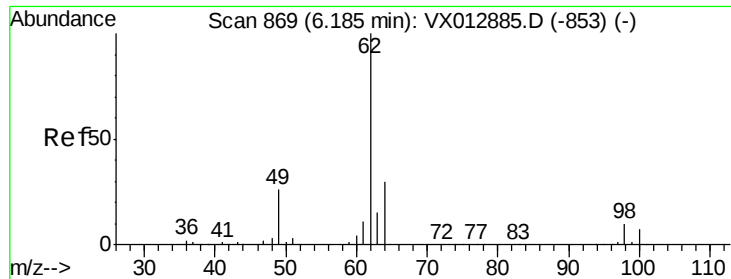
100000

50000

0

Time-->





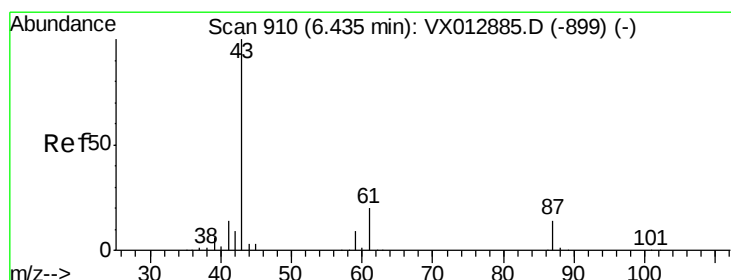
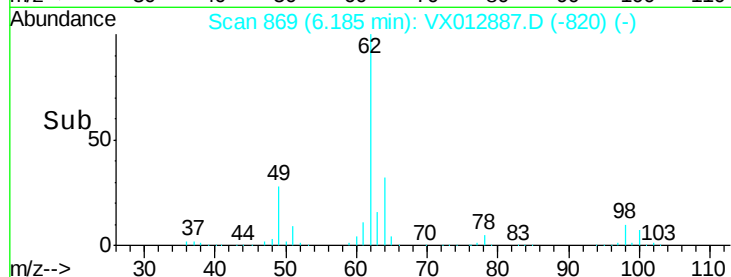
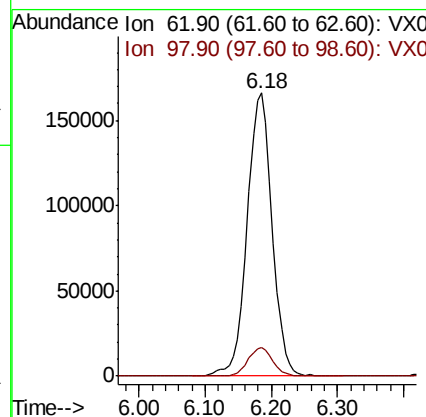
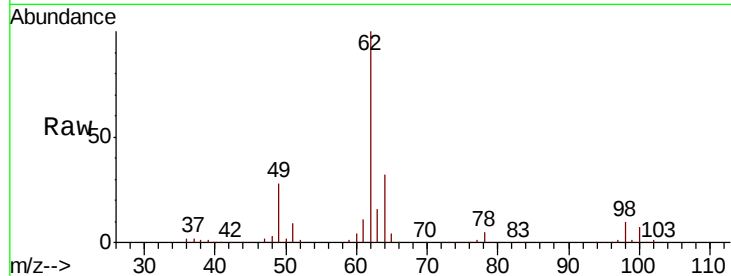
#42
 1,2-Dichloroethane
 Concen: 134.061 ug/l
 RT: 6.18 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4

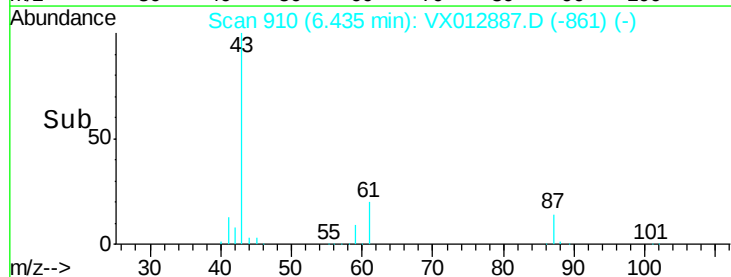
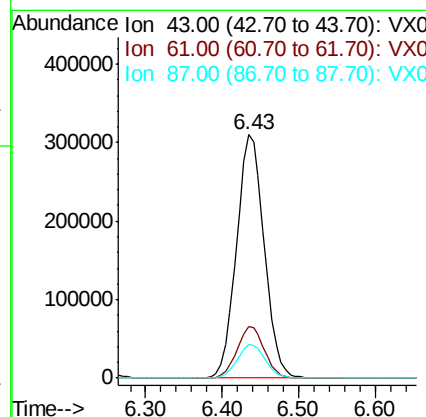
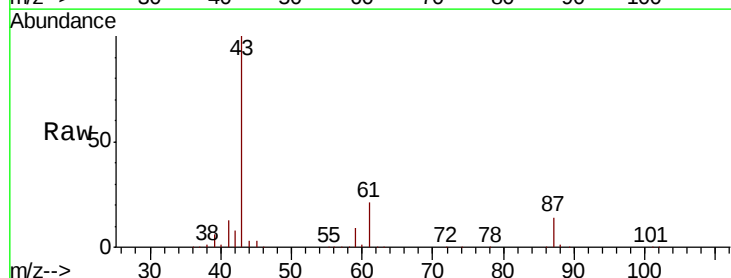
Manual Integrations
 APPROVED

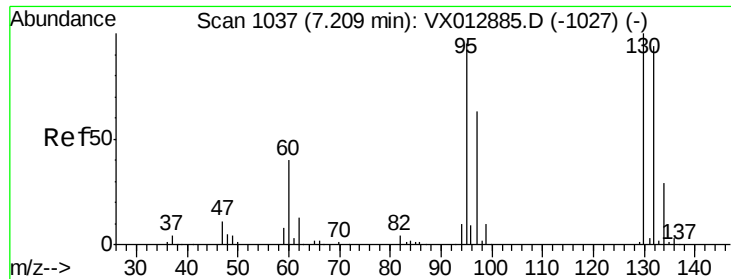
MMDadoda
 10/9/2019 10:36:45 AM



#43
 Isopropyl Acetate
 Concen: 136.928 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.6	24.8
87	14.0	11.0	16.6





#44

Trichloroethene

Concen: 144.715 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 321084

Ion Ratio Lower Upper

130 100

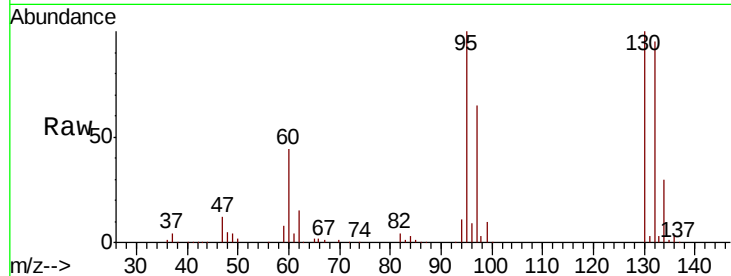
95 100.3 0.0 189.2

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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

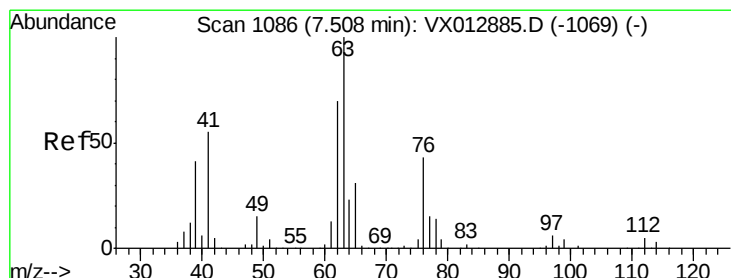
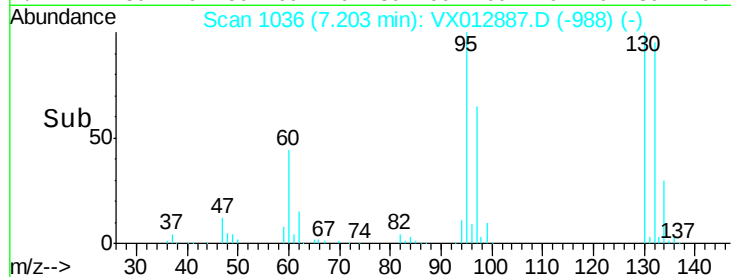
150000

100000

50000

0

Time-->



#45

1,2-Dichloropropane

Concen: 141.425 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012887.D

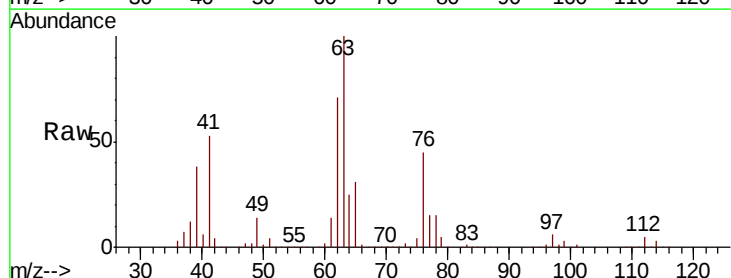
Acq: 08 Oct 2019 13:00

Tgt Ion: 63 Resp: 312000

Ion Ratio Lower Upper

63 100

65 30.6 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

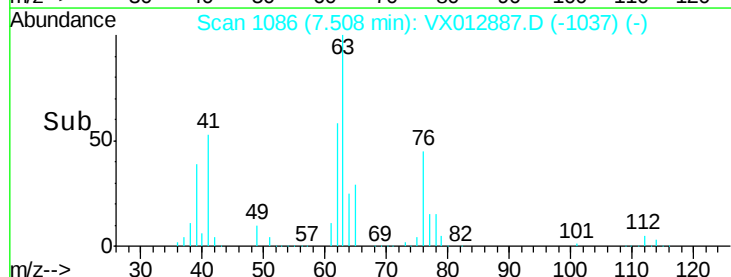
150000

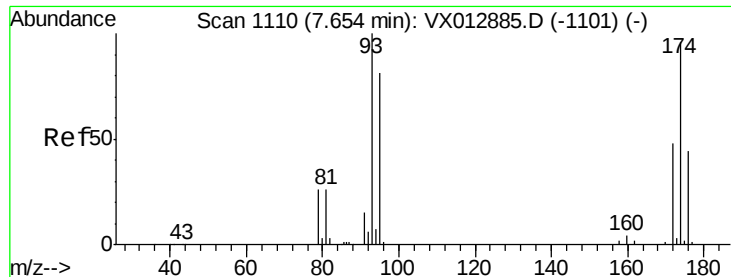
100000

50000

0

Time-->





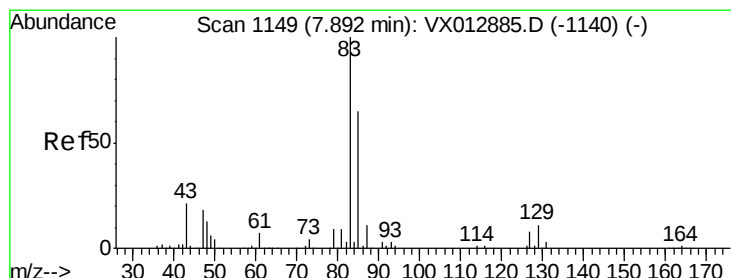
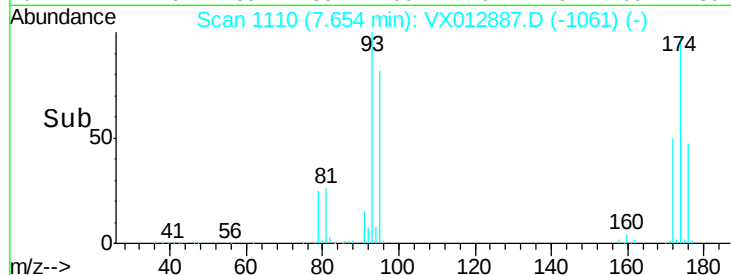
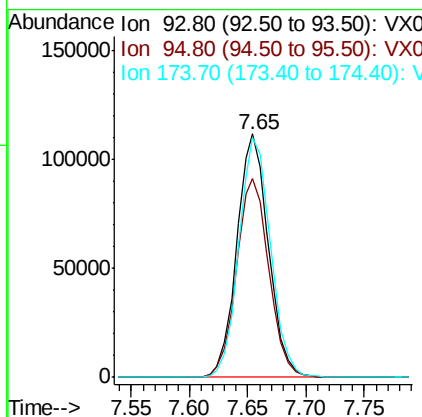
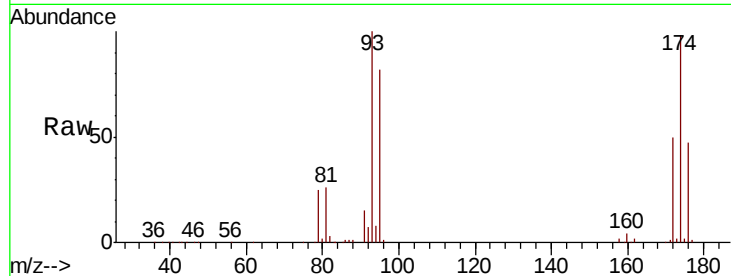
#46
Dibromomethane
Concen: 140.602 ug/l
RT: 7.65 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
93	100		
95	84.0	66.3	99.5
174	99.0	77.8	116.6

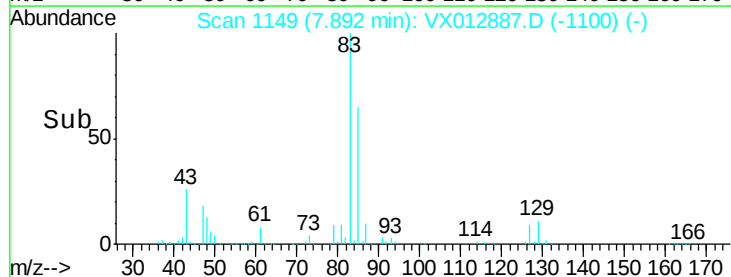
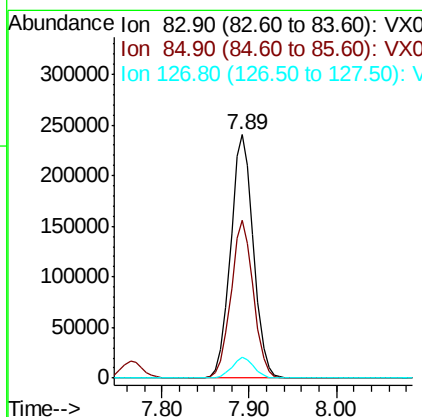
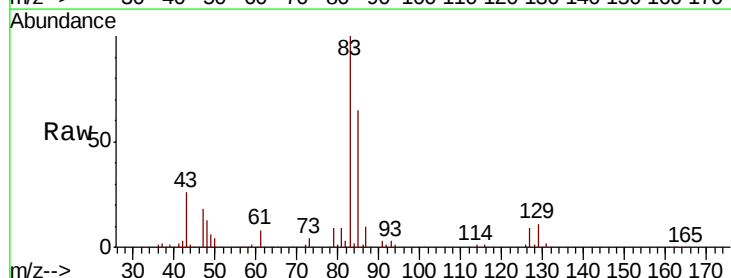
Manual Integrations
APPROVED

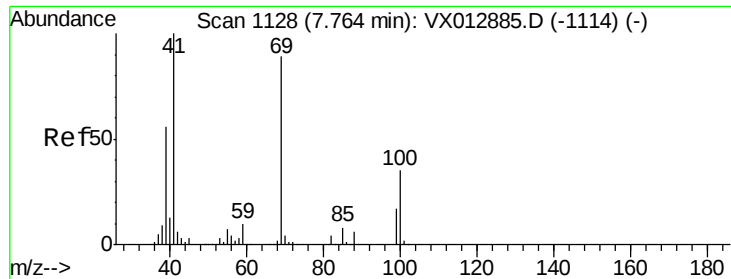
MMDadoda
10/9/2019 10:36:45 AM



#47
Bromodichloromethane
Concen: 145.733 ug/l
RT: 7.89 min Scan# 1149
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	52.4	78.6
127	8.6	6.6	10.0





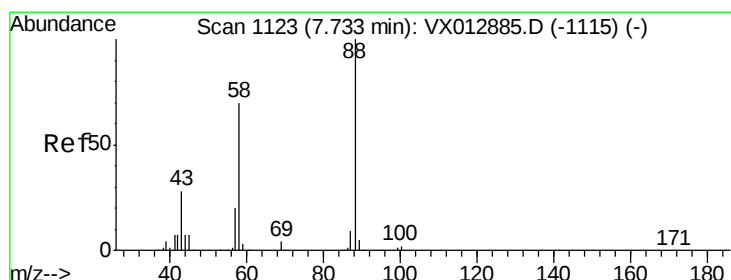
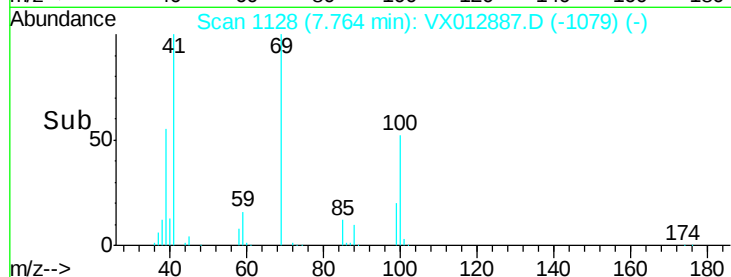
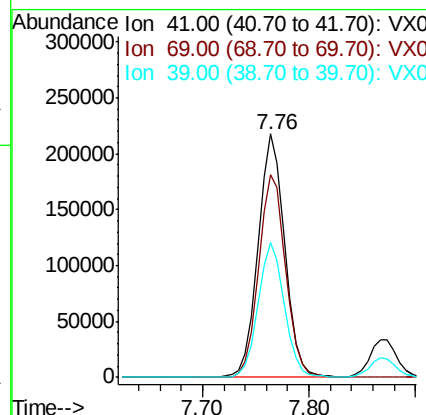
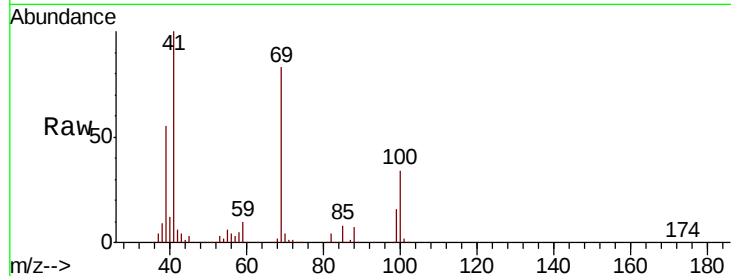
#48
Methvl methacrylate
Concen: 140.764 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		381471		
69	84.7	68.7	103.1		
39	54.8	44.3	66.5		

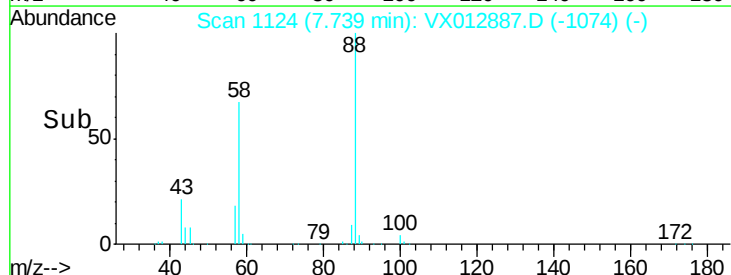
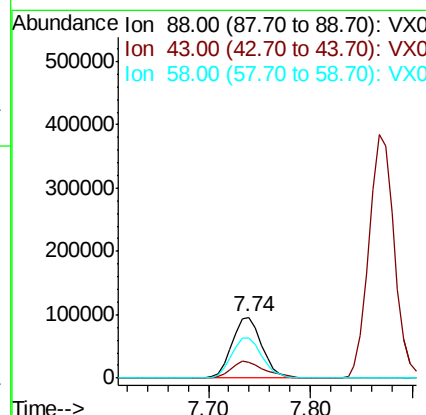
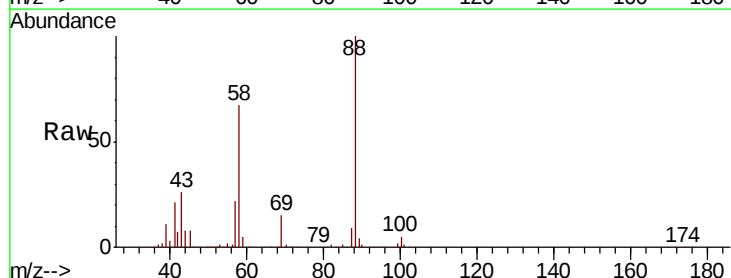
Manual Integrations
APPROVED

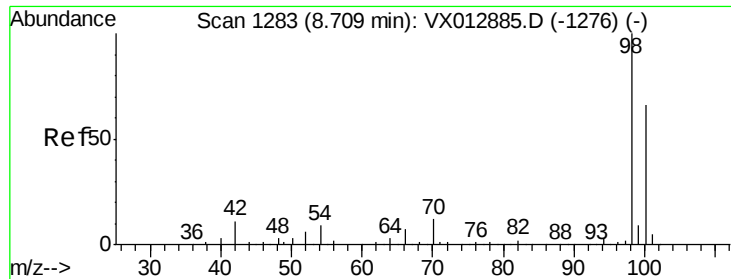
MMDadoda
10/9/2019 10:36:45 AM



#49
1,4-Dioxane
Concen: 3095.224 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
88	100		192773		
43	30.4	25.0	37.6		
58	68.9	55.4	83.2		





#50

Toluene-d8

Concen: 148.579 ug/l

RT: 8.71 min Scan# 1284

Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 1041891

Ion Ratio Lower Upper

98 100

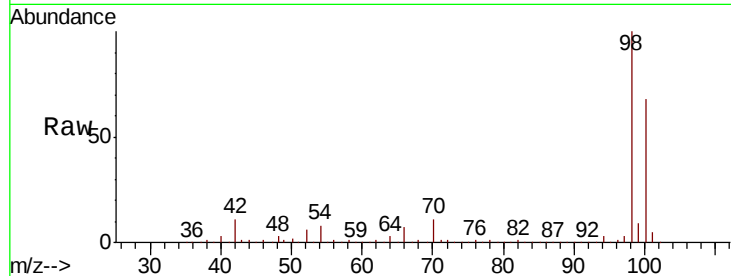
100 67.2 53.4 80.2

Manual Integrations

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Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

600000

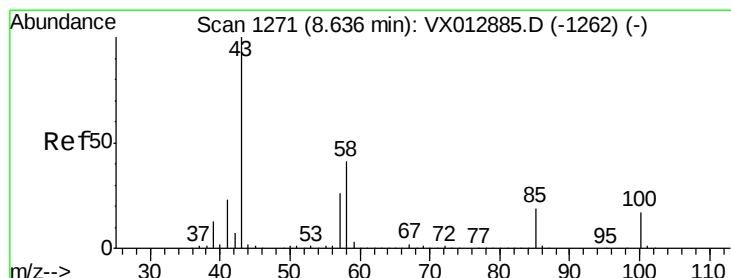
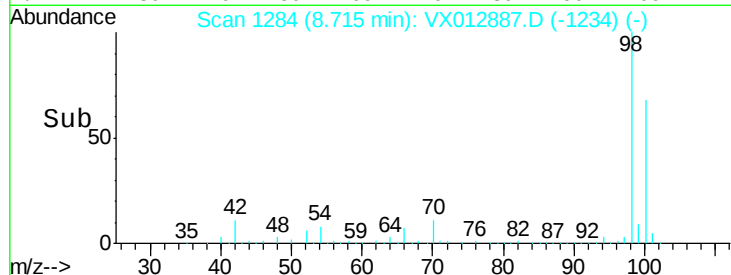
400000

200000

0

8.60 8.70 8.80 8.90

Time-->



#51

4-Methyl-2-Pentanone

Concen: 685.132 ug/l

RT: 8.64 min Scan# 1272

Delta R.T. 0.01 min

Lab File: VX012887.D

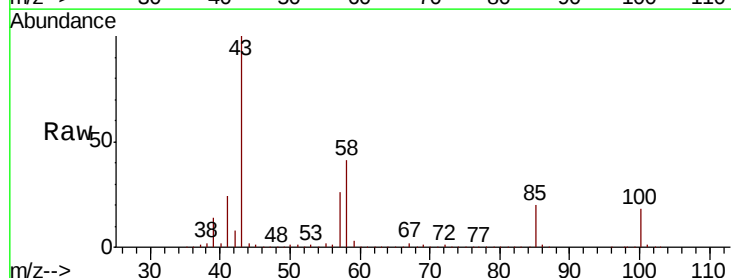
Acq: 08 Oct 2019 13:00

Tgt Ion: 43 Resp: 2393075

Ion Ratio Lower Upper

43 100

58 40.8 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

1500000

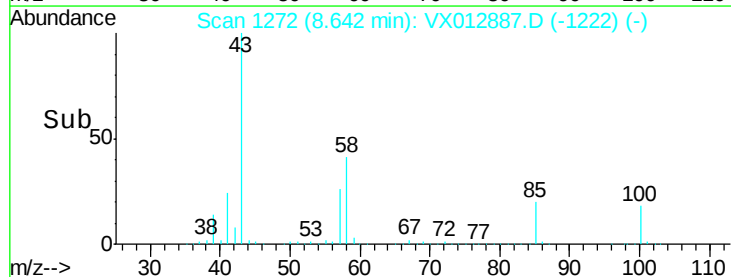
1000000

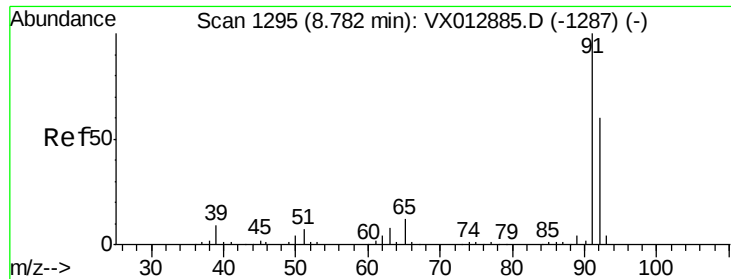
500000

0

8.55 8.60 8.65 8.70

Time-->





#52

Toluene

Concen: 144.277 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 781075

Ion Ratio Lower Upper

92 100

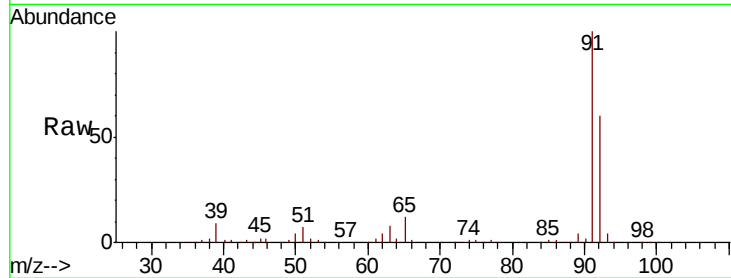
91 167.5 135.9 203.9

Manual Integrations

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Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

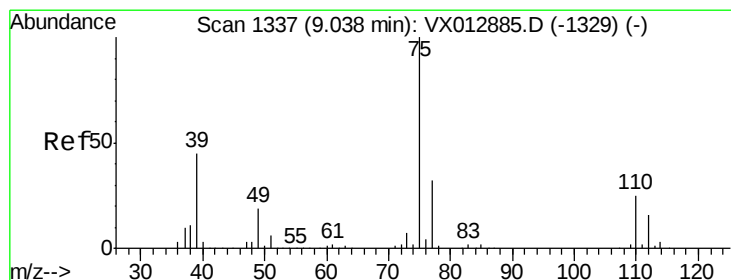
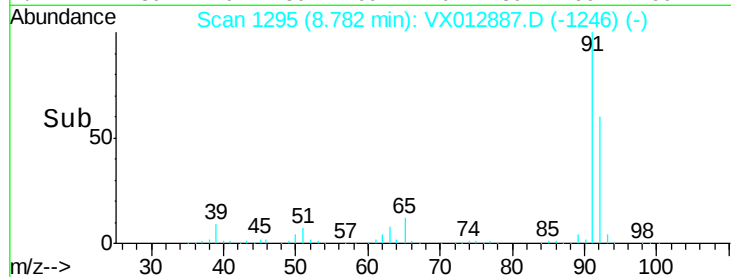
400000

200000

0

8.70 8.80 8.90 9.00

Time-->



#53

t-1,3-Dichloropropene

Concen: 152.567 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX012887.D

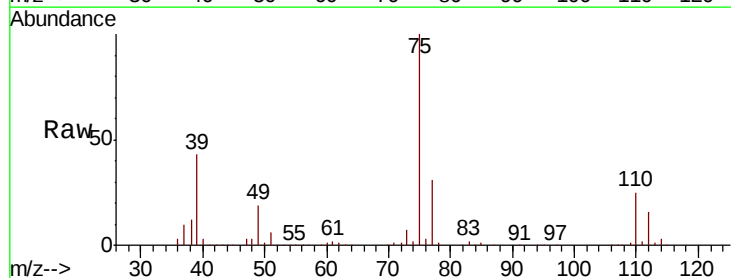
Acq: 08 Oct 2019 13:00

Tgt Ion: 75 Resp: 503998

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

400000

300000

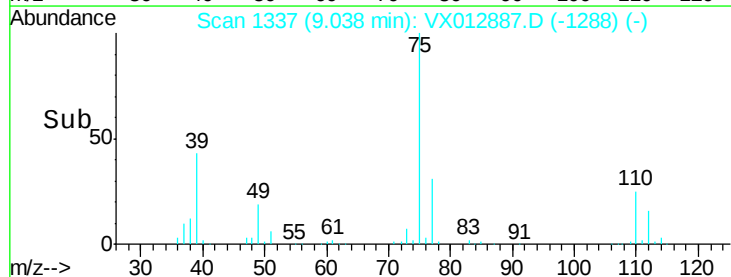
200000

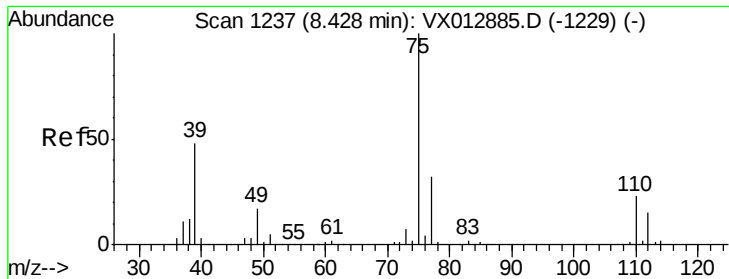
100000

0

9.00 9.10

Time-->





#54

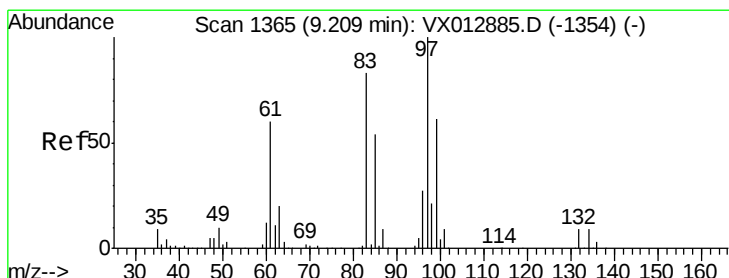
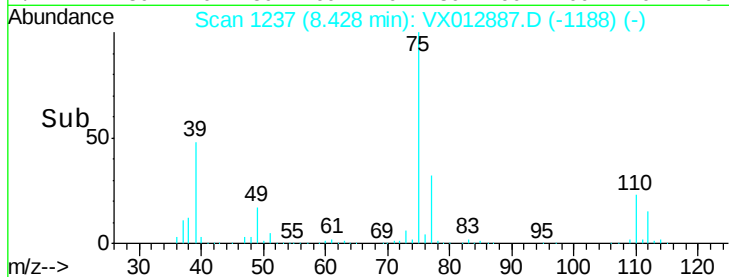
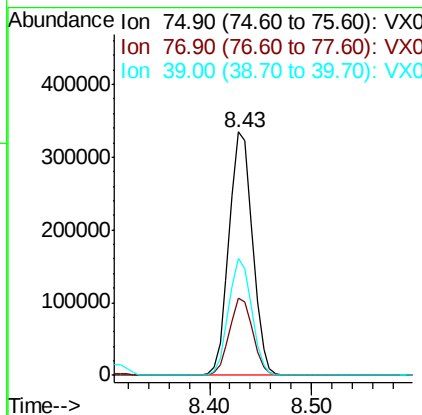
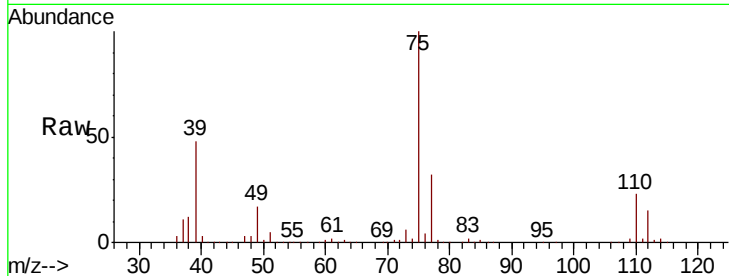
cis-1,3-Dichloropropene
Concen: 147.598 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.8	38.8
39	48.0	38.2	57.2

Manual Integrations
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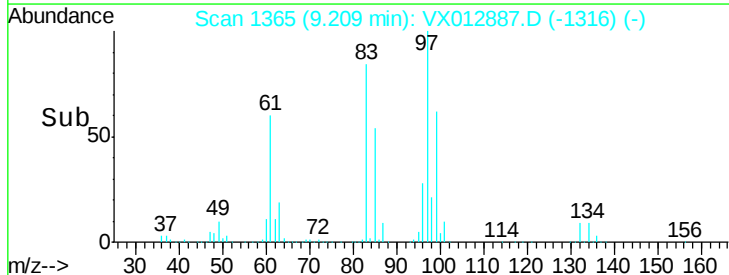
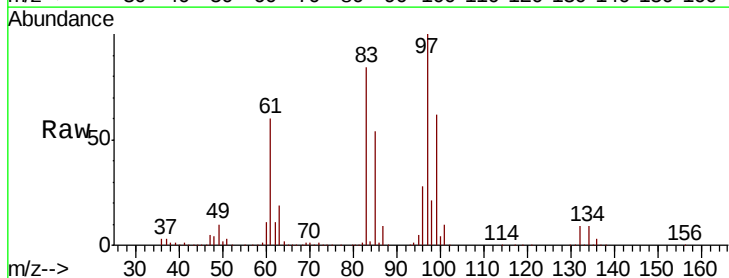
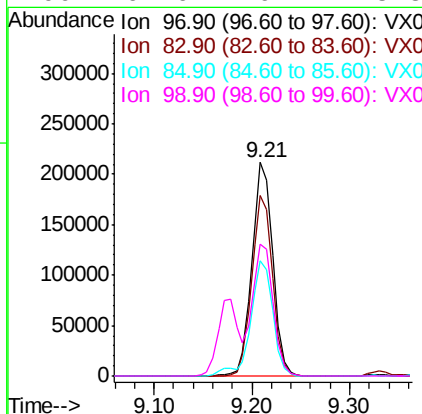
MMDadoda
10/9/2019 10:36:45 AM

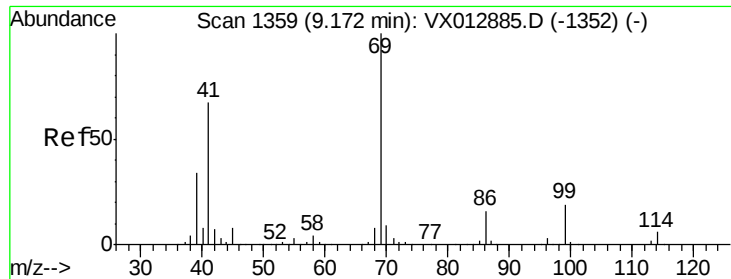


#55

1,1,2-Trichloroethane
Concen: 145.026 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.5	99.7
85	54.1	43.1	64.7
99	61.6	49.2	73.8





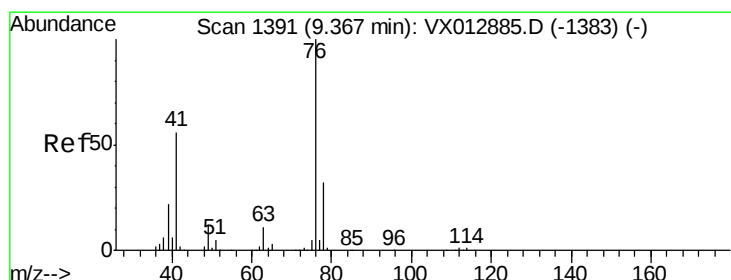
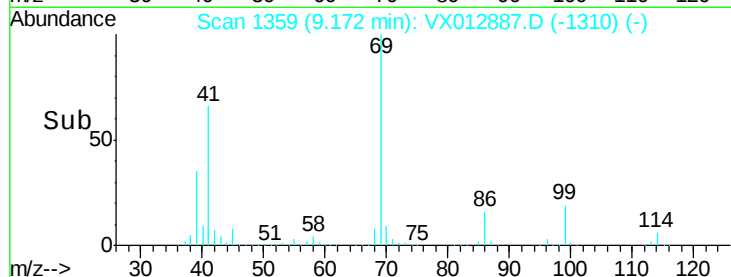
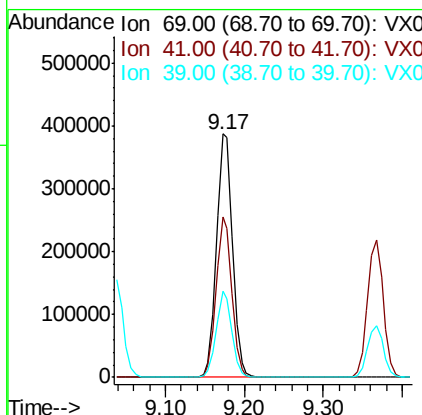
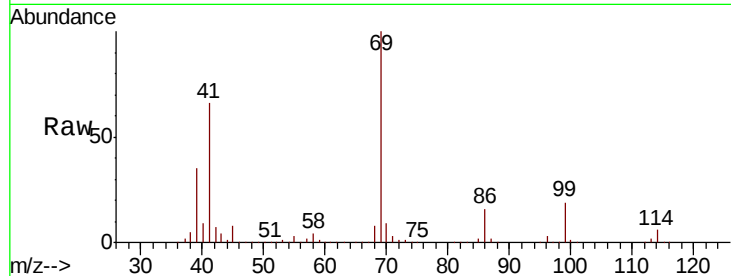
#56
Ethyl methacrylate
Concen: 152.679 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
69	100		
41	64.6	52.1	78.1
39	34.1	27.8	41.8

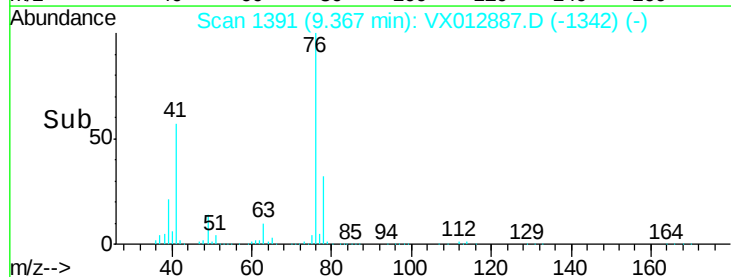
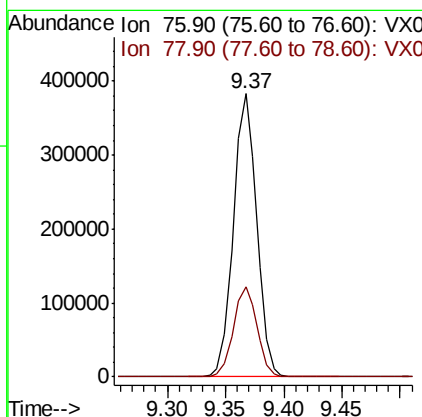
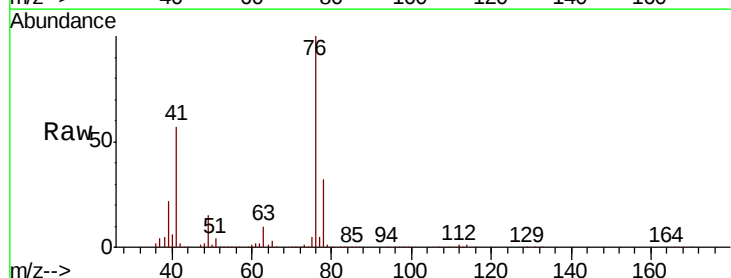
Manual Integrations
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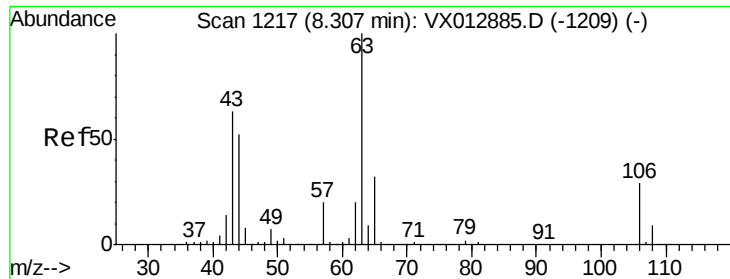
MMDadoda
10/9/2019 10:36:45 AM



#57
1,3-Dichloropropane
Concen: 142.169 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.1	39.1





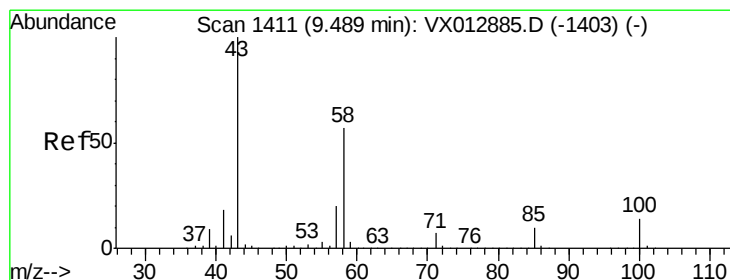
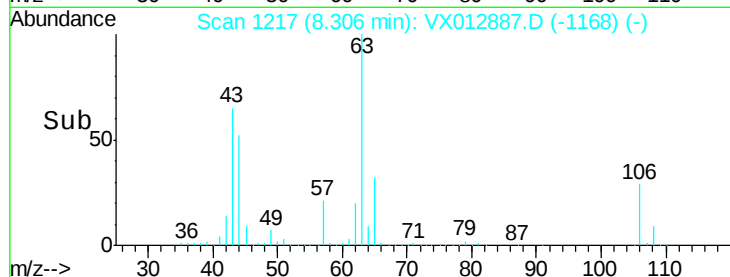
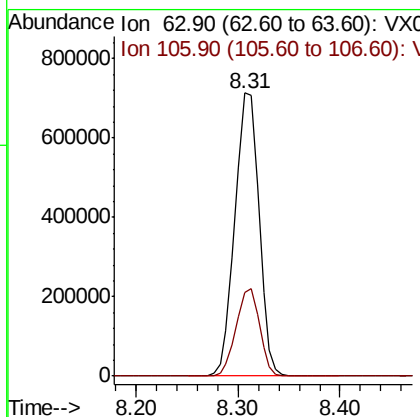
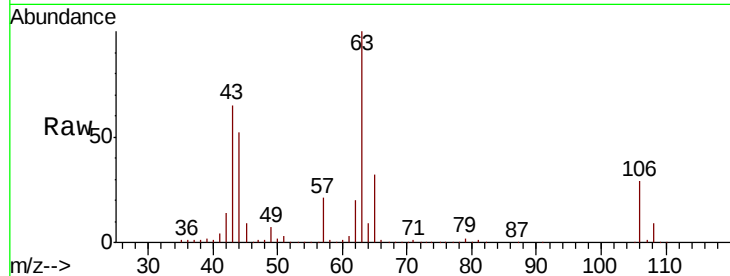
#58
2-Chloroethyl Vinyl ether
Concen: 724.099 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 63 Resp: 1164334
Ion Ratio Lower Upper
63 100
106 30.2 23.8 35.8

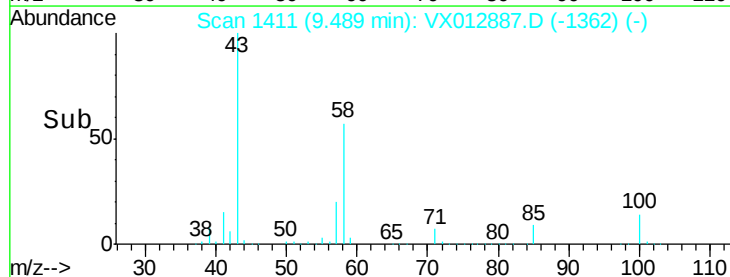
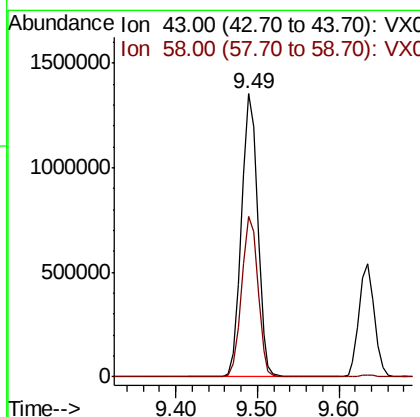
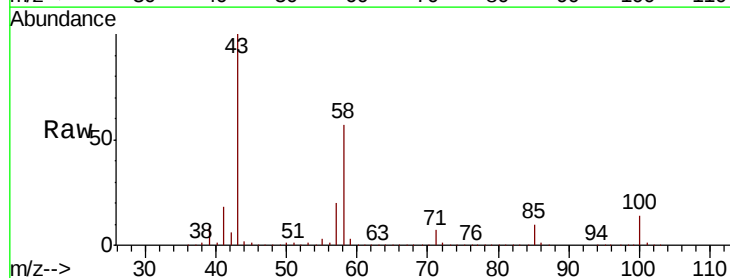
Manual Integrations
APPROVED

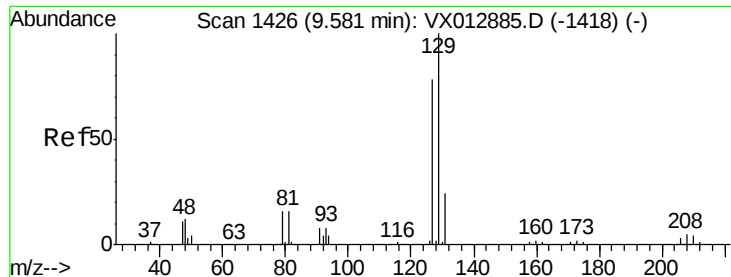
MMDadoda
10/9/2019 10:36:45 AM



#59
2-Hexanone
Concen: 691.138 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion: 43 Resp: 1844017
Ion Ratio Lower Upper
43 100
58 57.1 28.1 84.3





#60

Dibromochloromethane

Concen: 155.816 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 339740

Ion Ratio Lower Upper

129 100

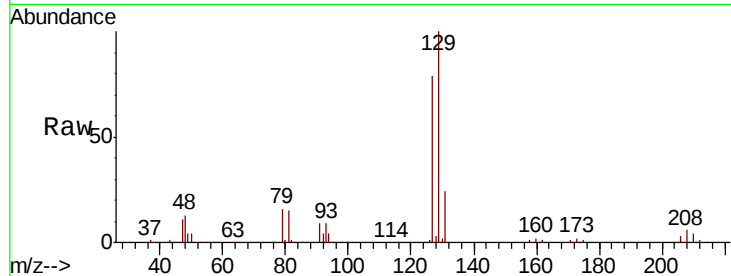
127 79.0 38.9 116.7

Manual Integrations

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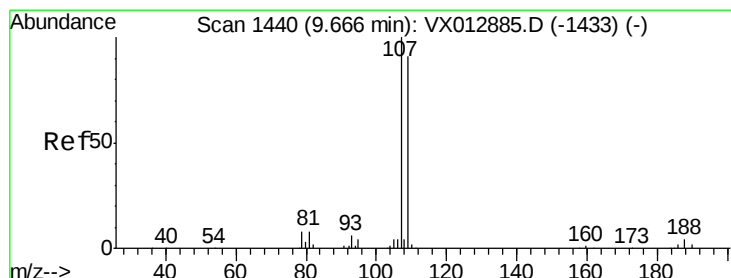
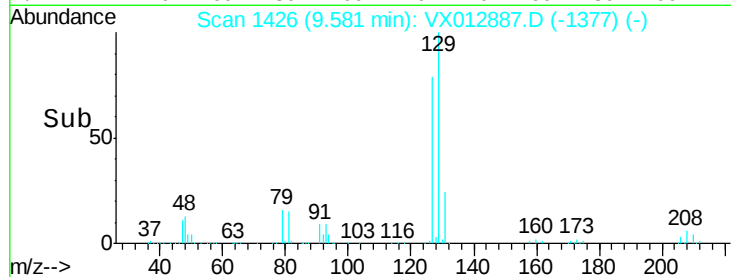
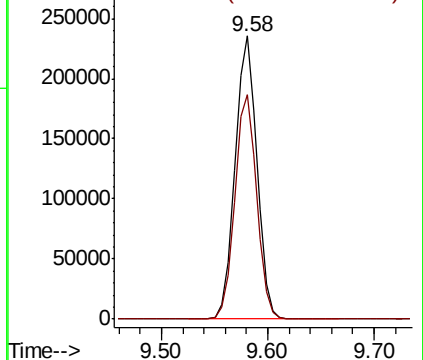
MMDadoda

10/9/2019 10:36:45 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 149.109 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012887.D

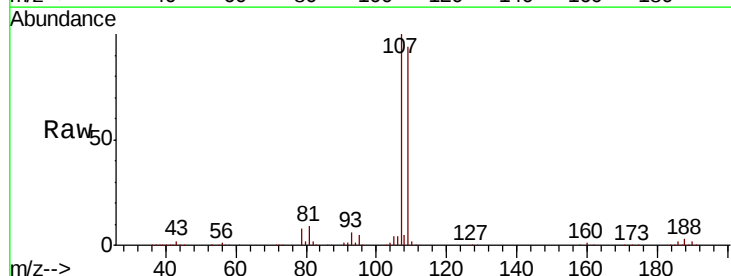
Acq: 08 Oct 2019 13:00

Tgt Ion:107 Resp: 333968

Ion Ratio Lower Upper

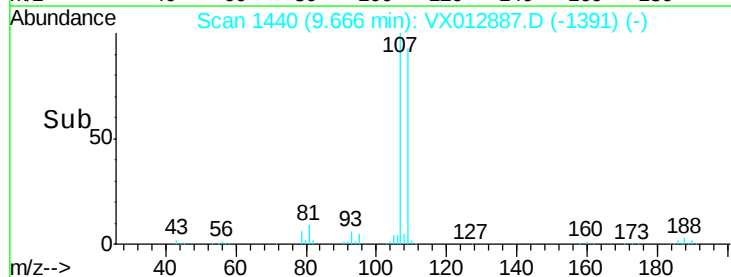
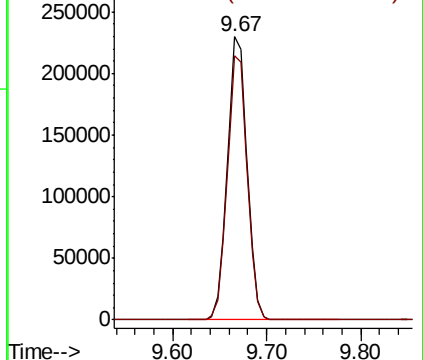
107 100

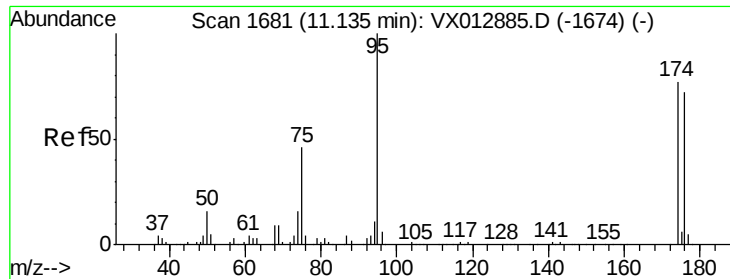
109 94.3 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 152.216 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 95 Resp: 419514

Ion Ratio Lower Upper

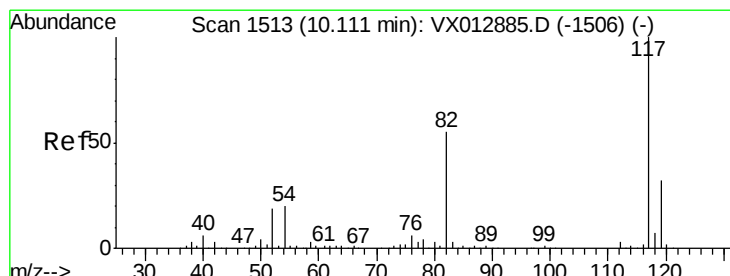
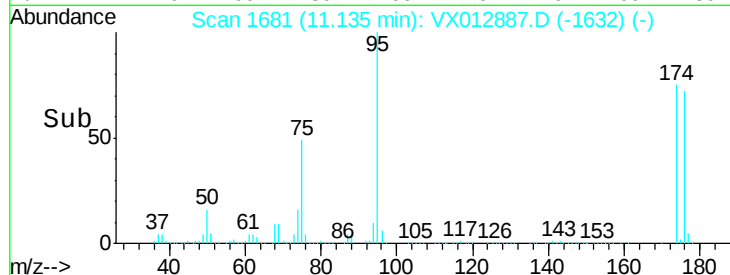
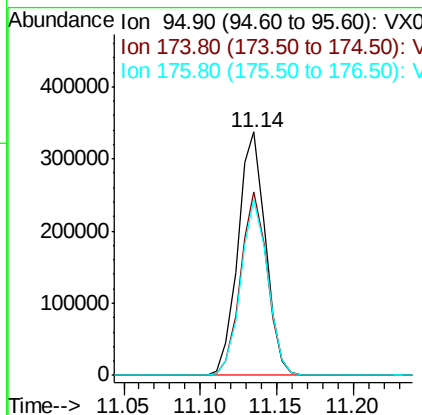
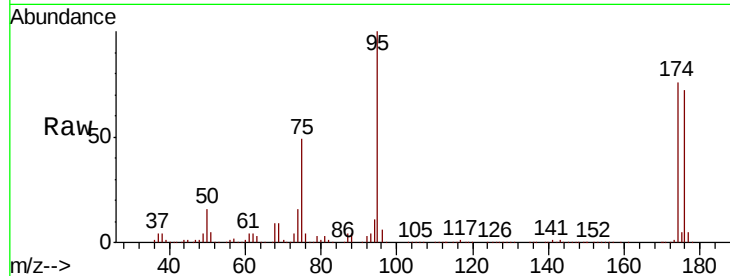
95 100

174 73.2 0.0 143.4

176 71.0 0.0 136.0

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

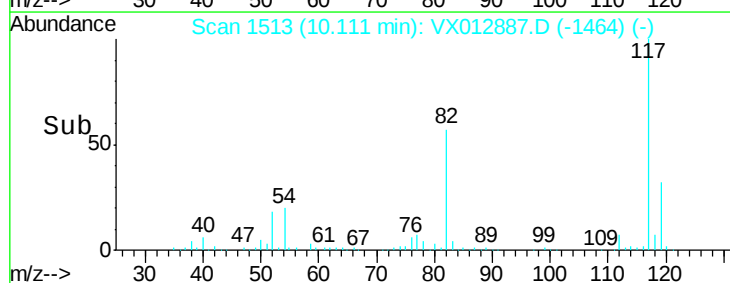
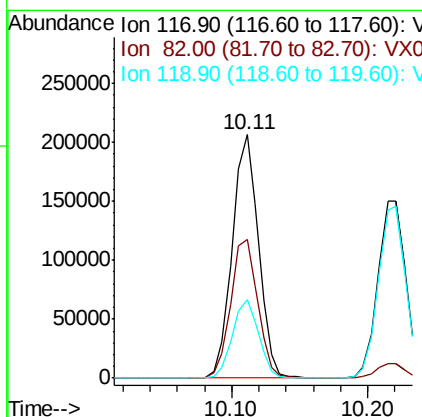
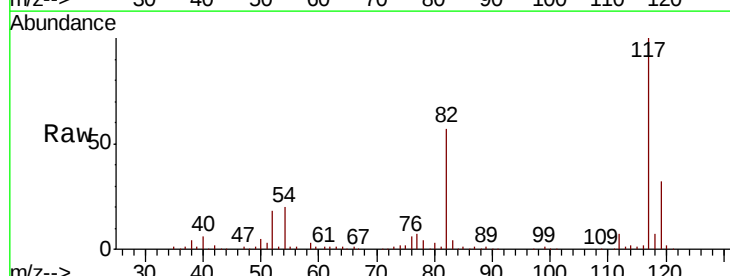
Tgt Ion: 117 Resp: 277454

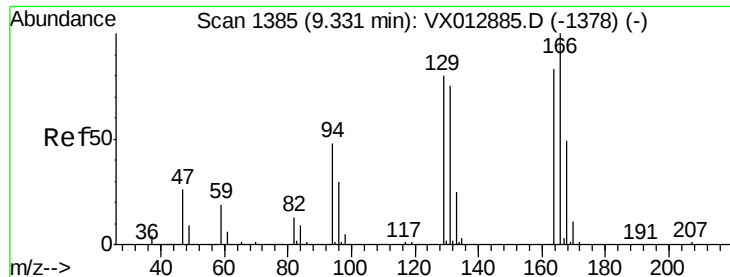
Ion Ratio Lower Upper

117 100

82 57.0 44.1 66.1

119 32.1 25.8 38.8





#64

Tetrachloroethene

Concen: 137.799 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

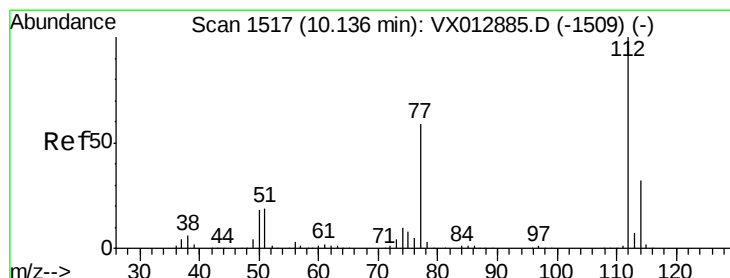
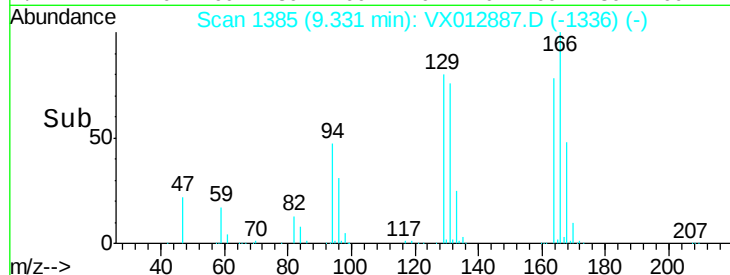
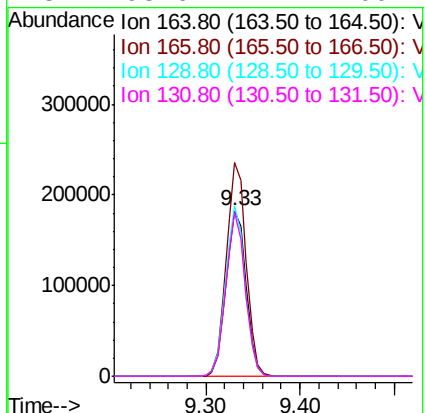
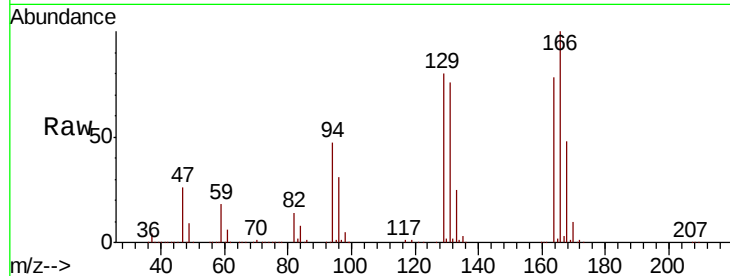
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	129.0	96.9	145.3	
129	103.2	77.9	116.9	
131	98.6	72.7	109.1	

Manual Integrations
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#65

Chlorobenzene

Concen: 142.403 ug/l

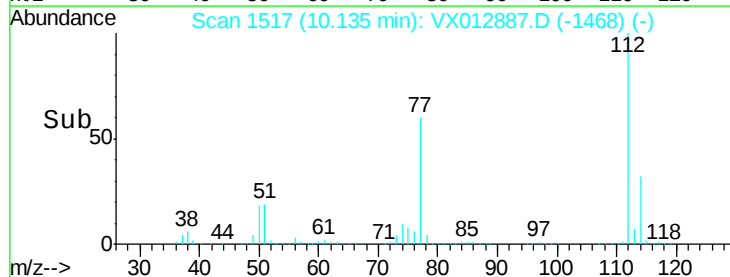
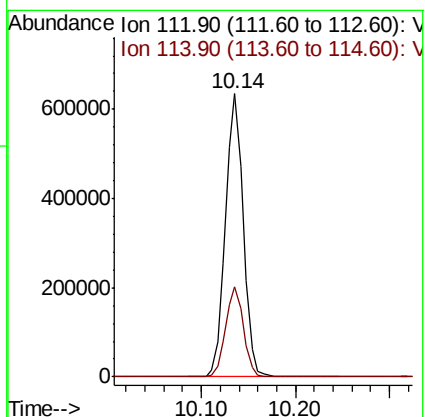
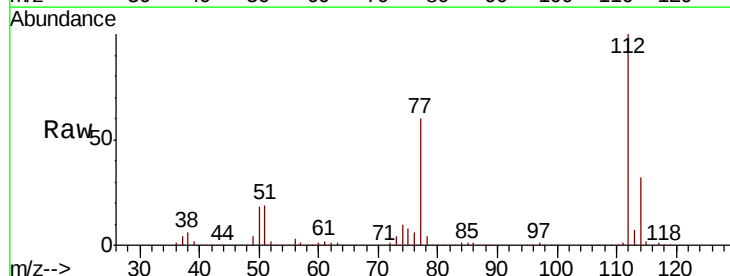
RT: 10.14 min Scan# 1517

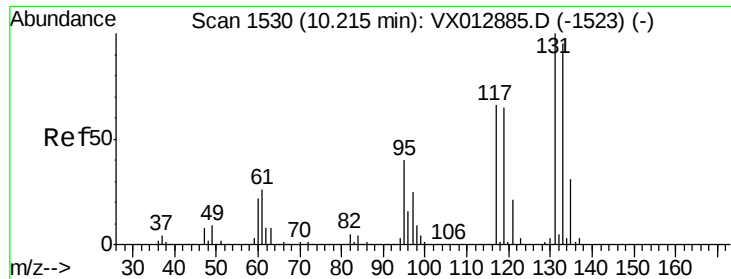
Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	31.7	25.7	38.5	





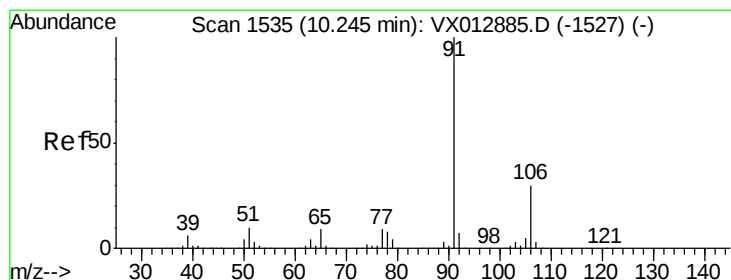
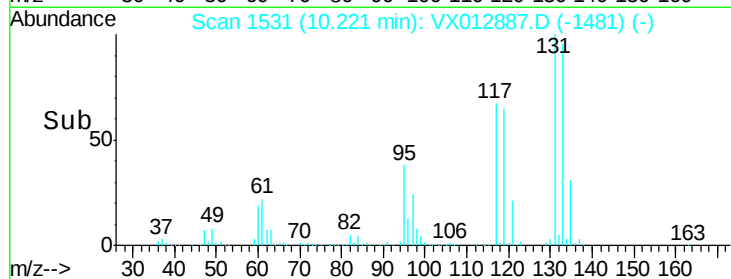
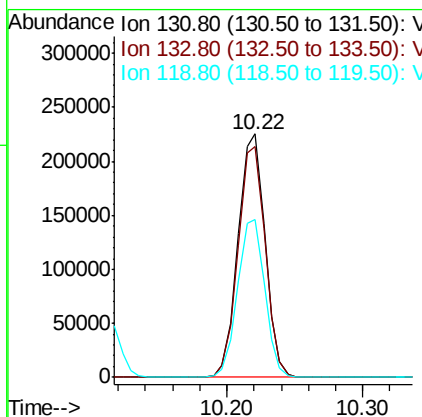
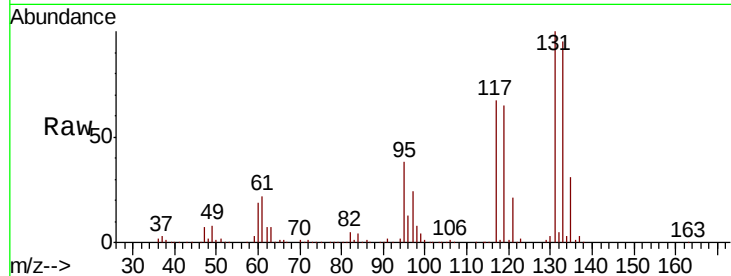
#66
 1,1,1,2-Tetrachloroethane
 Concen: 147.066 ug/l
 RT: 10.22 min Scan# 1531
 Delta R.T. 0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.2	141.6
119	65.5	32.6	98.0

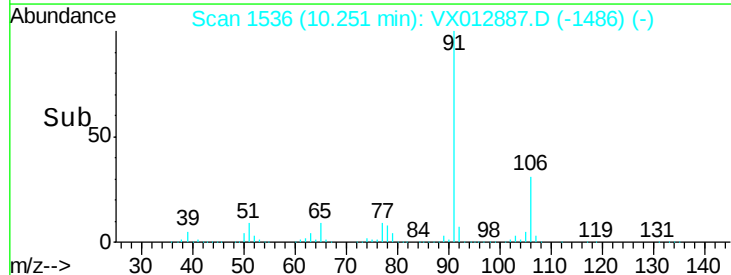
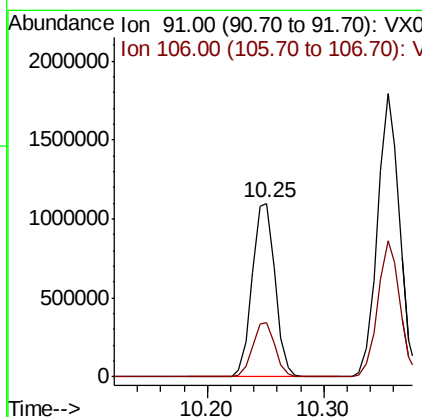
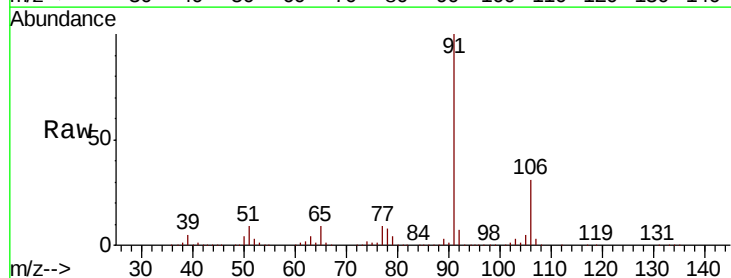
Manual Integrations
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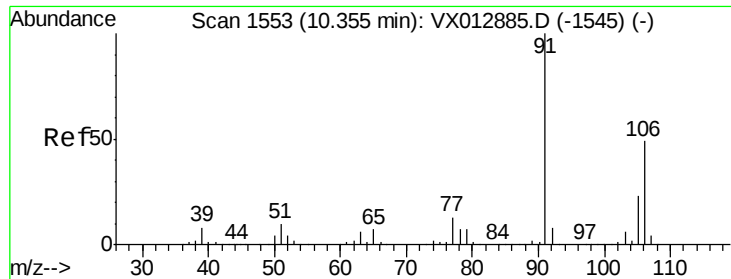
MMDadoda
 10/9/2019 10:36:45 AM



#67
 Ethyl Benzene
 Concen: 142.700 ug/l
 RT: 10.25 min Scan# 1536
 Delta R.T. 0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	23.9	35.9





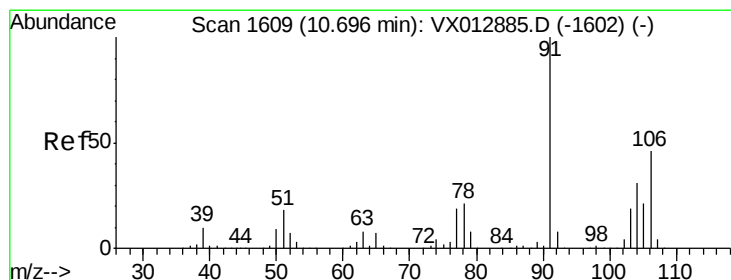
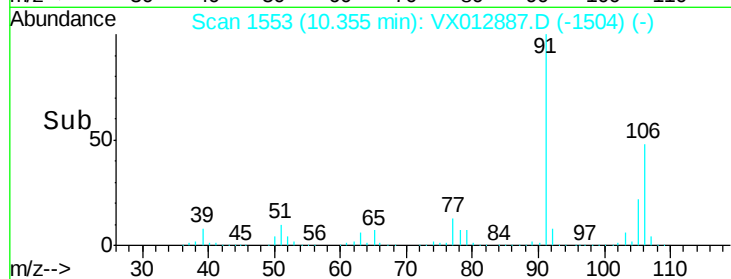
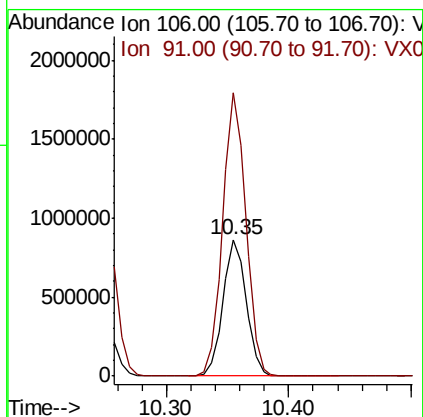
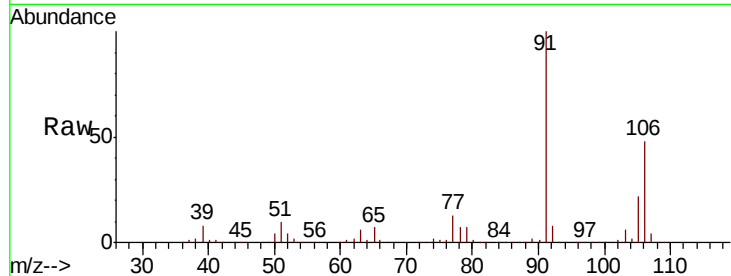
#68
m/p-Xylenes
Concen: 286.662 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1139464
Ion Ratio Lower Upper
106 100
91 206.9 165.3 247.9

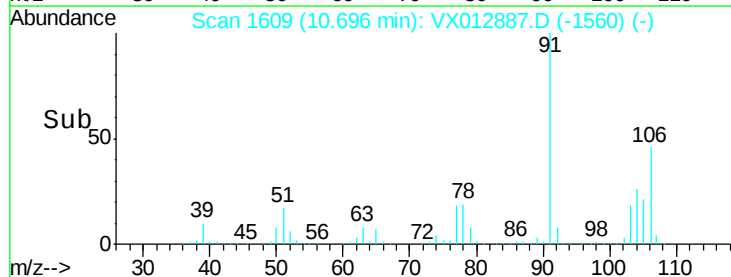
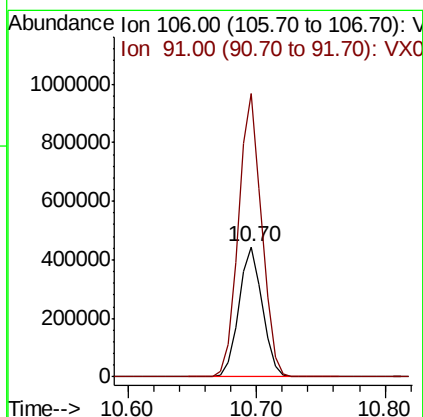
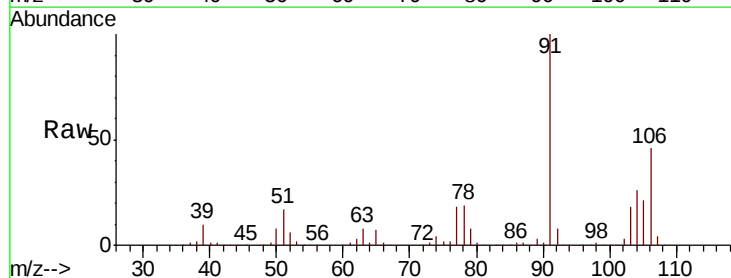
Manual Integrations
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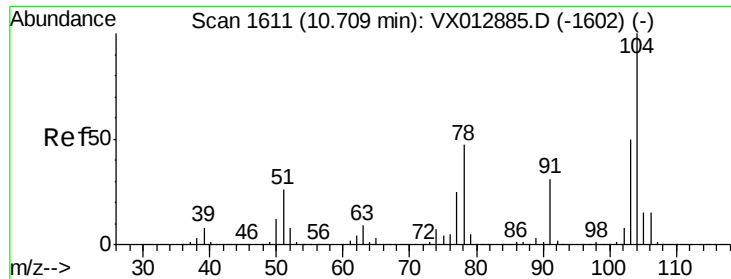
MMDadoda
10/9/2019 10:36:45 AM



#69
o-Xylene
Concen: 145.285 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion:106 Resp: 559636
Ion Ratio Lower Upper
106 100
91 214.9 109.1 327.3





#70

Stvrene

Concen: 153.936 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

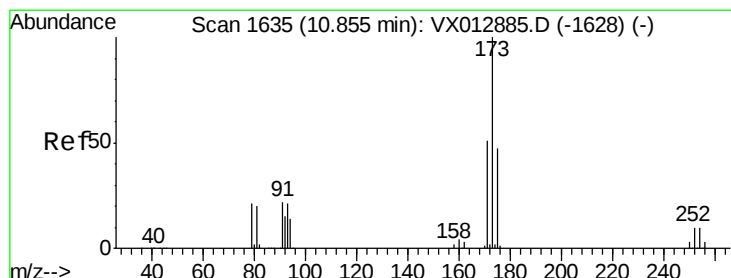
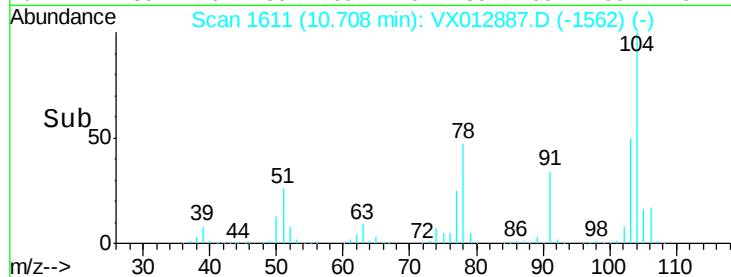
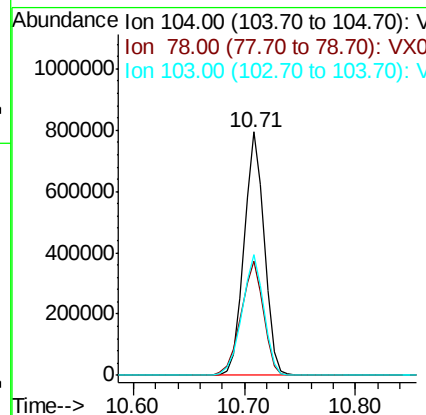
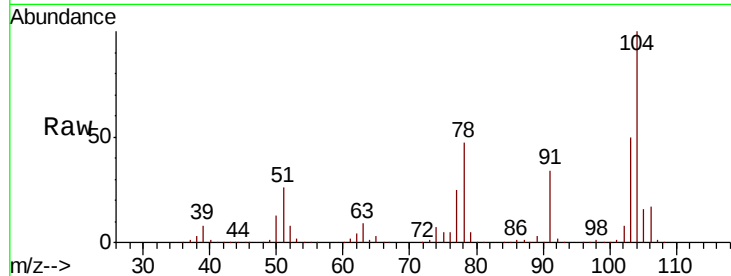
ClientSampled :

VSTDIC150

Tot Ion:	104	Resp:	994973
Ion Ratio	Lower	Upper	
104	100		
78	51.9	41.2	61.8
103	53.6	43.0	64.4

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#71

Bromoform

Concen: 172.484 ug/l

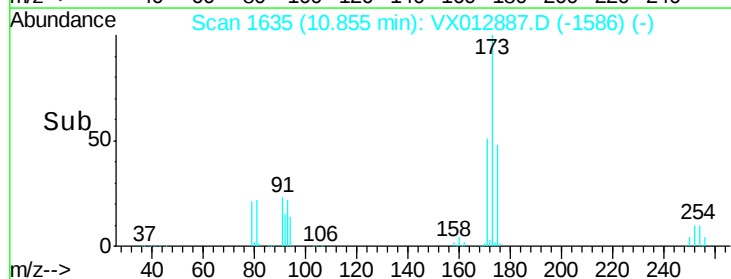
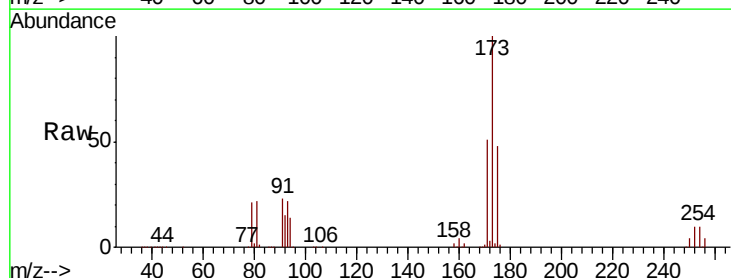
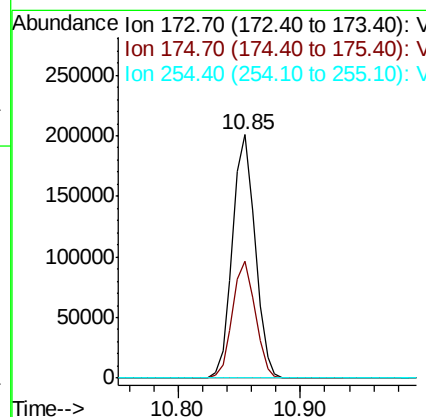
RT: 10.85 min Scan# 1635

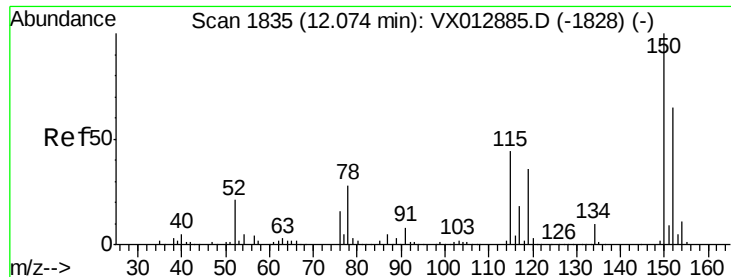
Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion:	173	Resp:	256350
Ion Ratio	Lower	Upper	
173	100		
175	48.5	24.1	72.3
254	0.1	0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:152 Resp: 134493

Ion Ratio Lower Upper

152 100

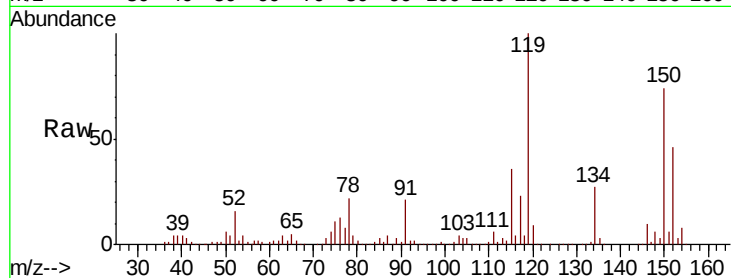
115 135.4 44.5 133.5#

150 207.3 0.0 353.4

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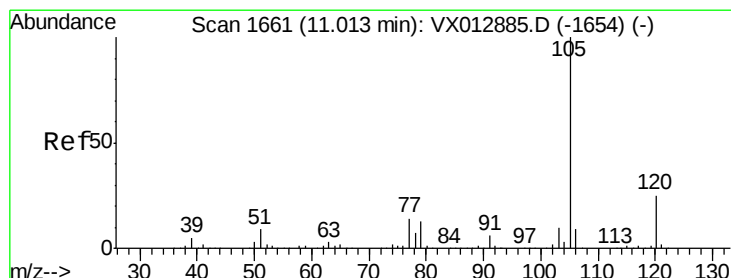
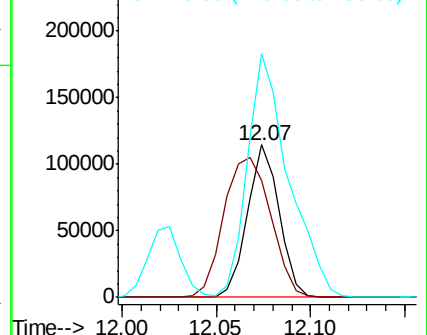
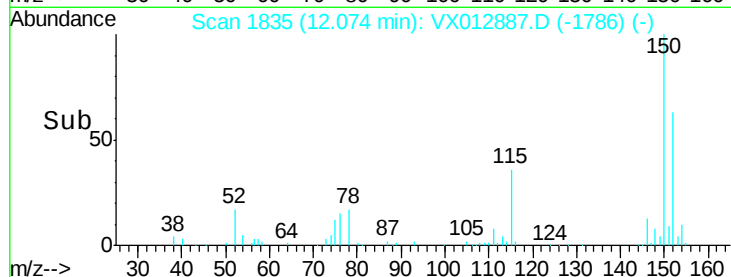
10/9/2019 10:36:45 AM



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 134.112 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012887.D

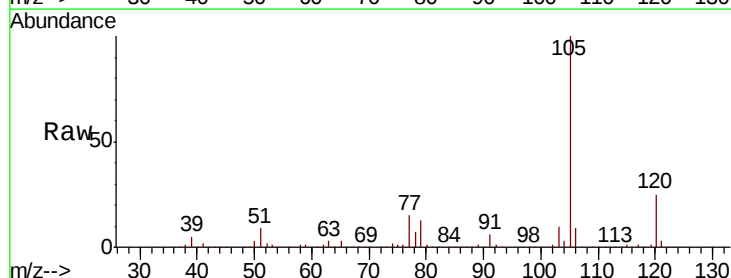
Acq: 08 Oct 2019 13:00

Tgt Ion:105 Resp: 1470049

Ion Ratio Lower Upper

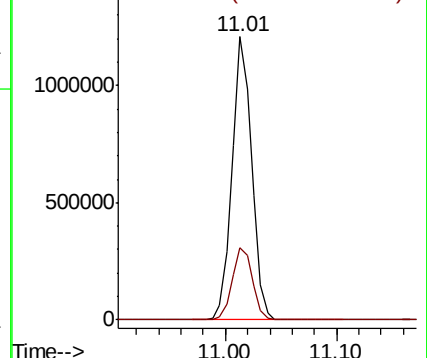
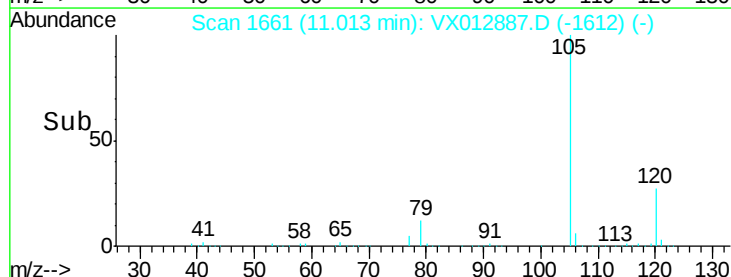
105 100

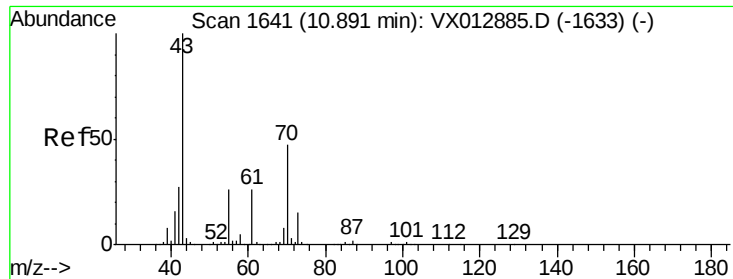
120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 135.459 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

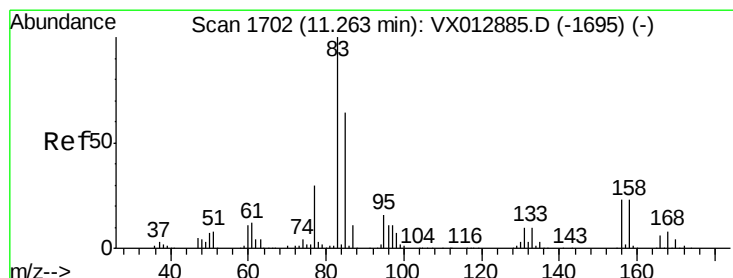
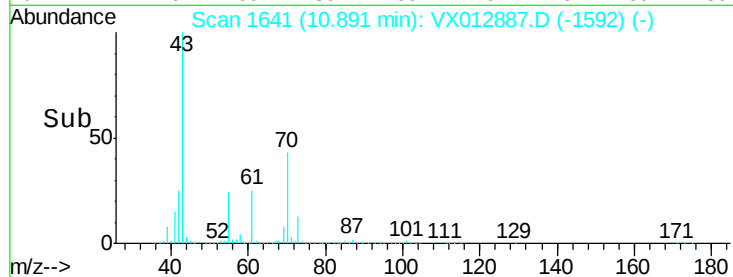
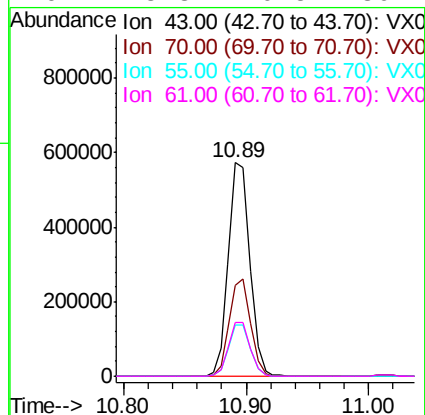
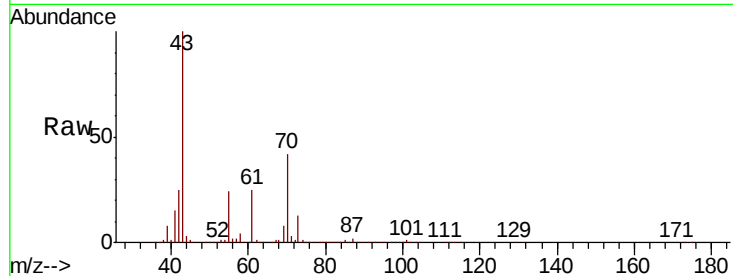
ClientSampleId :

VSTDIC150

Tot Ion	43	Resp	696744
Ion Ratio	Lower	Upper	
43	100		
70	44.8	36.4	54.6
55	24.3	20.2	30.2
61	25.3	20.5	30.7

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#75

1,1,2,2-Tetrachloroethane

Concen: 134.457 ug/l

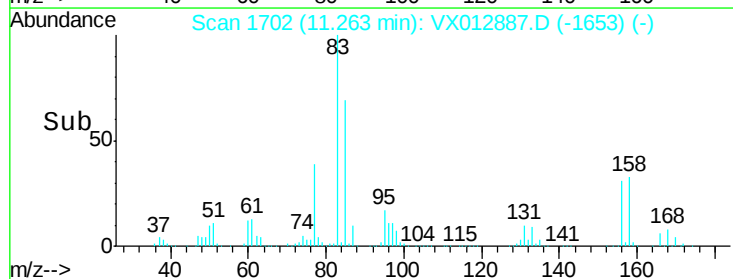
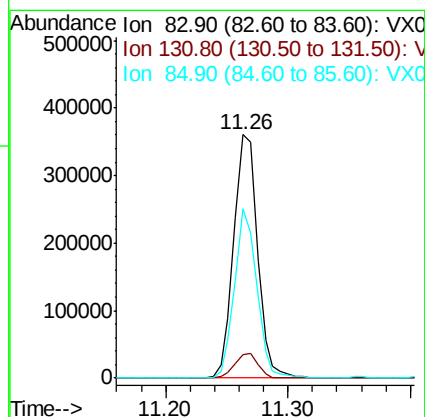
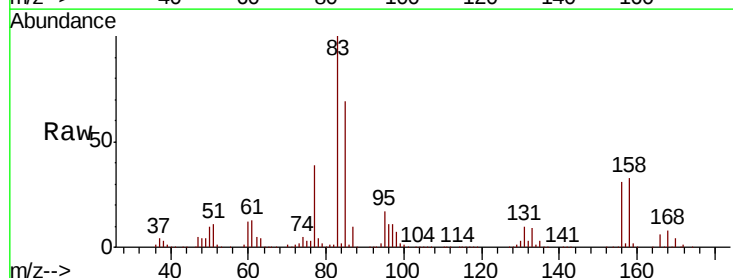
RT: 11.26 min Scan# 1702

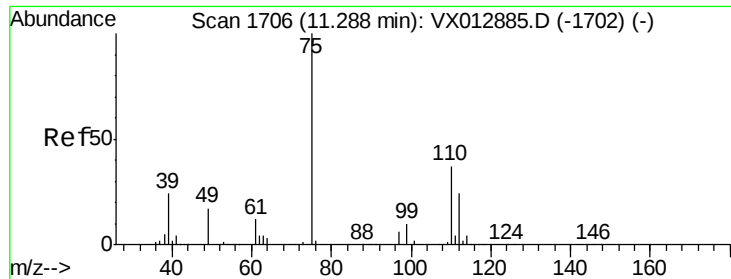
Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion	83	Resp	485267
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.1	15.3
85	64.9	32.1	96.5





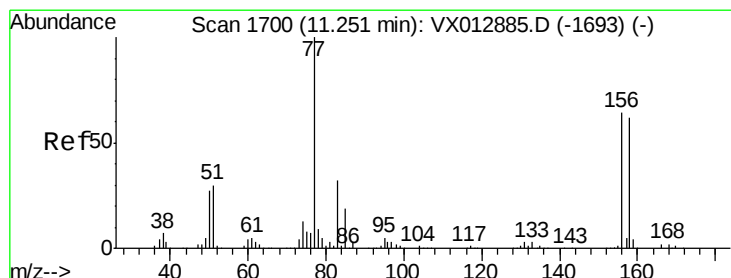
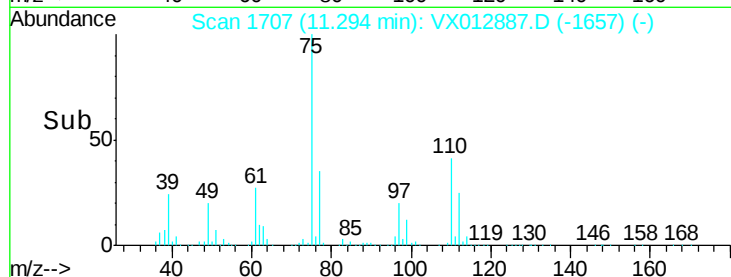
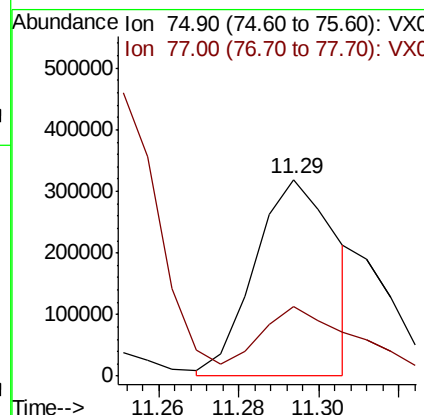
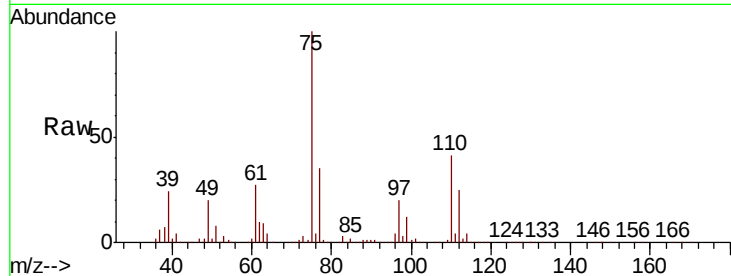
#76
 1,2,3-Trichloropropane
 Concen: 130.874 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 75 Resp: 450279
 Ion Ratio Lower Upper
 75 100
 77 42.2 22.9 68.8

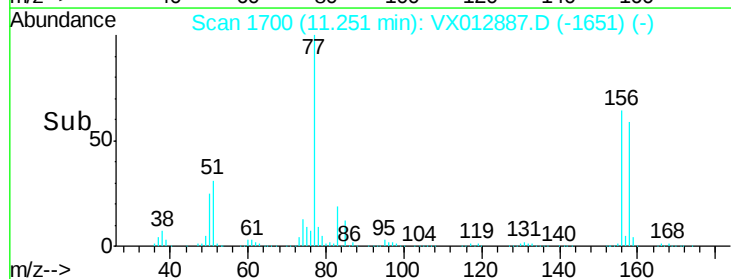
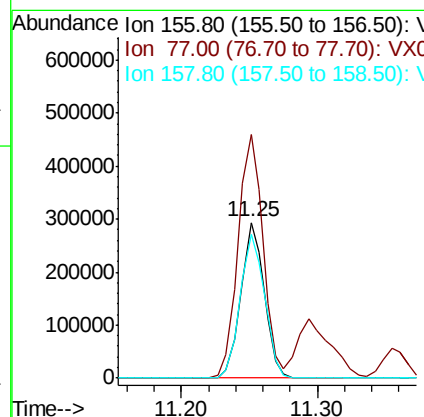
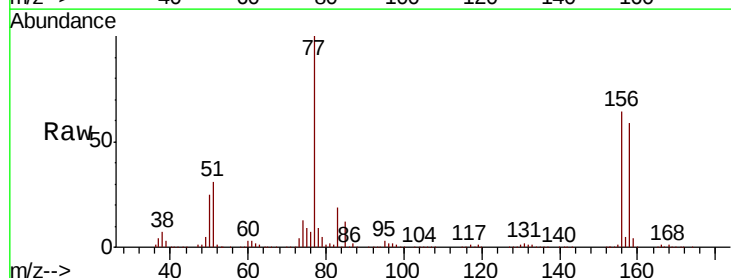
Manual Integrations
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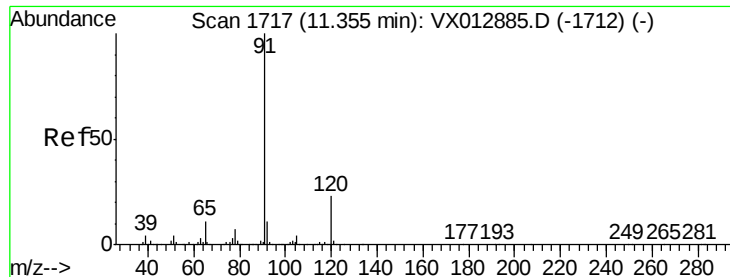
MMDadoda
 10/9/2019 10:36:45 AM



#77
 Bromobenzene
 Concen: 140.850 ug/l
 RT: 11.25 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 156 Resp: 350691
 Ion Ratio Lower Upper
 156 100
 77 167.2 83.7 251.0
 158 97.1 48.6 145.9





#78

n-propylbenzene

Concen: 138.232 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 1696951

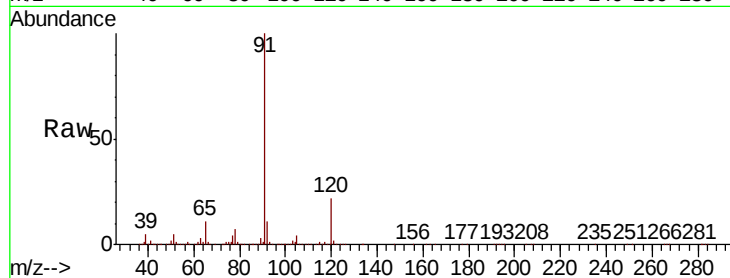
Ion Ratio Lower Upper

91 100

120 23.1 11.7 35.1

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

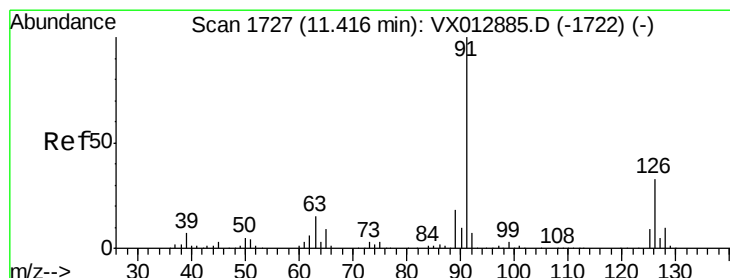
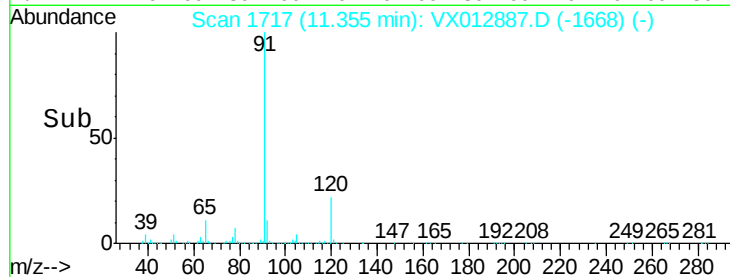
1500000

1000000

500000

0

Time-->



#79

2-Chlorotoluene

Concen: 133.874 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX012887.D

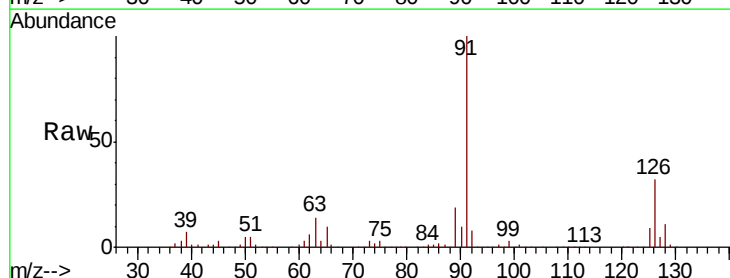
Acq: 08 Oct 2019 13:00

Tgt Ion: 91 Resp: 1027536

Ion Ratio Lower Upper

91 100

126 32.2 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.42

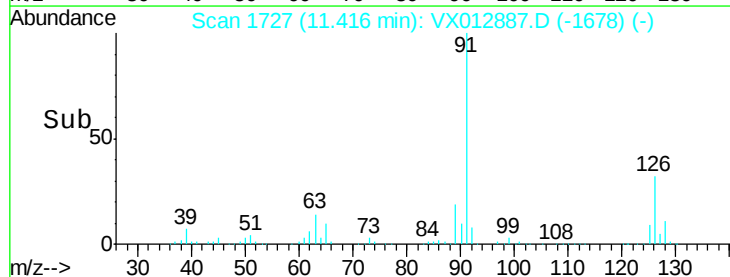
1500000

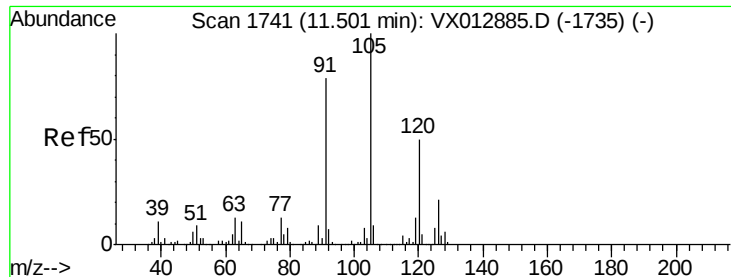
1000000

500000

0

Time-->





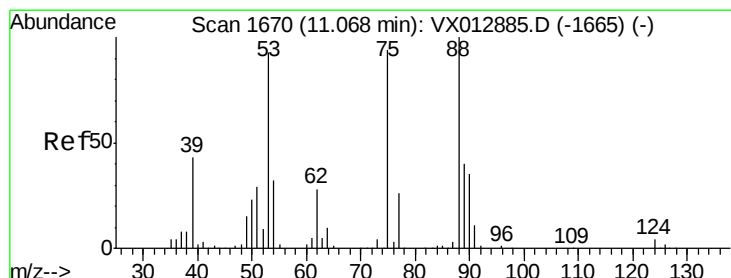
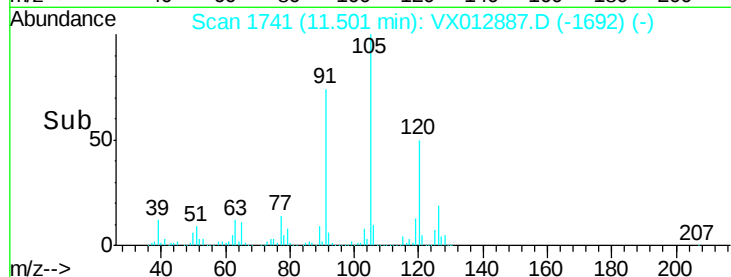
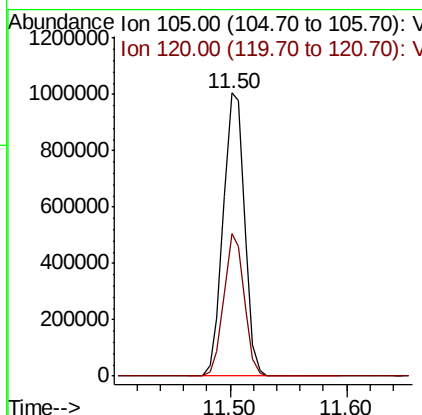
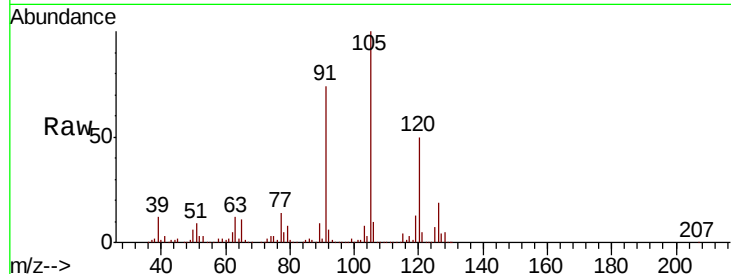
#80
 1,3,5-Trimethylbenzene
 Concen: 138.504 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 1272279
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.8 74.3

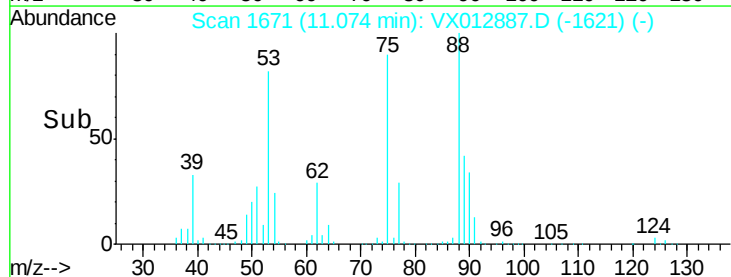
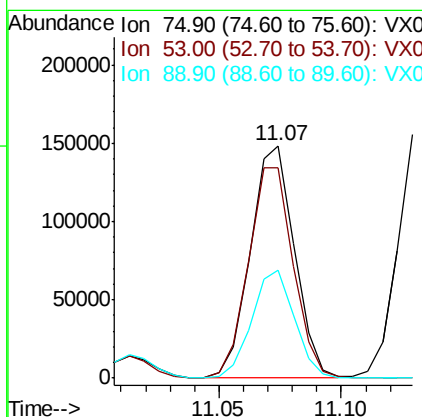
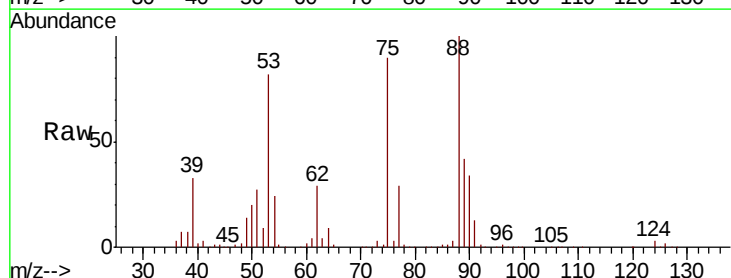
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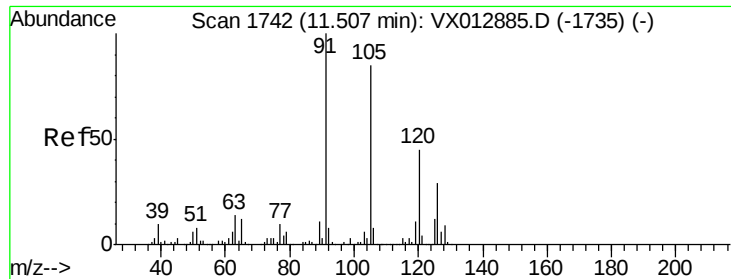
MMDadoda
 10/9/2019 10:36:45 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 151.032 ug/l
 RT: 11.07 min Scan# 1671
 Delta R.T. 0.01 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion: 75 Resp: 184501
 Ion Ratio Lower Upper
 75 100
 53 92.7 78.5 117.7
 89 45.3 37.4 56.2





#82

4-Chlorotoluene

Concen: 134.404 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tot Ion: 91 Resp: 1176797

Ion Ratio Lower Upper

91 100

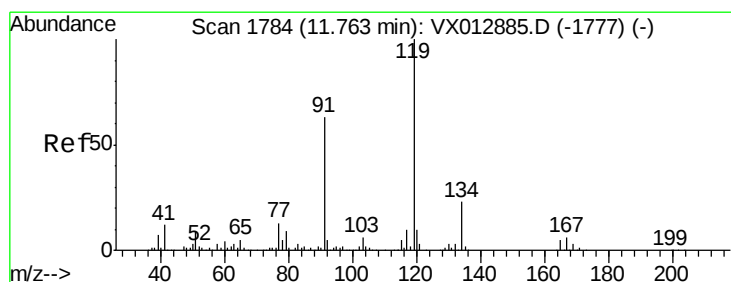
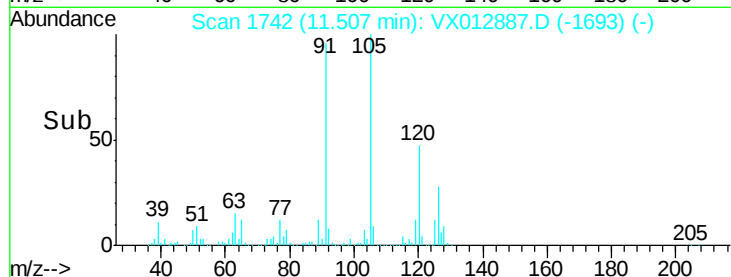
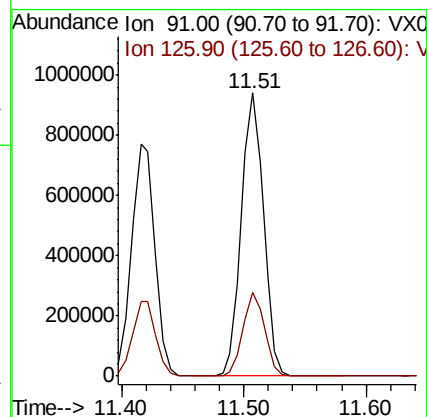
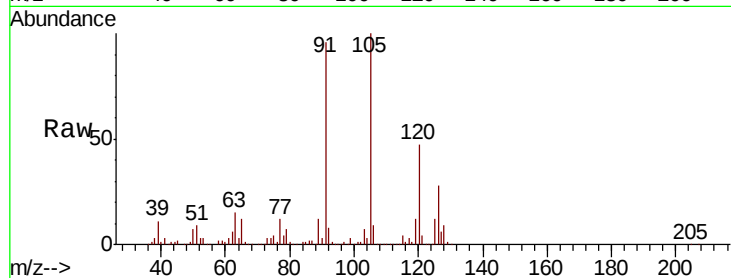
126 28.7 14.2 42.6

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#83

tert-Butylbenzene

Concen: 139.787 ug/l

RT: 11.77 min Scan# 1785

Delta R.T. 0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

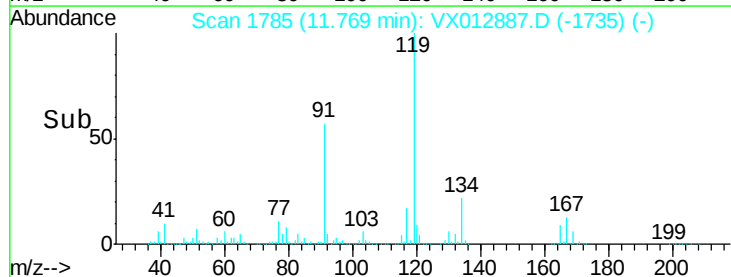
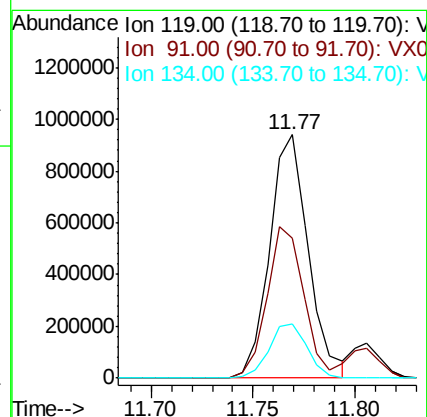
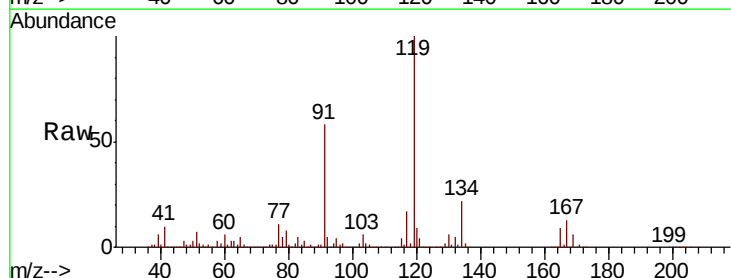
Tgt Ion: 119 Resp: 1243763

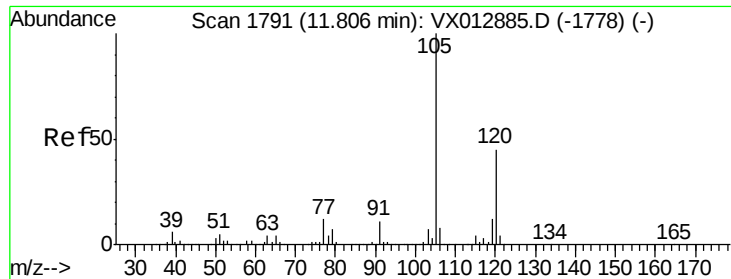
Ion Ratio Lower Upper

119 100

91 59.2 29.3 87.9

134 22.1 11.5 34.4





#84

1,2,4-Trimethylbenzene

Concen: 141.059 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 1309806

Ion Ratio Lower Upper

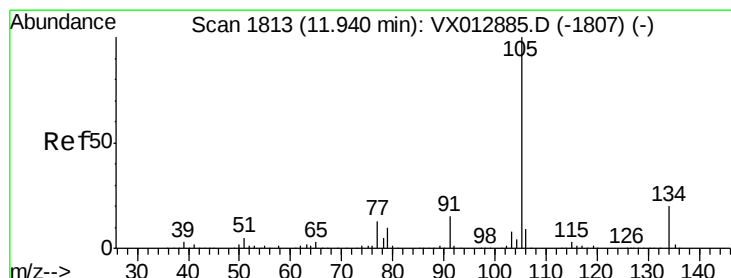
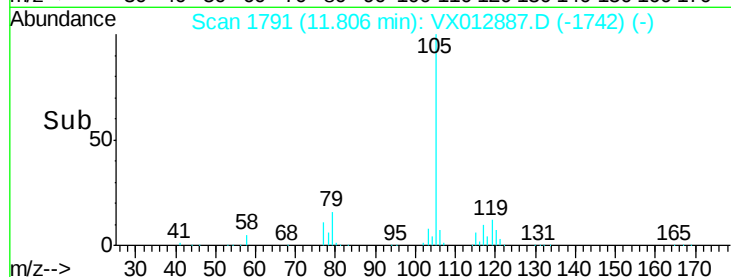
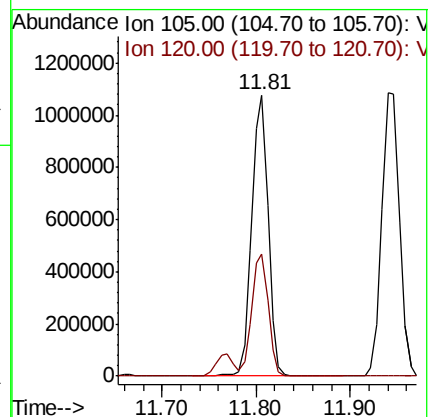
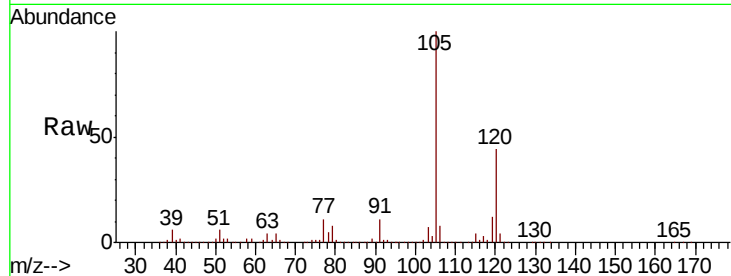
105 100

120 43.7 21.8 65.3

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#85

sec-Butylbenzene

Concen: 136.907 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012887.D

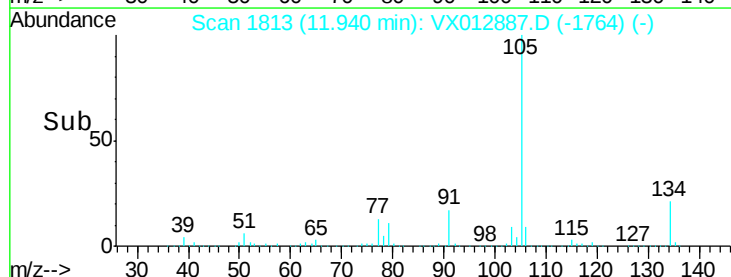
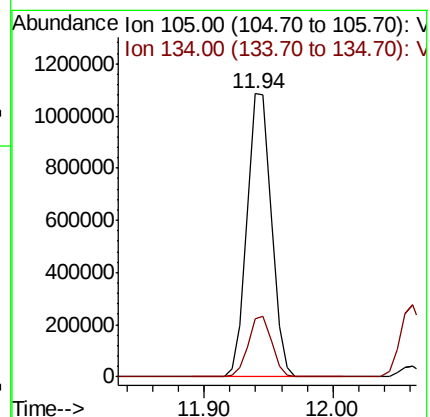
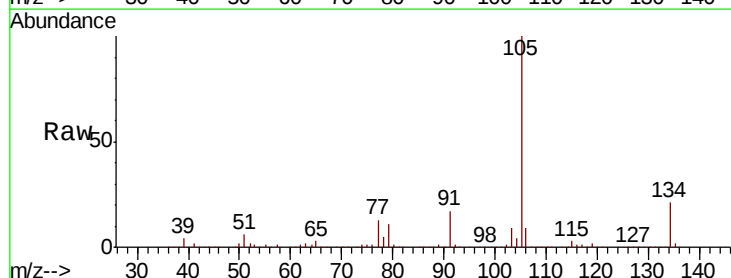
Acq: 08 Oct 2019 13:00

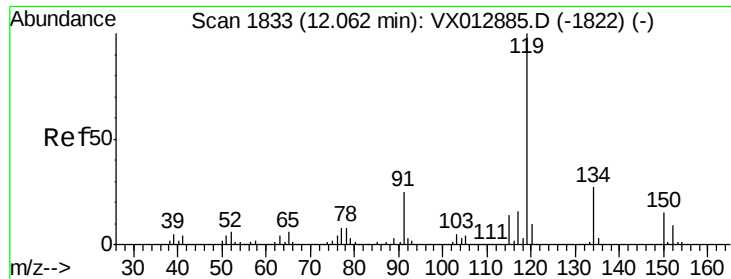
Tgt Ion:105 Resp: 1415873

Ion Ratio Lower Upper

105 100

134 20.6 10.0 30.0





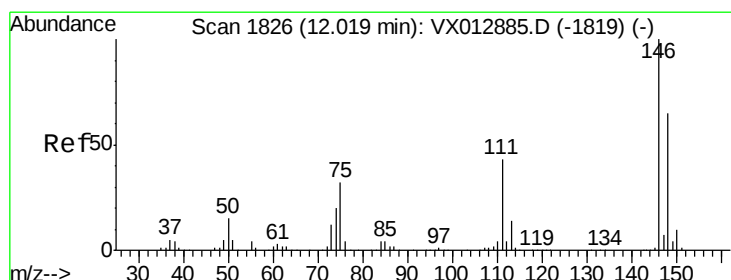
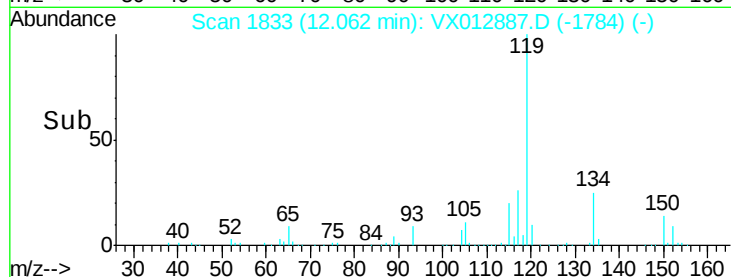
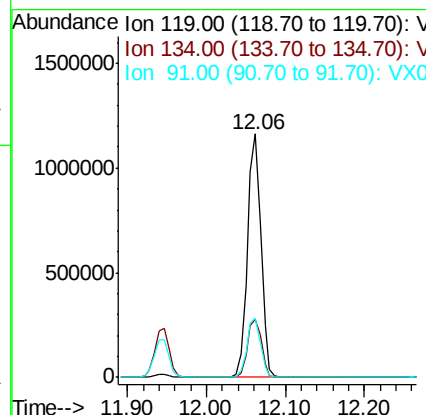
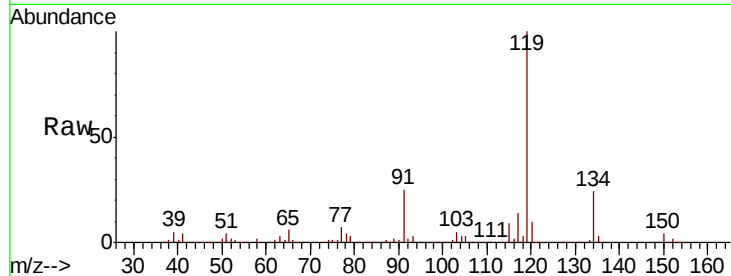
#86
p-Isopropyltoluene
Concen: 147.485 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
134	24.9	12.6	37.8
91	24.7	12.4	37.4

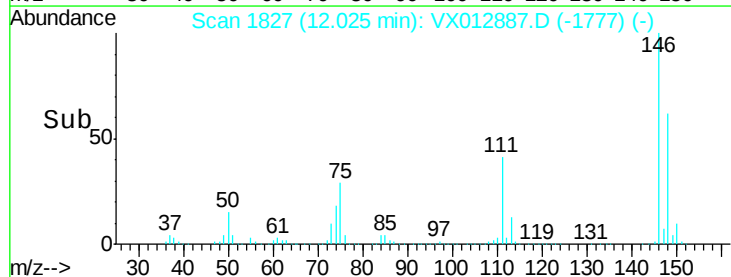
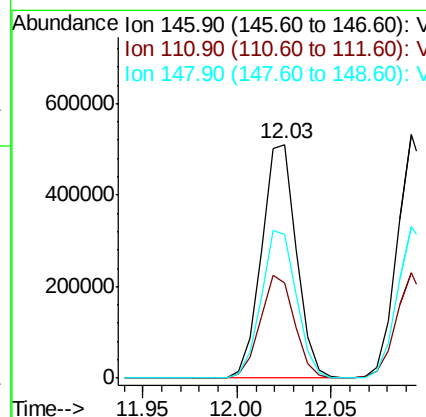
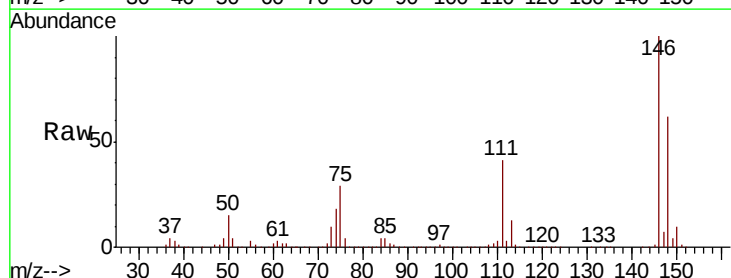
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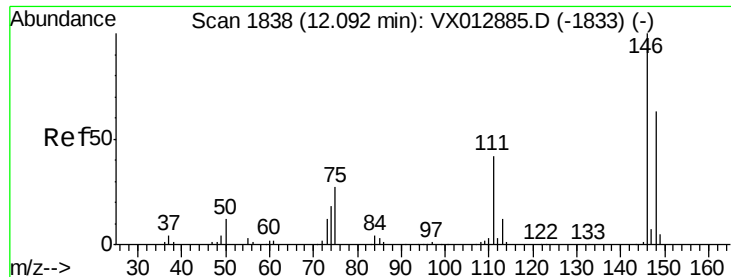
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 145.378 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.4
148	63.5	31.6	95.0





#88

1,4-Dichlorobenzene

Concen: 144.524 ug/l

RT: 12.09 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

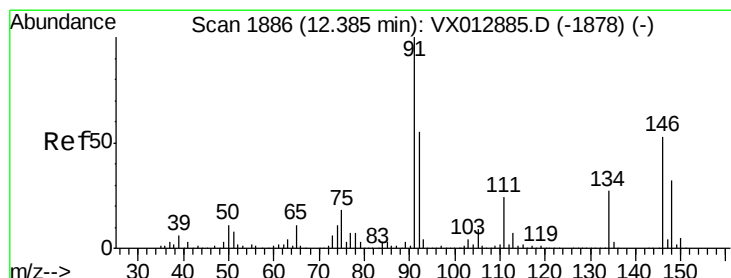
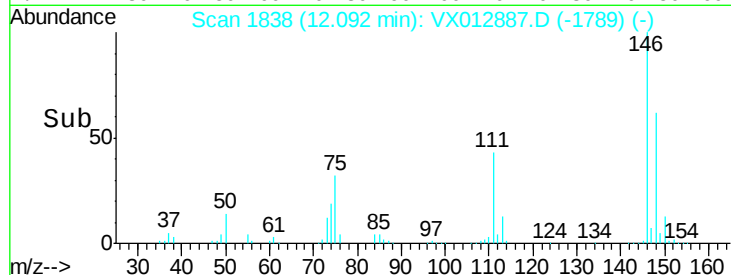
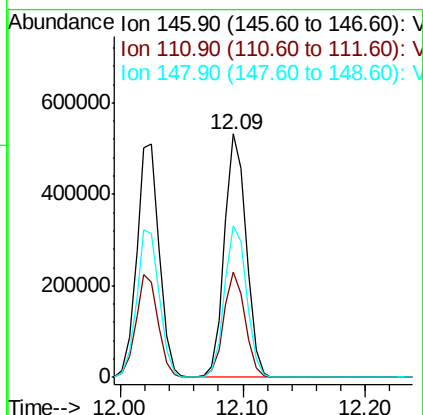
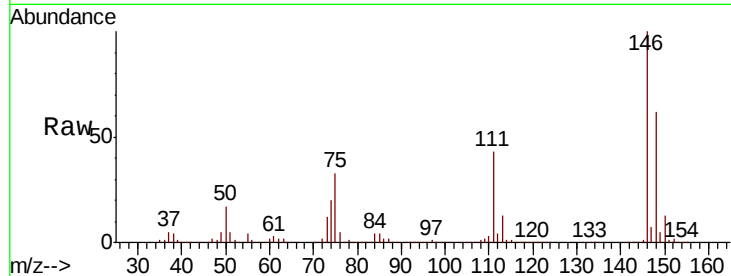
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	654267
Ion Ratio	Lower	Upper	
146	100		
111	42.4	21.4	64.3
148	63.2	32.1	96.5

Manual Integrations
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#89

n-Butylbenzene

Concen: 140.972 ug/l

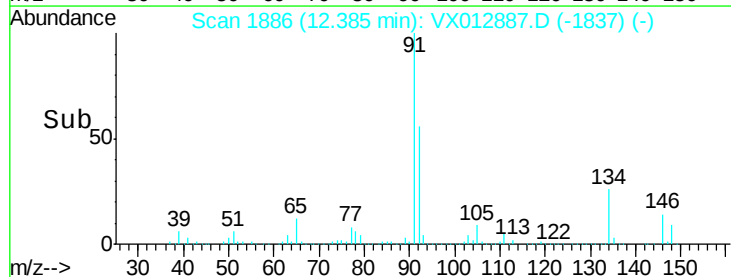
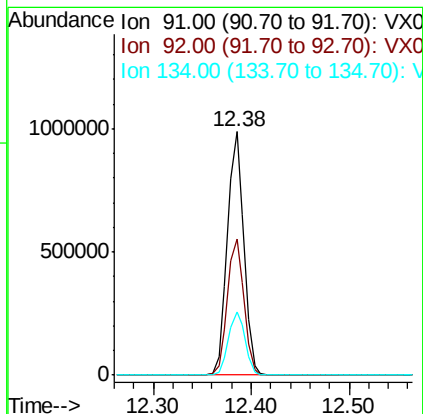
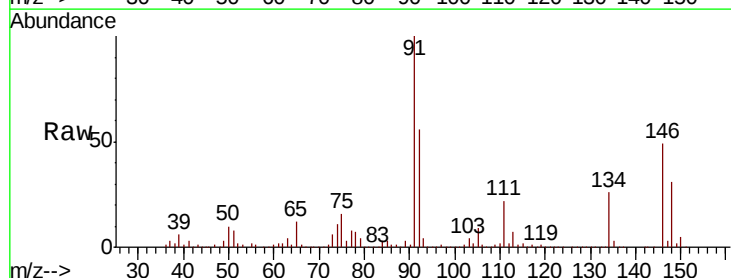
RT: 12.38 min Scan# 1886

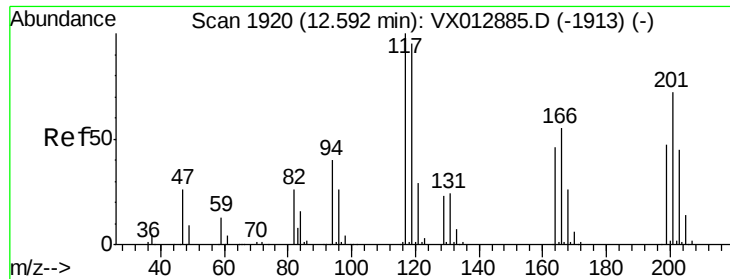
Delta R.T. -0.00 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Tgt Ion:	91	Resp:	1153301
Ion Ratio	Lower	Upper	
91	100		
92	56.3	27.5	82.5
134	26.3	12.9	38.7





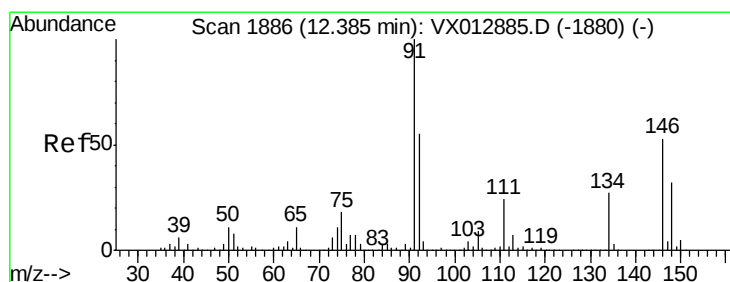
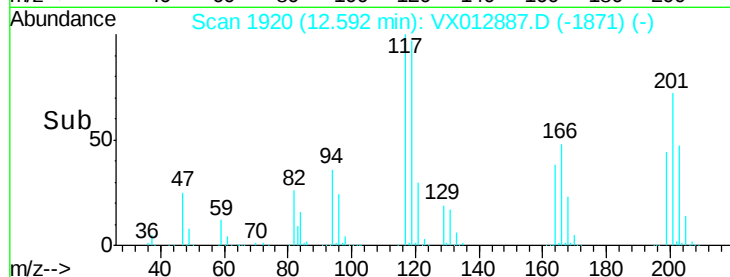
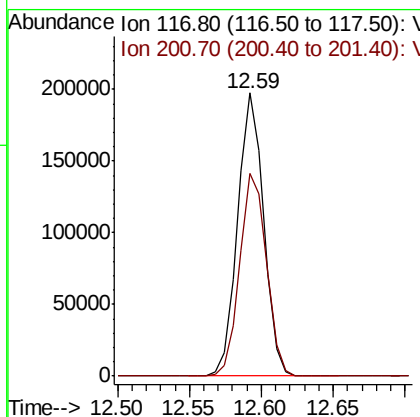
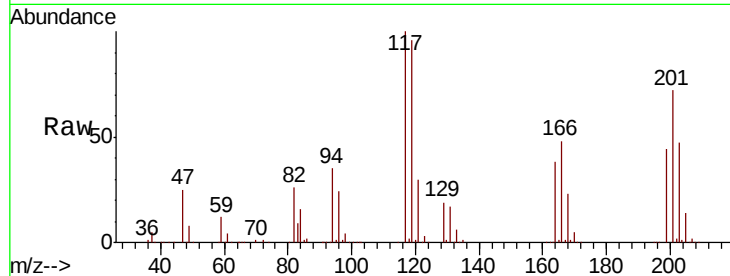
#90
Hexachloroethane
Concen: 150.381 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
117	100	248509		
201	73.2	36.9	110.7	

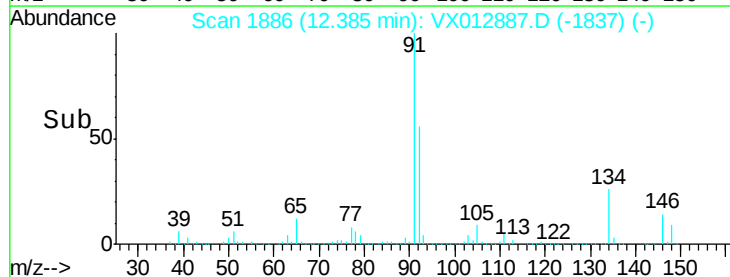
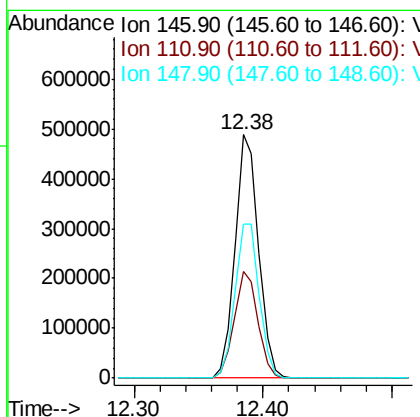
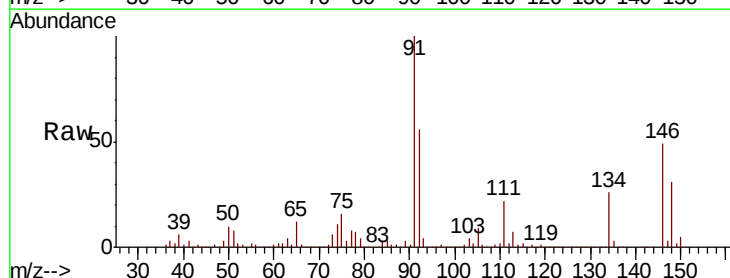
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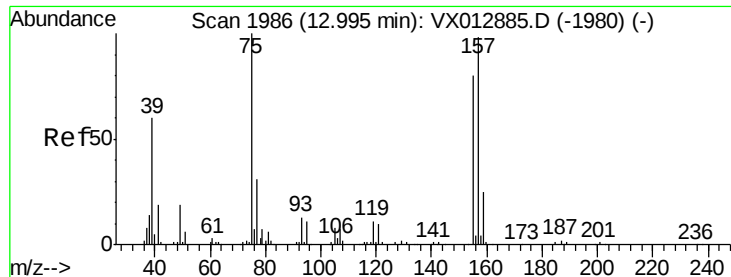
MMDadoda
10/9/2019 10:36:45 AM



#91
1,2-Dichlorobenzene
Concen: 137.962 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012887.D
Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	618454		
111	44.2	22.7	68.0	
148	65.5	31.6	94.7	





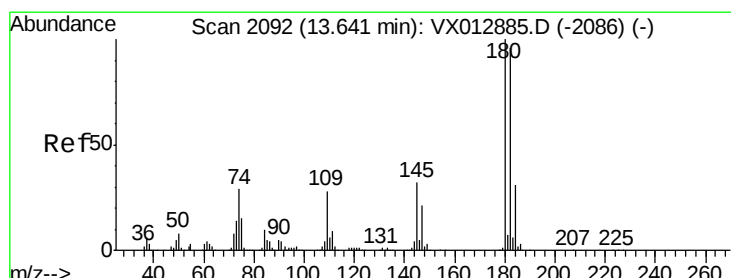
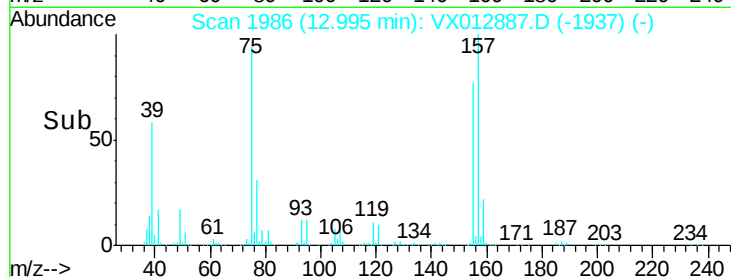
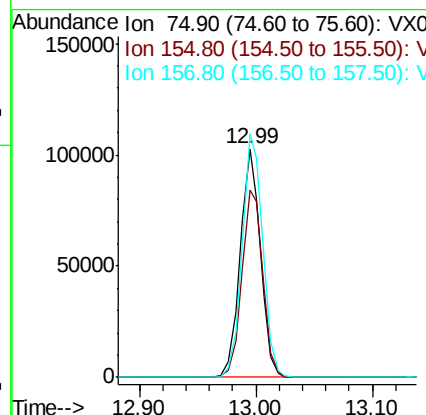
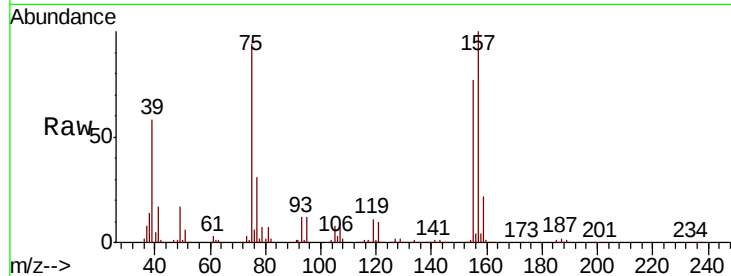
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 138.651 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.3	43.0	128.8
157	107.9	54.1	162.3

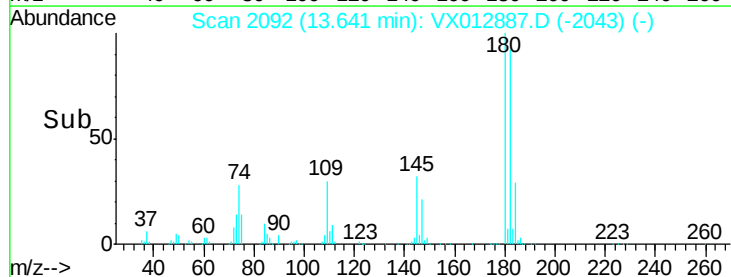
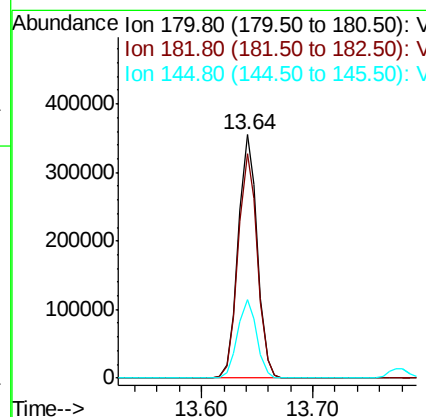
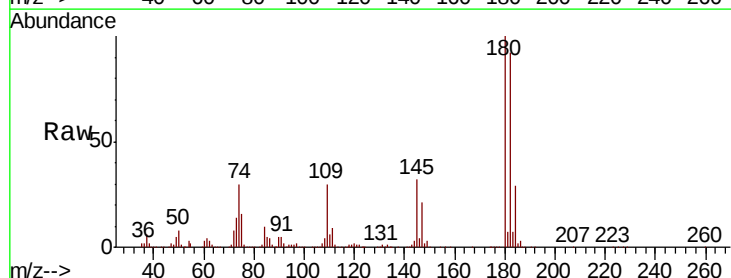
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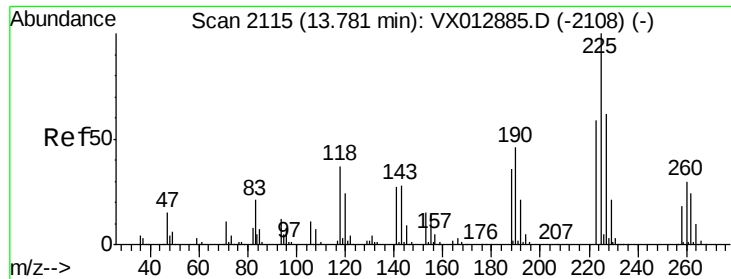
MMDadoda
 10/9/2019 10:36:45 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 152.610 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	46.8	140.4
145	32.6	16.2	48.6





#94

Hexachlorobutadiene

Concen: 154.913 ug/l

RT: 13.77 min Scan# 2114

Delta R.T. -0.01 min

Lab File: VX012887.D

Acq: 08 Oct 2019 13:00

Instrument :

MSVOA_X

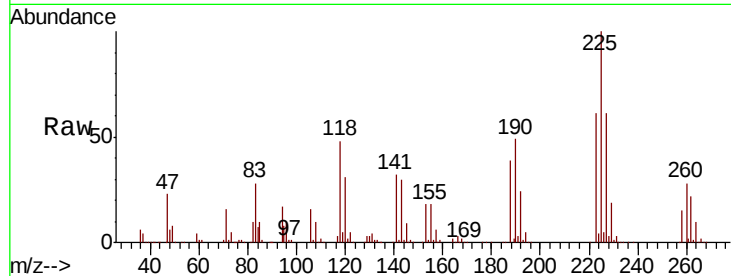
ClientSampleId :

VSTDIC150

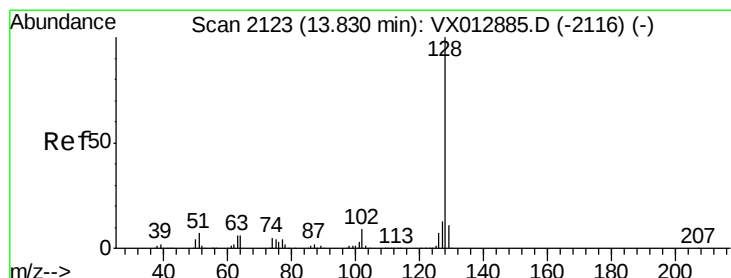
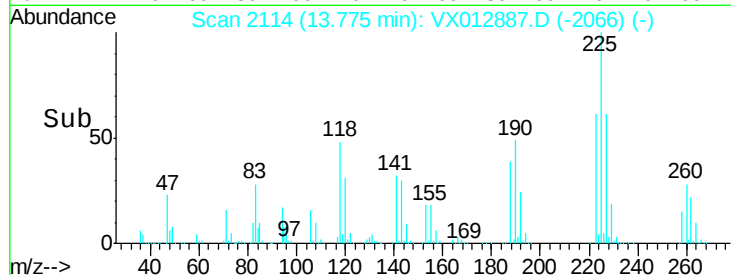
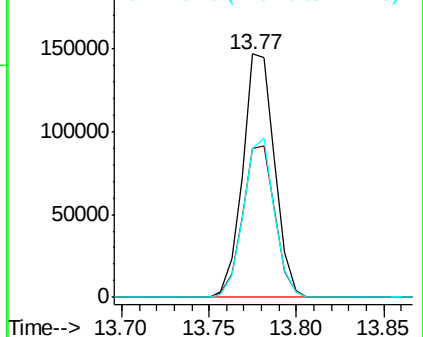
Tot Ion:	225	Resp:	185127
Ion Ratio		Lower	Upper
225	100		
223	63.3	31.1	93.2
227	63.5	32.3	96.9

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:36:45 AM



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 146.050 ug/l

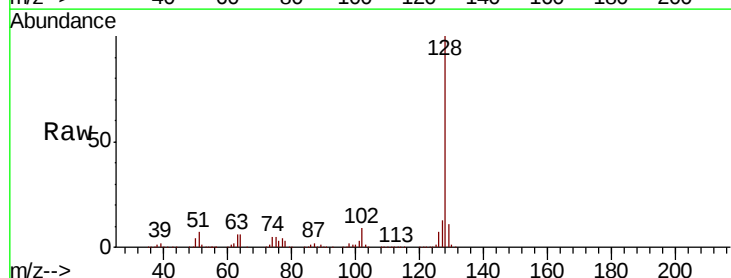
RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

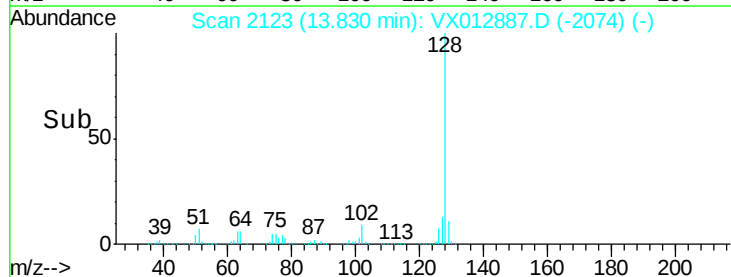
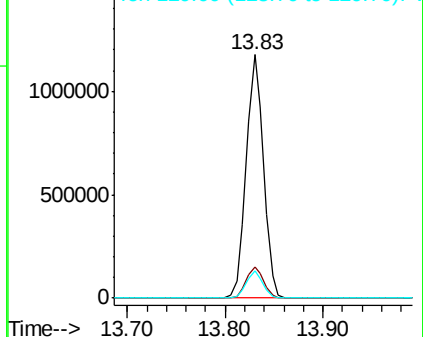
Lab File: VX012887.D

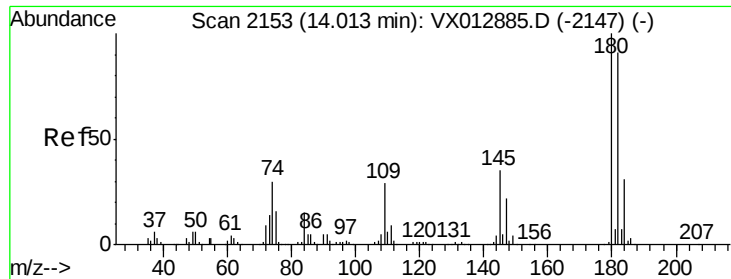
Acq: 08 Oct 2019 13:00

Tgt Ion:	128	Resp:	1440213
Ion Ratio		Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.9	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 150.056 ug/l
 RT: 14.01 min Scan# 2153
 Delta R.T. -0.00 min
 Lab File: VX012887.D
 Acq: 08 Oct 2019 13:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.8	47.5	142.5
145	35.1	17.4	52.3

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:45 AM

