

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030920\
 Data File : VX015133.D
 Acq On : 09 Mar 2020 11:24
 Operator : JC/SP
 Sample : VX0309WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Manual Integrations
 APPROVED

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 3/11/2020 4:45:23 PM

Quant Time: Mar 09 14:18:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	372499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	566869	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	517265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	268809	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	214087	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
35) Dibromofluoromethane	5.48	113	174244	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	
50) Toluene-d8	8.71	98	668514	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	237039	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	65789	20.169	ug/l	99
3) Chloromethane	1.31	50	87624	18.964	ug/l	99
4) Vinyl Chloride	1.40	62	87898	18.761	ug/l	97
5) Bromomethane	1.64	94	58336	20.253	ug/l	99
6) Chloroethane	1.72	64	56287	20.027	ug/l	100
7) Trichlorofluoromethane	1.92	101	110357	19.796	ug/l	98
8) Diethyl Ether	2.18	74	49413	19.569	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	69119	19.706	ug/l	98
10) Methyl Iodide	2.50	142	63166	15.940	ug/l	98
11) Tert butyl alcohol	3.03	59	74502	97.168	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68762	18.996	ug/l	95
13) Acrolein	2.28	56	45775	63.528	ug/l	100
14) Allyl chloride	2.72	41	128073	20.291	ug/l	95
15) Acrylonitrile	3.13	53	198202	103.799	ug/l	97
16) Acetone	2.44	43	168347	94.064	ug/l	98
17) Carbon Disulfide	2.56	76	186320	18.534	ug/l	100
18) Methyl Acetate	2.76	43	86471	19.760	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	224187	19.819	ug/l	97
20) Methylene Chloride	2.84	84	77819	18.580	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	74133	19.180	ug/l	97
22) Diisopropyl ether	3.84	45	273384	21.740	ug/l	93
23) Vinyl Acetate	3.80	43	1122743	108.615	ug/l	99
24) 1,1-Dichloroethane	3.69	63	141727	20.307	ug/l	98
25) 2-Butanone	4.65	43	270317	103.170	ug/l	100
26) 2,2-Dichloropropane	4.57	77	114833	20.726	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	87584	20.198	ug/l	99
28) Bromochloromethane	5.00	49	65240	20.528	ug/l	99
29) Tetrahydrofuran	5.11	42	166808	98.764	ug/l	99
30) Chloroform	5.20	83	138882	20.416	ug/l	94
31) Cyclohexane	5.57	56	125553	20.168	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	117729	20.878	ug/l	98
36) 1,1-Dichloropropene	5.79	75	106653	20.352	ug/l	99
37) Ethyl Acetate	4.82	43	108127	22.243	ug/l	98
38) Carbon Tetrachloride	5.78	117	99494	20.114	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	127672	20.864	ug/l	99
40) Benzene	6.13	78	317832	20.442	ug/l	98
41) Methacrylonitrile	5.02	41	59624	20.420	ug/l	98
42) 1,2-Dichloroethane	6.18	62	114106	21.371	ug/l	98
43) Isopropyl Acetate	6.43	43	175609	20.535	ug/l	99
44) Trichloroethene	7.20	130	86734	20.031	ug/l	96
45) 1,2-Dichloropropane	7.51	63	82243	20.436	ug/l	99
46) Dibromomethane	7.65	93	52756	20.119	ug/l	99
47) Bromodichloromethane	7.89	83	107266	20.686	ug/l	99
48) Methyl methacrylate	7.76	41	85518	19.648	ug/l	99
49) 1,4-Dioxane	7.75	88	36730	390.309	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	534157	105.644	ug/l	99
52) Toluene	8.78	92	198729	20.905	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	116504	21.108	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	129772	20.798	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	78937	20.174	ug/l	98
56) Ethyl methacrylate	9.17	69	116801	20.928	ug/l	98
57) 1,3-Dichloropropane	9.36	76	137780	20.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	302397	99.458	ug/l	99
59) 2-Hexanone	9.48	43	399537	106.612	ug/l	99
60) Dibromochloromethane	9.57	129	84828	20.638	ug/l	100
61) 1,2-Dibromoethane	9.67	107	82486	20.070	ug/l	99
64) Tetrachloroethene	9.33	164	85913	20.088	ug/l	97
65) Chlorobenzene	10.13	112	214476	20.653	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	81300	20.762	ug/l	98
67) Ethyl Benzene	10.25	91	370906	21.033	ug/l	100
68) m/p-Xylenes	10.35	106	281539	41.962	ug/l	98
69) o-Xylene	10.70	106	133393	20.766	ug/l	98
70) Styrene	10.71	104	229720	20.857	ug/l	99
71) Bromoform	10.85	173	61510	20.256	ug/l	99
73) Isopropylbenzene	11.01	105	366562	21.347	ug/l	100
74) N-amyl acetate	10.89	43	145587	20.118	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	116088	20.285	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	96462m	17.990	ug/l	
77) Bromobenzene	11.25	156	97674	20.410	ug/l	98
78) n-propylbenzene	11.35	91	425406	21.684	ug/l	99
79) 2-Chlorotoluene	11.42	91	249819	21.323	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	305605	21.379	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	36825	19.491	ug/l	96
82) 4-Chlorotoluene	11.51	91	285290	20.611	ug/l	100
83) tert-Butylbenzene	11.76	119	291617	21.098	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	310541	21.625	ug/l	100
85) sec-Butylbenzene	11.94	105	359478	21.544	ug/l	99
86) p-Isopropyltoluene	12.06	119	329547	21.437	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	171390	20.373	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	172225	19.829	ug/l	100
89) n-Butylbenzene	12.39	91	289872	21.201	ug/l	99
90) Hexachloroethane	12.59	117	58690	20.194	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	169932	20.317	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	22839	19.930	ug/l	96

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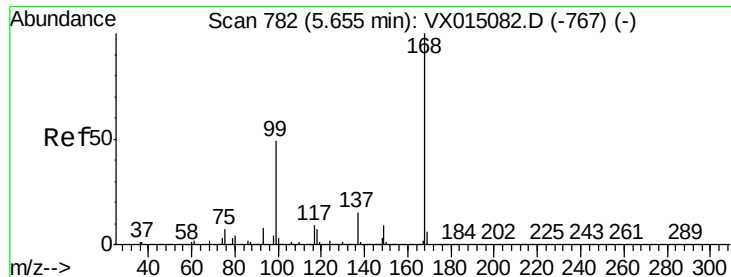
Manual Integrations
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3/11/2020 4:45:23 PM

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119743	20.625	ug/l	99
94) Hexachlorobutadiene	13.78	225	60698	20.374	ug/l	99
95) Naphthalene	13.83	128	327995	19.330	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	118761	20.502	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion:168 Resp: 372499

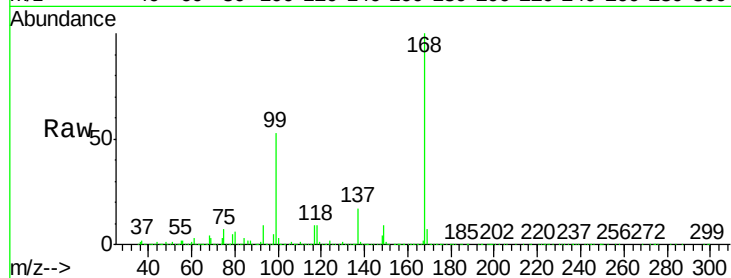
Ion Ratio Lower Upper

168 100

99 52.5 39.4 59.2

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

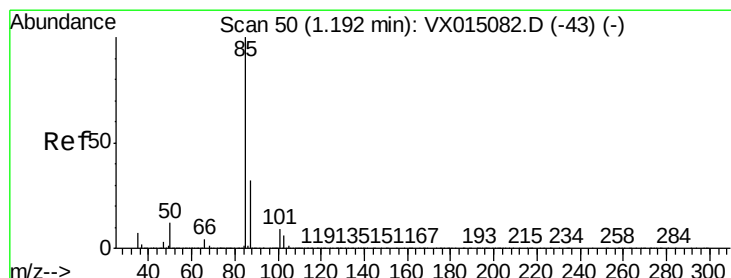
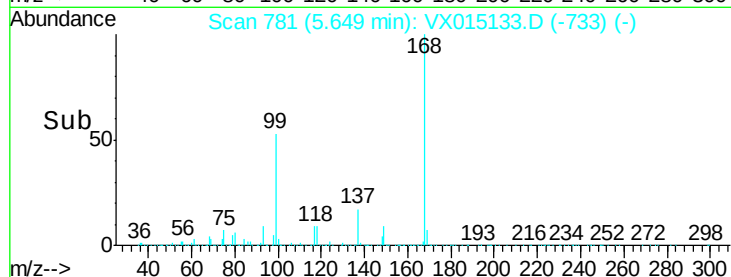
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100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.169 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015133.D

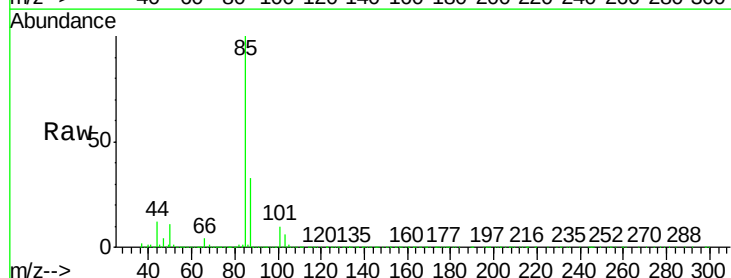
Acq: 09 Mar 2020 11:24

Tgt Ion: 85 Resp: 65789

Ion Ratio Lower Upper

85 100

87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

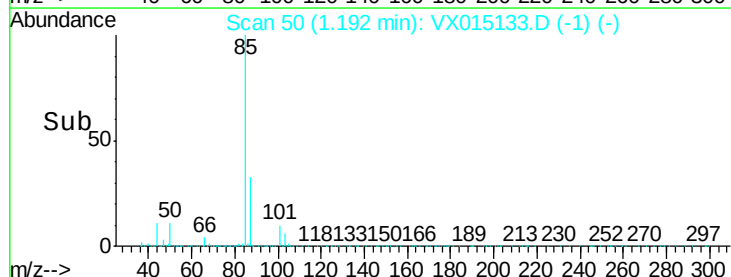
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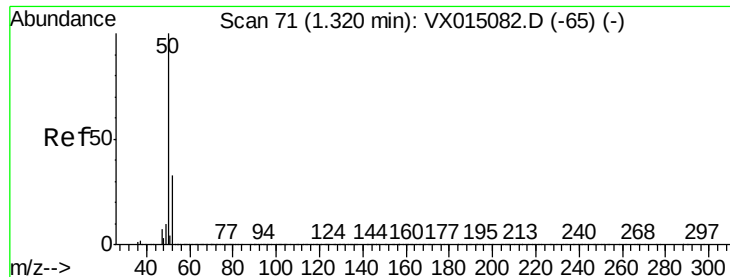
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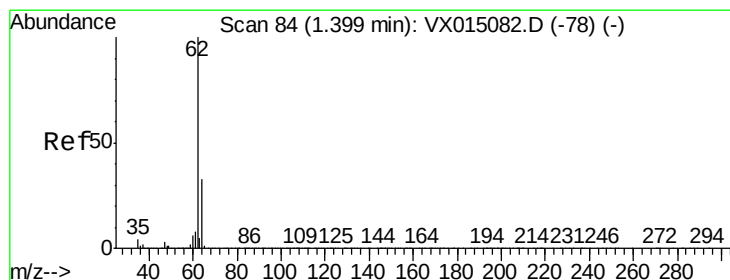
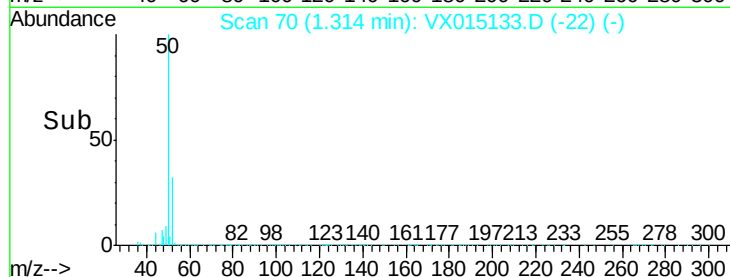
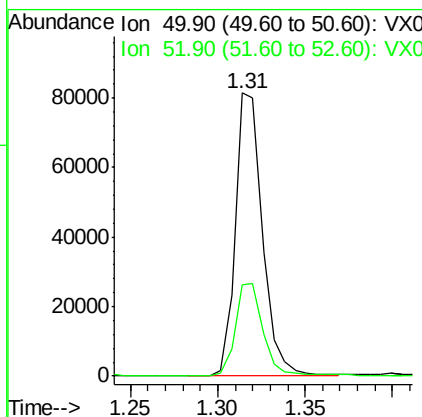
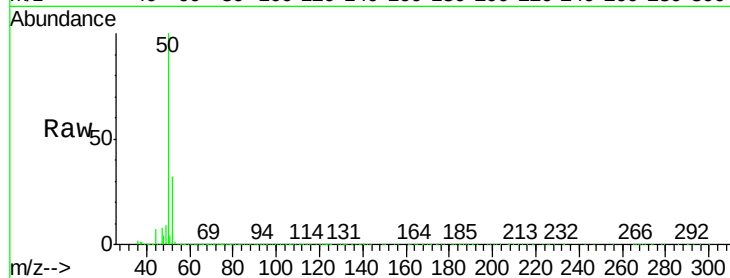
#3
Chloromethane
Concen: 18.964 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	50	Resp	87624
Ion Ratio	100	Lower	Upper
52	31.9	26.2	39.2

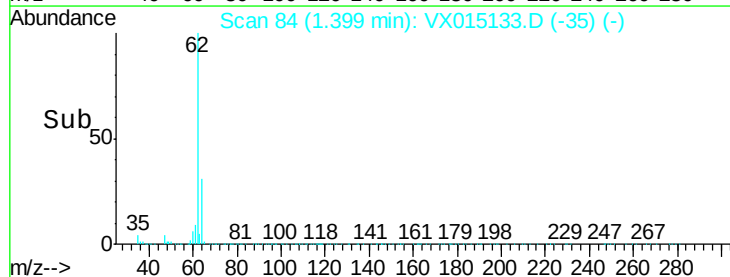
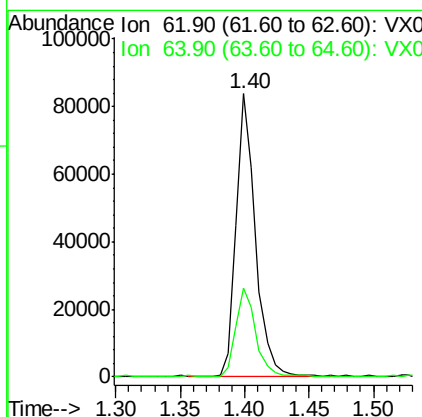
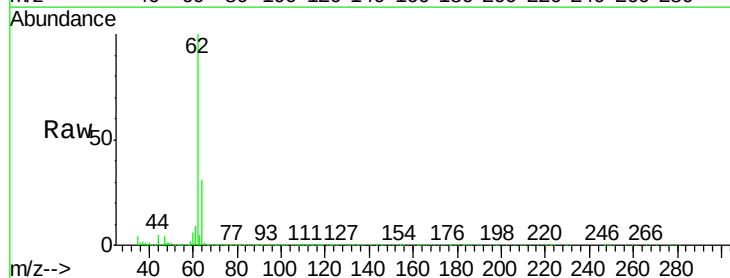
Manual Integrations
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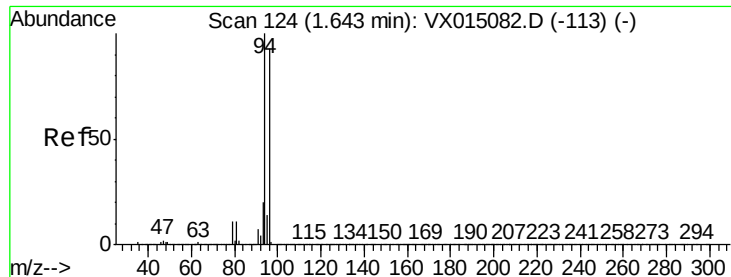
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#4
Vinyl Chloride
Concen: 18.761 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	62	Resp	87898
Ion Ratio	100	Lower	Upper
64	31.1	26.1	39.1





#5

Bromomethane

Concen: 20.253 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion: 94 Resp: 58336

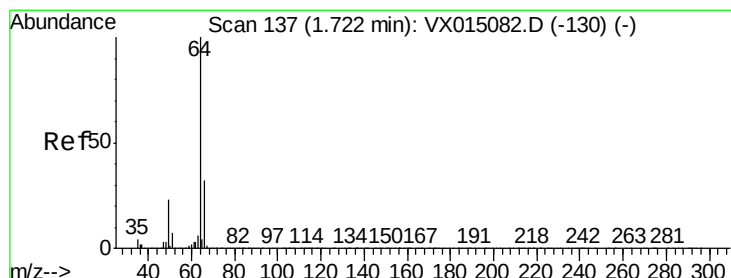
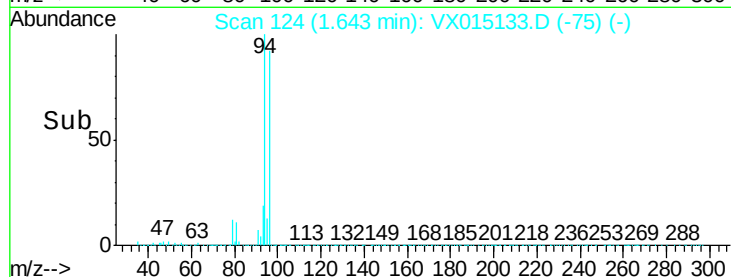
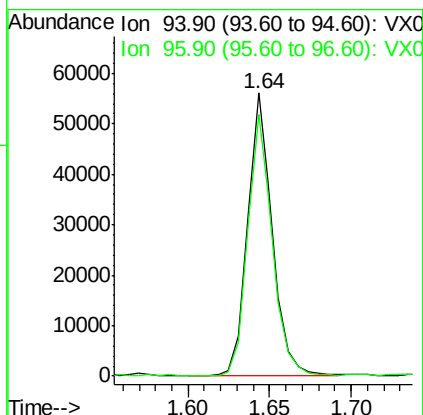
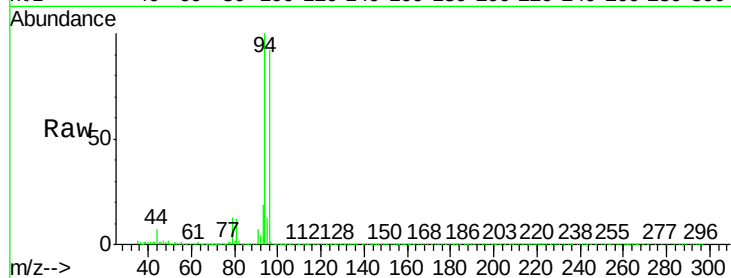
Ion Ratio Lower Upper

94 100

96 92.3 74.6 111.8

Manual Integrations
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#6

Chloroethane

Concen: 20.027 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015133.D

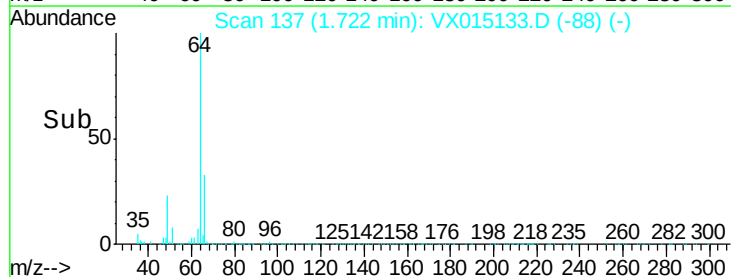
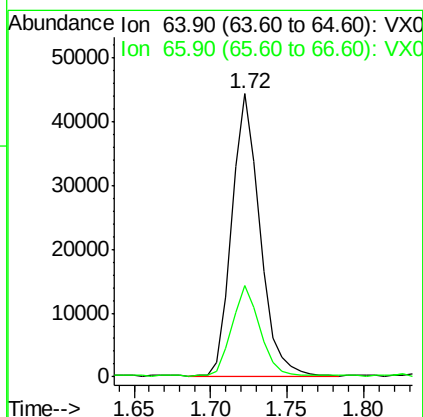
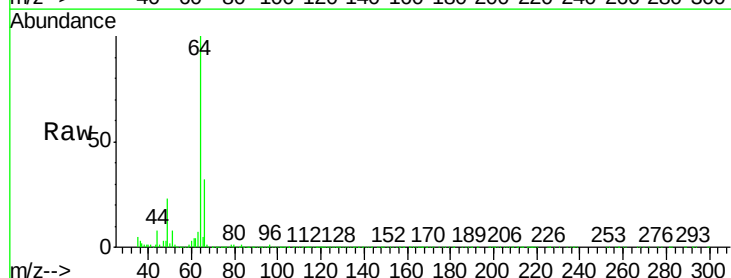
Acq: 09 Mar 2020 11:24

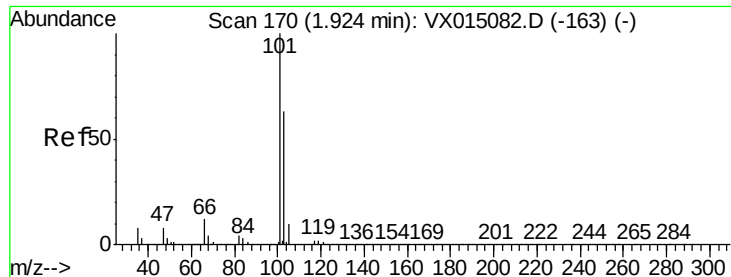
Tgt Ion: 64 Resp: 56287

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.8





#7

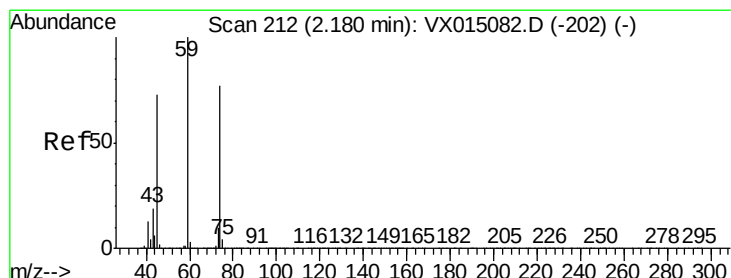
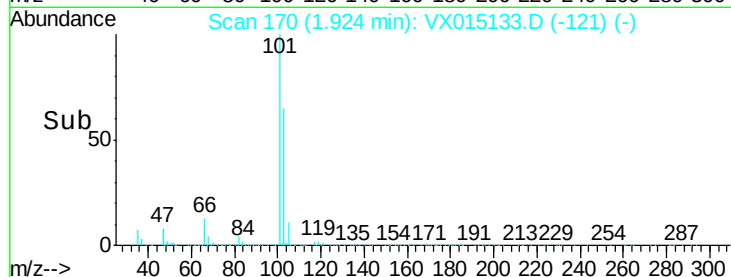
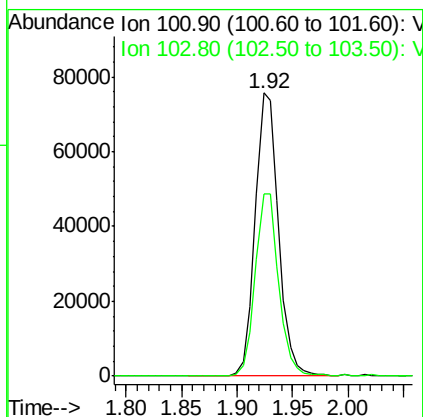
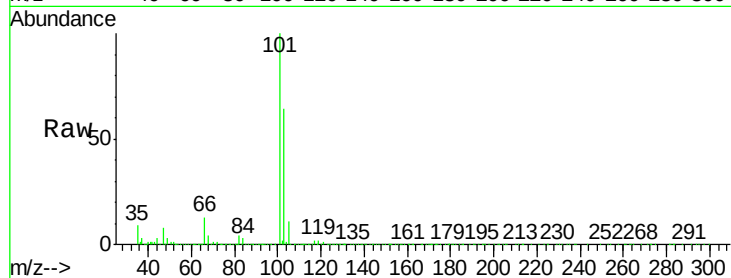
Trichlorofluoromethane
Concen: 19.796 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.4	75.6

Manual Integrations
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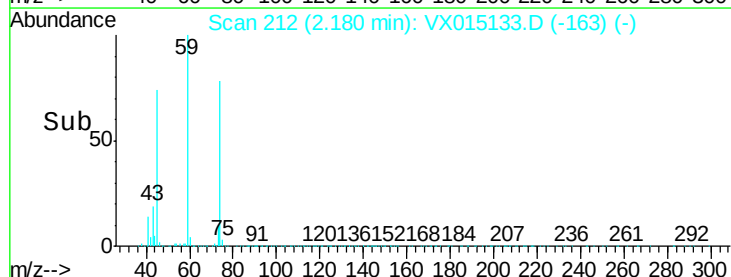
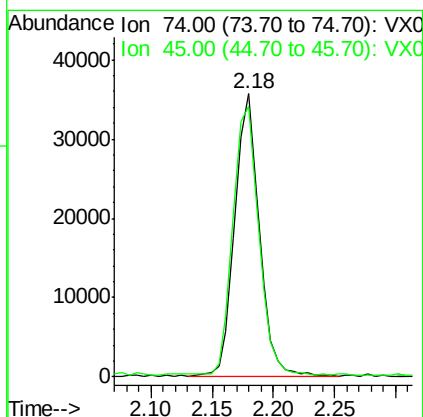
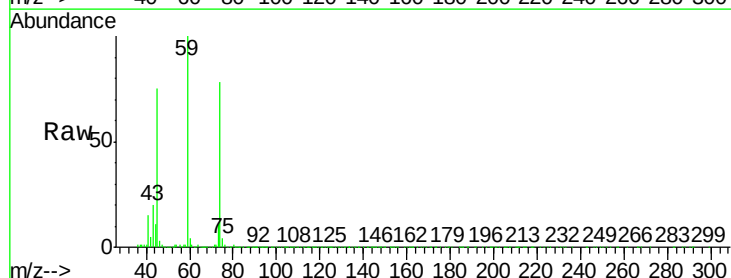
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3/11/2020 4:45:23 PM

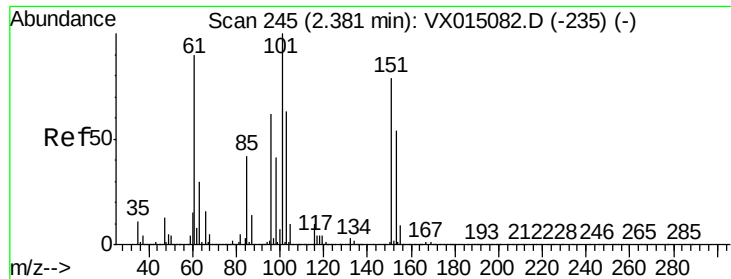


#8

Diethyl Ether
Concen: 19.569 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.9	49.2	147.6





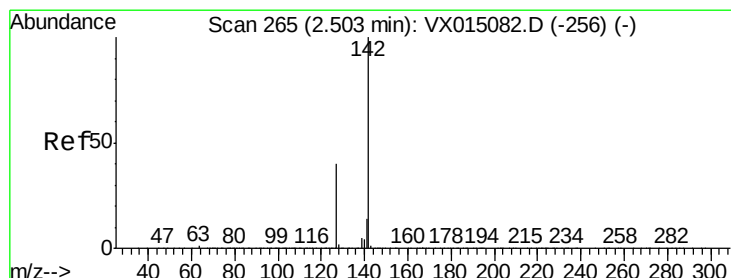
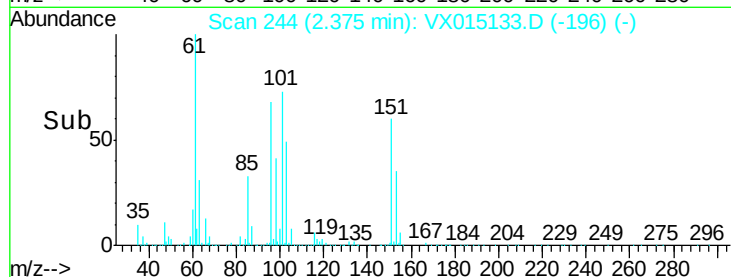
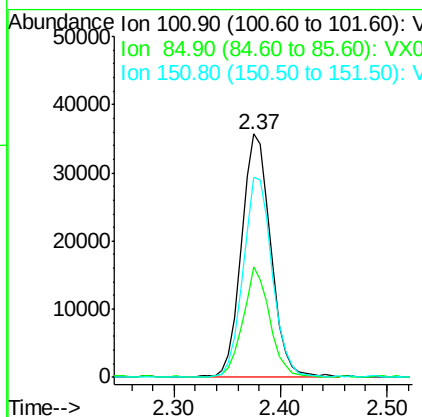
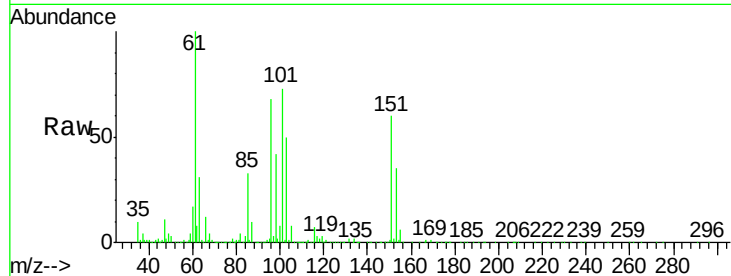
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.706 ug/l
RT: 2.37 min Scan# 244
Delta R.T. -0.01 min
Lab File: VX015133.D
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ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	69119		
85	41.2	33.7	50.5	
151	81.8	64.0	96.0	

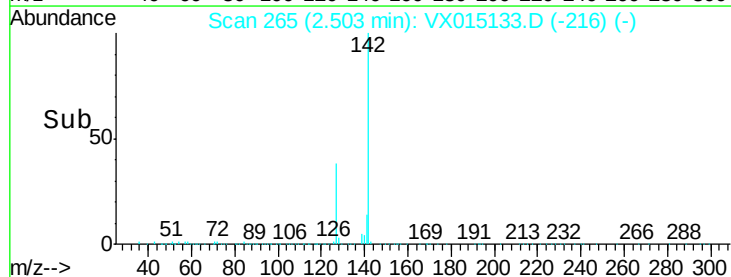
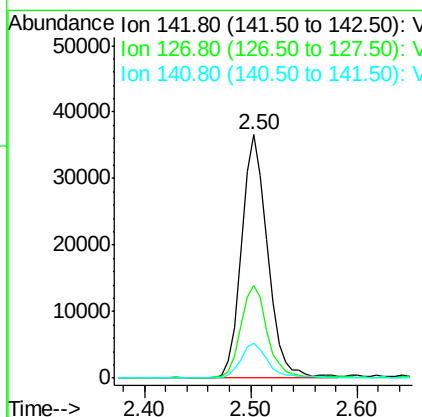
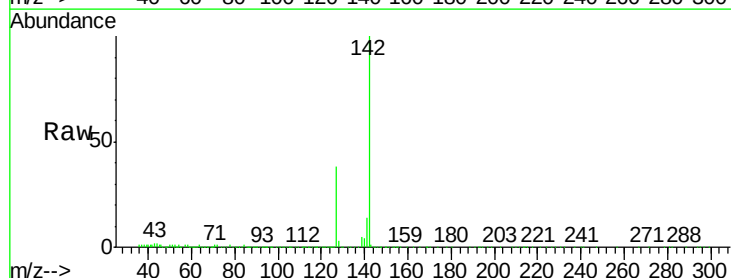
Manual Integrations
APPROVED

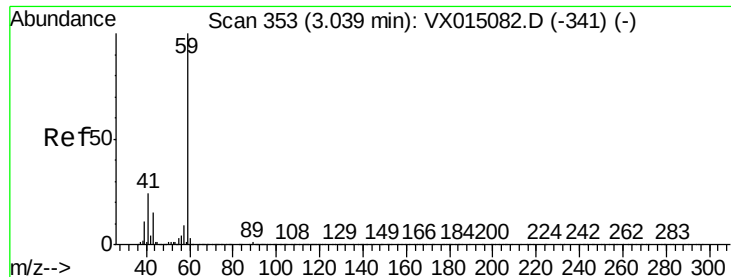
MMDadoda
3/11/2020 4:45:23 PM



#10
Methyl Iodide
Concen: 15.940 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	63166		
127	39.0	31.7	47.5	
141	15.3	11.3	16.9	





#11

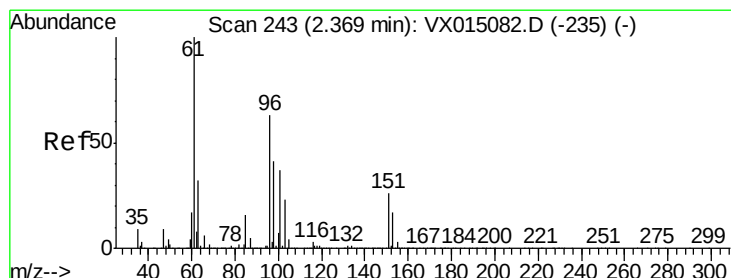
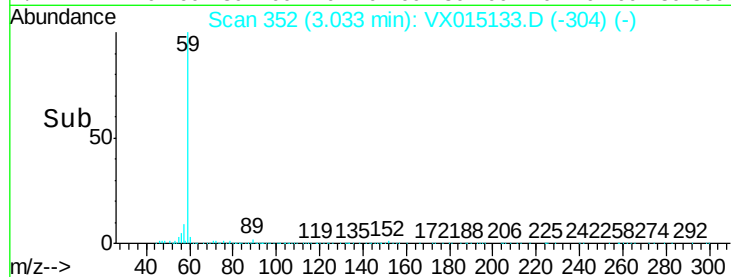
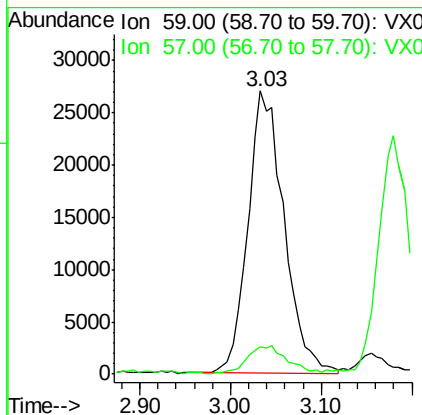
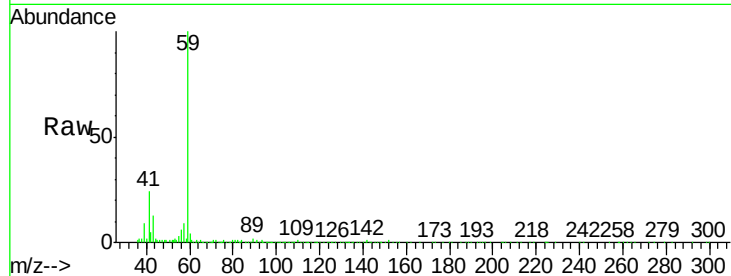
Tert butyl alcohol
Concen: 97.168 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

Manual Integrations
APPROVED

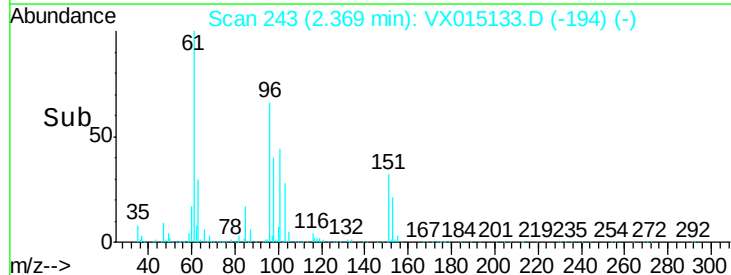
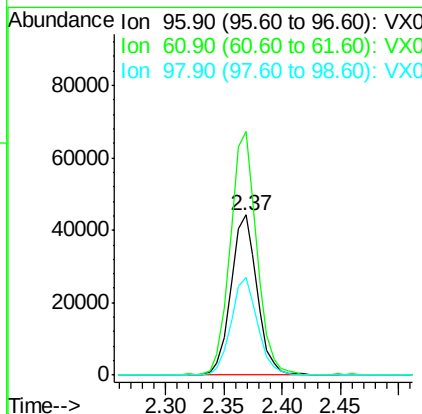
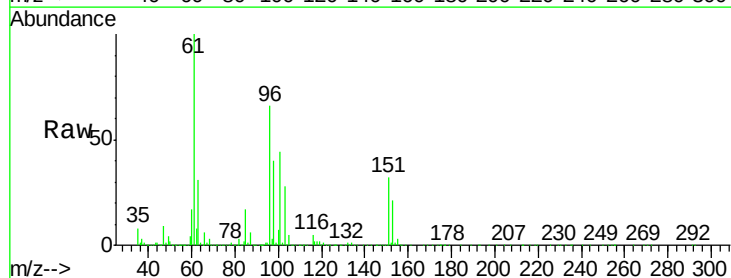
MMDadoda
3/11/2020 4:45:23 PM

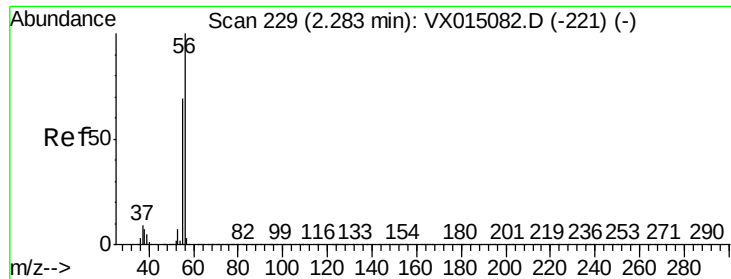


#12

1,1-Dichloroethene
Concen: 18.996 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.5	126.2	189.4
98	61.2	51.4	77.0





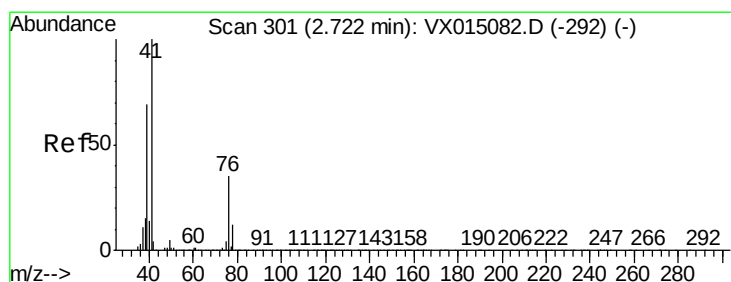
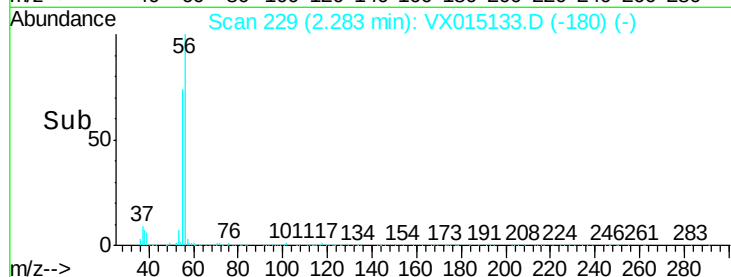
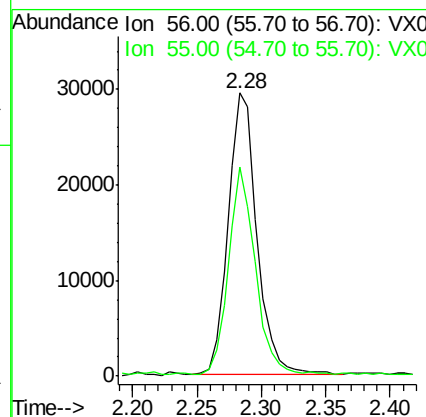
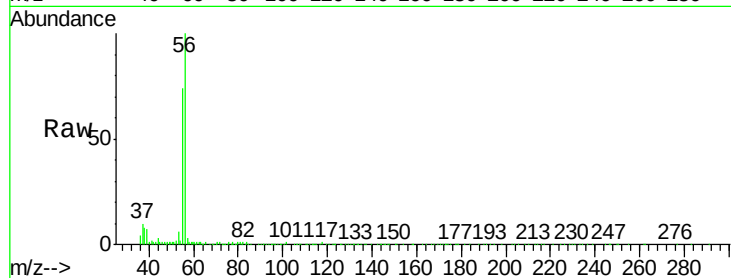
#13
Acrolein
Concen: 63.528 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.3	55.4	83.0

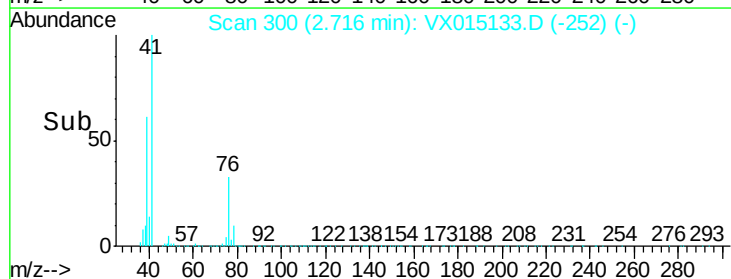
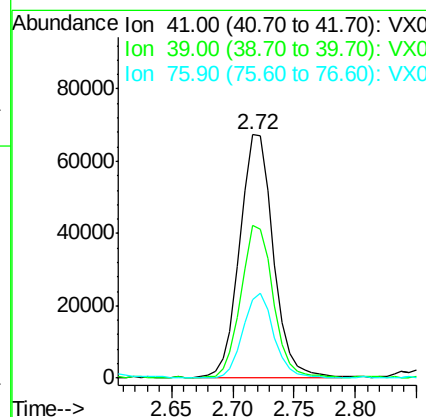
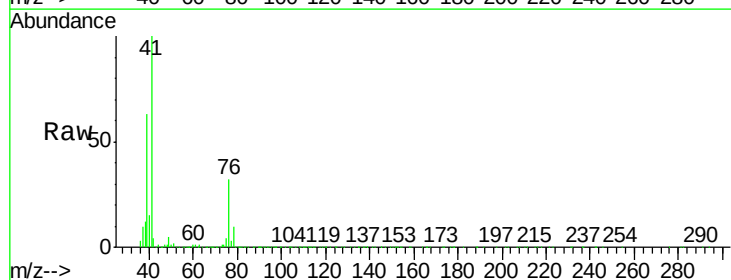
Manual Integrations
APPROVED

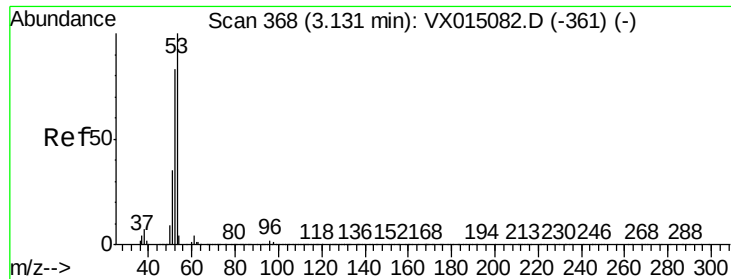
MMDadoda
3/11/2020 4:45:23 PM



#14
Allyl chloride
Concen: 20.291 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.9	52.9	79.3
76	31.6	26.8	40.2





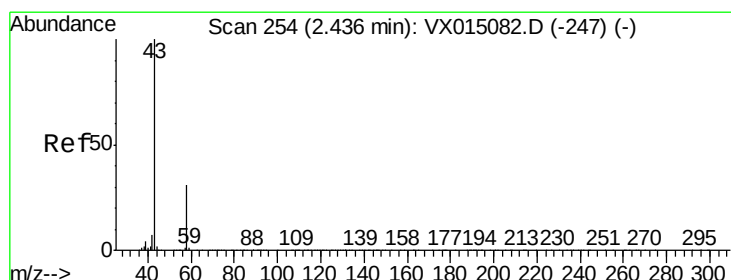
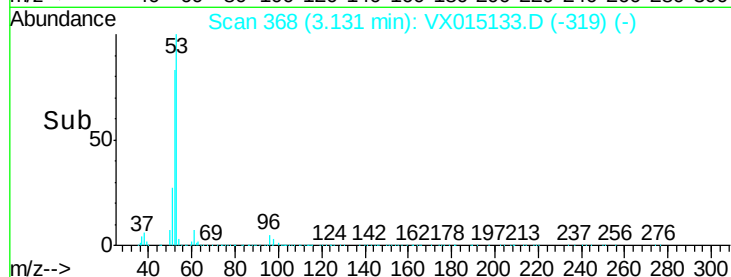
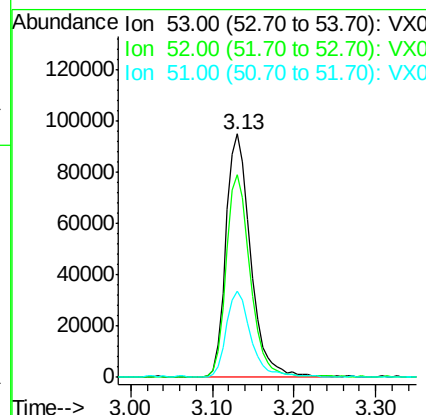
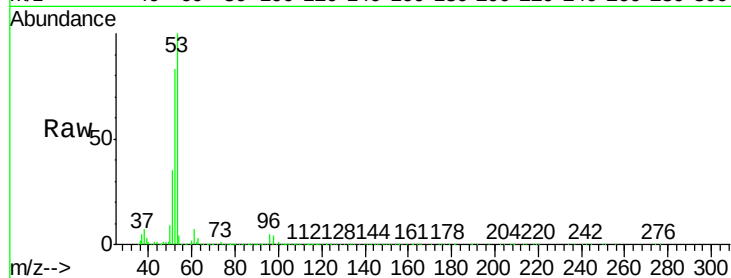
#15
 Acrylonitrile
 Concen: 103.799 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion:	53	Resp:	198202
Ion Ratio	Lower	Upper	
53	100		
52	80.9	66.6	100.0
51	34.9	29.0	43.6

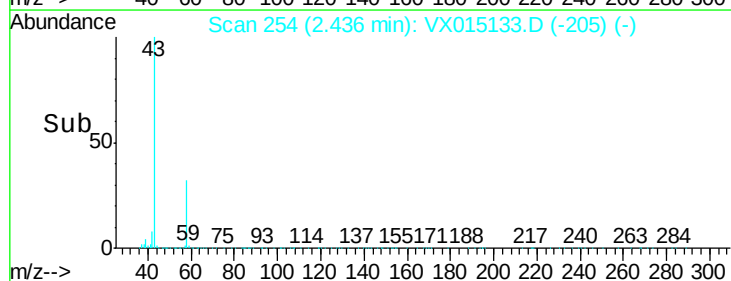
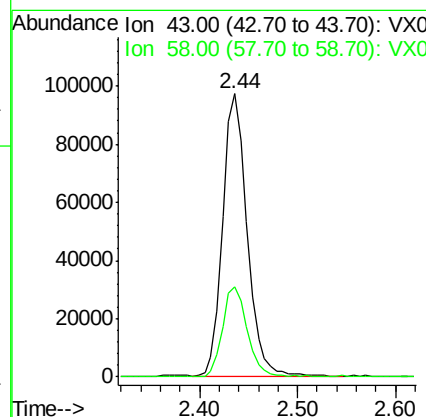
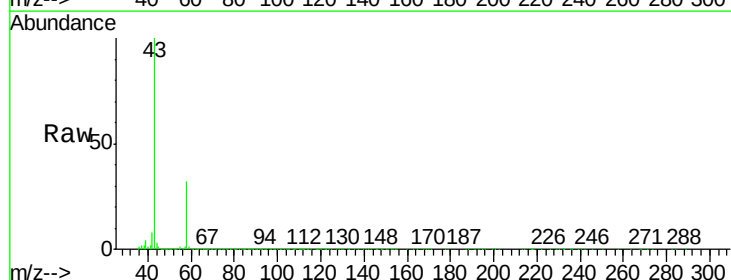
Manual Integrations
 APPROVED

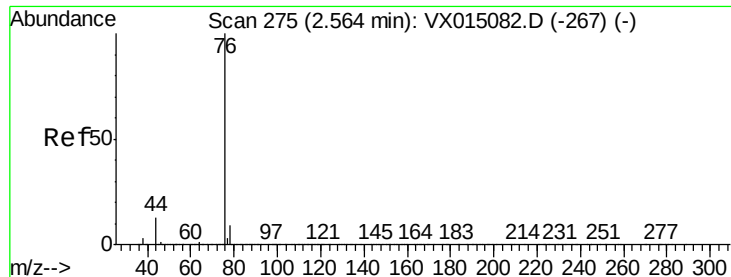
MMDadoda
 3/11/2020 4:45:23 PM



#16
 Acetone
 Concen: 94.064 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion:	43	Resp:	168347
Ion Ratio	Lower	Upper	
43	100		
58	31.8	24.8	37.2





#17

Carbon Disulfide

Concen: 18.534 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion: 76 Resp: 186320

Ion Ratio Lower Upper

76 100

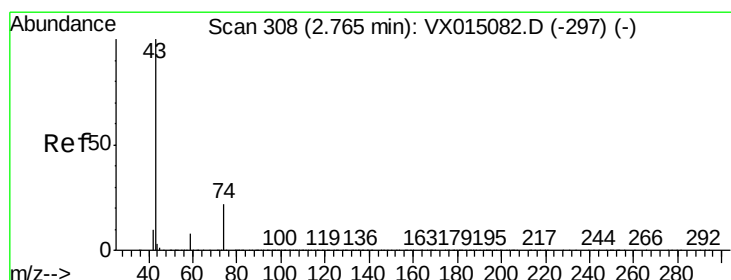
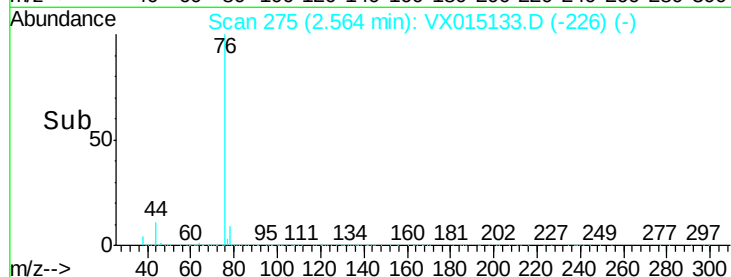
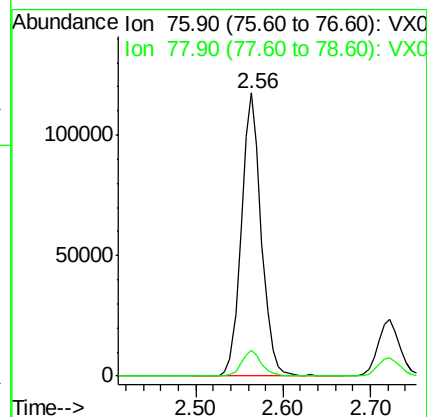
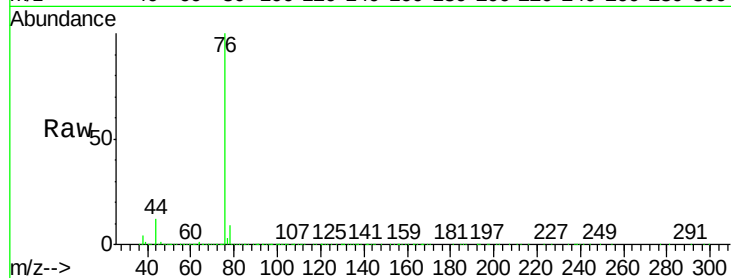
78 9.2 7.3 10.9

Manual Integrations

APPROVED

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3/11/2020 4:45:23 PM



#18

Methyl Acetate

Concen: 19.760 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015133.D

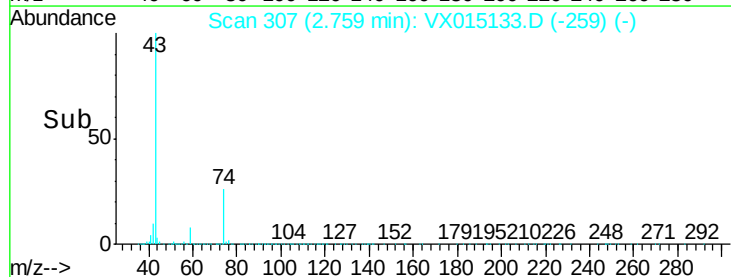
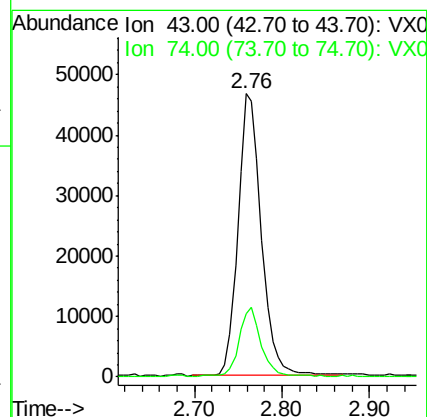
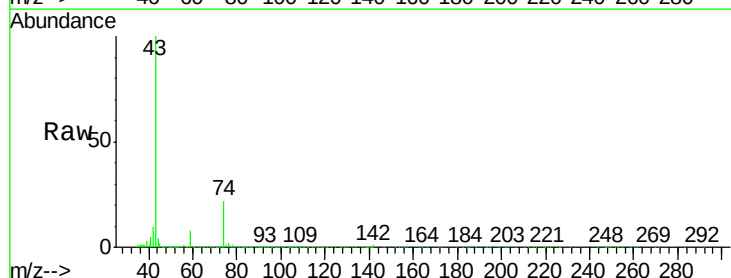
Acq: 09 Mar 2020 11:24

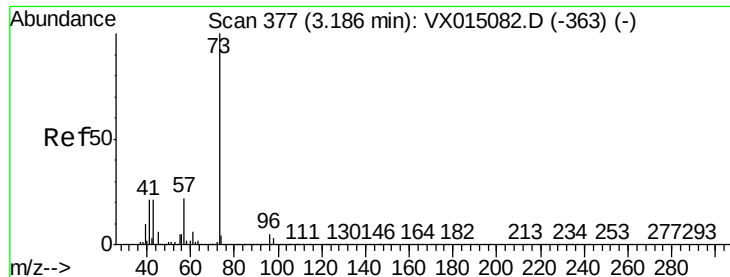
Tgt Ion: 43 Resp: 86471

Ion Ratio Lower Upper

43 100

74 23.6 18.8 28.2





#19

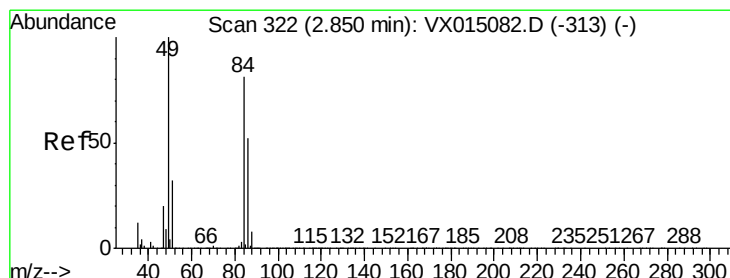
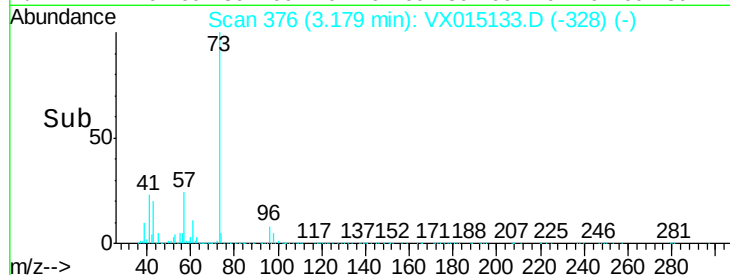
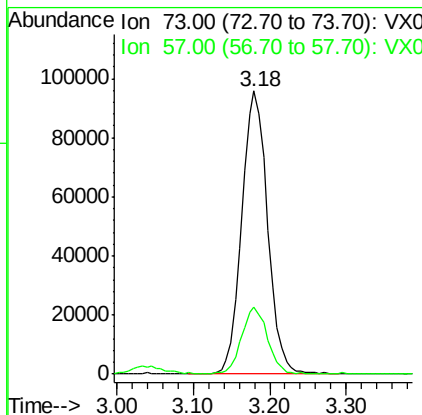
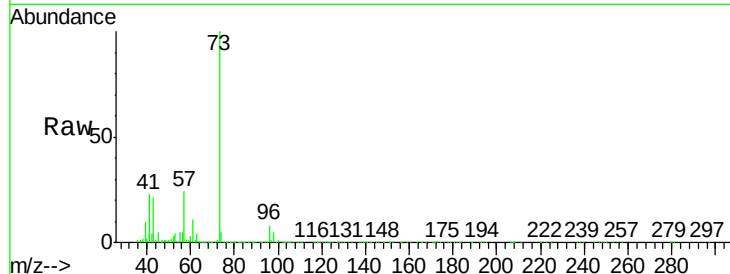
Methyl tert-butyl Ether
 Concen: 19.819 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.6	17.8	26.6

Manual Integrations
 APPROVED

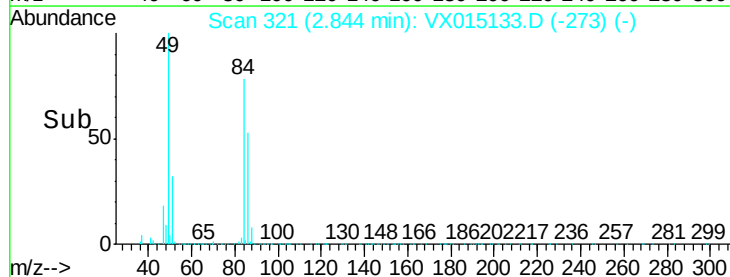
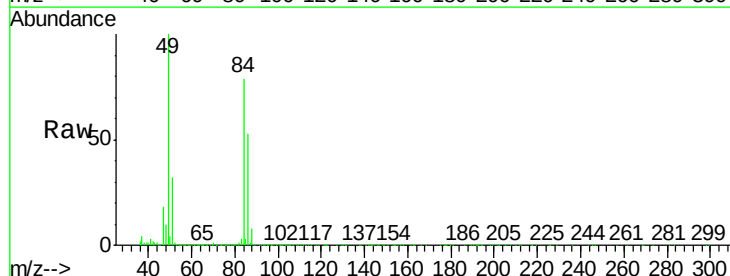
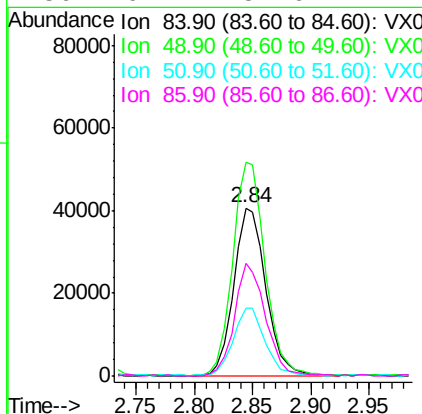
MMDadoda
 3/11/2020 4:45:23 PM

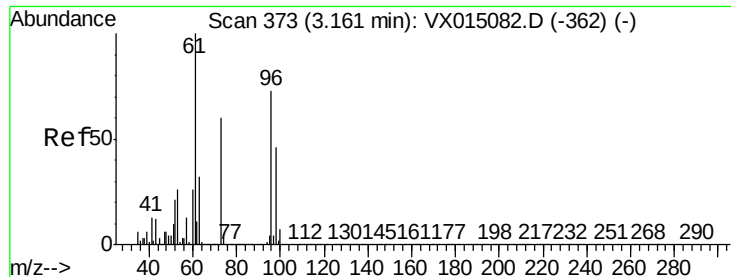


#20

Methylene Chloride
 Concen: 18.580 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.1	99.4	149.2
51	40.3	31.5	47.3
86	67.1	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.180 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

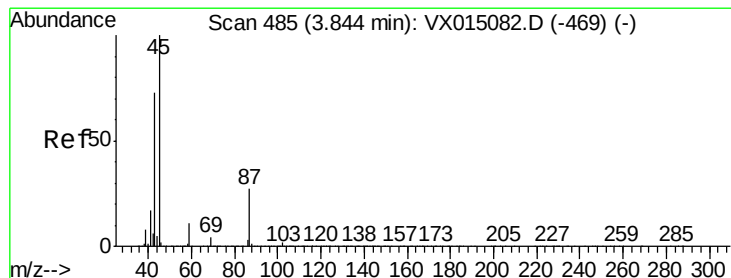
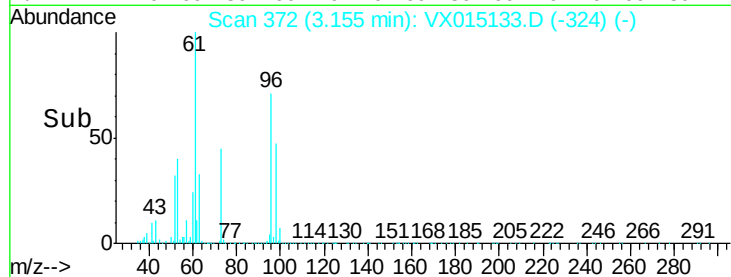
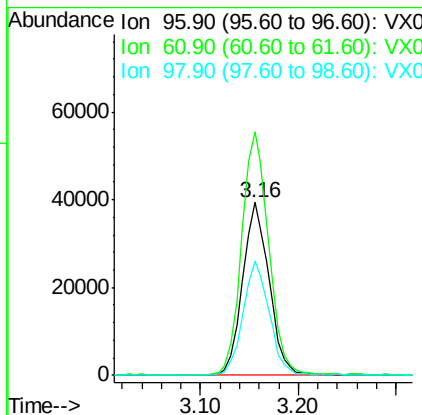
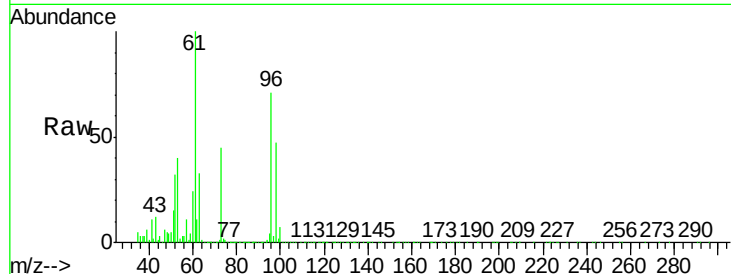
ClientSampleId :

VX0309WBS01

Tot Ion:	96	Resp:	74133
Ion	Ratio	Lower	Upper
96	100		
61	140.5	109.9	164.9
98	65.4	50.2	75.2

Manual Integrations
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3/11/2020 4:45:23 PM



#22

Diisopropyl ether

Concen: 21.740 ug/l

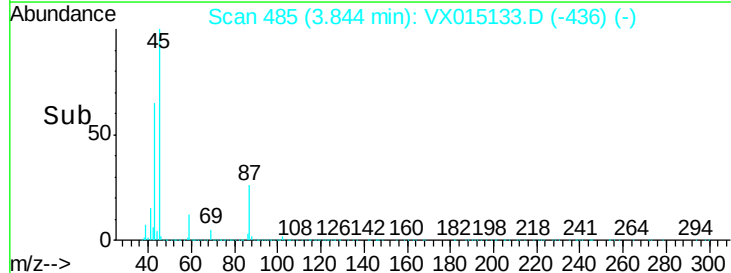
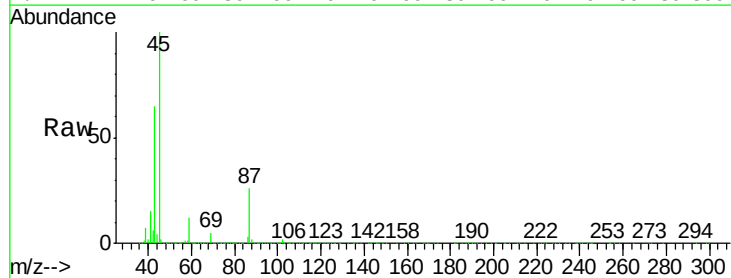
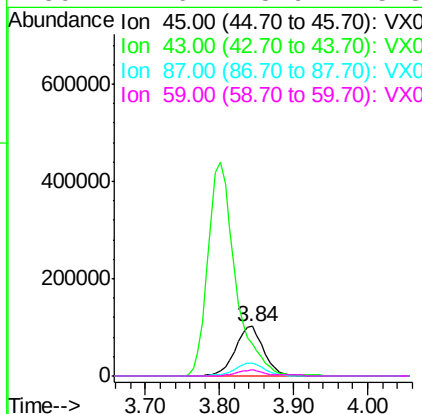
RT: 3.84 min Scan# 485

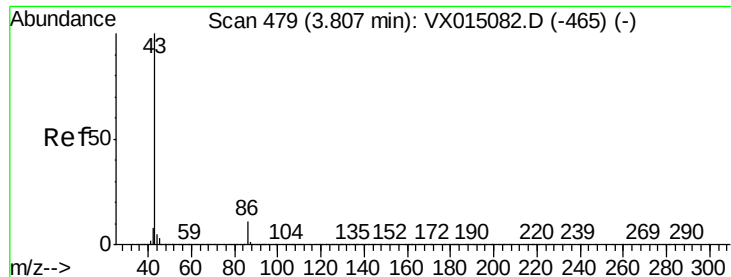
Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	45	Resp:	273384
Ion	Ratio	Lower	Upper
45	100		
43	64.0	58.2	87.2
87	26.4	21.2	31.8
59	11.6	8.9	13.3





#23

Vinyl Acetate

Concen: 108.615 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampled :

VX0309WBS01

Tot Ion: 43 Resp: 1122743

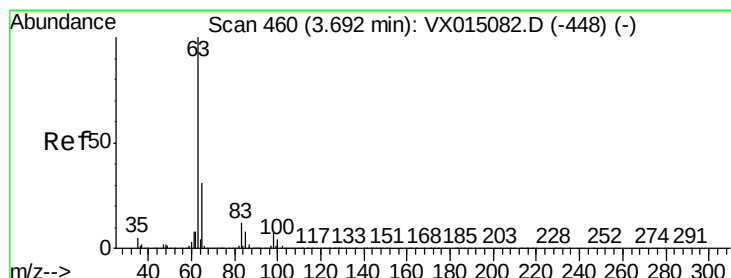
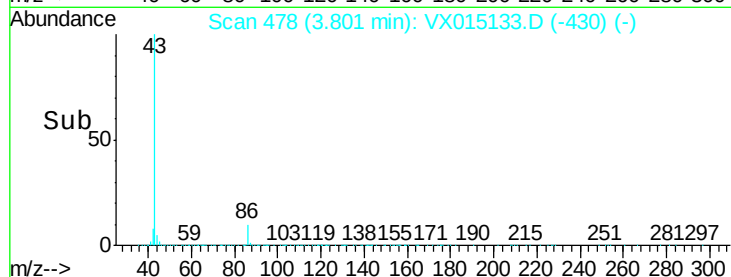
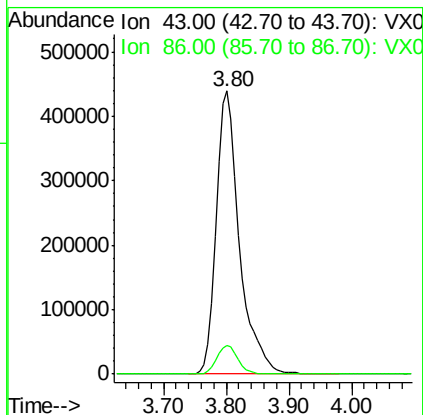
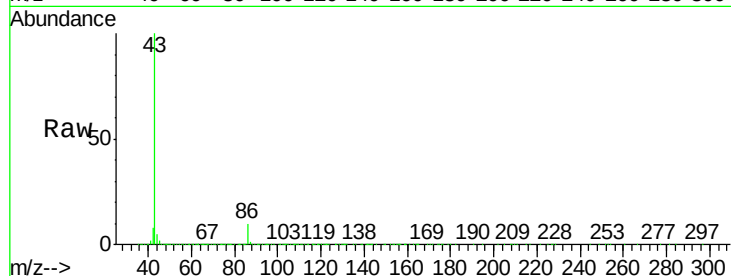
Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8

Manual Integrations
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3/11/2020 4:45:23 PM



#24

1,1-Dichloroethane

Concen: 20.307 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

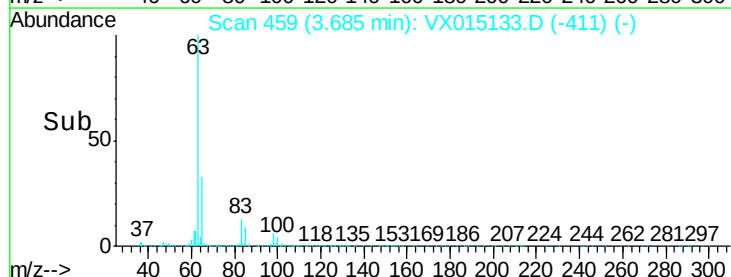
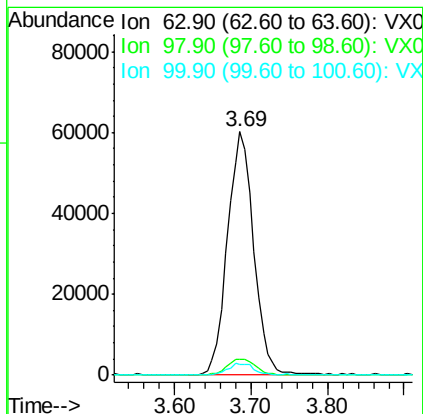
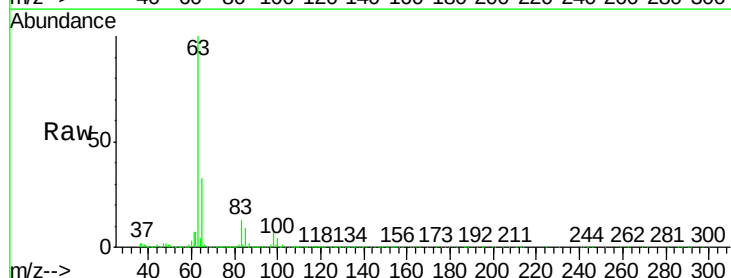
Tgt Ion: 63 Resp: 141727

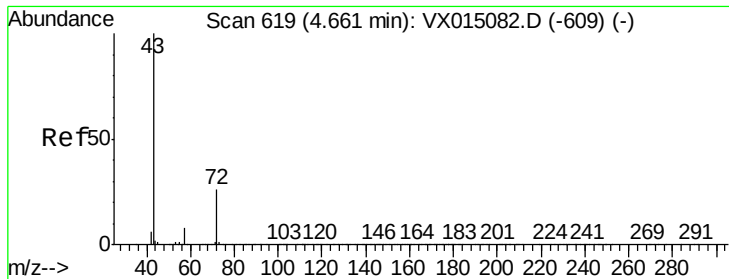
Ion Ratio Lower Upper

63 100

98 6.6 3.7 11.1

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 103.170 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tot Ion: 43 Resp: 270317

Ion Ratio Lower Upper

43 100

72 25.6 20.6 30.8

Instrument :

MSVOA_X

ClientSampled :

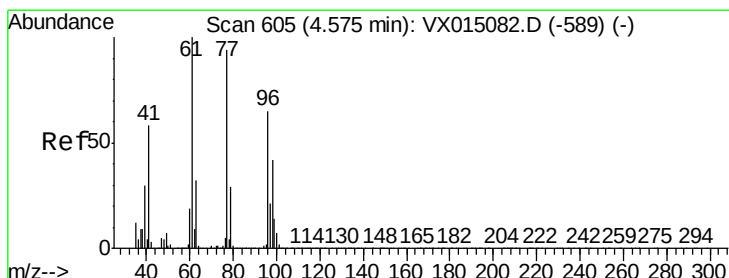
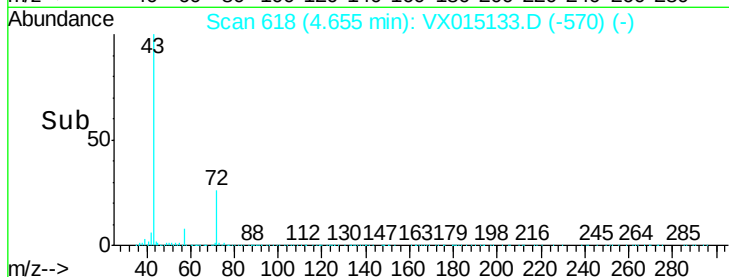
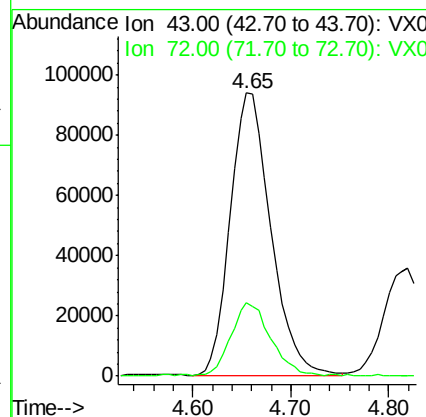
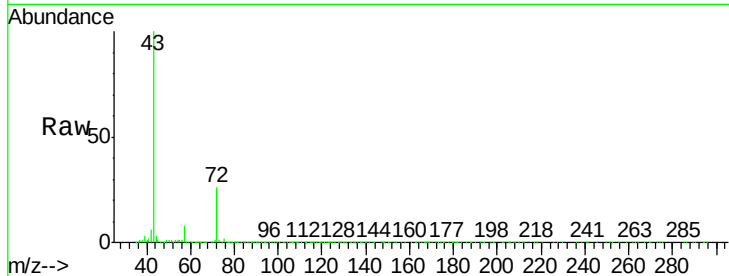
VX0309WBS01

Manual Integrations

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3/11/2020 4:45:23 PM



#26

2,2-Dichloropropane

Concen: 20.726 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015133.D

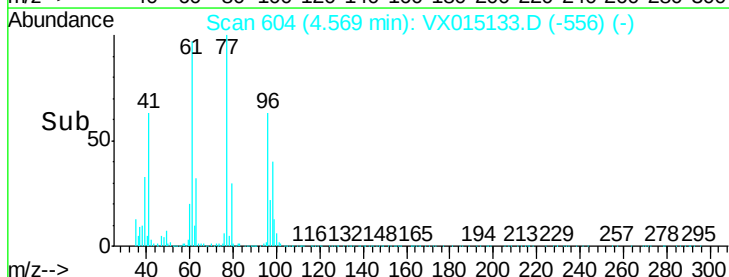
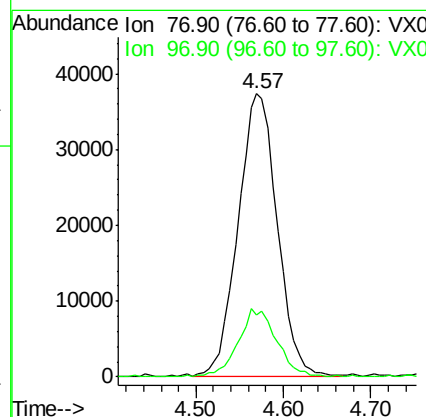
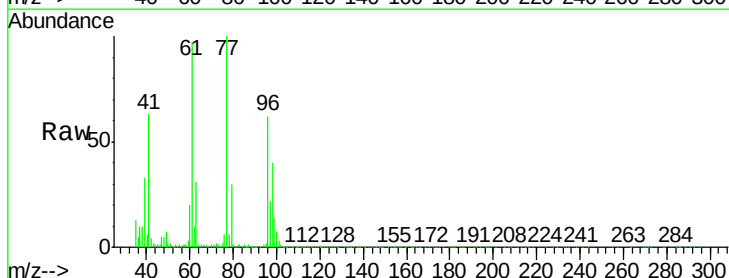
Acq: 09 Mar 2020 11:24

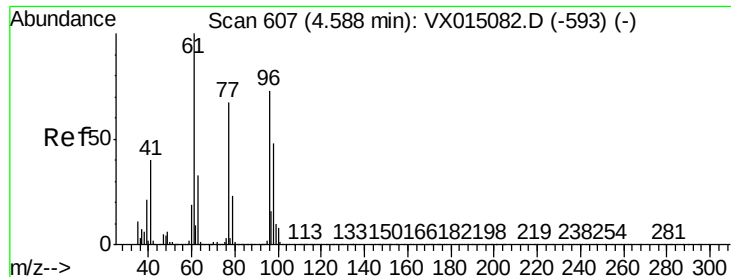
Tgt Ion: 77 Resp: 114833

Ion Ratio Lower Upper

77 100

97 23.3 11.8 35.4





#27

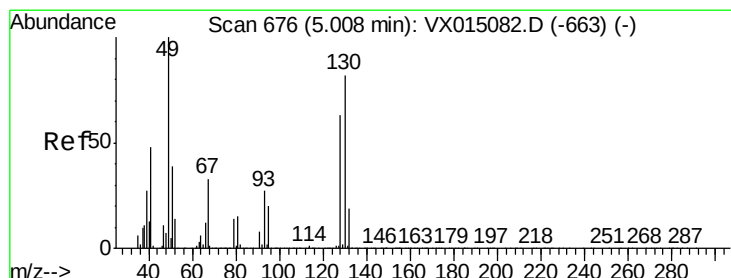
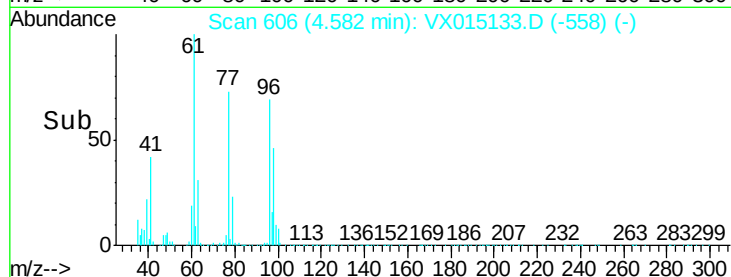
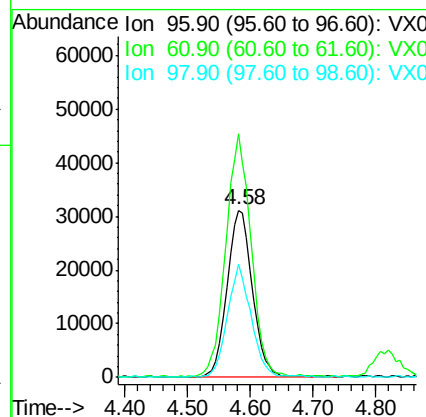
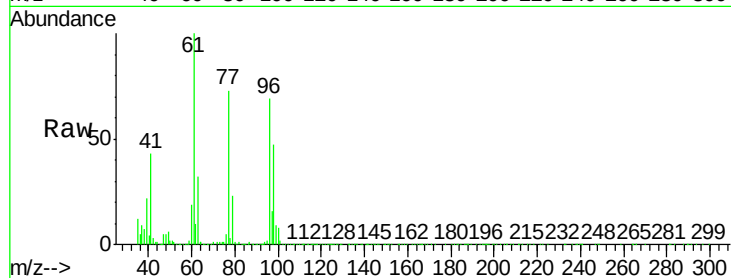
cis-1,2-Dichloroethene
Concen: 20.198 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	143.0	0.0	286.8
98	62.9	0.0	128.4

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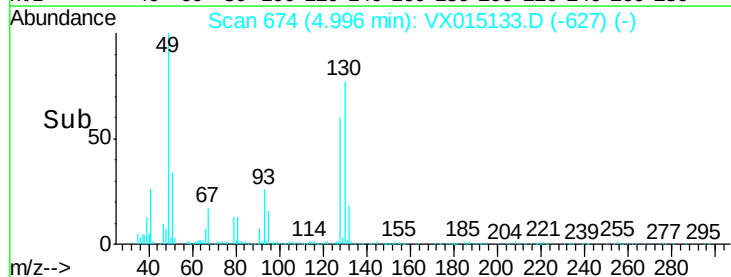
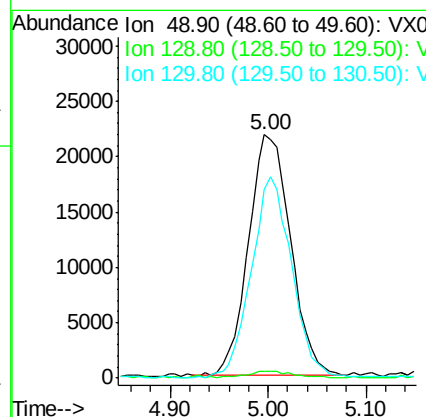
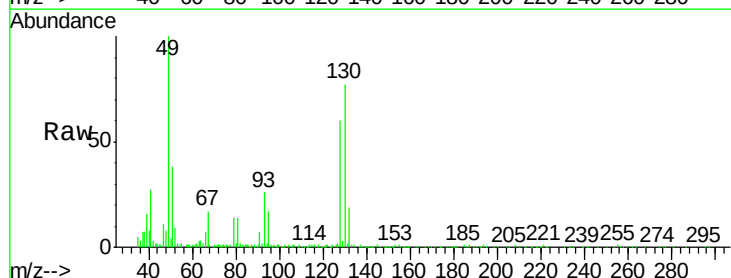
MMDadoda
3/11/2020 4:45:23 PM

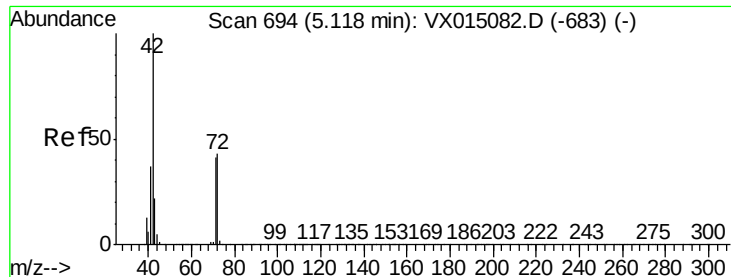


#28

Bromochloromethane
Concen: 20.528 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	4.4
130	80.4	65.0	97.6





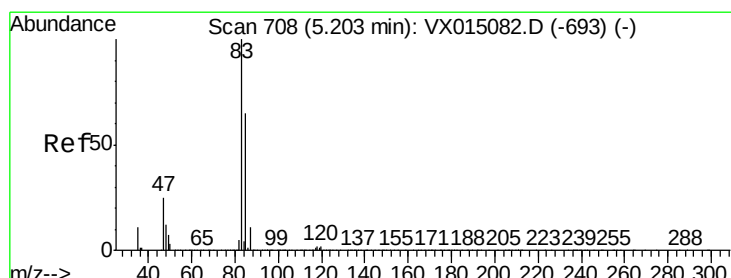
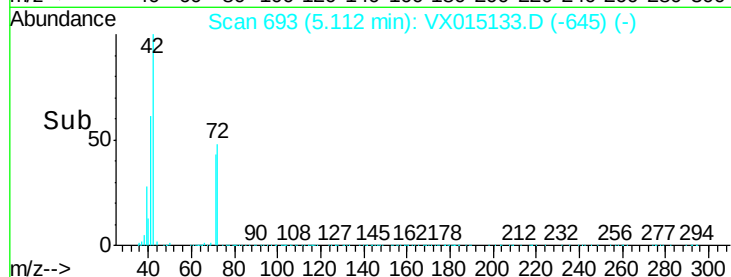
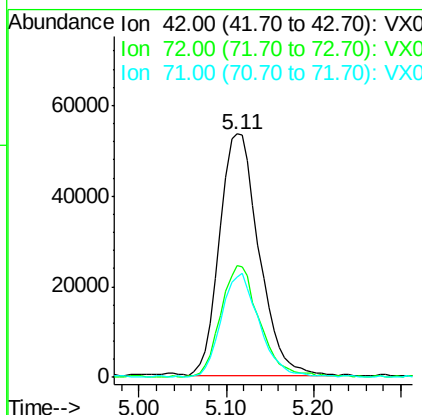
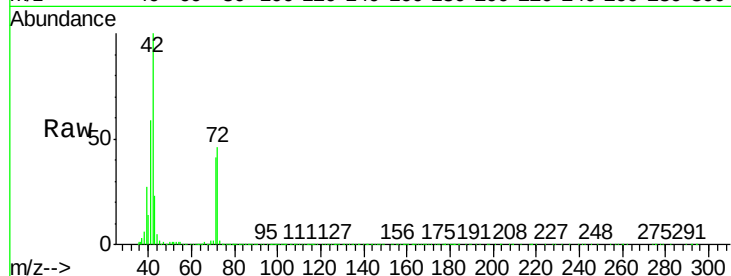
#29
Tetrahydrofuran
Concen: 98.764 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.8	36.4	54.6
71	41.0	33.3	49.9

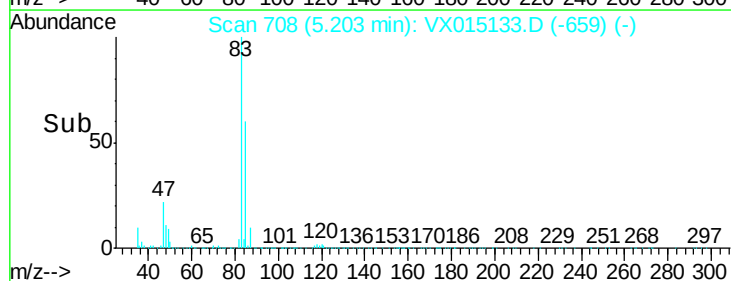
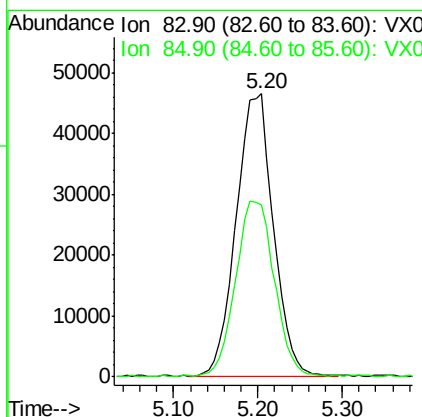
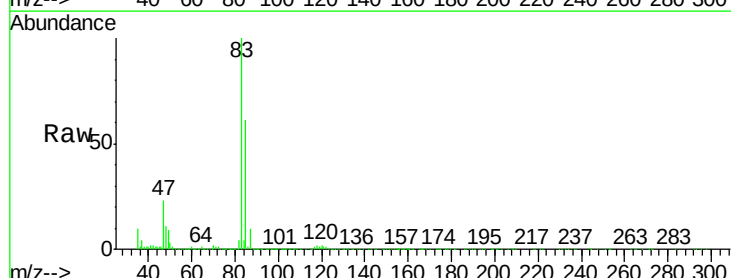
Manual Integrations
APPROVED

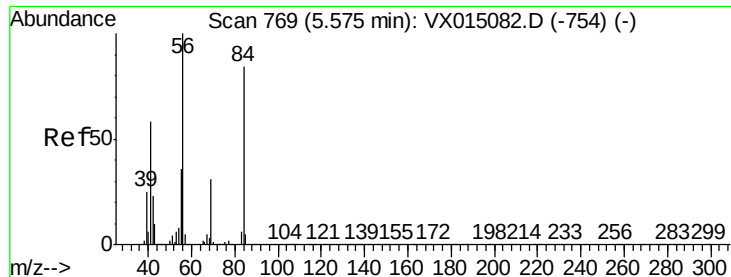
MMDadoda
3/11/2020 4:45:23 PM



#30
Chloroform
Concen: 20.416 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.0	78.0





#31

Cyclohexane

Concen: 20.168 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

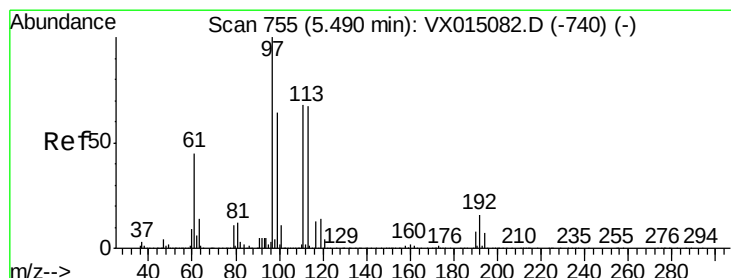
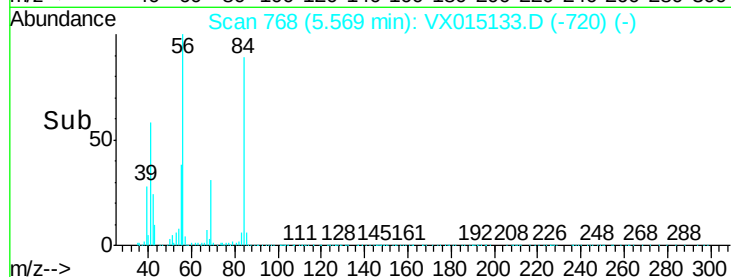
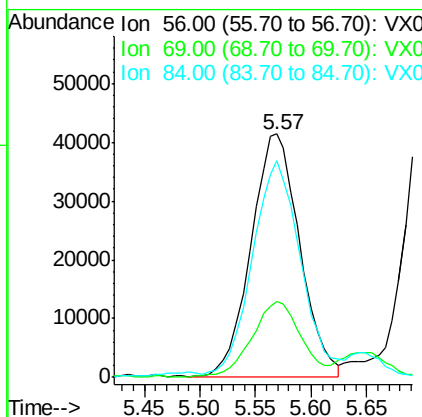
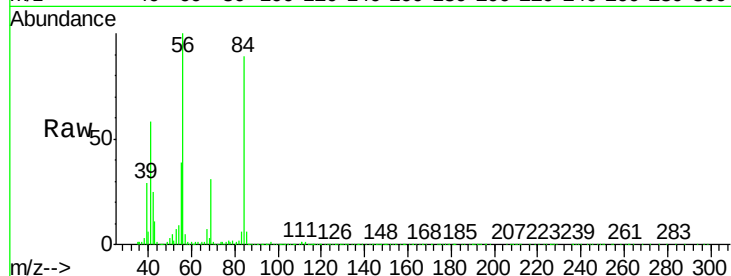
ClientSampleId :

VX0309WBS01

Tot Ion:	56	Resp:	125553
Ion Ratio		Lower	Upper
56	100		
69	30.8	25.0	37.6
84	87.2	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.878 ug/l

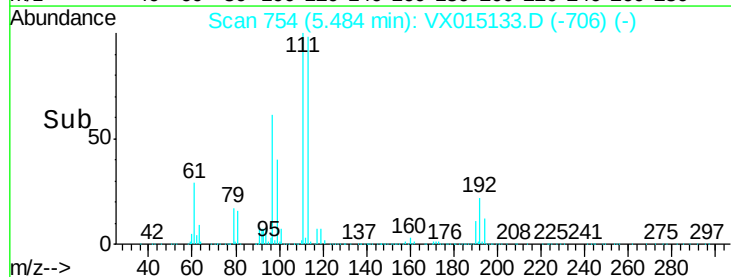
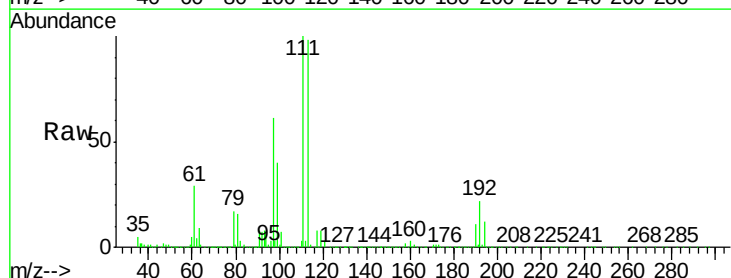
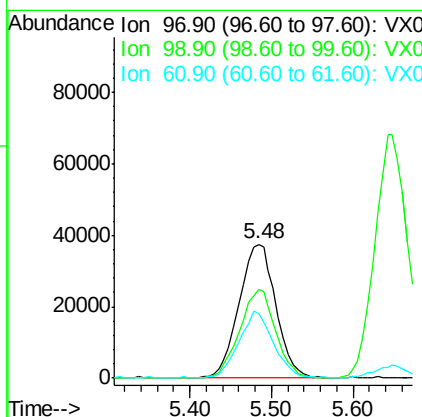
RT: 5.48 min Scan# 754

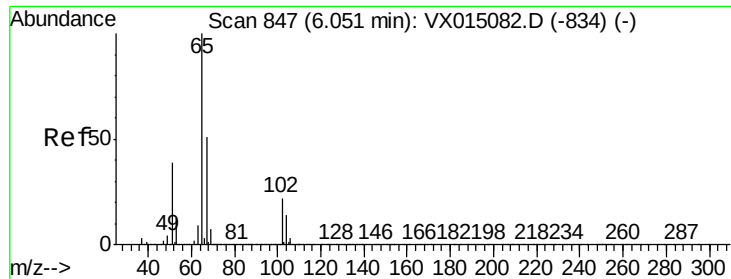
Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	97	Resp:	117729
Ion Ratio		Lower	Upper
97	100		
99	64.0	52.8	79.2
61	46.0	36.6	54.8





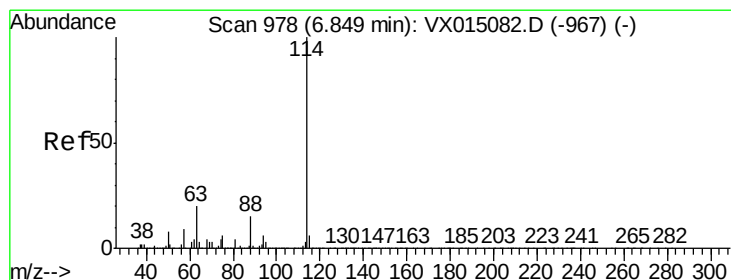
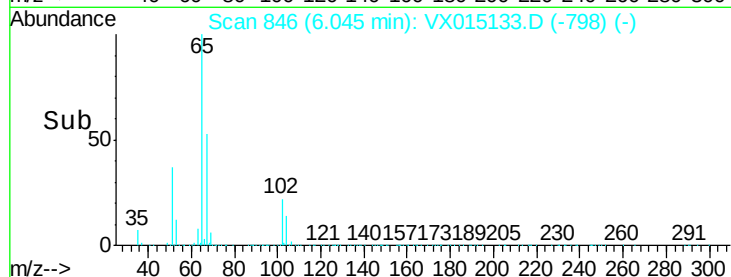
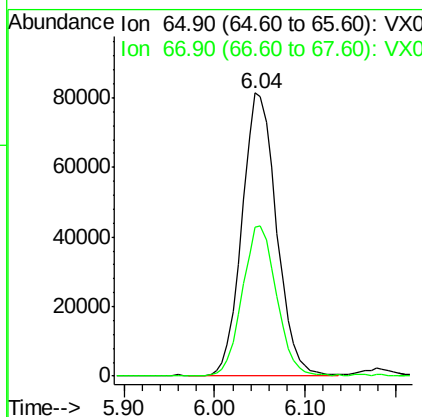
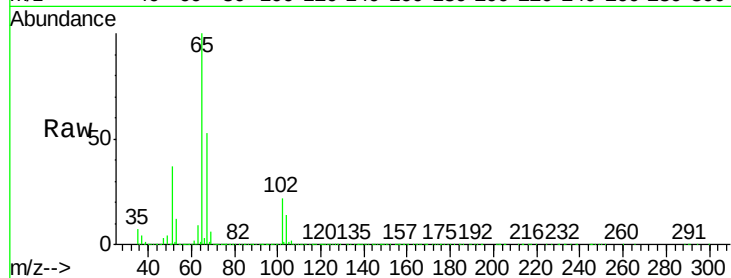
#33
 1,2-Dichloroethane-d4
 Concen: 48.444 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	214087		
67	52.3	0.0	105.6	

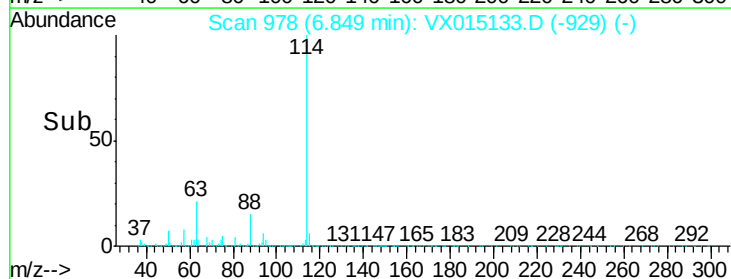
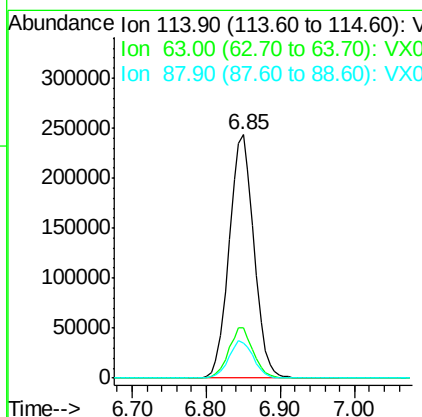
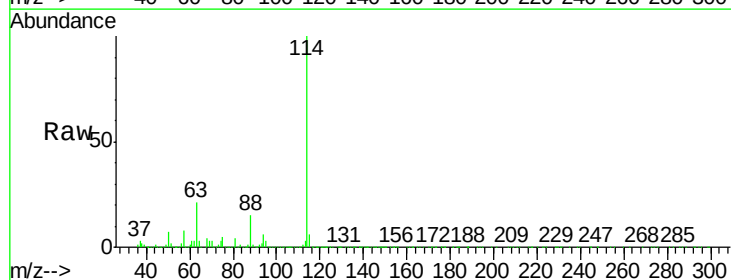
Manual Integrations
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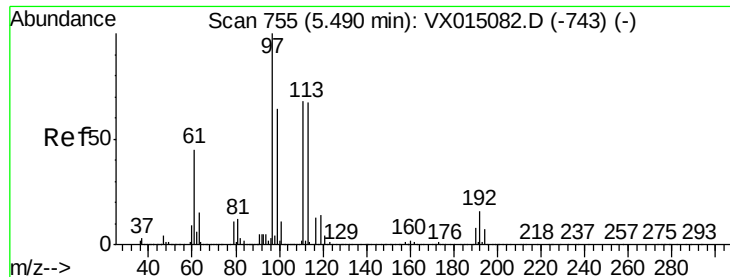
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	566869		
63	20.6	0.0	40.0	
88	14.6	0.0	30.6	





#35

Dibromofluoromethane

Concen: 48.723 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

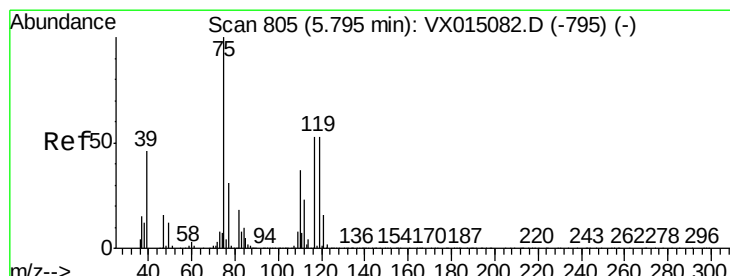
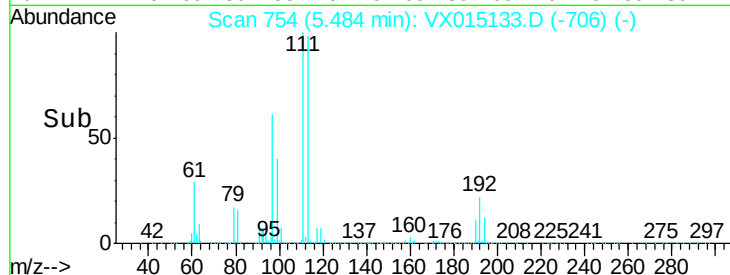
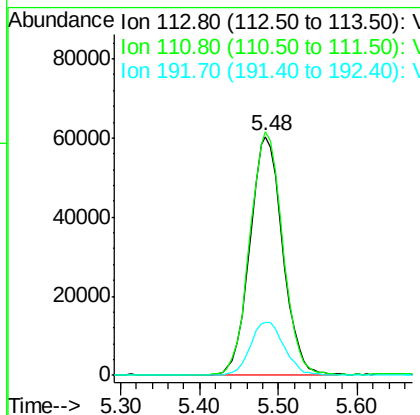
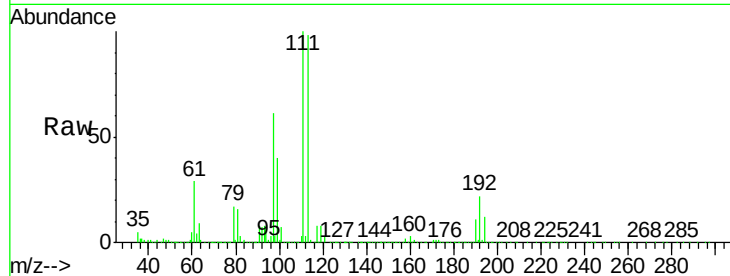
ClientSampleId :

VX0309WBS01

Tot Ion:	113	Resp:	174244
Ion Ratio	Lower	Upper	
113	100		
111	101.8	82.6	123.8
192	23.2	18.6	28.0

Manual Integrations
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3/11/2020 4:45:23 PM



#36

1,1-Dichloropropene

Concen: 20.352 ug/l

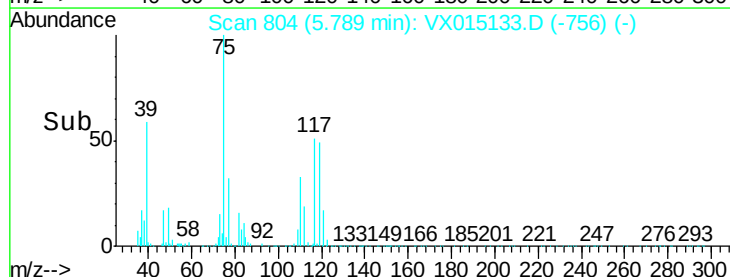
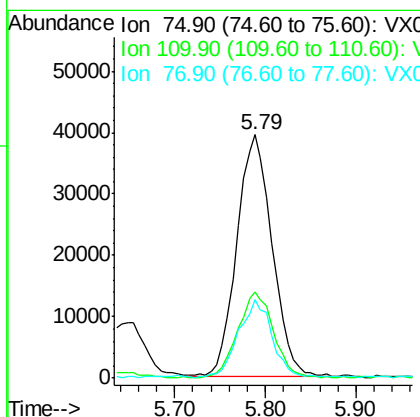
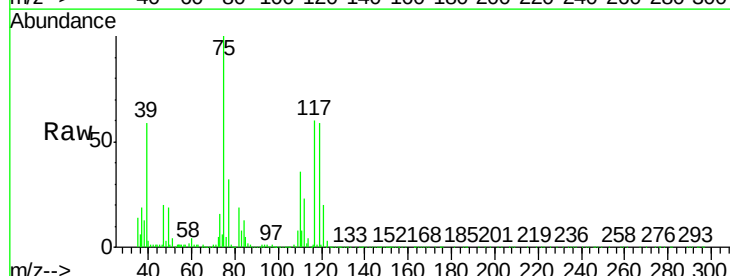
RT: 5.79 min Scan# 804

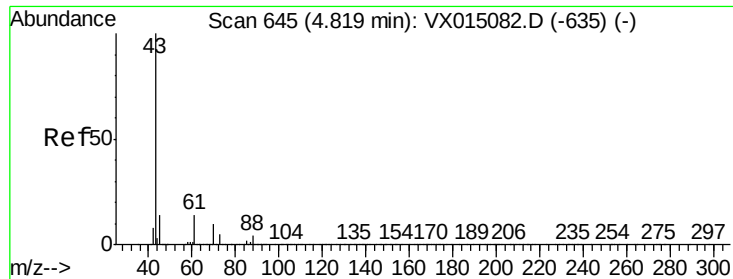
Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	75	Resp:	106653
Ion Ratio	Lower	Upper	
75	100		
110	36.2	17.9	53.8
77	30.3	24.8	37.2





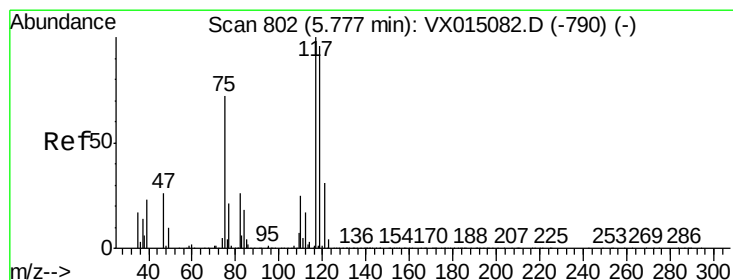
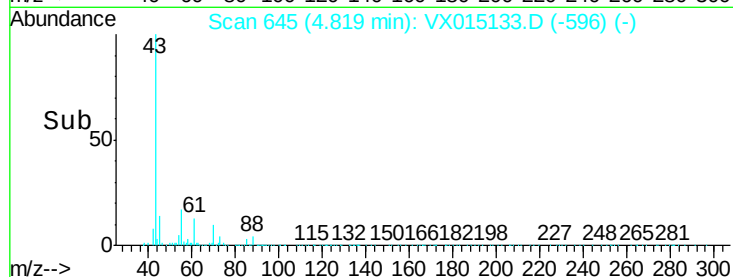
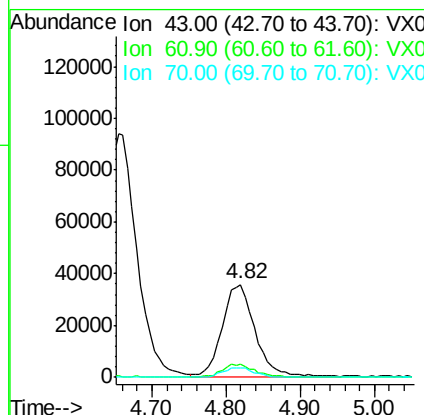
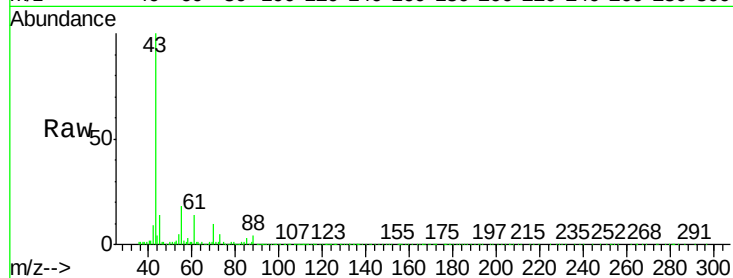
#37
Ethyl Acetate
Concen: 22.243 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion:	43	Resp:	108127
Ion Ratio	Lower	Upper	
43	100		
61	14.9	11.0	16.4
70	9.9	8.1	12.1

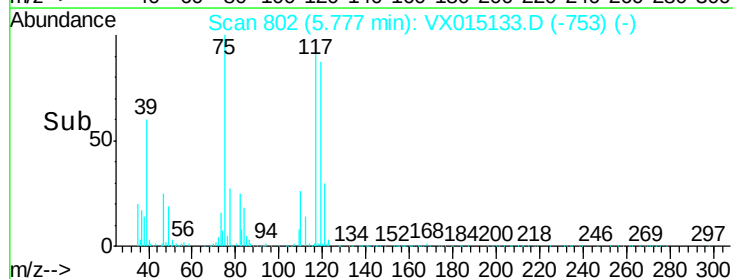
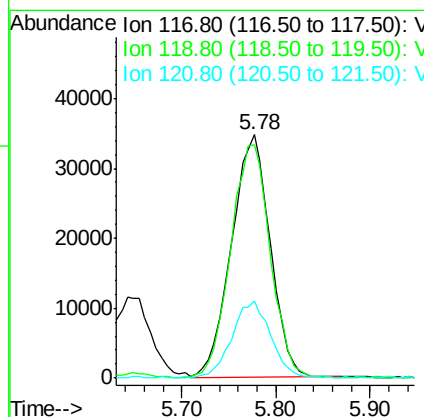
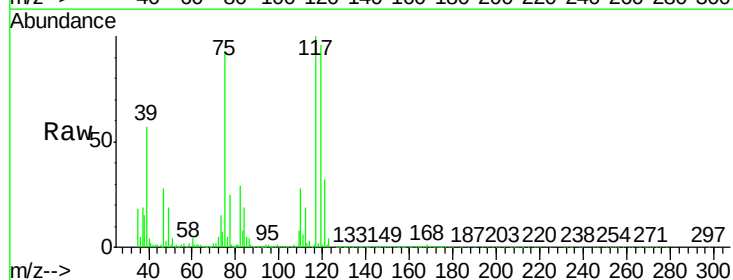
Manual Integrations
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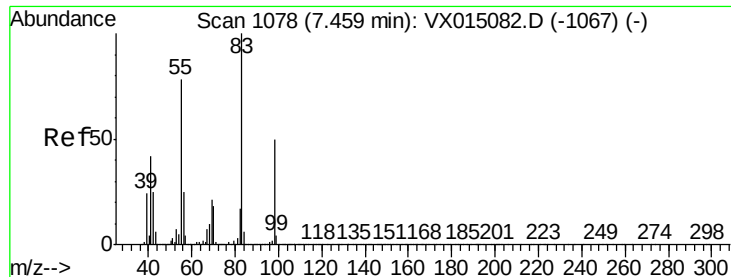
MMDadoda
3/11/2020 4:45:23 PM



#38
Carbon Tetrachloride
Concen: 20.114 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion:	117	Resp:	99494
Ion Ratio	Lower	Upper	
117	100		
119	96.0	76.9	115.3
121	31.8	24.6	37.0





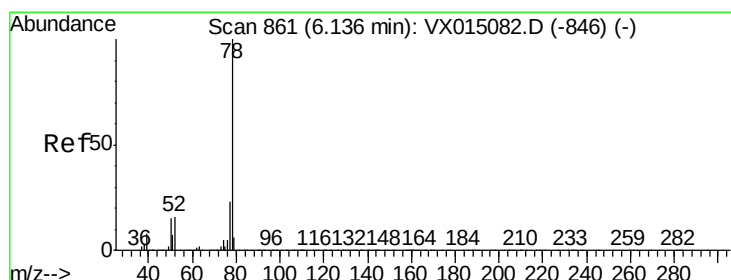
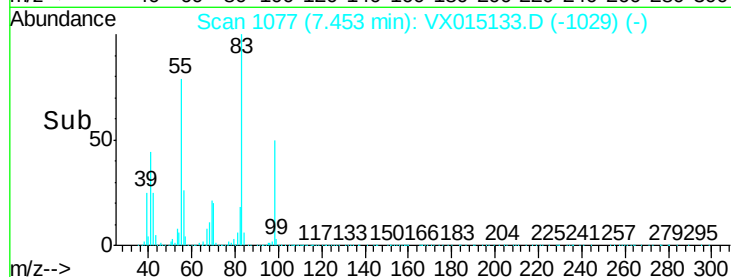
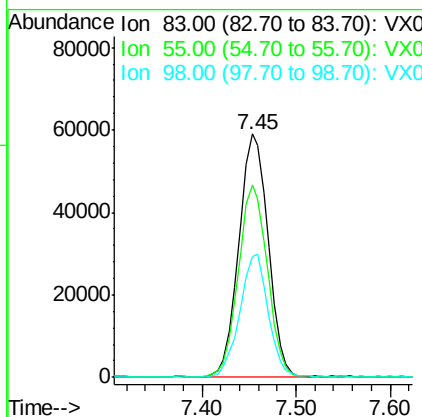
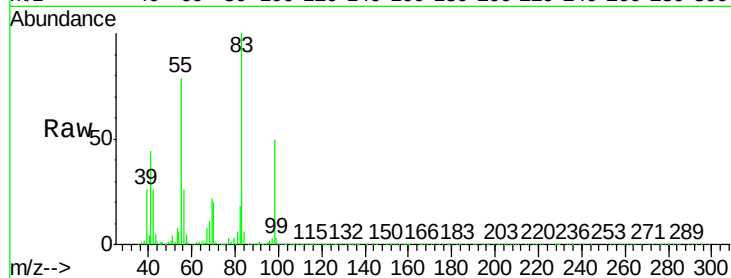
#39
Methylvlcyclohexane
Concen: 20.864 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	62.4	93.6
98	49.7	39.7	59.5

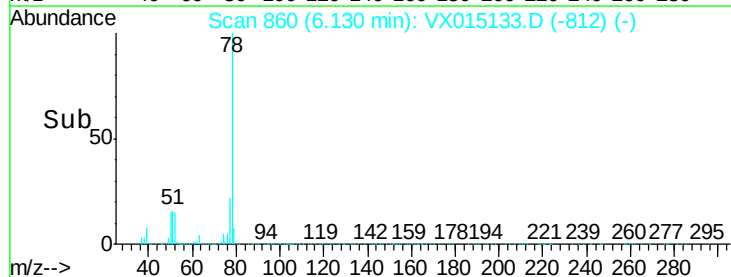
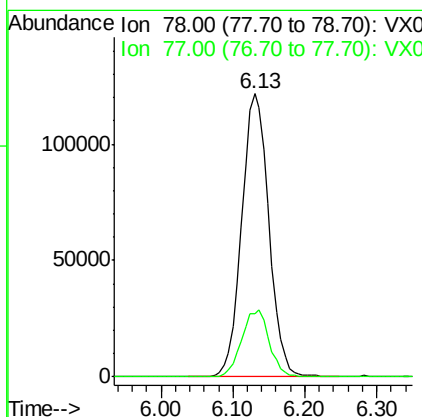
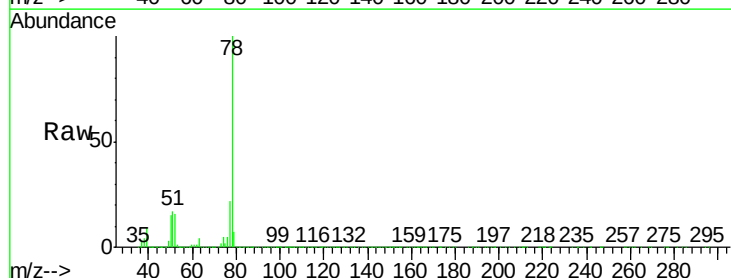
Manual Integrations
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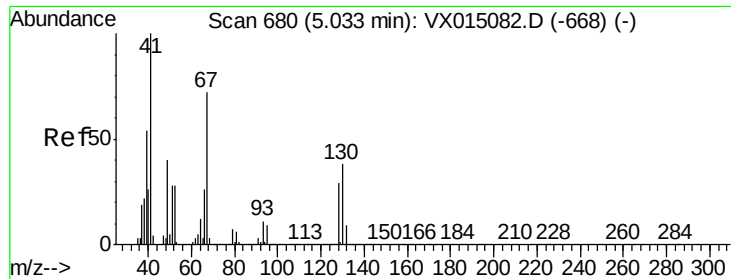
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#40
Benzene
Concen: 20.442 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.3	18.6	28.0





#41

Methacrylonitrile

Concen: 20.420 ug/l

RT: 5.02 min Scan# 678

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

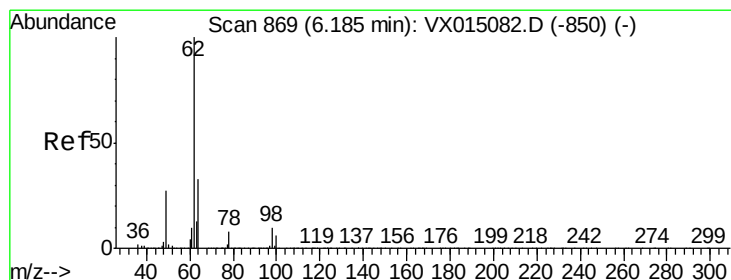
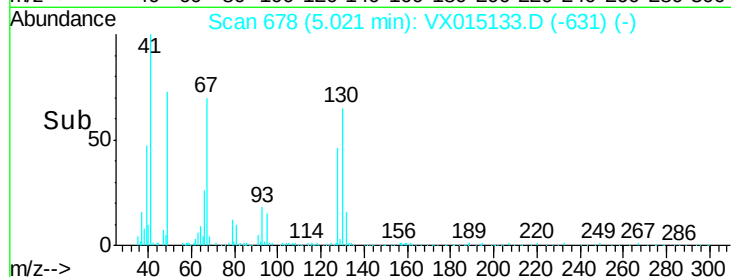
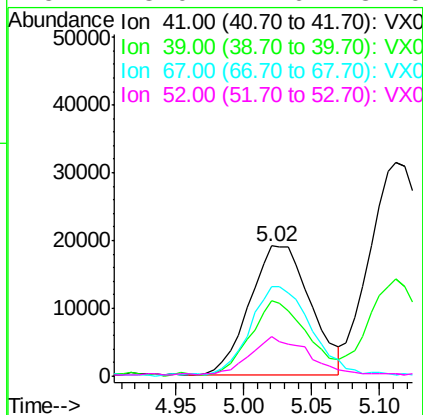
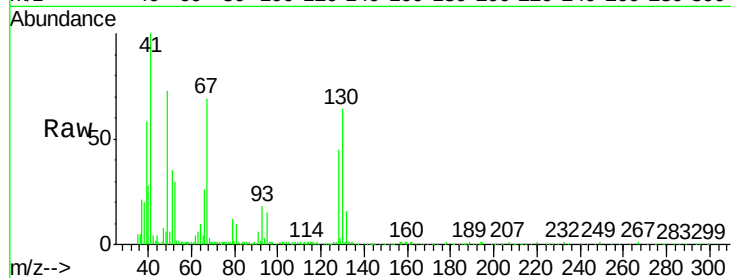
ClientSampleId :

VX0309WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.7	43.9	65.9
67	71.3	57.8	86.8
52	28.0	22.6	34.0

Manual Integrations
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3/11/2020 4:45:23 PM



#42

1,2-Dichloroethane

Concen: 21.371 ug/l

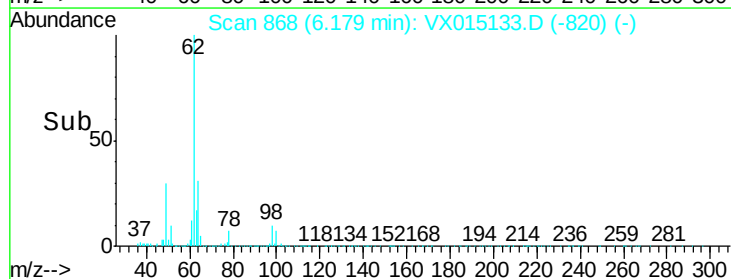
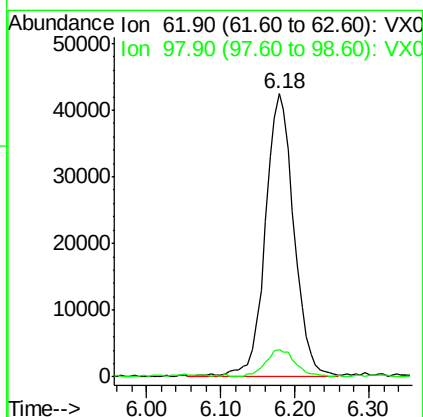
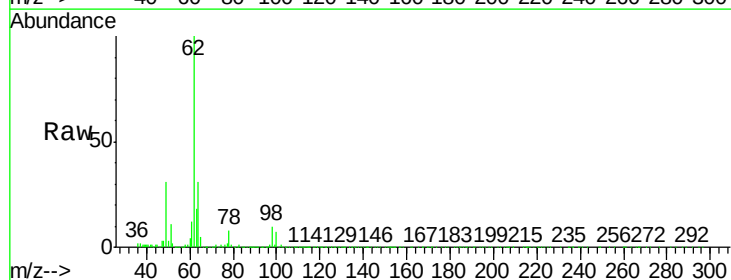
RT: 6.18 min Scan# 868

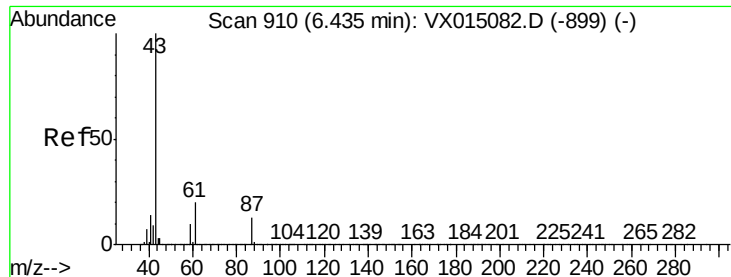
Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.6





#43

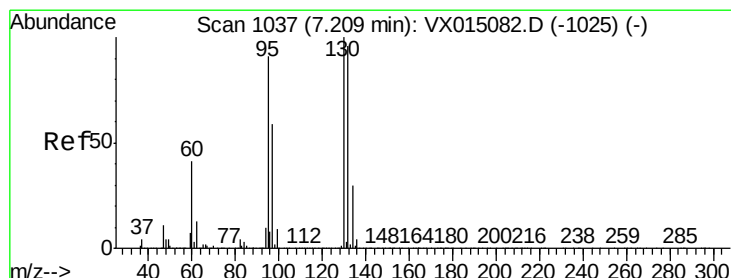
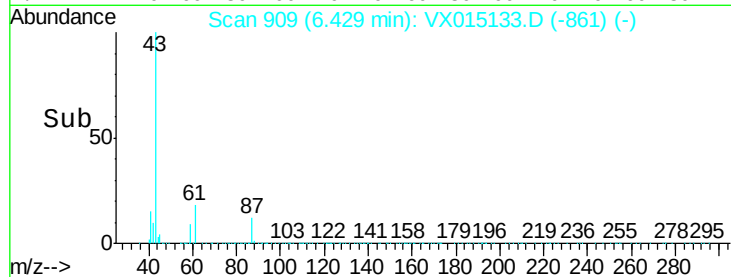
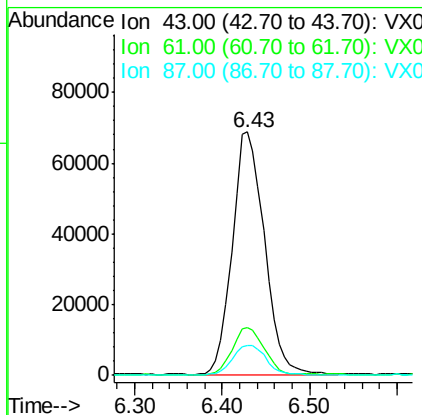
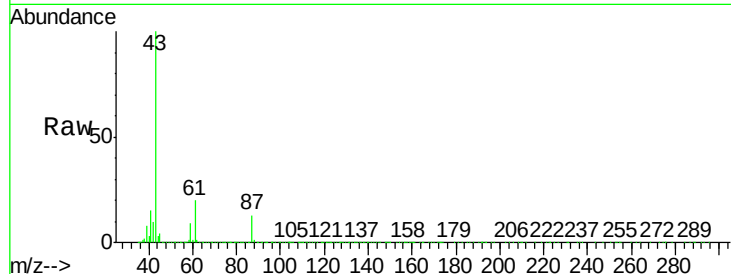
Isopropyl Acetate
 Concen: 20.535 ug/l
 RT: 6.43 min Scan# 909
 Delta R.T. -0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.1	24.1
87	13.1	10.6	16.0

Manual Integrations
 APPROVED

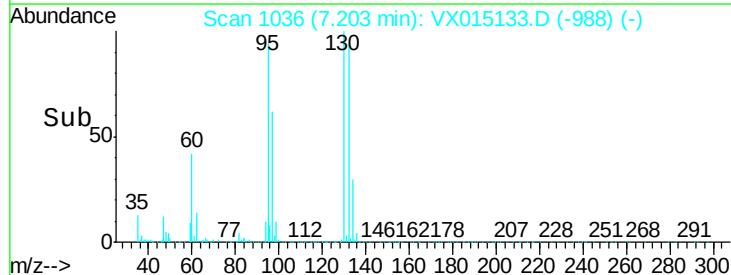
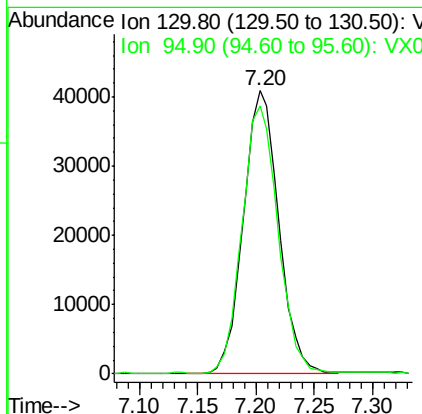
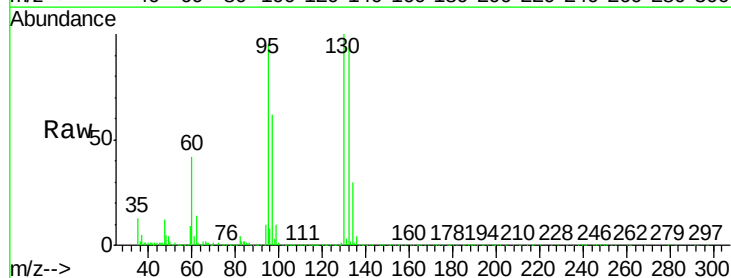
MMDadoda
 3/11/2020 4:45:23 PM

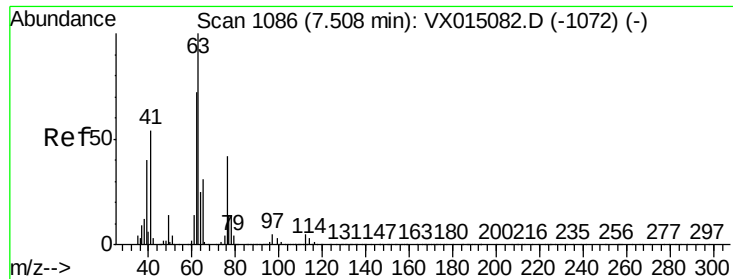


#44

Trichloroethene
 Concen: 20.031 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.5	0.0	181.2





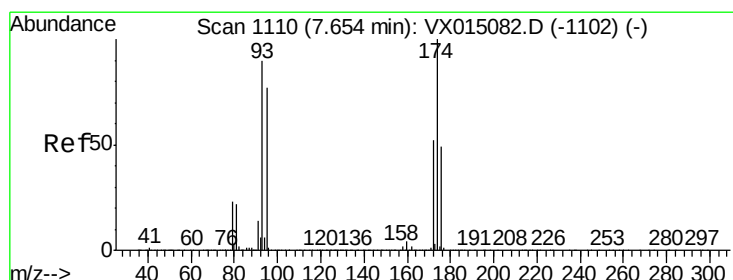
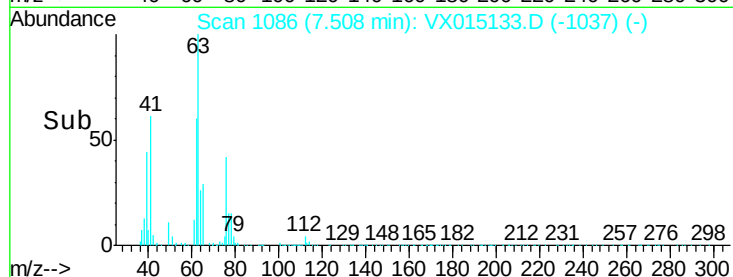
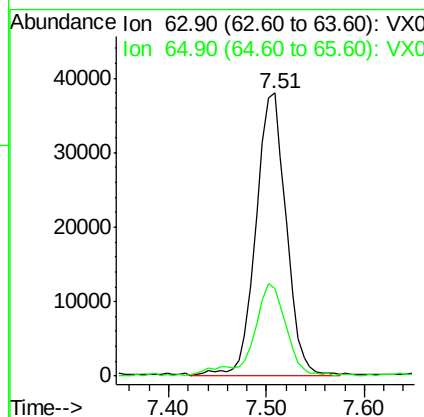
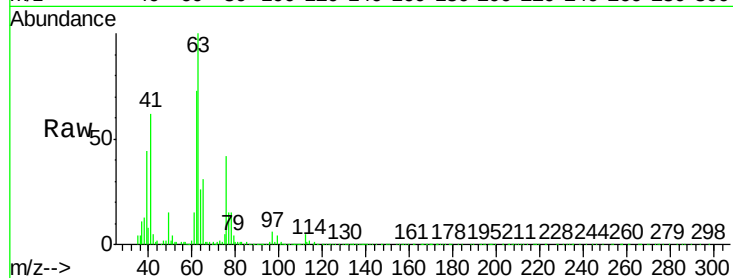
#45
 1,2-Dichloropropane
 Concen: 20.436 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.2	24.6	36.8

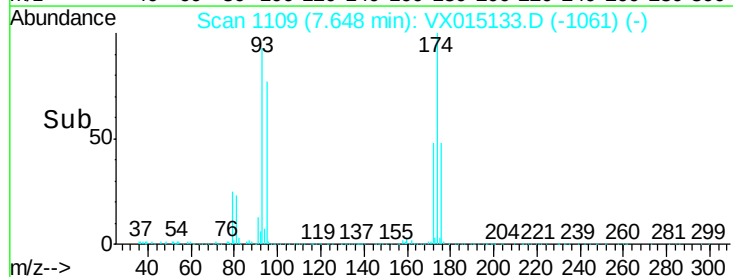
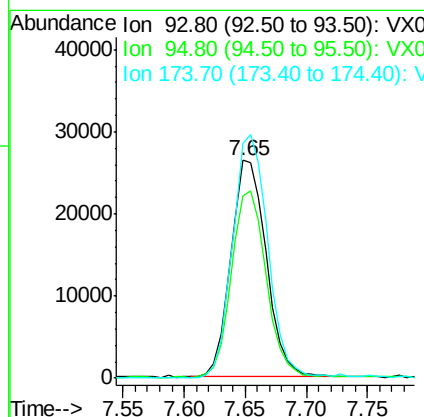
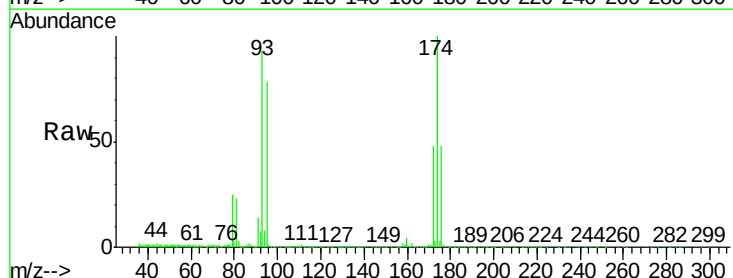
Manual Integrations
 APPROVED

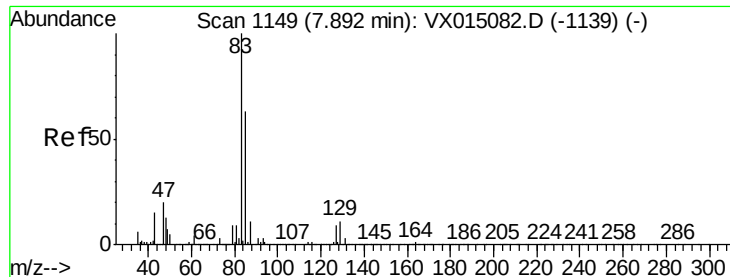
MMDadoda
 3/11/2020 4:45:23 PM



#46
 Dibromomethane
 Concen: 20.119 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.3	67.8	101.8
174	112.6	91.0	136.4





#47

Bromodichloromethane

Concen: 20.686 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

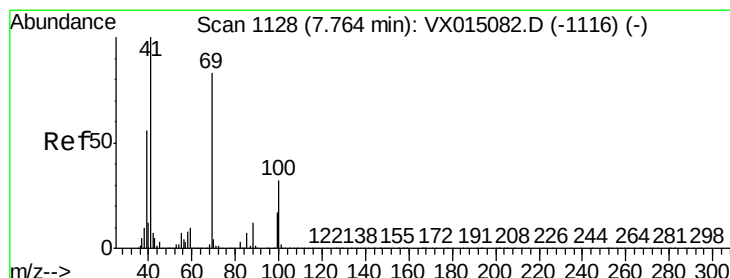
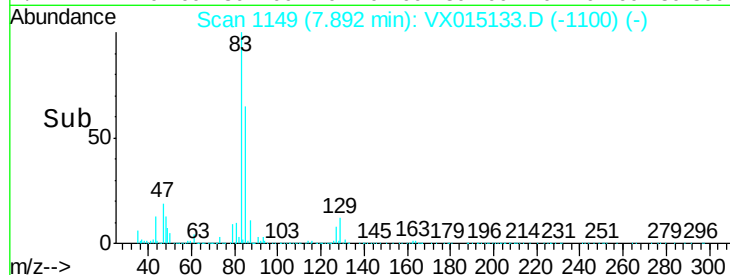
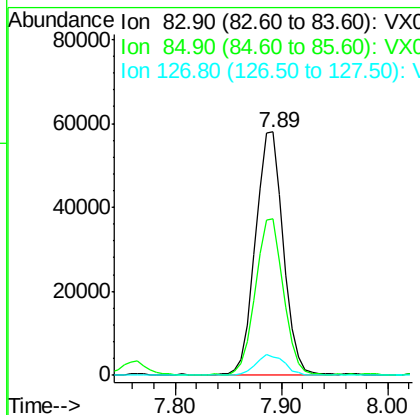
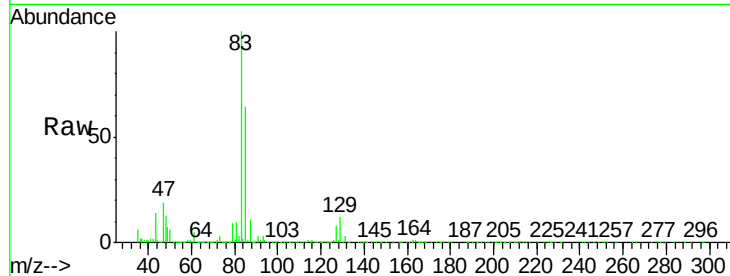
ClientSampleId :

VX0309WBS01

Tot Ion:	83	Resp:	107266
Ion Ratio	Lower	Upper	
83	100		
85	64.0	50.6	75.8
127	7.6	7.1	10.7

Manual Integrations
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3/11/2020 4:45:23 PM



#48

Methyl methacrylate

Concen: 19.648 ug/l

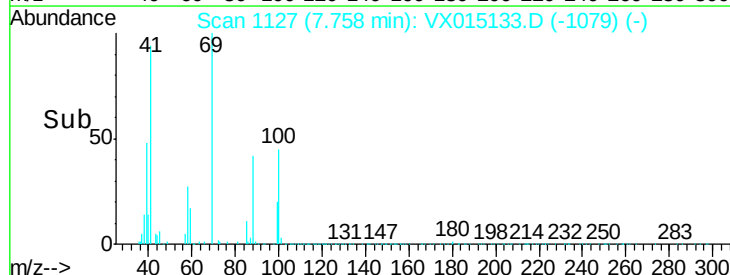
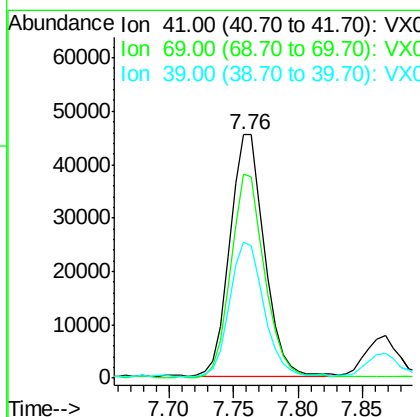
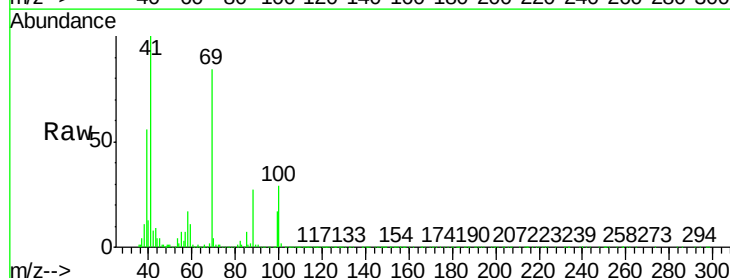
RT: 7.76 min Scan# 1127

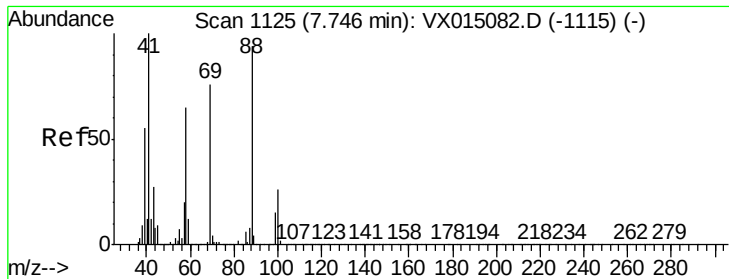
Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	41	Resp:	85518
Ion Ratio	Lower	Upper	
41	100		
69	81.4	65.4	98.2
39	54.7	44.6	67.0





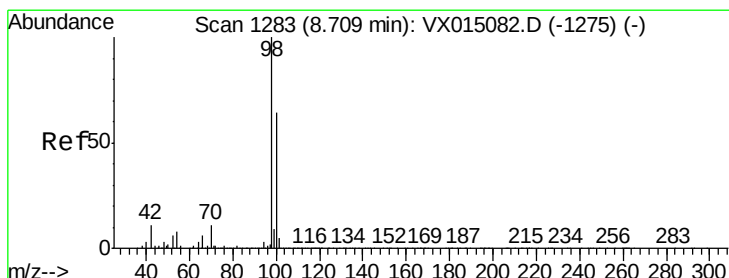
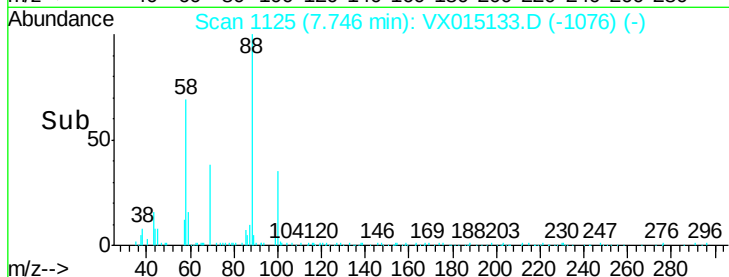
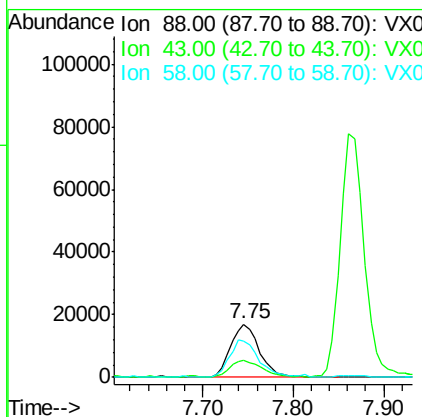
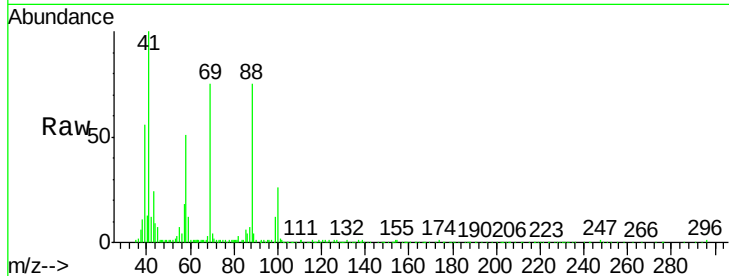
#49
1,4-Dioxane
Concen: 390.309 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	27.0	40.4
58	69.8	55.6	83.4

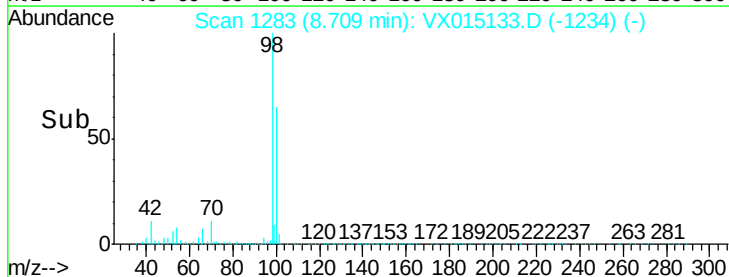
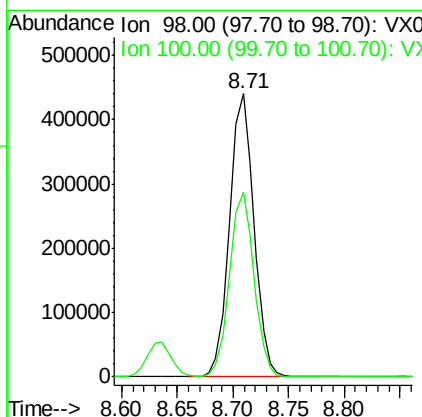
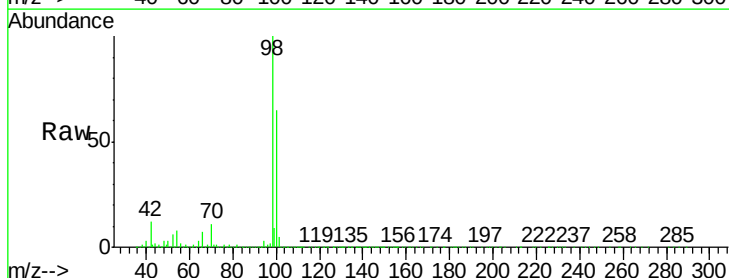
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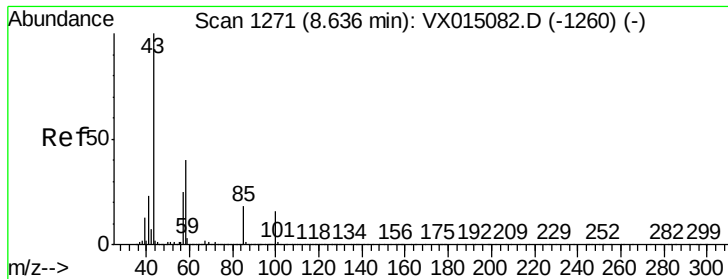
MMDadoda
3/11/2020 4:45:23 PM



#50
Toluene-d8
Concen: 49.143 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





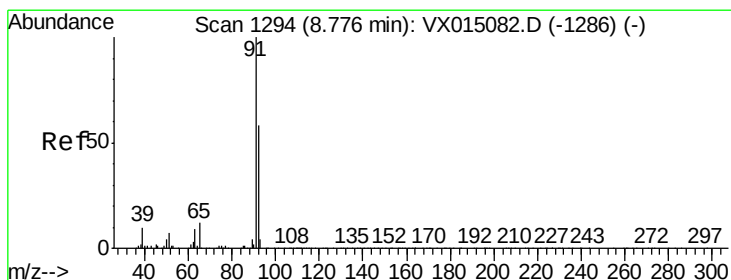
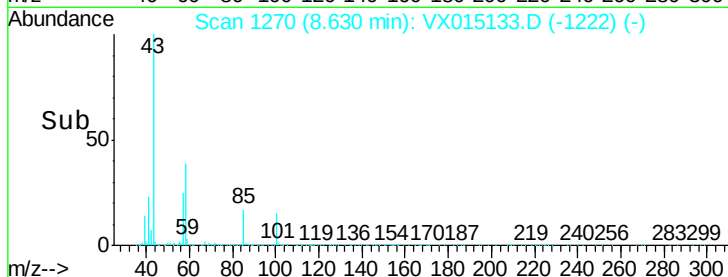
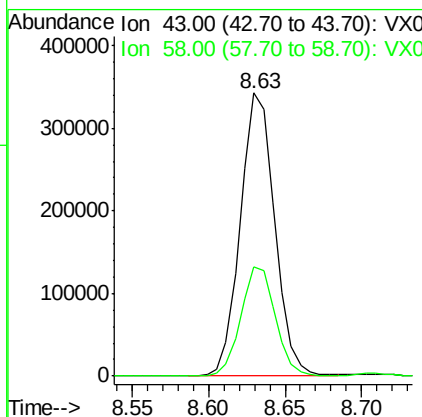
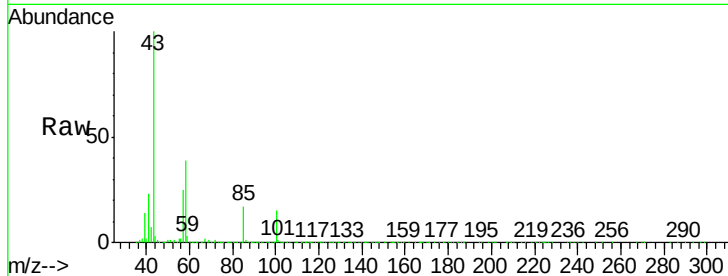
#51
4-Methyl-2-Pentanone
Concen: 105.644 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.7	31.6	47.4

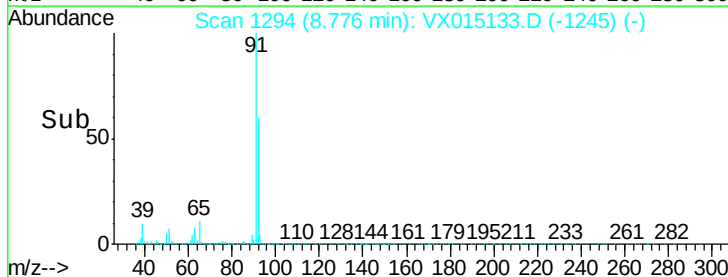
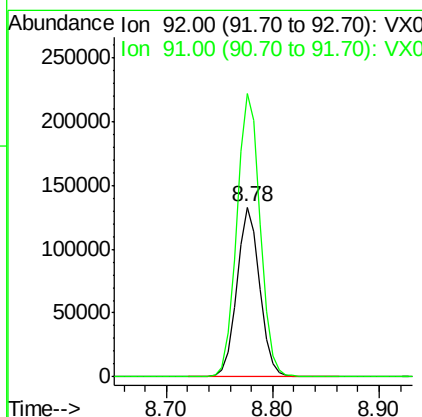
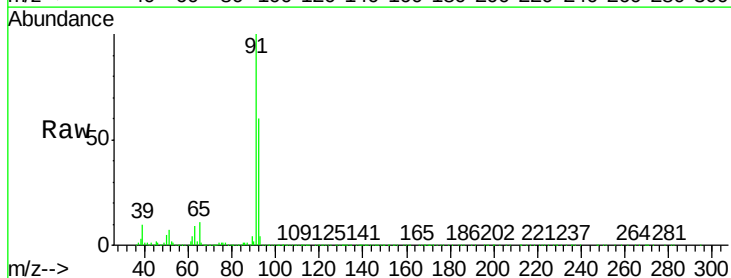
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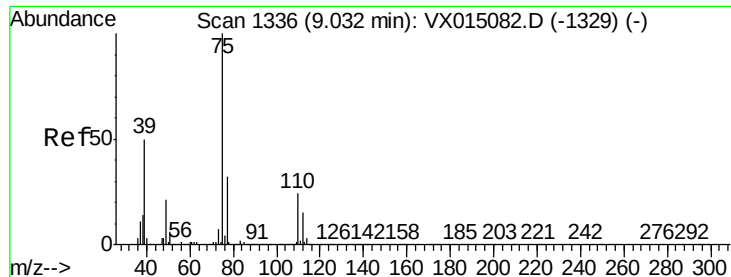
MMDadoda
3/11/2020 4:45:23 PM



#52
Toluene
Concen: 20.905 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.0	136.9	205.3





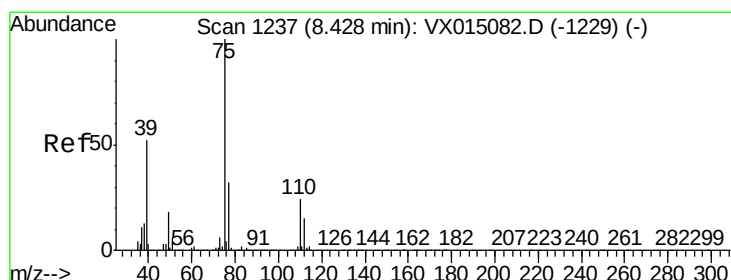
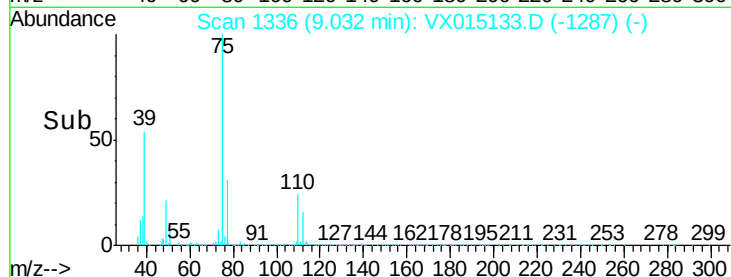
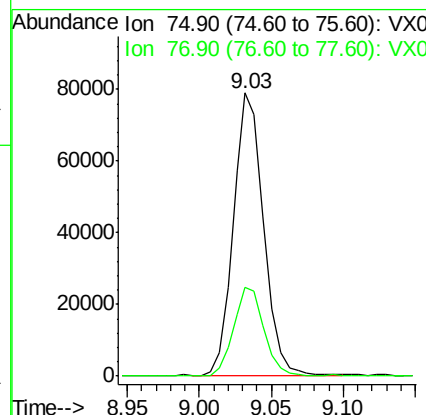
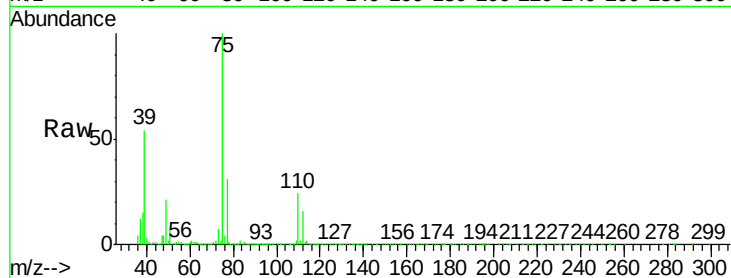
#53
t-1,3-Dichloropropene
Concen: 21.108 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.4	38.0

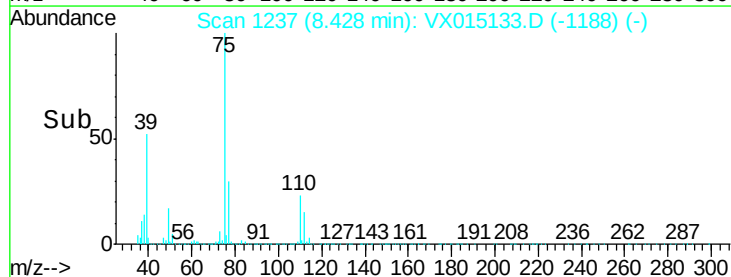
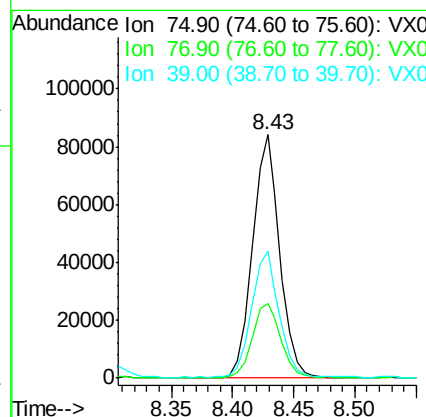
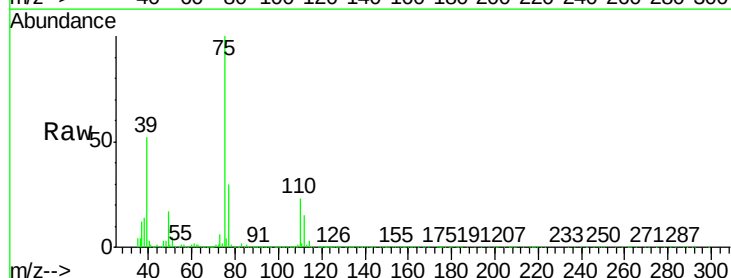
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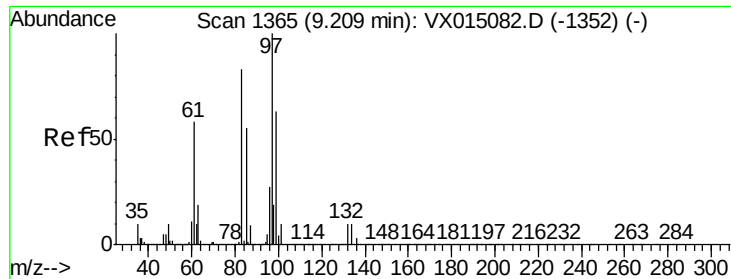
MMDadoda
3/11/2020 4:45:23 PM



#54
cis-1,3-Dichloropropene
Concen: 20.798 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.8	38.6
39	51.9	41.3	61.9





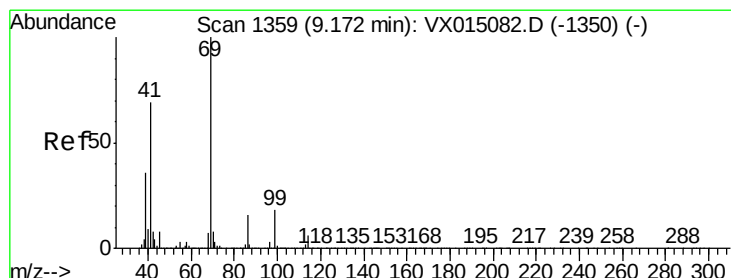
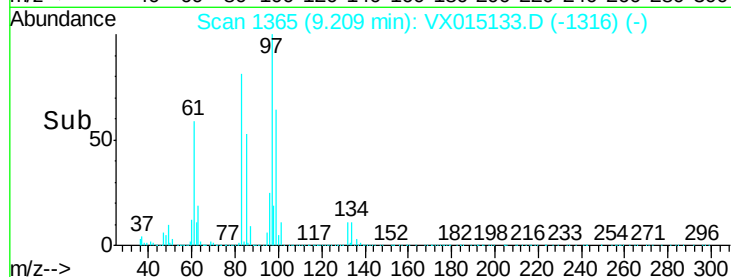
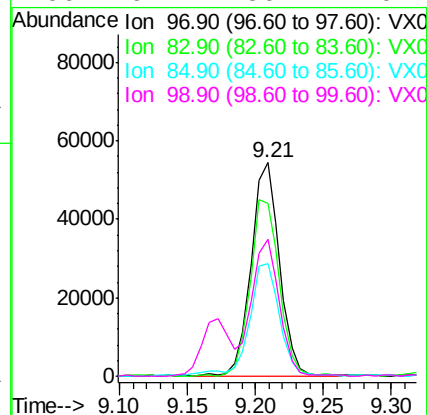
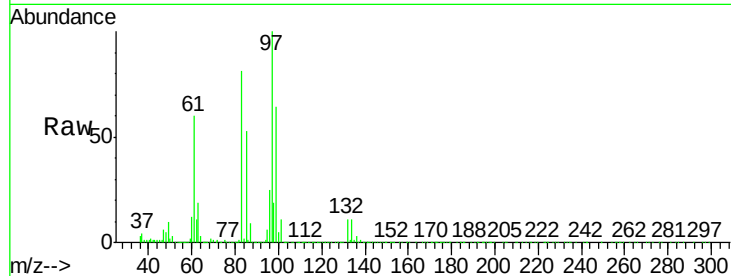
#55
 1,1,2-Trichloroethane
 Concen: 20.174 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		78937		
83	81.1	66.4	99.6		
85	52.7	43.5	65.3		
99	64.1	50.7	76.1		

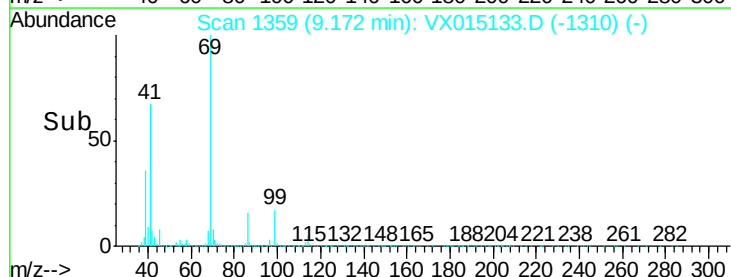
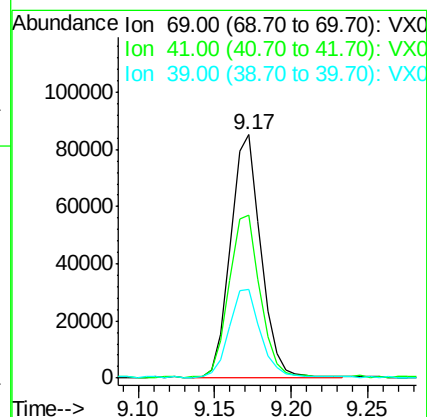
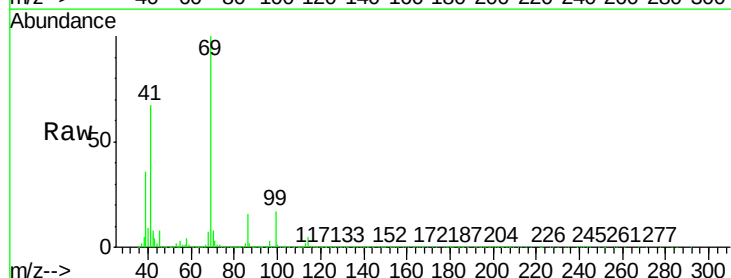
Manual Integrations
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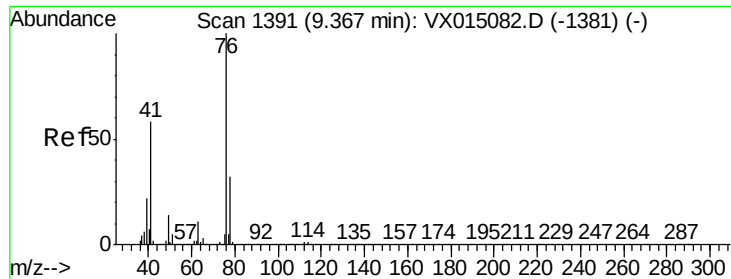
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 3/11/2020 4:45:23 PM



#56
 Ethyl methacrylate
 Concen: 20.928 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		116801		
41	68.3	55.8	83.8		
39	37.3	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 20.930 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion: 76 Resp: 137780

Ion Ratio Lower Upper

76 100

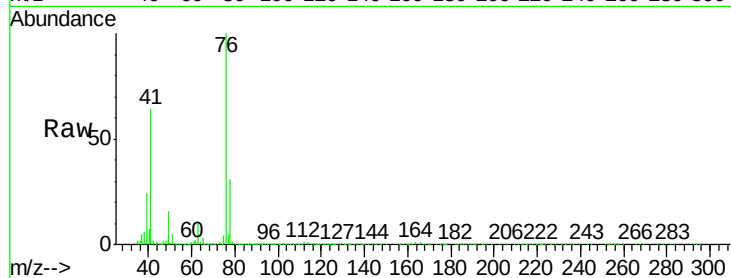
78 32.1 25.6 38.4

Manual Integrations

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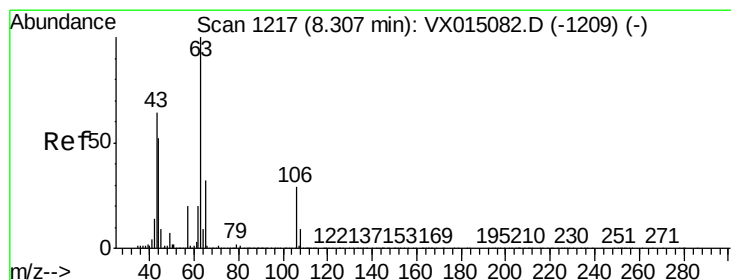
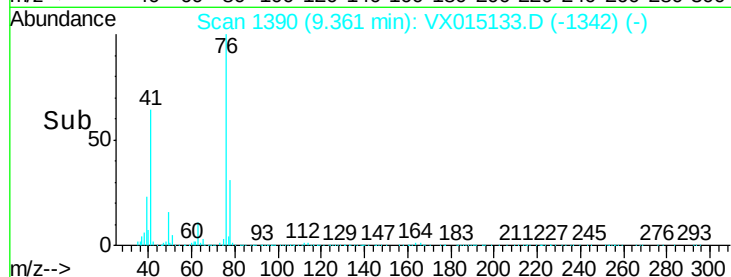
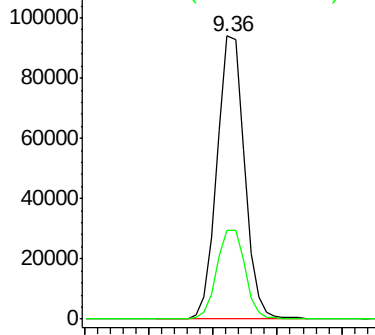
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.458 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015133.D

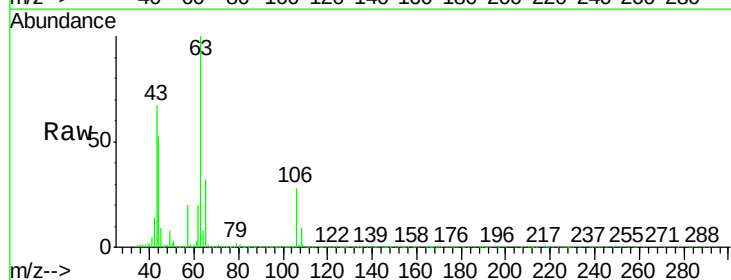
Acq: 09 Mar 2020 11:24

Tgt Ion: 63 Resp: 302397

Ion Ratio Lower Upper

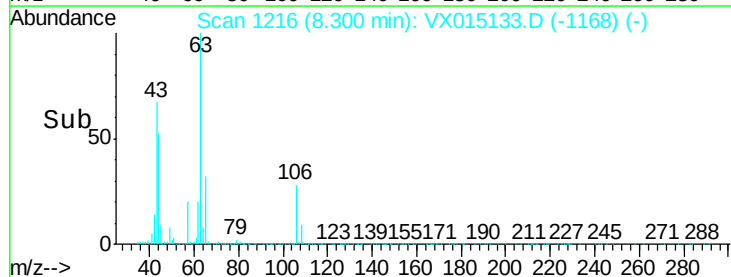
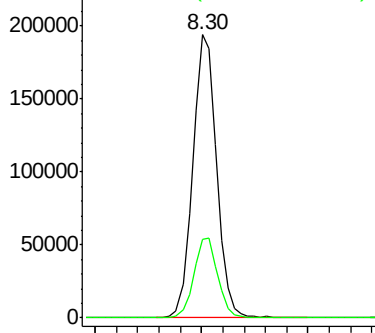
63 100

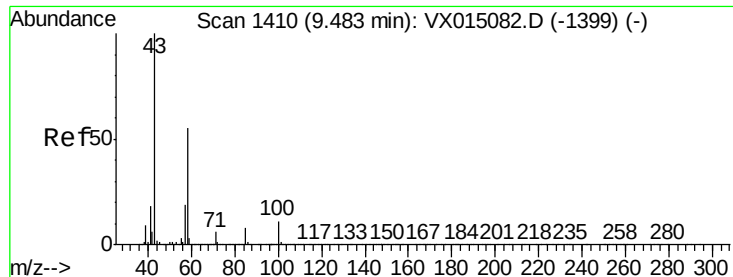
106 28.1 22.8 34.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





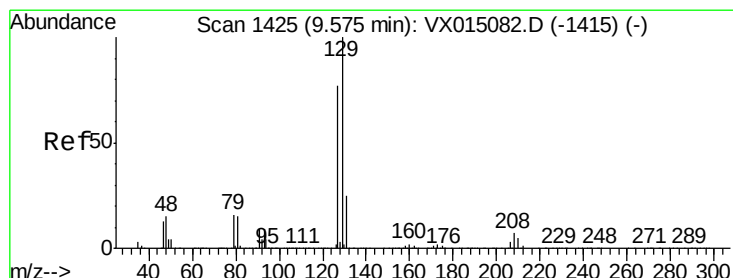
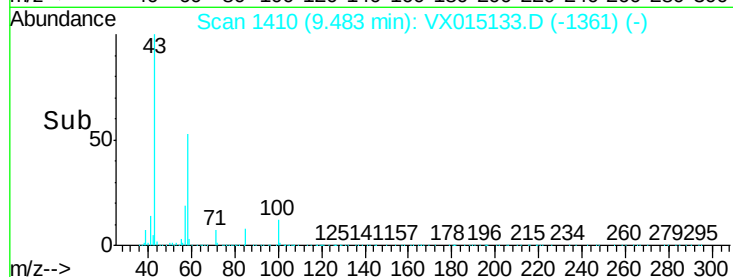
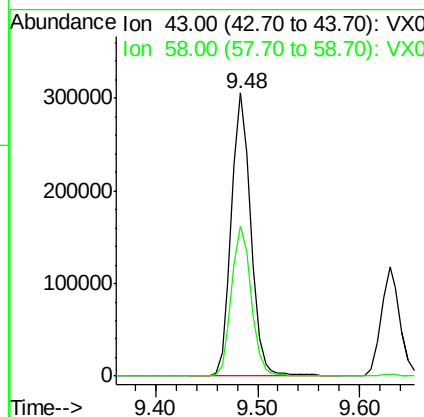
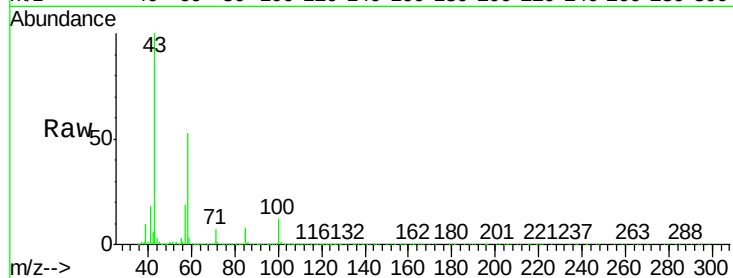
#59
2-Hexanone
Concen: 106.612 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.0	27.3	81.8

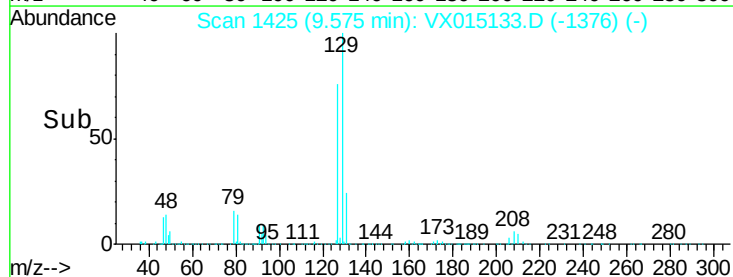
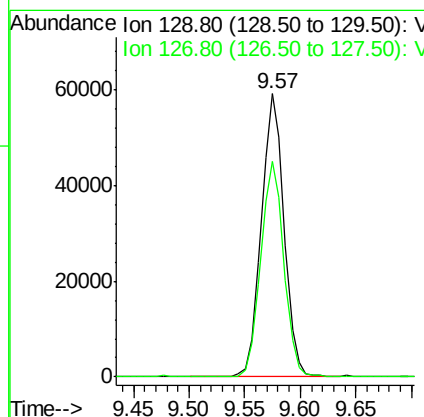
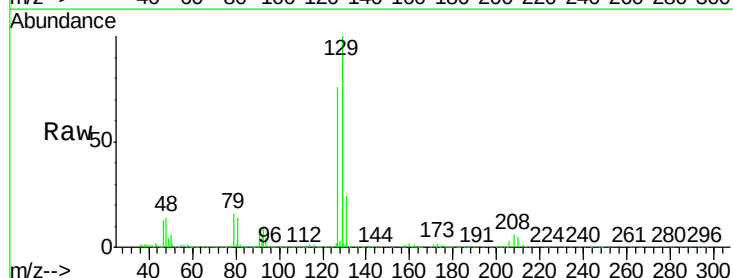
Manual Integrations
APPROVED

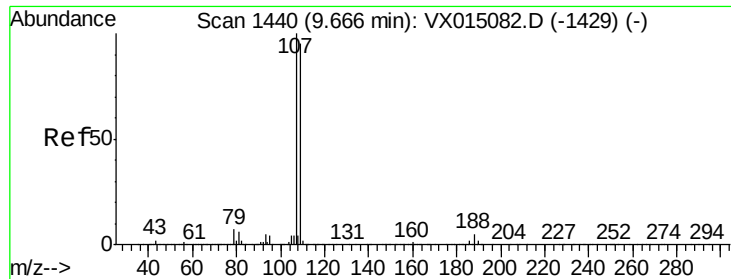
MMDadoda
3/11/2020 4:45:23 PM



#60
Dibromochloromethane
Concen: 20.638 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	38.8	116.3





#61

1,2-Dibromoethane

Concen: 20.070 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion:107 Resp: 82486

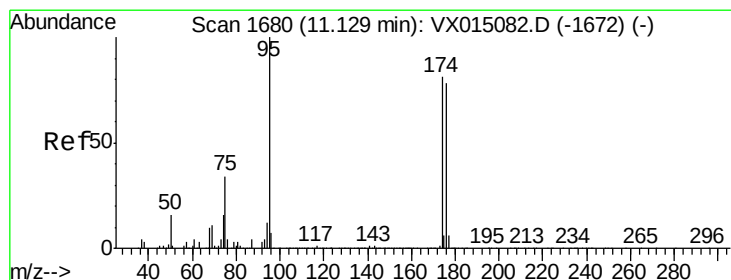
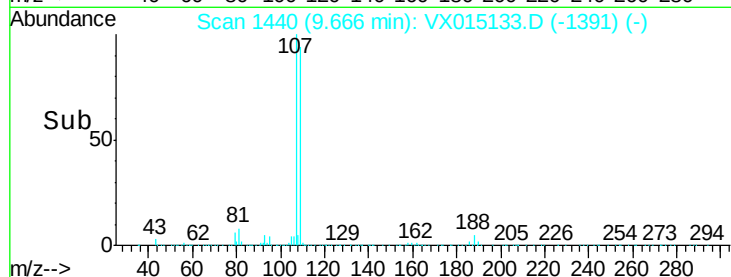
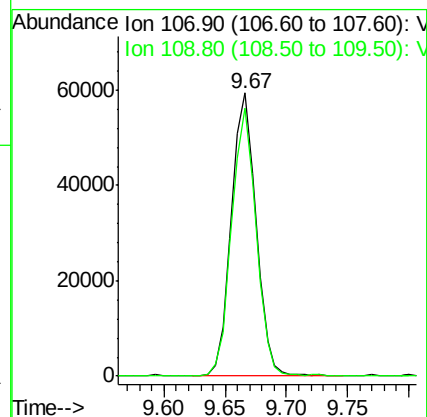
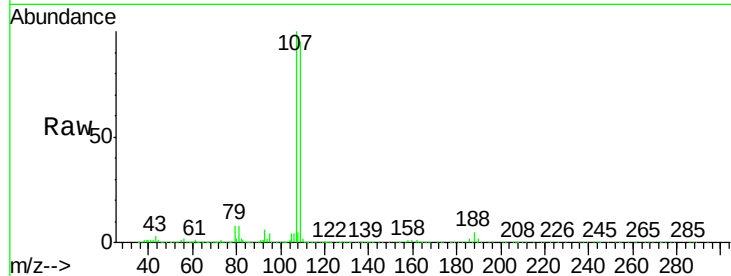
Ion Ratio Lower Upper

107 100

109 95.0 75.6 113.4

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 48.852 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

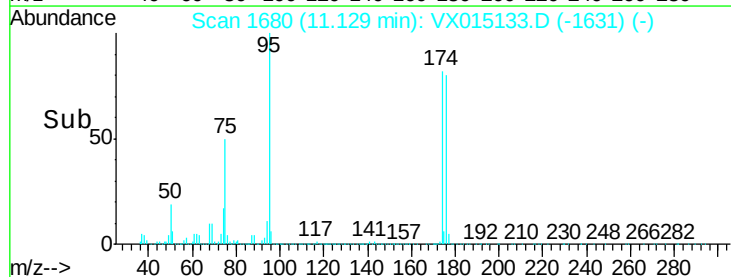
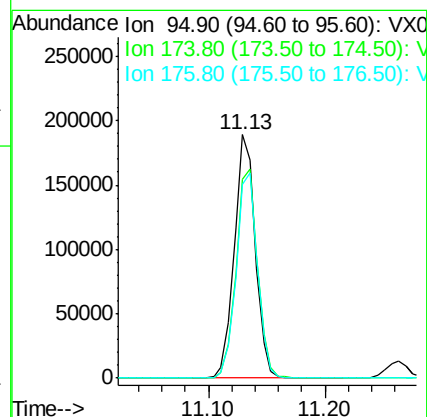
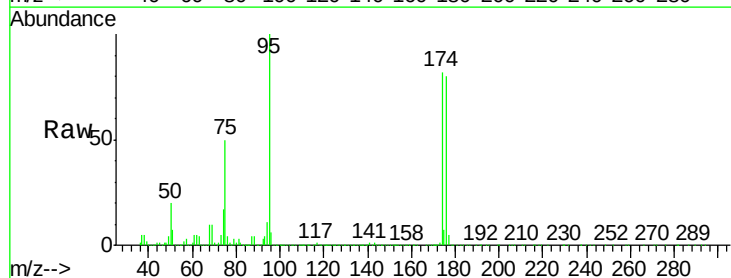
Tgt Ion: 95 Resp: 237039

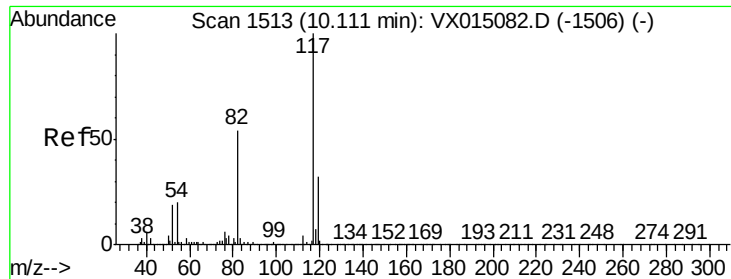
Ion Ratio Lower Upper

95 100

174 87.9 0.0 177.6

176 86.0 0.0 170.2





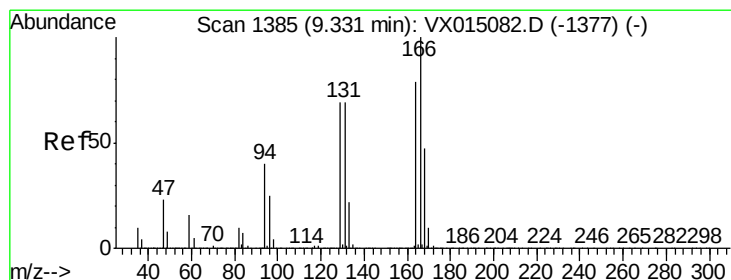
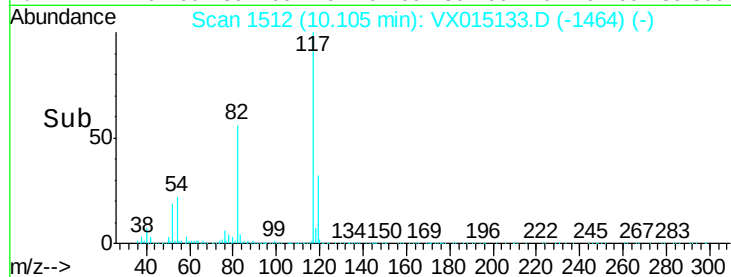
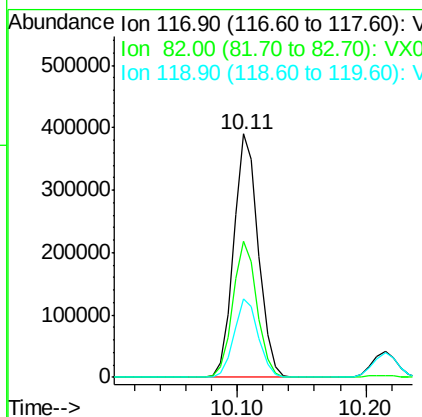
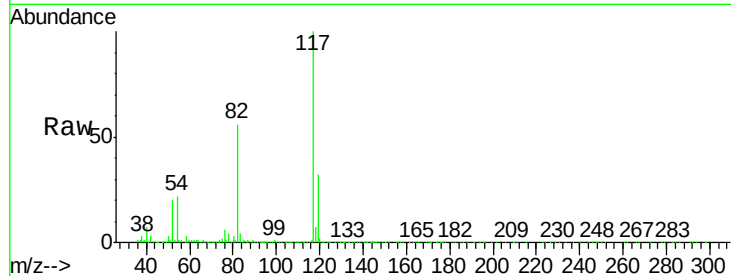
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampled :
VX0309WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	517265		
82	55.7	43.3	64.9	
119	32.2	25.8	38.8	

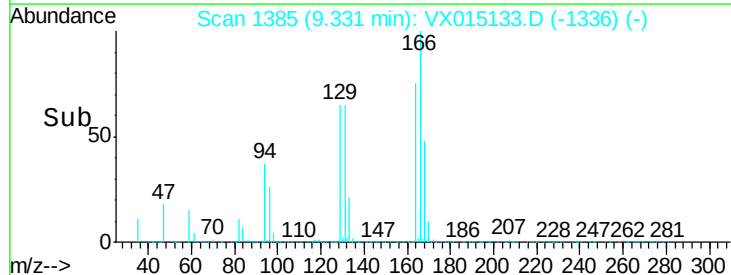
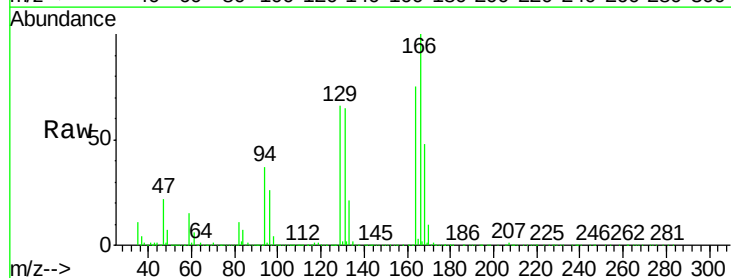
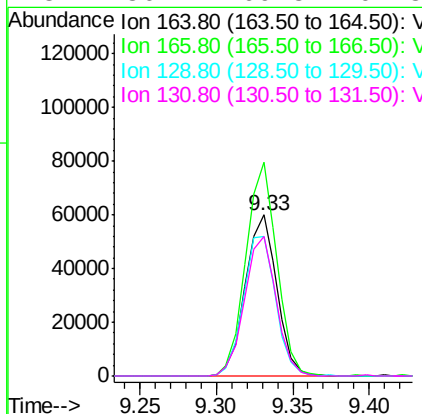
Manual Integrations
APPROVED

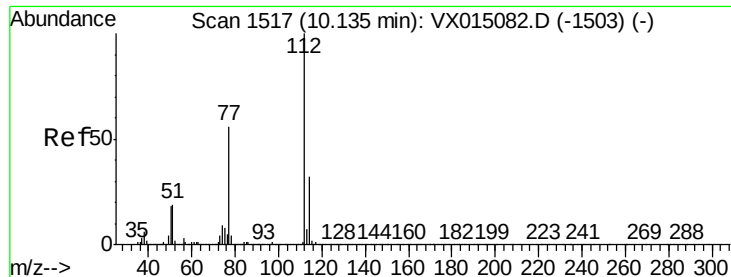
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#64
Tetrachloroethene
Concen: 20.088 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	85913		
166	132.8	101.1	151.7	
129	87.0	69.4	104.0	
131	86.2	69.8	104.8	





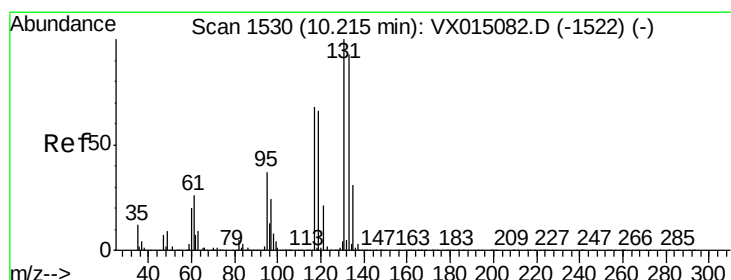
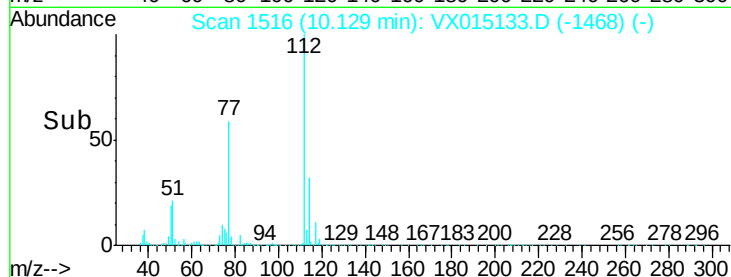
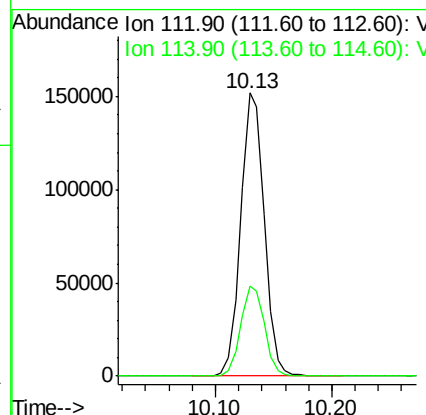
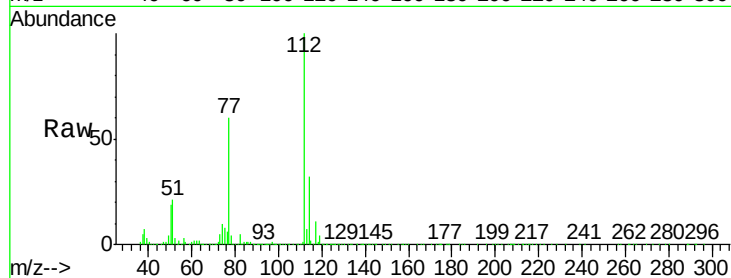
#65
Chlorobenzene
Concen: 20.653 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3

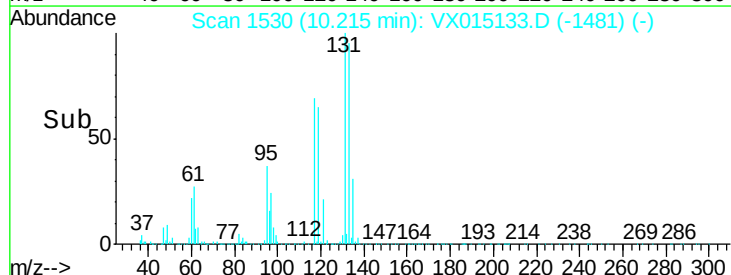
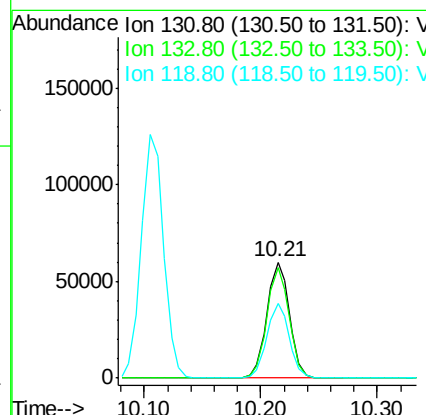
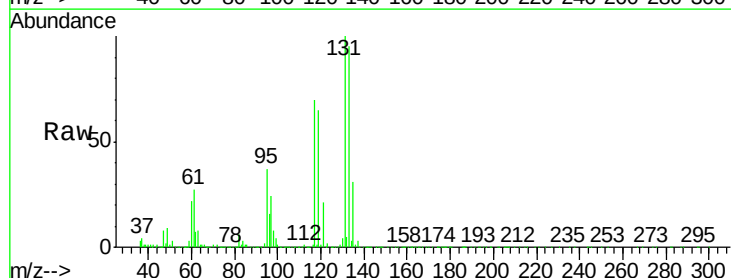
Manual Integrations
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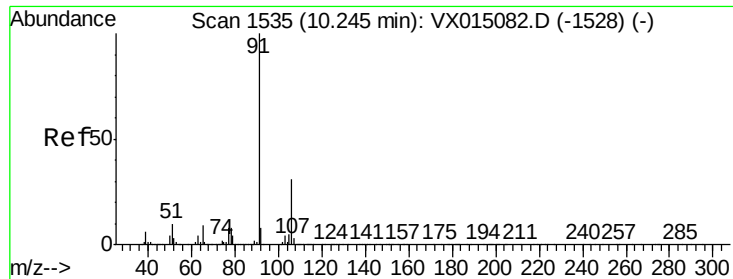
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.762 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.3	47.5	142.5
119	64.0	33.4	100.1





#67

Ethyl Benzene

Concen: 21.033 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion: 91 Resp: 370906

Ion Ratio Lower Upper

91 100

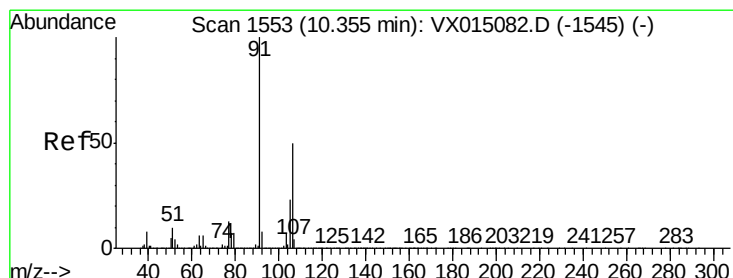
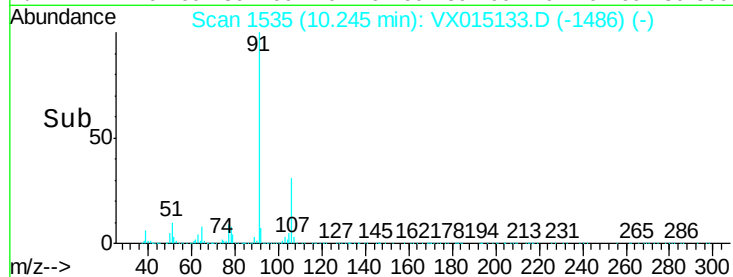
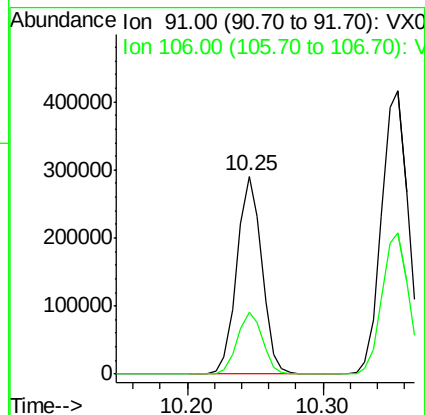
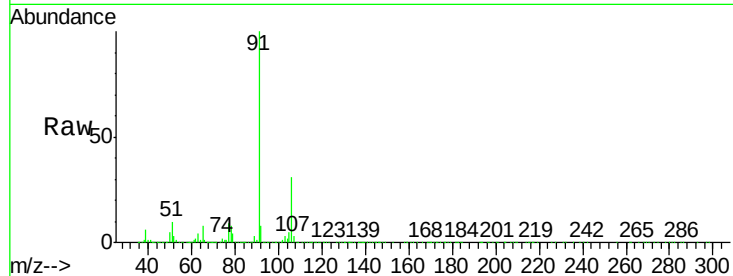
106 31.3 24.9 37.3

Manual Integrations

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#68

m/p-Xylenes

Concen: 41.962 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015133.D

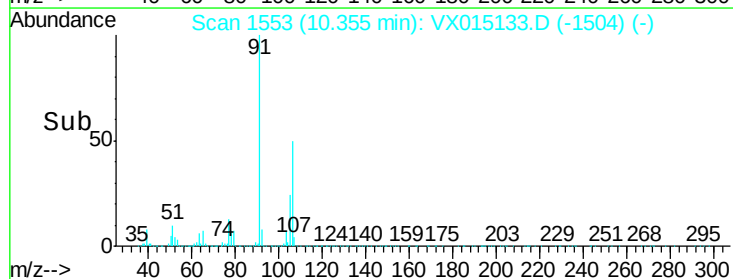
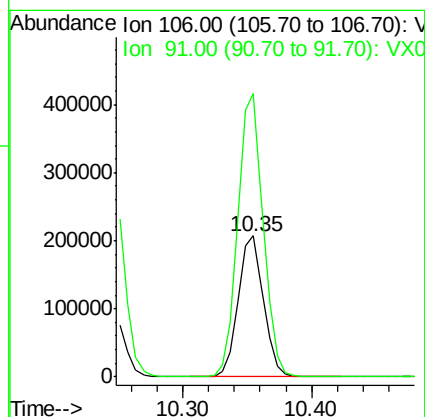
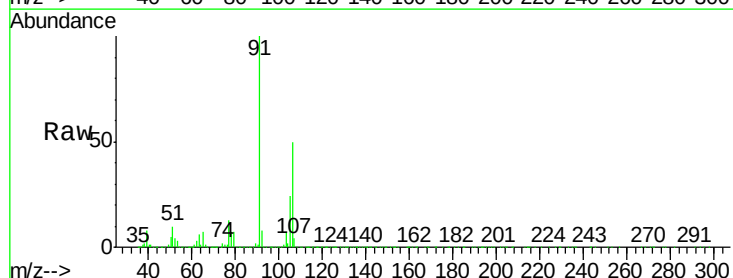
Acq: 09 Mar 2020 11:24

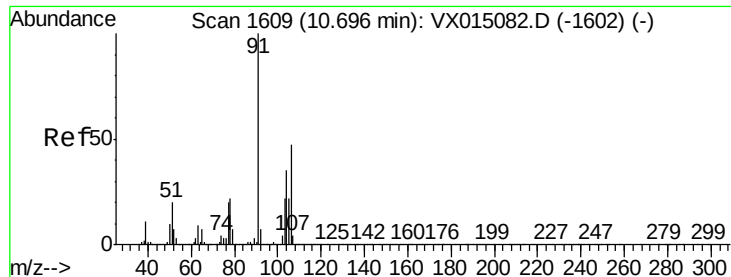
Tgt Ion: 106 Resp: 281539

Ion Ratio Lower Upper

106 100

91 202.1 159.4 239.2





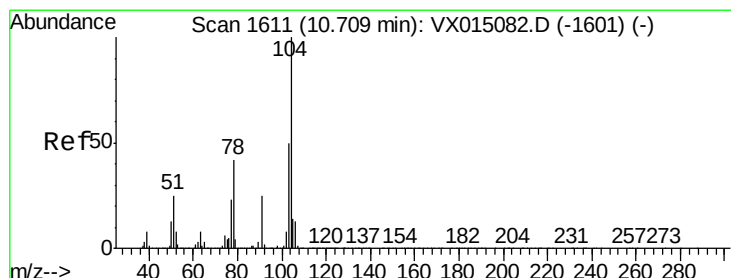
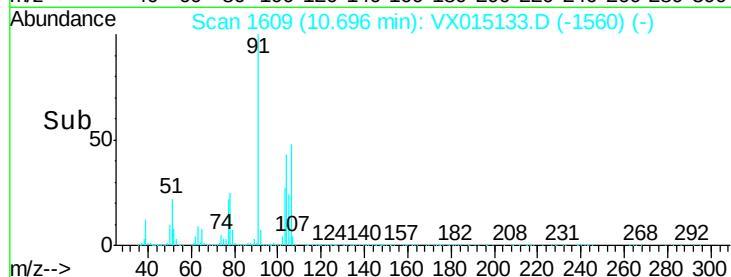
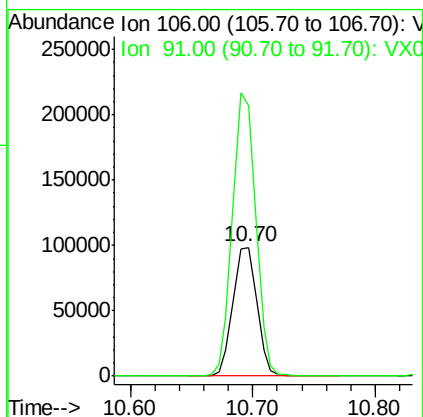
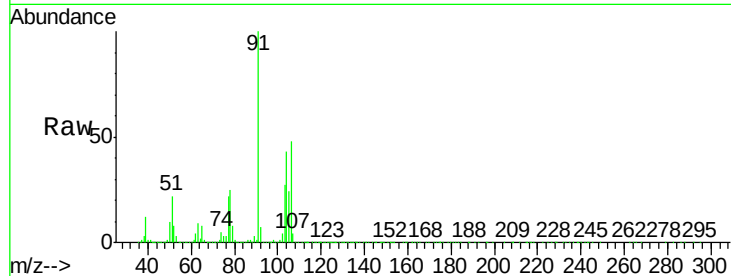
#69
o-Xylene
Concen: 20.766 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	133393		
91	213.1	105.4	316.1	

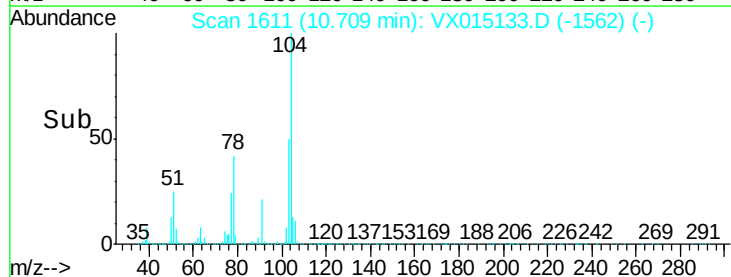
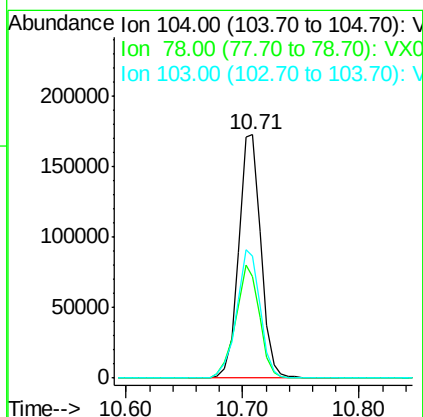
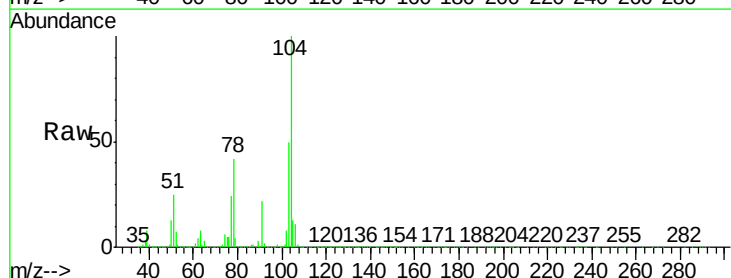
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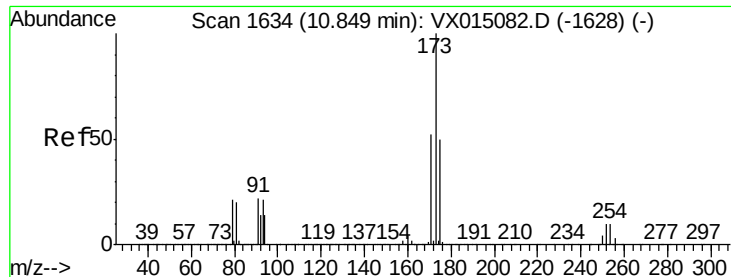
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#70
Styrene
Concen: 20.857 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	229720		
78	49.2	39.0	58.4	
103	55.9	43.7	65.5	





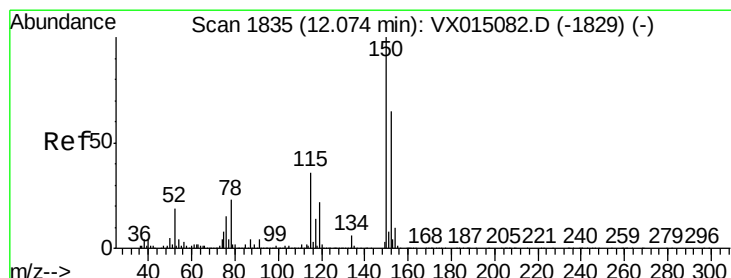
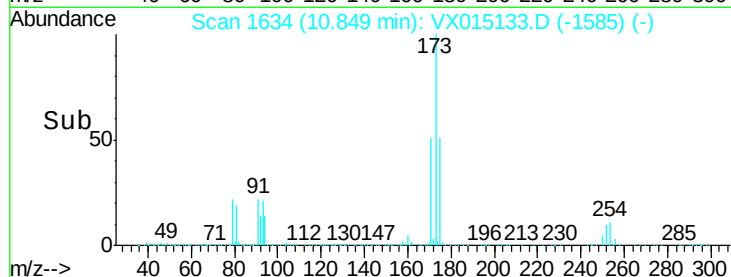
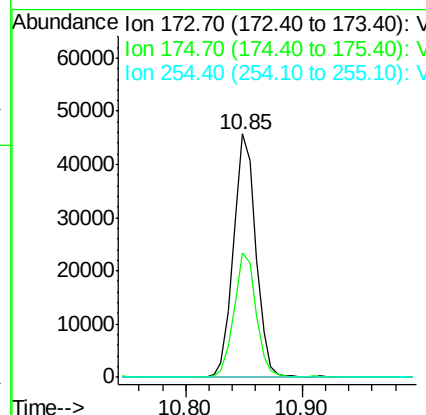
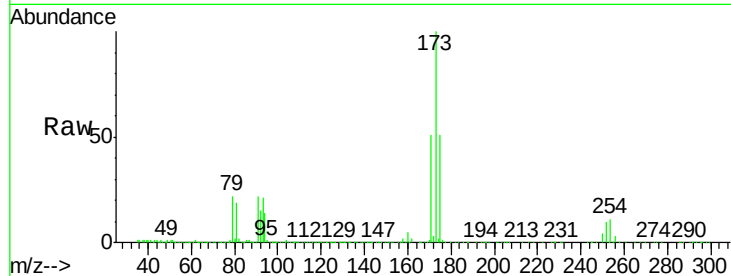
#71
Bromoform
Concen: 20.256 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	24.9	74.7
254	0.2	0.2	0.2

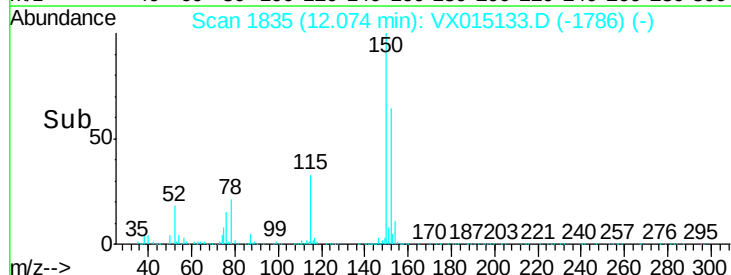
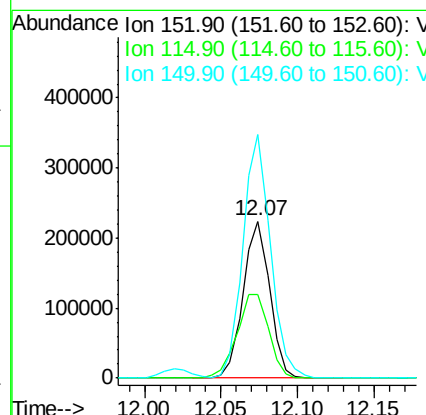
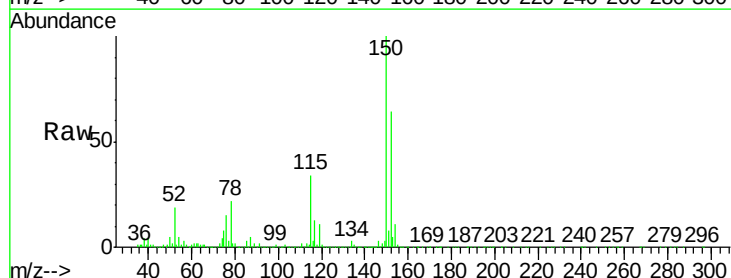
Manual Integrations
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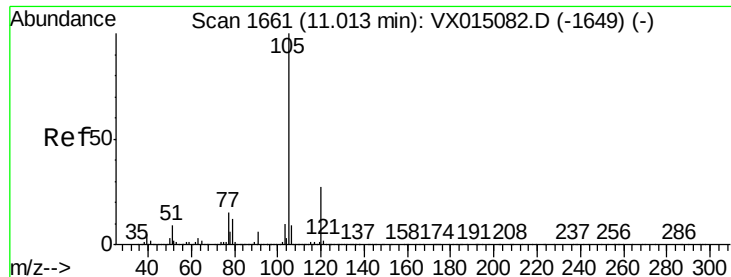
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.9	38.2	114.6
150	161.8	0.0	343.8





#73

Isopropylbenzene

Concen: 21.347 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion:105 Resp: 366562

Ion Ratio Lower Upper

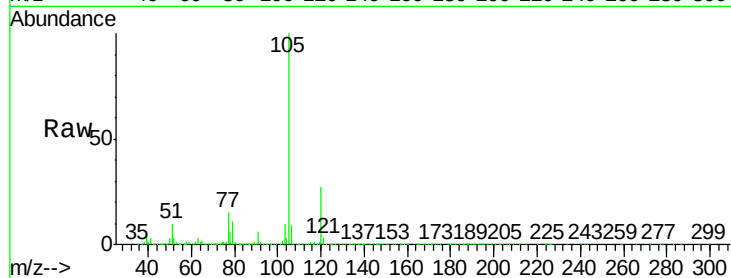
105 100

120 26.8

13.5 40.5

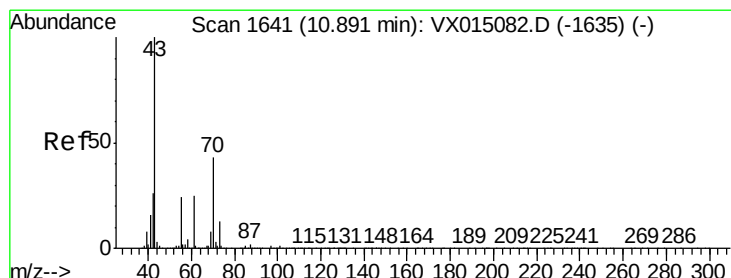
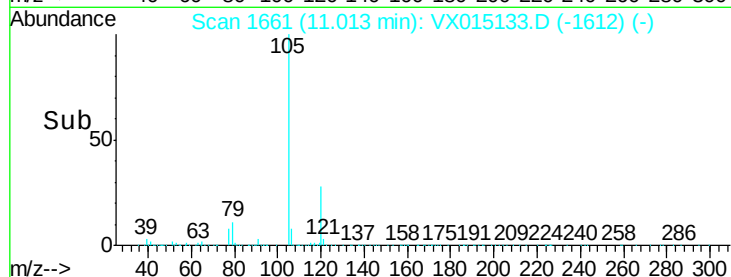
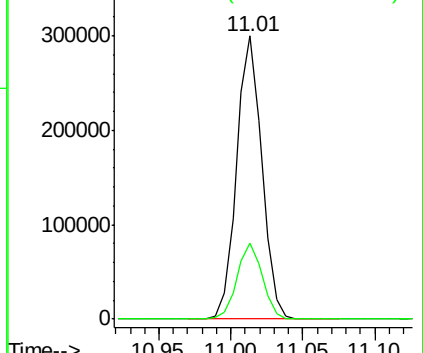
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.118 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion: 43 Resp: 145587

Ion Ratio Lower Upper

43 100

70 42.9 34.7 52.1

55 24.7 19.4 29.0

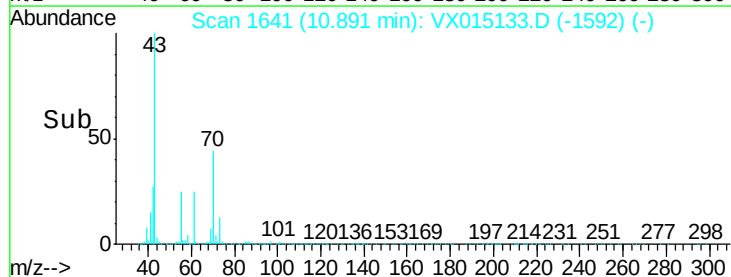
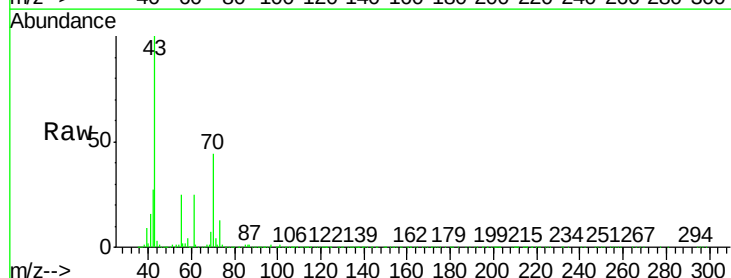
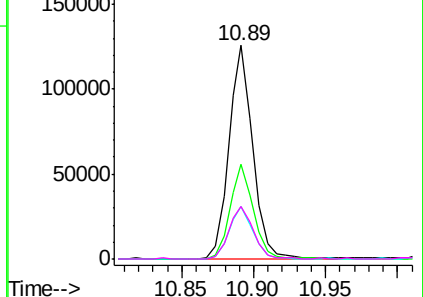
61 24.9 19.0 28.6

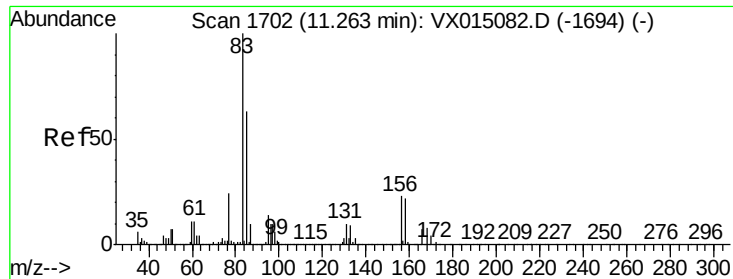
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.285 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

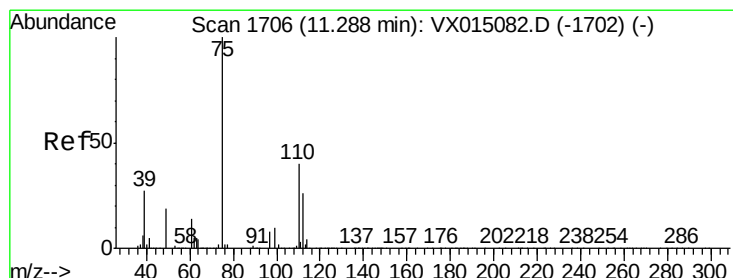
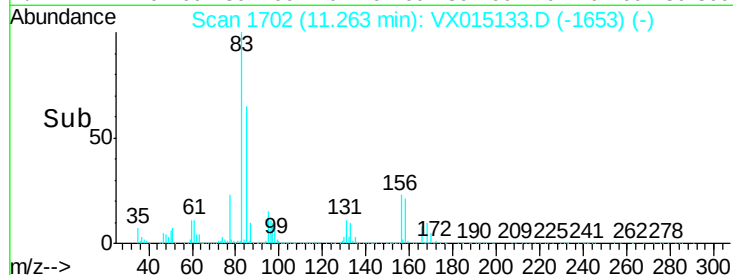
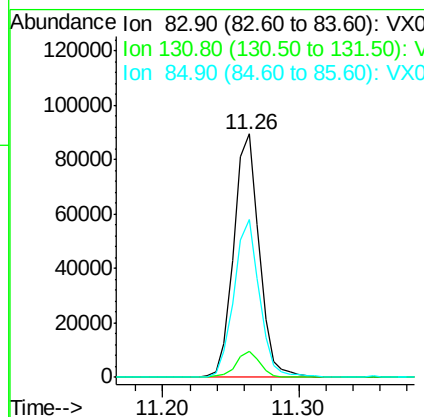
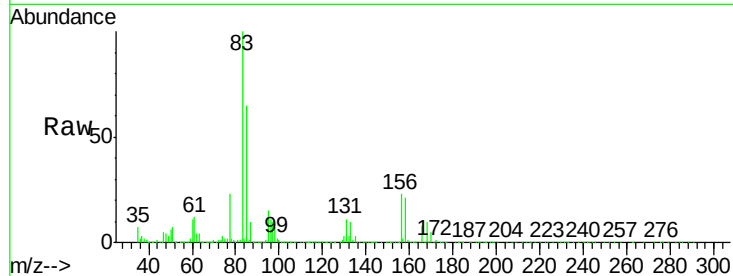
ClientSampleId :

VX0309WBS01

Tot Ion:	83	Resp:	116088
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.0	14.9
85	65.4	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 17.990 ug/l m

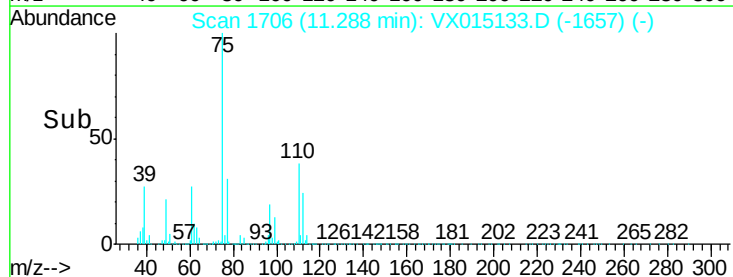
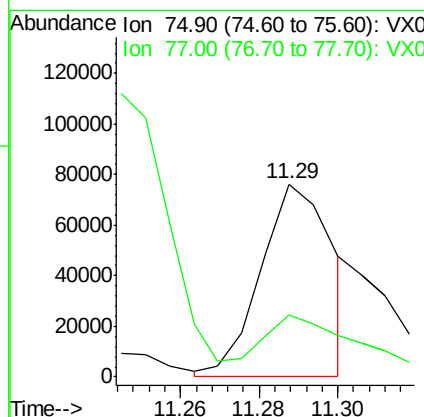
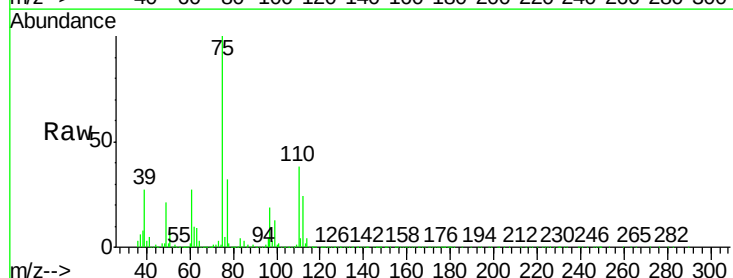
RT: 11.29 min Scan# 1706

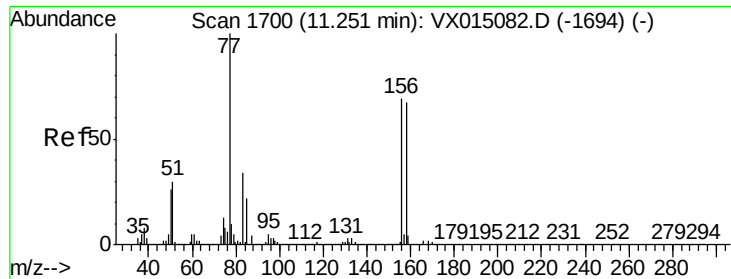
Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	75	Resp:	96462
Ion Ratio	Lower	Upper	
75	100		
77	43.7	22.6	67.8





#77

Bromobenzene

Concen: 20.410 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

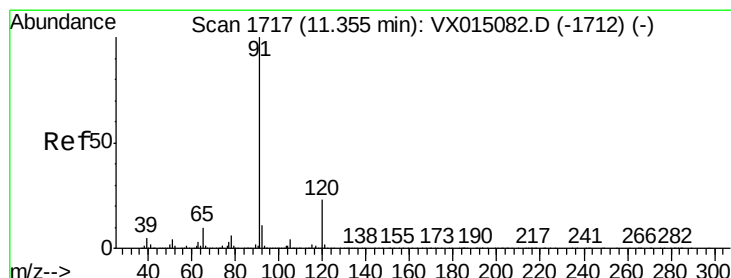
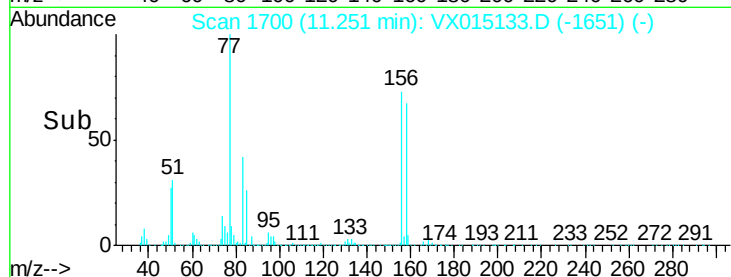
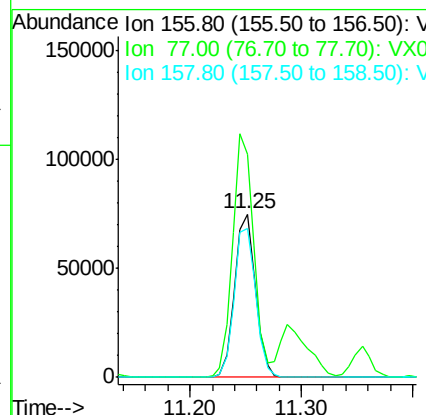
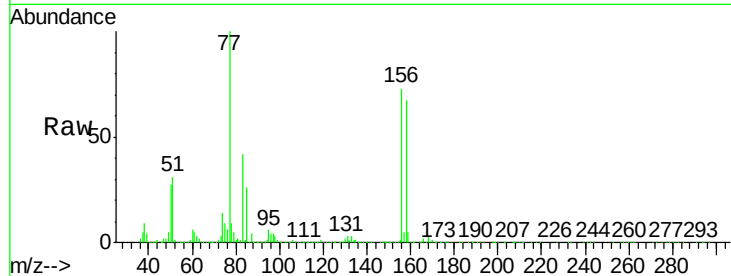
ClientSampleId :

VX0309WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.7	75.3	225.9
158	95.0	48.5	145.6

Manual Integrations
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#78

n-propylbenzene

Concen: 21.684 ug/l

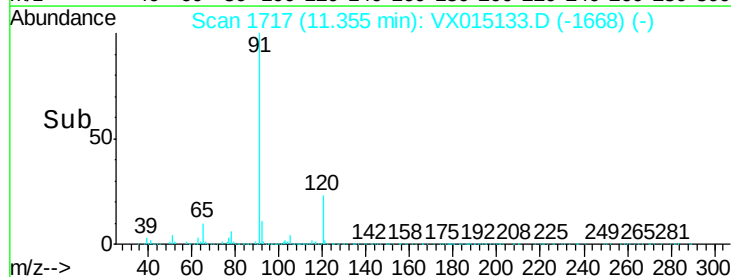
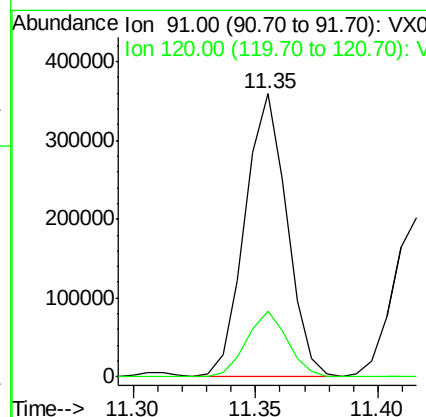
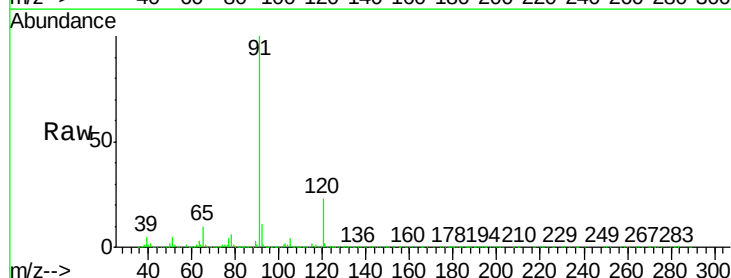
RT: 11.35 min Scan# 1717

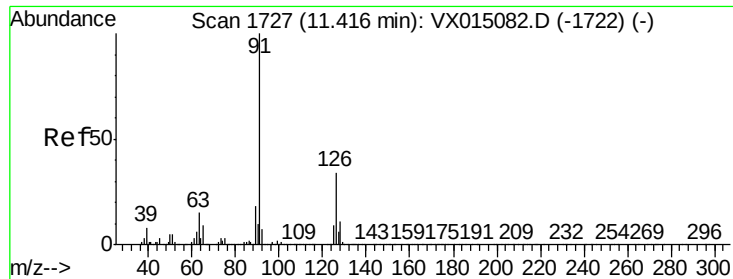
Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.7	35.1





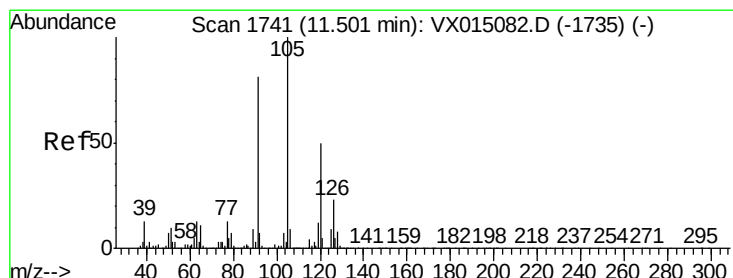
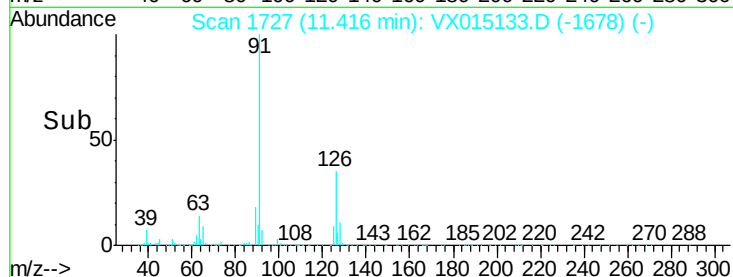
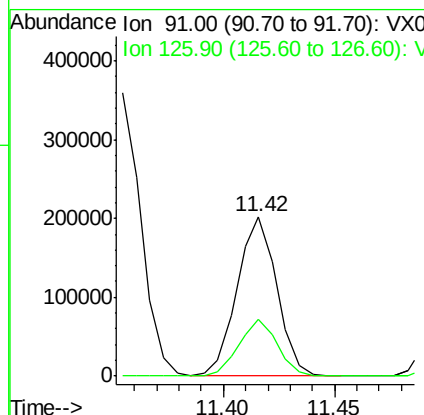
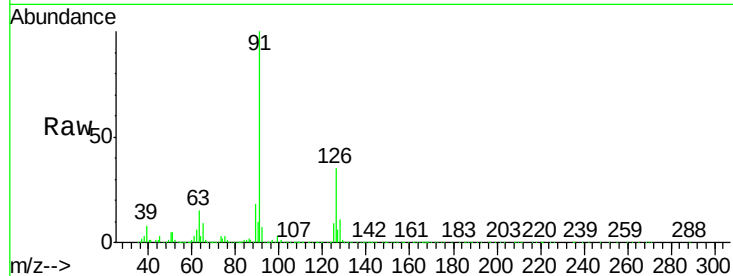
#79
2-Chlorotoluene
Concen: 21.323 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion: 91 Resp: 249819
Ion Ratio Lower Upper
91 100
126 34.7 17.3 52.0

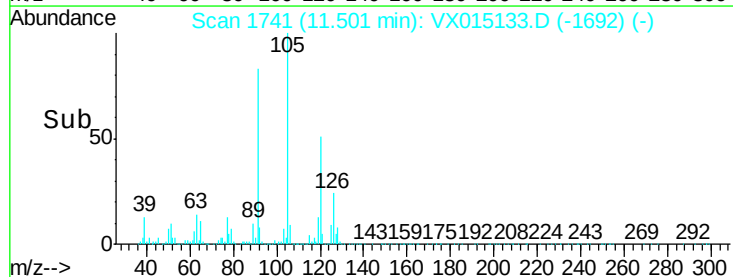
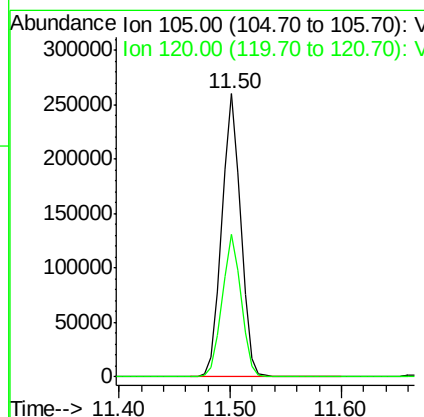
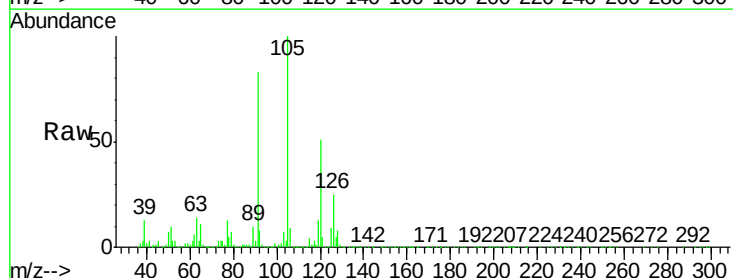
Manual Integrations
APPROVED

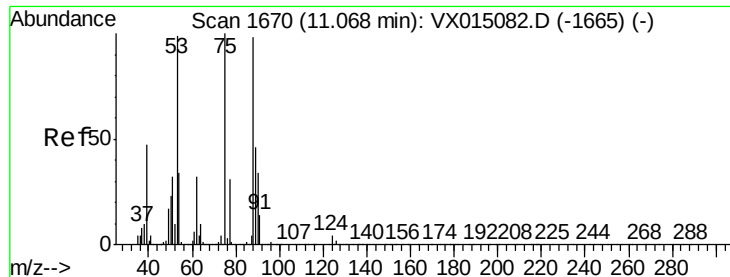
MMDadoda
3/11/2020 4:45:23 PM



#80
1,3,5-Trimethylbenzene
Concen: 21.379 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion: 105 Resp: 305605
Ion Ratio Lower Upper
105 100
120 50.4 25.1 75.4





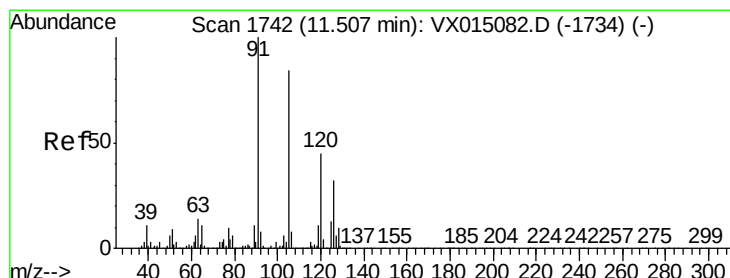
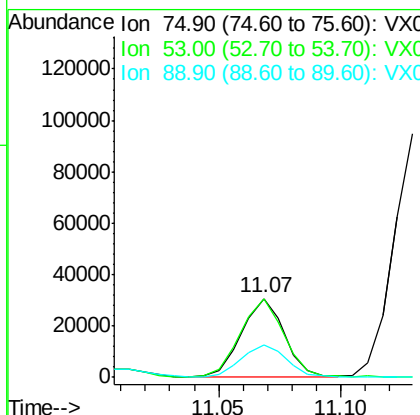
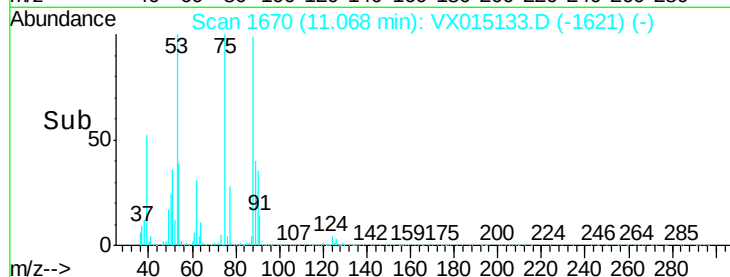
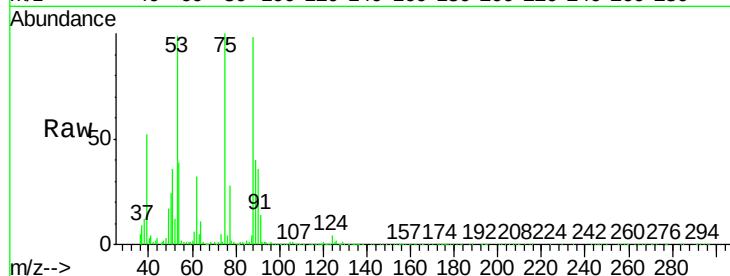
#81
trans-1,4-Dichloro-2-butene
Concen: 19.491 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.7	77.9	116.9
89	45.7	36.2	54.2

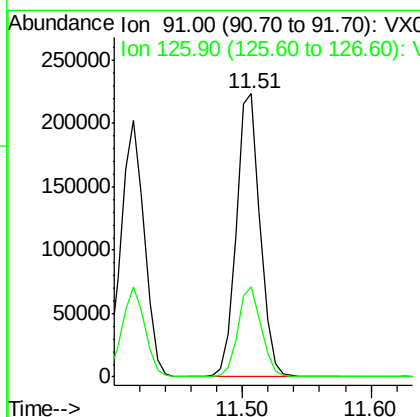
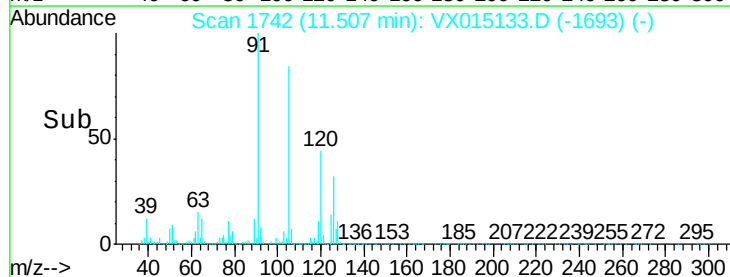
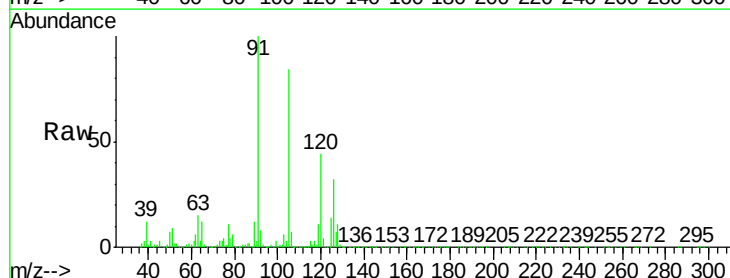
Manual Integrations
APPROVED

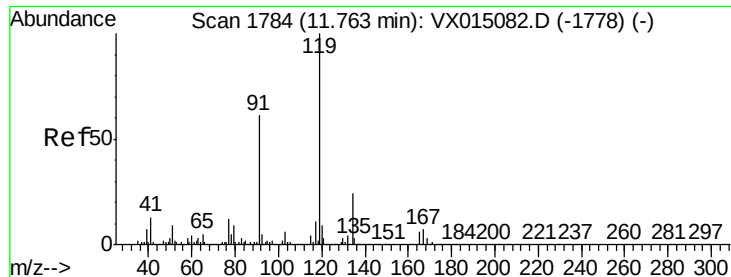
MMDadoda
3/11/2020 4:45:23 PM



#82
4-Chlorotoluene
Concen: 20.611 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.2





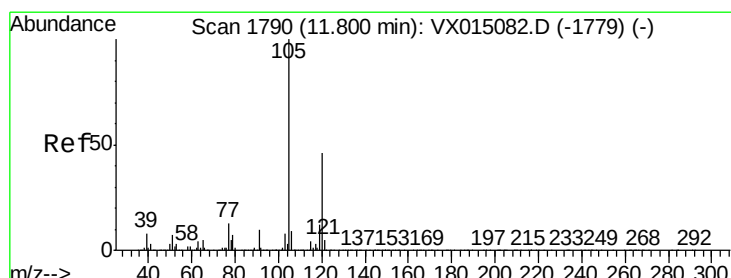
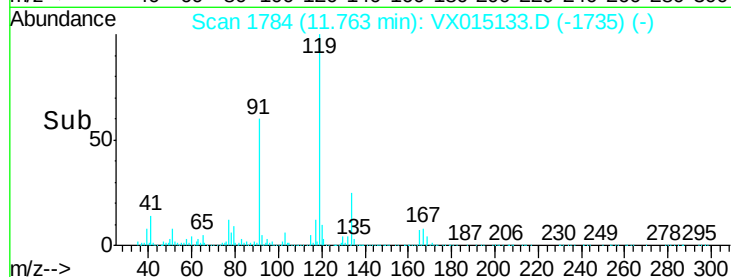
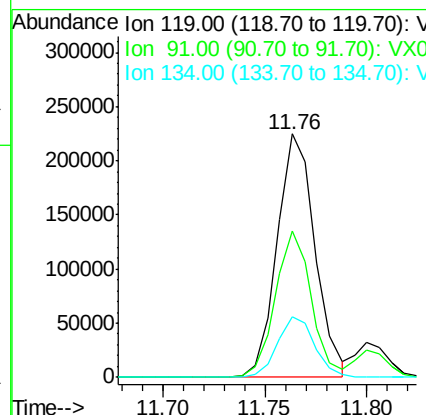
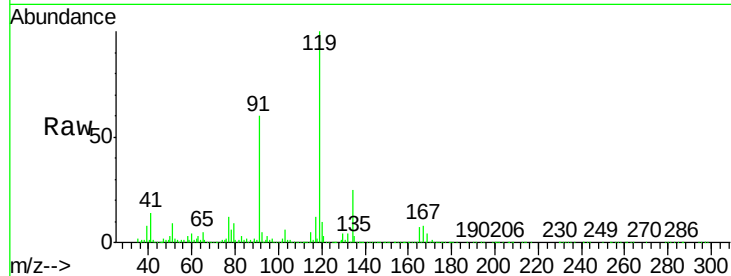
#83
tert-Butylbenzene
Concen: 21.098 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	291617		
91	56.8	28.5	85.6	
134	24.3	11.9	35.7	

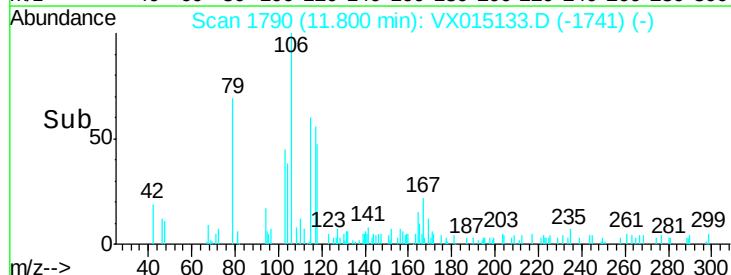
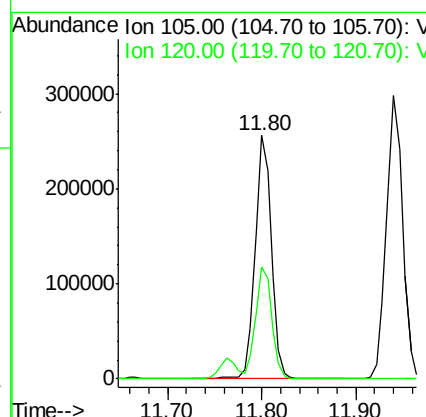
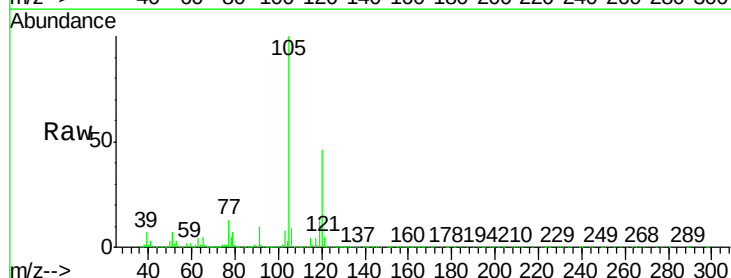
Manual Integrations
APPROVED

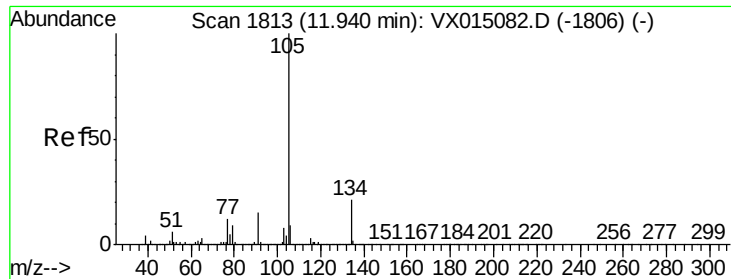
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3/11/2020 4:45:23 PM



#84
1,2,4-Trimethylbenzene
Concen: 21.625 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	310541		
120	45.7	22.9	68.5	





#85

sec-Butylbenzene

Concen: 21.544 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

ClientSampleId :

VX0309WBS01

Tot Ion:105 Resp: 359478

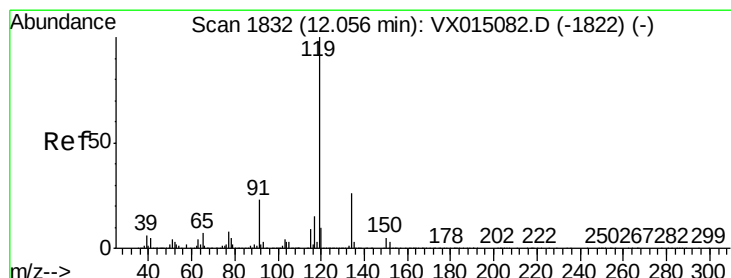
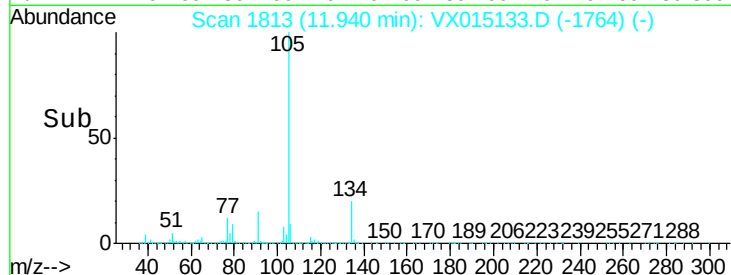
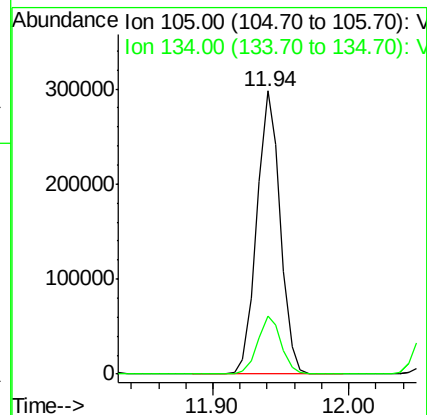
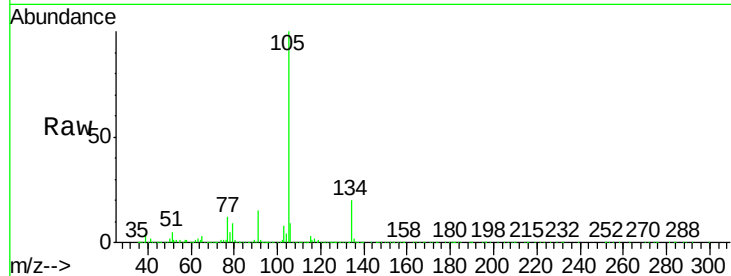
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2

Manual Integrations
APPROVED

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#86

p-Isopropyltoluene

Concen: 21.437 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

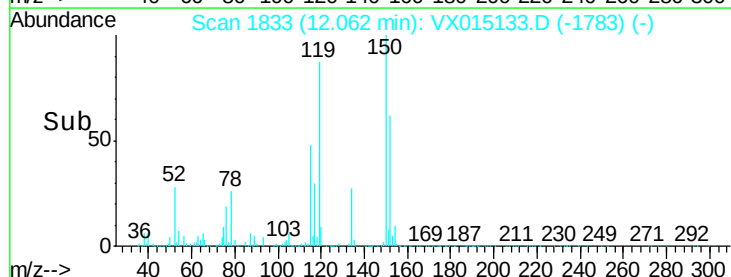
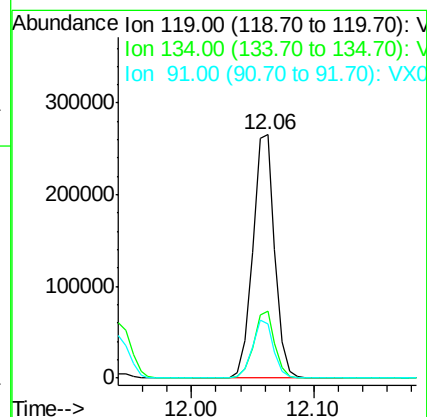
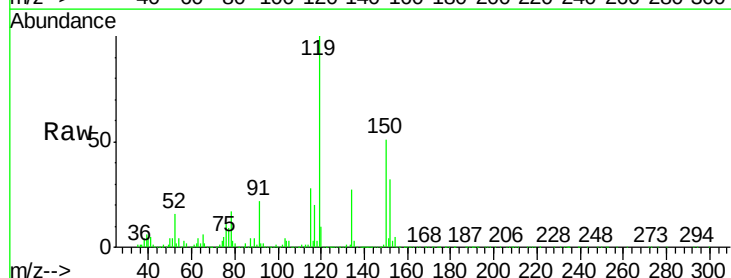
Tgt Ion:119 Resp: 329547

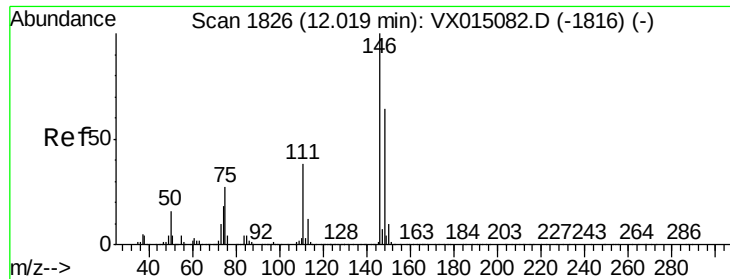
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

91 23.0 11.3 33.8





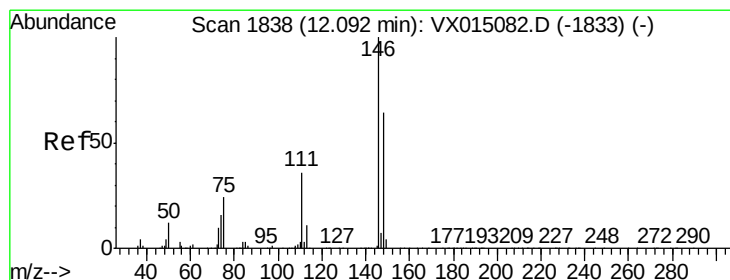
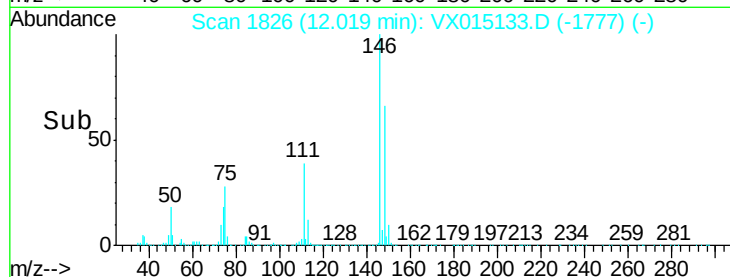
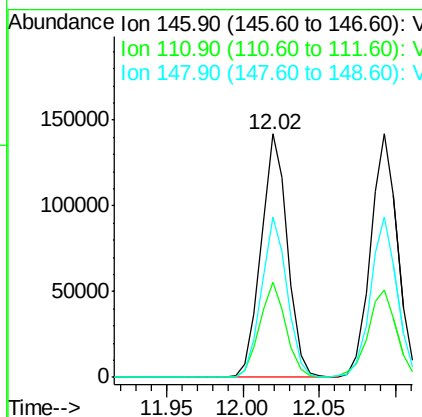
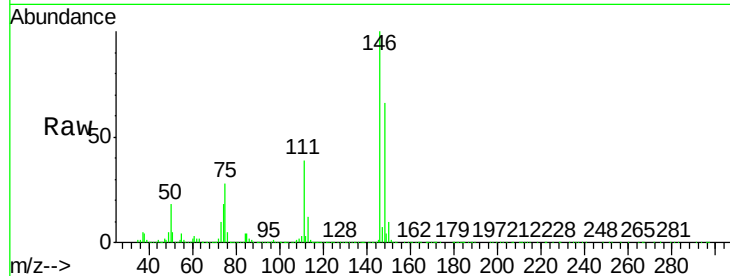
#87
 1,3-Dichlorobenzene
 Concen: 20.373 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.1
148	64.0	31.9	95.5

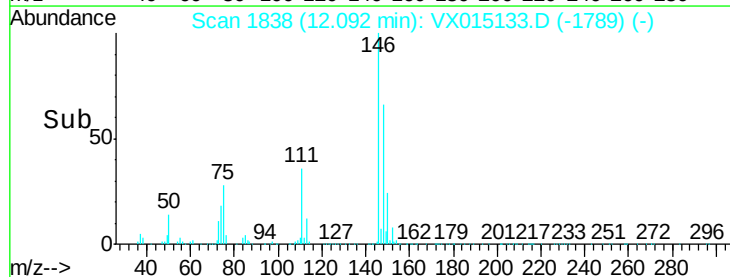
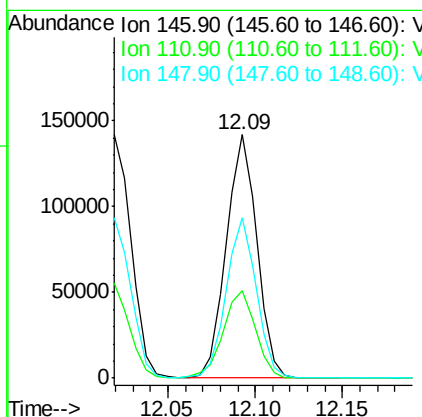
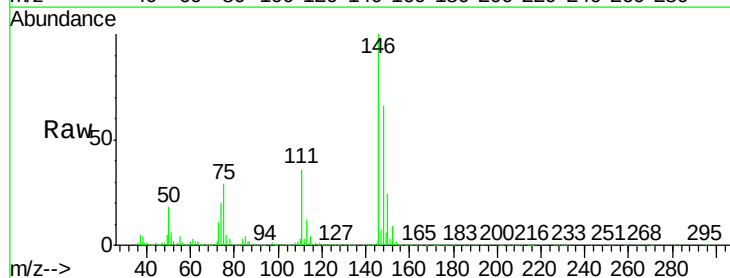
Manual Integrations
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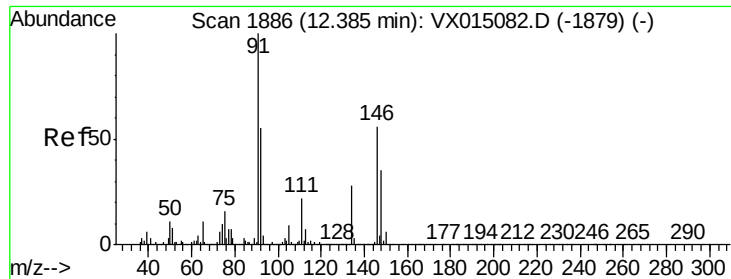
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 3/11/2020 4:45:23 PM



#88
 1,4-Dichlorobenzene
 Concen: 19.829 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.7	56.1
148	65.1	32.5	97.4





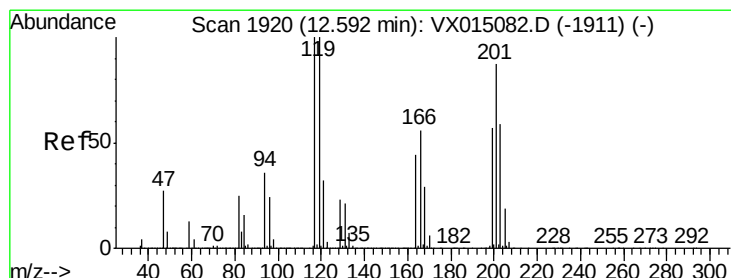
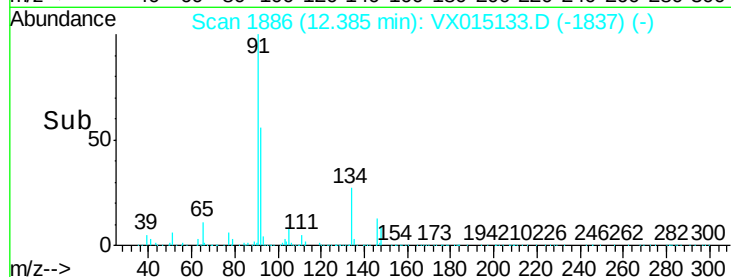
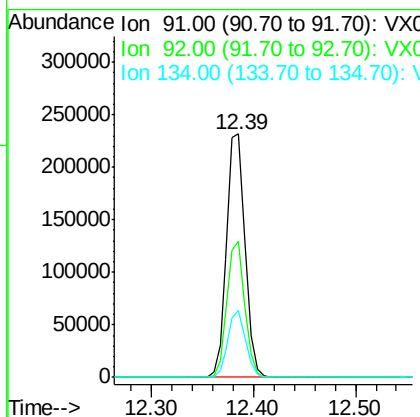
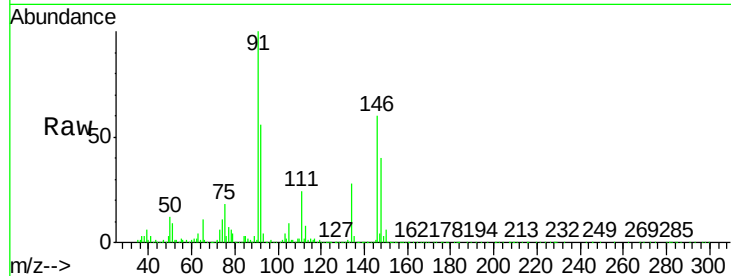
#89
n-Butylbenzene
Concen: 21.201 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0309WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	289872		
92	53.8		27.2	81.6
134	26.4		13.5	40.5

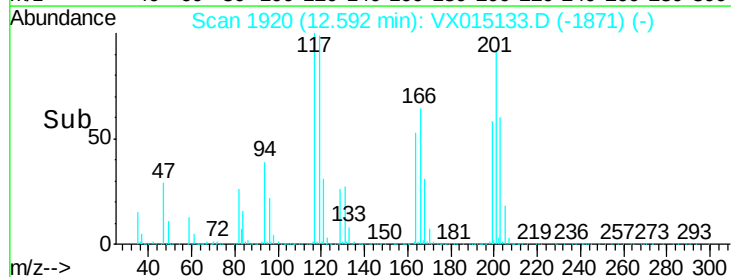
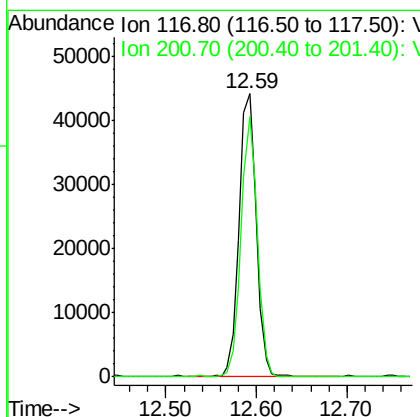
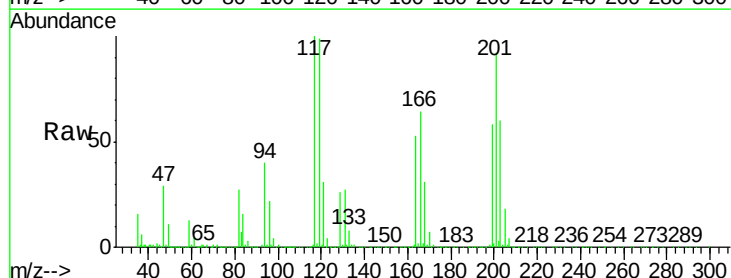
Manual Integrations
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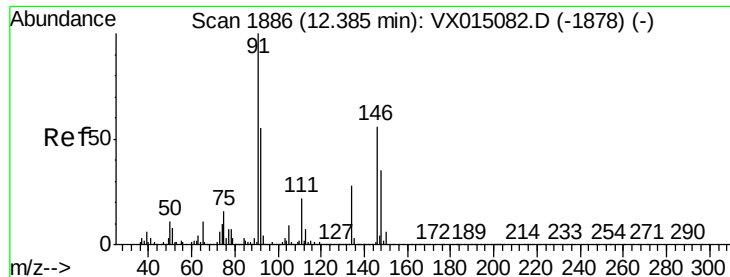
MMDadoda
3/11/2020 4:45:23 PM



#90
Hexachloroethane
Concen: 20.194 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015133.D
Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	58690		
201	86.6		43.5	130.7





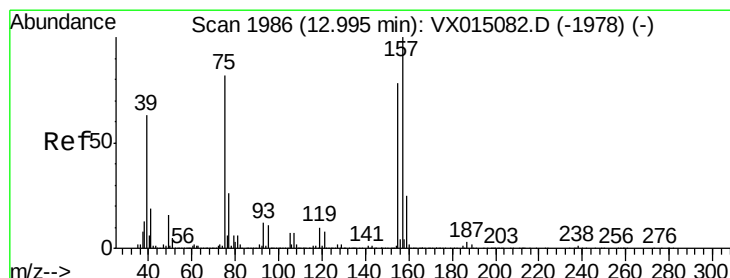
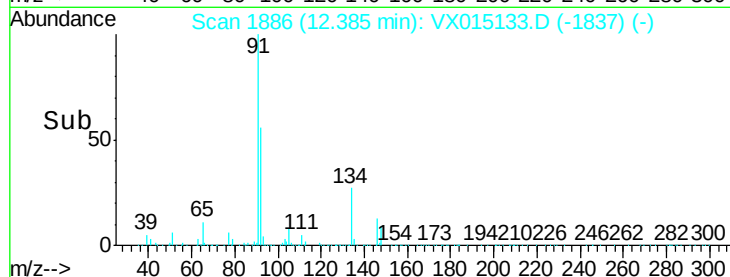
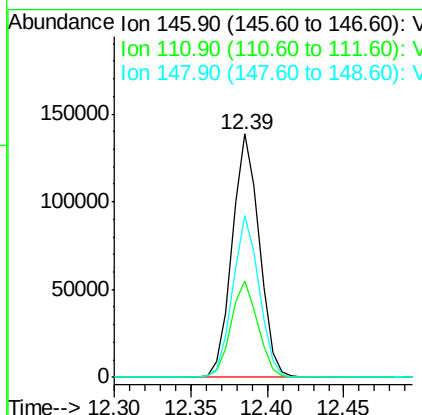
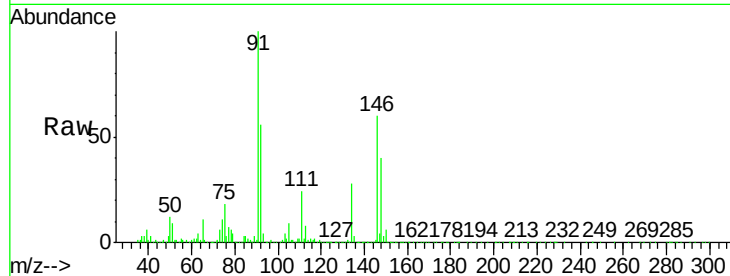
#91
 1,2-Dichlorobenzene
 Concen: 20.317 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	169932		
111	39.5	19.9	59.7	
148	64.6	32.3	96.8	

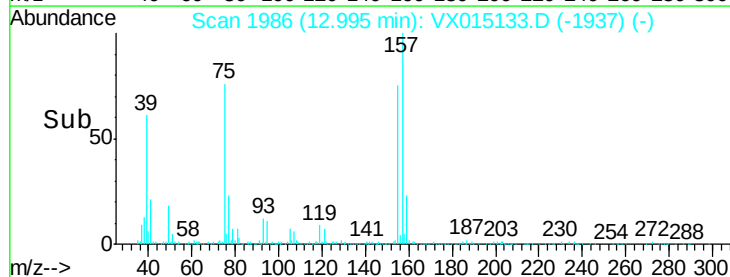
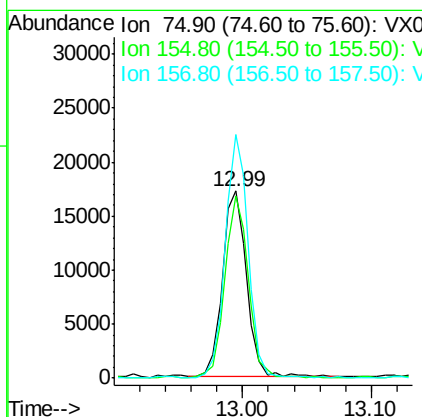
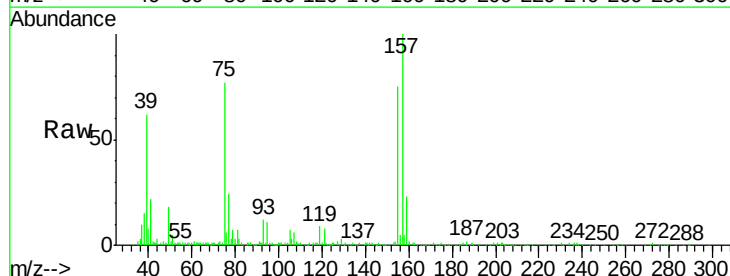
Manual Integrations
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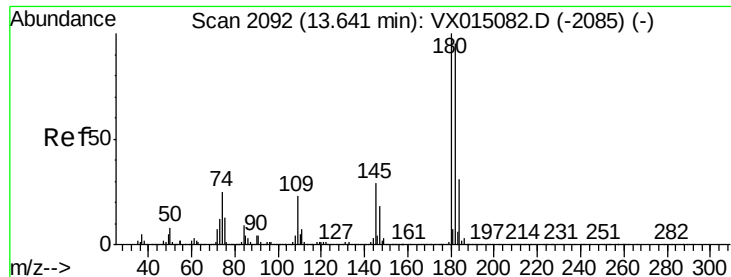
MMDadoda
 3/11/2020 4:45:23 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.930 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22839		
155	94.9	46.6	139.7	
157	124.3	59.2	177.5	





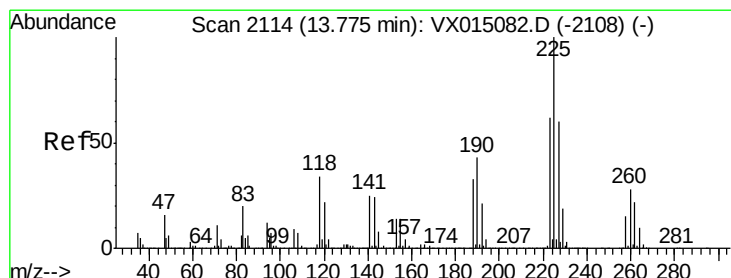
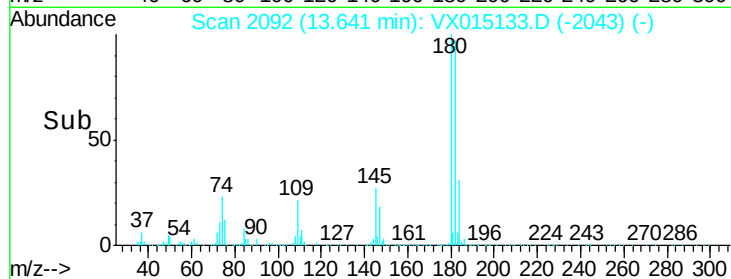
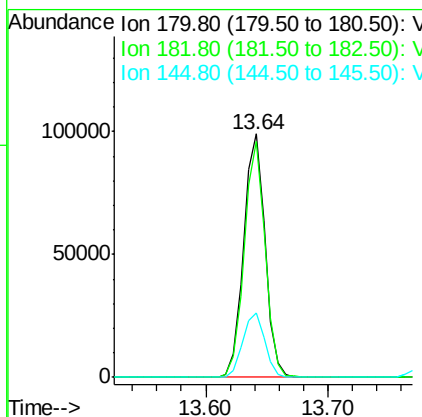
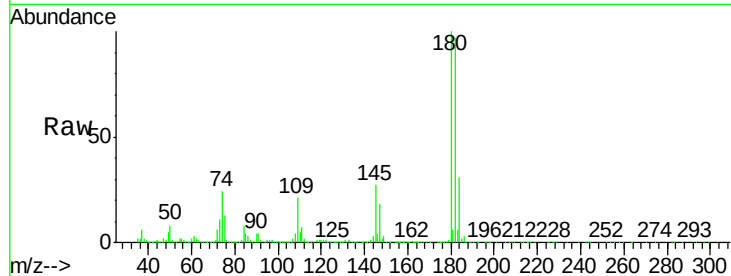
#93
 1,2,4-Trichlorobenzene
 Concen: 20.625 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119743		
182	94.9	47.6	142.8	
145	27.2	14.1	42.2	

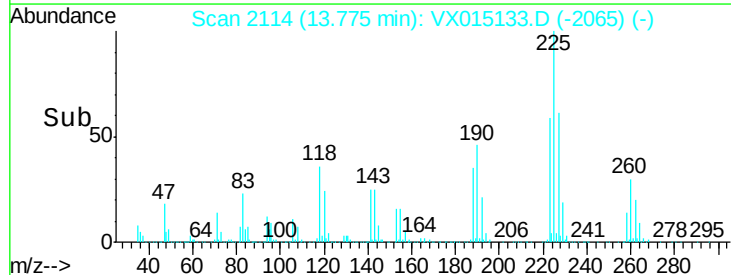
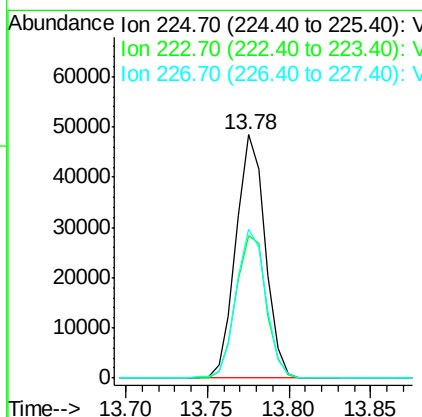
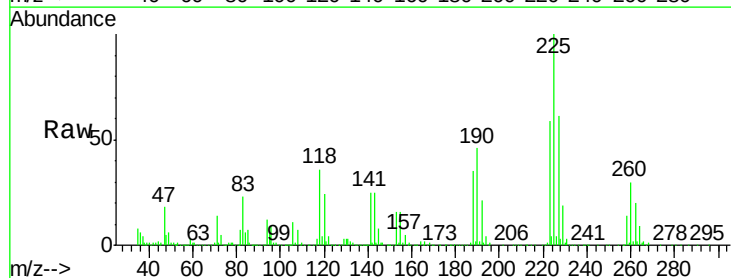
Manual Integrations
 APPROVED

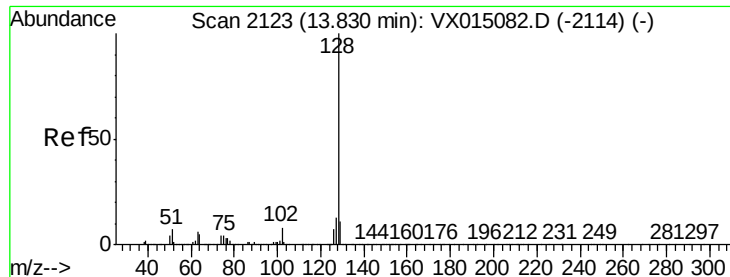
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 3/11/2020 4:45:23 PM



#94
 Hexachlorobutadiene
 Concen: 20.374 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015133.D
 Acq: 09 Mar 2020 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60698		
223	60.5	31.3	93.9	
227	62.1	31.1	93.2	





#95

Naphthalene

Concen: 19.330 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Instrument :

MSVOA_X

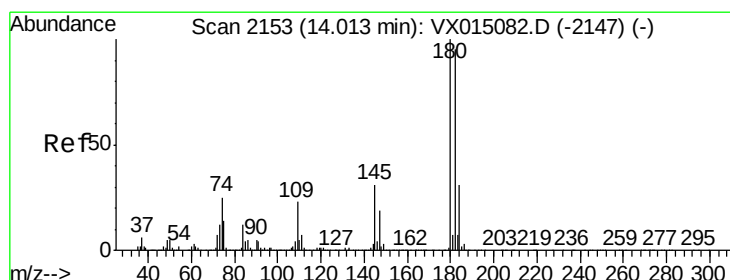
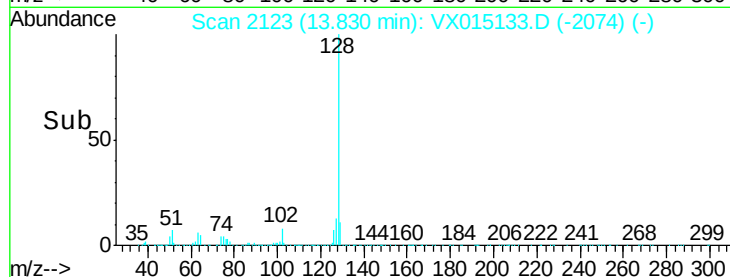
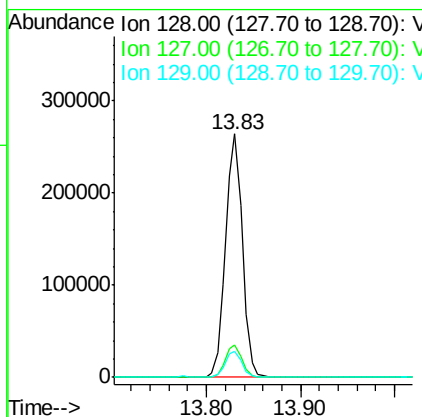
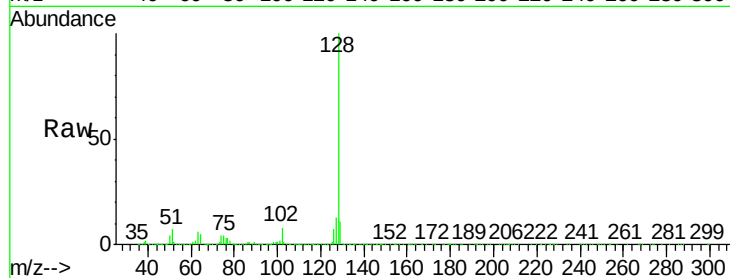
ClientSampleId :

VX0309WBS01

Tot Ion:	128	Resp:	327995
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/11/2020 4:45:23 PM



#96

1,2,3-Trichlorobenzene

Concen: 20.502 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015133.D

Acq: 09 Mar 2020 11:24

Tgt Ion:	180	Resp:	118761
Ion Ratio	Lower	Upper	
180	100		
182	96.9	47.8	143.4
145	29.5	15.1	45.3

