

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040620\
 Data File : VX015503.D
 Acq On : 06 Apr 2020 11:33
 Operator : JC/SP
 Sample : VX0406WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:58:58 AM

Quant Time: Apr 07 05:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1171319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1793939	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1654718	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	842126	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	810720	49.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.14%	
35) Dibromofluoromethane	5.47	113	601454	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	8.70	98	2206286	52.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.52%	
62) 4-Bromofluorobenzene	11.12	95	900956	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	207943	20.150	ug/l	97
3) Chloromethane	1.31	50	235605	17.928	ug/l	97
4) Vinyl Chloride	1.39	62	227388	18.844	ug/l	100
5) Bromomethane	1.63	94	150981	22.732	ug/l	99
6) Chloroethane	1.71	64	145939	19.500	ug/l	99
7) Trichlorofluoromethane	1.92	101	334476	20.668	ug/l	100
8) Diethyl Ether	2.17	74	127573	18.690	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	221613	21.006	ug/l	99
10) Methyl Iodide	2.49	142	246722	17.346	ug/l	99
11) Tert butyl alcohol	3.01	59	334753	84.658	ug/l	100
12) 1,1-Dichloroethene	2.36	96	217192	19.640	ug/l	97
13) Acrolein	2.27	56	235000	104.329	ug/l	99
14) Allyl chloride	2.71	41	488764	18.916	ug/l	98
15) Acrylonitrile	3.11	53	680139	90.193	ug/l	100
16) Acetone	2.42	43	670417	94.459	ug/l	99
17) Carbon Disulfide	2.55	76	624168	18.502	ug/l	100
18) Methyl Acetate	2.75	43	332267	18.342	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	809232	18.868	ug/l	99
20) Methylene Chloride	2.83	84	243690	18.382	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	233572	19.032	ug/l	96
22) Diisopropyl ether	3.83	45	885146	19.332	ug/l	94
23) Vinyl Acetate	3.78	43	4006673	96.650	ug/l	99
24) 1,1-Dichloroethane	3.67	63	449784	18.658	ug/l	99
25) 2-Butanone	4.64	43	1010788	88.555	ug/l	98
26) 2,2-Dichloropropane	4.56	77	419140	21.182	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	271341	19.110	ug/l	97
28) Bromochloromethane	4.98	49	235460	20.457	ug/l	98
29) Tetrahydrofuran	5.09	42	649081	88.456	ug/l	99
30) Chloroform	5.17	83	444471	19.164	ug/l	98
31) Cyclohexane	5.54	56	420363	20.101	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	407866	19.431	ug/l	98
36) 1,1-Dichloropropene	5.77	75	336512	20.359	ug/l	99
37) Ethyl Acetate	4.79	43	401293	18.646	ug/l	99
38) Carbon Tetrachloride	5.75	117	362143	20.228	ug/l	98

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Quant Time: Apr 07 05:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	404285	21.213	ug/l	98
40) Benzene	6.11	78	959189	19.810	ug/l	96
41) Methacrylonitrile	5.00	41	222293	18.606	ug/l	97
42) 1,2-Dichloroethane	6.17	62	388281	19.964	ug/l	99
43) Isopropyl Acetate	6.41	43	688888	18.961	ug/l	100
44) Trichloroethene	7.19	130	267425	20.252	ug/l	96
45) 1,2-Dichloropropane	7.49	63	263371	19.884	ug/l	99
46) Dibromomethane	7.64	93	168372	19.378	ug/l	99
47) Bromodichloromethane	7.87	83	366032	19.771	ug/l	98
48) Methyl methacrylate	7.75	41	346364	19.086	ug/l	99
49) 1,4-Dioxane	7.72	88	130823	386.437	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1996492	96.965	ug/l	99
52) Toluene	8.76	92	606480	20.317	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	423787	19.517	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	444069	20.077	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	242539	19.831	ug/l	100
56) Ethyl methacrylate	9.16	69	416419	19.320	ug/l	99
57) 1,3-Dichloropropane	9.36	76	432210	19.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1029326	98.180	ug/l	99
59) 2-Hexanone	9.47	43	1522422	97.937	ug/l	99
60) Dibromochloromethane	9.57	129	285503	19.427	ug/l	97
61) 1,2-Dibromoethane	9.65	107	256266	19.270	ug/l	99
64) Tetrachloroethene	9.32	164	256667	20.554	ug/l	97
65) Chlorobenzene	10.12	112	653406	19.800	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	262309	19.896	ug/l	99
67) Ethyl Benzene	10.24	91	1179403	20.151	ug/l	99
68) m/p-Xylenes	10.34	106	891278	40.895	ug/l	99
69) o-Xylene	10.68	106	435675	20.230	ug/l	100
70) Styrene	10.70	104	742380	19.590	ug/l	99
71) Bromoform	10.84	173	228878	19.071	ug/l #	99
73) Isopropylbenzene	11.00	105	1172923	21.257	ug/l	100
74) N-amyl acetate	10.88	43	587701	19.150	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	364693	19.262	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	350315m	20.229	ug/l	
77) Bromobenzene	11.24	156	296930	20.175	ug/l	99
78) n-propylbenzene	11.34	91	1339881	21.236	ug/l	99
79) 2-Chlorotoluene	11.40	91	800766	20.707	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1004855	21.324	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	140101	19.412	ug/l	98
82) 4-Chlorotoluene	11.49	91	959808	21.171	ug/l	99
83) tert-Butylbenzene	11.76	119	977340	21.233	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1010351	21.040	ug/l	99
85) sec-Butylbenzene	11.93	105	1144600	21.501	ug/l	100
86) p-Isopropyltoluene	12.05	119	1080325	21.860	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	552297	20.962	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	540855	20.152	ug/l	97
89) n-Butylbenzene	12.37	91	975041	21.832	ug/l	99
90) Hexachloroethane	12.58	117	196696	20.449	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	524639	20.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96501	18.058	ug/l	98

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

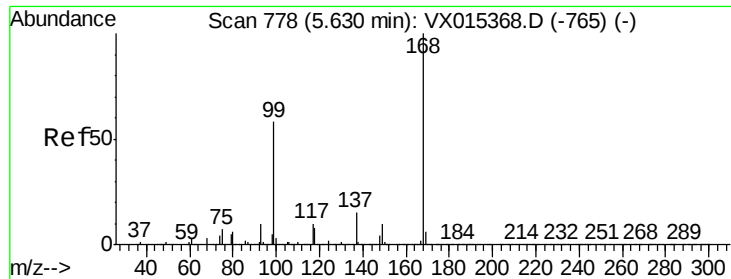
Manual Integrations
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Quant Time: Apr 07 05:50:49 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	405336	19.873	ug/l	95
94) Hexachlorobutadiene	13.77	225	201623	20.763	ug/l	99
95) Naphthalene	13.82	128	1236453	19.874	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	395482	20.140	ug/l	95

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



#1

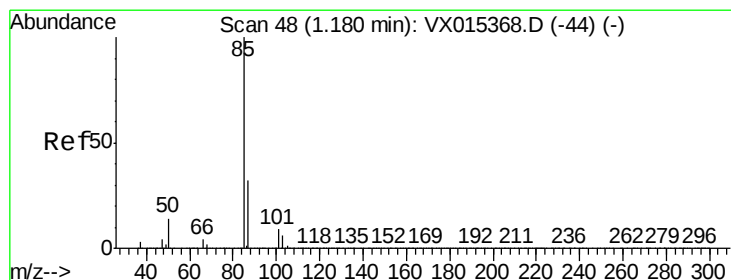
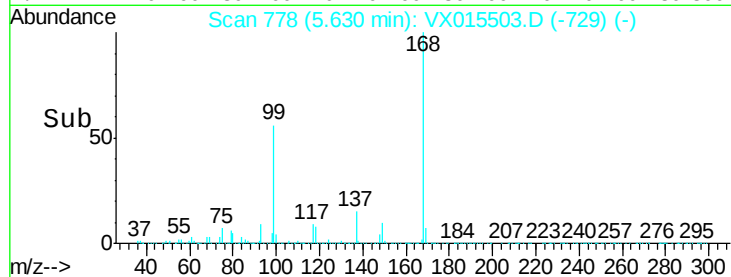
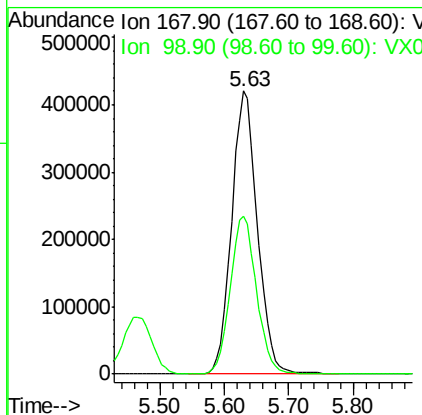
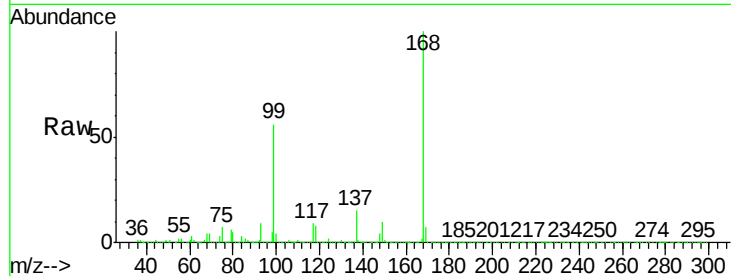
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.5	46.4	69.6

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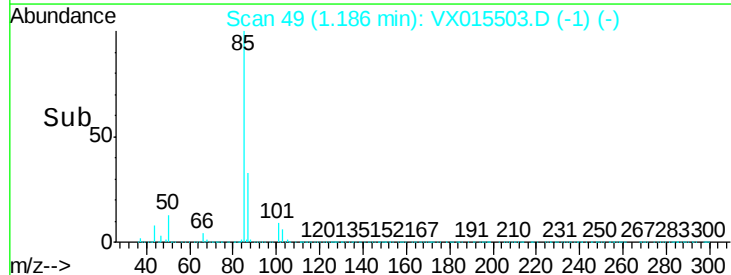
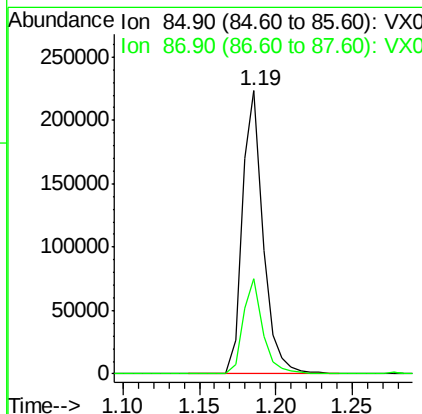
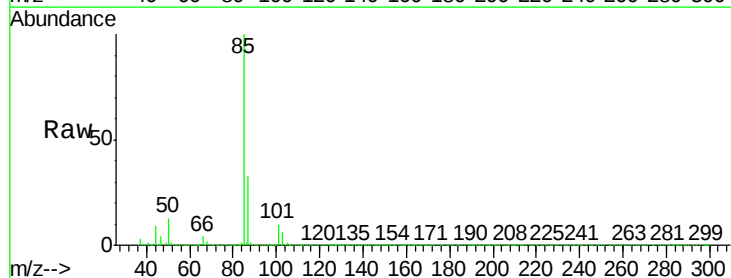
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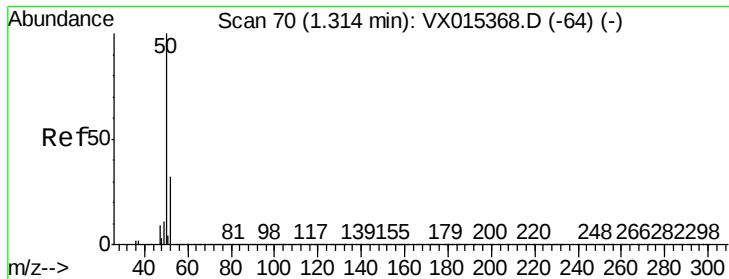


#2

Dichlorodifluoromethane
 Concen: 20.150 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	16.0	47.9





#3

Chloromethane

Concen: 17.928 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tot Ion: 50 Resp: 235605

Ion Ratio Lower Upper

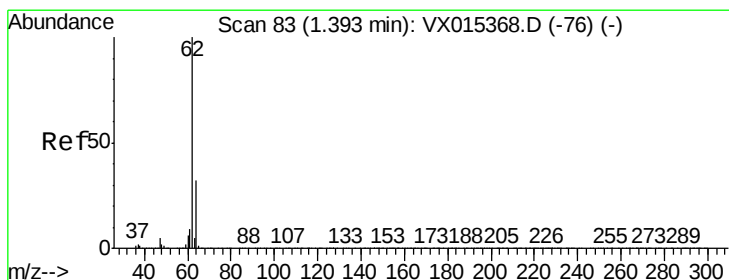
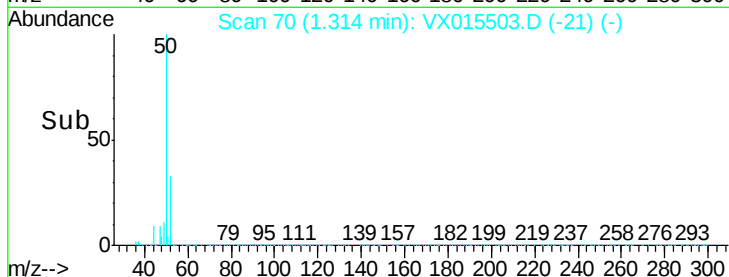
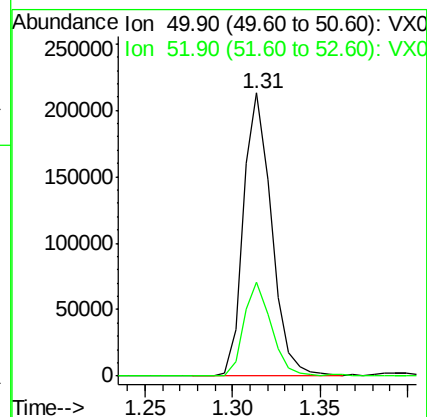
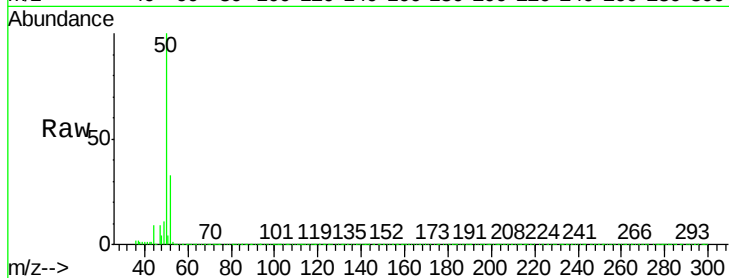
50 100

52 33.0 25.3 37.9

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#4

Vinyl Chloride

Concen: 18.844 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015503.D

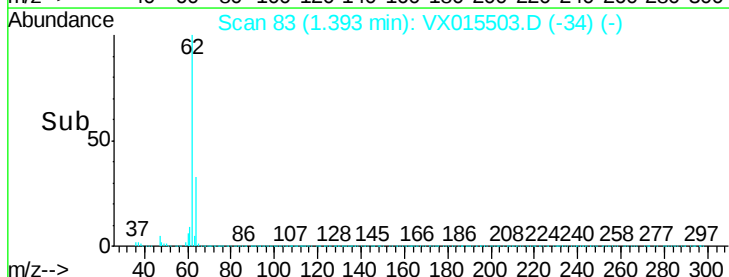
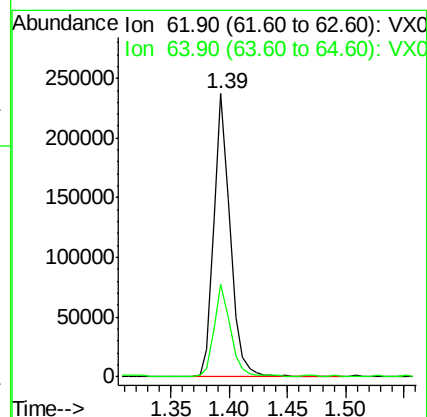
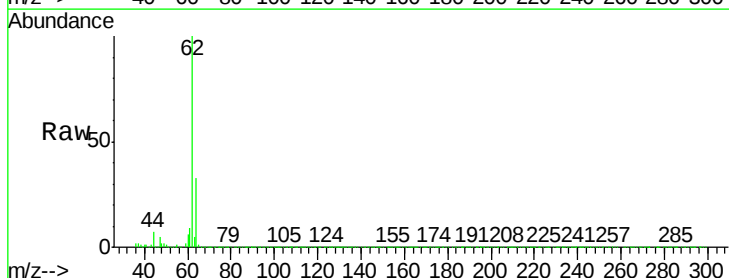
Acq: 06 Apr 2020 11:33

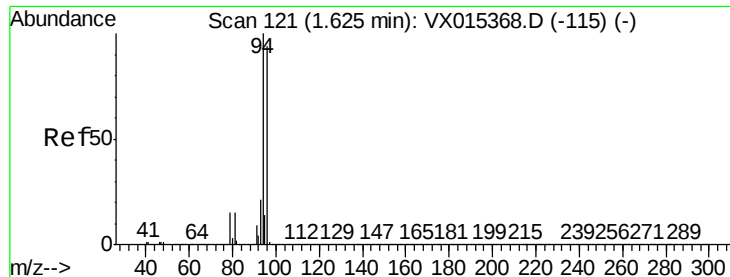
Tgt Ion: 62 Resp: 227388

Ion Ratio Lower Upper

62 100

64 32.5 26.0 39.0





#5

Bromomethane

Concen: 22.732 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tot Ion: 94 Resp: 150981

Ion Ratio Lower Upper

94 100

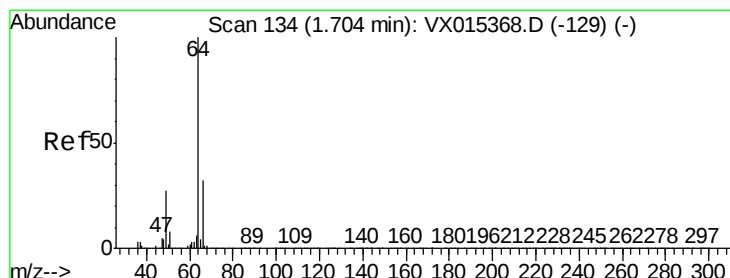
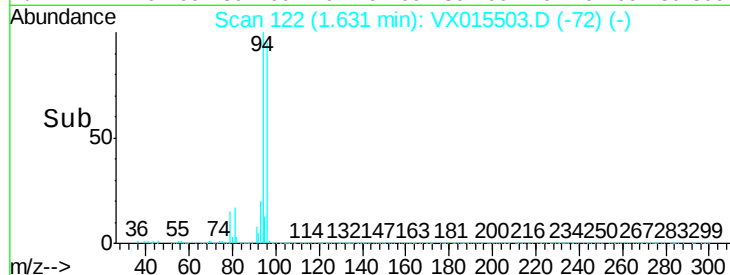
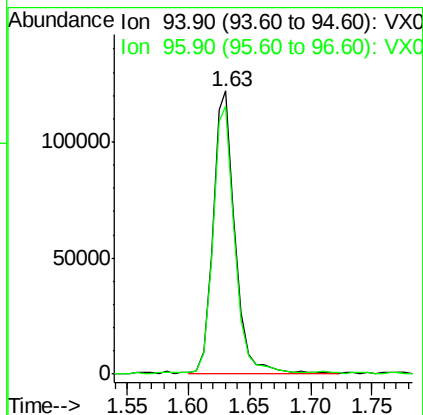
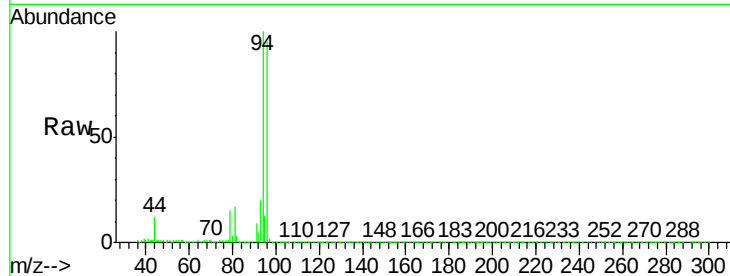
96 94.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 19.500 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015503.D

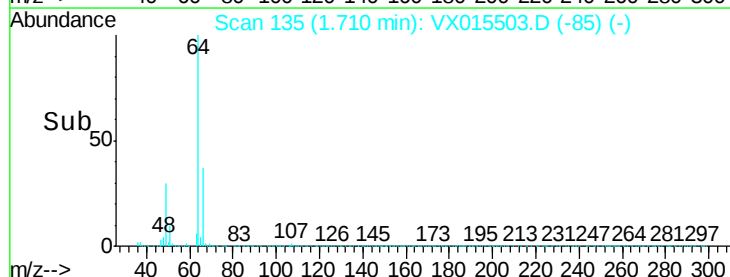
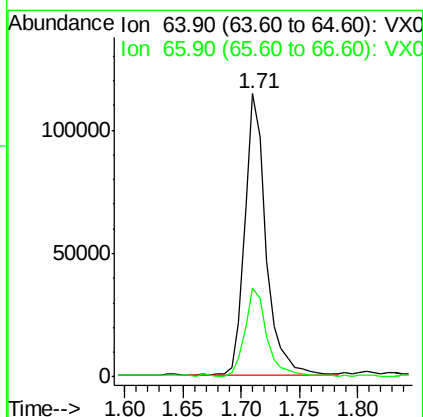
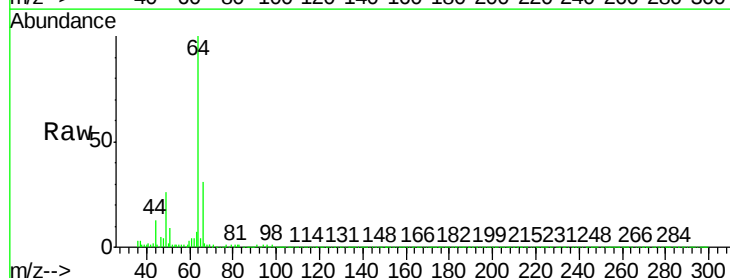
Acq: 06 Apr 2020 11:33

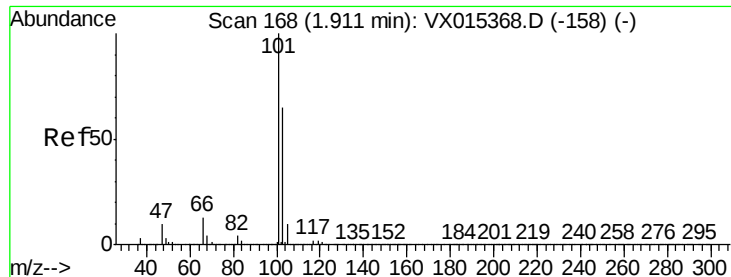
Tgt Ion: 64 Resp: 145939

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2





#7

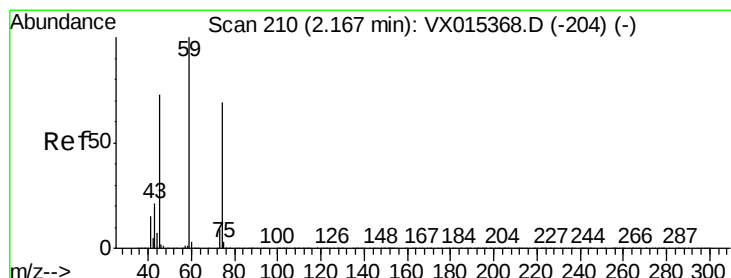
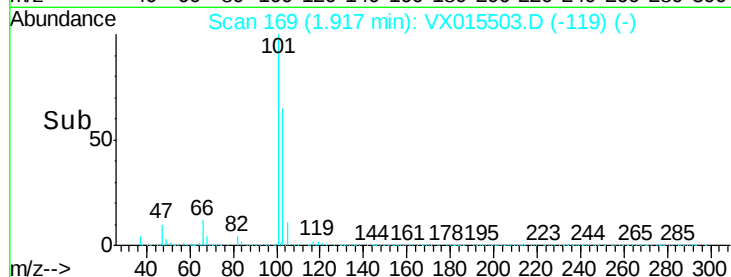
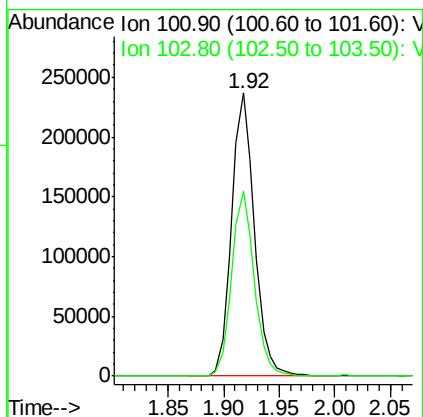
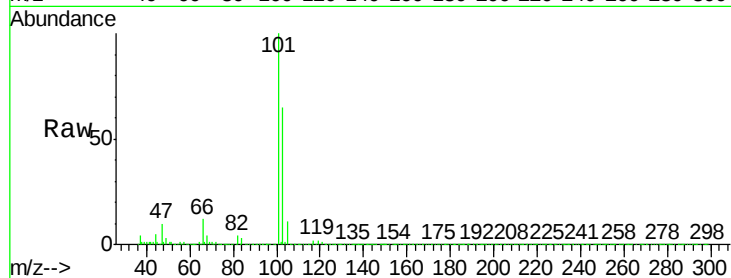
Trichlorofluoromethane
Concen: 20.668 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.1	52.3	78.5

Manual Integrations
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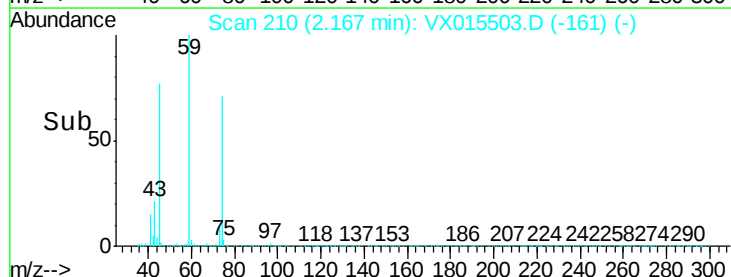
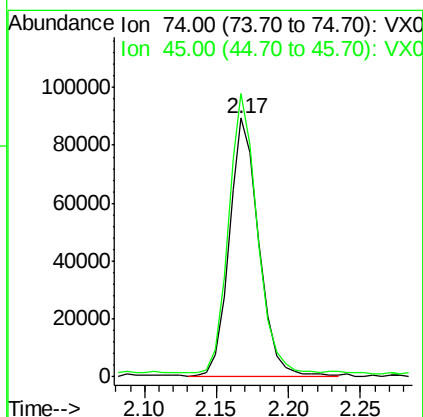
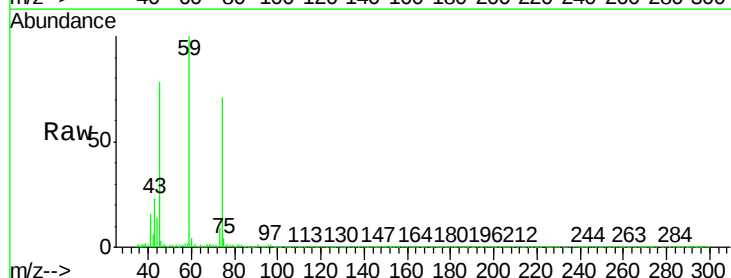
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4/7/2020 11:58:58 AM



#8

Diethyl Ether
Concen: 18.690 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.5	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.006 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

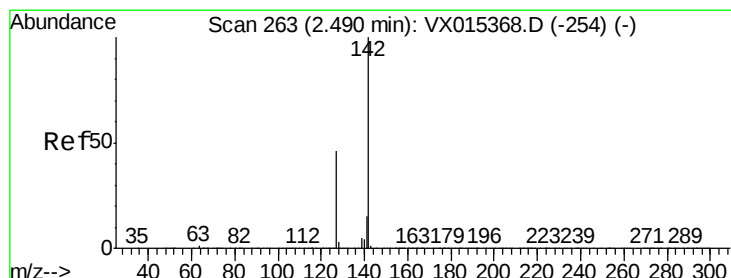
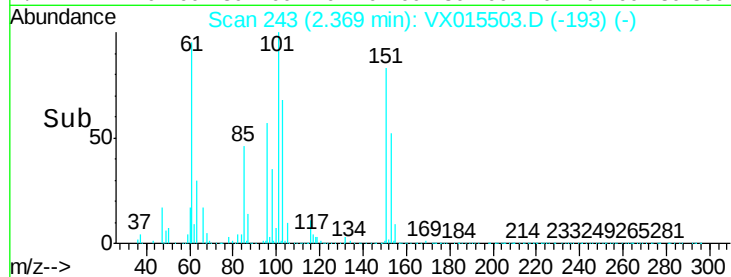
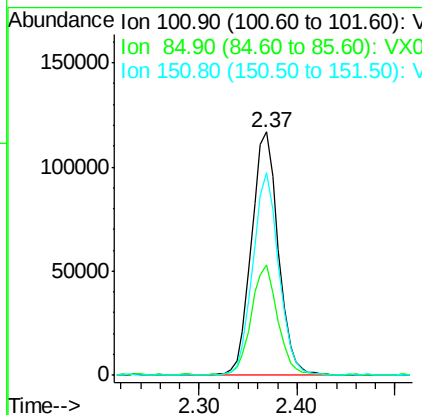
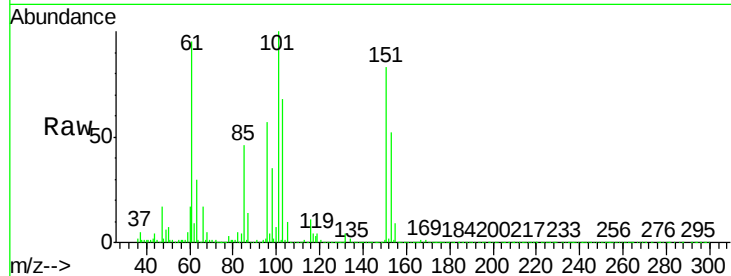
ClientSampleId :

VX0406WBS01

Tot Ion:	101	Resp:	221613
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.0	52.4
151	81.4	64.1	96.1

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#10

Methyl Iodide

Concen: 17.346 ug/l

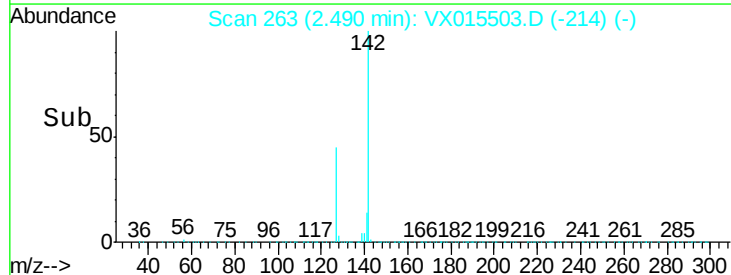
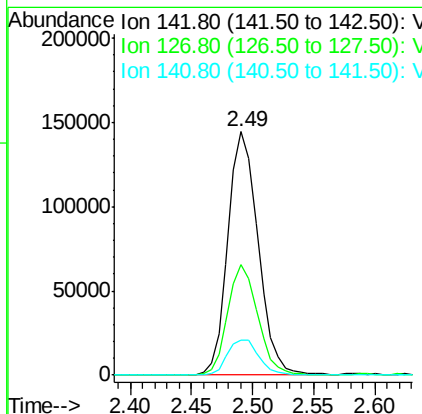
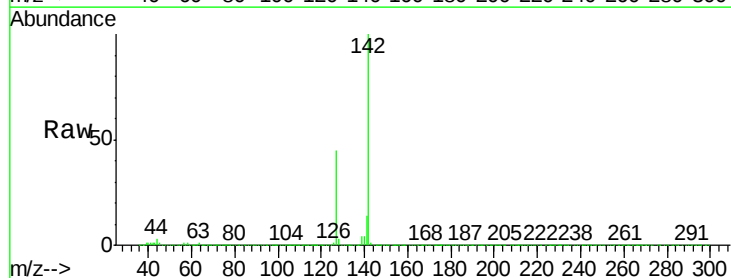
RT: 2.49 min Scan# 263

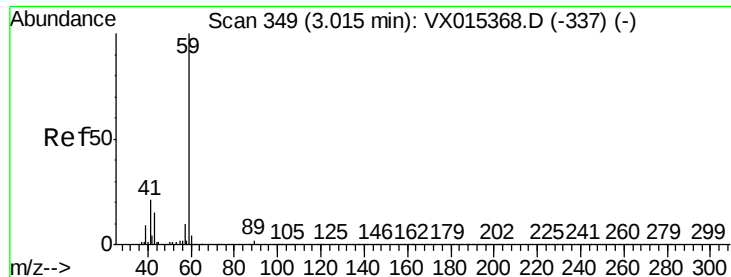
Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion:	142	Resp:	246722
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.9	53.9
141	15.6	11.6	17.4





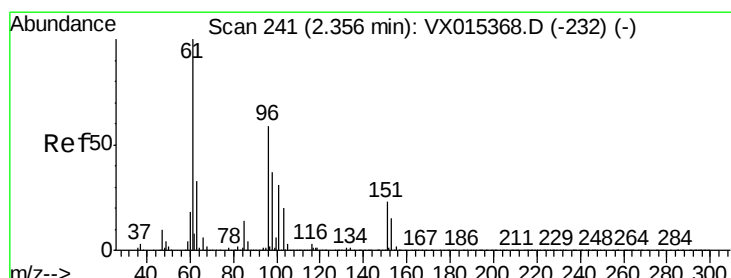
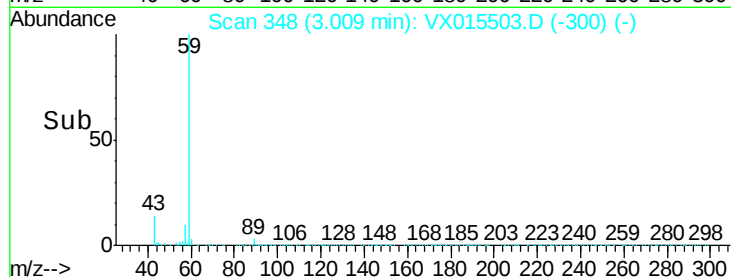
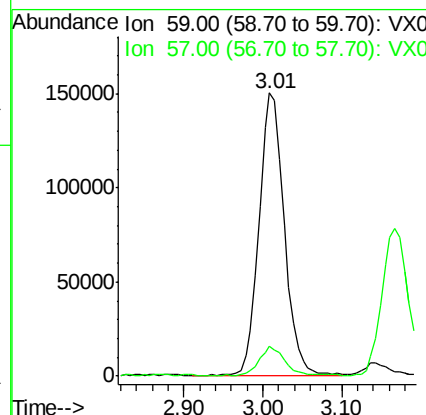
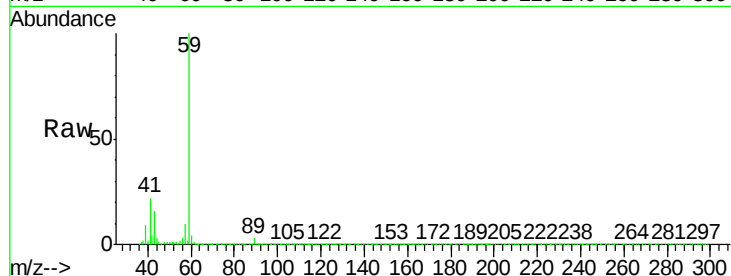
#11
Tert butyl alcohol
Concen: 84.658 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.9	8.1	12.1

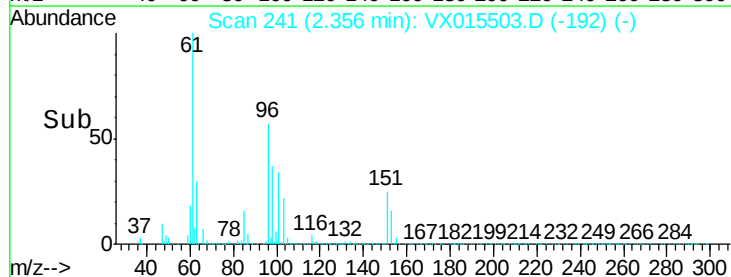
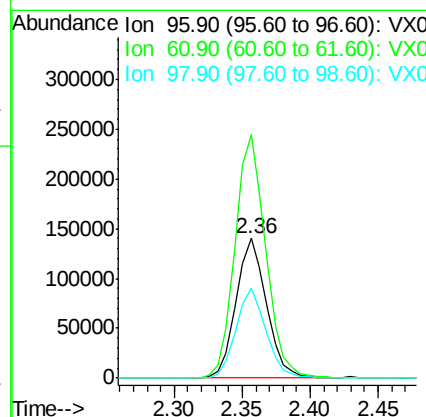
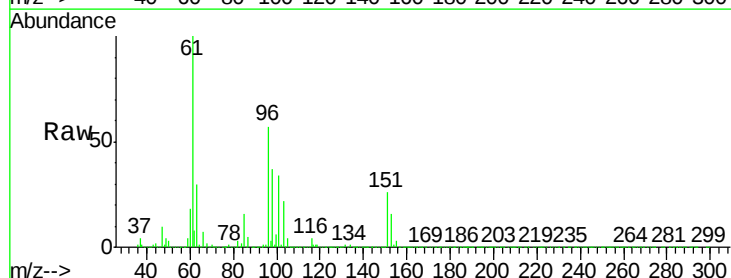
Manual Integrations
APPROVED

MMDadoda
4/7/2020 11:58:58 AM



#12
1,1-Dichloroethene
Concen: 19.640 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.5	135.7	203.5
98	64.6	50.6	75.8





#13

Acrolein

Concen: 104.329 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

Tot Ion: 56 Resp: 235000

Ion Ratio Lower Upper

56 100

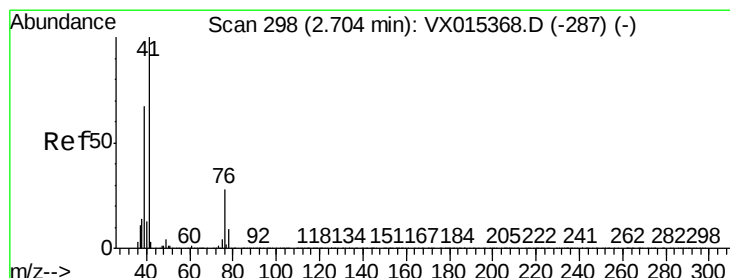
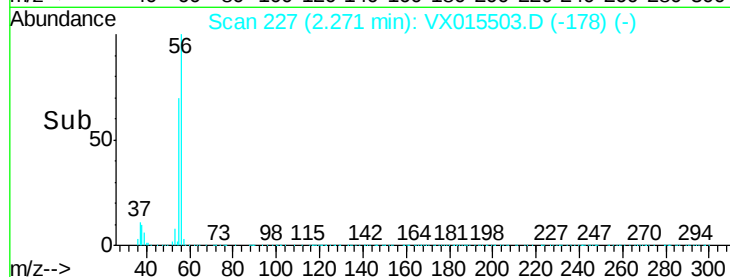
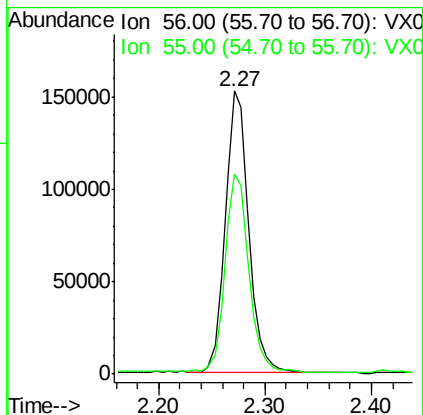
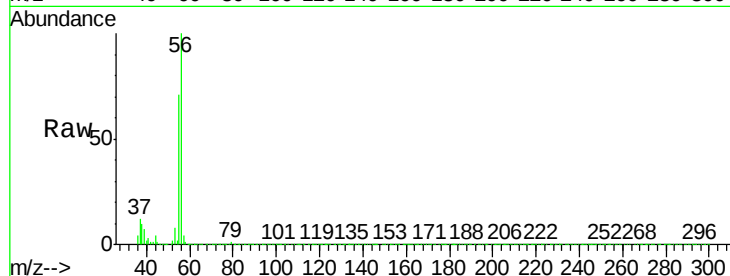
55 72.3 57.0 85.4

Manual Integrations

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4/7/2020 11:58:58 AM



#14

Allyl chloride

Concen: 18.916 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

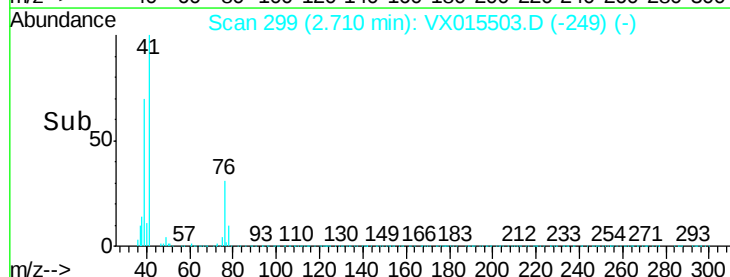
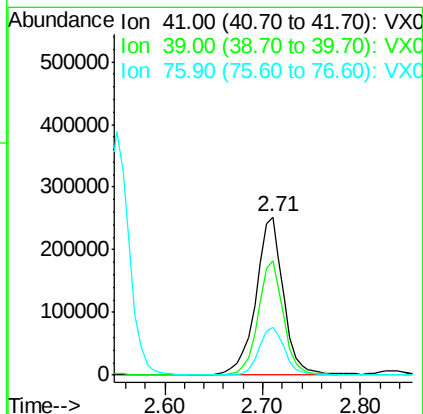
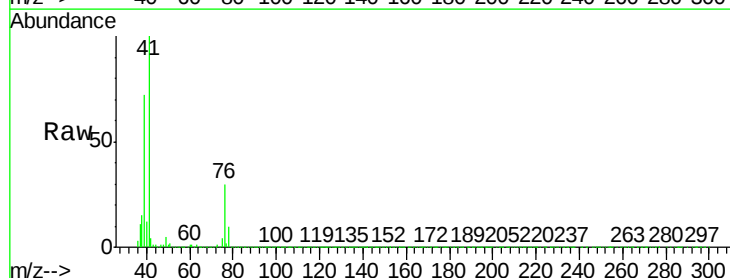
Tgt Ion: 41 Resp: 488764

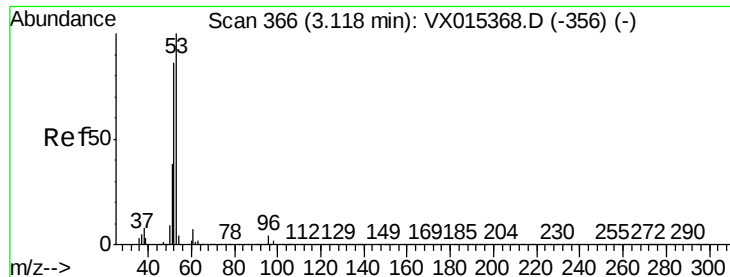
Ion Ratio Lower Upper

41 100

39 66.2 51.4 77.0

76 27.9 21.8 32.8





#15

Acrylonitrile

Concen: 90.193 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

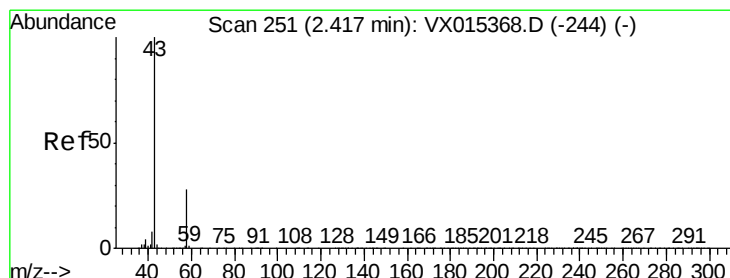
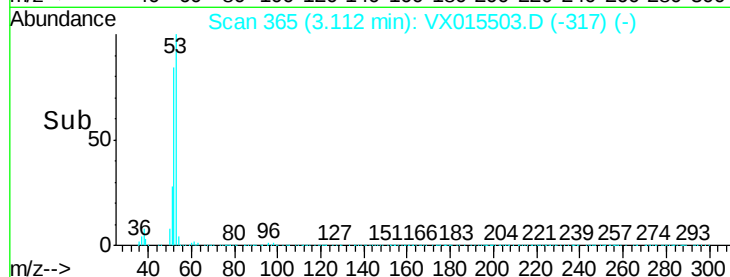
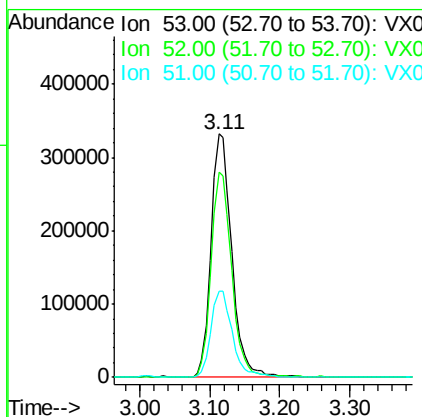
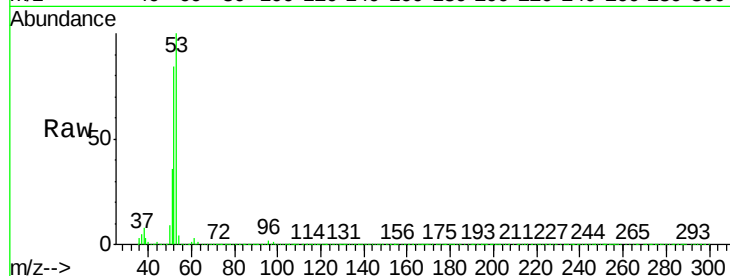
ClientSampleId :

VX0406WBS01

Tot Ion:	53	Resp:	680139
Ion Ratio		Lower	Upper
53	100		
52	84.1	66.8	100.2
51	36.8	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 94.459 ug/l

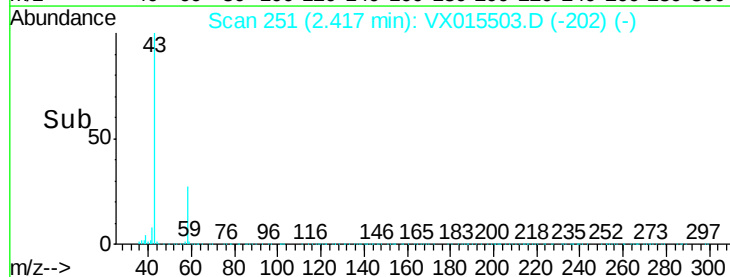
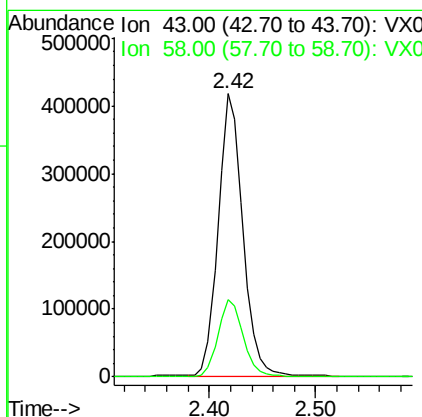
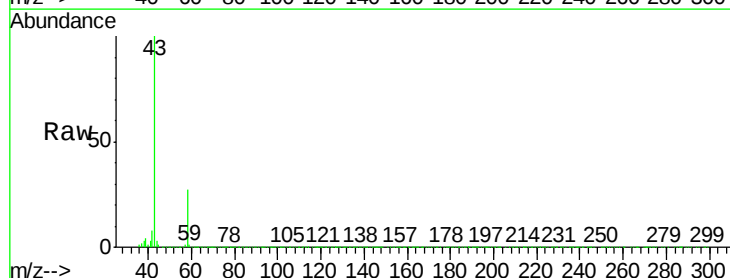
RT: 2.42 min Scan# 251

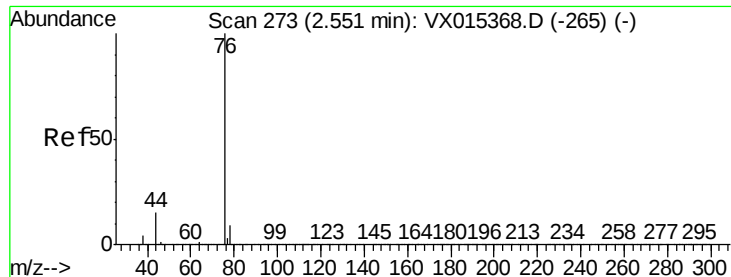
Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion:	43	Resp:	670417
Ion Ratio		Lower	Upper
43	100		
58	27.3	22.1	33.1





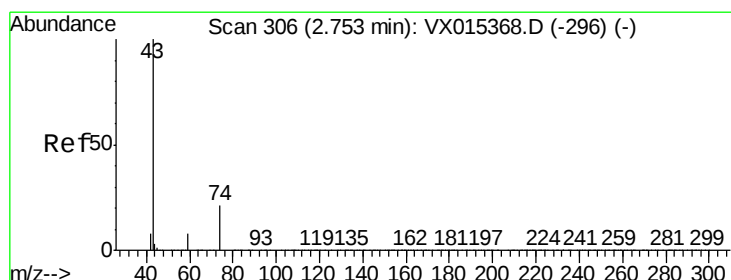
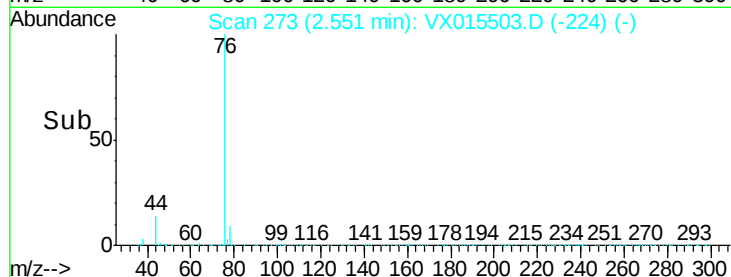
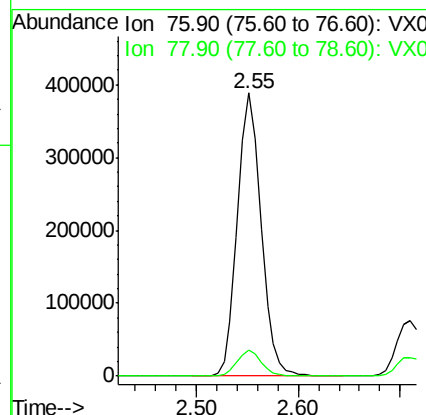
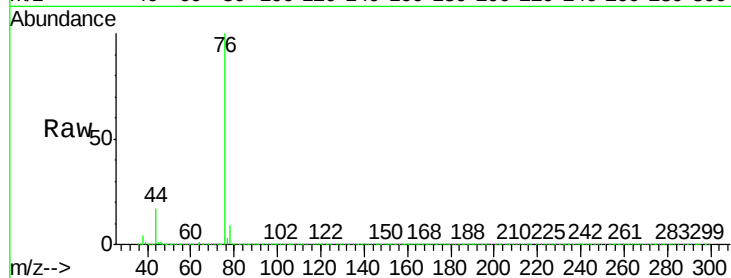
#17
Carbon Disulfide
Concen: 18.502 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.1	10.7

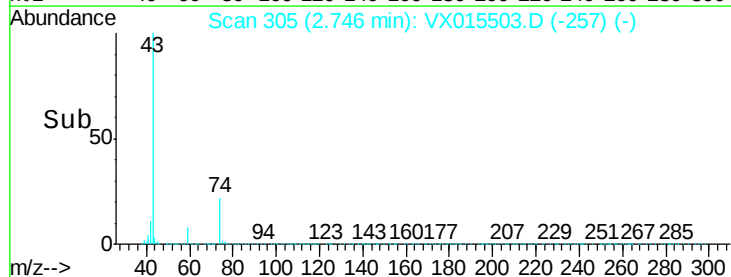
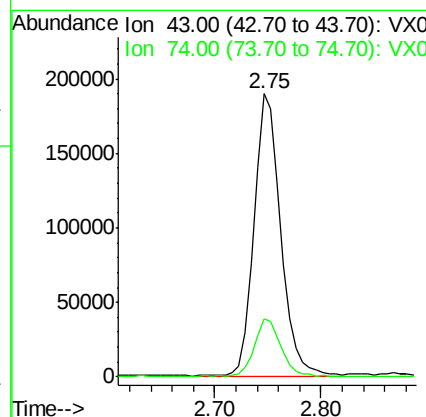
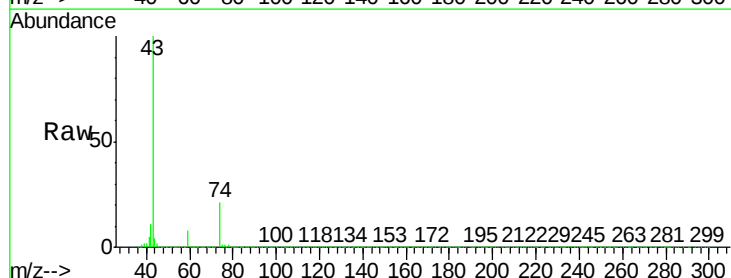
Manual Integrations
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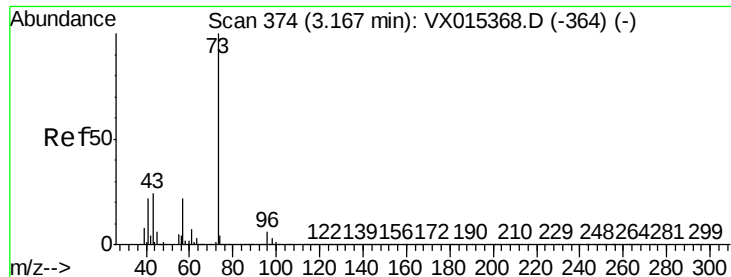
MMDadoda
4/7/2020 11:58:58 AM



#18
Methyl Acetate
Concen: 18.342 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.5	24.7





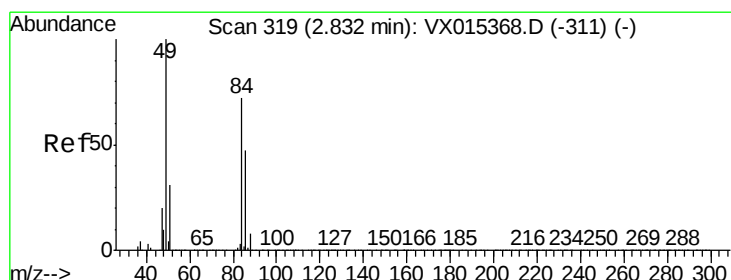
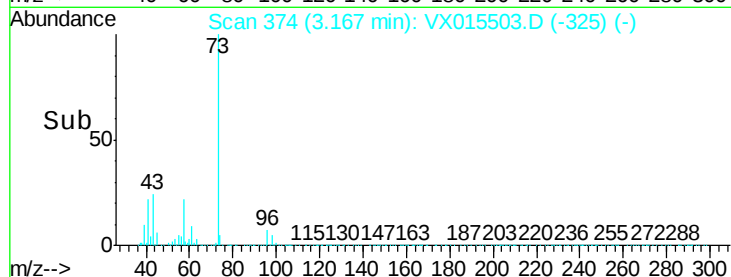
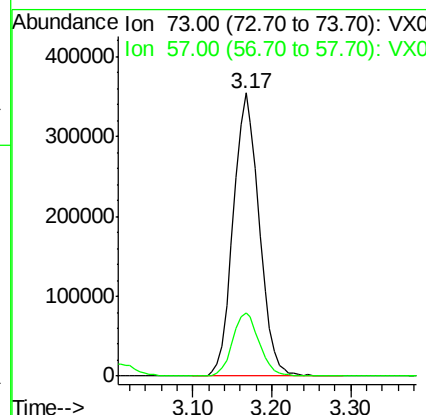
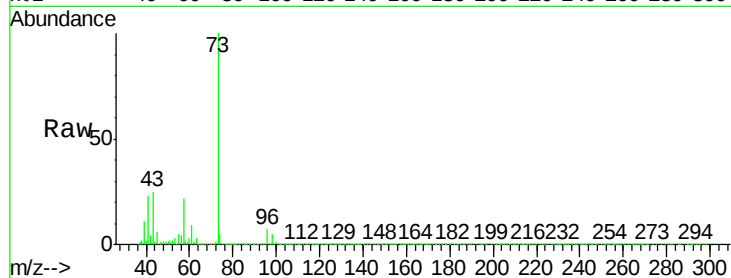
#19
Methvl tert-butvl Ether
Concen: 18.868 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.9	26.9

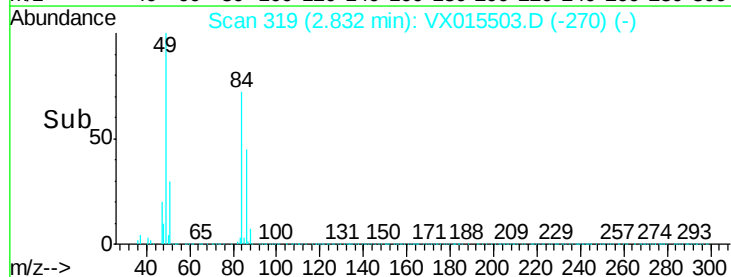
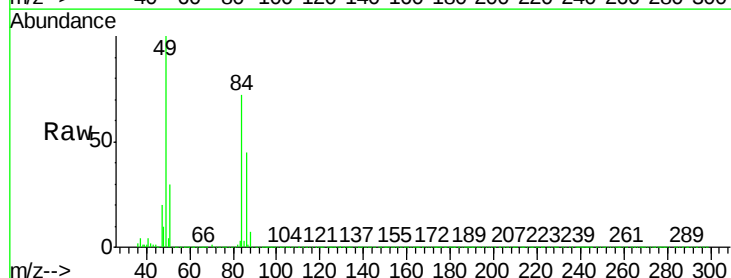
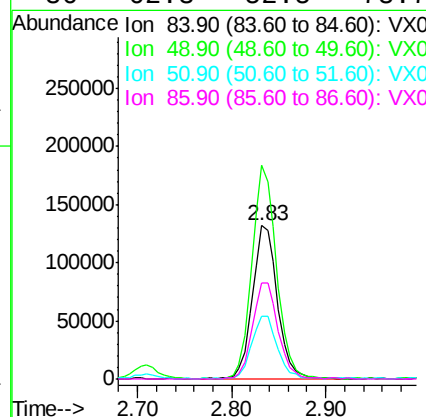
Manual Integrations
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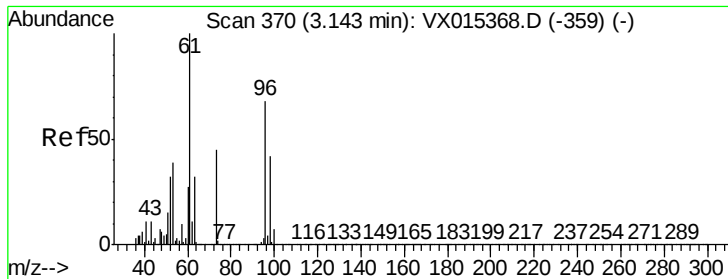
MMDadoda
4/7/2020 11:58:58 AM



#20
Methylene Chloride
Concen: 18.382 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
84	100		
49	139.3	111.3	166.9
51	41.2	34.0	51.0
86	62.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 19.032 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

Tot Ion: 96 Resp: 233572

Ion Ratio Lower Upper

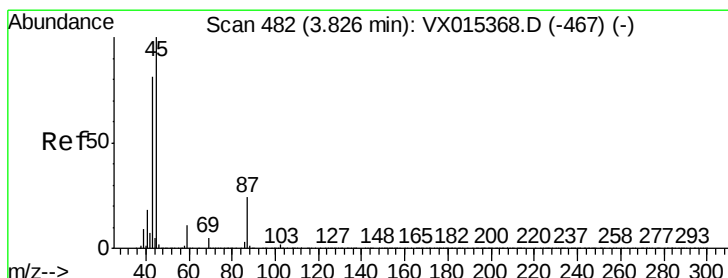
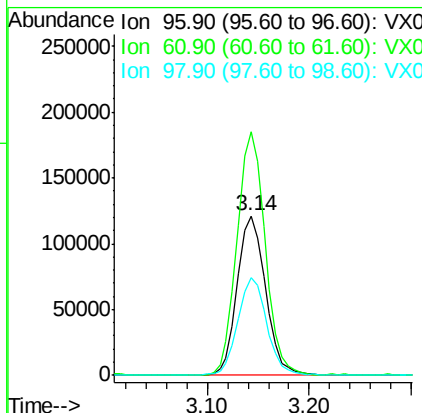
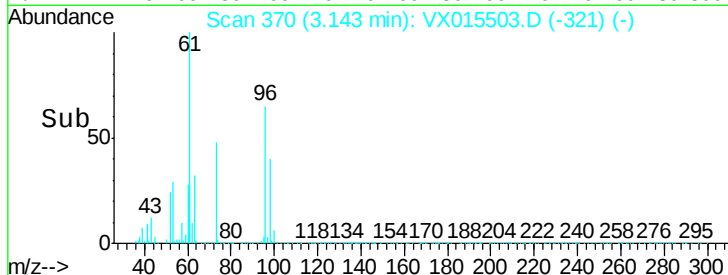
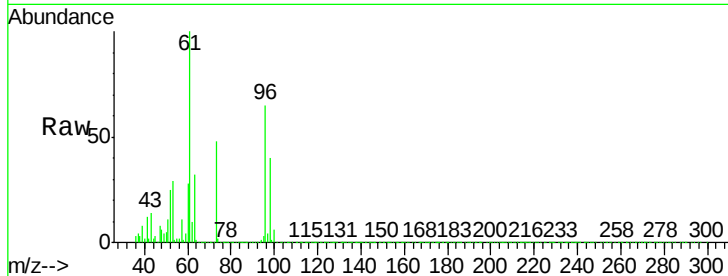
96 100

61 152.8 116.9 175.3

98 61.2 48.6 73.0

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4/7/2020 11:58:58 AM



#22

Diisopropyl ether

Concen: 19.332 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion: 45 Resp: 885146

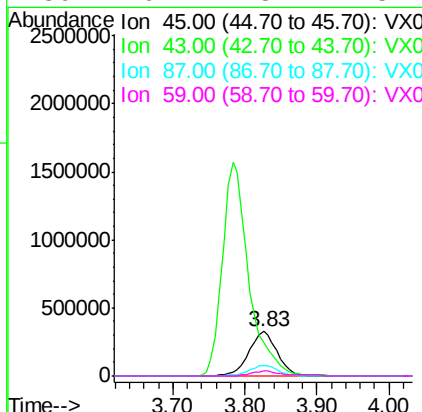
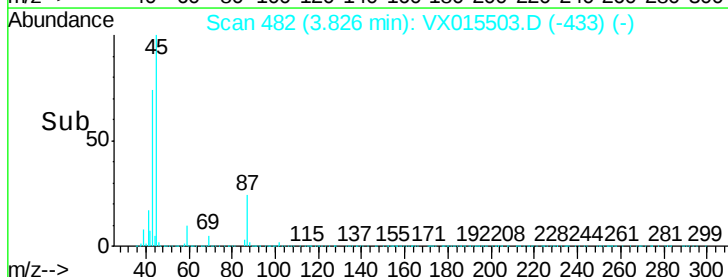
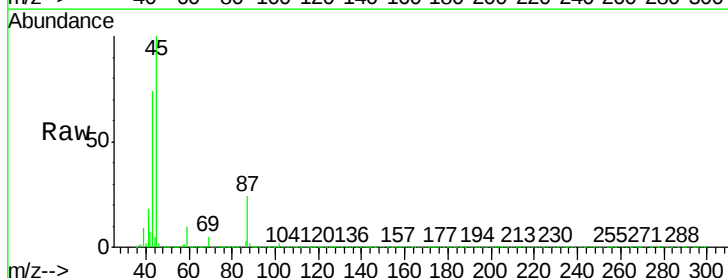
Ion Ratio Lower Upper

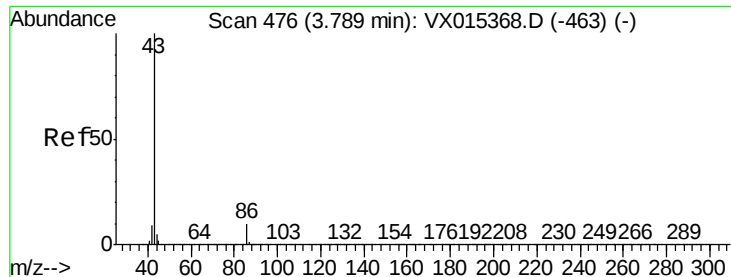
45 100

43 73.9 64.7 97.1

87 23.9 19.4 29.0

59 10.1 8.7 13.1





#23

Vinyl Acetate

Concen: 96.650 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

Tot Ion: 43 Resp: 4006673

Ion Ratio Lower Upper

43 100

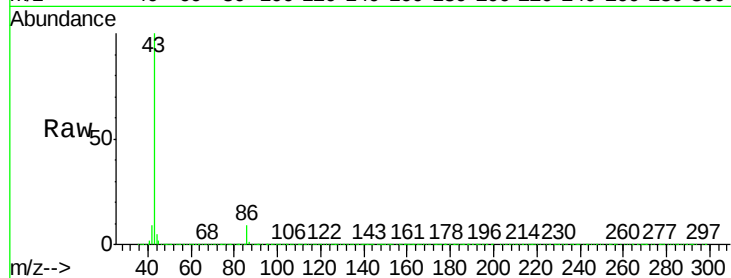
86 9.4 7.8 11.6

Manual Integrations

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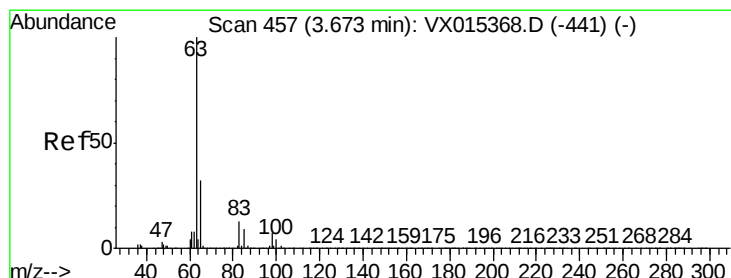
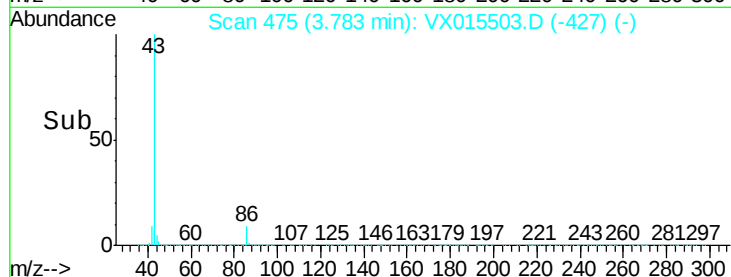
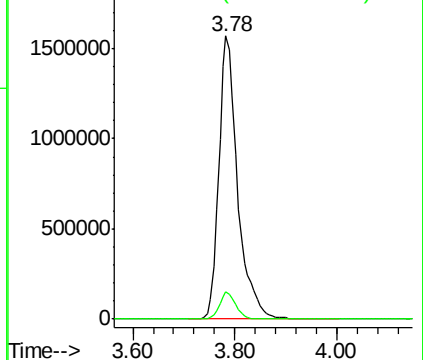
MMDadoda

4/7/2020 11:58:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 18.658 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

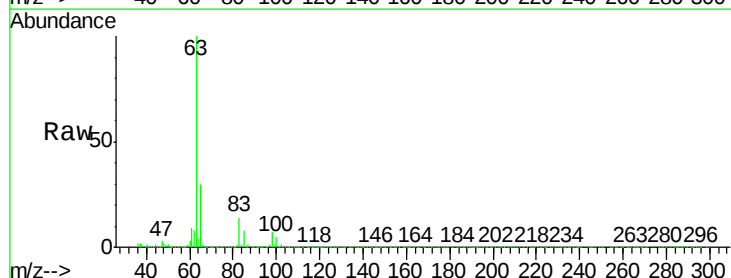
Tgt Ion: 63 Resp: 449784

Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

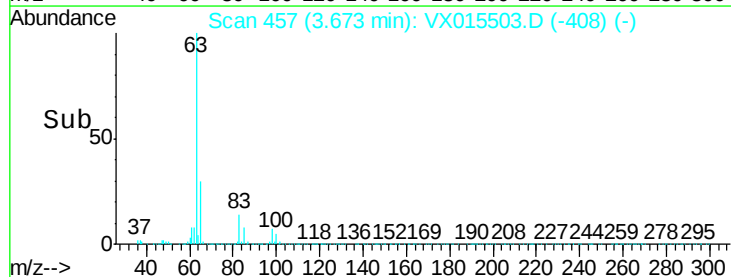
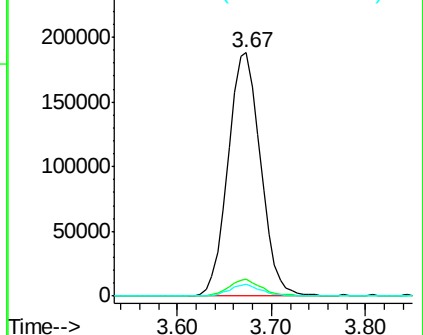
100 4.7 2.1 6.5

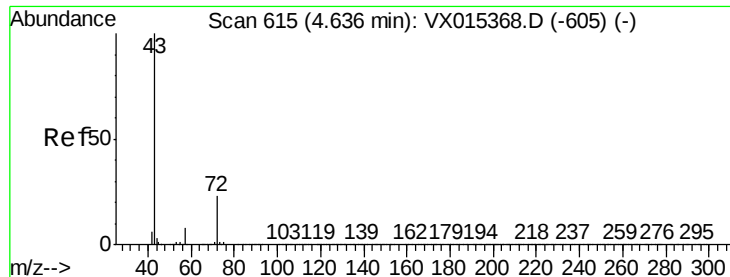


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 88.555 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tot Ion: 43 Resp: 1010788

Ion Ratio Lower Upper

43 100

72 22.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

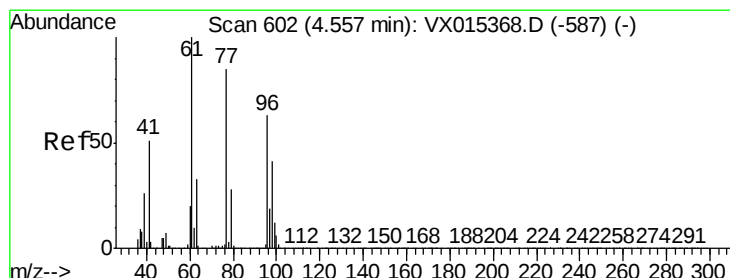
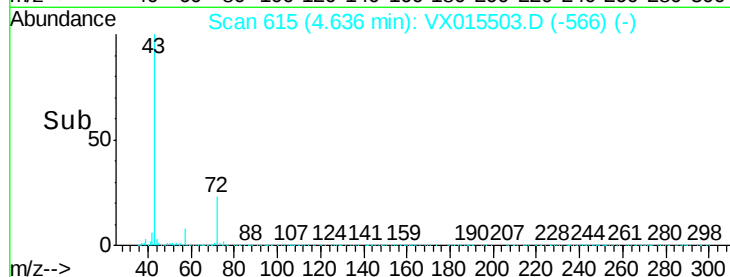
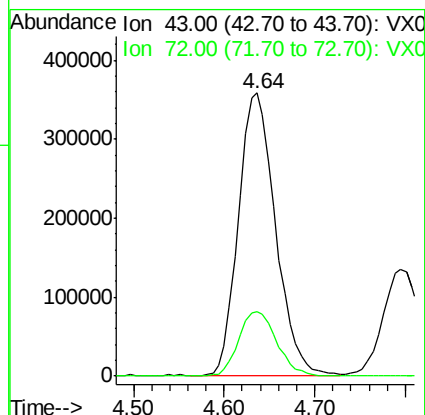
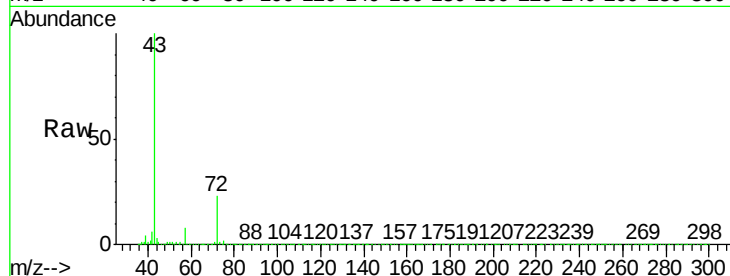
VX0406WBS01

Manual Integrations

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4/7/2020 11:58:58 AM



#26

2,2-Dichloropropane

Concen: 21.182 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015503.D

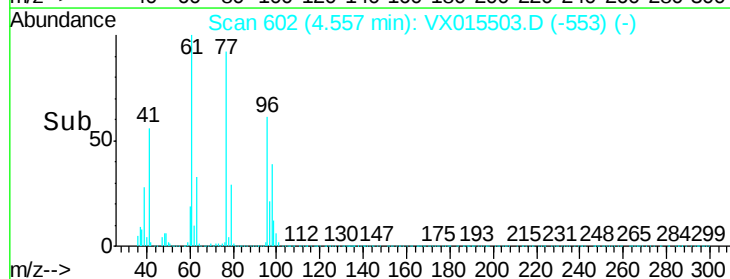
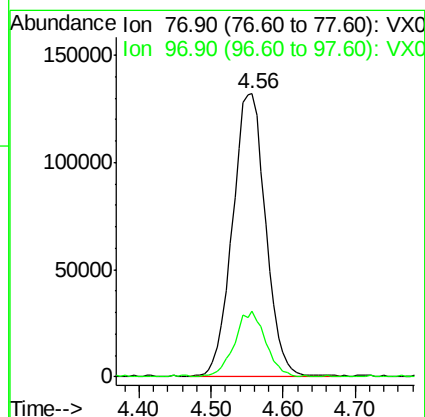
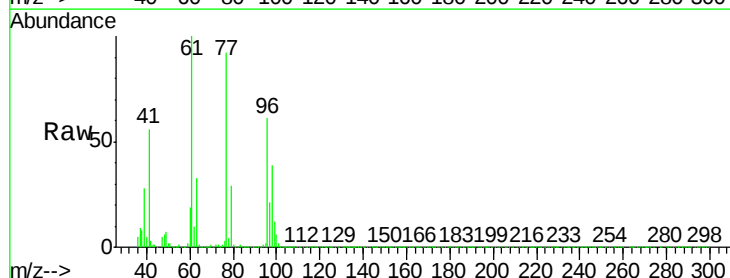
Acq: 06 Apr 2020 11:33

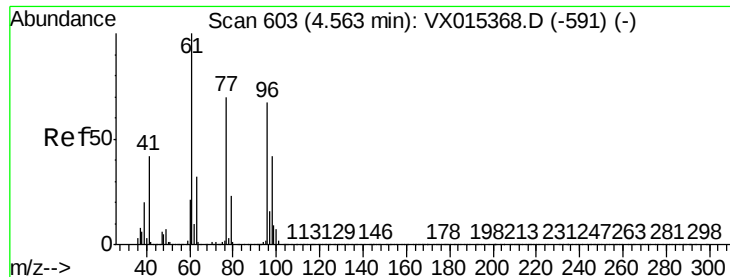
Tgt Ion: 77 Resp: 419140

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8





#27

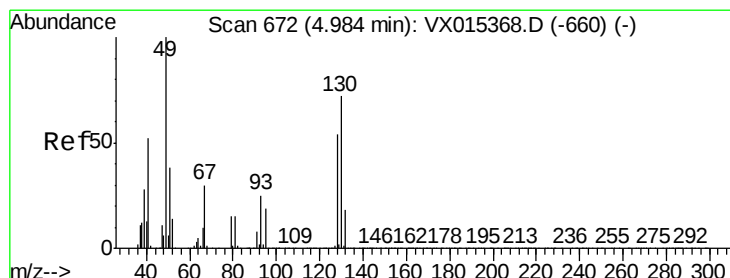
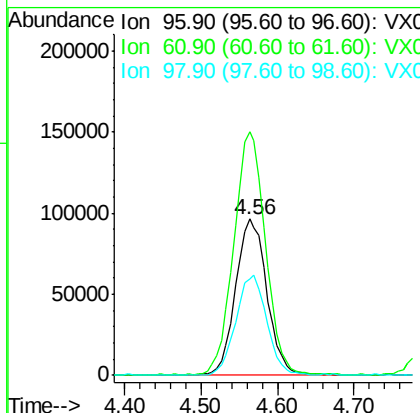
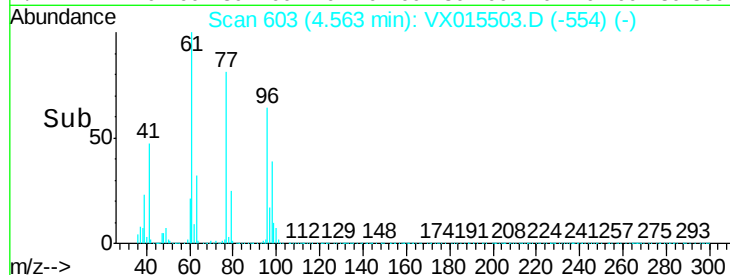
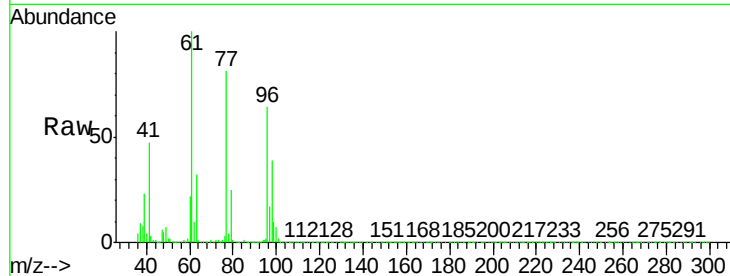
cis-1,2-Dichloroethene
Concen: 19.110 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	271341		
61	159.2	0.0	308.4	
98	63.0	0.0	129.2	

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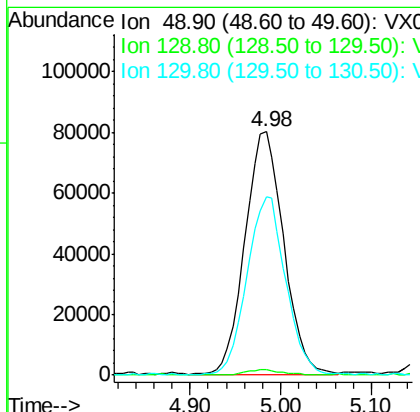
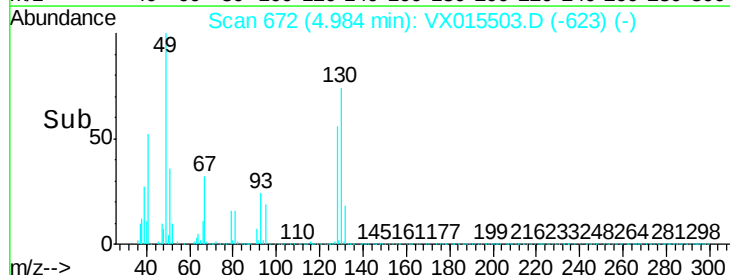
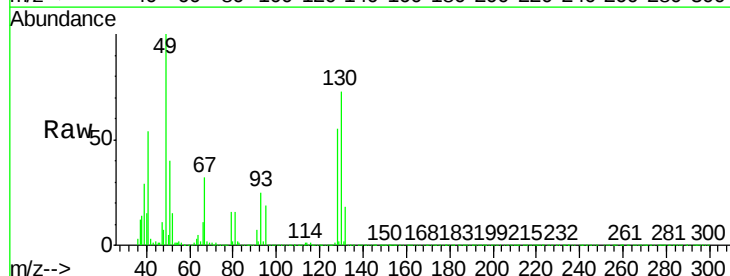
MMDadoda
4/7/2020 11:58:58 AM

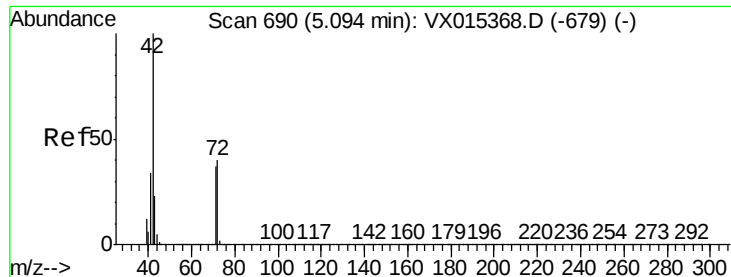


#28

Bromochloromethane
Concen: 20.457 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	235460		
129	2.2	0.0	4.4	
130	73.4	57.7	86.5	





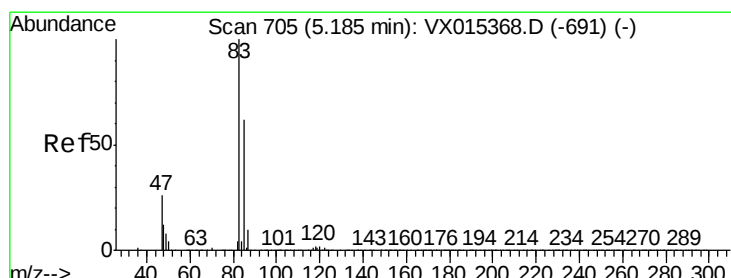
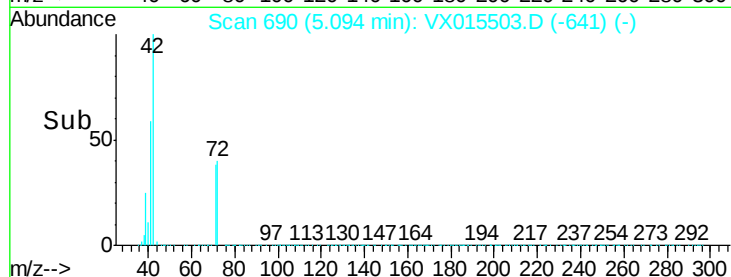
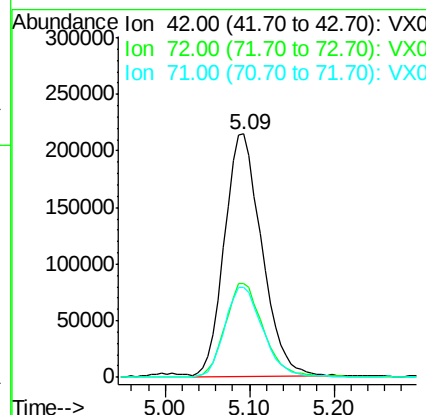
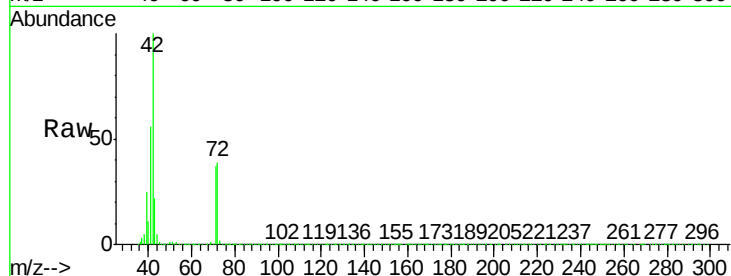
#29
Tetrahydrofuran
Concen: 88.456 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.7	31.7	47.5
71	37.8	29.6	44.4

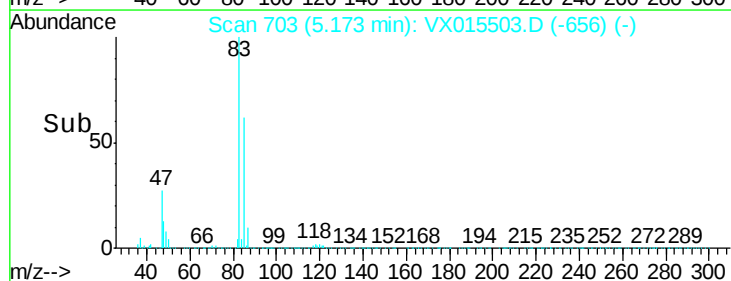
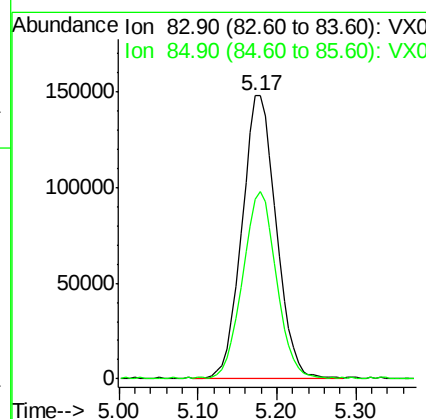
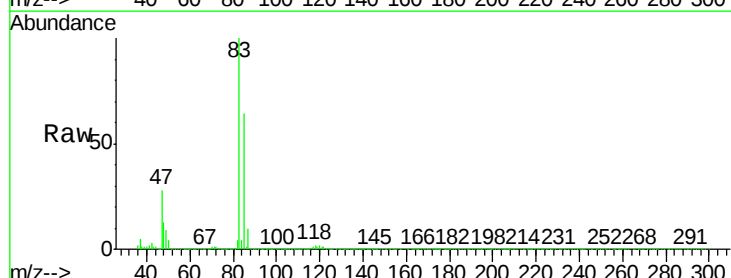
Manual Integrations
APPROVED

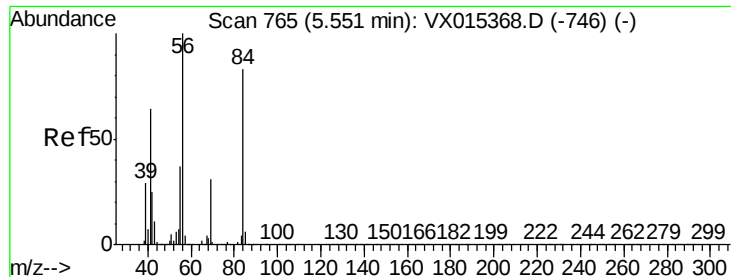
MMDadoda
4/7/2020 11:58:58 AM



#30
Chloroform
Concen: 19.164 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.5	74.3





#31

Cyclohexane

Concen: 20.101 ug/l

RT: 5.54 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

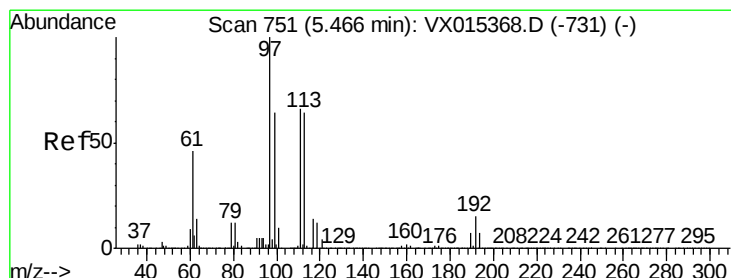
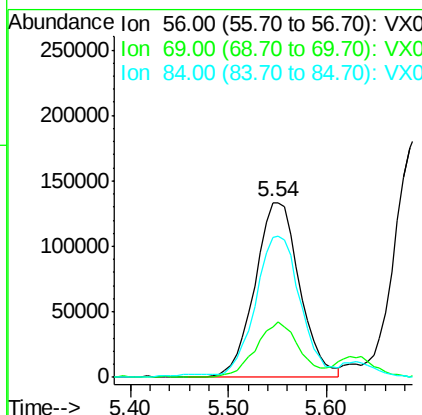
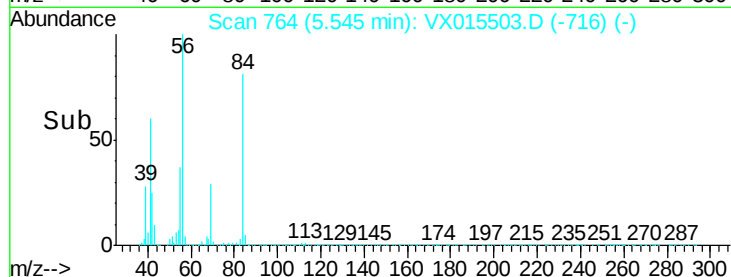
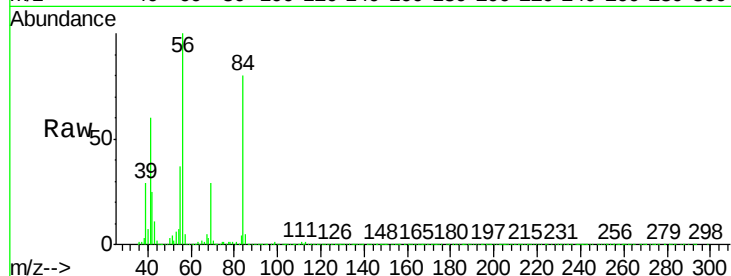
ClientSampleId :

VX0406WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.6	36.8
84	78.8	66.1	99.1

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#32

1,1,1-Trichloroethane

Concen: 19.431 ug/l

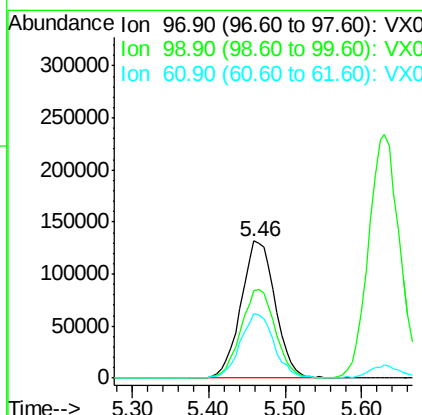
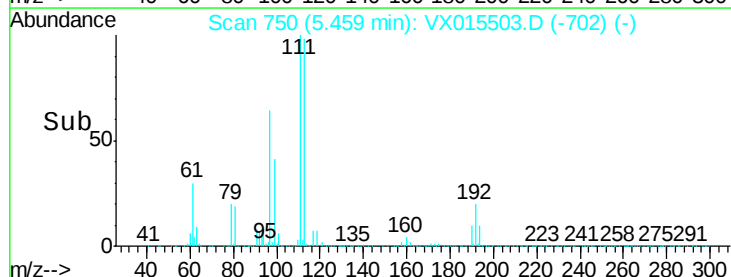
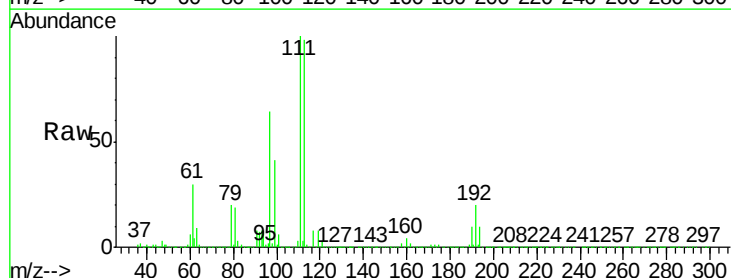
RT: 5.46 min Scan# 750

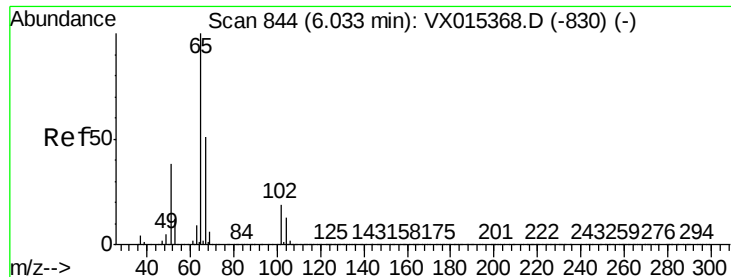
Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.0	76.4
61	46.6	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 49.075 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tot Ion: 65 Resp: 810720

Ion Ratio Lower Upper

65 100

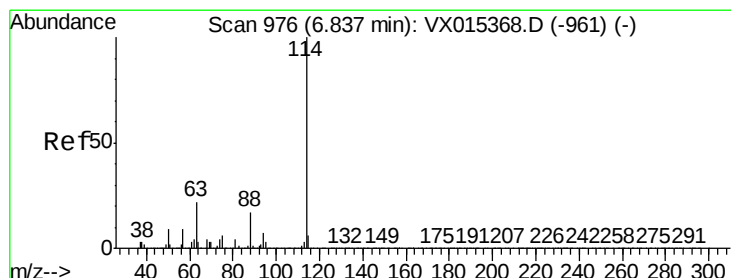
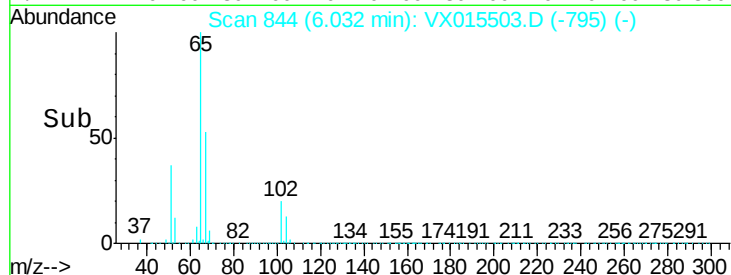
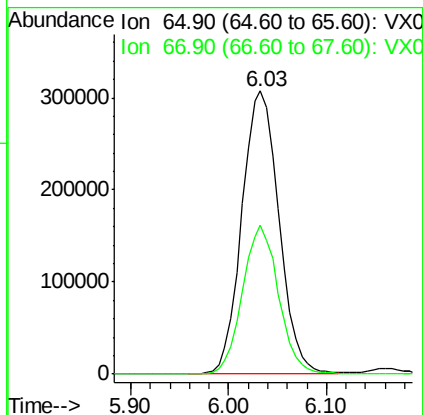
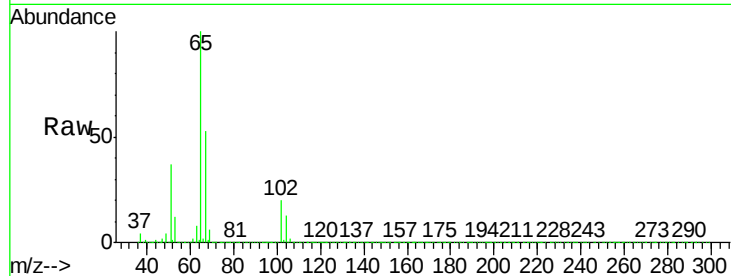
67 50.7 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

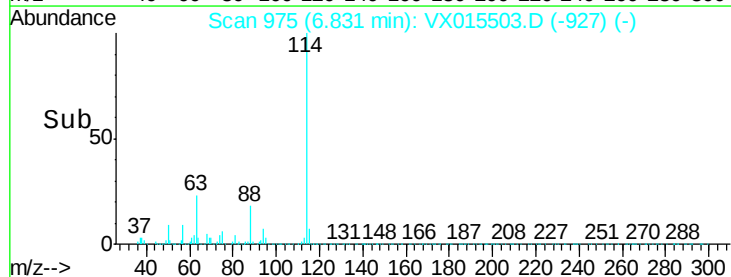
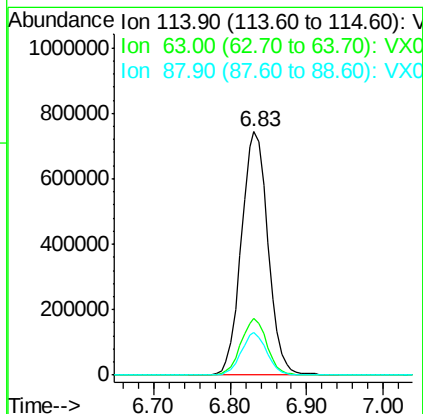
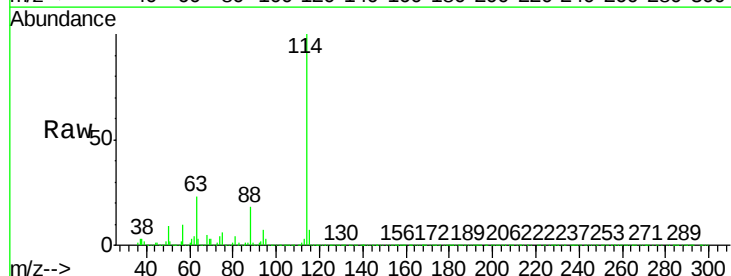
Tgt Ion: 114 Resp: 1793939

Ion Ratio Lower Upper

114 100

63 23.0 0.0 44.2

88 17.5 0.0 33.8





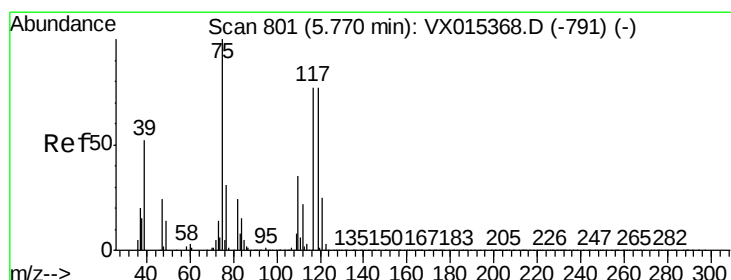
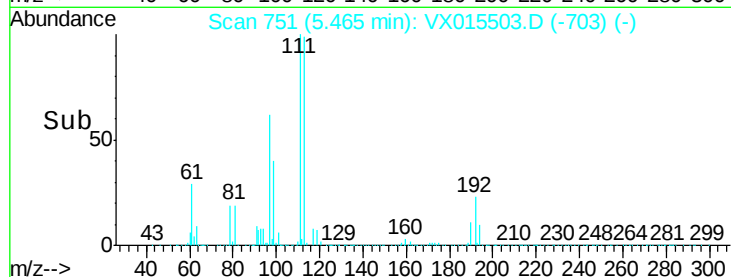
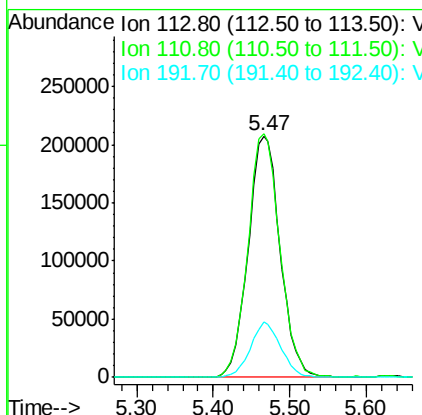
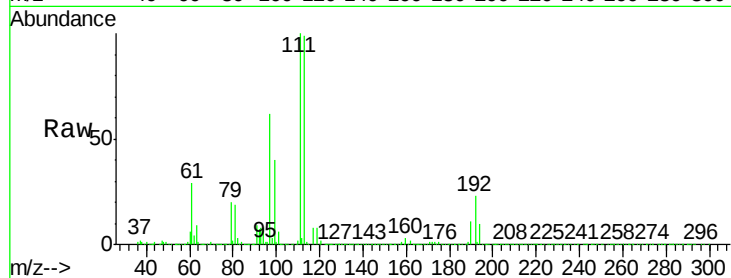
#35
 Dibromofluoromethane
 Concen: 52.449 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	601454		
111	101.3	81.5	122.3	
192	21.8	17.8	26.6	

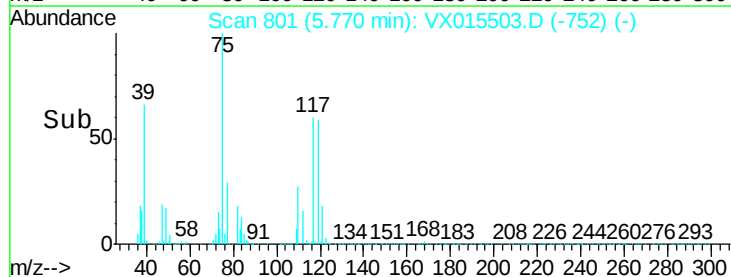
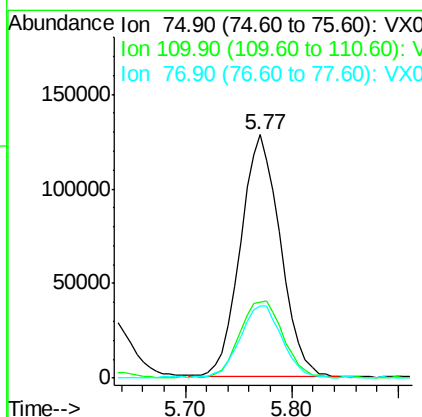
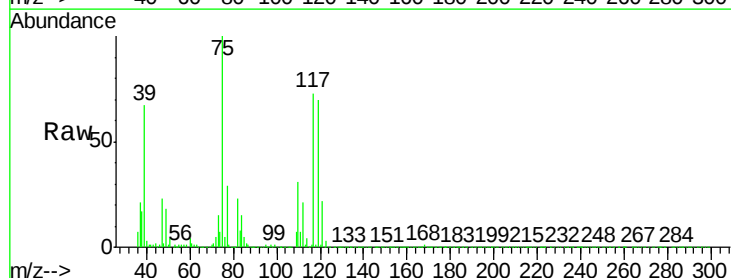
Manual Integrations
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 4/7/2020 11:58:58 AM



#36
 1,1-Dichloropropene
 Concen: 20.359 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	336512		
110	34.6	17.1	51.3	
77	31.1	24.6	36.8	





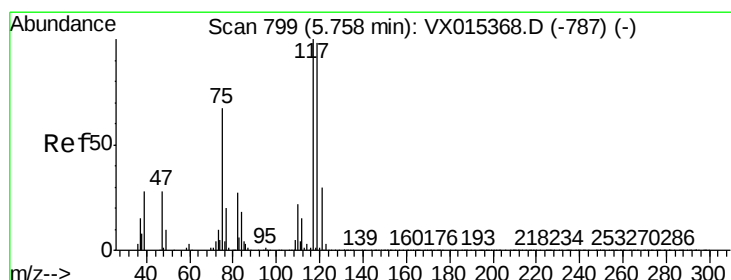
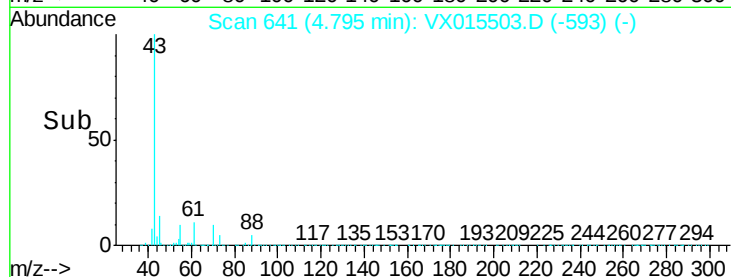
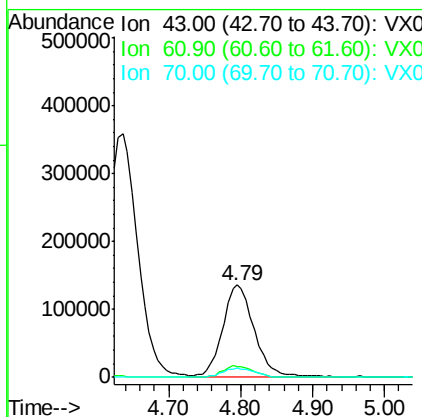
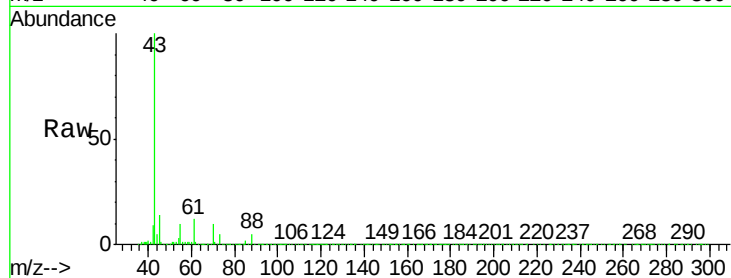
#37
Ethyl Acetate
Concen: 18.646 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.8	9.9	14.9
70	9.7	8.1	12.1

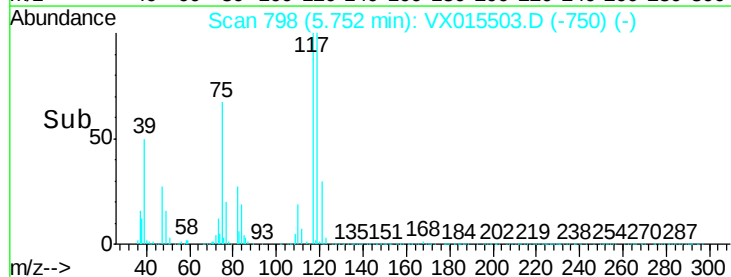
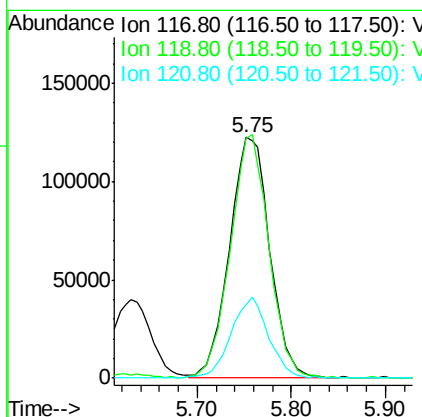
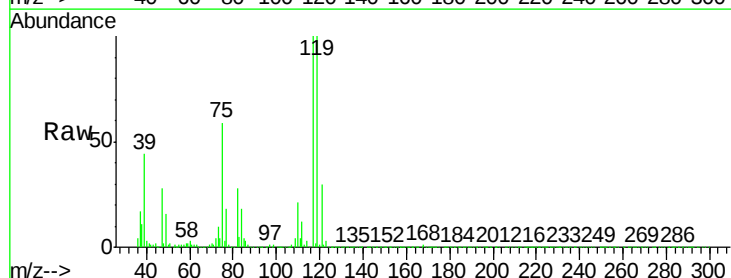
Manual Integrations
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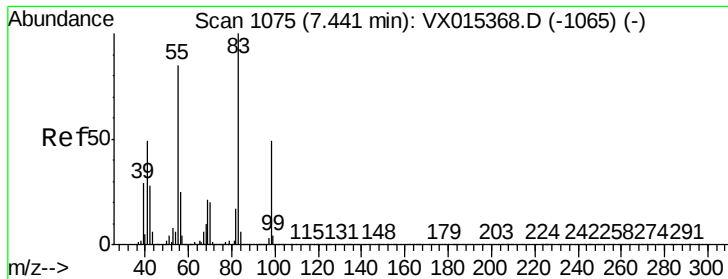
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4/7/2020 11:58:58 AM



#38
Carbon Tetrachloride
Concen: 20.228 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	78.0	117.0
121	30.3	23.8	35.8





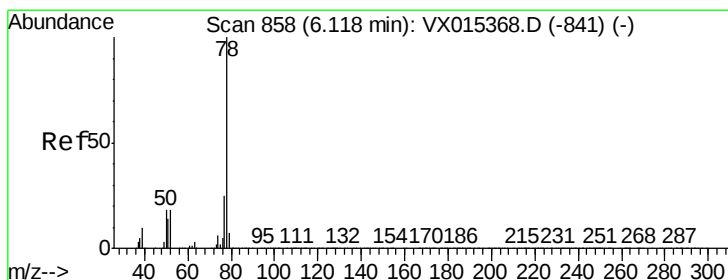
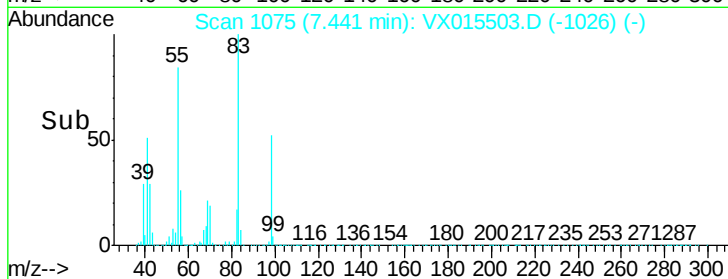
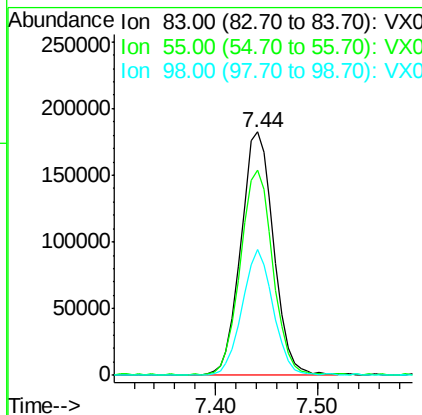
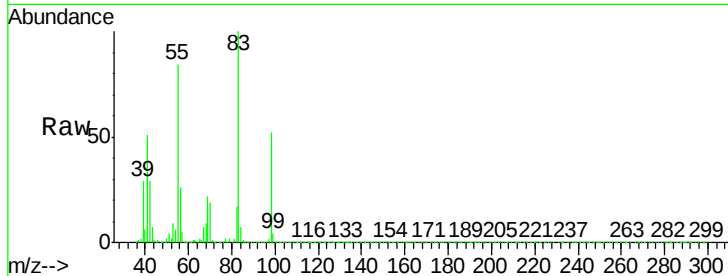
#39
Methvlcvclohexane
Concen: 21.213 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.1	67.8	101.6
98	51.5	39.3	58.9

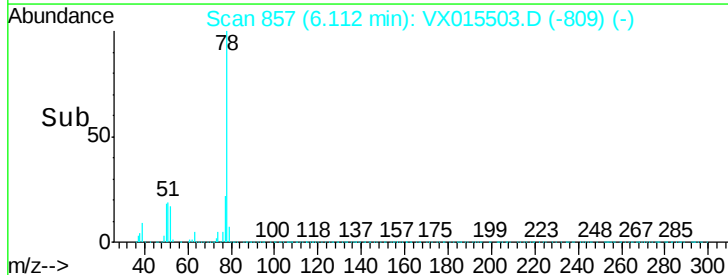
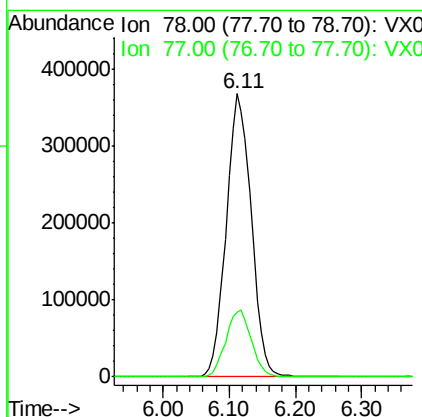
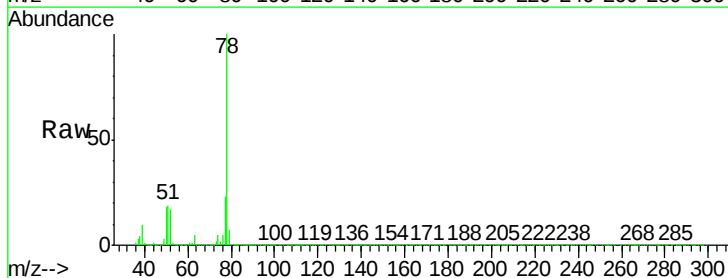
Manual Integrations
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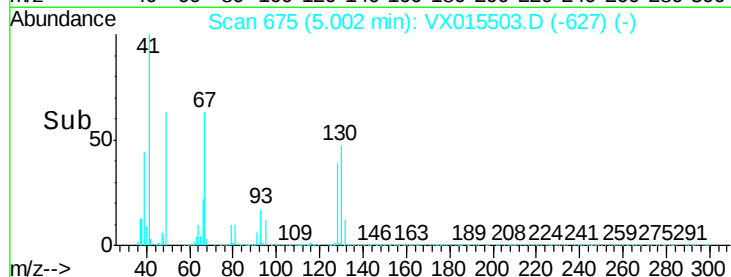
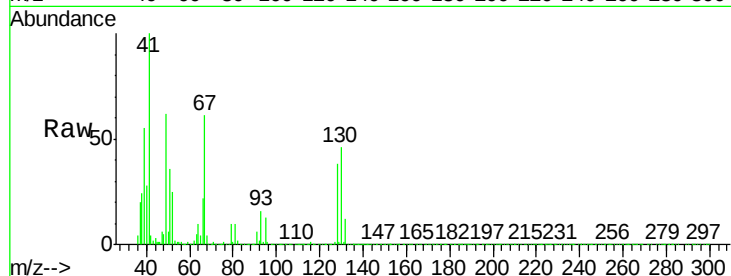
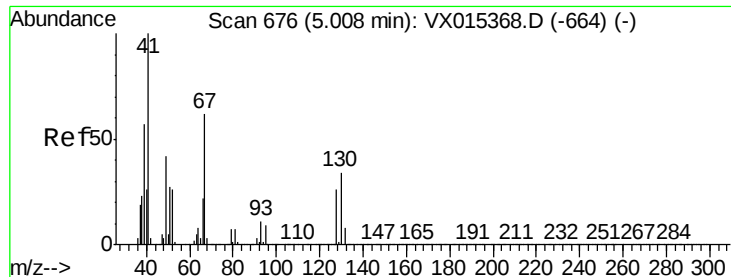
MMDadoda
4/7/2020 11:58:58 AM



#40
Benzene
Concen: 19.810 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.8	29.8





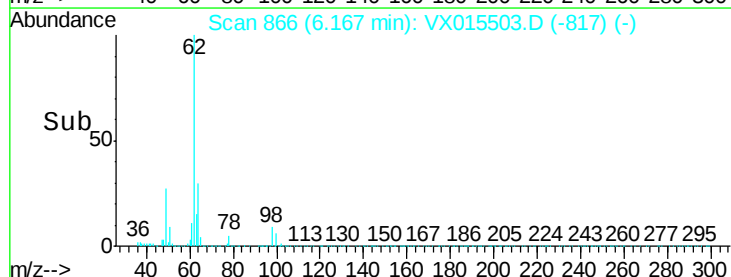
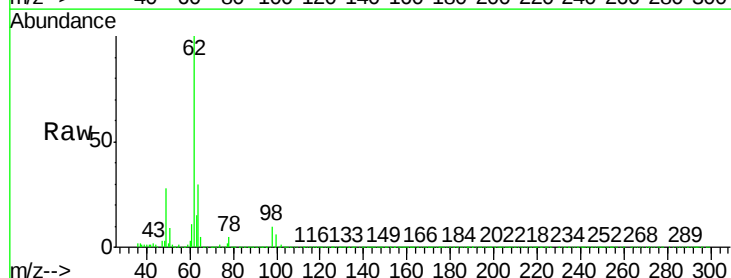
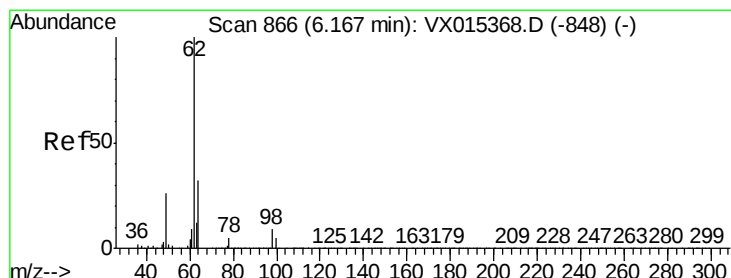
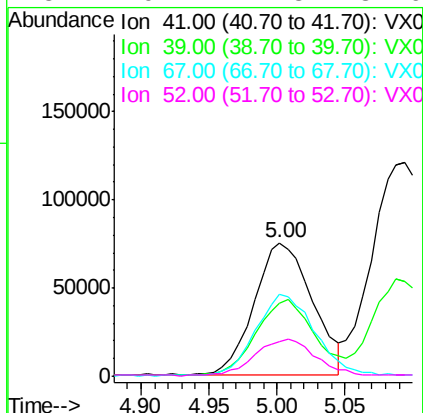
#41
Methacrylonitrile
Concen: 18.606 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		222293		
39	57.9	44.5	66.7		
67	62.6	48.9	73.3		
52	29.2	21.8	32.6		

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

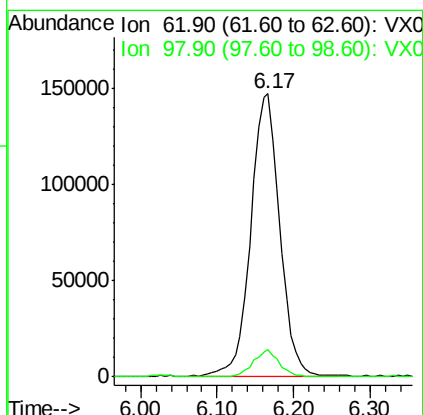
Manual Integrations
APPROVED

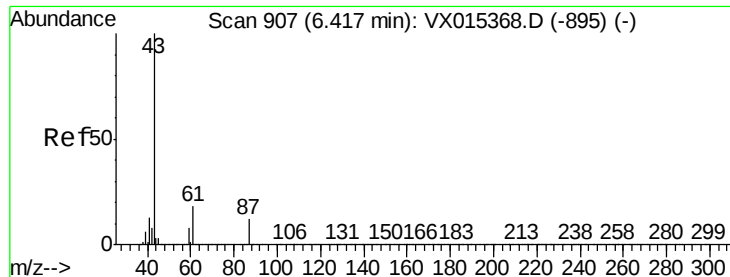
MMDadoda
4/7/2020 11:58:58 AM



#42
1,2-Dichloroethane
Concen: 19.964 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		388281		
98	8.5	0.0	17.6		





#43

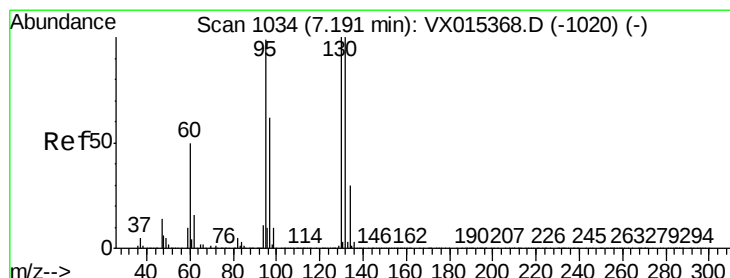
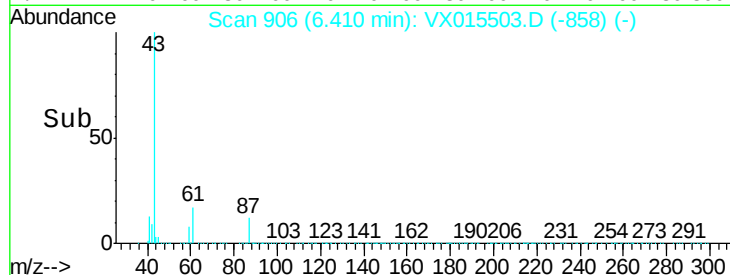
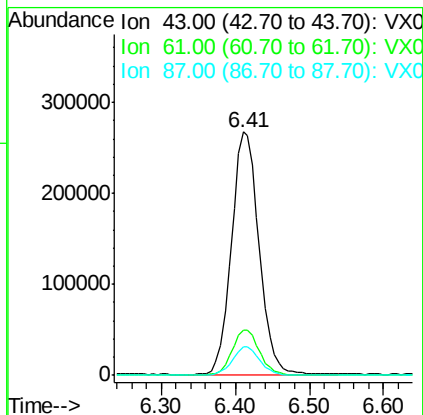
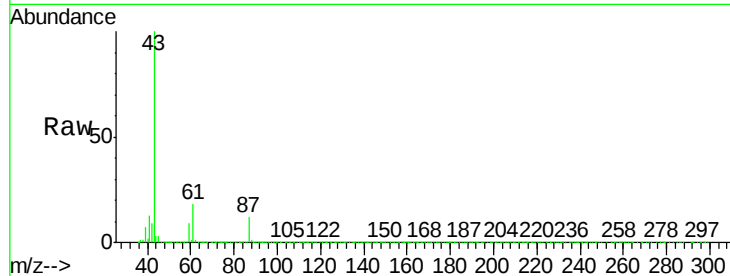
Isopropyl Acetate
 Concen: 18.961 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.8	22.2
87	11.7	9.4	14.0

Manual Integrations
 APPROVED

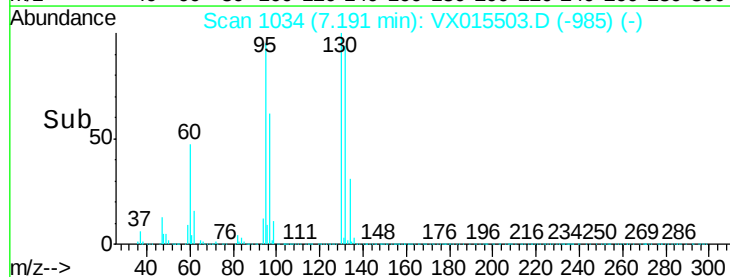
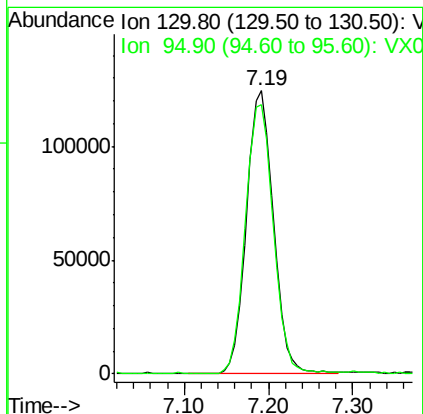
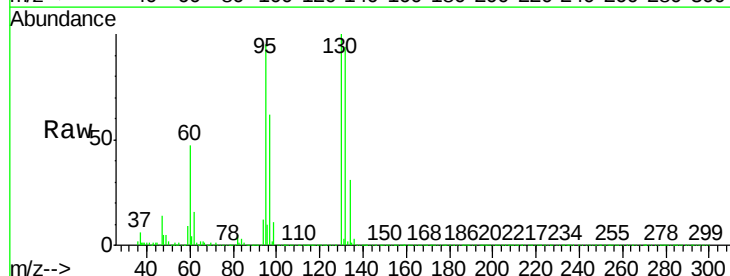
MMDadoda
 4/7/2020 11:58:58 AM

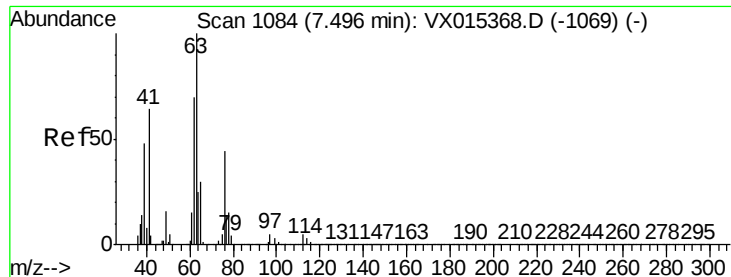


#44

Trichloroethene
 Concen: 20.252 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	199.0





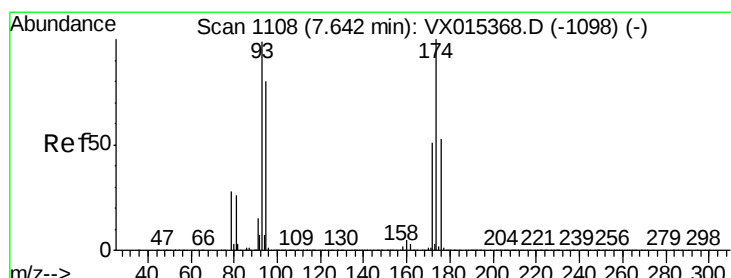
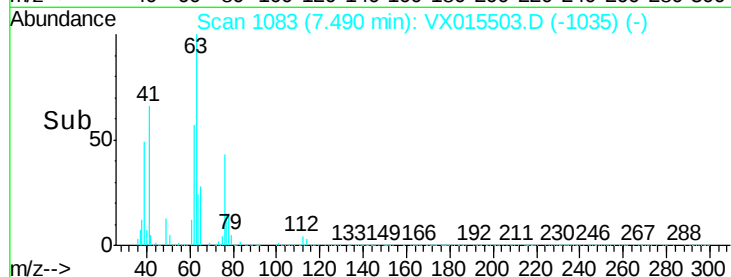
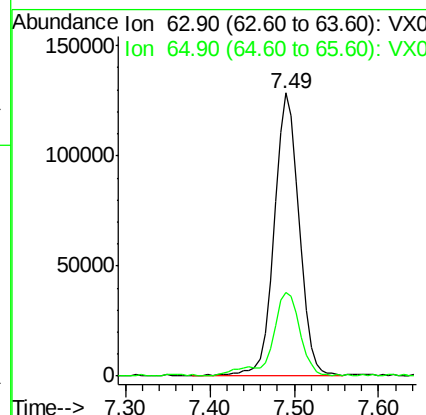
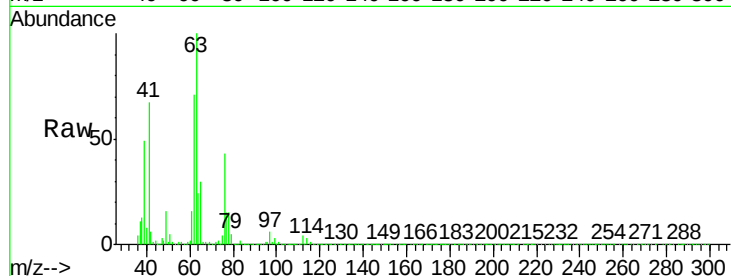
#45
 1,2-Dichloropropane
 Concen: 19.884 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.3	23.9	35.9

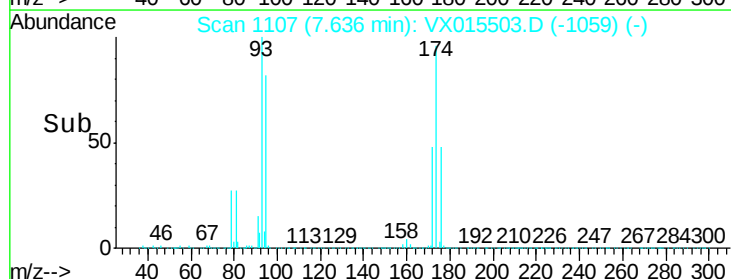
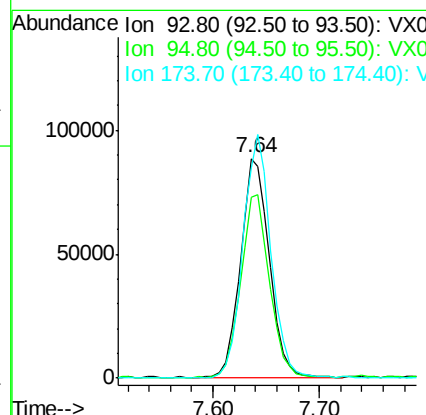
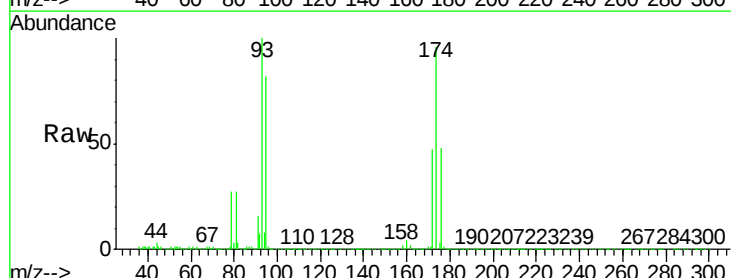
Manual Integrations
 APPROVED

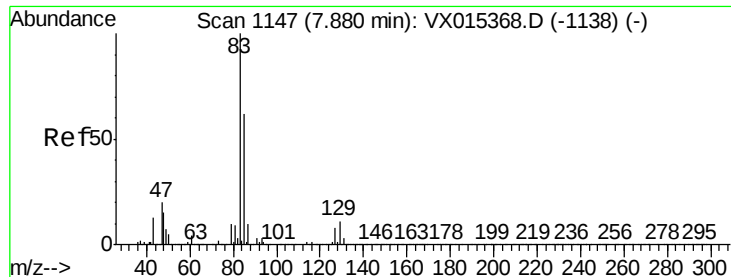
MMDadoda
 4/7/2020 11:58:58 AM



#46
 Dibromomethane
 Concen: 19.378 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.6	65.8	98.8
174	107.1	86.2	129.2





#47

Bromodichloromethane

Concen: 19.771 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

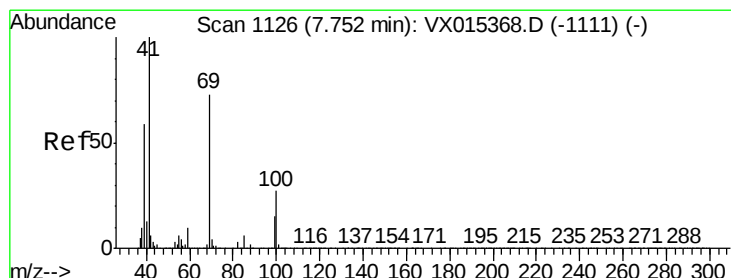
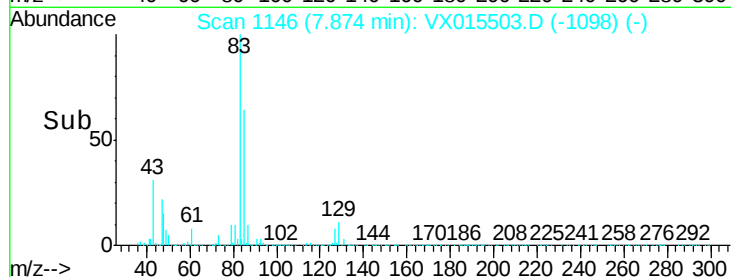
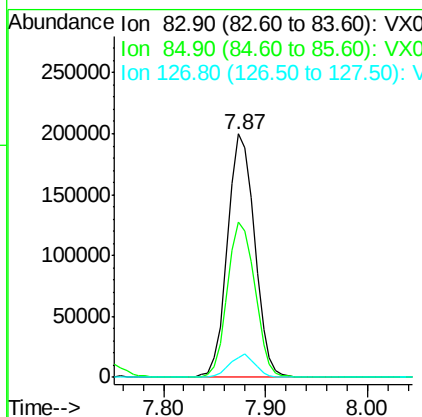
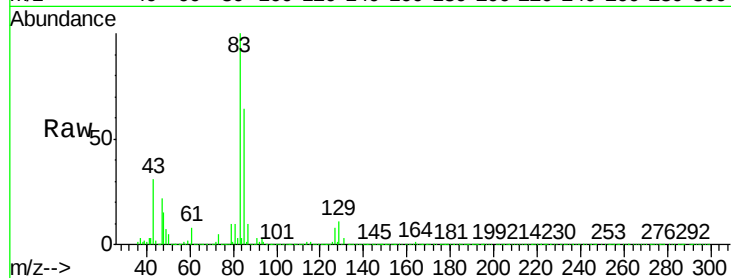
ClientSampled :

VX0406WBS01

Tot Ion:	83	Resp:	366032
Ion Ratio	Lower	Upper	
83	100		
85	64.0	49.7	74.5
127	8.0	6.7	10.1

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#48

Methyl methacrylate

Concen: 19.086 ug/l

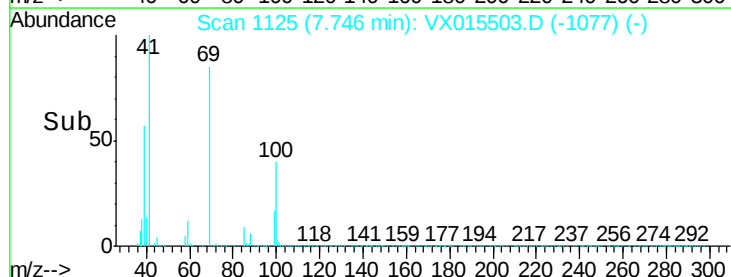
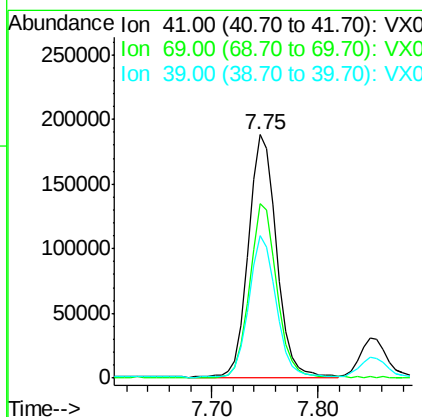
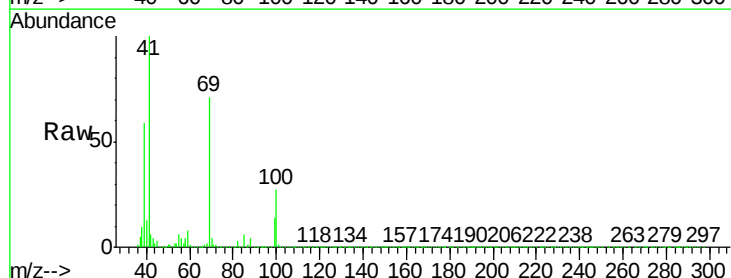
RT: 7.75 min Scan# 1125

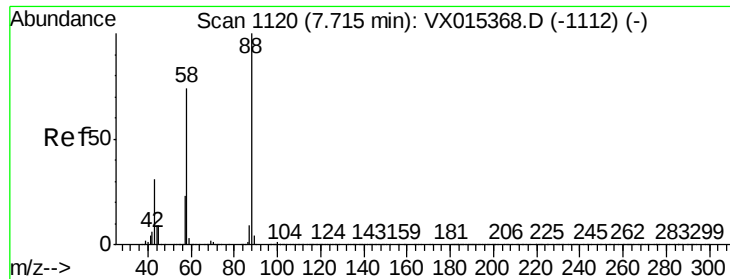
Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion:	41	Resp:	346364
Ion Ratio	Lower	Upper	
41	100		
69	69.8	56.7	85.1
39	56.9	46.5	69.7





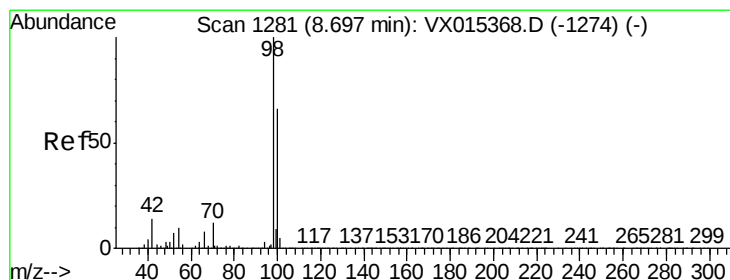
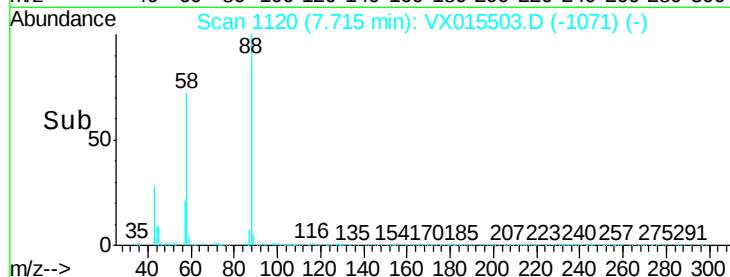
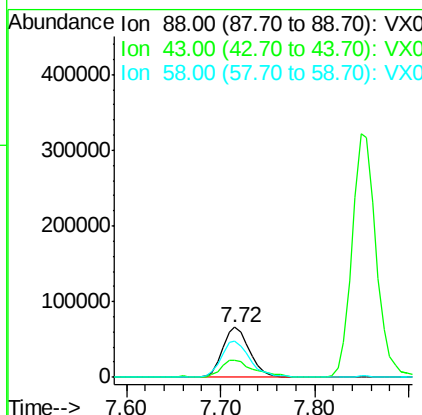
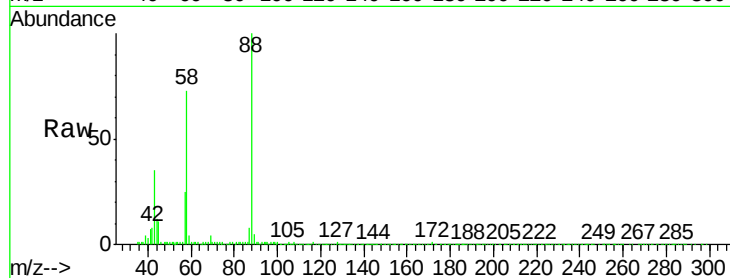
#49
1,4-Dioxane
Concen: 386.437 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	30.1	45.1
58	75.2	60.6	90.8

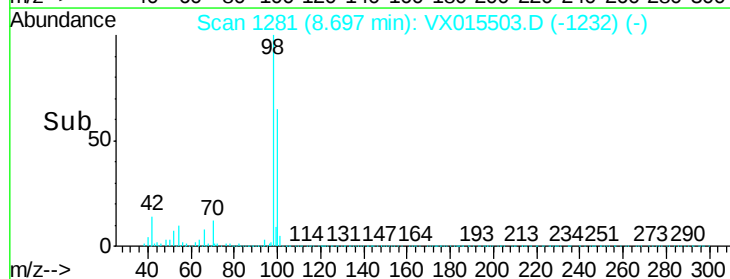
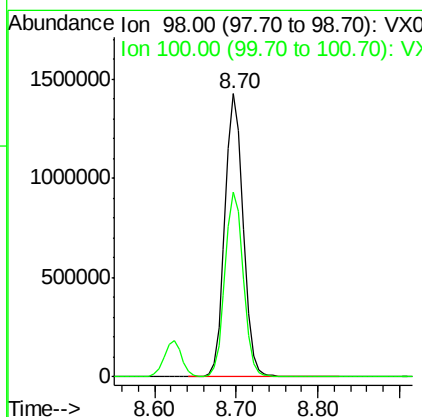
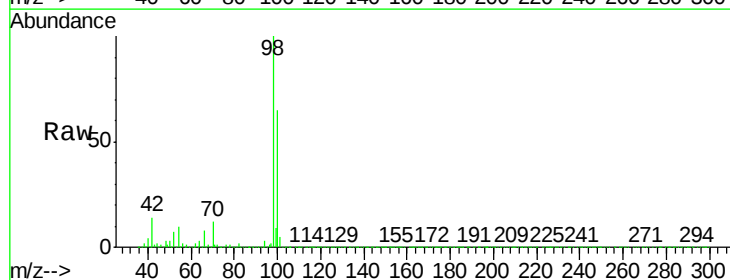
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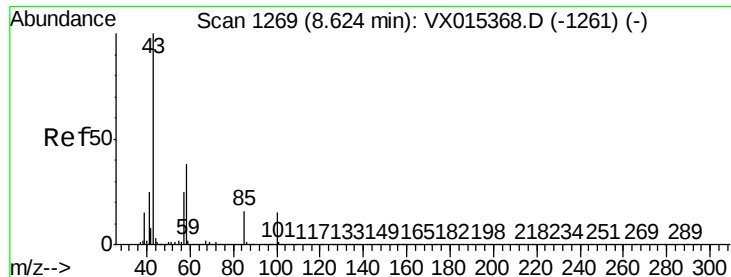
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#50
Toluene-d8
Concen: 52.257 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.5	80.3





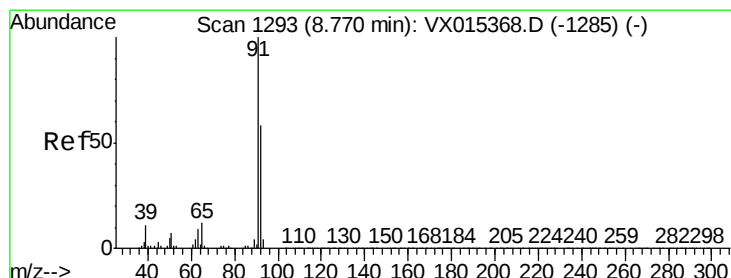
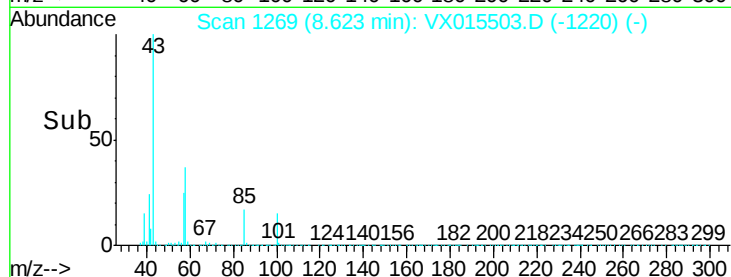
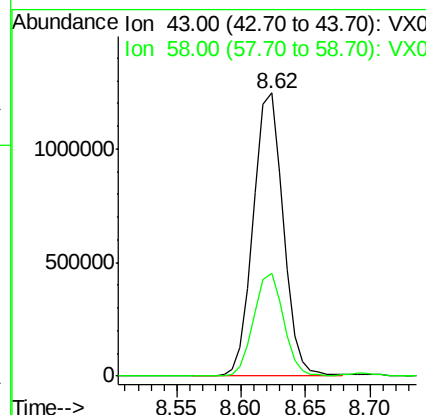
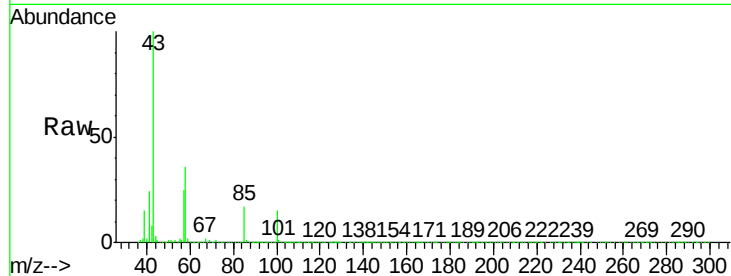
#51
4-Methyl-2-Pentanone
Concen: 96.965 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion: 43 Resp: 1996492
Ion Ratio Lower Upper
43 100
58 36.3 29.7 44.5

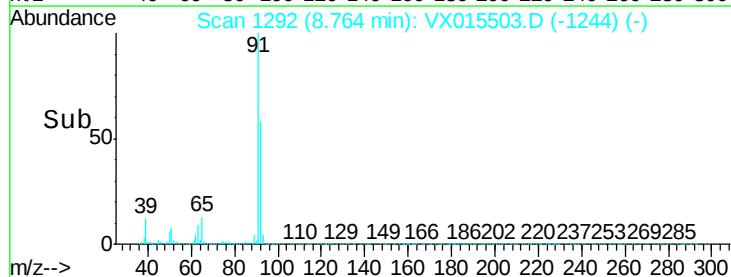
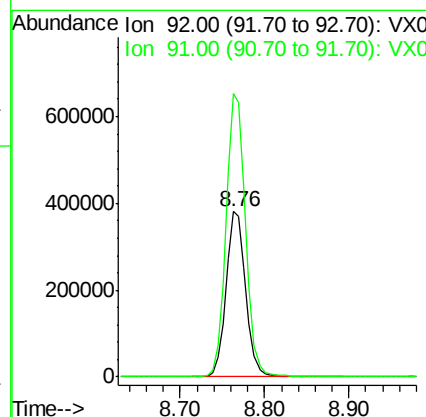
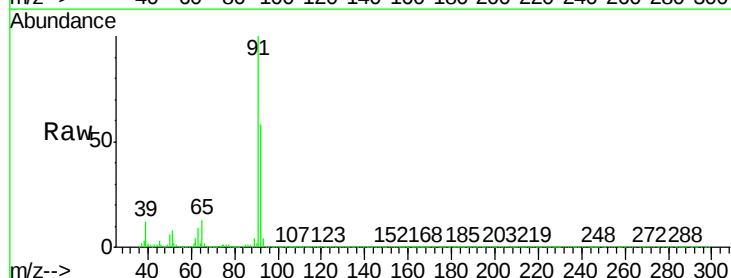
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#52
Toluene
Concen: 20.317 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 92 Resp: 606480
Ion Ratio Lower Upper
92 100
91 171.5 136.6 205.0





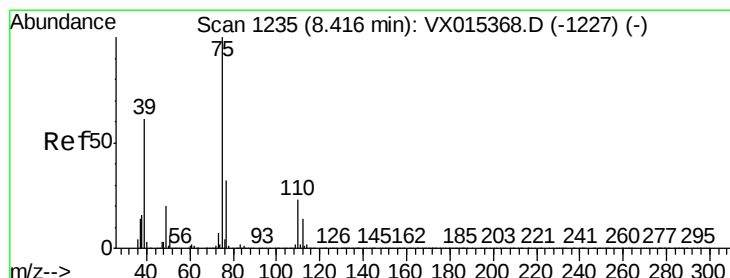
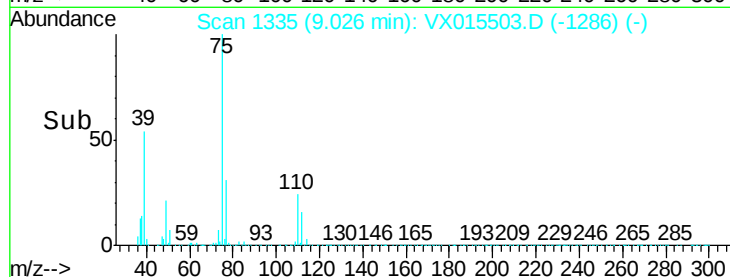
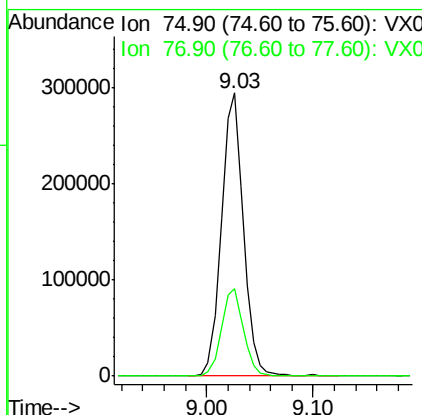
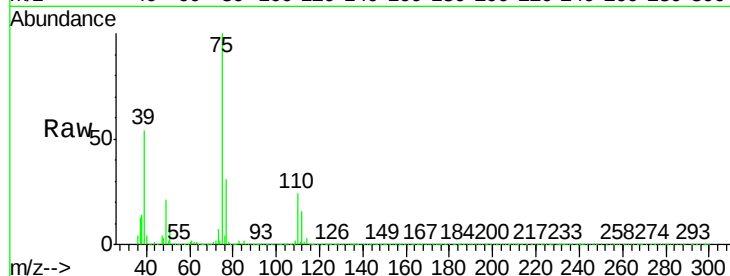
#53
t-1,3-Dichloropropene
Concen: 19.517 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion: 75 Resp: 423787
Ion Ratio Lower Upper
75 100
77 30.8 24.1 36.1

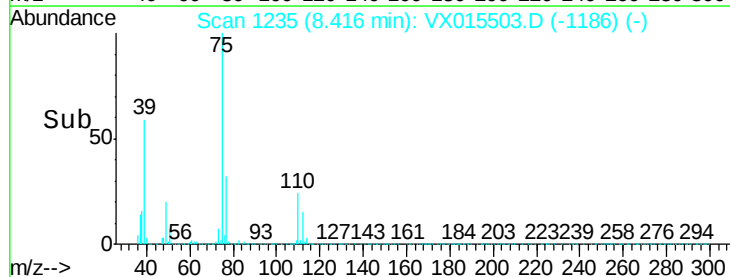
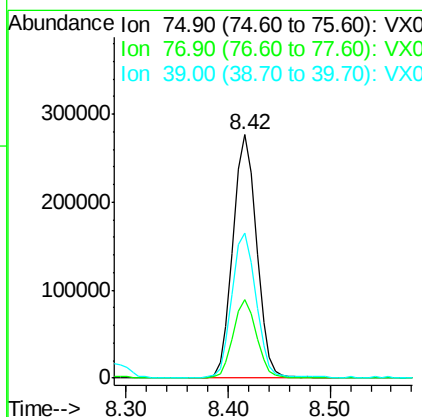
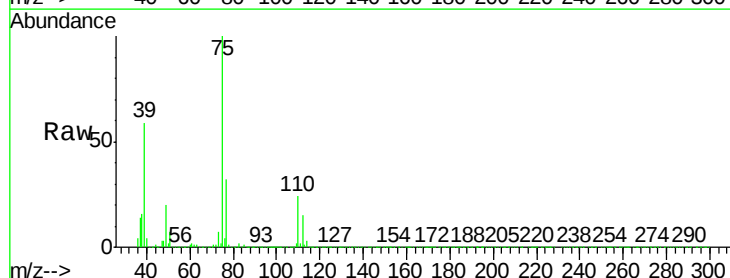
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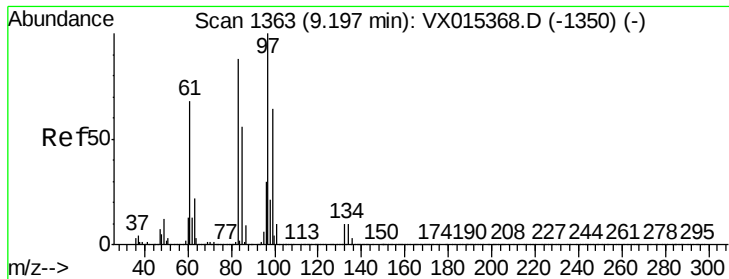
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.077 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 75 Resp: 444069
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.6
39 59.2 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.831 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

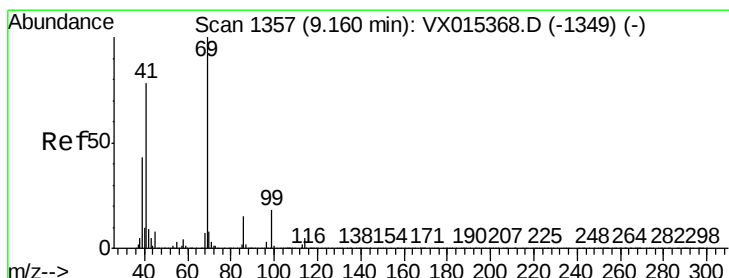
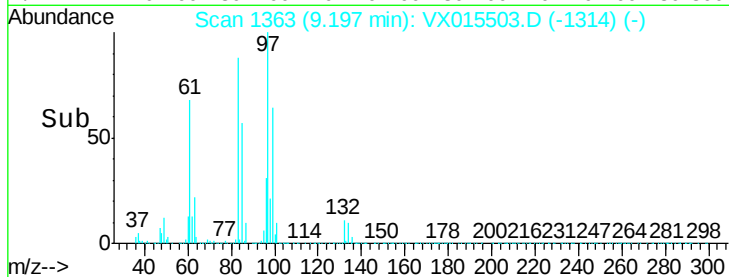
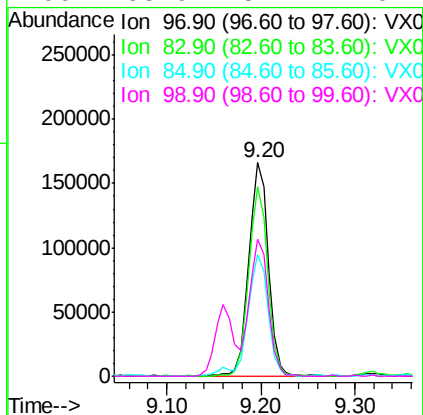
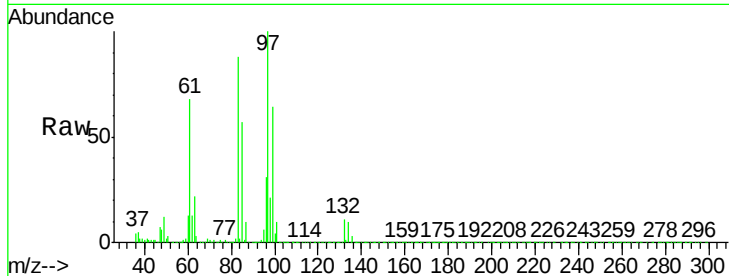
ClientSampleId :

VX0406WBS01

Tot Ion:	97	Resp:	242539
Ion	Ratio	Lower	Upper
97	100		
83	88.3	70.2	105.4
85	56.5	44.7	67.1
99	63.9	51.1	76.7

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#56

Ethyl methacrylate

Concen: 19.320 ug/l

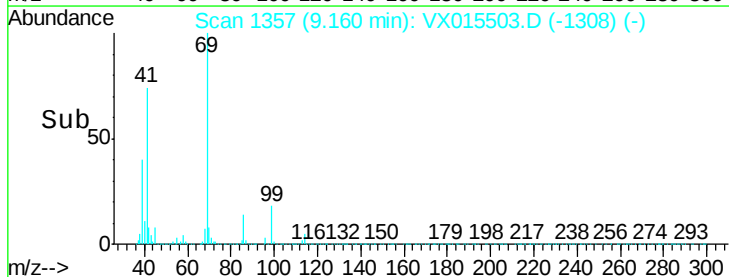
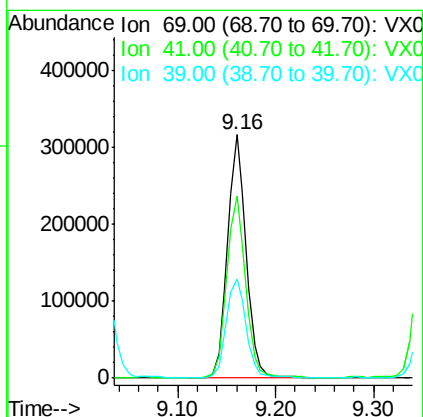
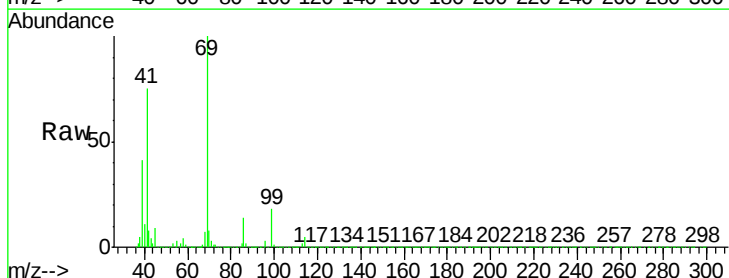
RT: 9.16 min Scan# 1357

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion:	69	Resp:	416419
Ion	Ratio	Lower	Upper
69	100		
41	76.1	61.6	92.4
39	42.9	34.0	51.0





#57

1,3-Dichloropropane

Concen: 19.615 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tot Ion: 76 Resp: 432210

Ion Ratio Lower Upper

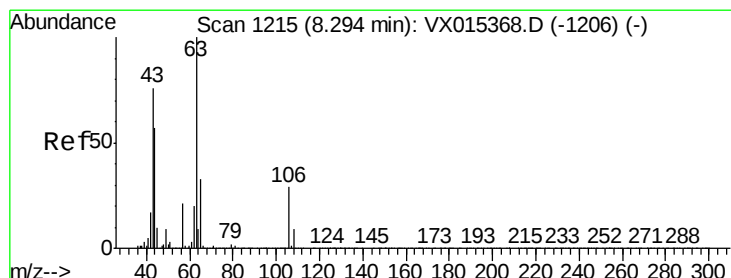
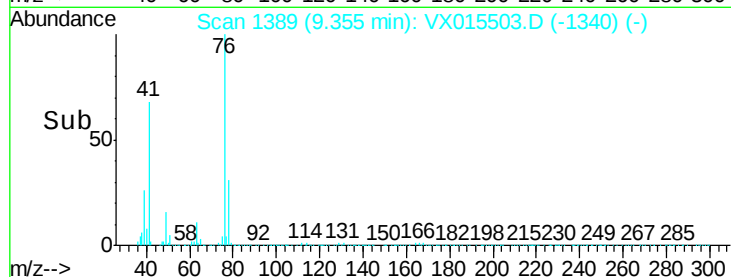
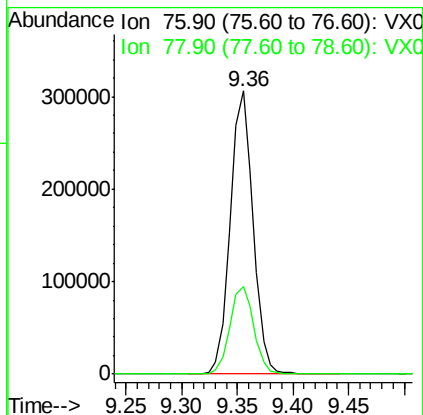
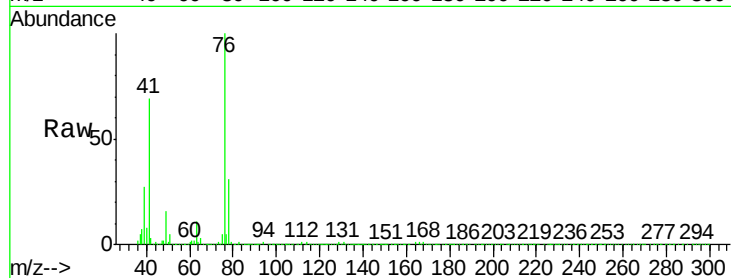
76 100

78 32.2 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 98.180 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015503.D

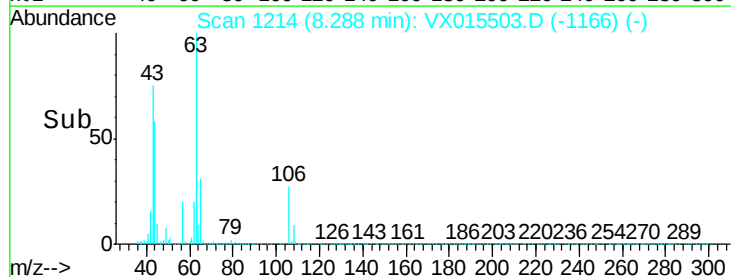
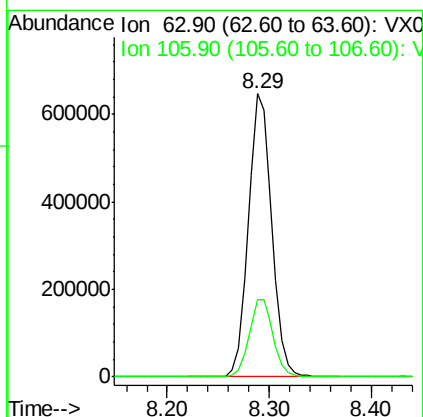
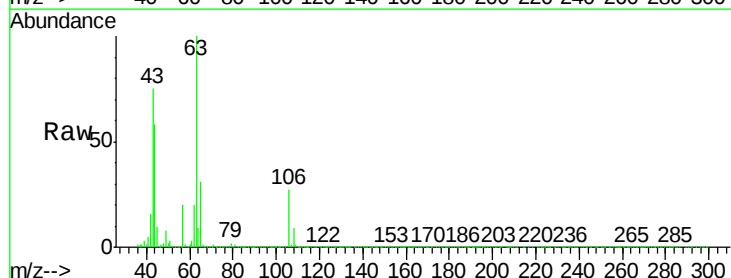
Acq: 06 Apr 2020 11:33

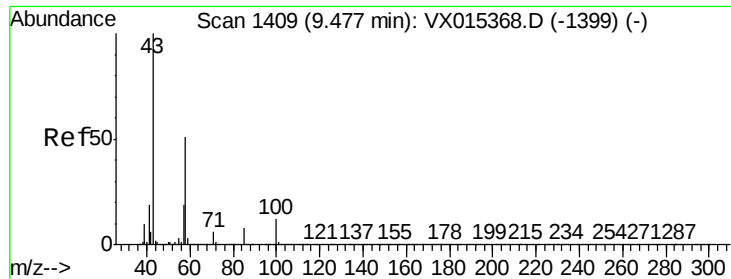
Tgt Ion: 63 Resp: 1029326

Ion Ratio Lower Upper

63 100

106 28.1 22.7 34.1





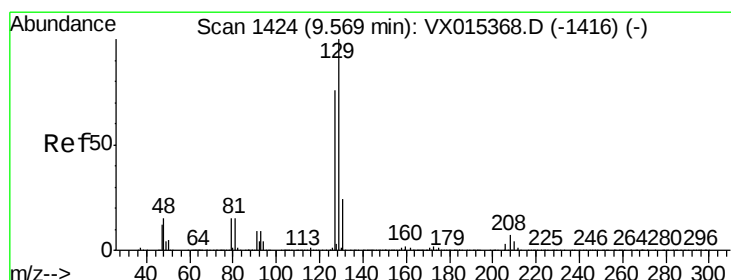
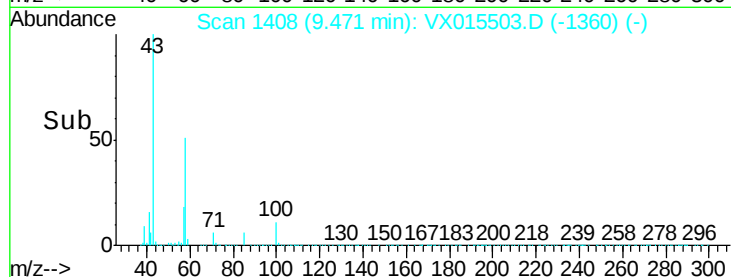
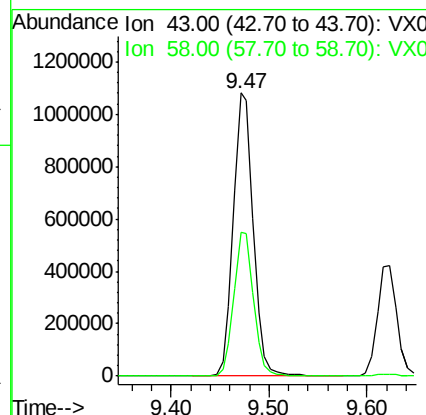
#59
2-Hexanone
Concen: 97.937 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion: 43 Resp: 1522422
Ion Ratio Lower Upper
43 100
58 50.7 25.6 76.6

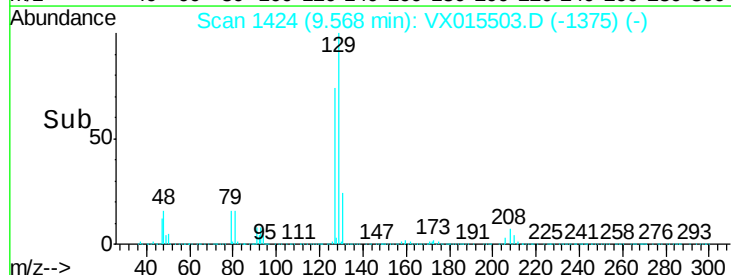
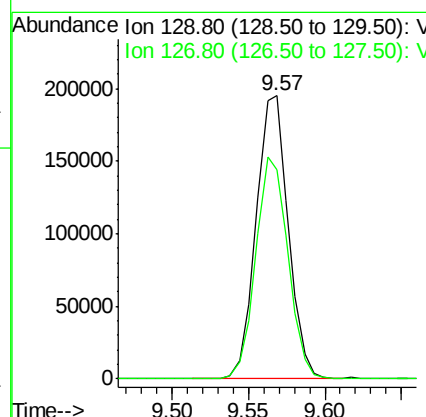
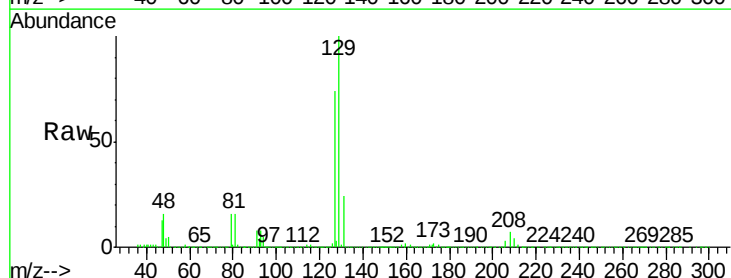
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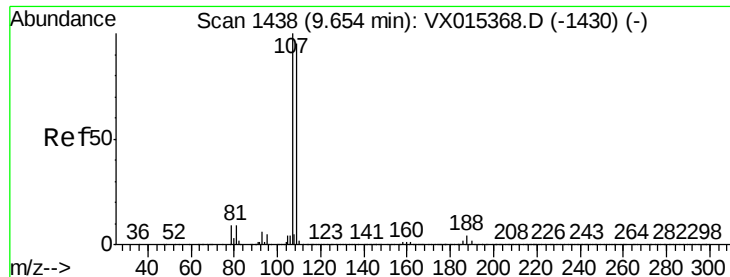
MMDadoda
4/7/2020 11:58:58 AM



#60
Dibromochloromethane
Concen: 19.427 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion:129 Resp: 285503
Ion Ratio Lower Upper
129 100
127 78.9 38.2 114.6





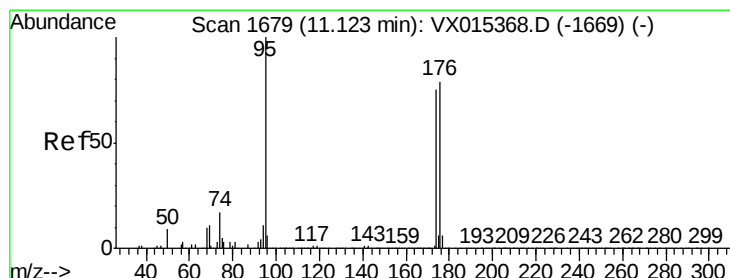
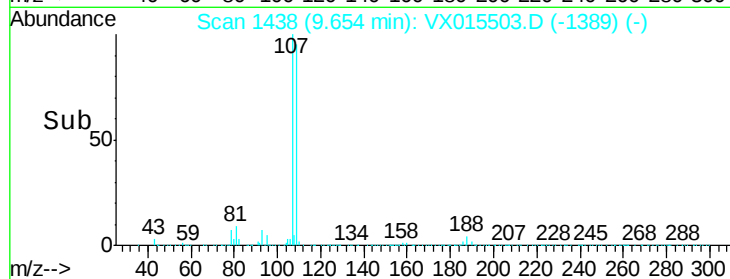
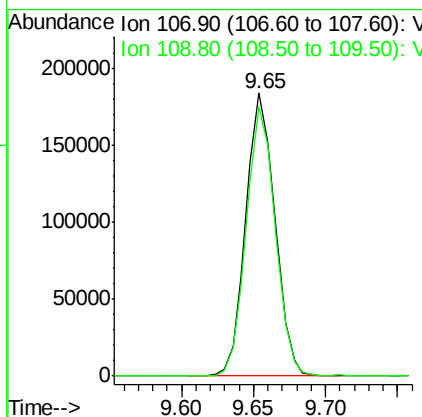
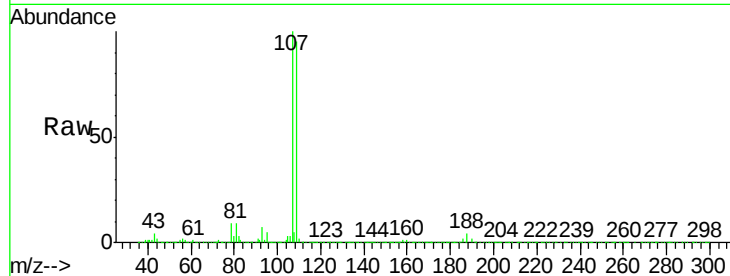
#61
 1,2-Dibromoethane
 Concen: 19.270 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	256266		
109	94.7	74.8	112.2	

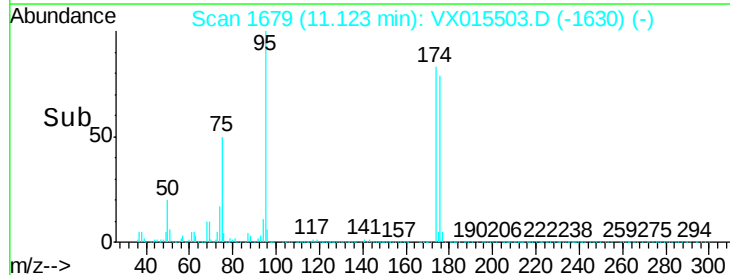
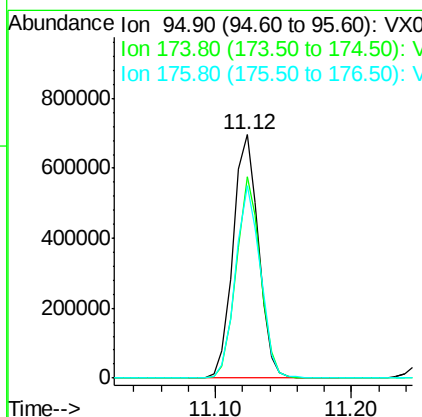
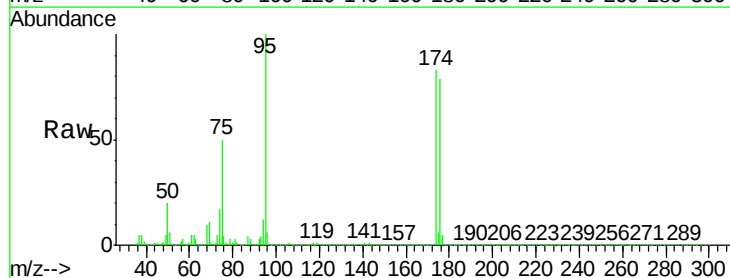
Manual Integrations
 APPROVED

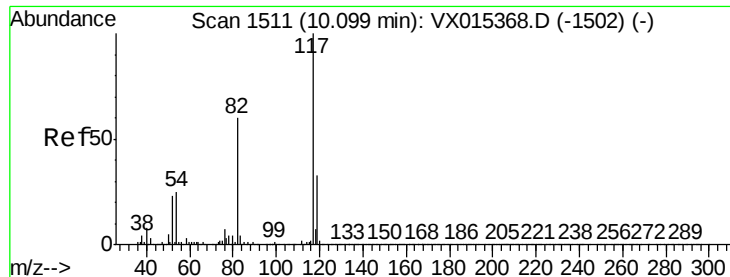
MMDadoda
 4/7/2020 11:58:58 AM



#62
 4-Bromofluorobenzene
 Concen: 52.509 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	900956		
174	78.9	0.0	158.6	
176	77.8	0.0	159.0	





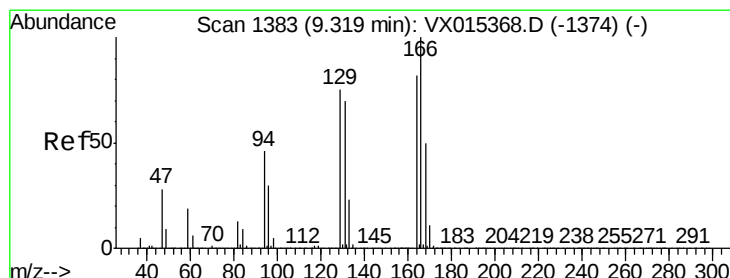
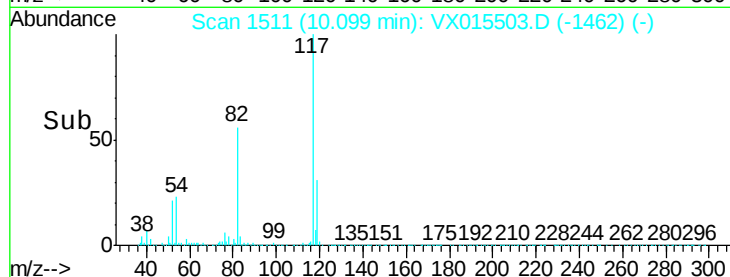
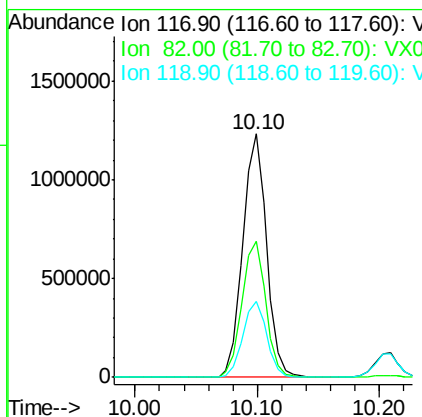
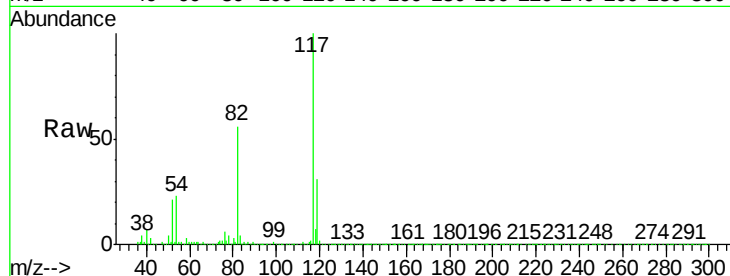
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.0	47.8	71.8
119	31.0	26.8	40.2

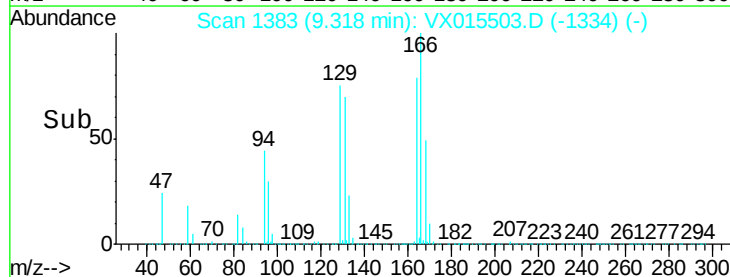
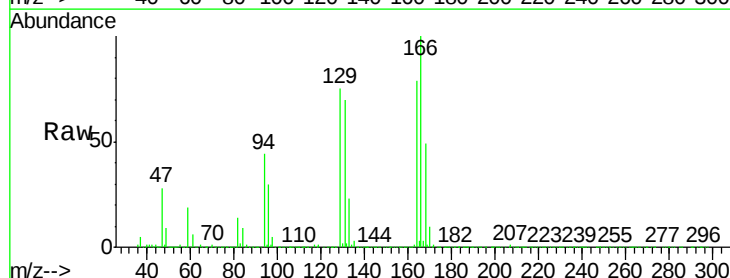
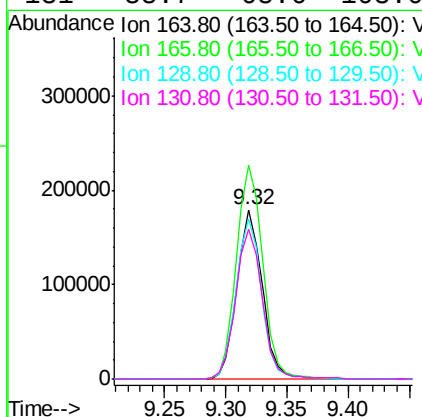
Manual Integrations
APPROVED

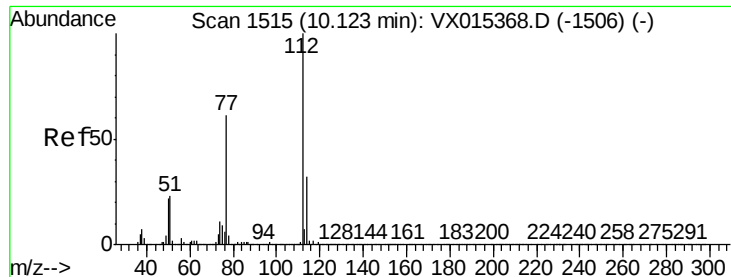
MMDadoda
4/7/2020 11:58:58 AM



#64
Tetrachloroethene
Concen: 20.554 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	97.8	146.6
129	94.2	73.0	109.4
131	88.7	68.6	103.0





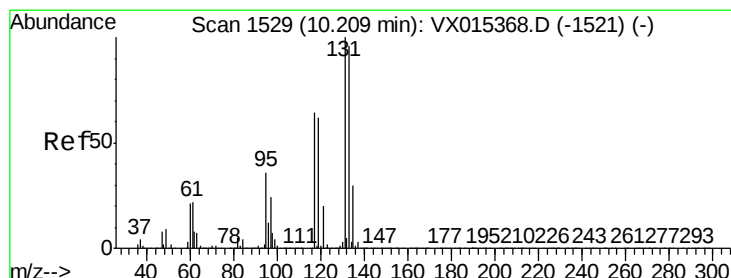
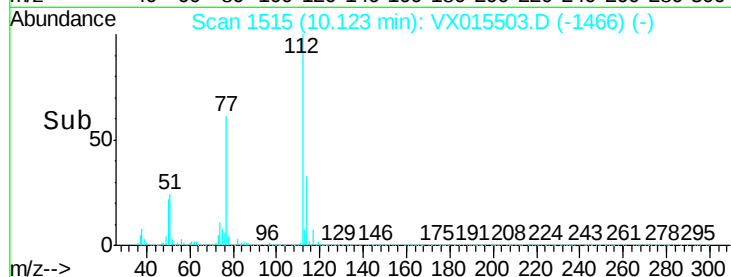
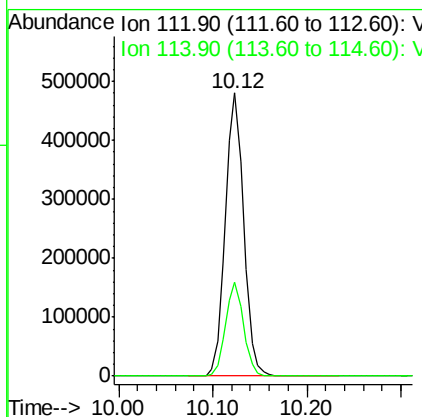
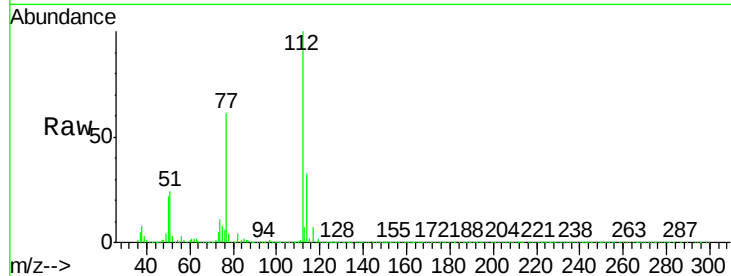
#65
Chlorobenzene
Concen: 19.800 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.5	38.3

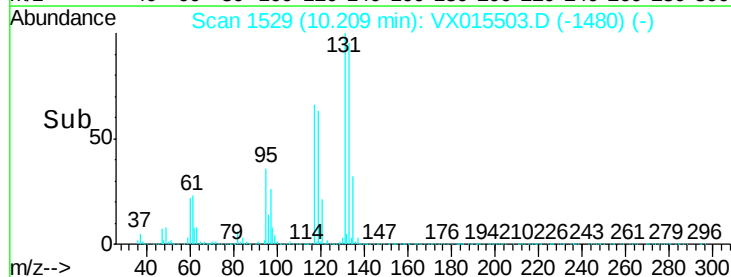
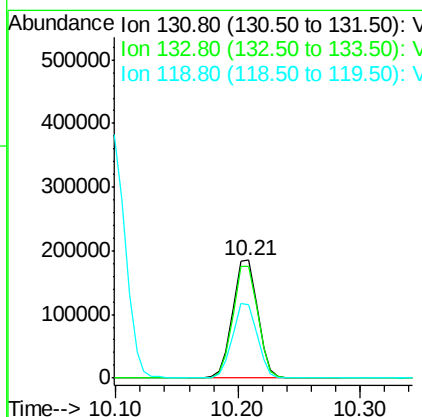
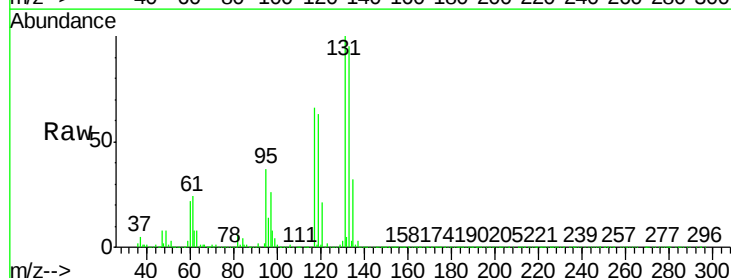
Manual Integrations
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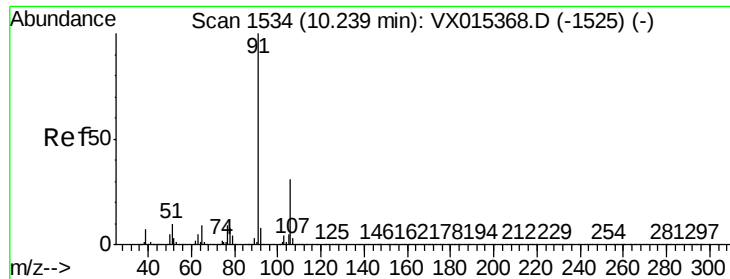
MMDadoda
4/7/2020 11:58:58 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.896 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.9	47.6	142.9
119	62.4	31.1	93.3





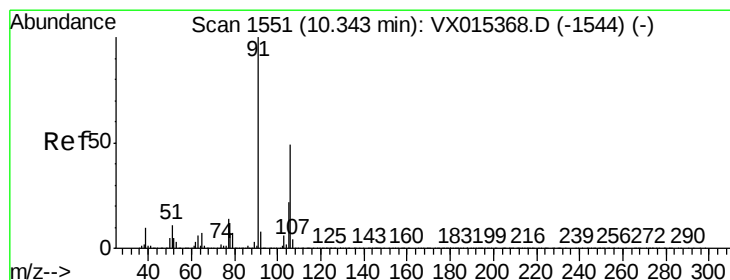
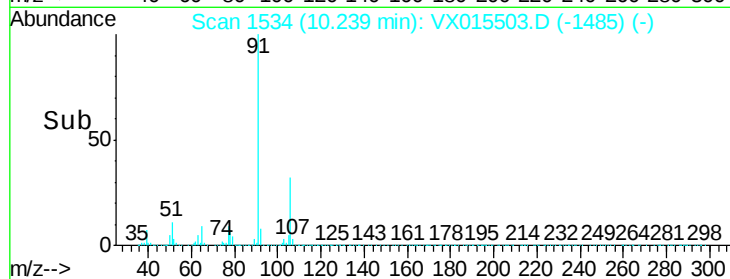
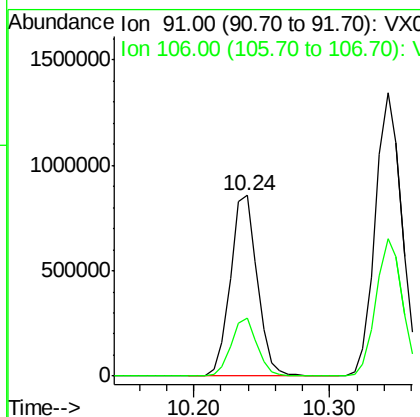
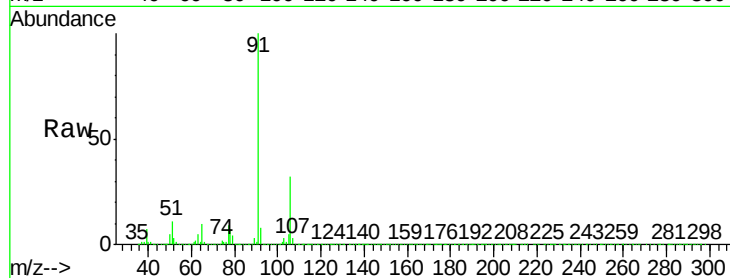
#67
Ethyl Benzene
Concen: 20.151 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

Tot Ion: 91 Resp: 1179403
Ion Ratio Lower Upper
91 100
106 31.8 24.8 37.2

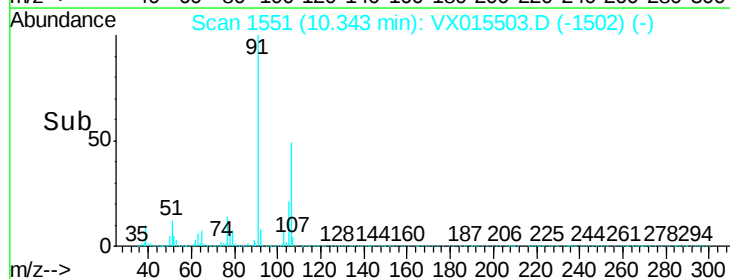
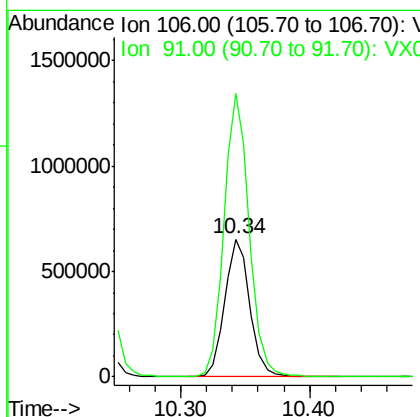
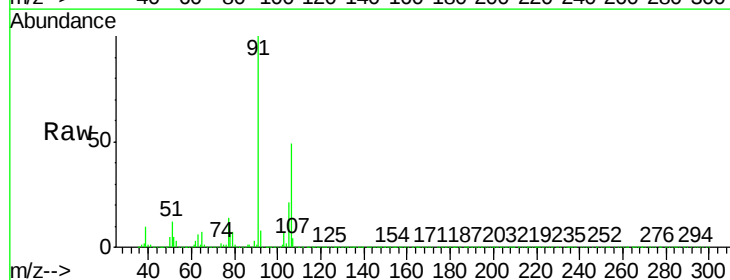
Manual Integrations
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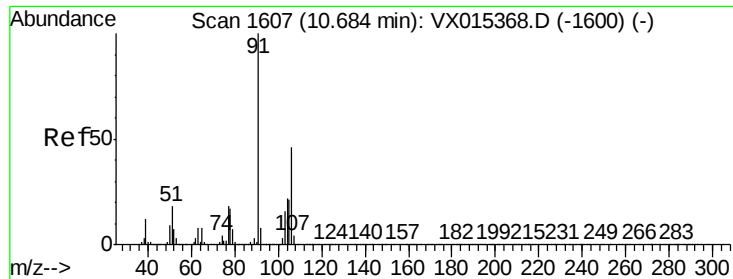
MMDadoda
4/7/2020 11:58:58 AM



#68
m/p-Xylenes
Concen: 40.895 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion: 106 Resp: 891278
Ion Ratio Lower Upper
106 100
91 206.0 163.4 245.0





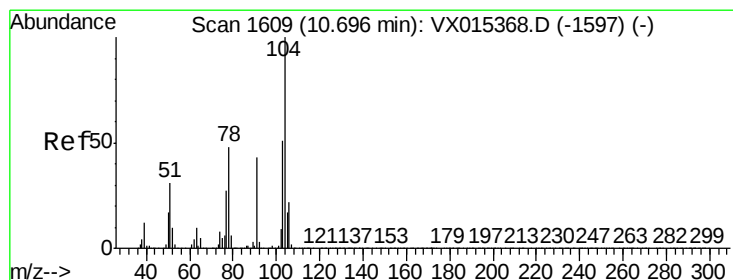
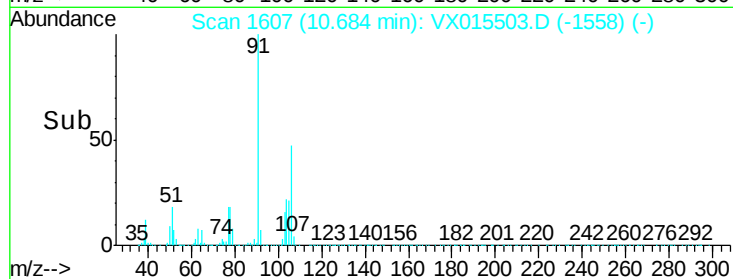
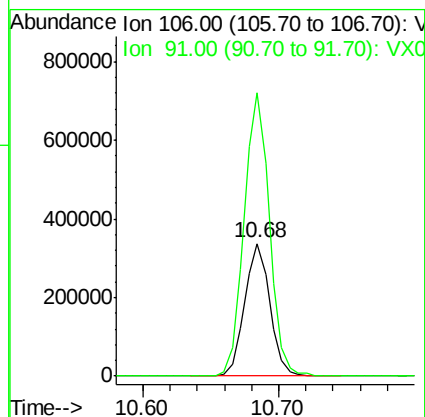
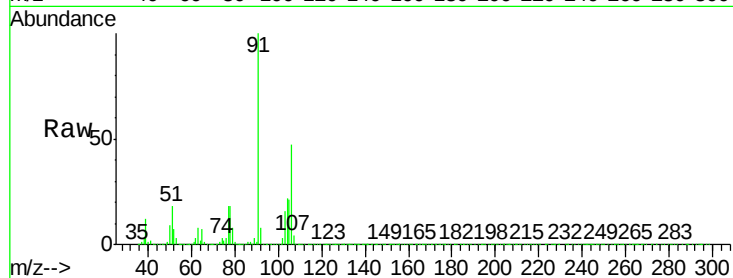
#69
o-Xylene
Concen: 20.230 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.4	107.1	321.3

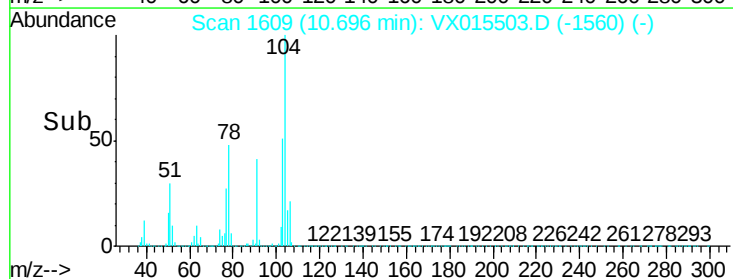
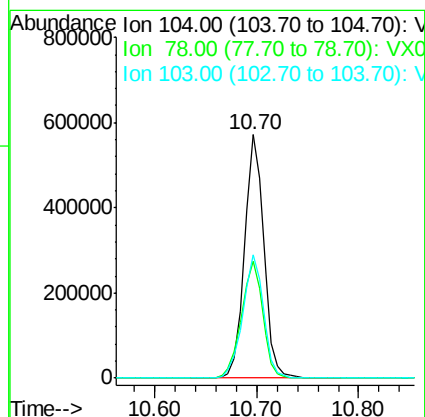
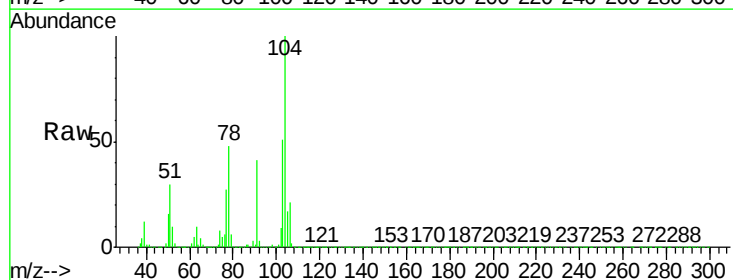
Manual Integrations
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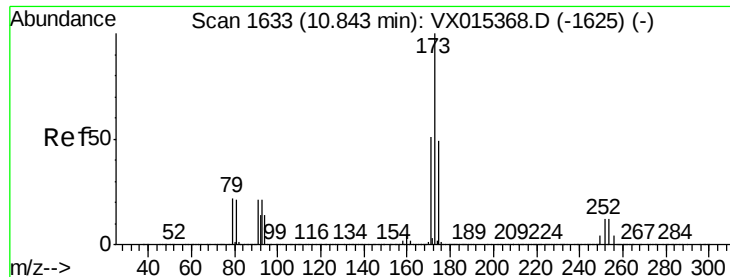
MMDadoda
4/7/2020 11:58:58 AM



#70
Styrene
Concen: 19.590 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.2	42.0	63.0
103	54.5	43.4	65.0





#71

Bromoform

Concen: 19.071 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0406WBS01

Tot Ion:173 Resp: 228878

Ion Ratio Lower Upper

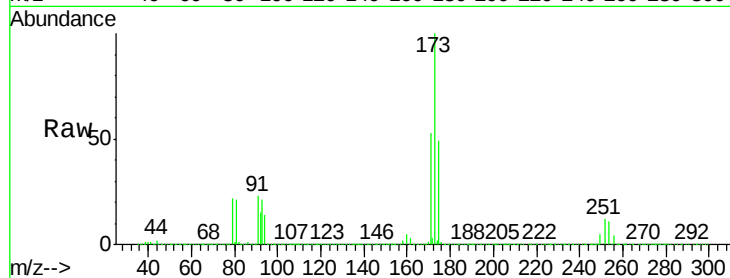
173 100

175 47.3 23.9 71.7

254 0.1 0.1 0.1#

Manual Integrations
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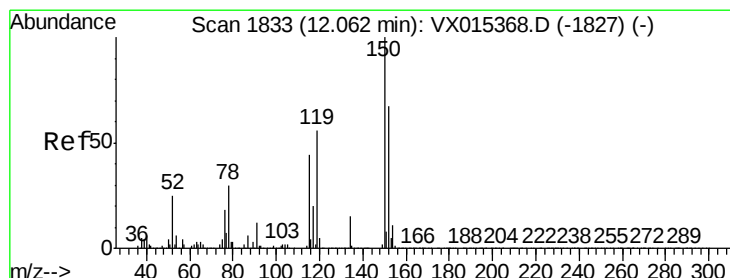
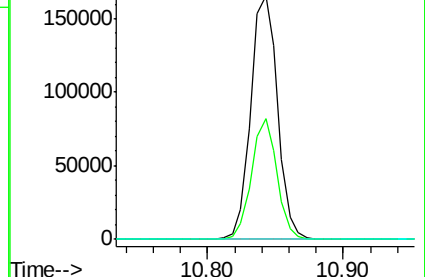
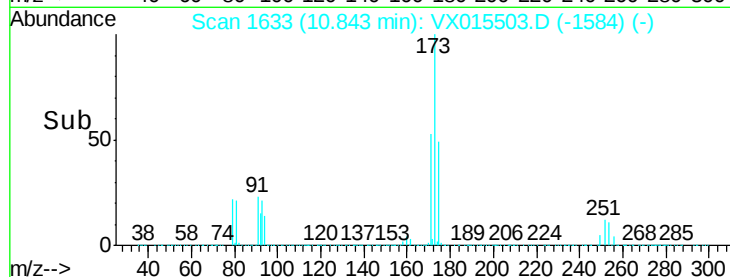
MMDadoda
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

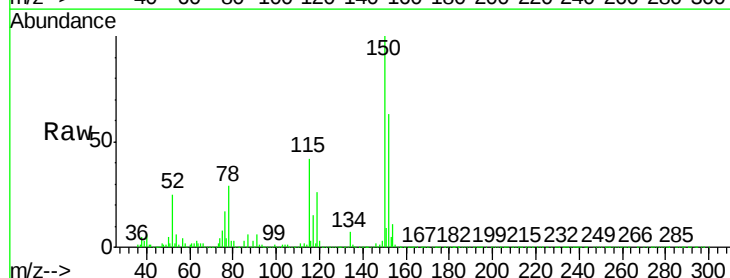
Tgt Ion:152 Resp: 842126

Ion Ratio Lower Upper

152 100

115 68.5 39.0 116.9

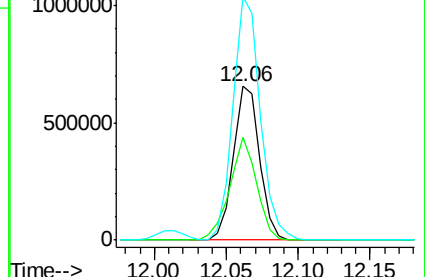
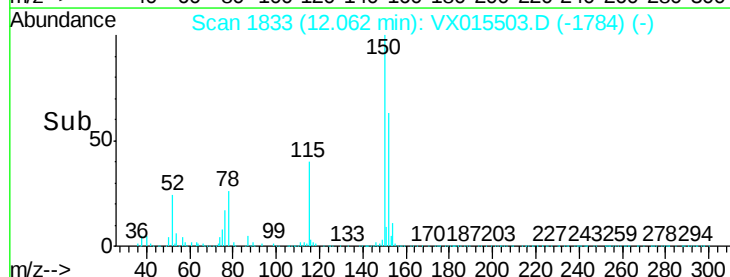
150 164.7 0.0 340.8

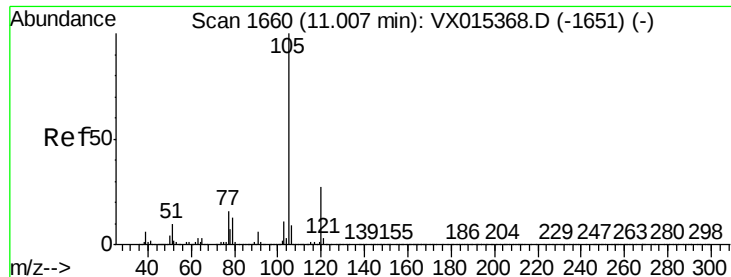


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.257 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

Tot Ion: 105 Resp: 1172923

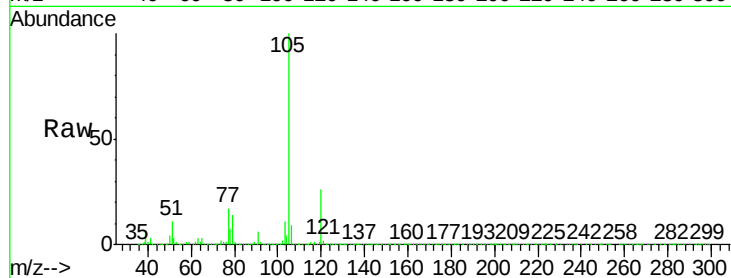
Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5

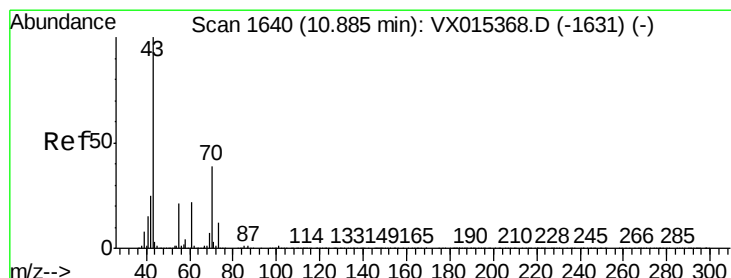
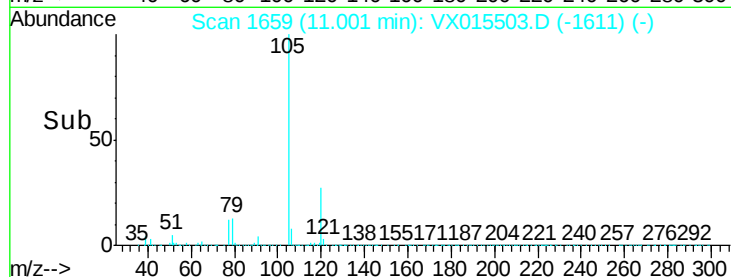
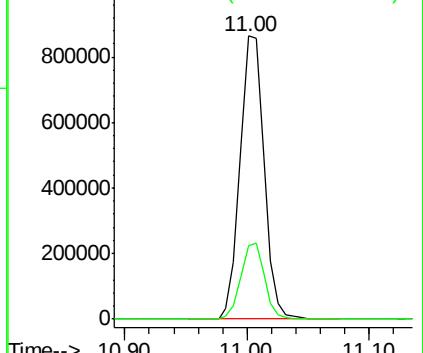
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.150 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion: 43 Resp: 587701

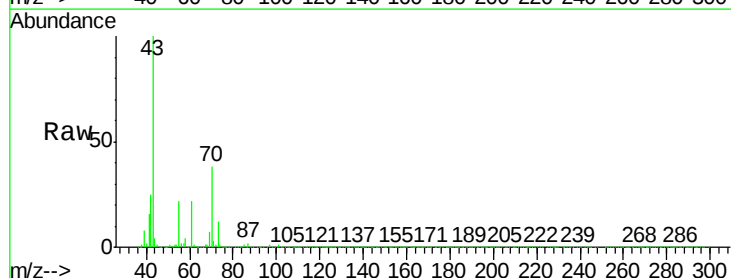
Ion Ratio Lower Upper

43 100

70 38.3 30.2 45.4

55 21.8 16.8 25.2

61 22.7 18.2 27.2

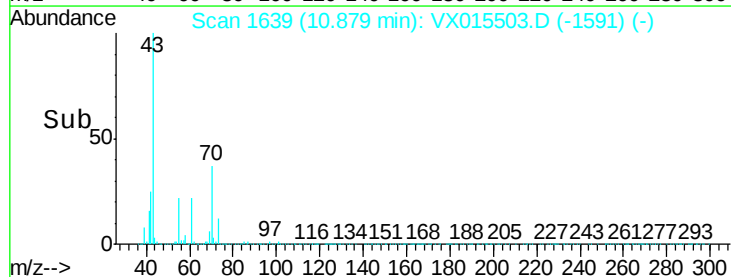
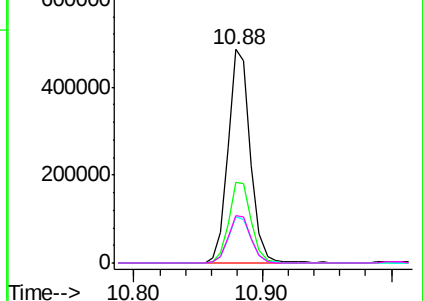


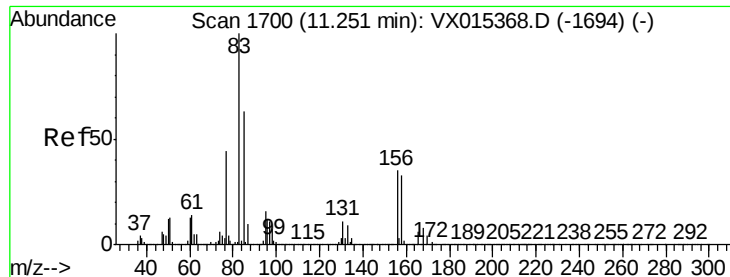
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.262 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

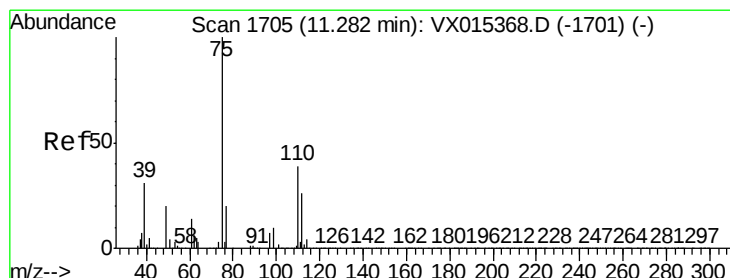
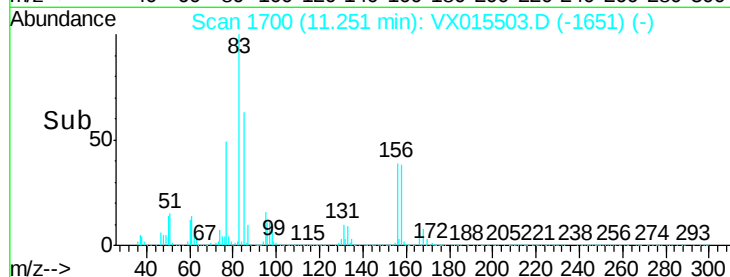
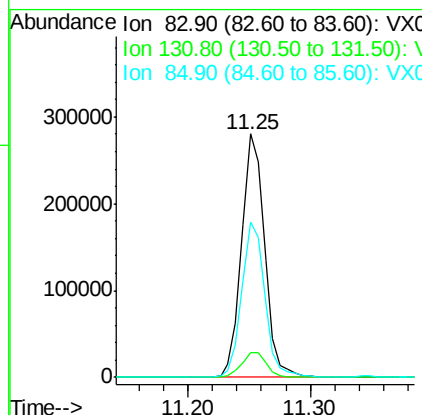
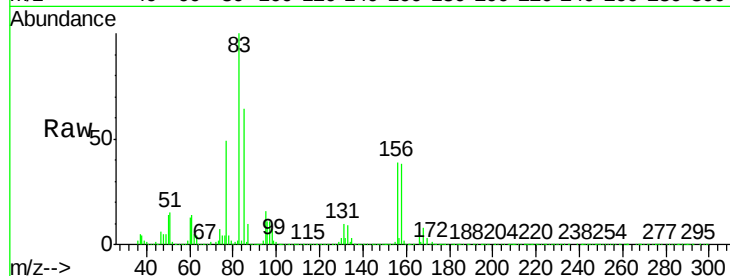
ClientSampleId :

VX0406WBS01

Tot Ion:	83	Resp:	364693
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	63.7	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.229 ug/l m

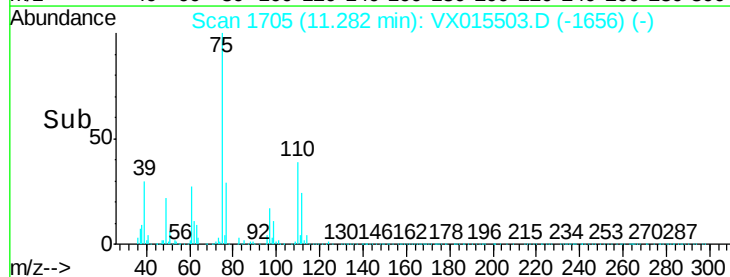
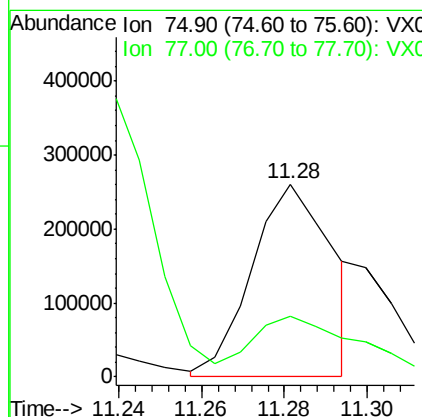
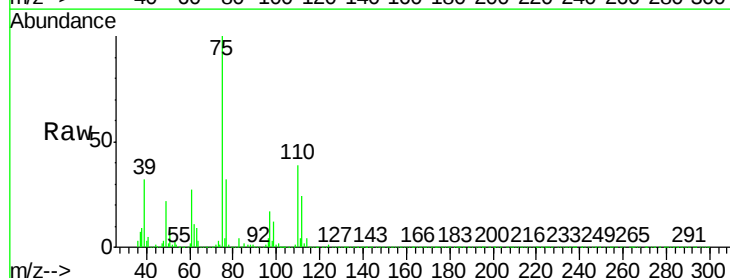
RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion:	75	Resp:	350315
Ion Ratio	Lower	Upper	
75	100		
77	41.9	21.2	63.6





#77

Bromobenzene

Concen: 20.175 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

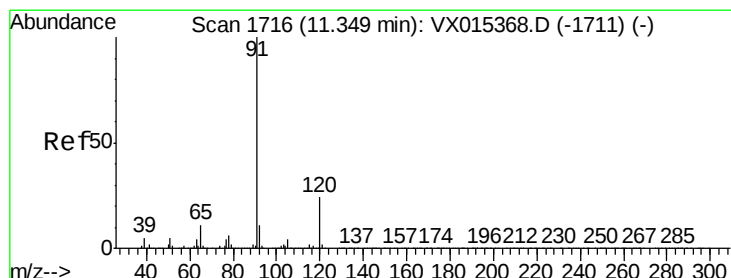
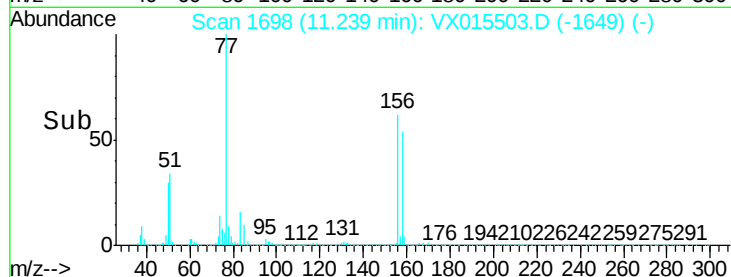
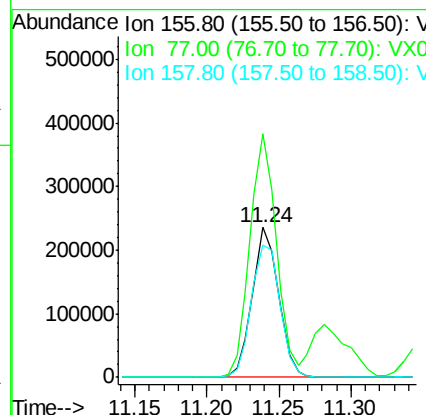
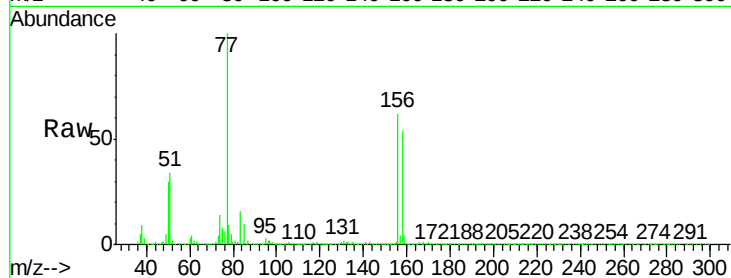
ClientSampled :

VX0406WBS01

Tot Ion:	156	Resp:	296930
Ion Ratio	Lower	Upper	
156	100		
77	164.1	82.2	246.5
158	96.2	49.3	147.9

Manual Integrations
APPROVED

MMDadoda
4/7/2020 11:58:58 AM



#78

n-propylbenzene

Concen: 21.236 ug/l

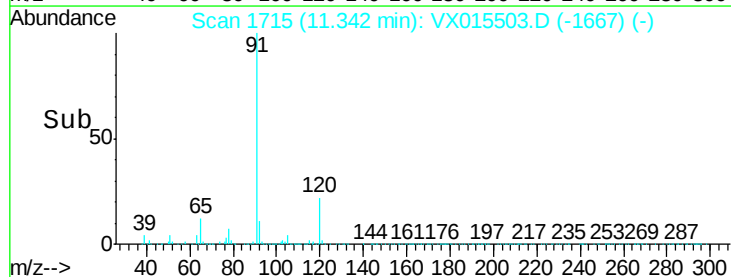
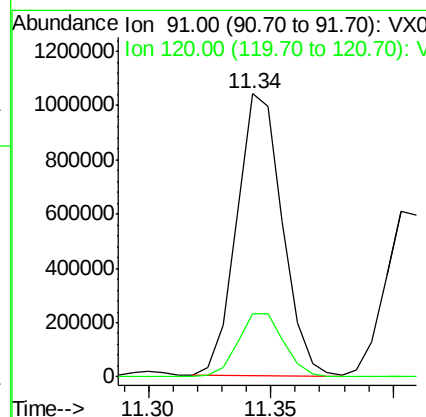
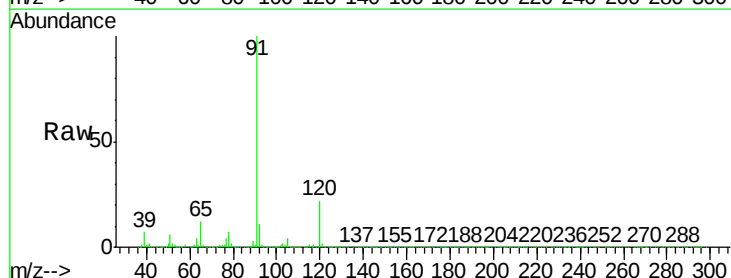
RT: 11.34 min Scan# 1715

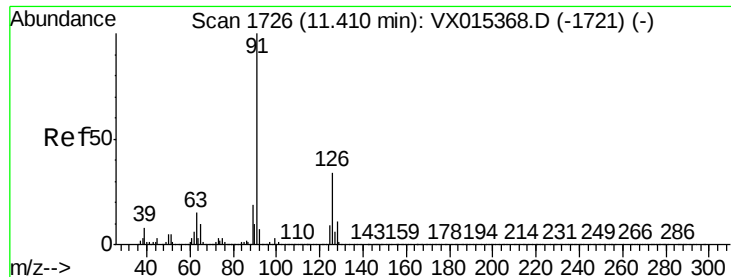
Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion:	91	Resp:	1339881
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.7	35.0





#79

2-Chlorotoluene

Concen: 20.707 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

Tot Ion: 91 Resp: 800766

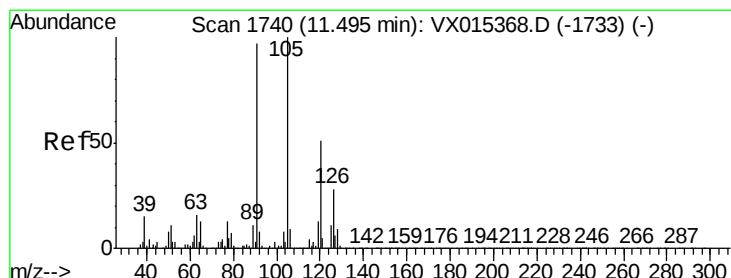
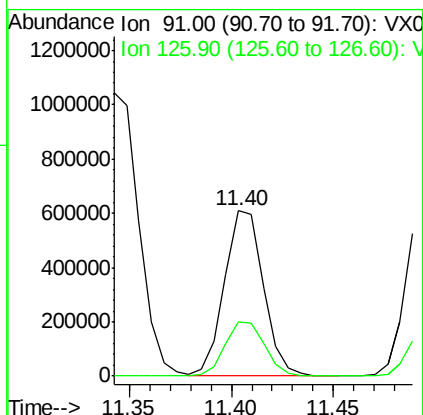
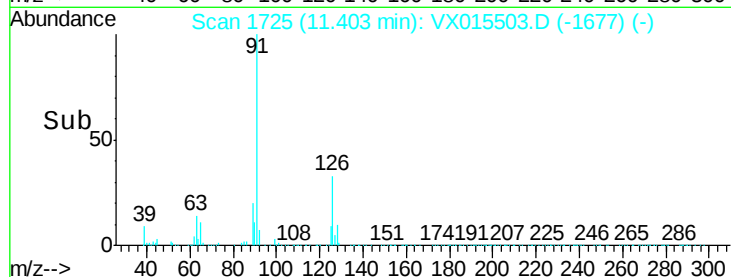
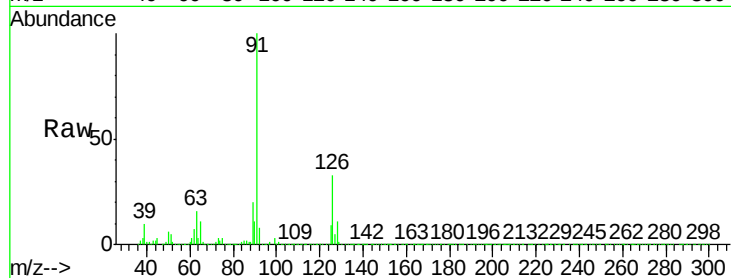
Ion Ratio Lower Upper

91 100

126 33.8 16.5 49.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 21.324 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015503.D

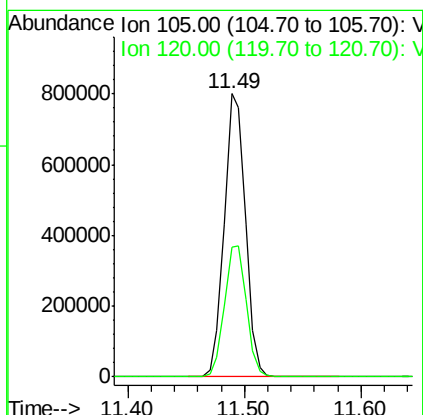
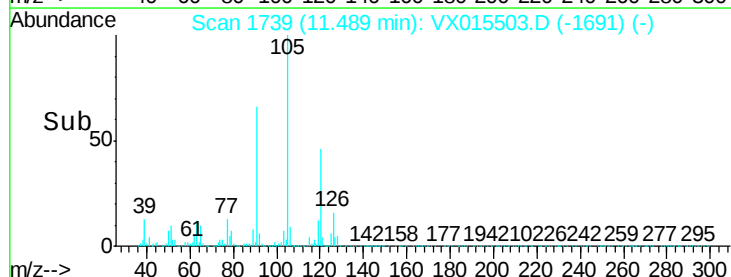
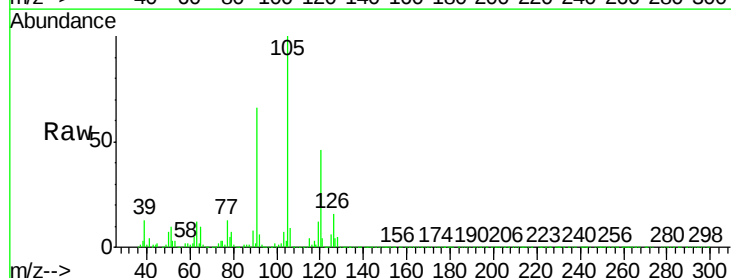
Acq: 06 Apr 2020 11:33

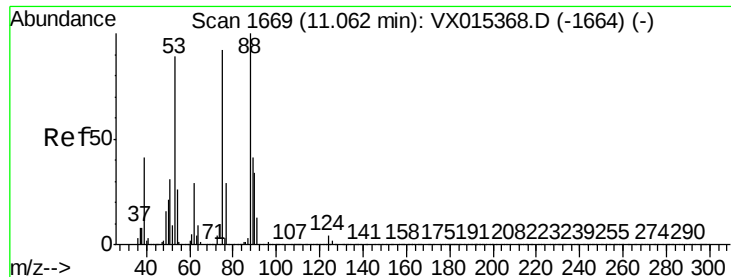
Tgt Ion: 105 Resp: 1004855

Ion Ratio Lower Upper

105 100

120 47.8 24.8 74.4





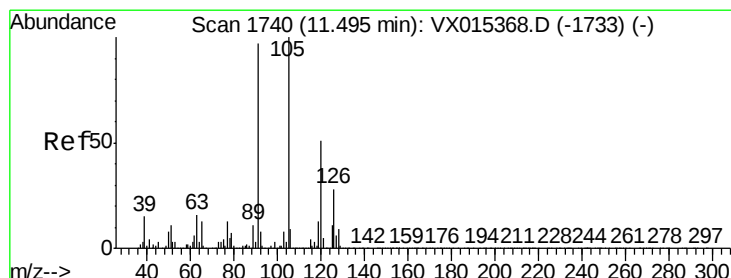
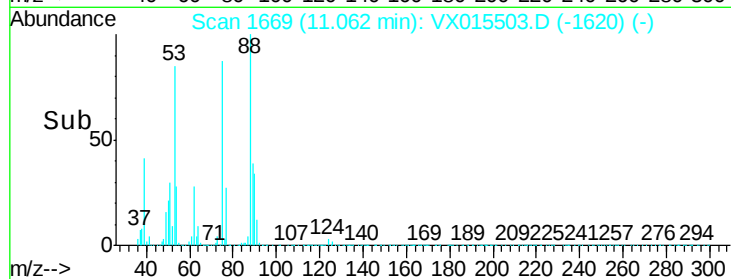
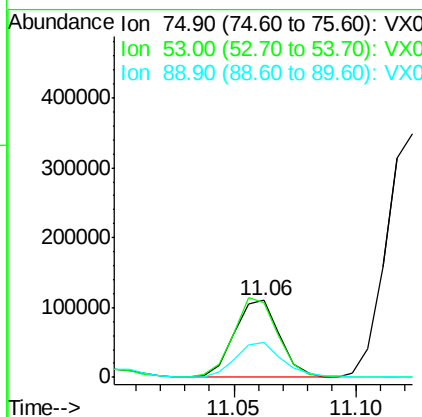
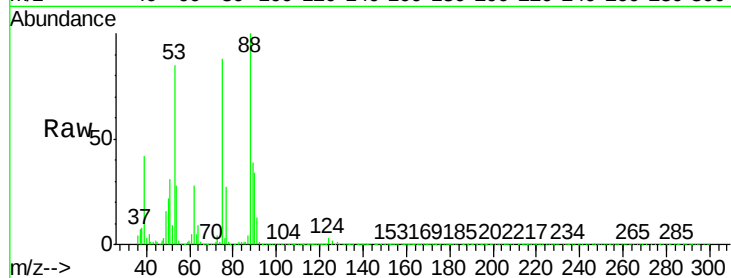
#81
trans-1,4-Dichloro-2-butene
Concen: 19.412 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	80.1	120.1
89	47.8	36.1	54.1

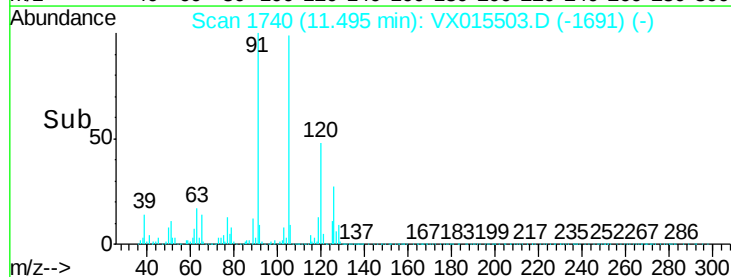
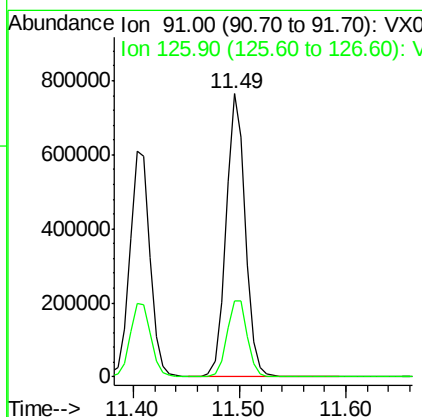
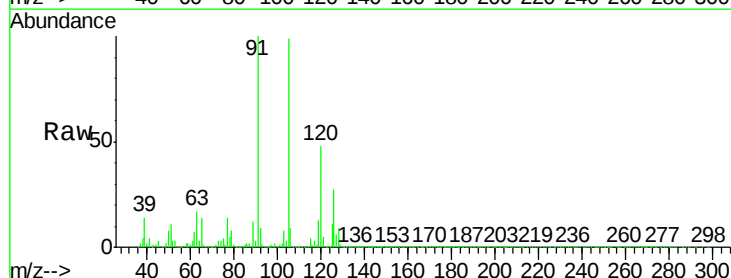
Manual Integrations
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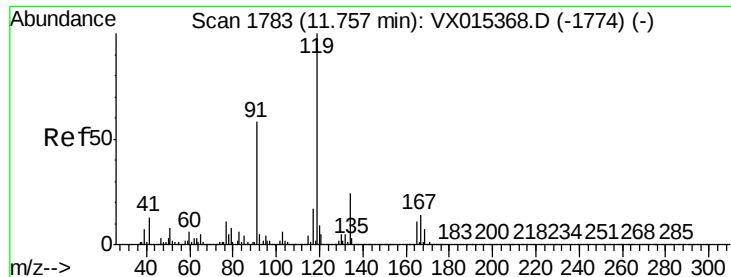
MMDadoda
4/7/2020 11:58:58 AM



#82
4-Chlorotoluene
Concen: 21.171 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.6	14.7	44.1





#83

tert-Butylbenzene

Concen: 21.233 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

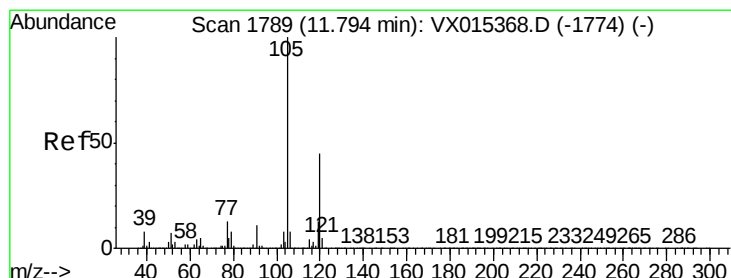
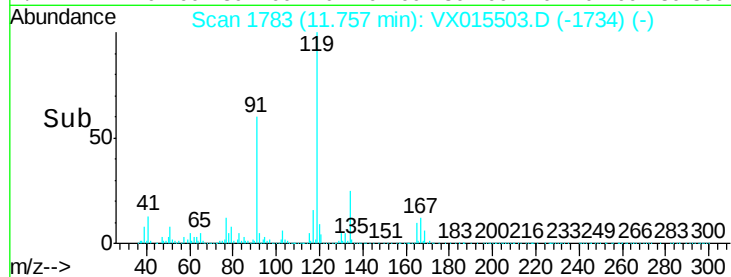
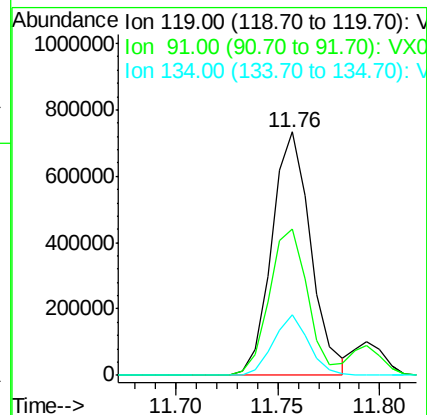
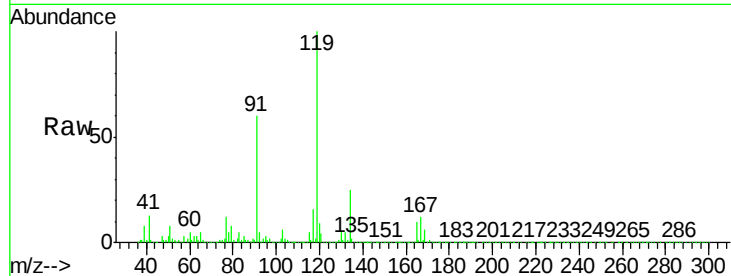
ClientSampleId :

VX0406WBS01

Tot Ion:	119	Resp:	977340
Ion Ratio	Lower	Upper	
119	100		
91	59.0	28.6	85.8
134	22.7	11.8	35.3

Manual Integrations
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4/7/2020 11:58:58 AM



#84

1,2,4-Trimethylbenzene

Concen: 21.040 ug/l

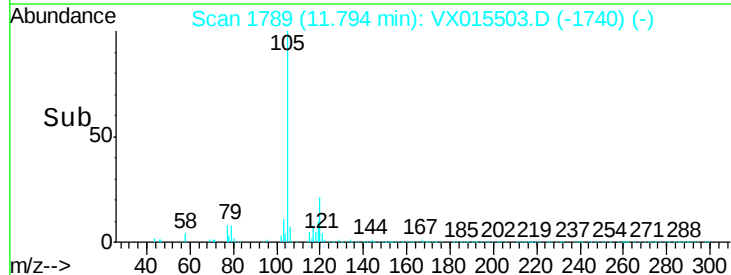
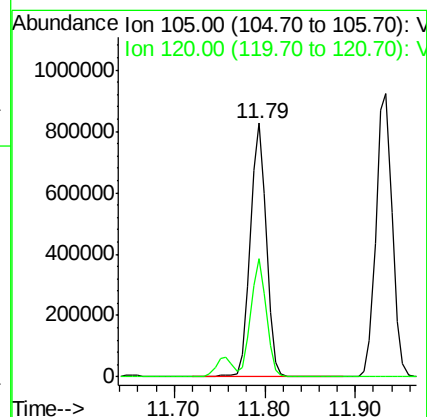
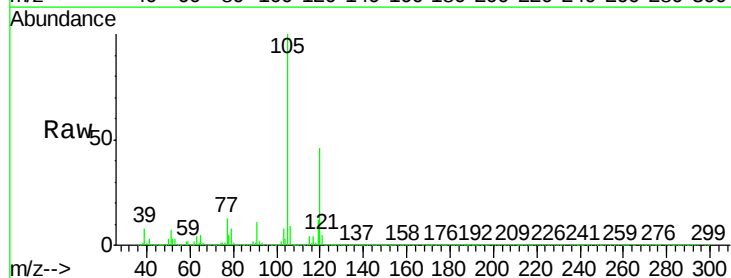
RT: 11.79 min Scan# 1789

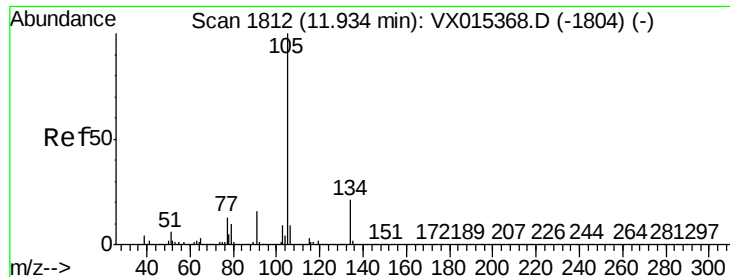
Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion:	105	Resp:	1010351
Ion Ratio	Lower	Upper	
105	100		
120	45.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 21.501 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Instrument :

MSVOA_X

ClientSampled :

VX0406WBS01

Tot Ion:105 Resp: 1144600

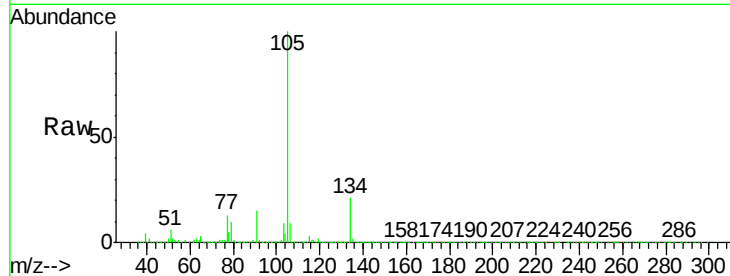
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

Manual Integrations
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4/7/2020 11:58:58 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

800000

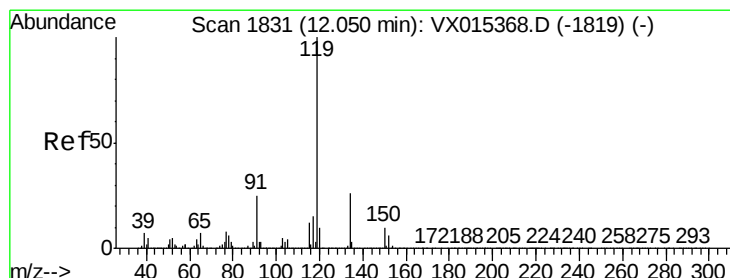
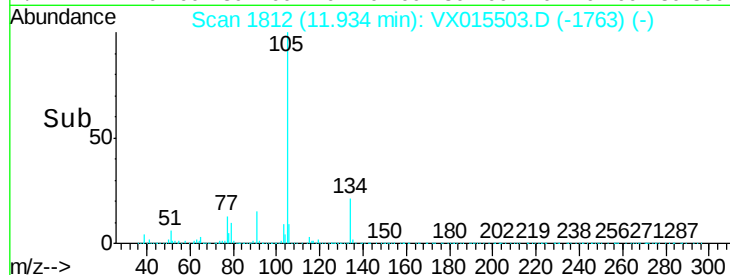
600000

400000

200000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 21.860 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

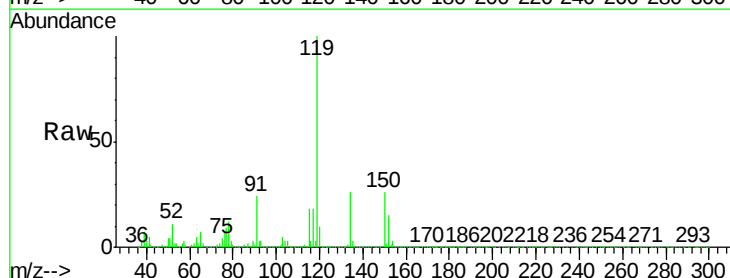
Tgt Ion:119 Resp: 1080325

Ion Ratio Lower Upper

119 100

134 25.4 13.1 39.3

91 24.4 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

1200000

1000000

800000

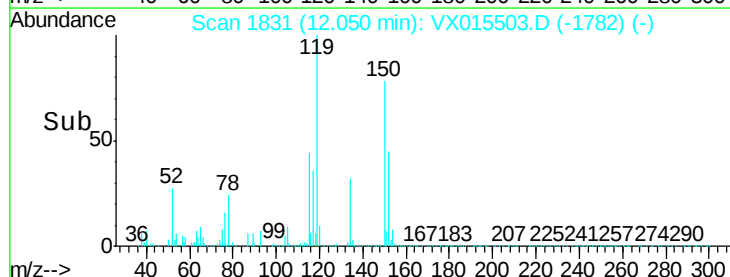
600000

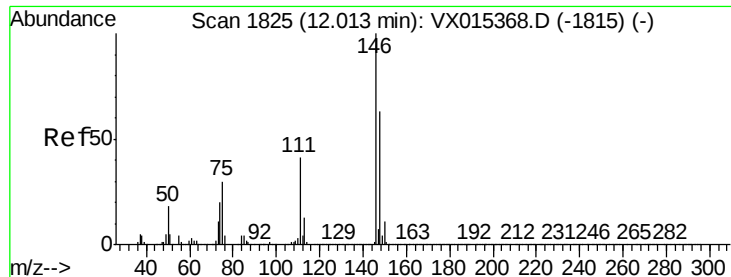
400000

200000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 20.962 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015503.D

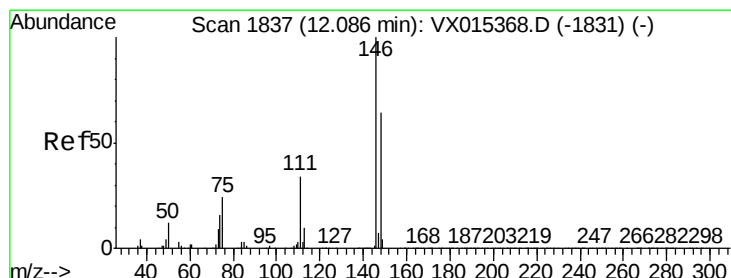
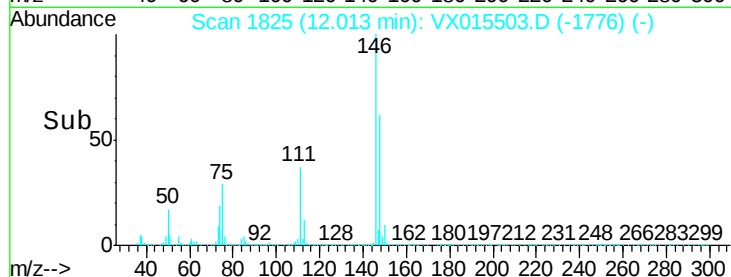
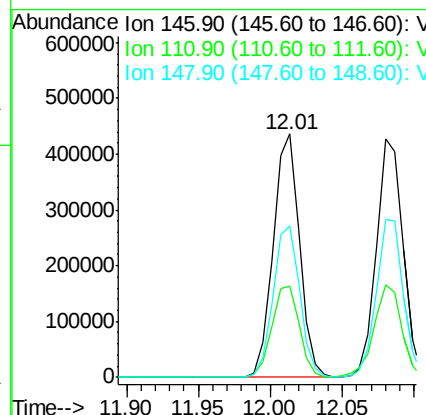
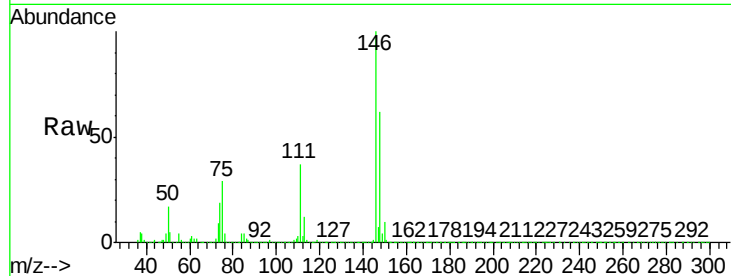
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.3	60.9
148	62.8	31.3	93.9

Manual Integrations
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4/7/2020 11:58:58 AM



#88

1,4-Dichlorobenzene

Concen: 20.152 ug/l

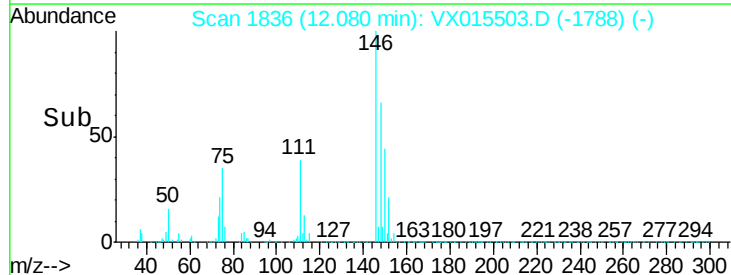
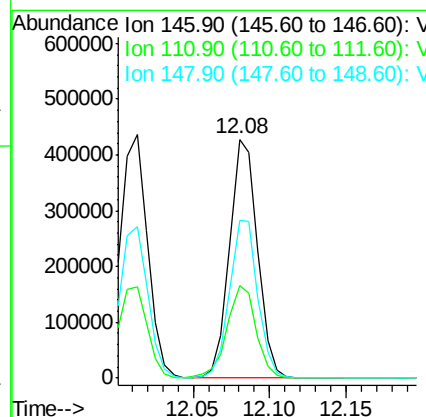
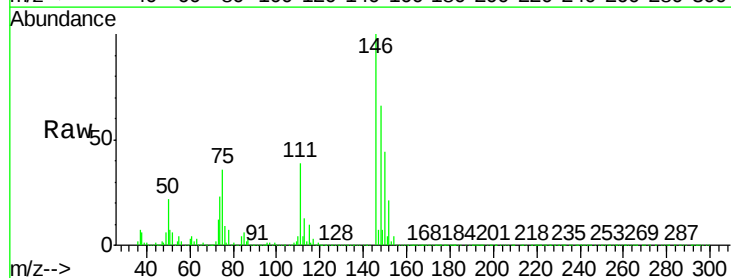
RT: 12.08 min Scan# 1836

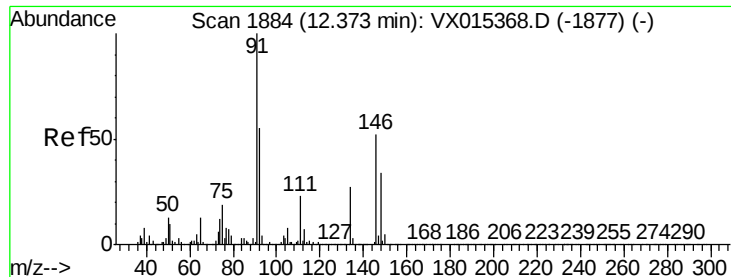
Delta R.T. -0.01 min

Lab File: VX015503.D

Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.1	57.5
148	66.6	32.4	97.2





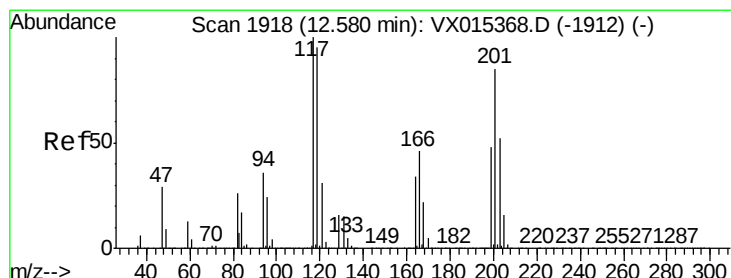
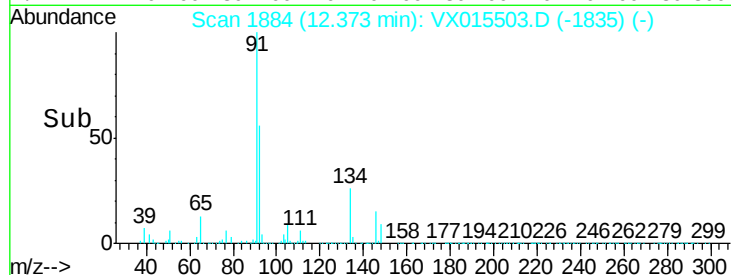
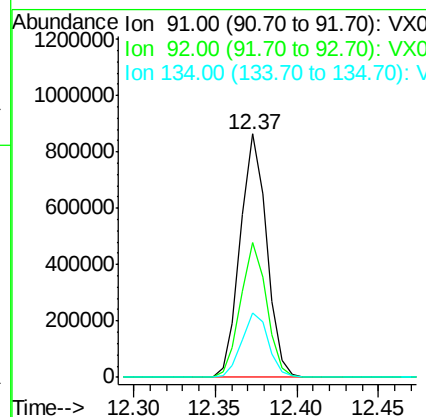
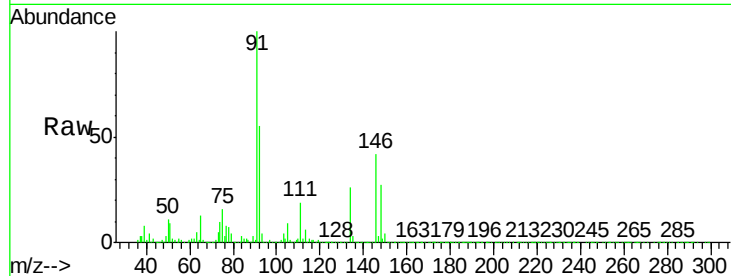
#89
n-Butylbenzene
Concen: 21.832 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.5
134	26.6	13.4	40.2

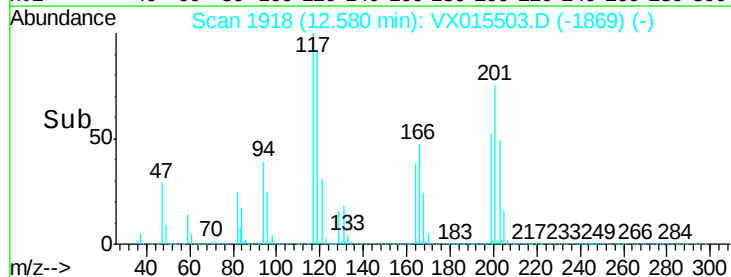
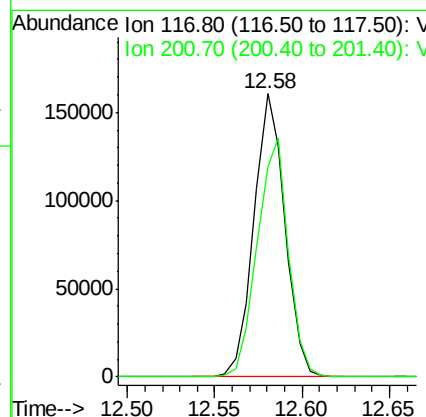
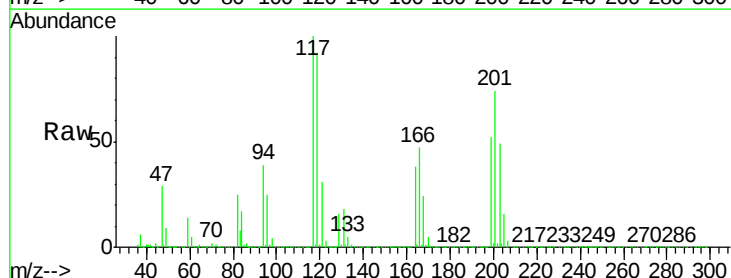
Manual Integrations
APPROVED

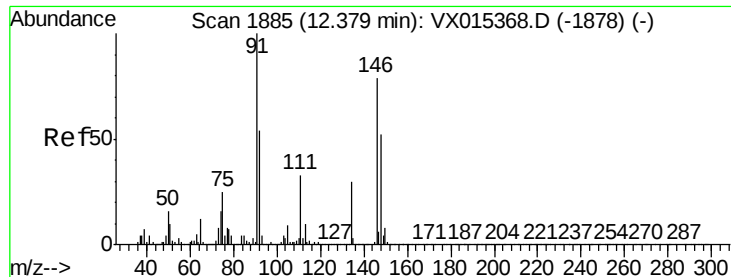
MMDadoda
4/7/2020 11:58:58 AM



#90
Hexachloroethane
Concen: 20.449 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.1	42.6	128.0





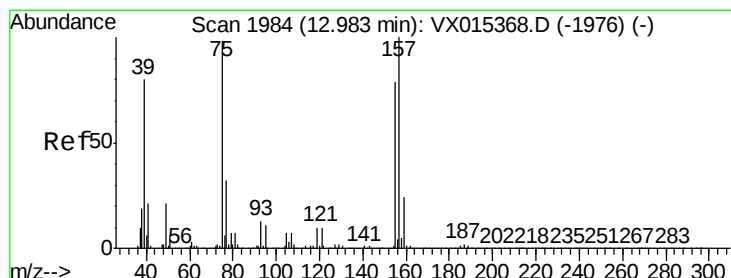
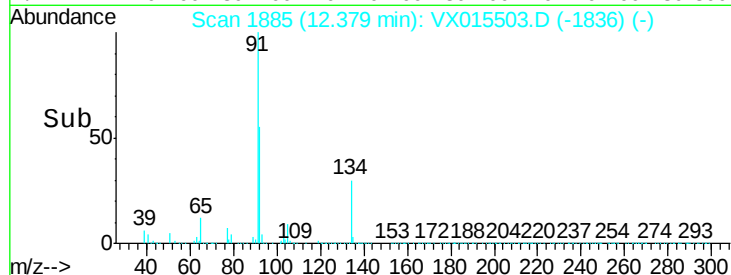
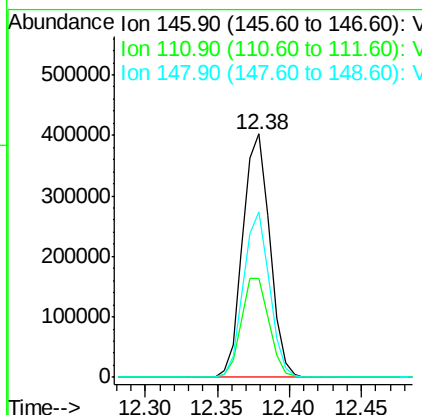
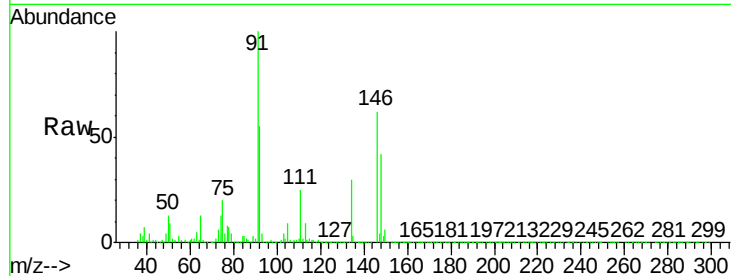
#91
 1,2-Dichlorobenzene
 Concen: 20.346 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampled :
 VX0406WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	21.0	63.0
148	65.2	32.4	97.0

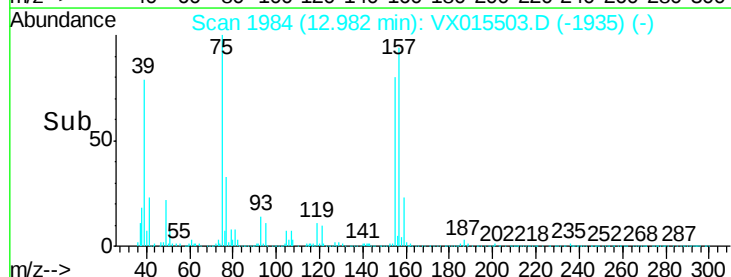
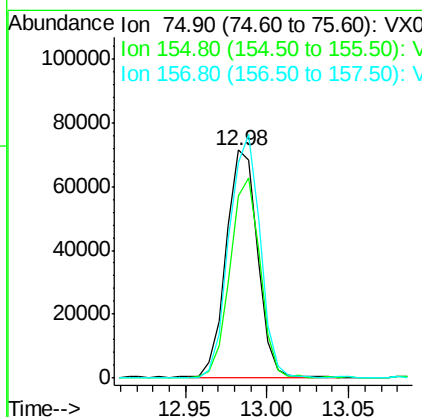
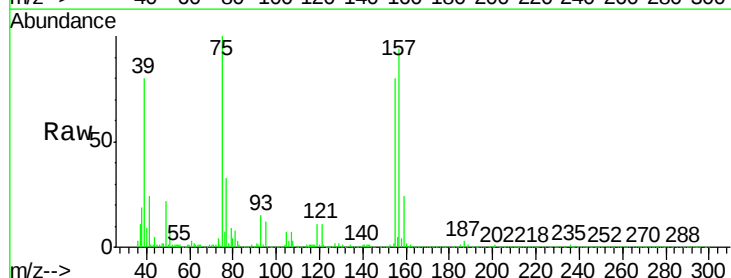
Manual Integrations
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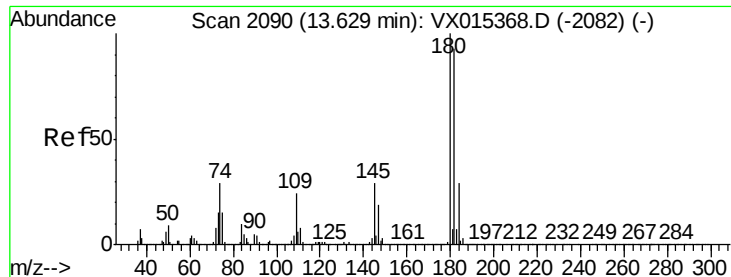
MMDadoda
 4/7/2020 11:58:58 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.058 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.8	42.8	128.4
157	103.9	53.4	160.3





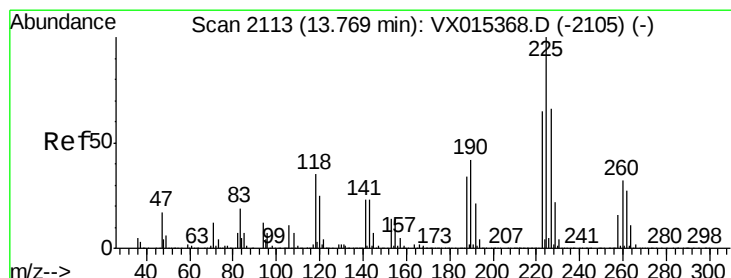
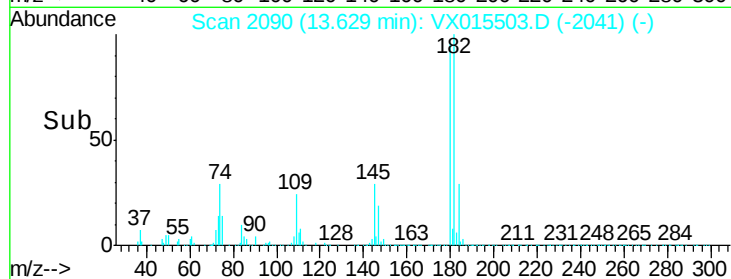
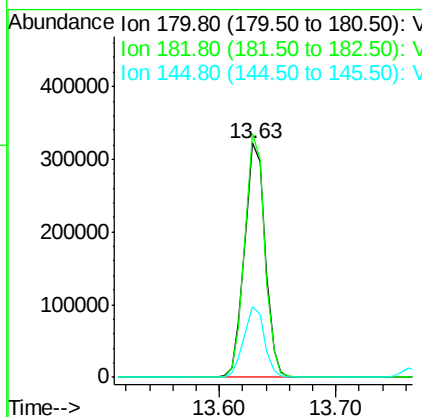
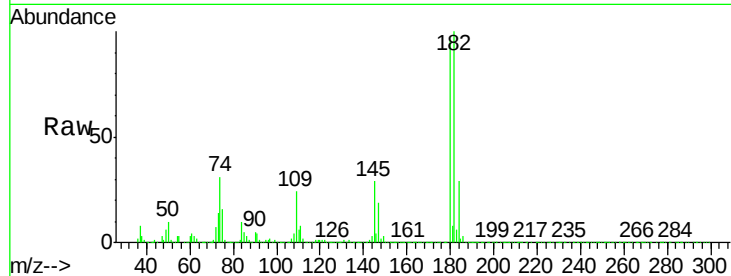
#93
 1,2,4-Trichlorobenzene
 Concen: 19.873 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0406WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	99.8	46.9	140.7	
145	29.9	14.9	44.5	

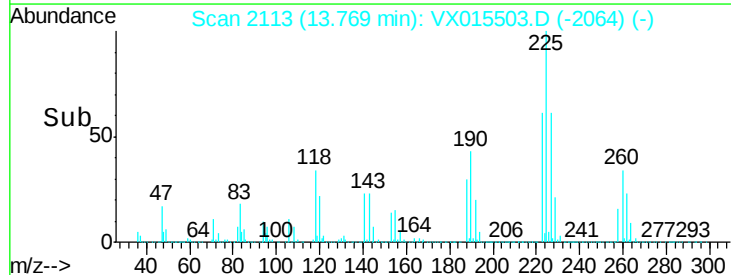
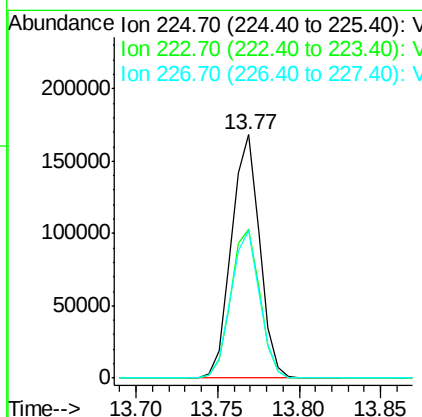
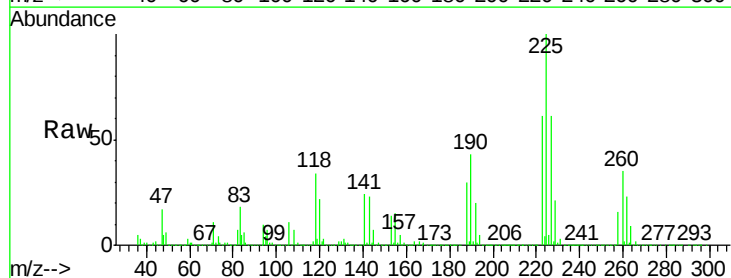
Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:58:58 AM



#94
 Hexachlorobutadiene
 Concen: 20.763 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015503.D
 Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.9	95.7	
227	61.9	30.4	91.3	





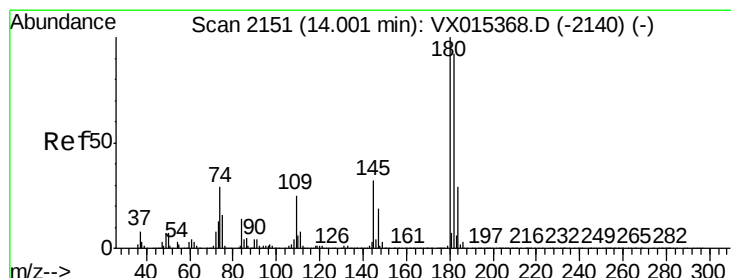
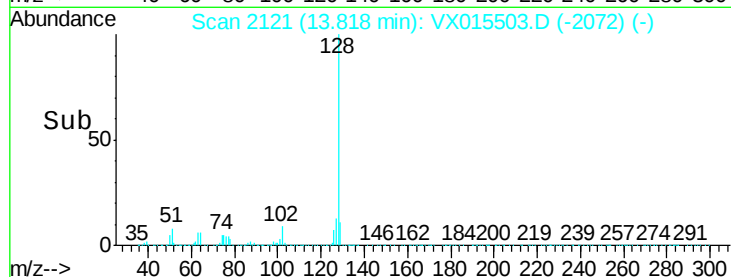
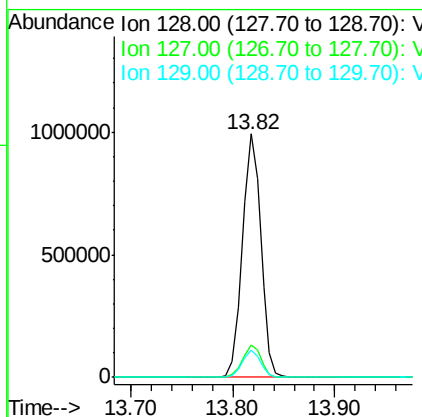
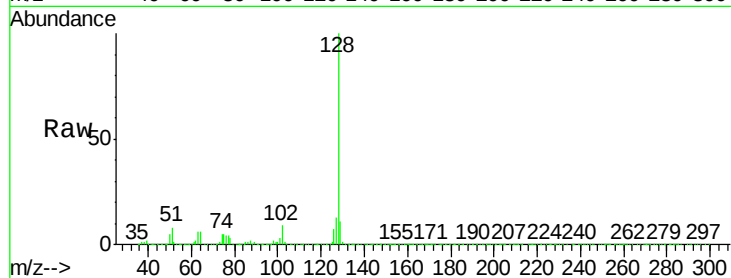
#95
Naphthalene
Concen: 19.874 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Instrument :
MSVOA_X
ClientSampled :
VX0406WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/7/2020 11:58:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.140 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015503.D
Acq: 06 Apr 2020 11:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.3	46.7	140.0
145	32.9	15.8	47.3

