

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015533.D
 Acq On : 07 Apr 2020 13:05
 Operator : JC/SP
 Sample : VX0407WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0407WBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 08 03:17:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	193154	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1084399	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	994770	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	472292	31.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.30%
60) 4-Bromofluorobenzene	11.12	95	517640	30.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.37%
63) Toluene-d8	8.70	98	1268478	30.01	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	169781	18.406	ug/l 98
3) Chloromethane	1.31	50	211529	18.581	ug/l 97
4) Vinyl Chloride	1.39	62	208144	19.006	ug/l 98
5) Bromomethane	1.63	94	144255	24.743	ug/l 98
6) Chloroethane	1.72	64	133870	19.593	ug/l 97
7) Trichlorofluoromethane	1.92	101	311965	19.933	ug/l 94
8) Diethyl Ether	2.17	74	125234	20.798	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210844	20.363	ug/l 98
10) 1,1-Dichloroethene	2.36	96	207335	19.714	ug/l 95
11) Methyl Iodide	2.49	142	272979	19.531	ug/l 96
12) Methyl Acetate	2.75	43	298020	19.365	ug/l 97
13) Acrolein	2.27	56	222966	111.369	ug/l 94
14) Acrylonitrile	3.11	53	632137	95.944	ug/l 99
15) Acetone	2.42	58	162026	96.712	ug/l 78
16) Carbon Disulfide	2.55	76	589103	19.161	ug/l 99
17) Allyl chloride	2.70	41	456141	19.210	ug/l 98
18) Methylene Chloride	2.83	84	234296	19.842	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	222850	19.587	ug/l 94
20) Diisopropyl ether	3.83	45	854465	20.063	ug/l 90
21) 1,1-Dichloroethane	3.67	63	433093	19.922	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	261132	19.923	ug/l 99
23) tert-Butyl Alcohol	3.01	59	273590	84.421	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	775658	19.864	ug/l 99
25) Chloroform	5.18	83	436705	20.323	ug/l 97
26) Cyclohexane	5.55	56	402917	19.398	ug/l # 99
29) 1,1-Dichloropropene	5.77	75	329858	20.247	ug/l 99
30) 2-Butanone	4.63	43	927175	94.934	ug/l 99
31) 2,2-Dichloropropane	4.55	77	393882	20.090	ug/l 99
32) 1,1,1-Trichloroethane	5.47	97	395645	19.904	ug/l 98
33) Carbon Tetrachloride	5.76	117	357866	19.756	ug/l 99
34) Benzene	6.11	78	944062	20.105	ug/l 99
35) Methacrylonitrile	5.00	41	213810	19.305	ug/l 98
36) 1,2-Dichloroethane	6.16	62	377887	20.827	ug/l 100
37) Trichloroethene	7.19	130	263887	19.959	ug/l 100
38) Methylcyclohexane	7.44	83	397927	19.924	ug/l 99
39) 1,2-Dichloropropane	7.49	63	247313	19.609	ug/l 93
40) Dibromomethane	7.64	93	167008	19.894	ug/l 97

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Instrument :
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Manual Integrations
 APPROVED

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

Quant Time: Apr 08 03:17:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	355209	19.470	ug/l	99
42) Vinyl Acetate	3.78	43	3804789	102.817	ug/l	99
43) Ethyl Acetate	4.79	43	358271	16.864	ug/l	98
44) Isopropyl Acetate	6.41	43	644710	18.857	ug/l	99
45) 1,4-Dioxane	7.72	88	103712	329.284	ug/l	99
46) Methyl methacrylate	7.75	41	324256	19.005	ug/l	99
47) n-amyl Acetate	10.88	43	564154	19.137	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	393876	18.701	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	424521	19.528	ug/l	100
50) 1,1,2-Trichloroethane	9.20	97	236450	19.627	ug/l	98
51) Ethyl methacrylate	9.16	69	400043	19.307	ug/l	98
52) 1,3-Dichloropropane	9.36	76	416697	20.025	ug/l	99
53) Dibromochloromethane	9.56	129	279502	18.820	ug/l	98
54) 1,2-Dibromoethane	9.65	107	250380	19.369	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	962550	98.360	ug/l	99
56) Bromoform	10.84	173	218703	17.910	ug/l #	96
58) 4-Methyl-2-Pentanone	8.62	43	1872053	98.329	ug/l	99
59) 2-Hexanone	9.47	43	1389110	95.907	ug/l	100
61) Tetrachloroethene	9.32	164	259105	20.264	ug/l	99
62) Toluene	8.76	91	1008987	20.025	ug/l	100
64) Chlorobenzene	10.12	112	643872	19.876	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.20	131	258590	19.534	ug/l	95
66) Ethyl Benzene	10.24	91	1162844	20.202	ug/l	100
67) m/p-Xylenes	10.34	106	865625	39.733	ug/l	99
68) o-Xylene	10.68	106	422952	19.862	ug/l	98
69) Styrene	10.70	104	740178	19.950	ug/l	99
70) Isopropylbenzene	11.00	105	1152765	20.420	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	350681	19.166	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	335212m	19.580	ug/l	
73) Bromobenzene	11.24	156	294806	19.454	ug/l	99
74) n-propylbenzene	11.34	91	1333835	20.599	ug/l	98
75) 2-Chlorotoluene	11.40	91	793643	20.152	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	959554	19.793	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	128425	17.407	ug/l	94
78) 4-Chlorotoluene	11.49	91	937695	20.581	ug/l	99
79) tert-butylbenzene	11.76	119	939443	19.389	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	979095	19.937	ug/l	99
81) sec-Butylbenzene	11.93	105	1119674	20.145	ug/l	100
82) p-Isopropyltoluene	12.05	119	1061523	20.264	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	540573	19.838	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	529064	19.456	ug/l	98
85) n-Butylbenzene	12.37	91	956424	20.483	ug/l	99
86) Hexachloroethane	12.58	117	185308	18.302	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	511326	19.234	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	87337	18.122	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	407537	19.030	ug/l	97
90) Hexachlorobutadiene	13.76	225	197788	17.532	ug/l	99
91) Naphthalene	13.82	128	1219207	19.661	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	396221	18.625	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

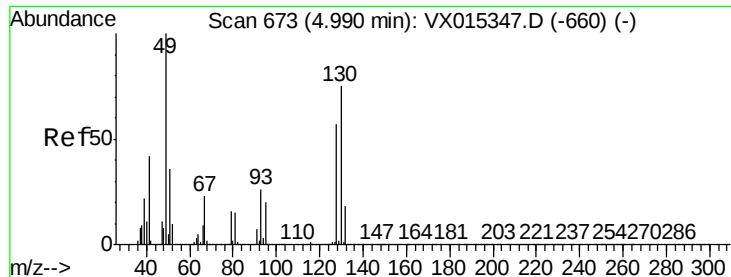
Manual Integrations
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Quant Time: Apr 08 03:17:36 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 26 02:31:53 2020
Response via : Initial Calibration

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



#1

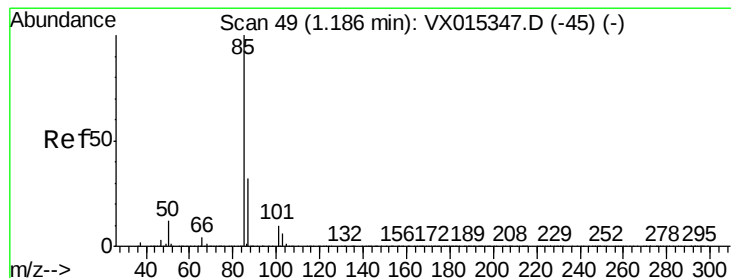
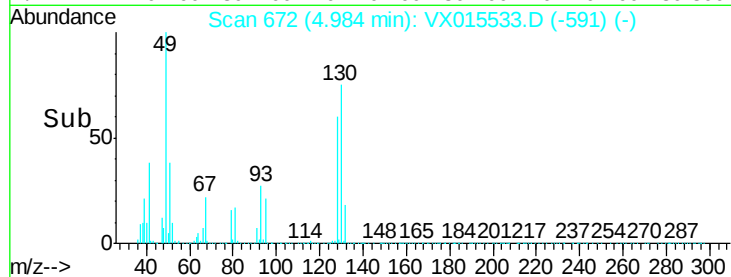
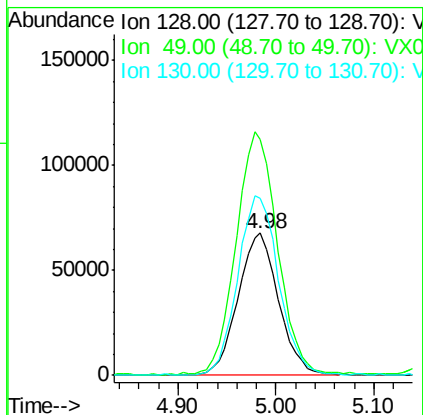
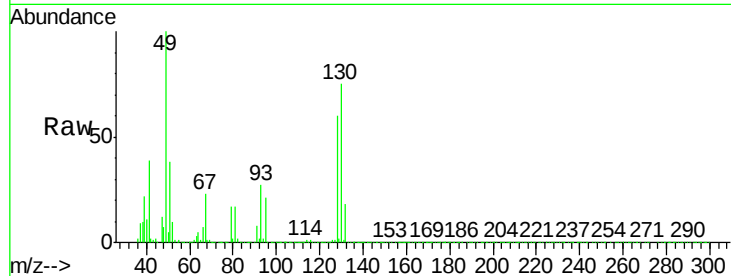
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	193154		
49	173.7	0.0	428.0	
130	129.2	0.0	324.5	

Manual Integrations
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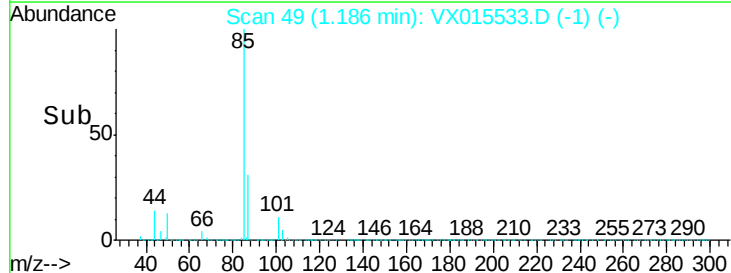
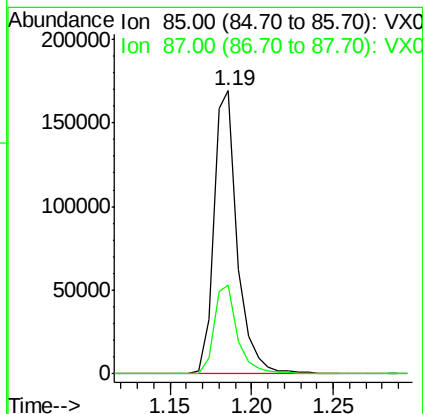
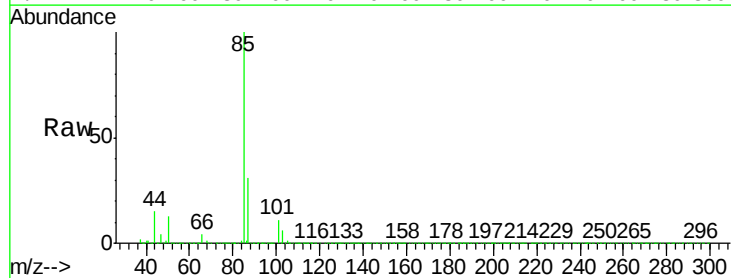
MMDadoda
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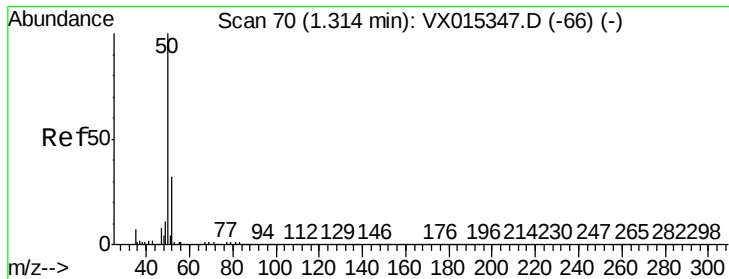


#2

Dichlorodifluoromethane
 Concen: 18.406 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	169781		
87	31.3	16.3	48.9	





#3

Chloromethane

Concen: 18.581 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tot Ion: 50 Resp: 211529

Ion Ratio Lower Upper

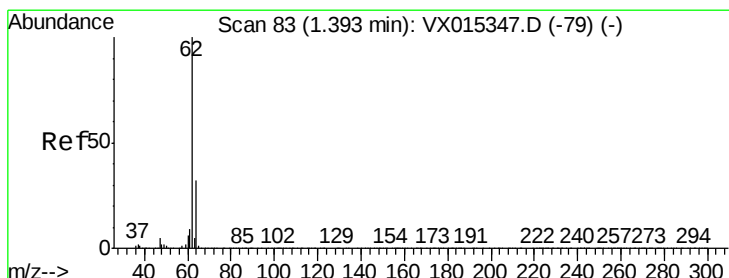
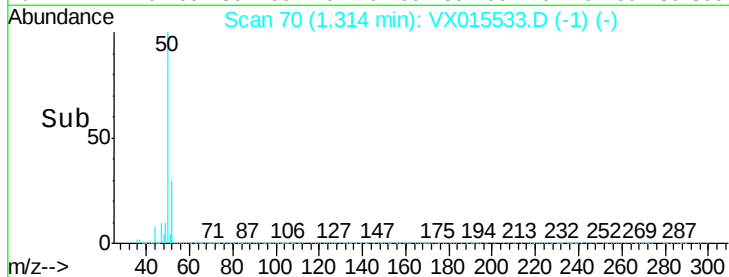
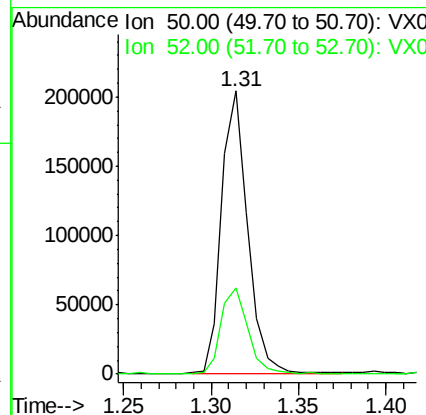
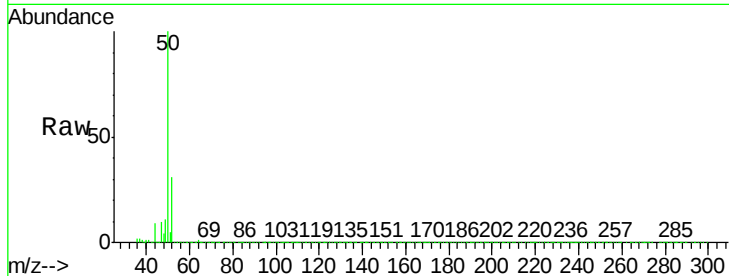
50 100

52 30.4 25.5 38.3

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#4

Vinyl Chloride

Concen: 19.006 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015533.D

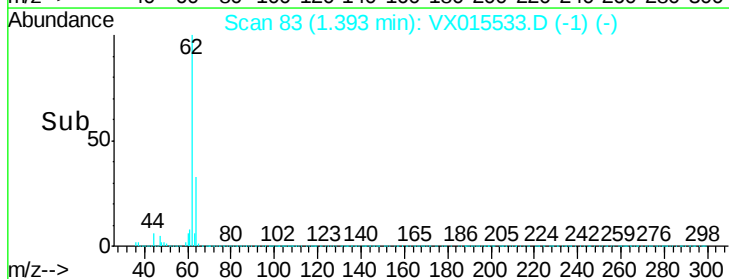
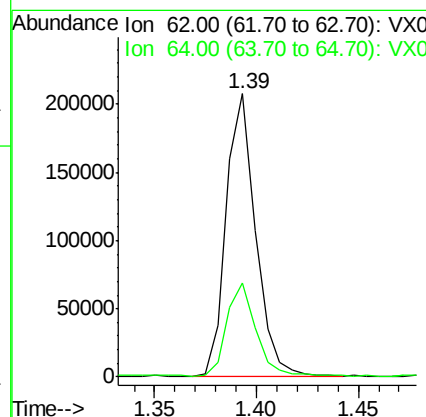
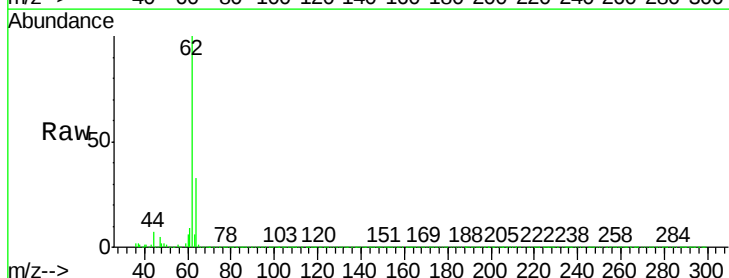
Acq: 07 Apr 2020 13:05

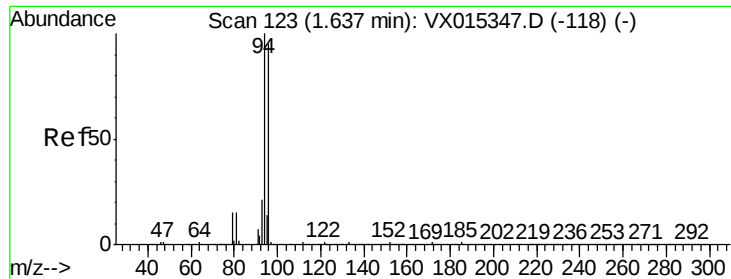
Tgt Ion: 62 Resp: 208144

Ion Ratio Lower Upper

62 100

64 32.9 25.4 38.0





#5

Bromomethane

Concen: 24.743 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0407WBS01

Tot Ion: 94 Resp: 144255

Ion Ratio Lower Upper

94 100

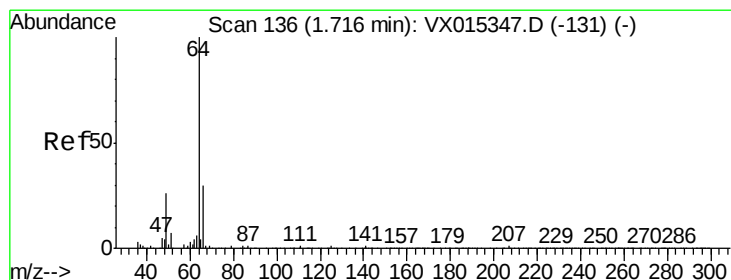
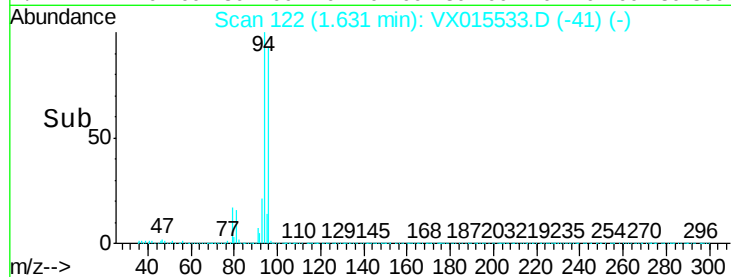
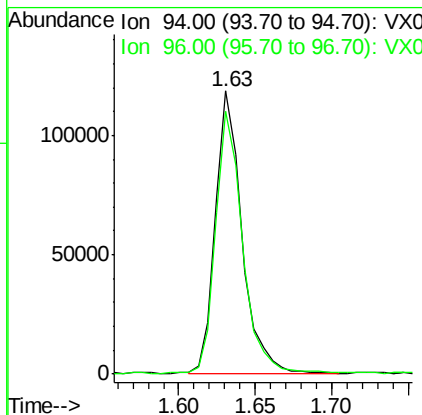
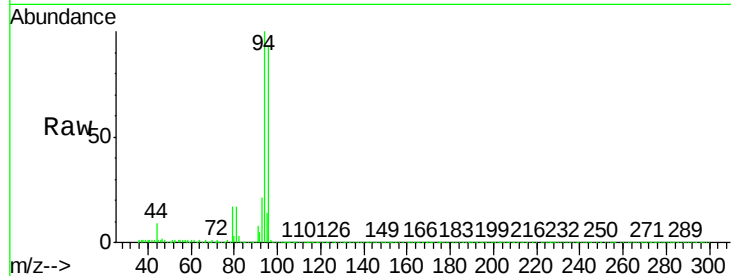
96 92.8 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 19.593 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015533.D

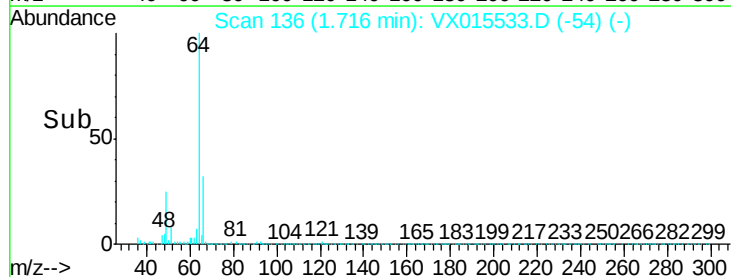
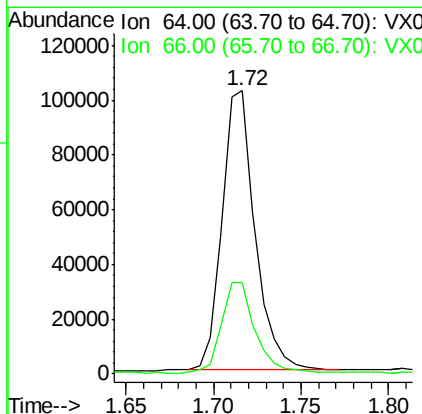
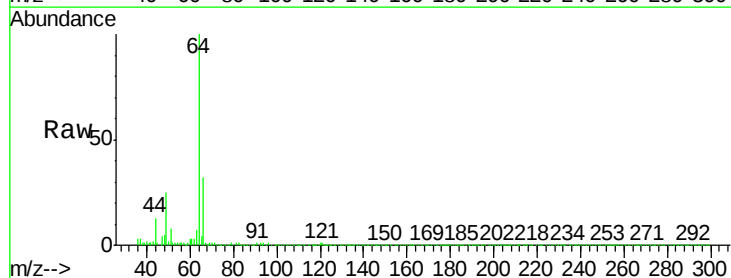
Acq: 07 Apr 2020 13:05

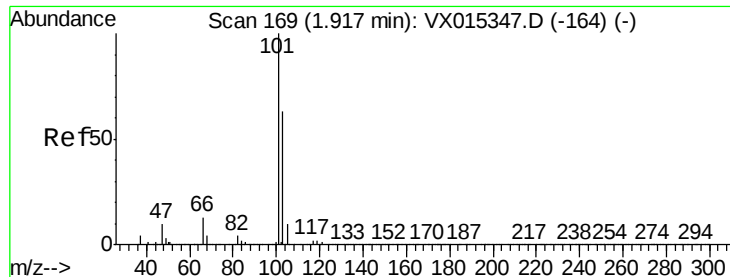
Tgt Ion: 64 Resp: 133870

Ion Ratio Lower Upper

64 100

66 32.2 24.3 36.5





#7

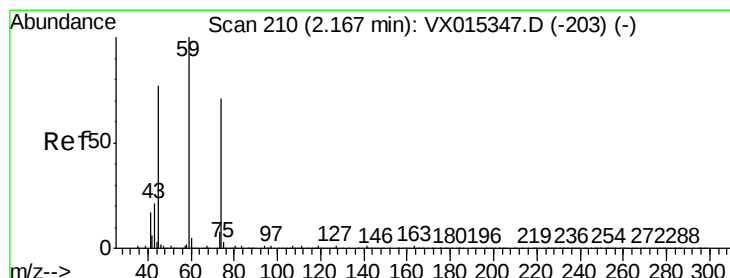
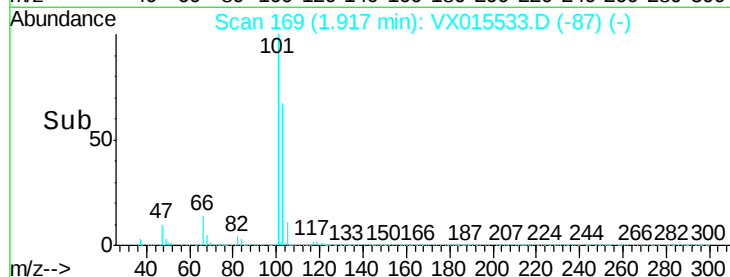
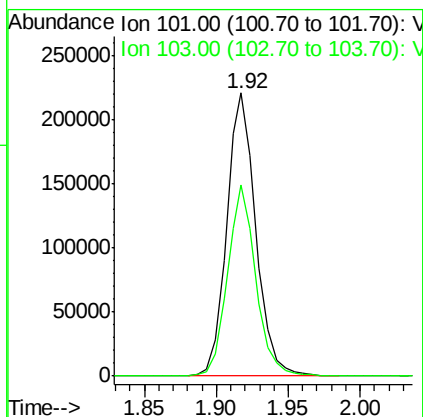
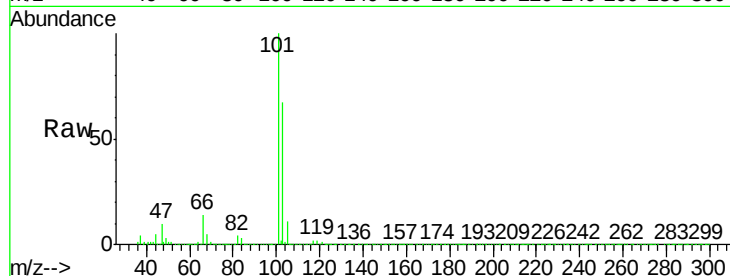
Trichlorofluoromethane
 Concen: 19.933 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	49.9	74.9

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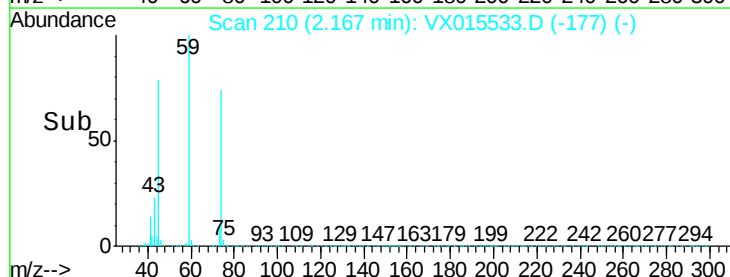
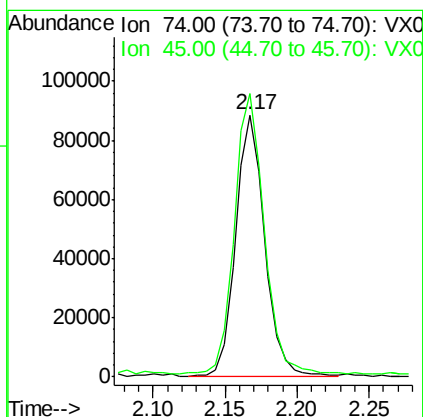
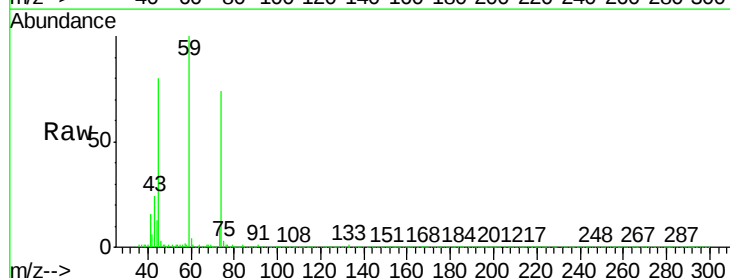
MMDadoda
 4/8/2020 11:12:11 AM

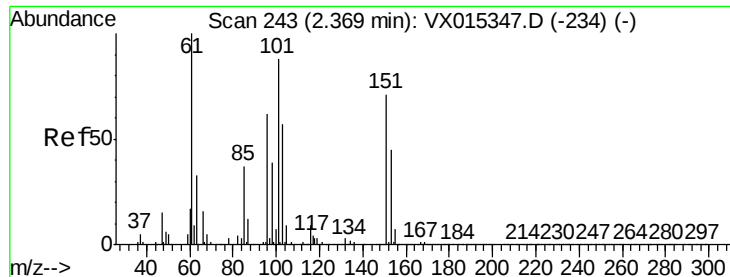


#8

Diethyl Ether
 Concen: 20.798 ug/l
 RT: 2.17 min Scan# 210
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.8	21.8	196.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.363 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

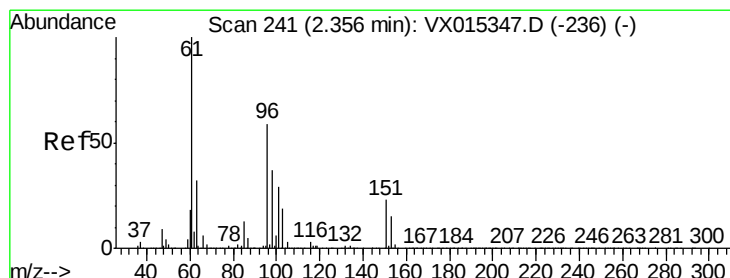
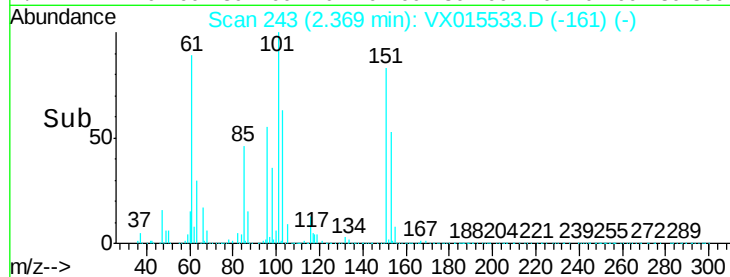
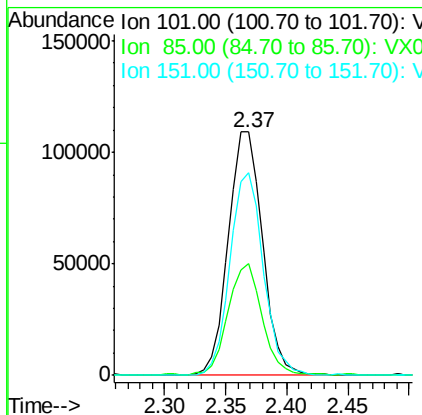
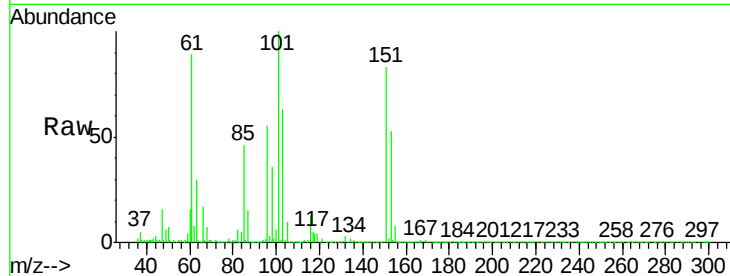
ClientSampled :

VX0407WBS01

Tot Ion:	101	Resp:	210844
Ion Ratio	Lower	Upper	
101	100		
85	45.2	0.0	85.8
151	81.1	0.0	164.6

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



#10

1,1-Dichloroethene

Concen: 19.714 ug/l

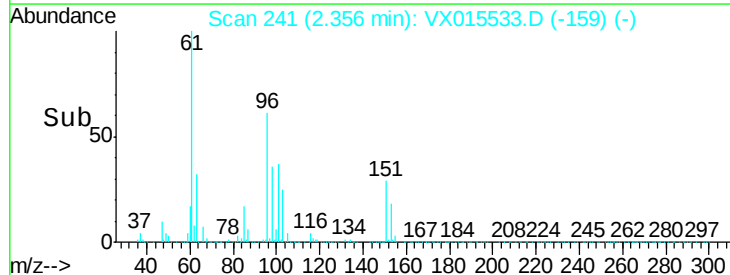
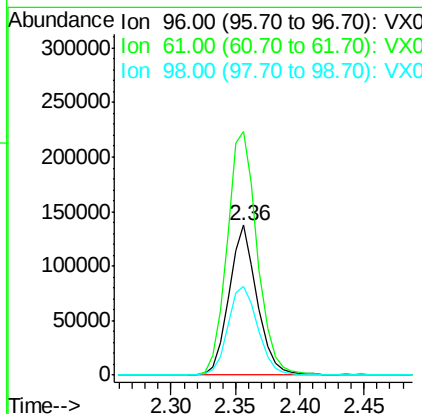
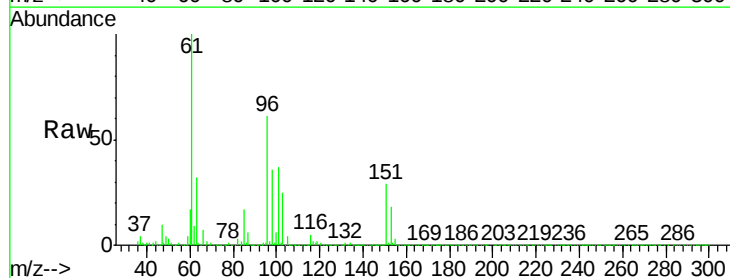
RT: 2.36 min Scan# 241

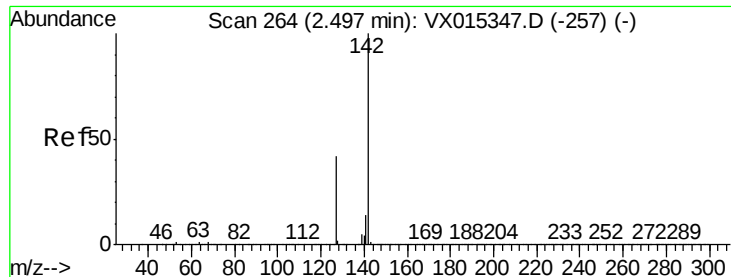
Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	96	Resp:	207335
Ion Ratio	Lower	Upper	
96	100		
61	162.9	135.5	203.3
98	59.1	50.2	75.2





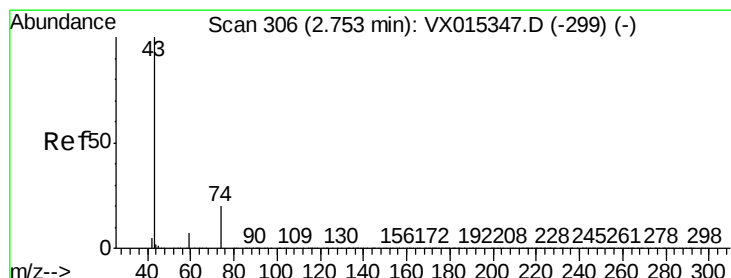
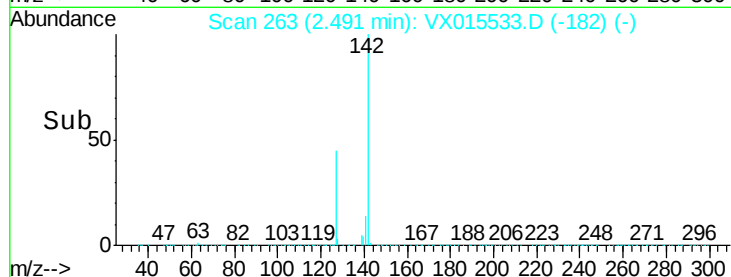
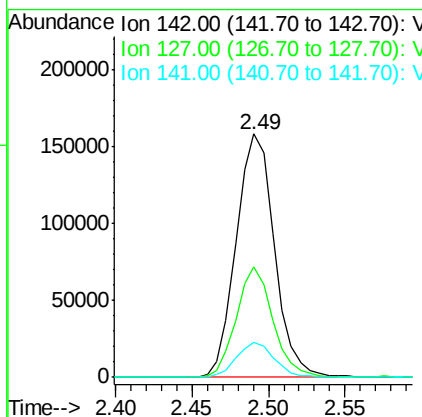
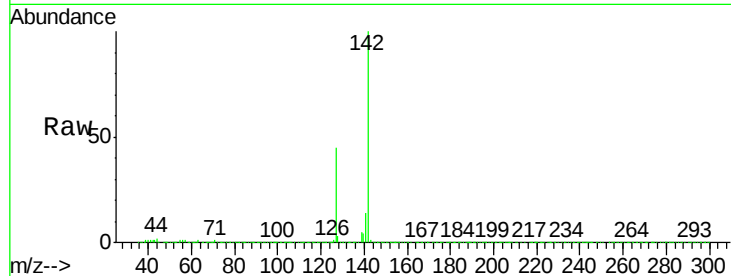
#11
Methvl Iodide
Concen: 19.531 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion:	142	Resp:	272979
Ion Ratio	Lower	Upper	
142	100		
127	45.3	21.0	63.0
141	14.1	6.9	20.7

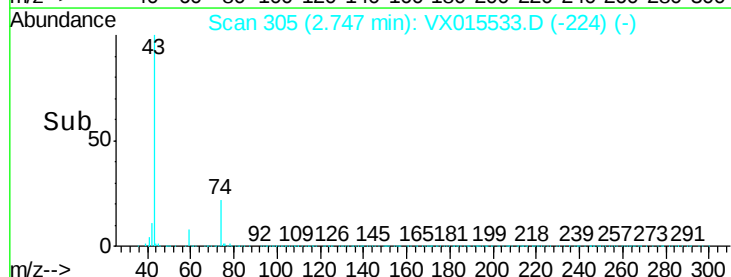
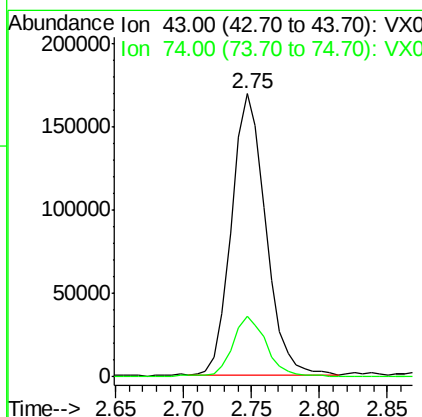
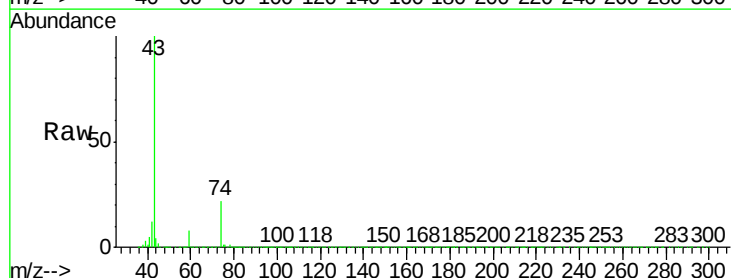
Manual Integrations
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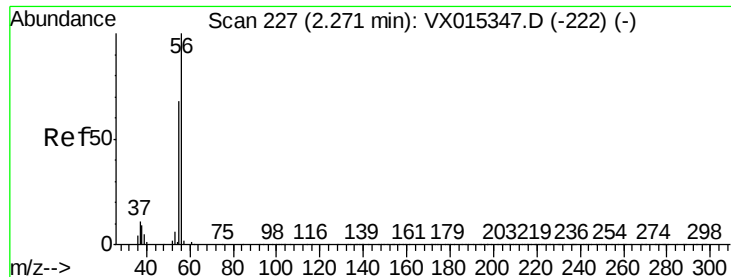
MMDadoda
4/8/2020 11:12:11 AM



#12
Methyl Acetate
Concen: 19.365 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion:	43	Resp:	298020
Ion Ratio	Lower	Upper	
43	100		
74	21.2	15.8	23.6





#13

Acrolein

Concen: 111.369 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0407WBS01

Tot Ion: 56 Resp: 222966

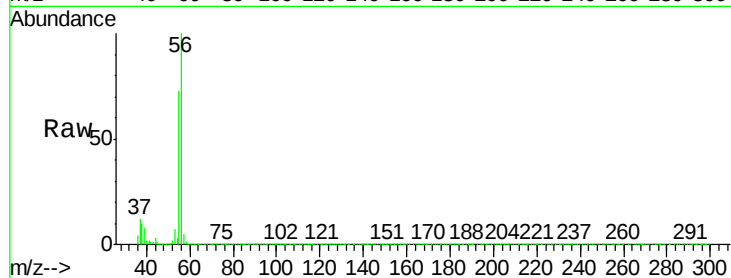
Ion Ratio Lower Upper

56 100

55 72.0 53.5 80.3

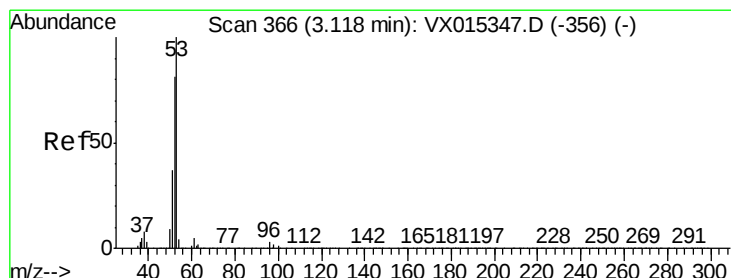
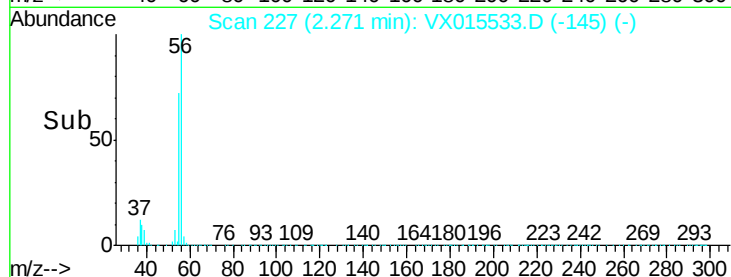
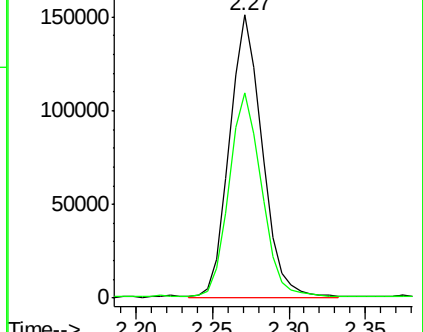
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 95.944 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

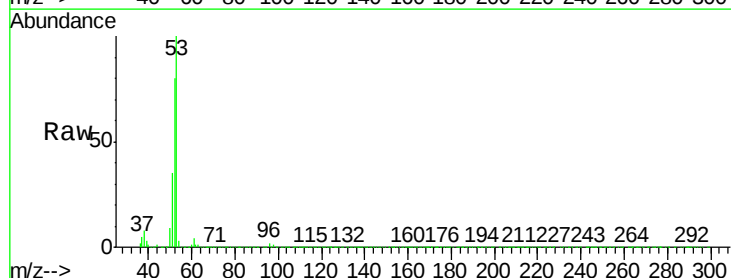
Tgt Ion: 53 Resp: 632137

Ion Ratio Lower Upper

53 100

52 83.1 41.0 123.2

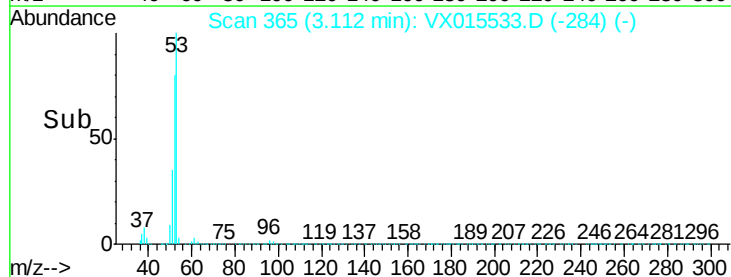
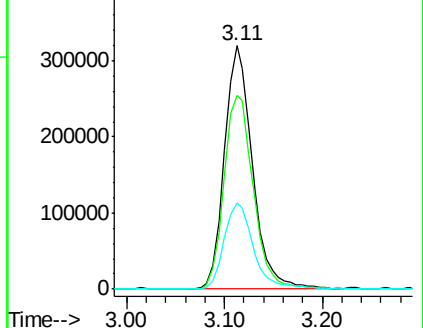
51 37.3 18.4 55.4

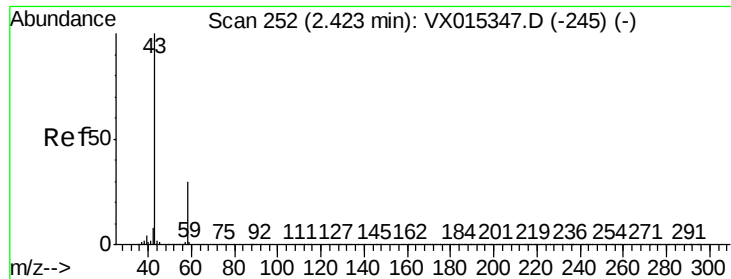


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 96.712 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0407WBS01

Tot Ion: 58 Resp: 162026

Ion Ratio Lower Upper

58 100

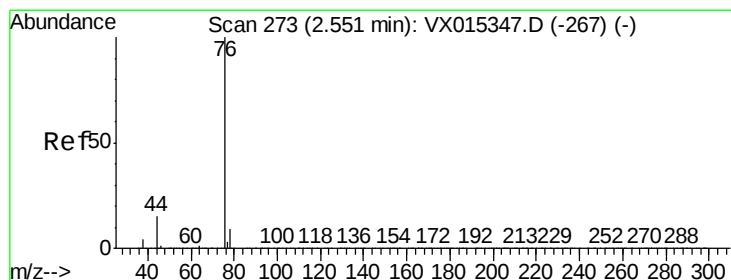
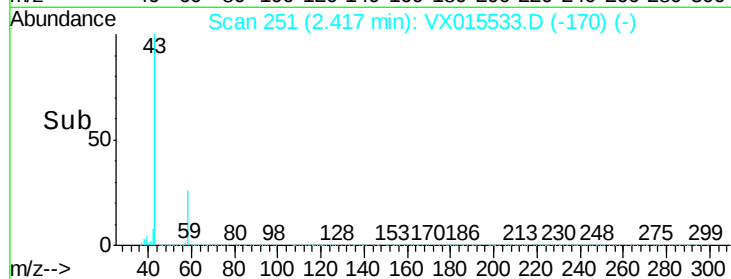
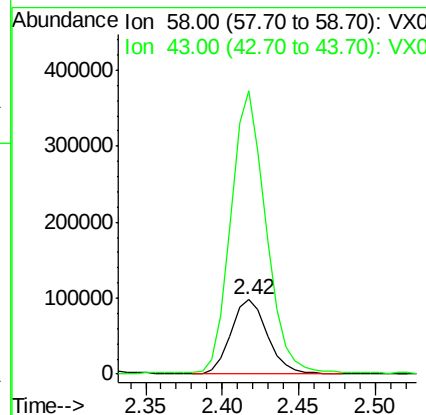
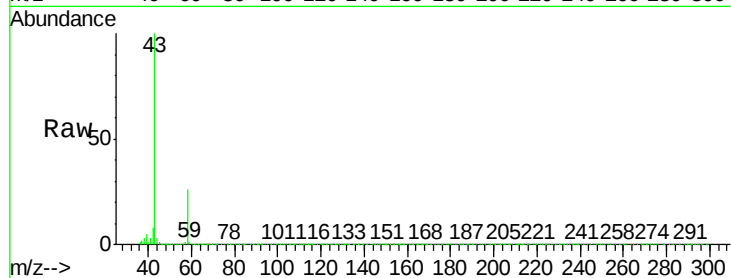
43 380.2 267.8 401.8

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#16

Carbon Disulfide

Concen: 19.161 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015533.D

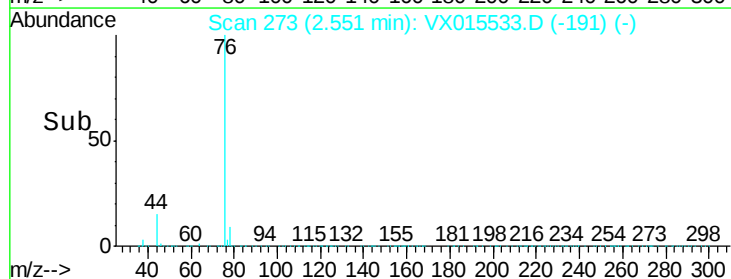
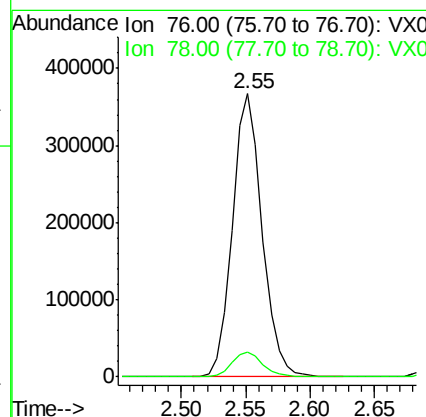
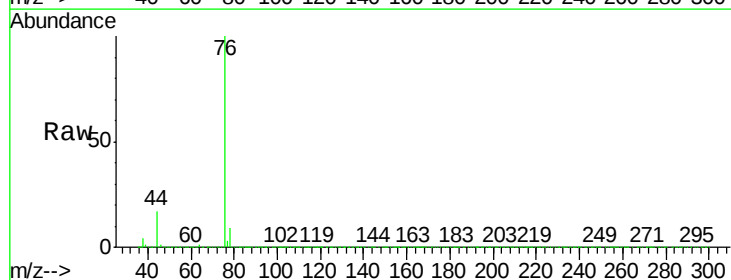
Acq: 07 Apr 2020 13:05

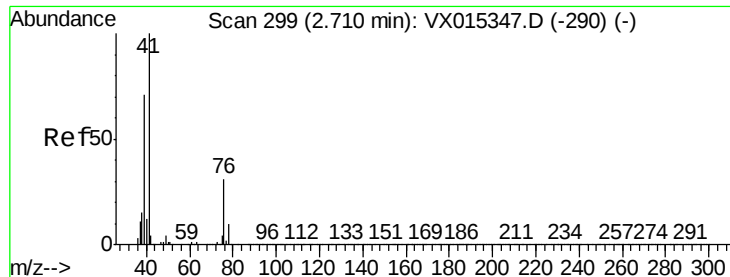
Tgt Ion: 76 Resp: 589103

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





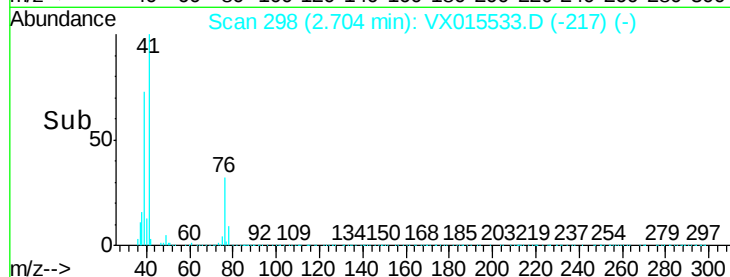
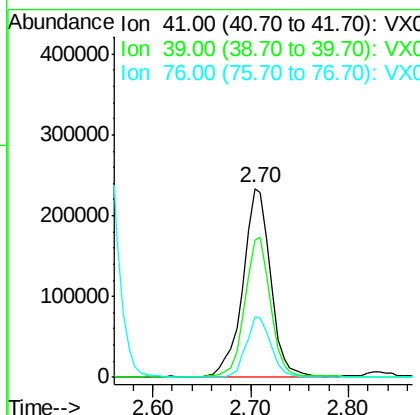
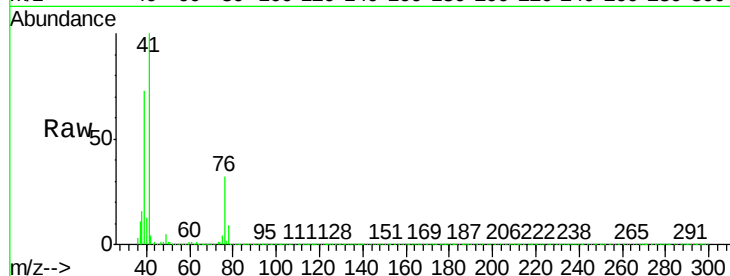
#17
Allvl chloride
Concen: 19.210 ug/l
RT: 2.70 min Scan# 298
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
41	100	456141		
39	72.7		35.6	106.8
76	31.8		15.4	46.4

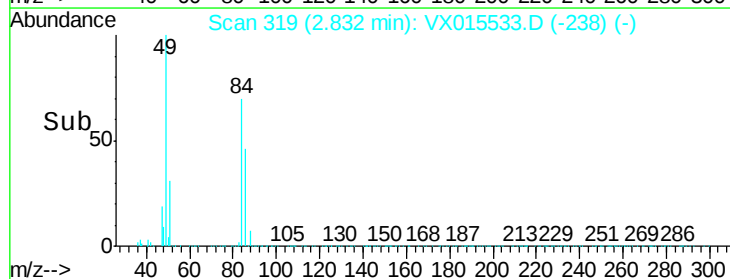
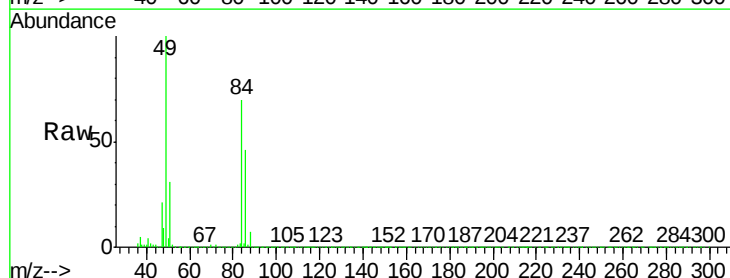
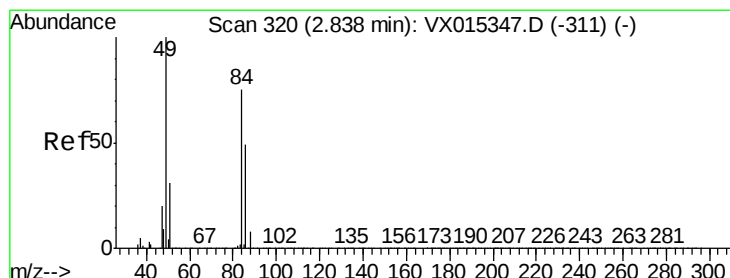
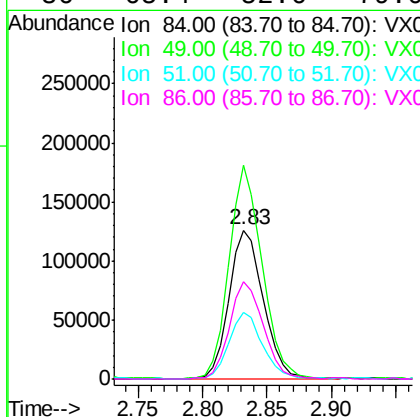
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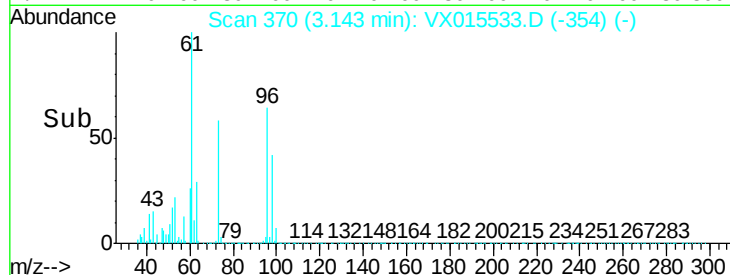
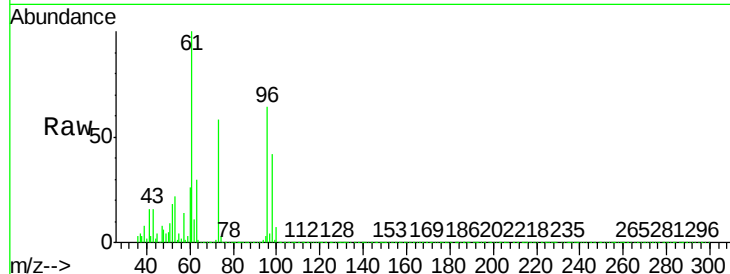
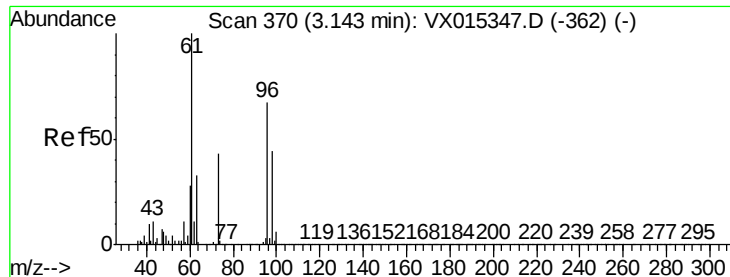
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4/8/2020 11:12:11 AM



#18
Methylene Chloride
Concen: 19.842 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	234296		
49	143.4		107.0	160.4
51	44.2		33.4	50.0
86	65.4		52.6	79.0





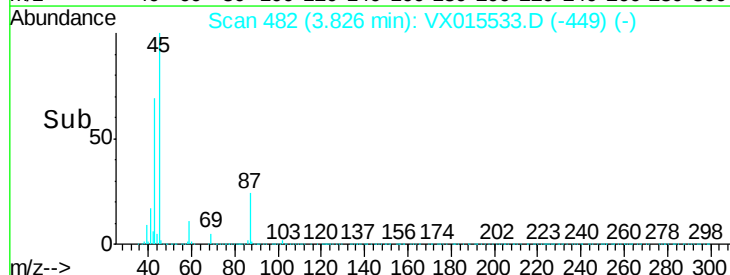
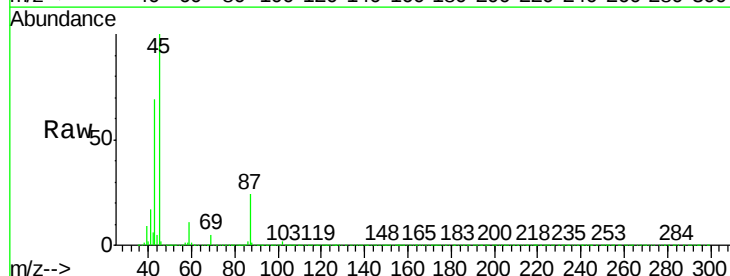
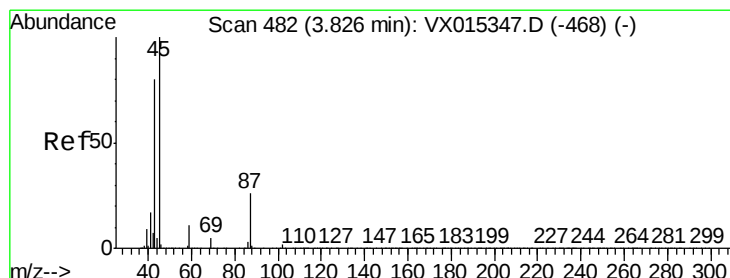
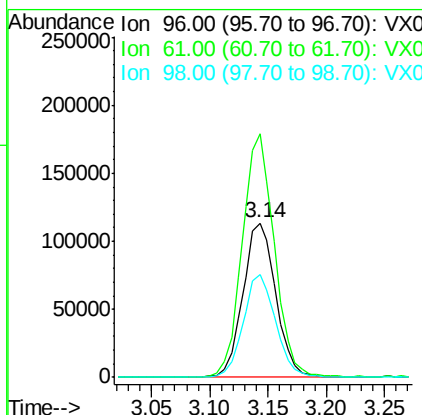
#19
trans-1,2-Dichloroethene
Concen: 19.587 ug/l
RT: 3.14 min Scan# 370
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tot Ion	Ratio	Lower	Upper
96	100		
61	157.1	118.2	177.2
98	66.6	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

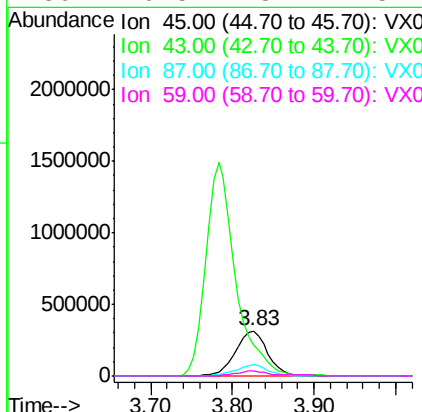
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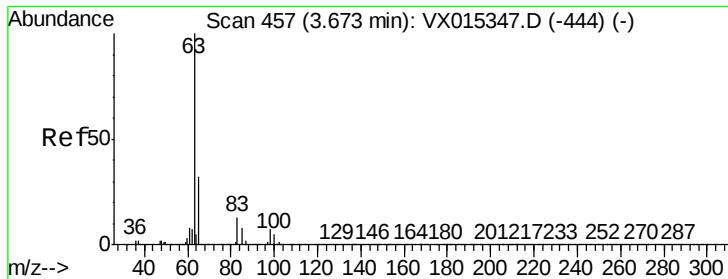
MMDadoda
4/8/2020 11:12:11 AM



#20
Diisopropyl ether
Concen: 20.063 ug/l
RT: 3.83 min Scan# 482
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.2	64.4	96.6
87	24.2	20.4	30.6
59	10.5	8.7	13.1





#21

1,1-Dichloroethane

Concen: 19.922 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

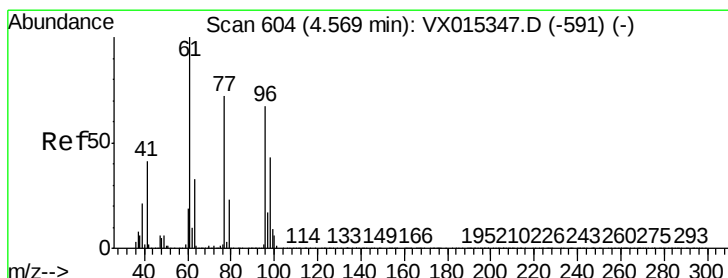
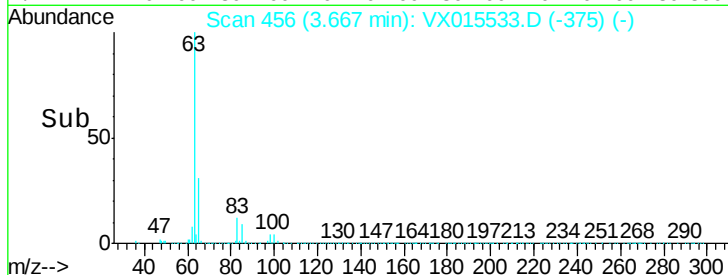
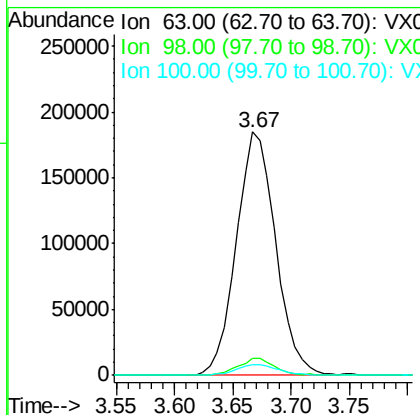
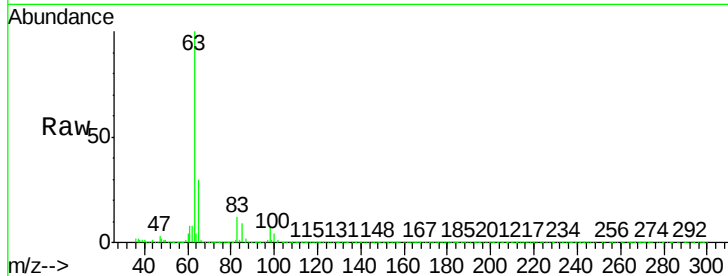
ClientSampleId :

VX0407WBS01

Tot Ion:	63	Resp:	433093
Ion Ratio		Lower	Upper
63	100		
98	7.0	3.3	9.9
100	4.3	2.3	6.8

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#22

cis-1,2-Dichloroethene

Concen: 19.923 ug/l

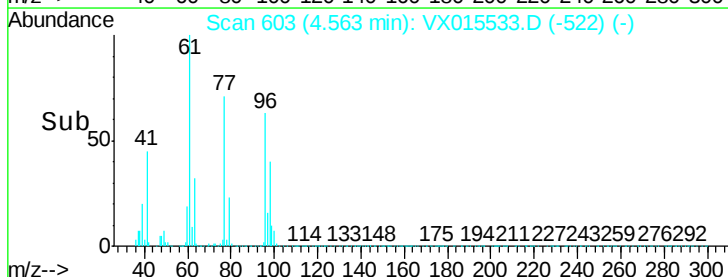
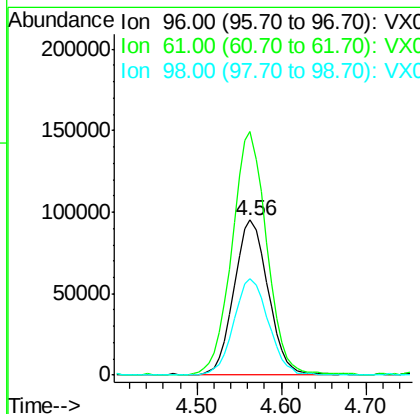
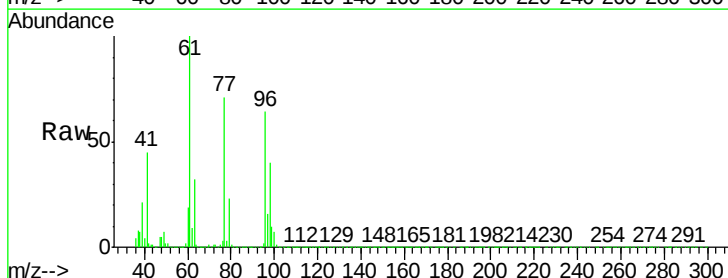
RT: 4.56 min Scan# 603

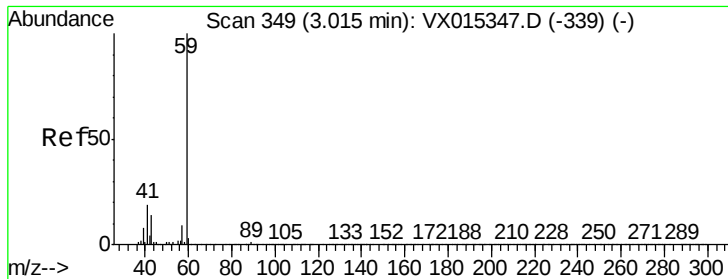
Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	96	Resp:	261132
Ion Ratio		Lower	Upper
96	100		
61	160.0	127.2	190.8
98	62.7	51.8	77.6





#23

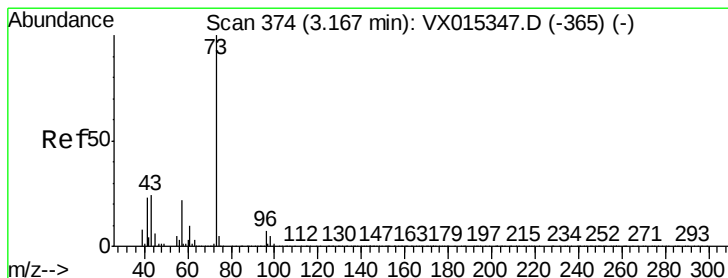
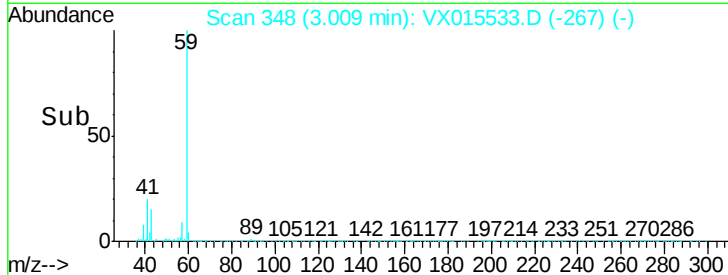
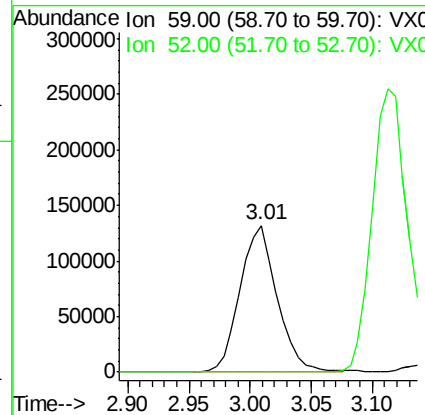
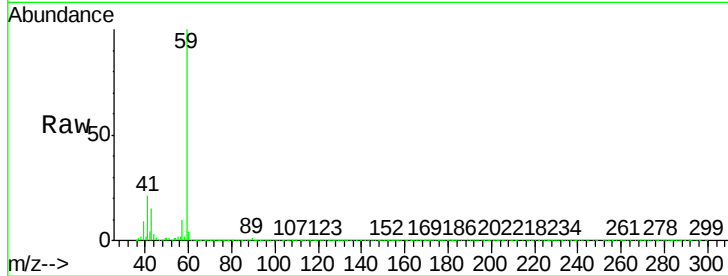
tert-Butyl Alcohol
 Concen: 84.421 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0407WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.2	0.2#

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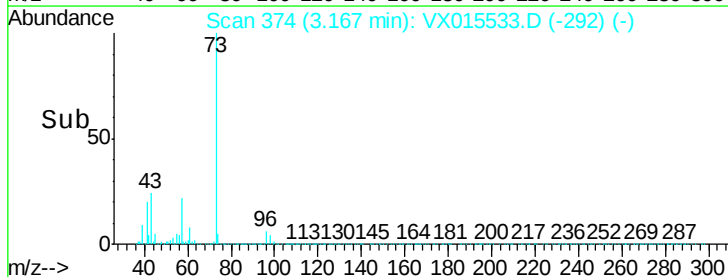
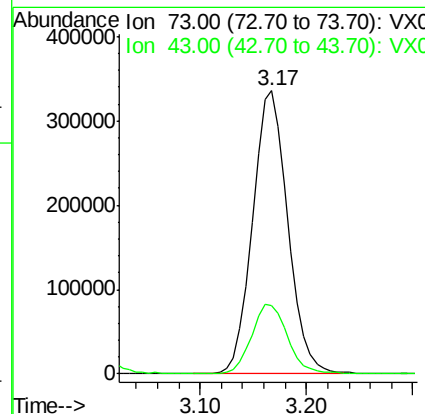
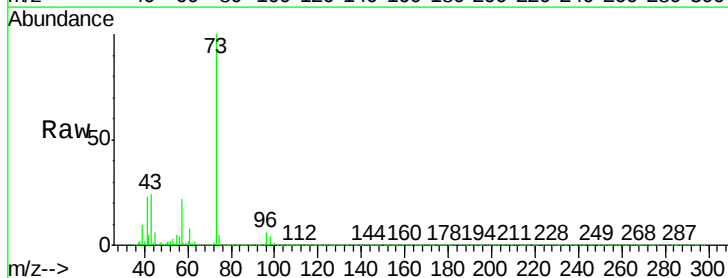
MMDadoda
 4/8/2020 11:12:11 AM

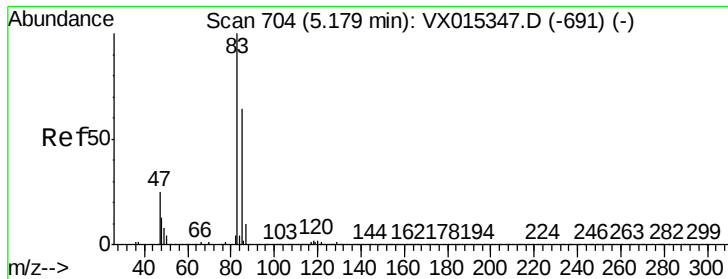


#24

Methyl tert-Butyl Ether
 Concen: 19.864 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.7	19.2	28.8





#25

Chloroform

Concen: 20.323 ug/l

RT: 5.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tot Ion: 83 Resp: 436705

Ion Ratio Lower Upper

83 100

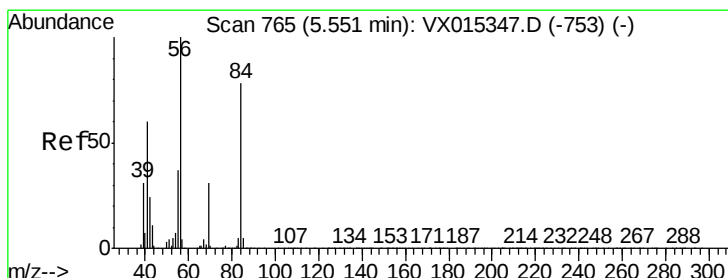
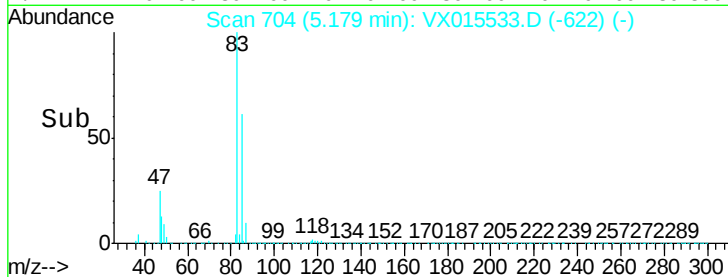
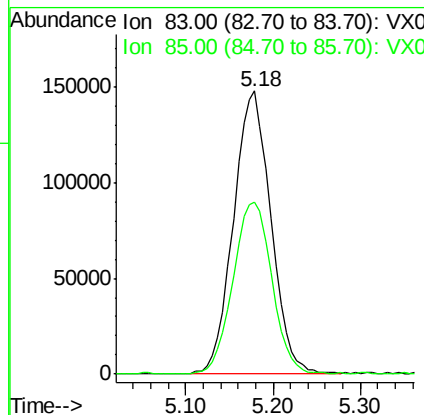
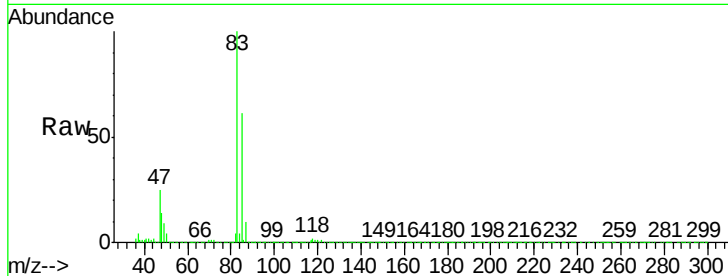
85 60.7 50.5 75.7

Manual Integrations

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#26

Cyclohexane

Concen: 19.398 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

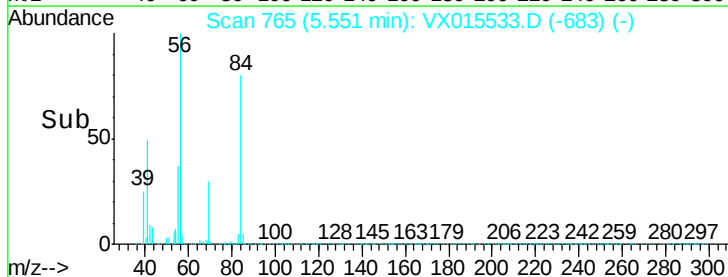
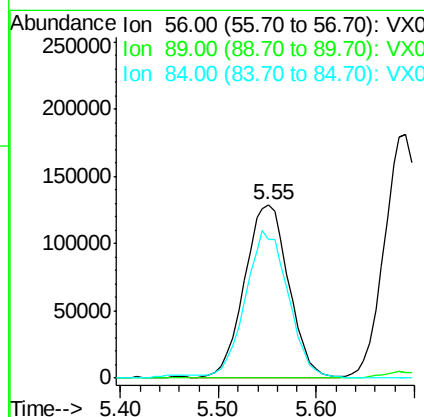
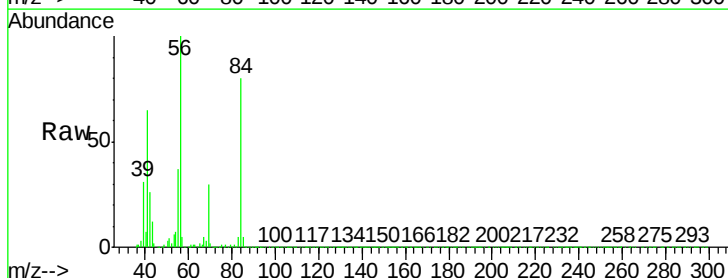
Tgt Ion: 56 Resp: 402917

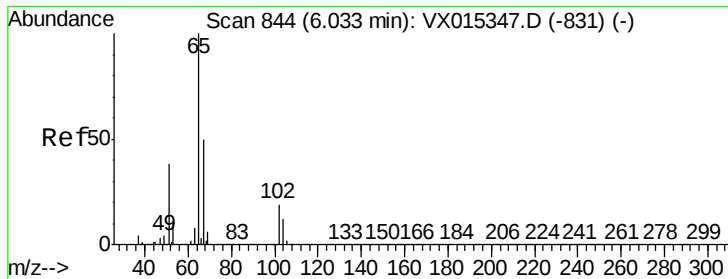
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 81.8 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 31.291 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tot Ion: 65 Resp: 472292

Ion Ratio Lower Upper

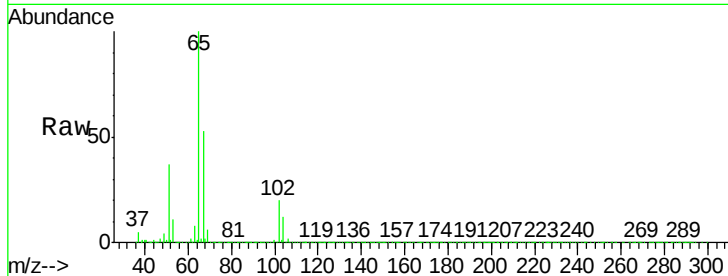
65 100

67 51.2 40.9 61.3

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

6.03

200000

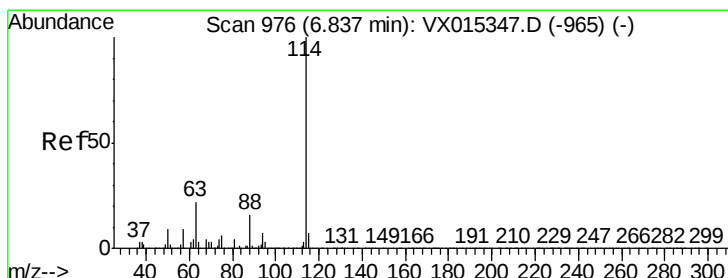
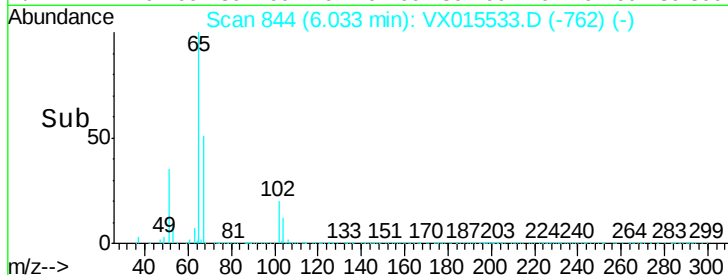
150000

100000

50000

0

Time--> 5.90 6.00 6.10



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

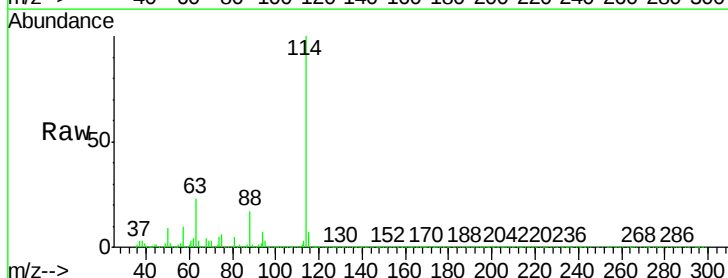
Tgt Ion: 114 Resp: 1084399

Ion Ratio Lower Upper

114 100

63 22.5 17.4 26.2

88 16.4 12.9 19.3



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

600000

500000

400000

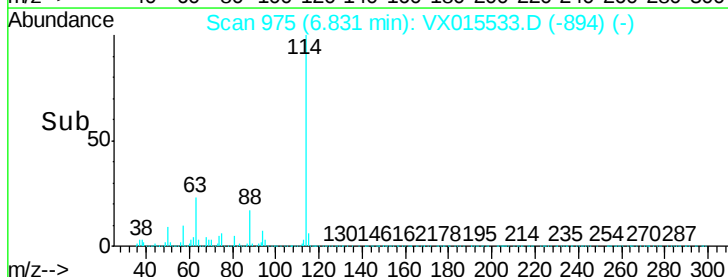
300000

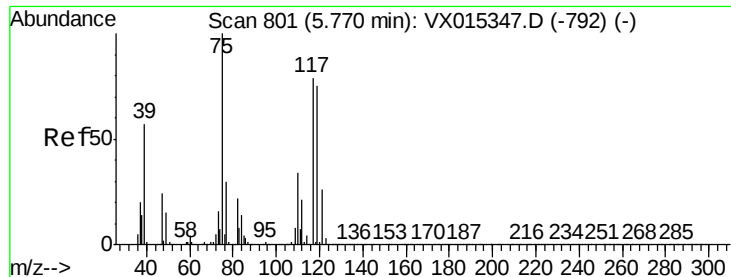
200000

100000

0

Time--> 6.70 6.80 6.90





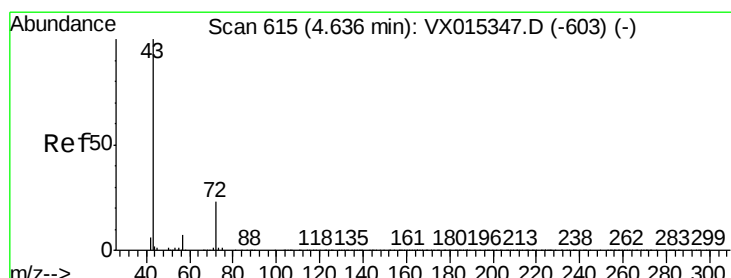
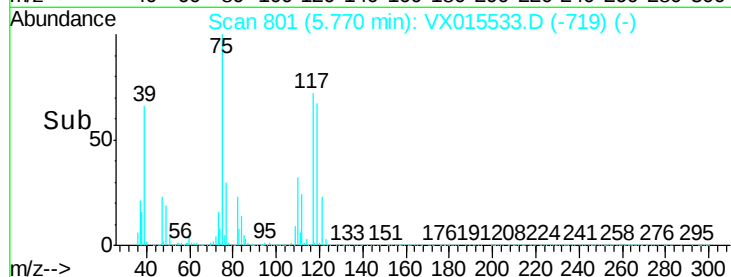
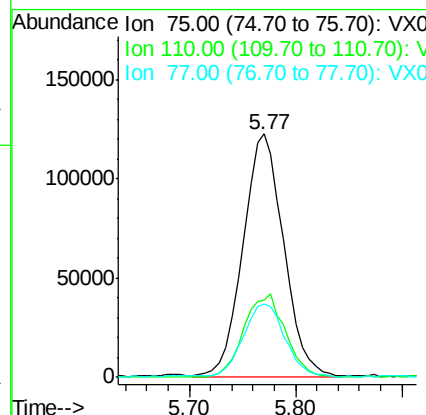
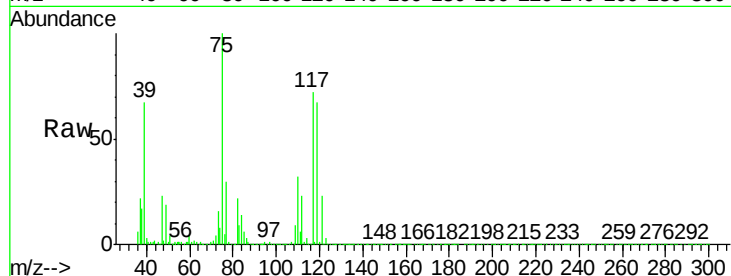
#29
 1,1-Dichloropropene
 Concen: 20.247 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	34.6	0.0	71.2
77	30.5	0.0	62.2

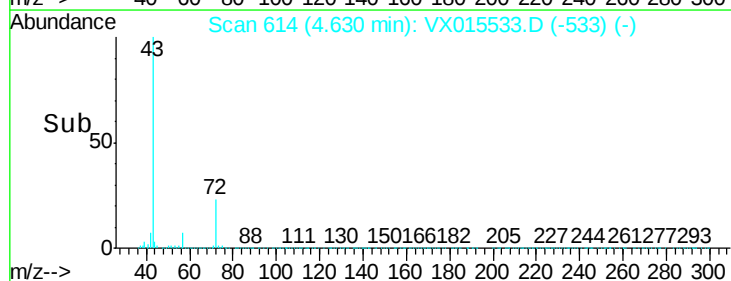
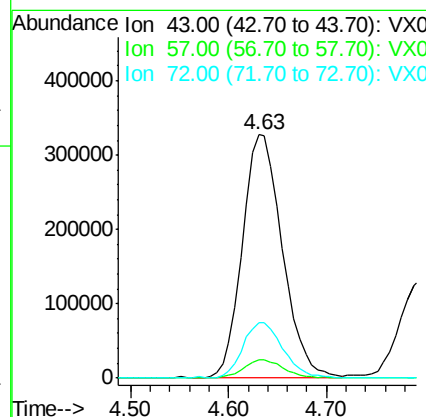
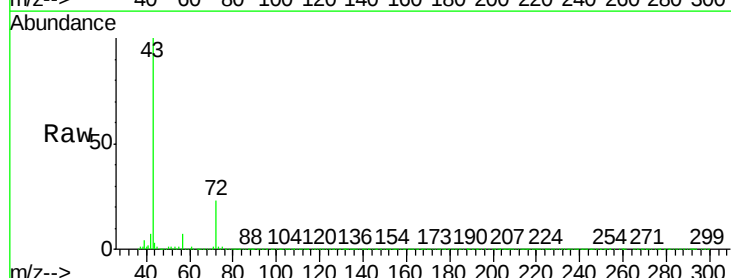
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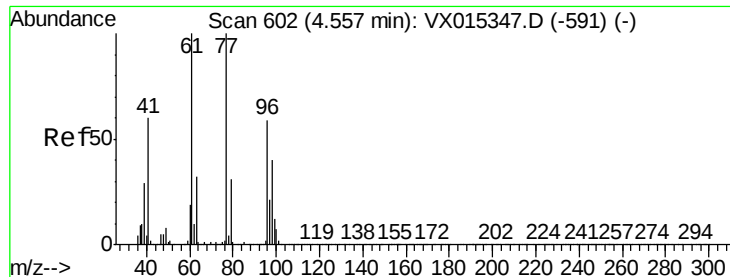
MMDadoda
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#30
 2-Butanone
 Concen: 94.934 ug/l
 RT: 4.63 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.4	5.9	8.9
72	22.5	18.6	27.8





#31

2,2-Dichloropropane

Concen: 20.090 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0407WBS01

Tot Ion: 77 Resp: 393882

Ion Ratio Lower Upper

77 100

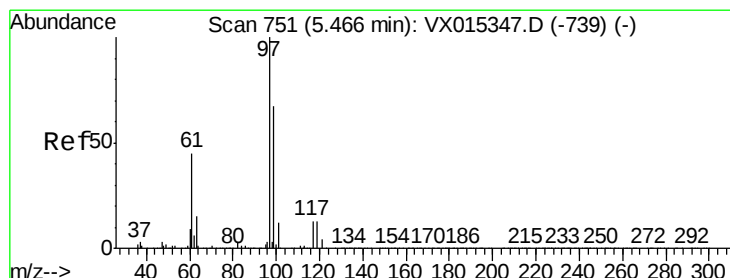
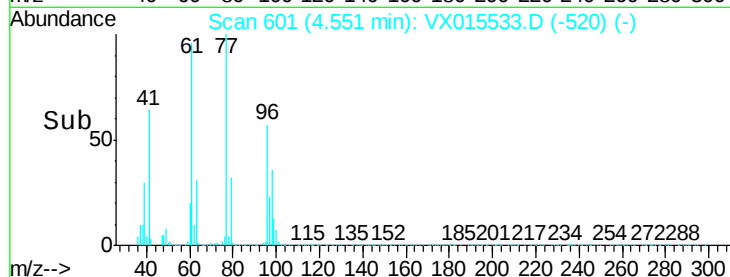
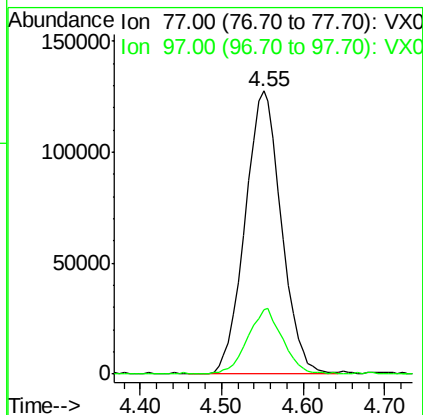
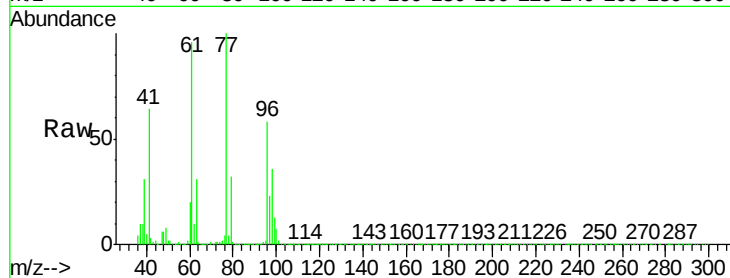
97 21.9 17.8 26.8

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#32

1,1,1-Trichloroethane

Concen: 19.904 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

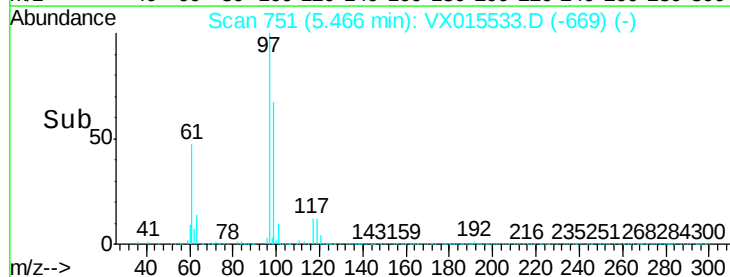
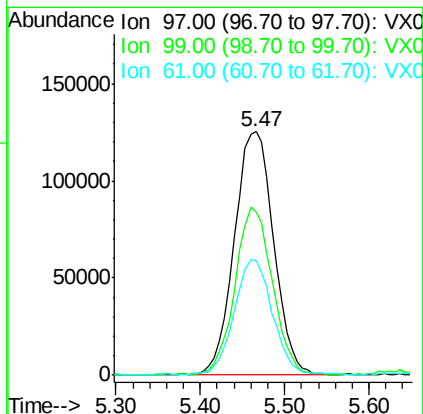
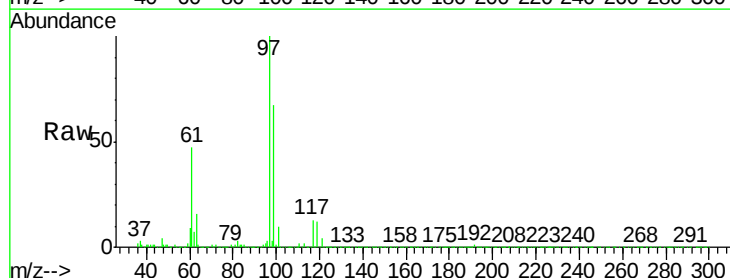
Tgt Ion: 97 Resp: 395645

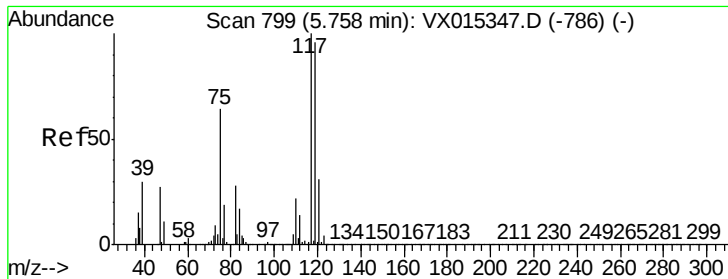
Ion Ratio Lower Upper

97 100

99 65.5 51.0 76.4

61 45.7 35.8 53.8





#33

Carbon Tetrachloride

Concen: 19.756 ug/l

RT: 5.76 min Scan# 799

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

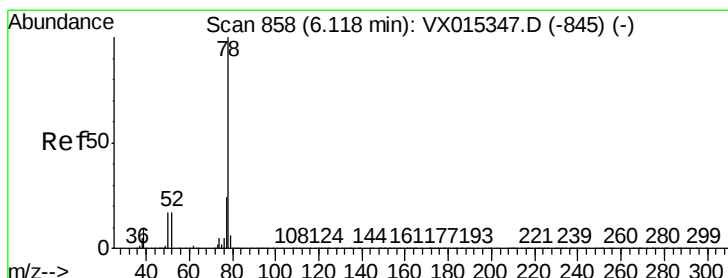
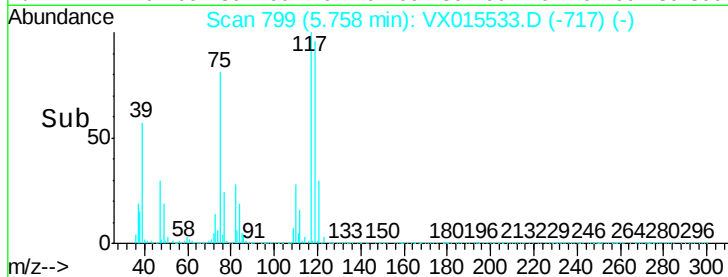
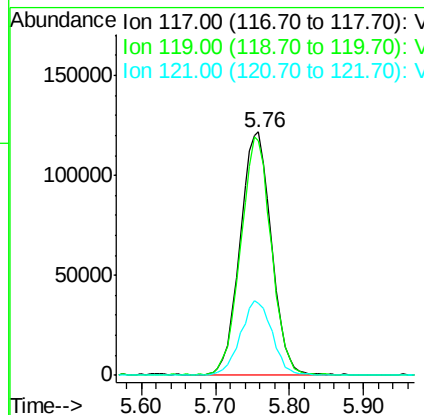
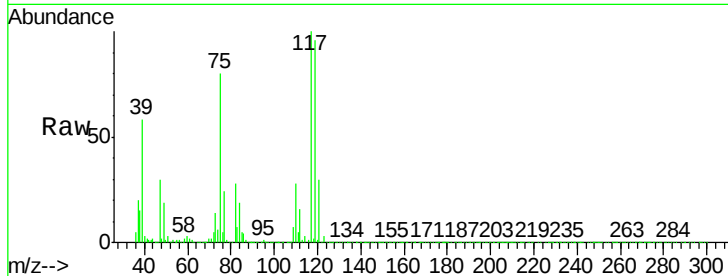
ClientSampleId :

VX0407WBS01

Tot Ion:	117	Resp:	357866
Ion Ratio	Lower	Upper	
117	100		
119	96.1	76.6	114.8
121	29.6	25.0	37.4

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#34

Benzene

Concen: 20.105 ug/l

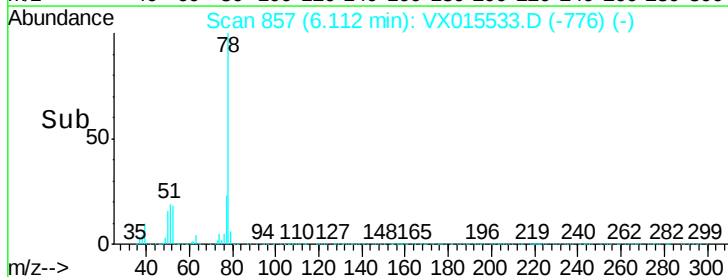
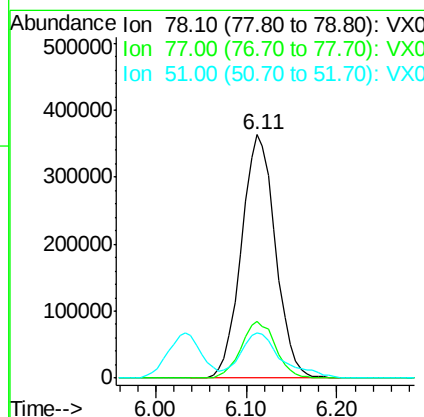
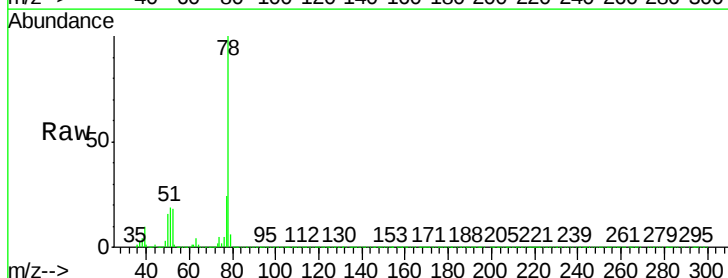
RT: 6.11 min Scan# 857

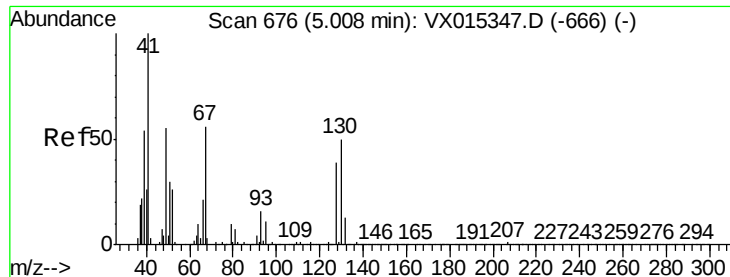
Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	78	Resp:	944062
Ion Ratio	Lower	Upper	
78	100		
77	23.5	19.4	29.2
51	18.3	14.6	21.8





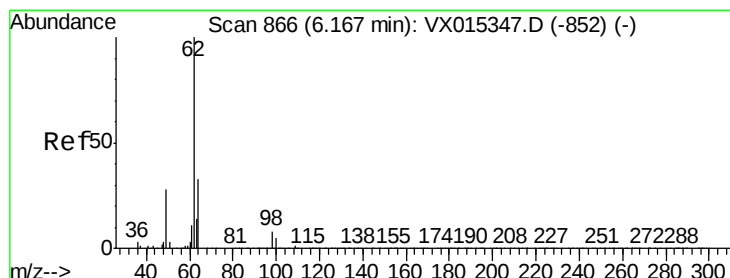
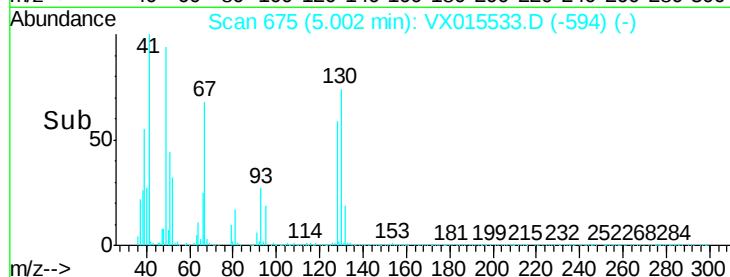
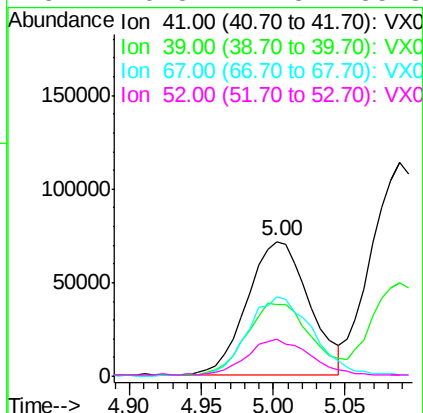
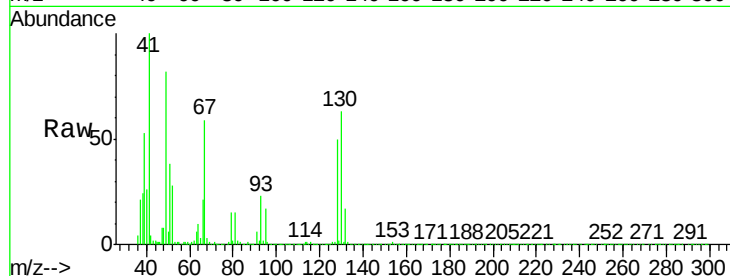
#35
Methacrylonitrile
Concen: 19.305 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		213810		
39	52.7	27.0	81.0		
67	57.5	28.2	84.6		
52	26.3	12.8	38.3		

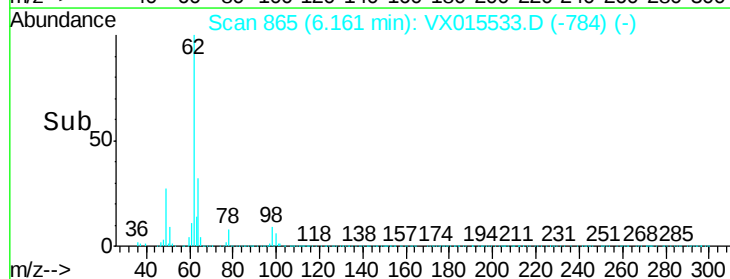
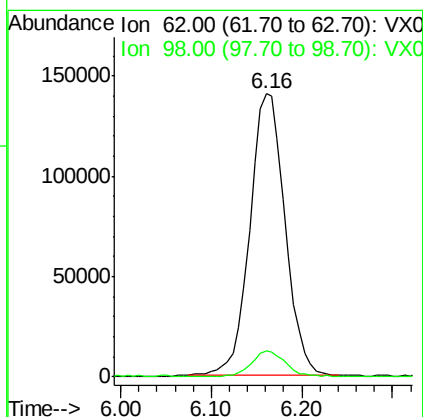
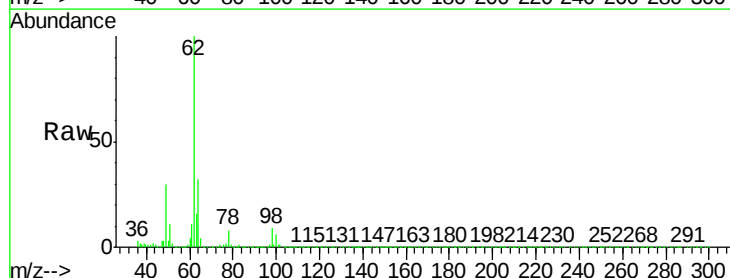
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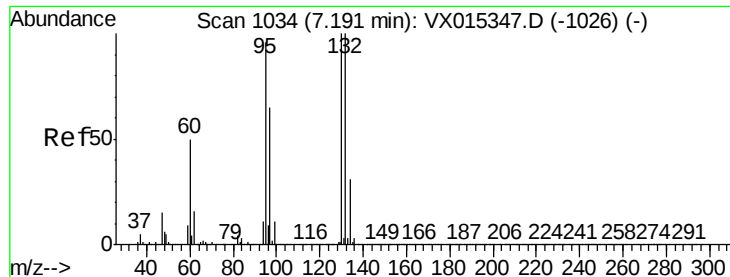
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#36
1,2-Dichloroethane
Concen: 20.827 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		377887		
98	8.6	6.9	10.3		





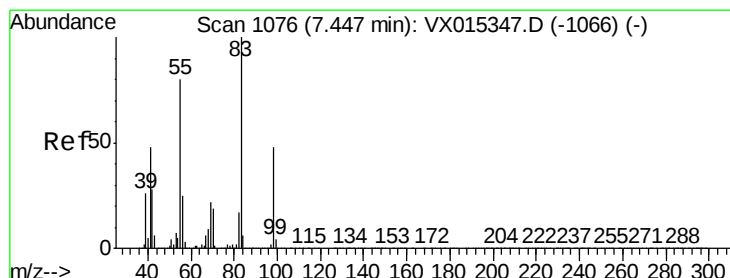
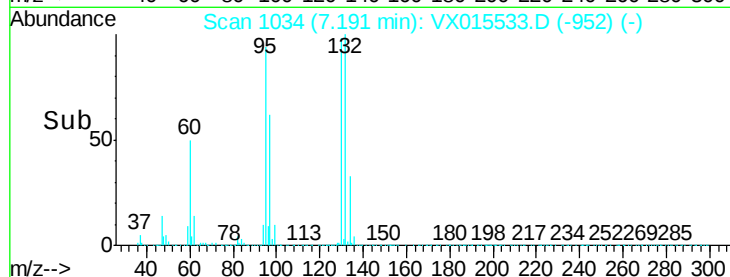
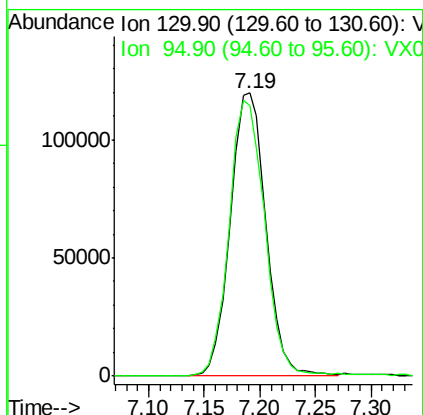
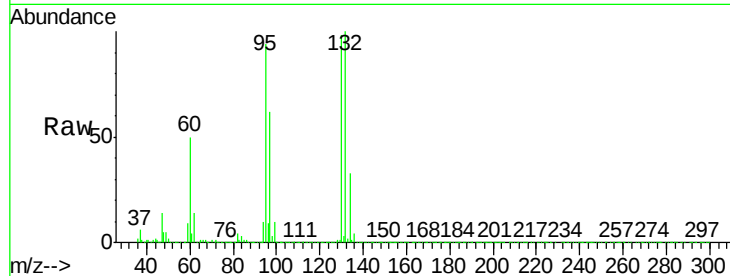
#37
 Trichloroethene
 Concen: 19.959 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampled :
 VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
130	100	263887		
95	95.2	76.4	114.6	

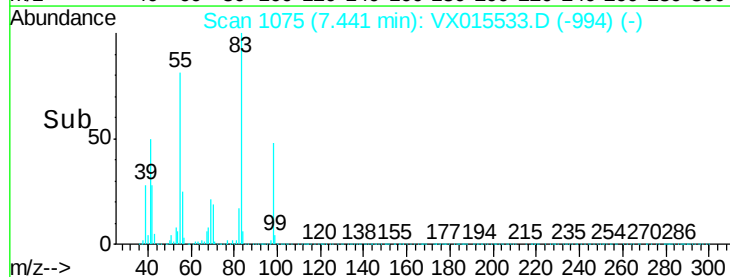
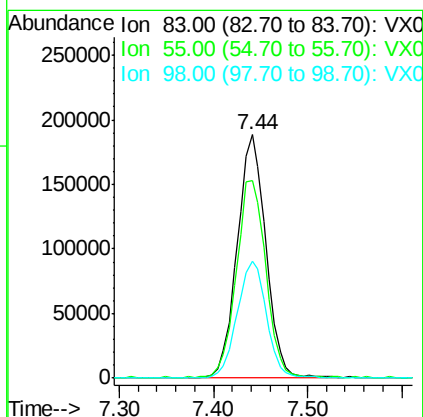
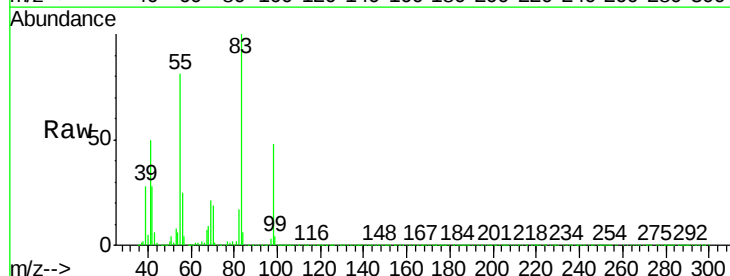
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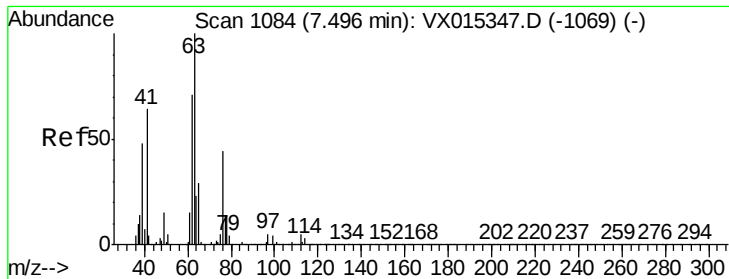
MMDadoda
 4/8/2020 11:12:11 AM



#38
 Methylcyclohexane
 Concen: 19.924 ug/l
 RT: 7.44 min Scan# 1075
 Delta R.T. -0.01 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	397927		
55	83.7	41.3	124.1	
98	48.2	24.0	72.0	





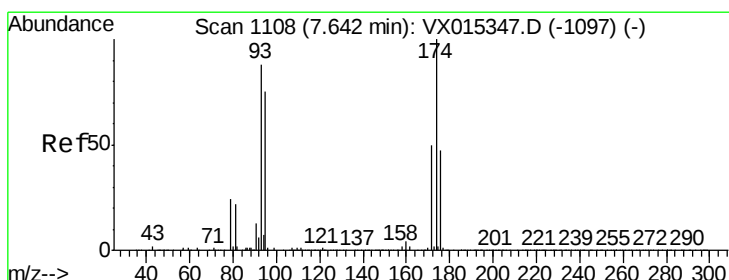
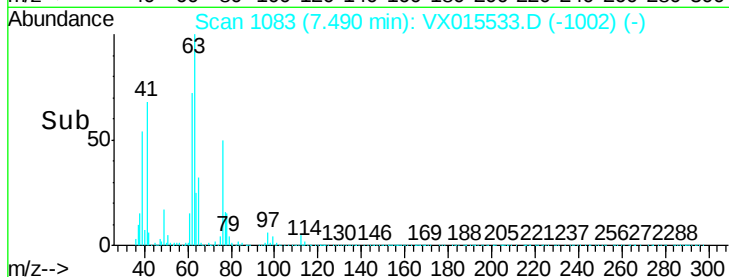
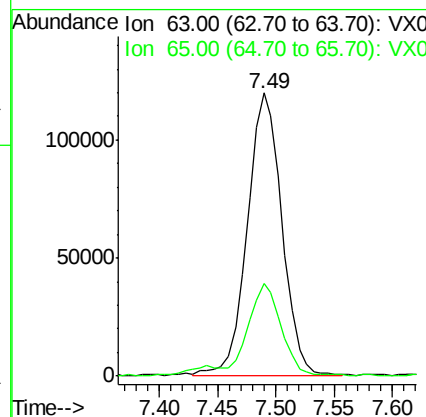
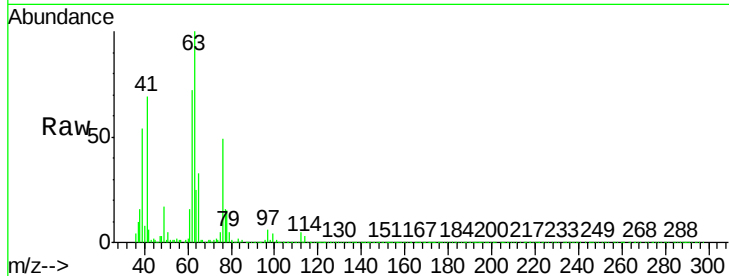
#39
 1,2-Dichloropropane
 Concen: 19.609 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	23.0	34.4

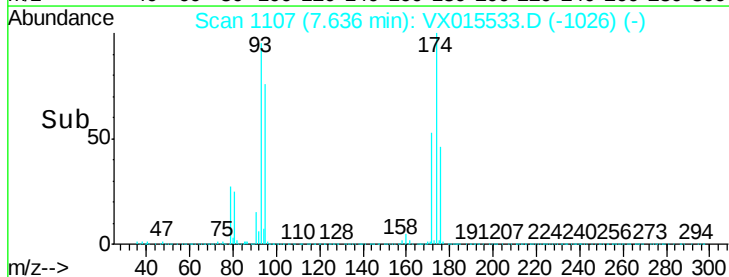
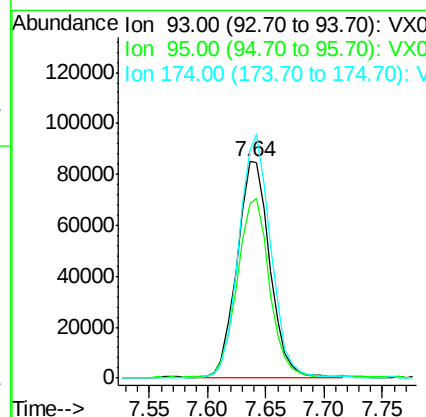
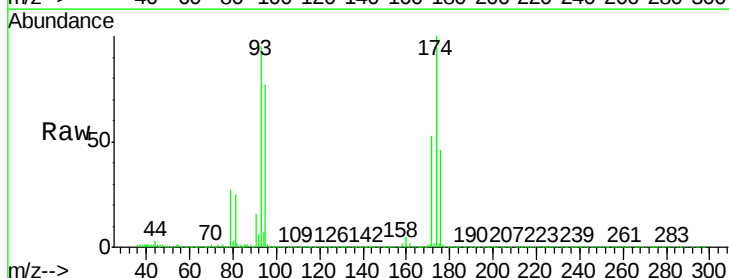
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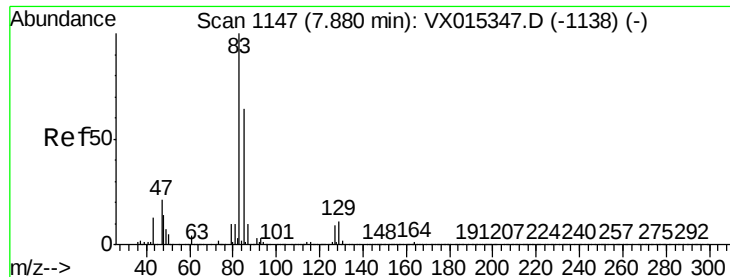
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#40
 Dibromomethane
 Concen: 19.894 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.6	0.0	166.4
174	109.7	0.0	225.4





#41

Bromodichloromethane

Concen: 19.470 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

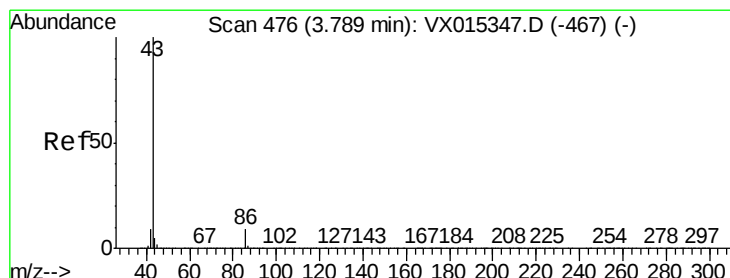
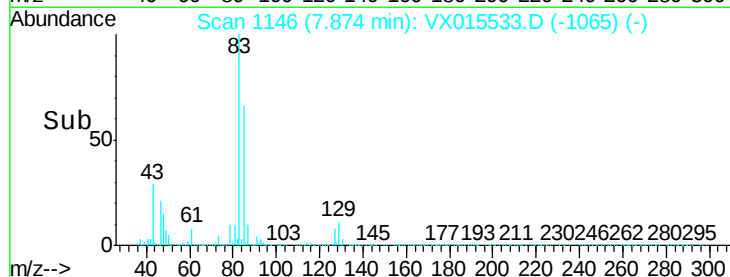
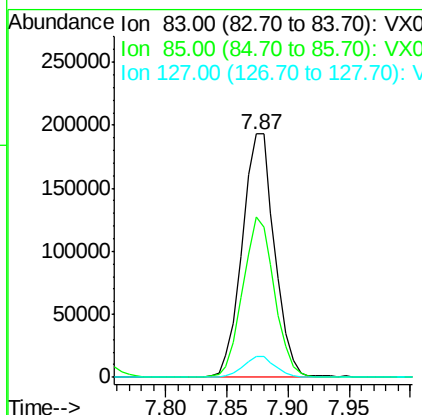
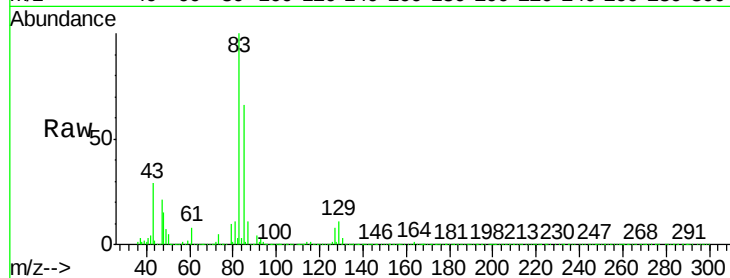
ClientSampleId :

VX0407WBS01

Tot Ion:	83	Resp:	355209
Ion Ratio	Lower	Upper	
83	100		
85	65.6	51.6	77.4
127	8.4	7.0	10.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 102.817 ug/l

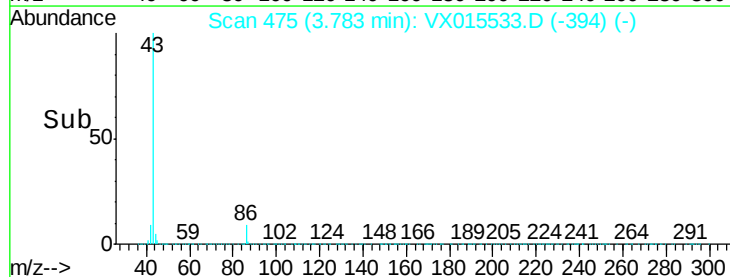
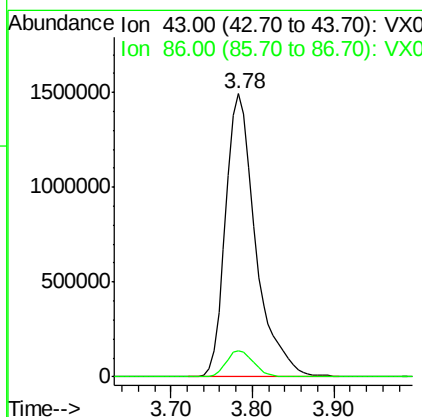
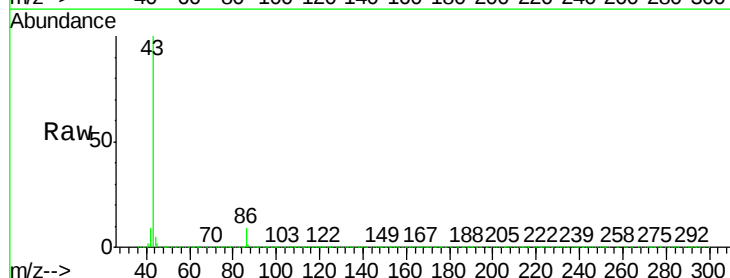
RT: 3.78 min Scan# 475

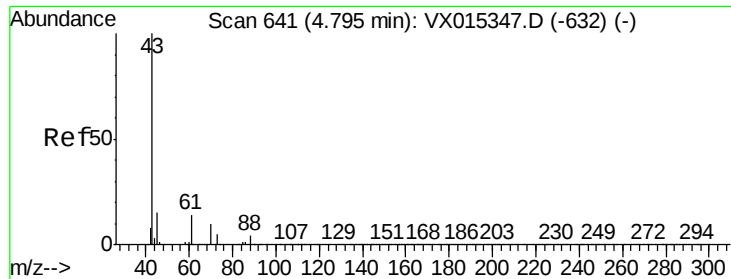
Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	43	Resp:	3804789
Ion Ratio	Lower	Upper	
43	100		
86	8.3	6.9	10.3





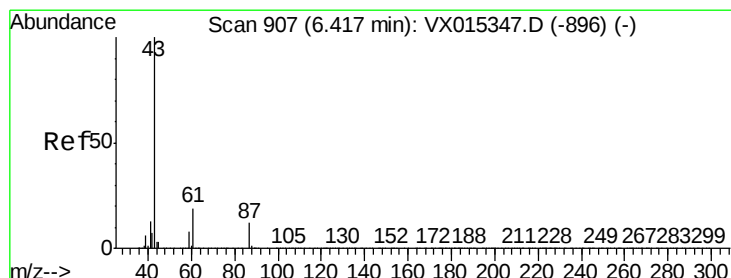
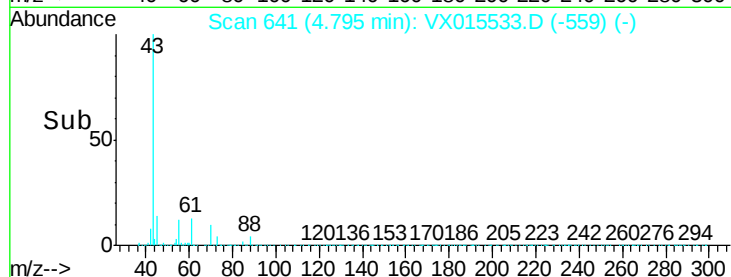
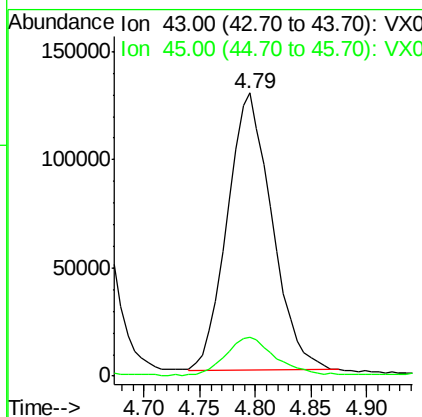
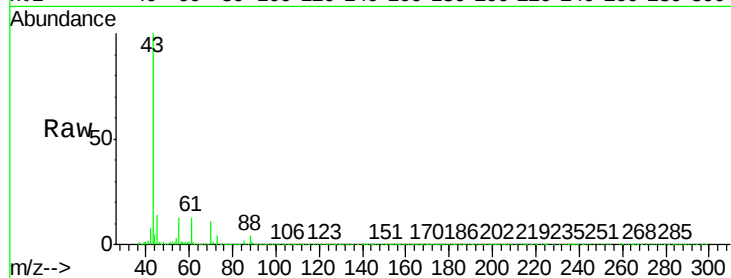
#43
Ethyl Acetate
Concen: 16.864 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.6	12.2	18.4

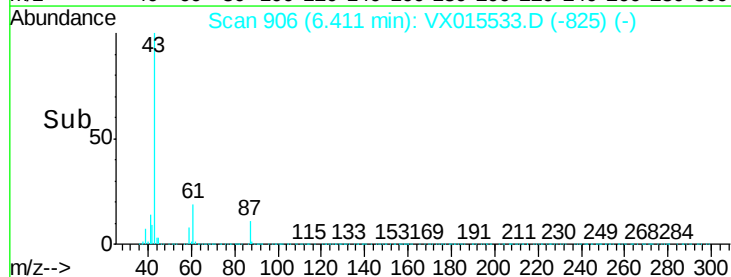
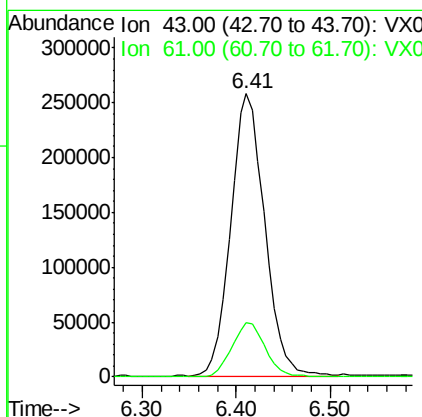
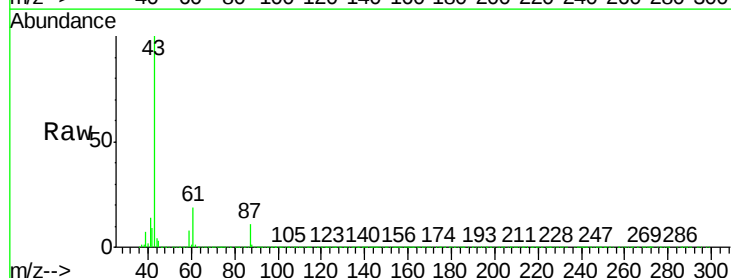
Manual Integrations
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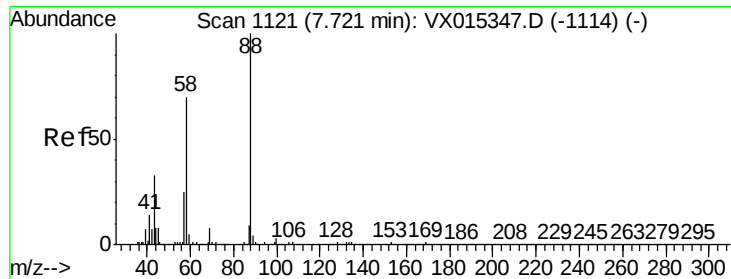
MMDadoda
4/8/2020 11:12:11 AM



#44
Isopropyl Acetate
Concen: 18.857 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.6	22.0





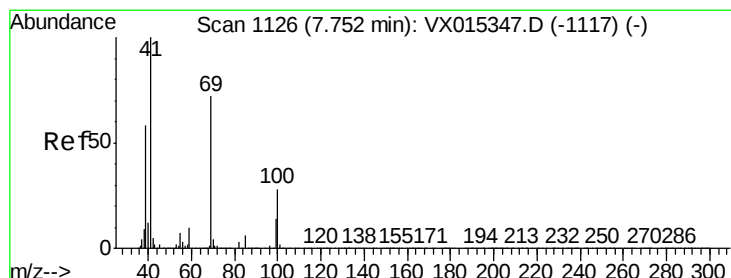
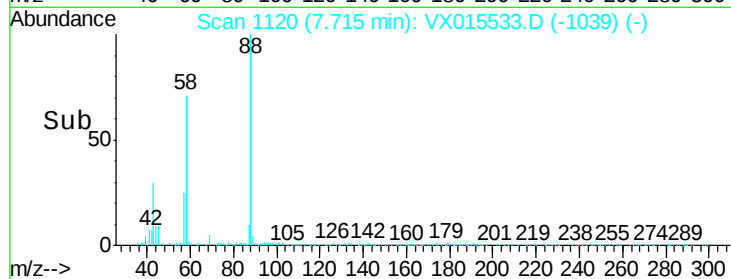
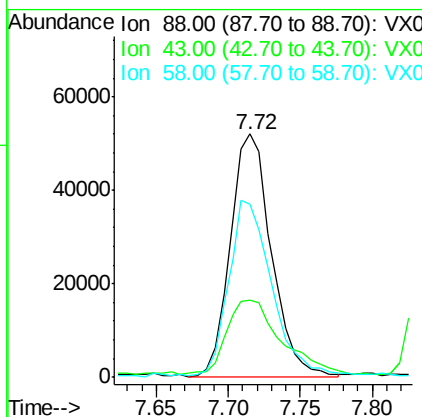
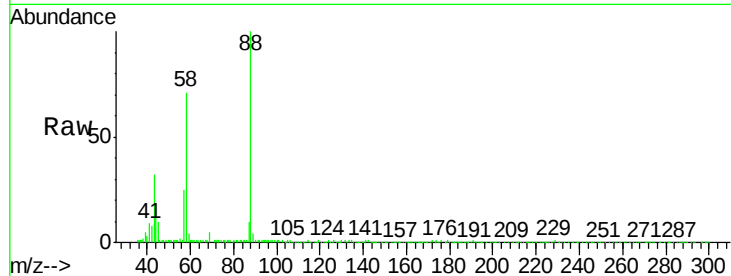
#45
1,4-Dioxane
Concen: 329.284 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Resp Lower	Upper
88	100		
43	39.5	32.1	48.1
58	74.8	59.4	89.0

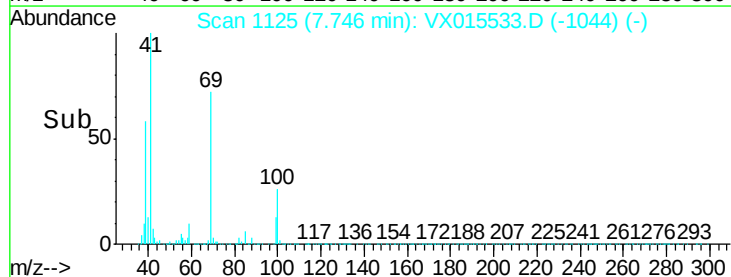
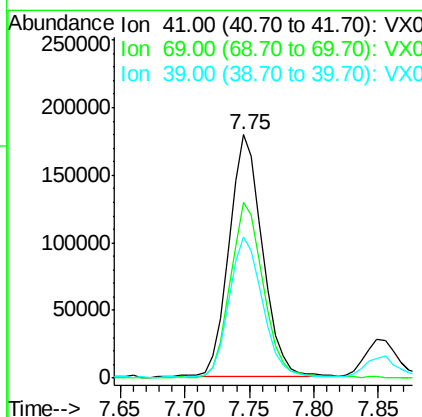
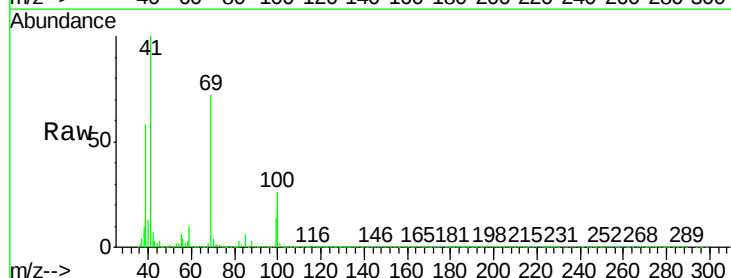
Manual Integrations
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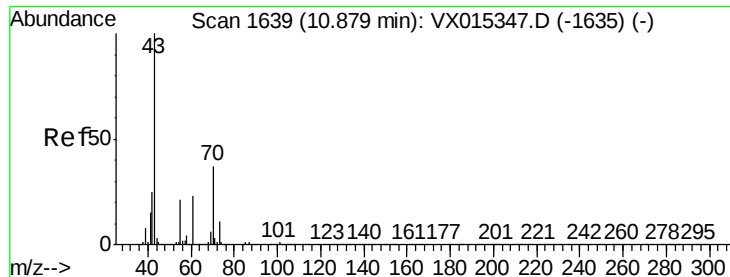
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#46
Methyl methacrylate
Concen: 19.005 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp Lower	Upper
41	100		
69	72.3	35.8	107.4
39	58.0	28.9	86.8





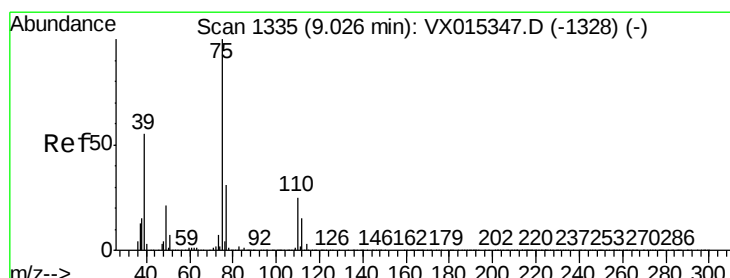
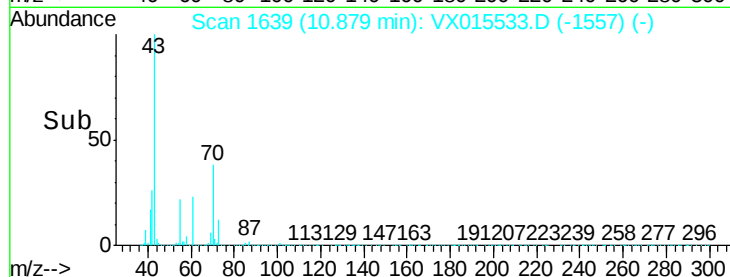
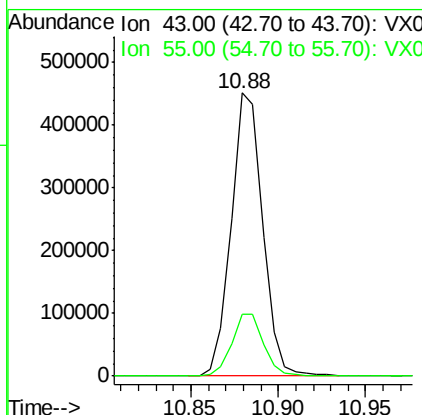
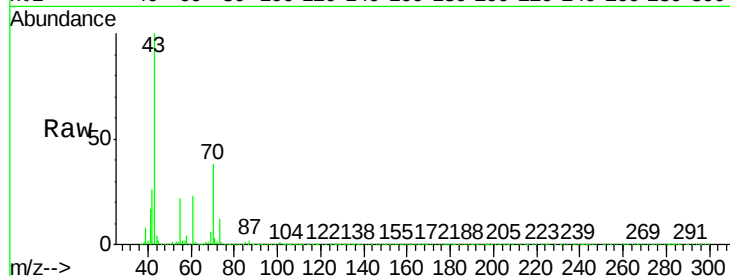
#47
n-amvl Acetate
Concen: 19.137 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
55	21.9	17.0	25.6

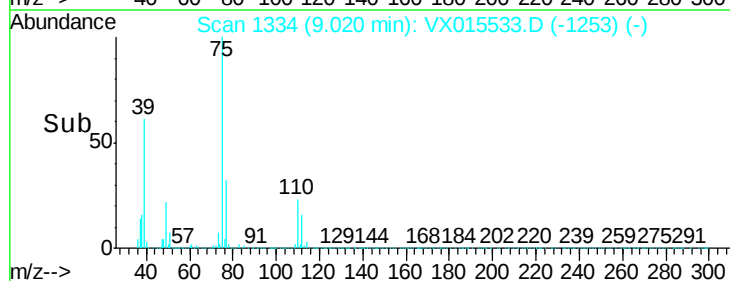
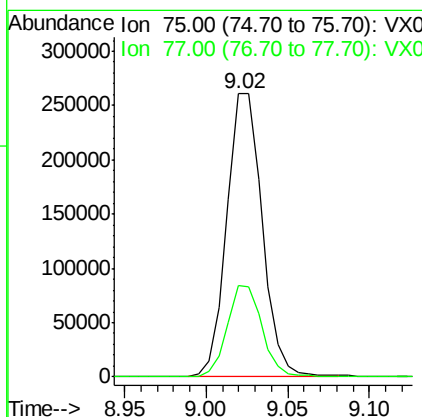
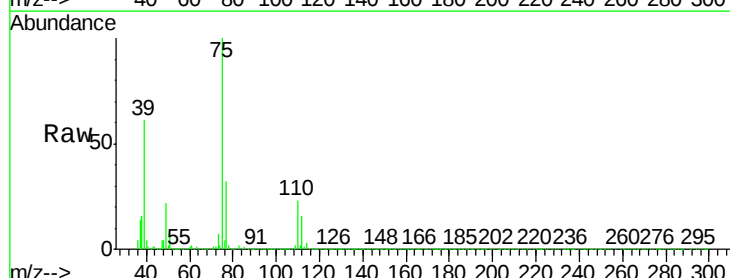
Manual Integrations
APPROVED

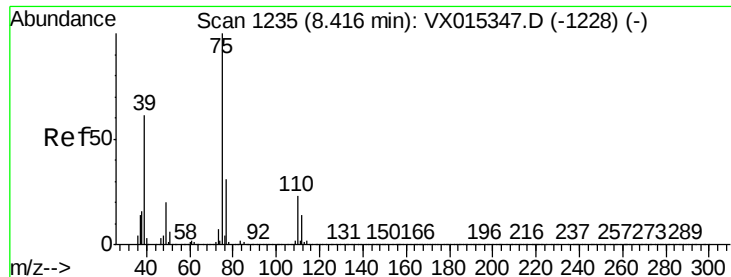
MMDadoda
4/8/2020 11:12:11 AM



#48
t-1,3-Dichloropropene
Concen: 18.701 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	24.6	37.0





#49

cis-1,3-Dichloropropene

Concen: 19.528 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

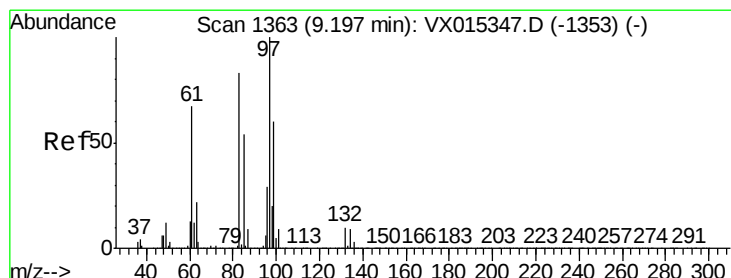
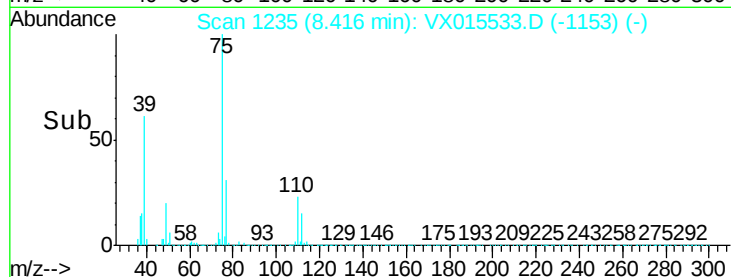
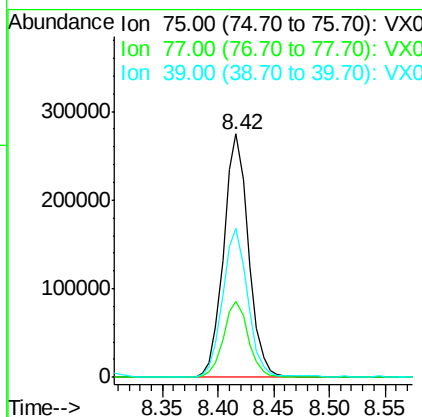
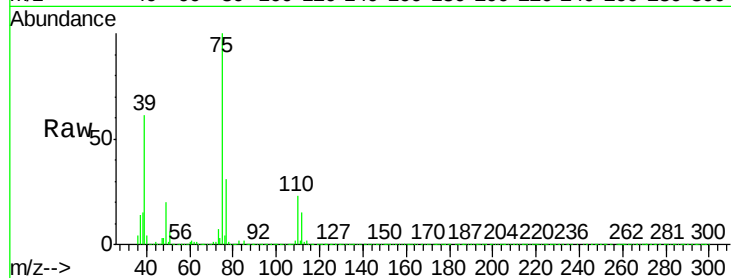
ClientSampleId :

VX0407WBS01

Tot Ion:	75	Resp:	424521
Ion Ratio	Lower	Upper	
75	100		
77	31.3	24.6	36.8
39	61.1	48.9	73.3

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#50

1,1,2-Trichloroethane

Concen: 19.627 ug/l

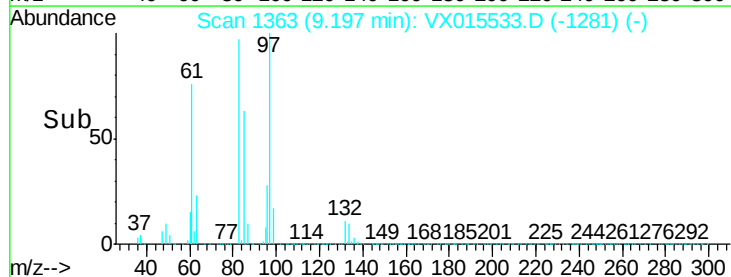
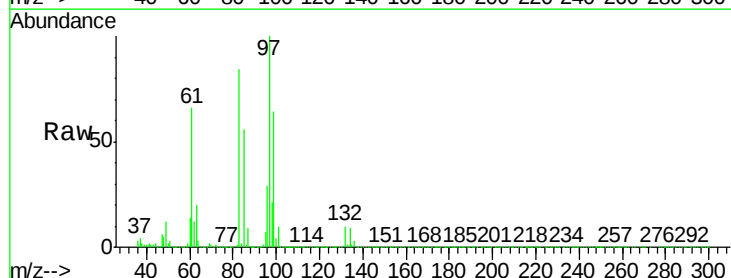
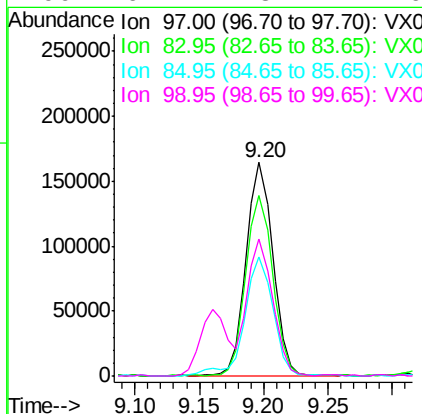
RT: 9.20 min Scan# 1363

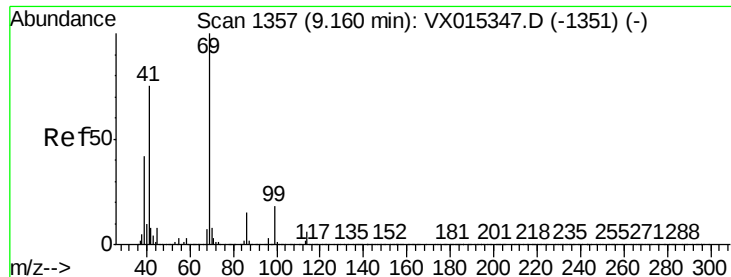
Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	97	Resp:	236450
Ion Ratio	Lower	Upper	
97	100		
83	84.3	66.8	100.2
85	55.4	43.3	64.9
99	64.1	48.4	72.6





#51

Ethyl methacrylate

Concen: 19.307 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

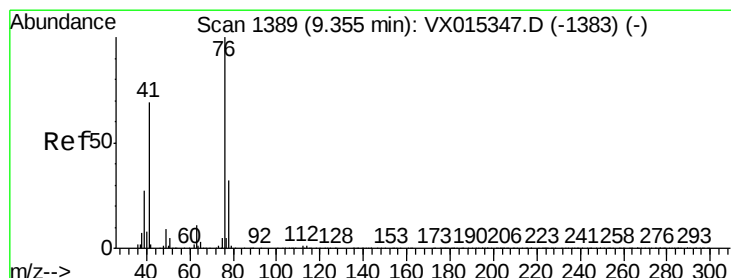
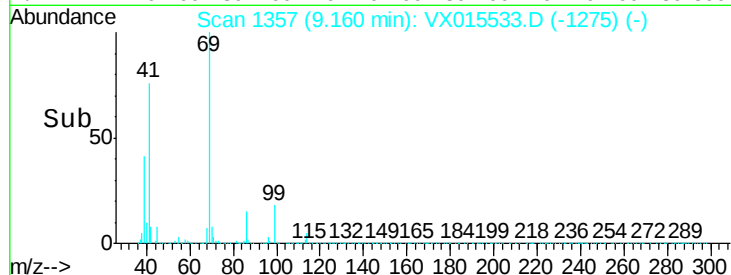
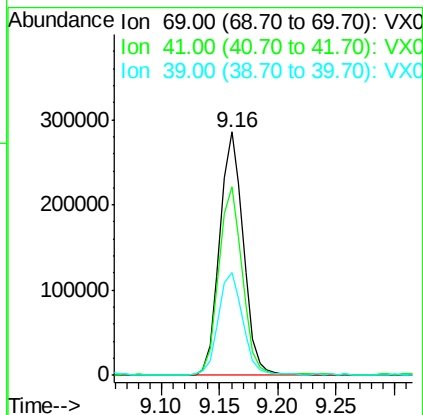
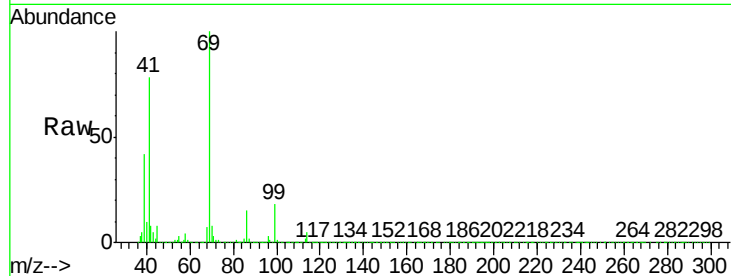
ClientSampleId :

VX0407WBS01

Tot Ion:	69	Resp:	400043
Ion Ratio	Lower	Upper	
69	100		
41	77.3	37.4	112.2
39	42.0	21.1	63.1

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#52

1,3-Dichloropropane

Concen: 20.025 ug/l

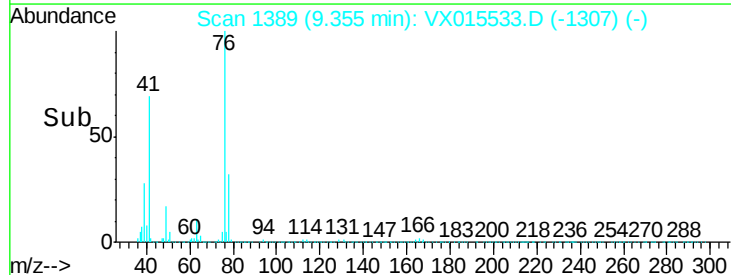
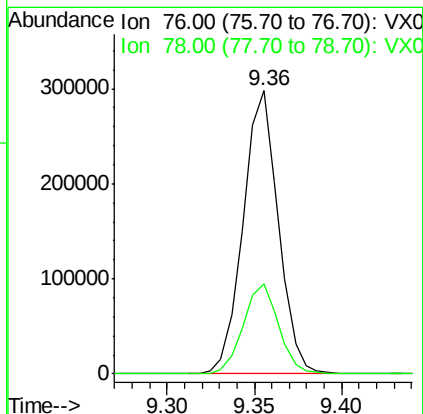
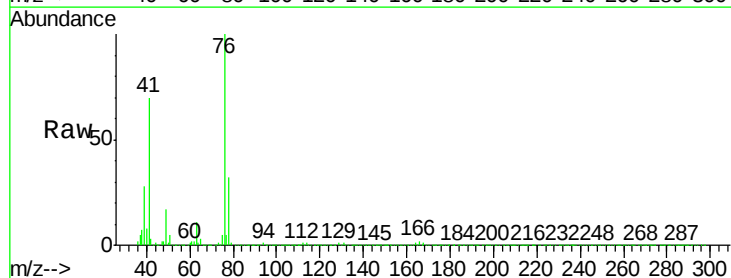
RT: 9.36 min Scan# 1389

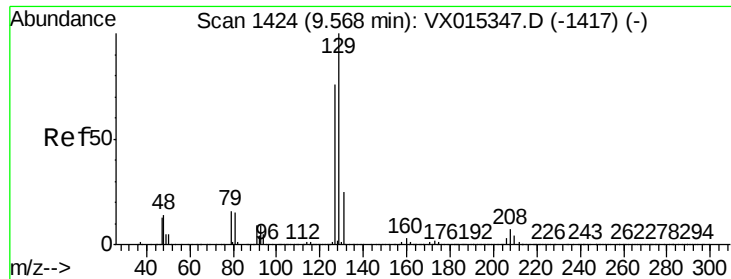
Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	76	Resp:	416697
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	63.2





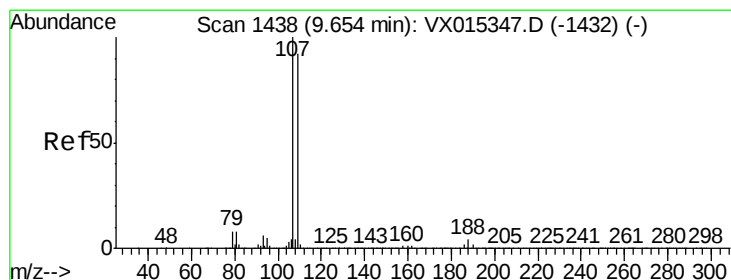
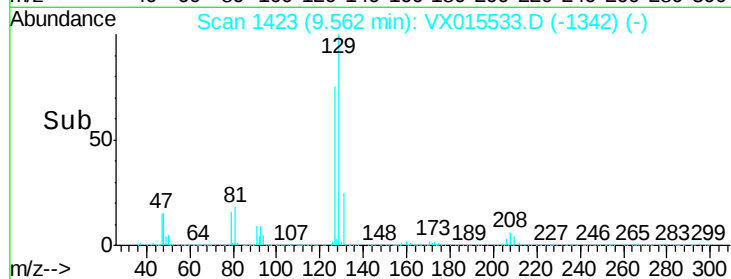
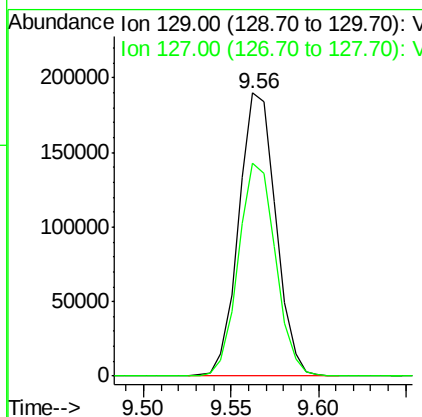
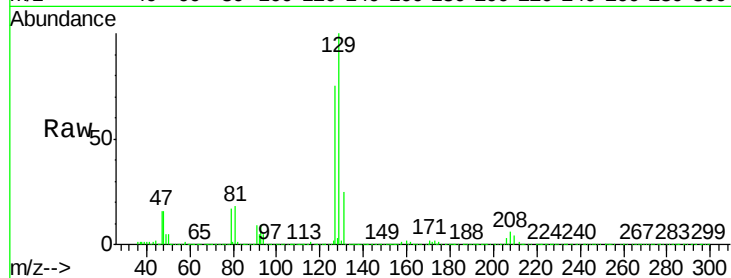
#53
Dibromochloromethane
Concen: 18.820 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.4	38.6	115.7

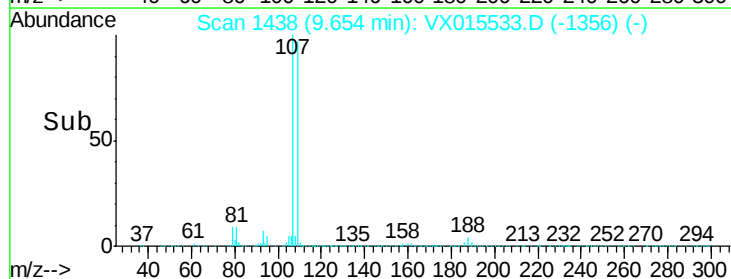
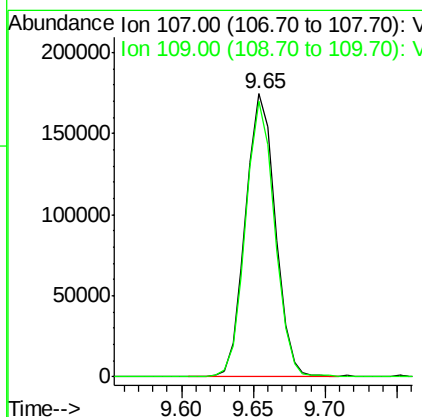
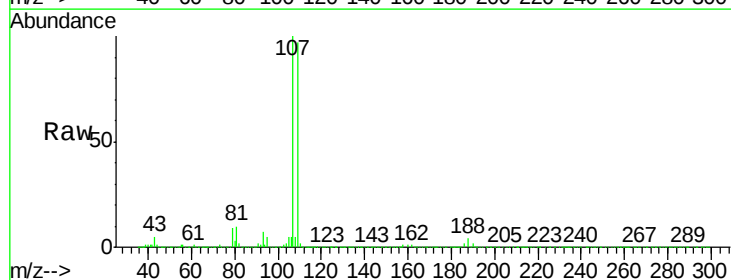
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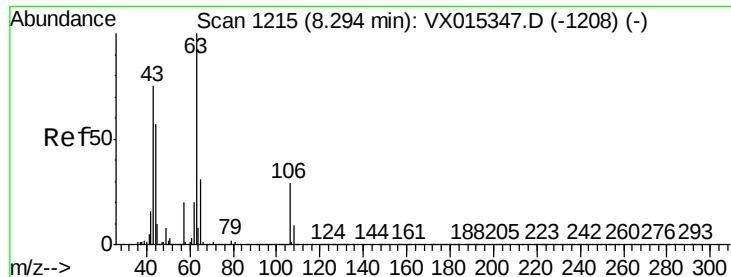
MMDadoda
4/8/2020 11:12:11 AM



#54
1,2-Dibromoethane
Concen: 19.369 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.9	75.0	112.6





#55

2-Chloroethyl vinyl ether

Concen: 98.360 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

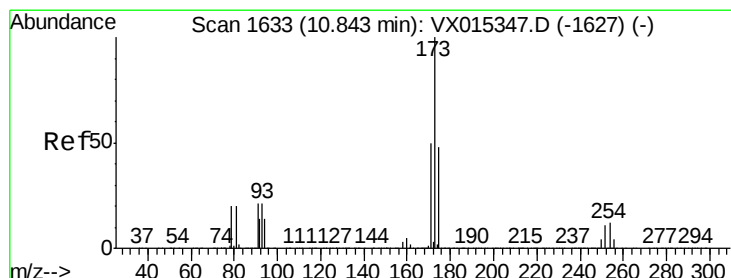
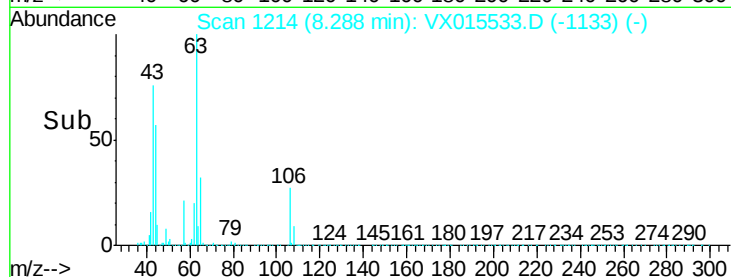
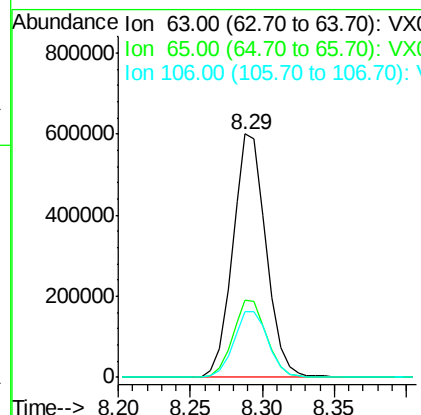
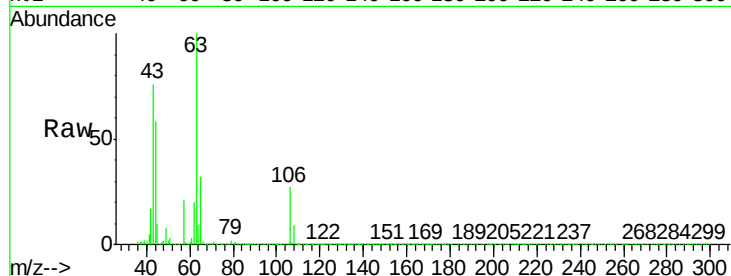
ClientSampleId :

VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
65	31.9	25.5	38.3	
106	28.2	23.1	34.7	

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#56

Bromoform

Concen: 17.910 ug/l

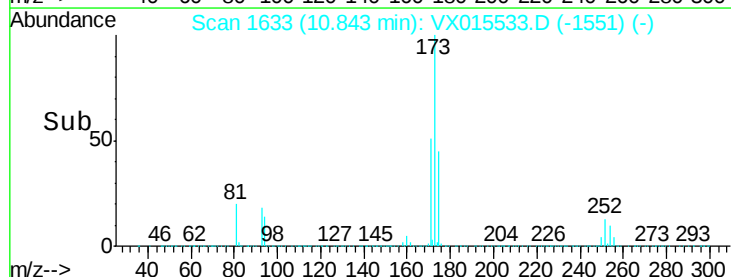
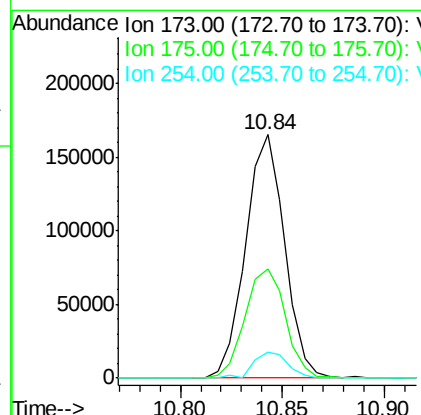
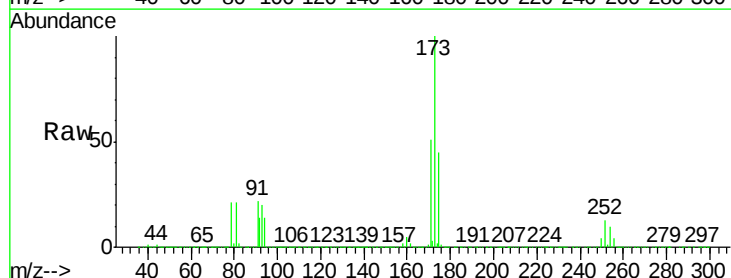
RT: 10.84 min Scan# 1633

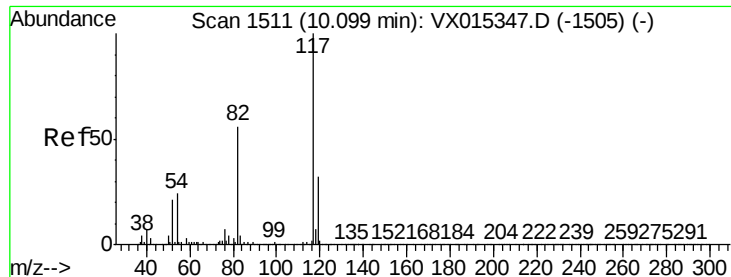
Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
173	100			
175	46.8	39.0	58.4	
254	9.1	9.4	14.2#	





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

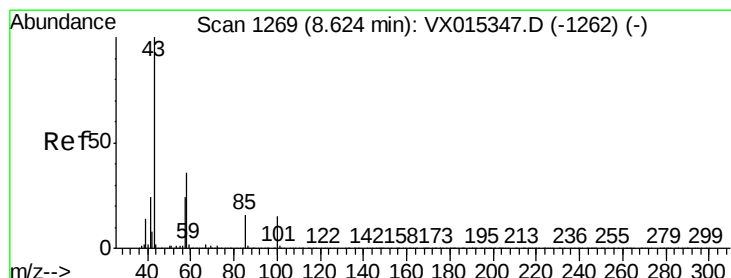
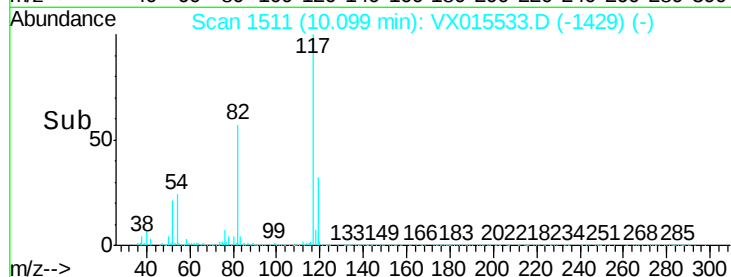
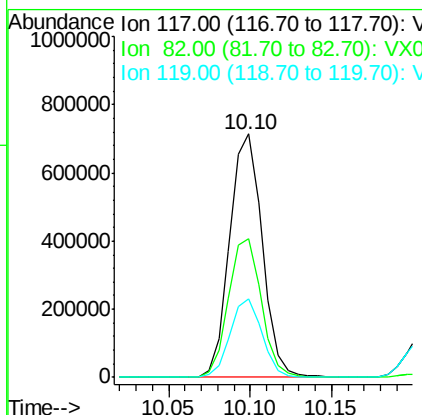
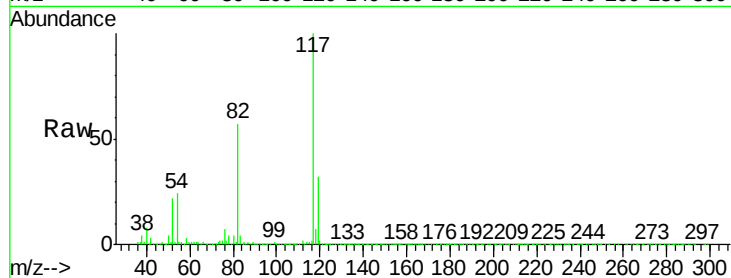
ClientSampleId :

VX0407WBS01

Tot Ion:	117	Resp:	994770
Ion Ratio	Lower	Upper	
117	100		
82	57.6	45.0	67.6
119	31.6	25.5	38.3

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#58

4-Methyl-2-Pentanone

Concen: 98.329 ug/l

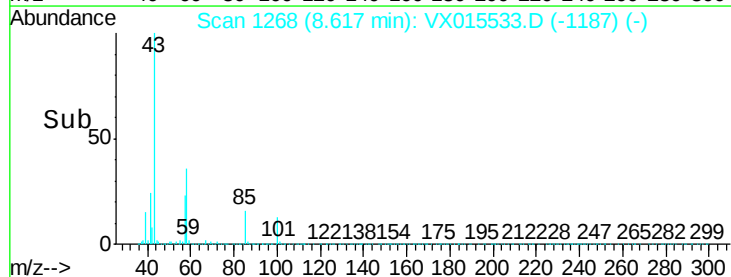
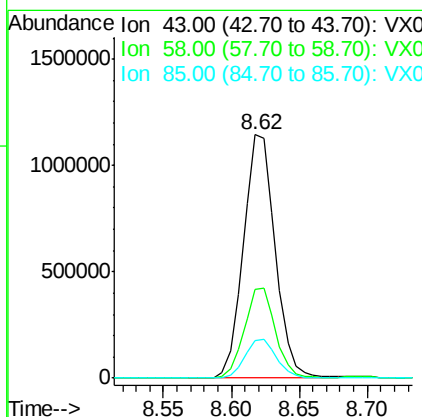
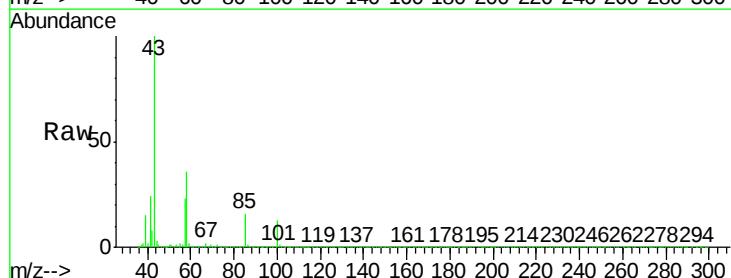
RT: 8.62 min Scan# 1268

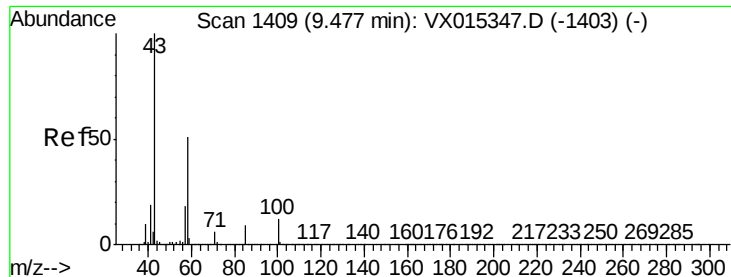
Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	43	Resp:	1872053
Ion Ratio	Lower	Upper	
43	100		
58	36.3	29.4	44.0
85	15.9	13.0	19.4





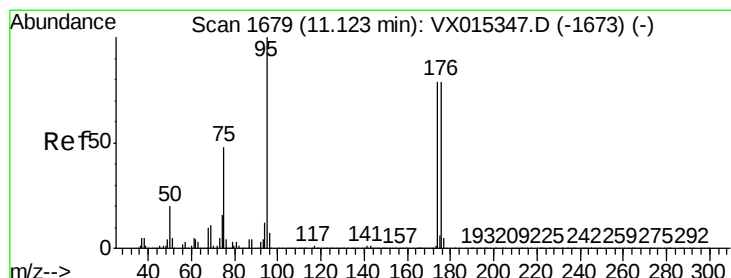
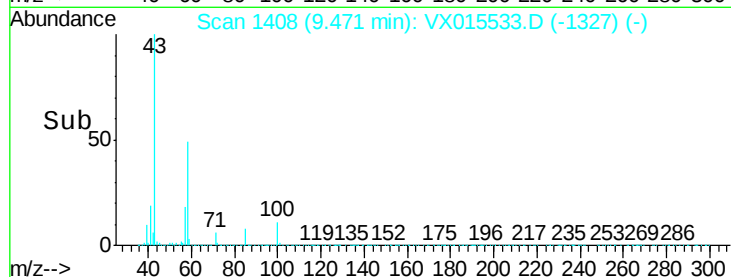
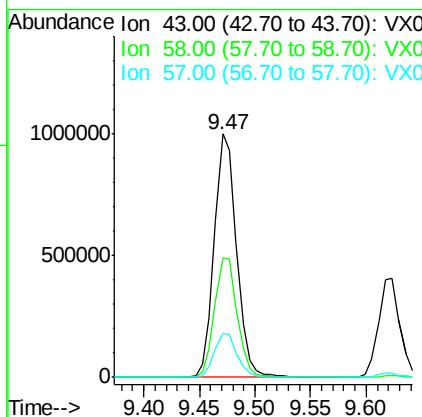
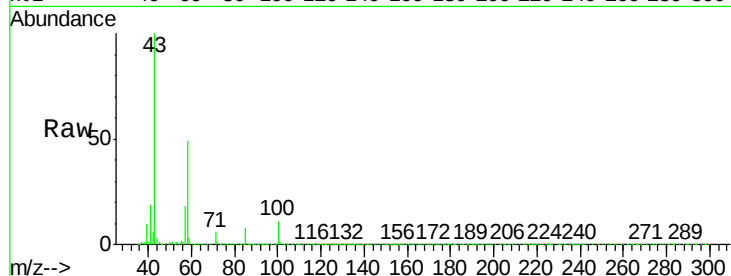
#59
2-Hexanone
Concen: 95.907 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0407WBS01

Tot Ion: 43 Resp: 1389110
Ion Ratio Lower Upper
43 100
58 50.3 40.2 60.4
57 18.4 14.6 22.0

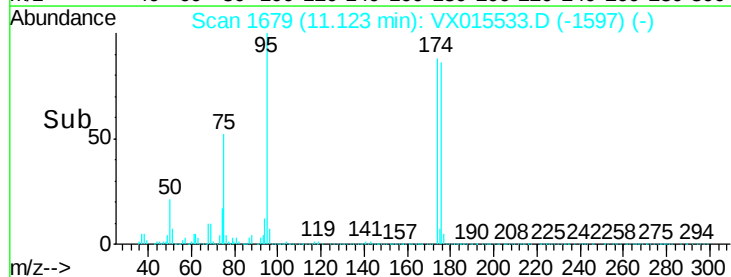
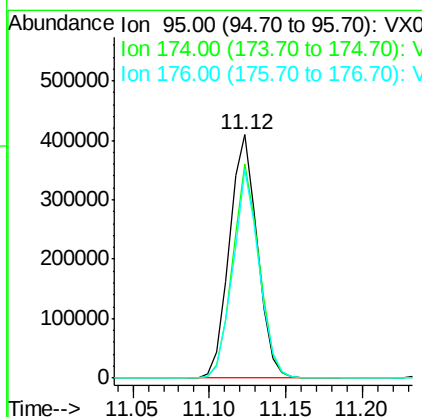
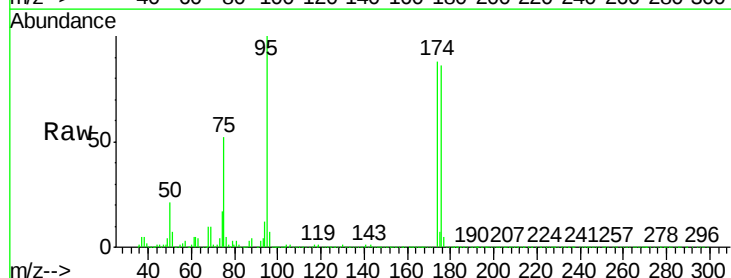
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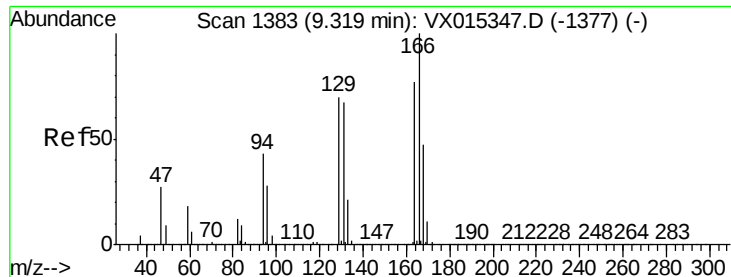
MMDadoda
4/8/2020 11:12:11 AM



#60
4-Bromofluorobenzene
Concen: 30.406 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion: 95 Resp: 517640
Ion Ratio Lower Upper
95 100
174 83.9 66.4 99.6
176 80.5 64.1 96.1





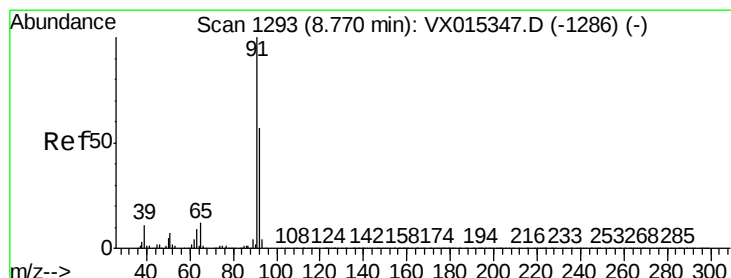
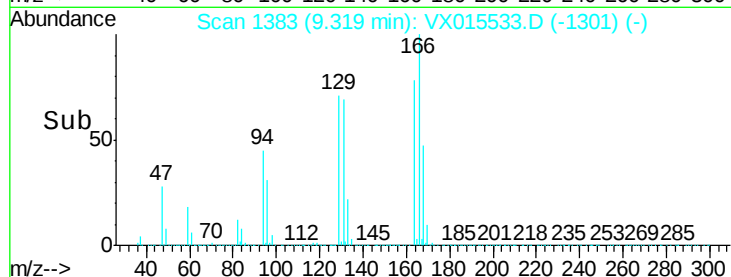
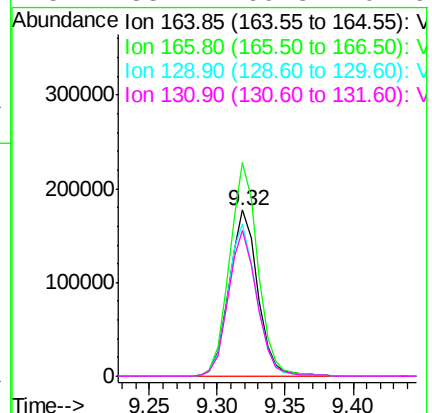
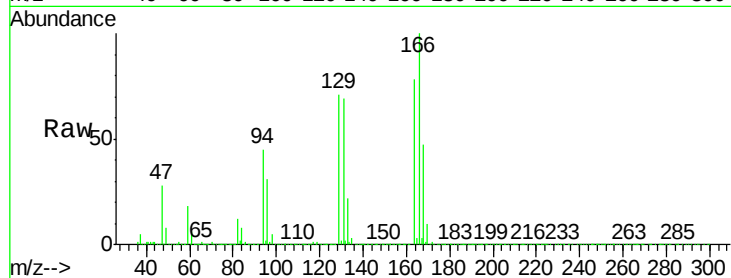
#61
Tetrachloroethene
Concen: 20.264 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	128.6	103.6	155.4
129	91.7	72.6	108.8
131	88.2	69.8	104.6

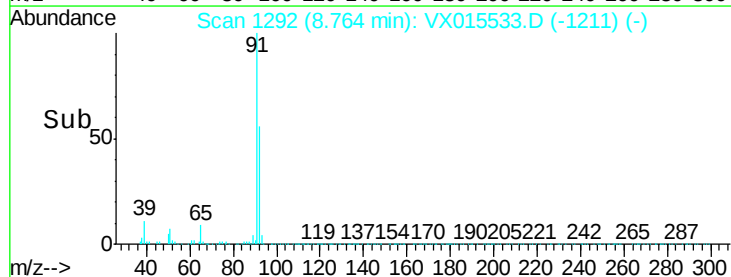
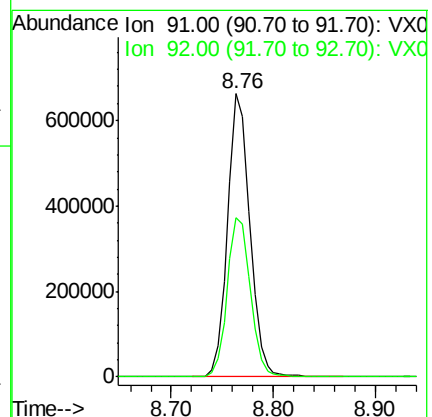
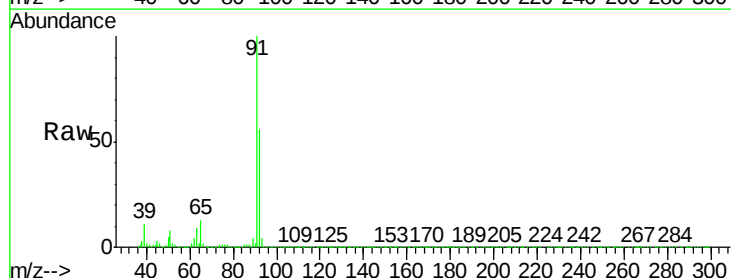
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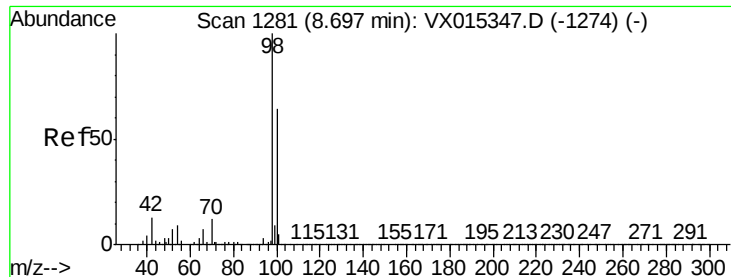
MMDadoda
4/8/2020 11:12:11 AM



#62
Toluene
Concen: 20.025 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.5	46.7	70.1





#63

Toluene-d8

Concen: 30.013 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBS01

Tot Ion: 98 Resp: 1268478

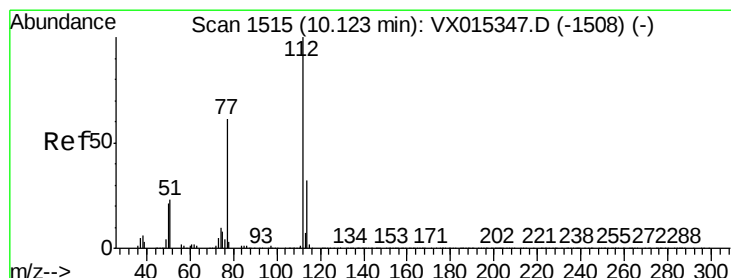
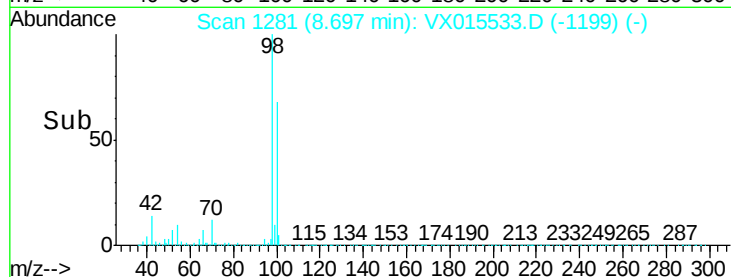
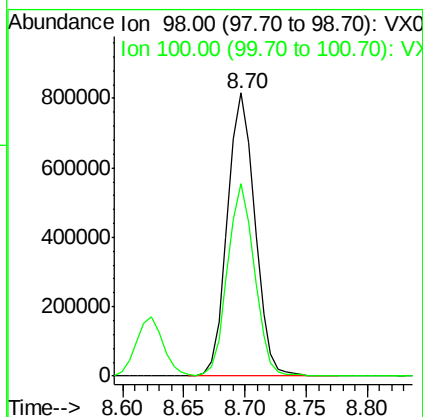
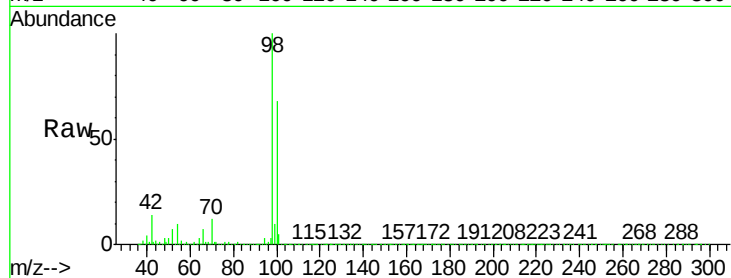
Ion Ratio Lower Upper

98 100

100 66.5 52.2 78.2

Manual Integrations
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#64

Chlorobenzene

Concen: 19.876 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015533.D

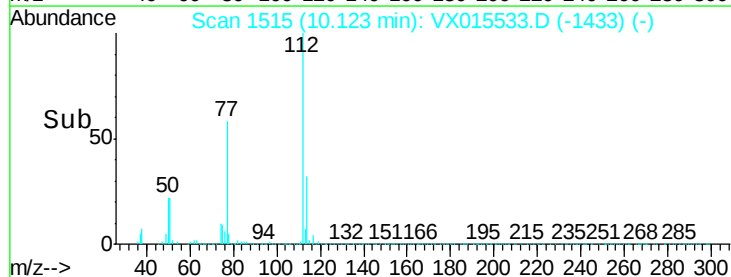
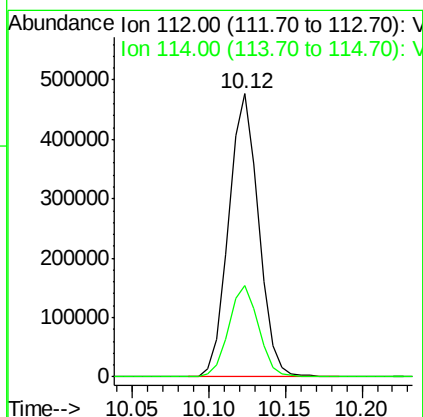
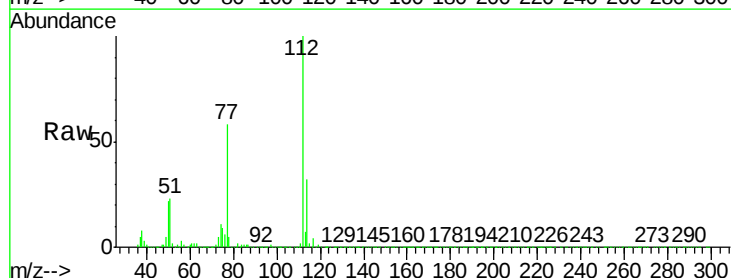
Acq: 07 Apr 2020 13:05

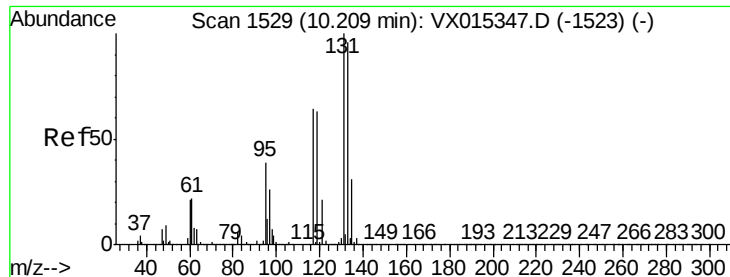
Tgt Ion: 112 Resp: 643872

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.534 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

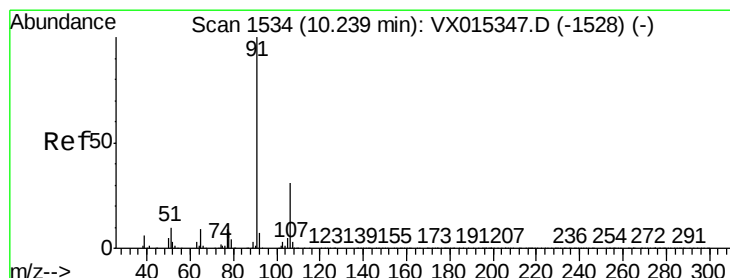
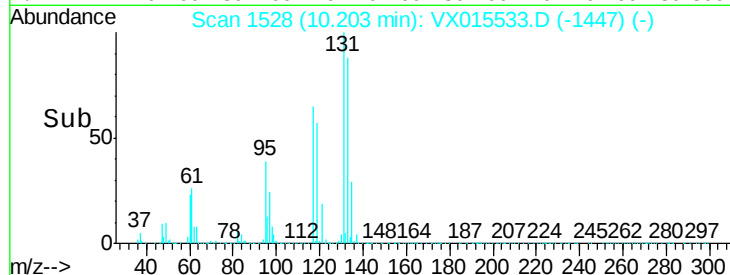
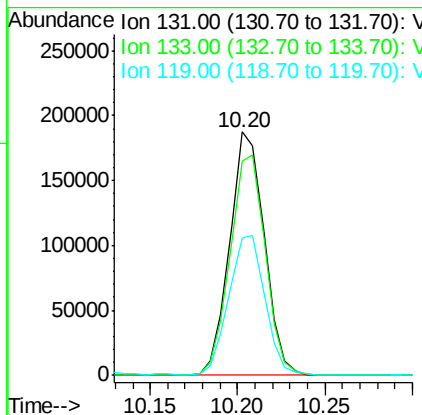
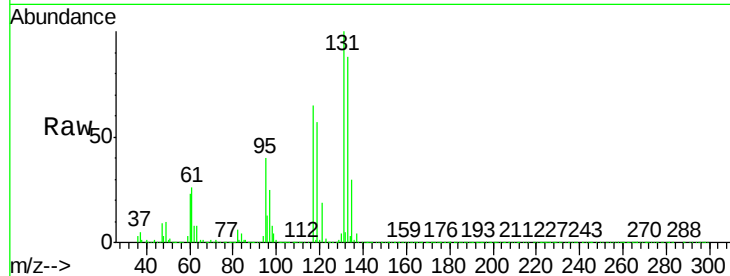
ClientSampled :

VX0407WBS01

Tot Ion:	131	Resp:	258590
Ion Ratio	Lower	Upper	
131	100		
133	92.2	0.0	193.6
119	59.7	0.0	128.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.202 ug/l

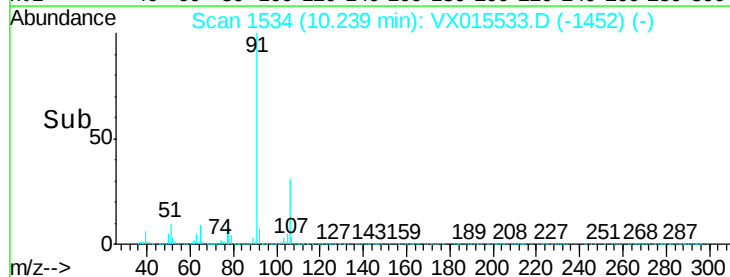
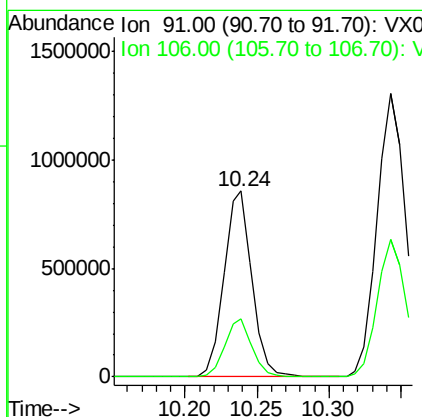
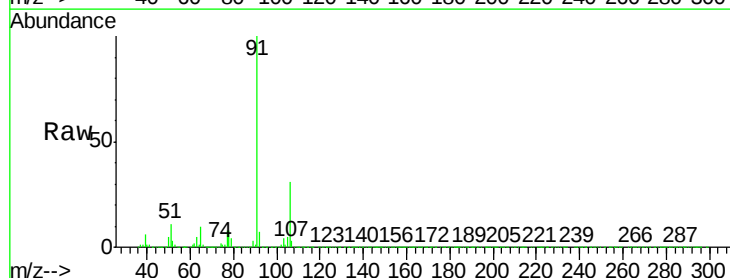
RT: 10.24 min Scan# 1534

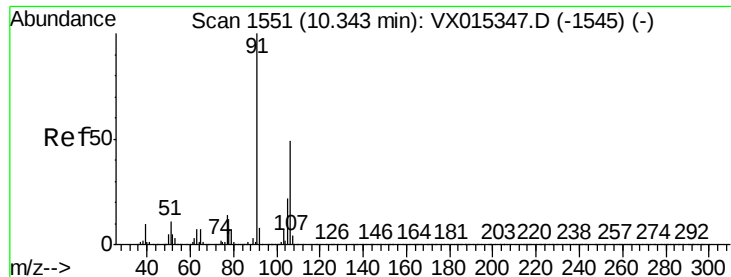
Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	91	Resp:	1162844
Ion Ratio	Lower	Upper	
91	100		
106	31.1	25.0	37.6





#67

m/p-Xvlenes

Concen: 39.733 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0407WBS01

Tot Ion:106 Resp: 865625

Ion Ratio Lower Upper

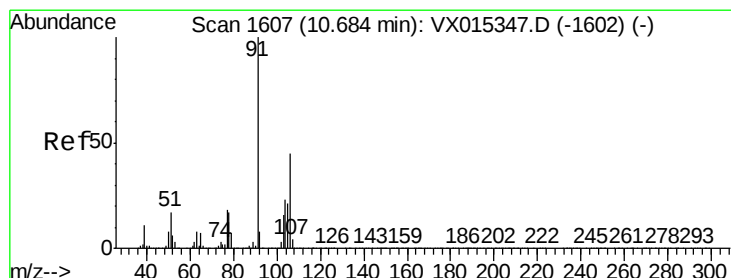
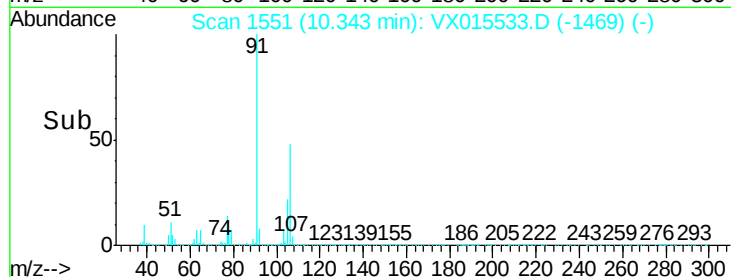
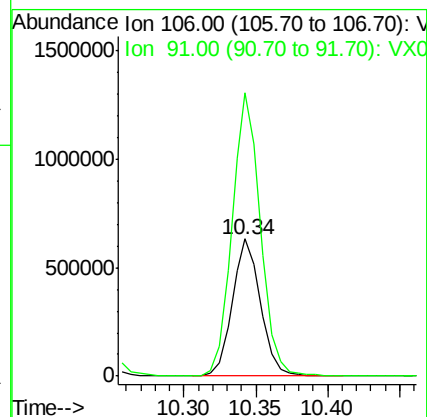
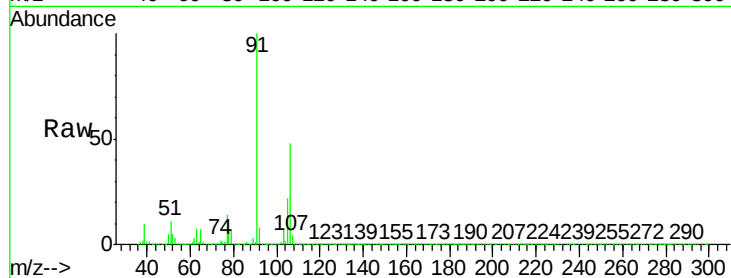
106 100

91 207.0 165.0 247.4

Manual Integrations
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#68

o-Xylene

Concen: 19.862 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015533.D

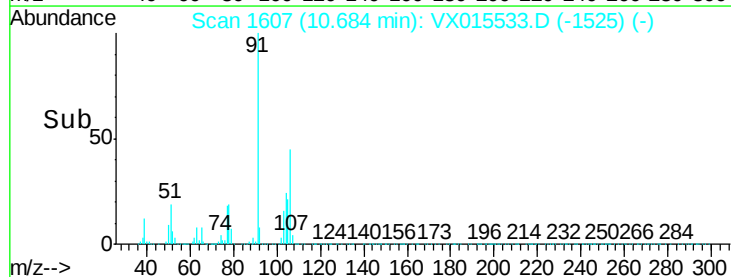
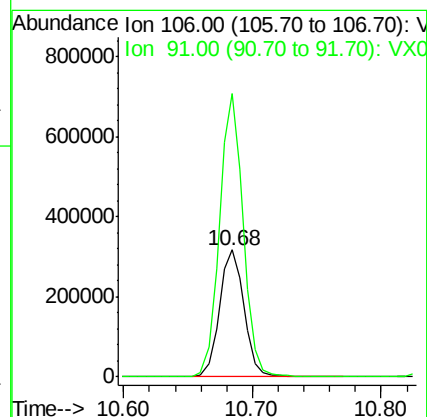
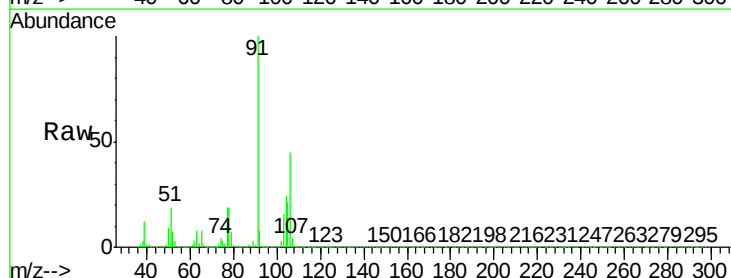
Acq: 07 Apr 2020 13:05

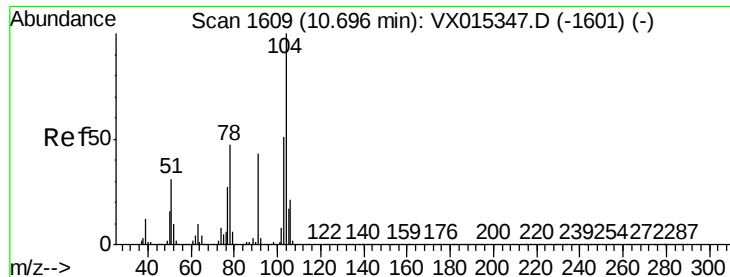
Tgt Ion:106 Resp: 422952

Ion Ratio Lower Upper

106 100

91 215.3 109.1 327.2





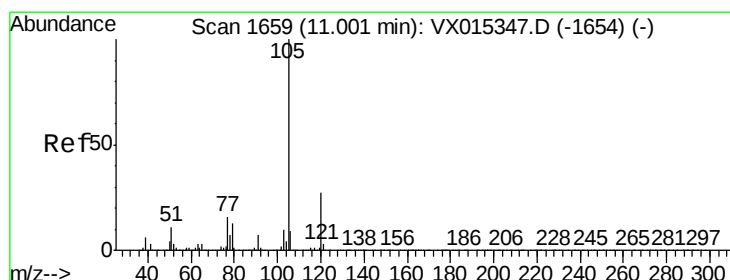
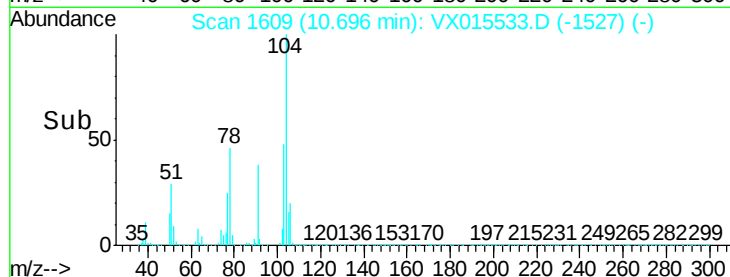
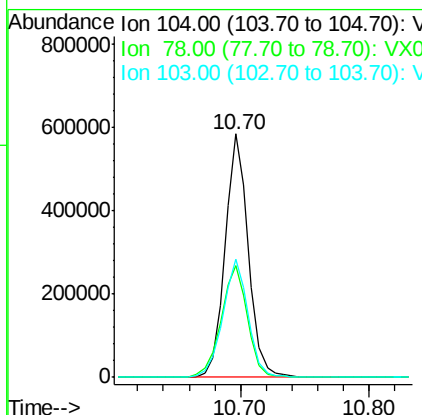
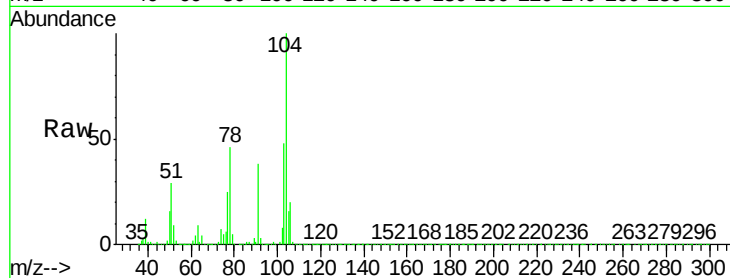
#69
Stvrene
Concen: 19.950 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	740178		
78	52.1		41.5	62.3
103	52.9		43.4	65.2

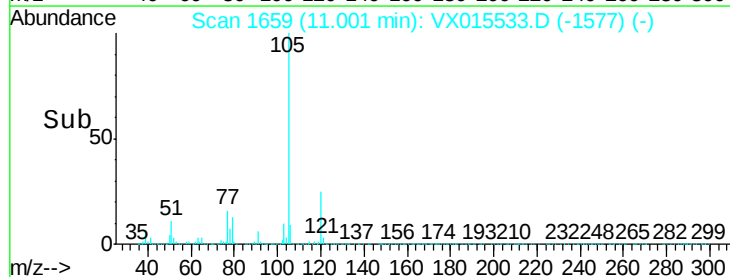
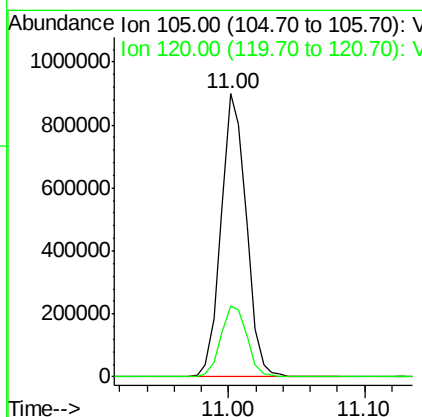
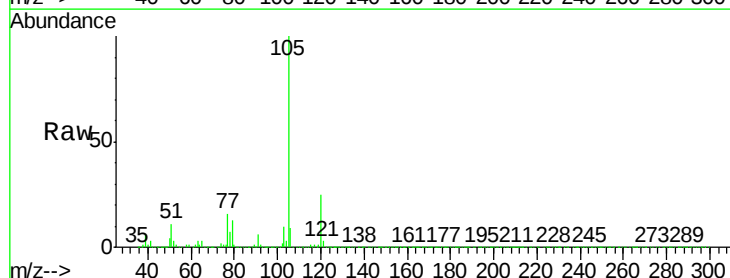
Manual Integrations
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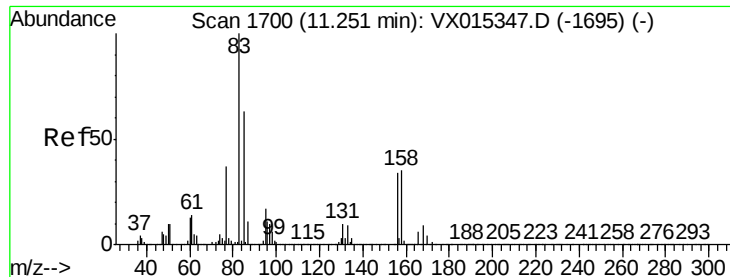
MMDadoda
4/8/2020 11:12:11 AM



#70
Isopropylbenzene
Concen: 20.420 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1152765		
120	26.0		18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.166 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

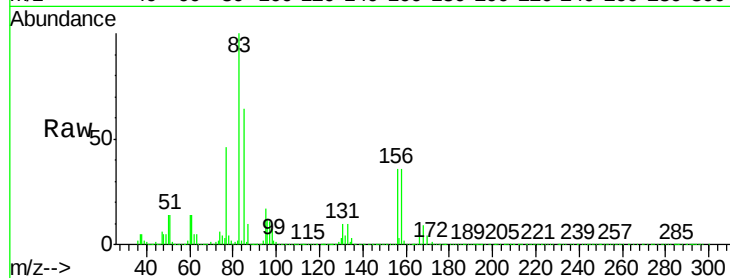
ClientSampleId :

VX0407WBS01

Tot Ion:	83	Resp:	350681
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	15.9
85	64.5	32.0	96.2

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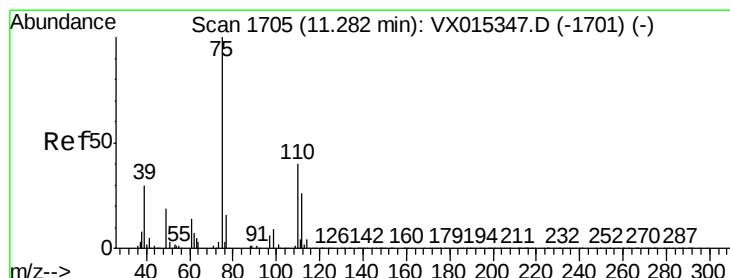
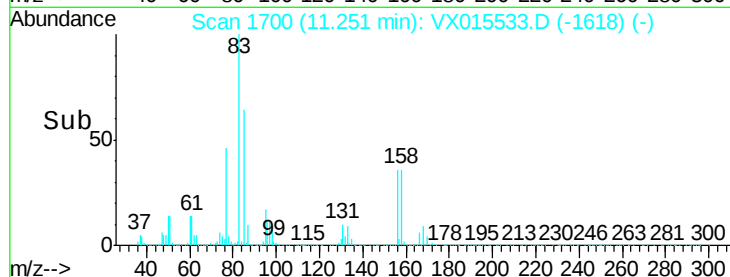
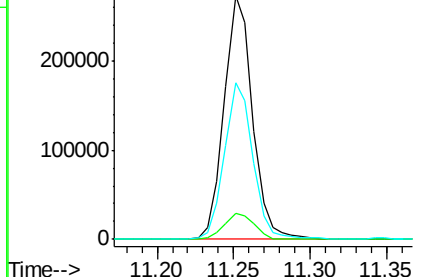
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 19.580 ug/l m

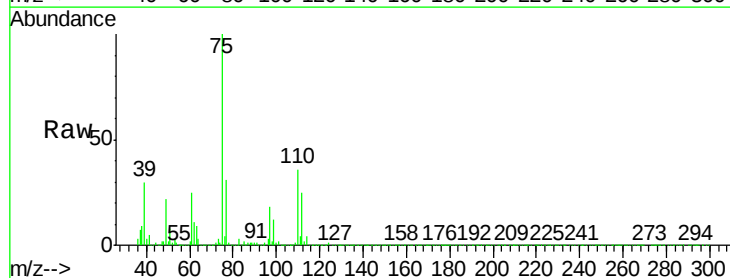
RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015533.D

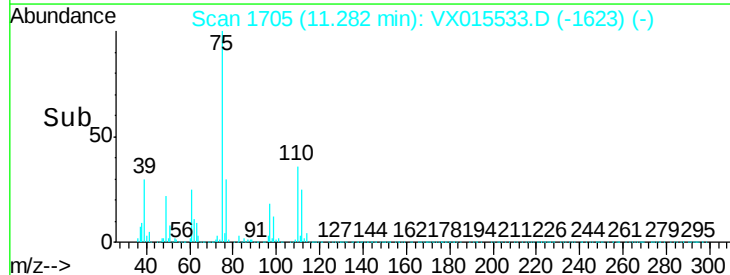
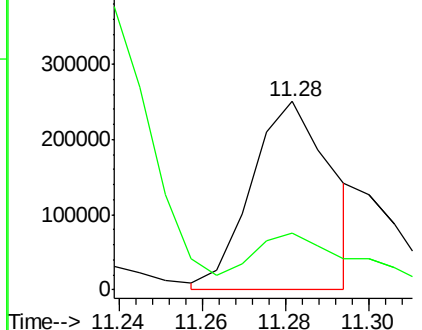
Acq: 07 Apr 2020 13:05

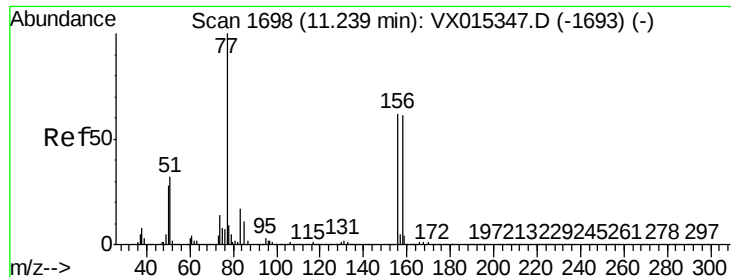
Tgt Ion:	75	Resp:	335212
Ion Ratio	Lower	Upper	
75	100		
77	40.1	0.0	80.0



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.454 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

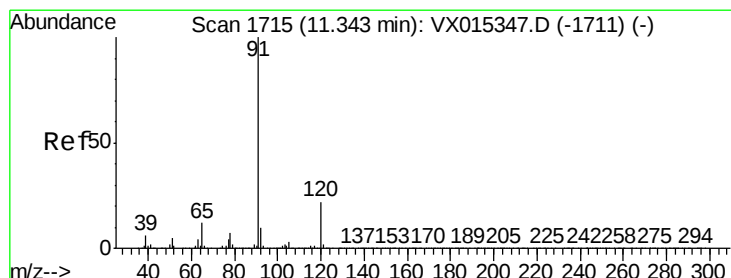
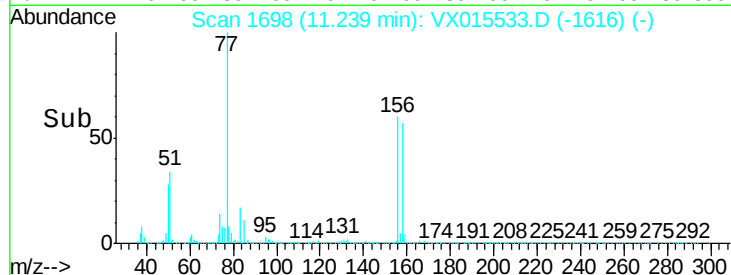
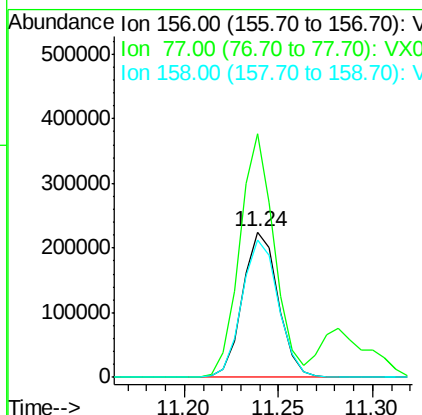
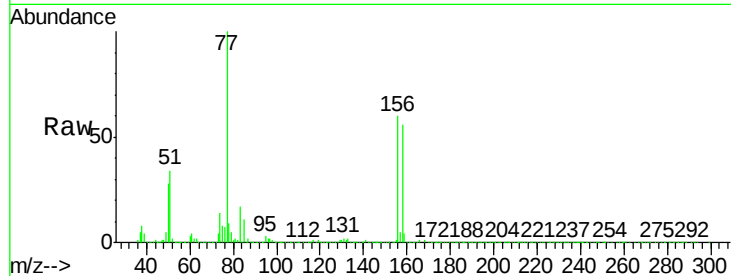
ClientSampled :

VX0407WBS01

Tot Ion:	156	Resp:	294806
Ion Ratio	Lower	Upper	
156	100		
77	162.3	0.0	324.4
158	96.8	0.0	200.0

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#74

n-propylbenzene

Concen: 20.599 ug/l

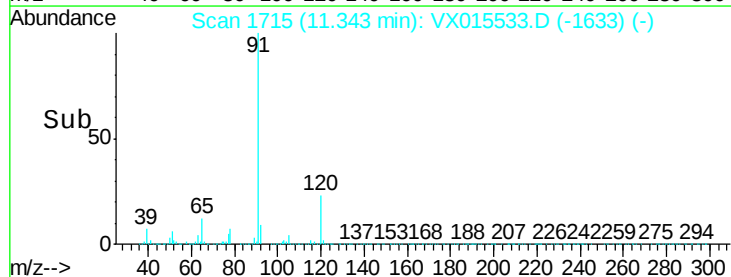
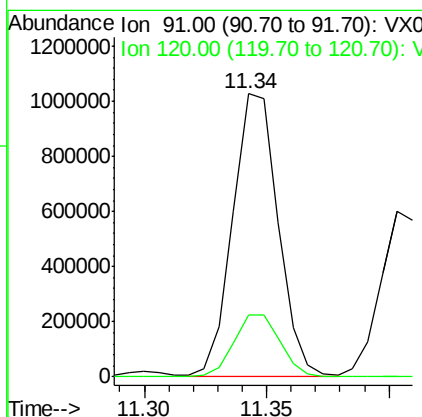
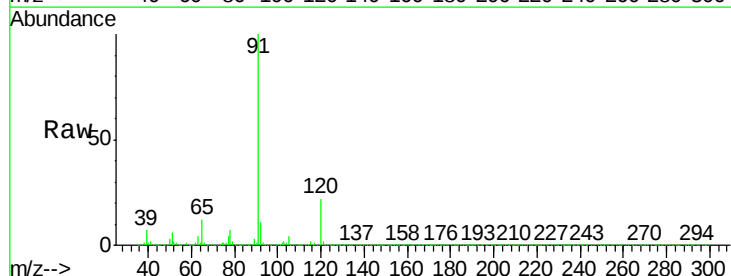
RT: 11.34 min Scan# 1715

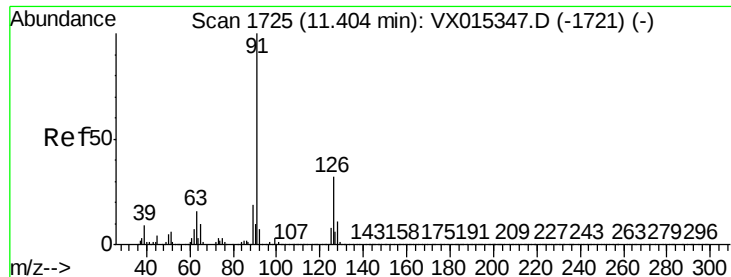
Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	91	Resp:	1333835
Ion Ratio	Lower	Upper	
91	100		
120	22.3	0.0	46.2





#75

2-Chlorotoluene

Concen: 20.152 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0407WBS01

Tot Ion: 91 Resp: 793643

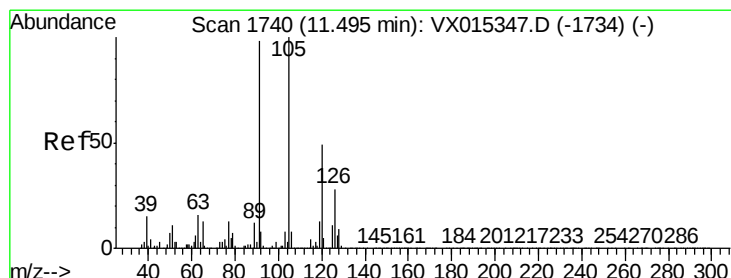
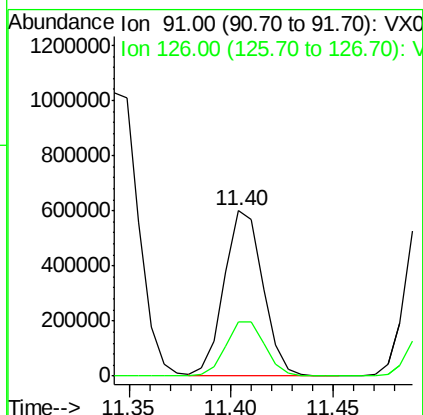
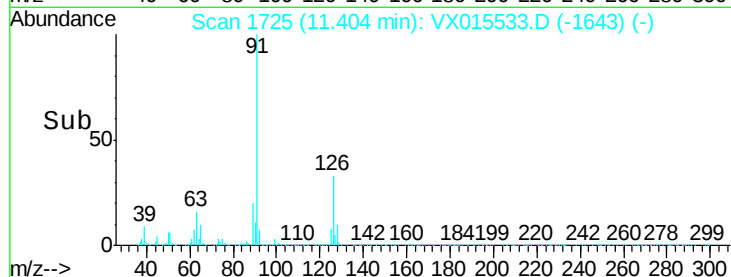
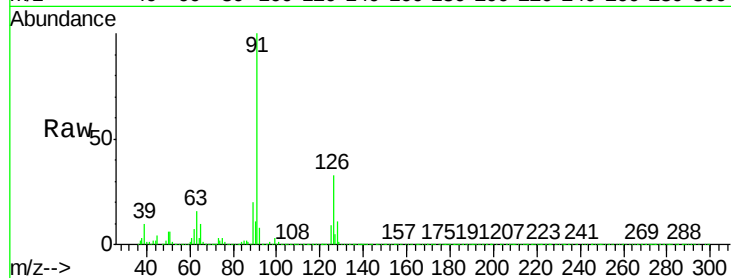
Ion Ratio Lower Upper

91 100

126 33.2 0.0 65.2

Manual Integrations
APPROVED

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4/8/2020 11:12:11 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.793 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015533.D

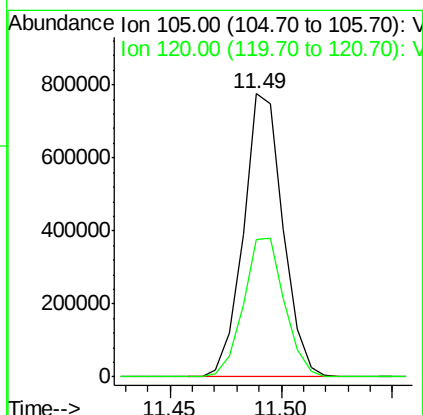
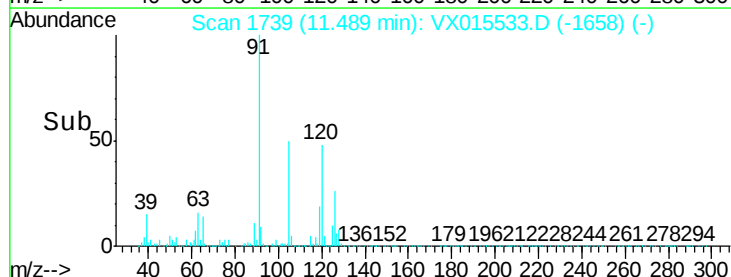
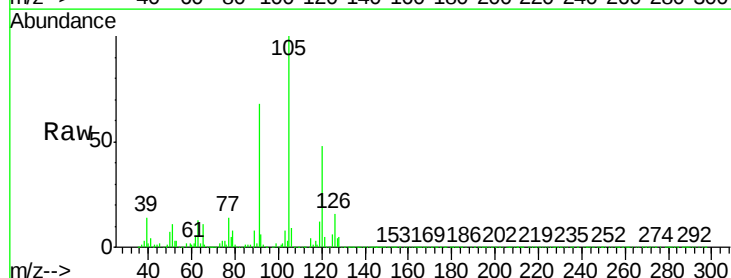
Acq: 07 Apr 2020 13:05

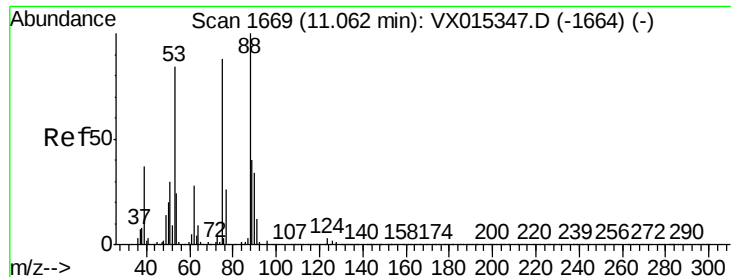
Tgt Ion: 105 Resp: 959554

Ion Ratio Lower Upper

105 100

120 50.6 0.0 98.0





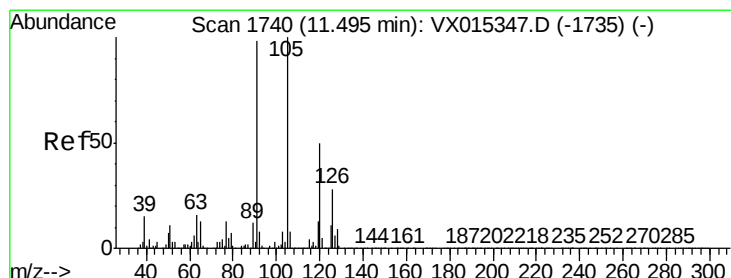
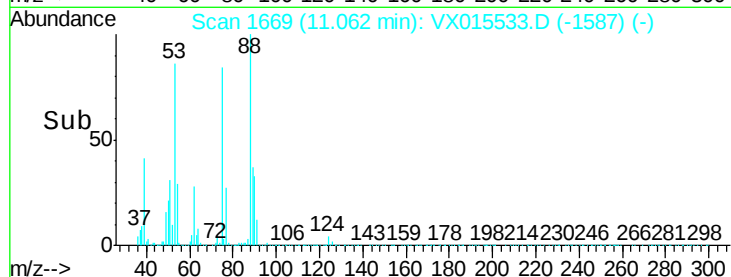
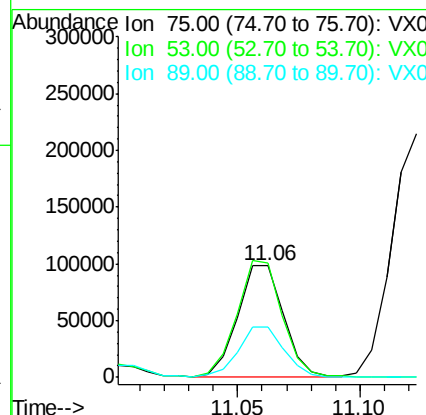
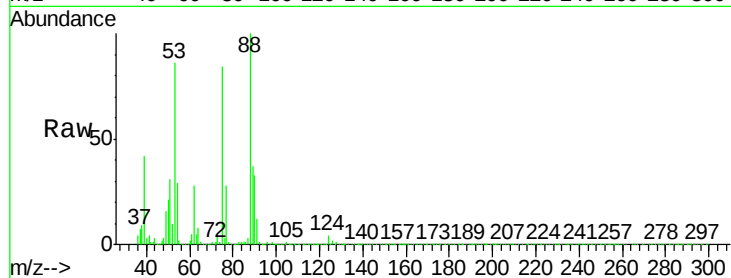
#77
t-1,4-Dichloro-2-butene
Concen: 17.407 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.1	47.5	142.6
89	44.4	22.8	68.3

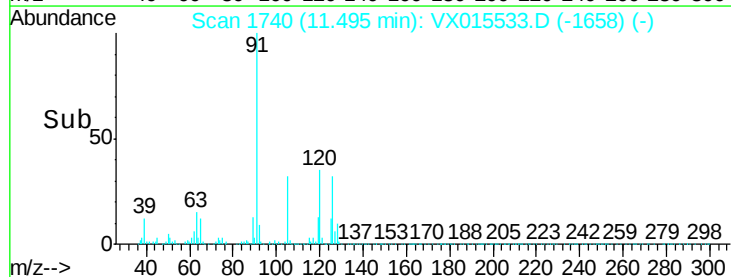
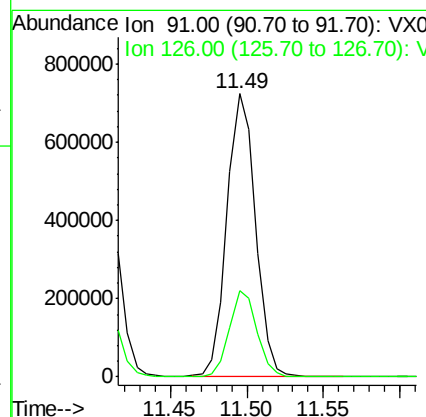
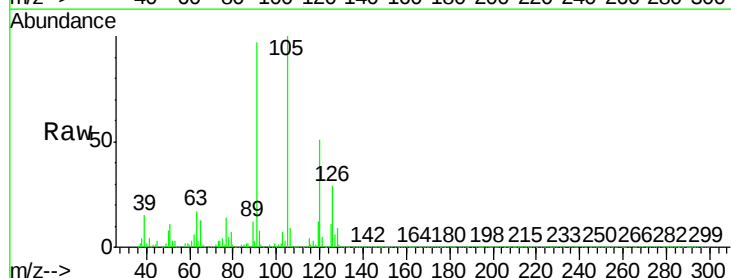
Manual Integrations
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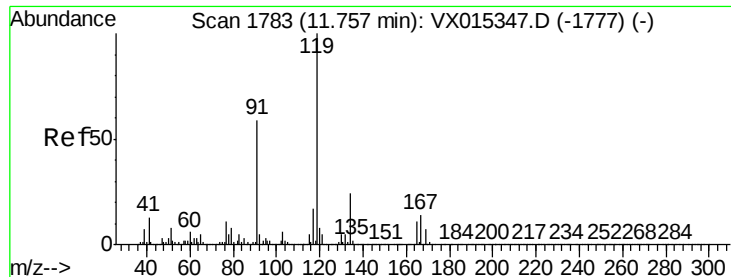
MMDadoda
4/8/2020 11:12:11 AM



#78
4-Chlorotoluene
Concen: 20.581 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	0.0	57.8





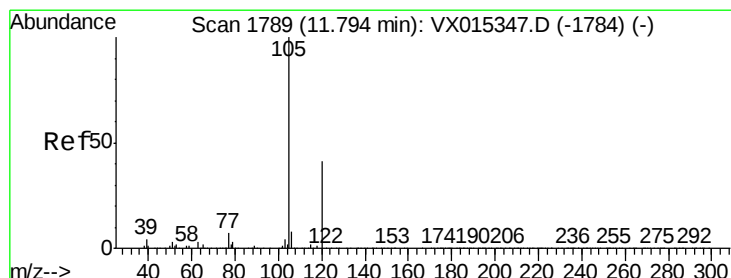
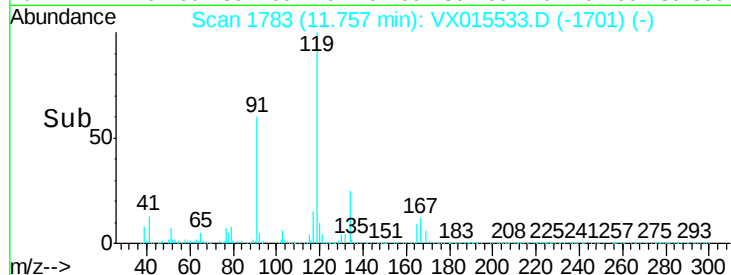
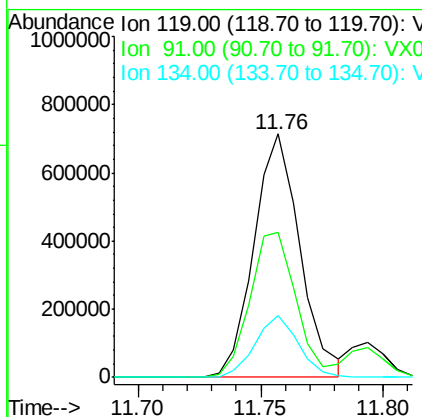
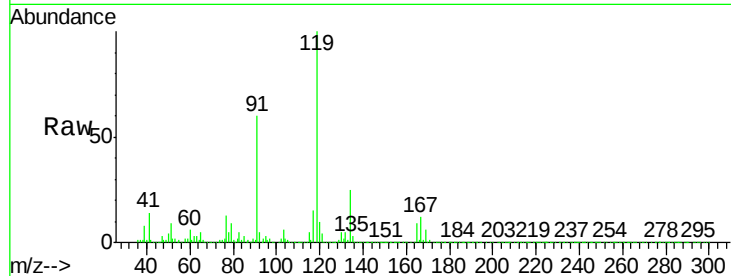
#79
tert-butylbenzene
Concen: 19.389 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	939443		
91	59.2	0.0	115.8	
134	23.7	0.0	47.0	

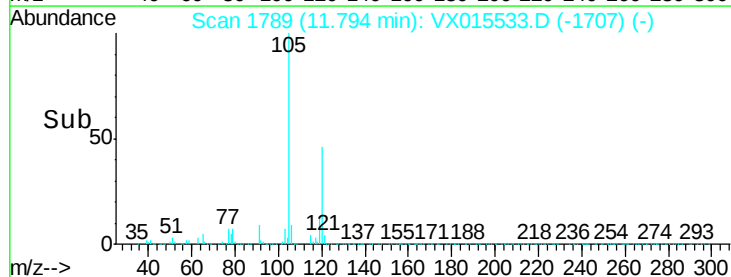
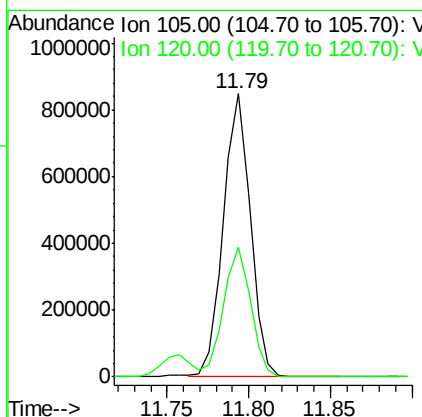
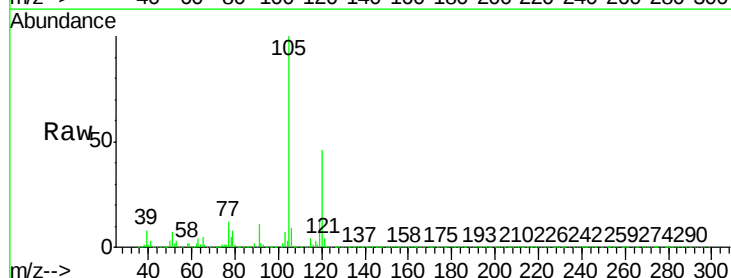
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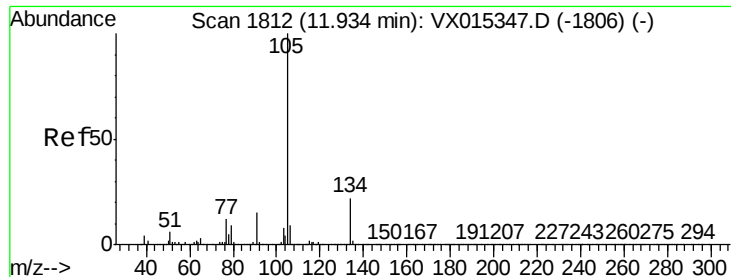
MMDadoda
4/8/2020 11:12:11 AM



#80
1,2,4-Trimethylbenzene
Concen: 19.937 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	979095		
120	46.0	0.0	91.0	





#81

sec-Butylbenzene

Concen: 20.145 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

ClientSampled :

VX0407WBS01

Tot Ion:105 Resp: 1119674

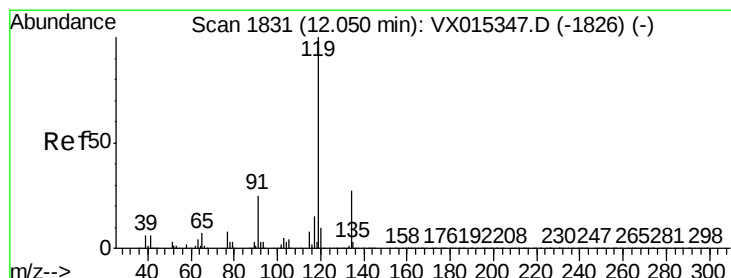
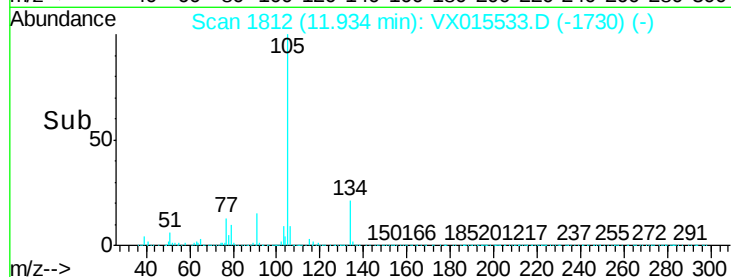
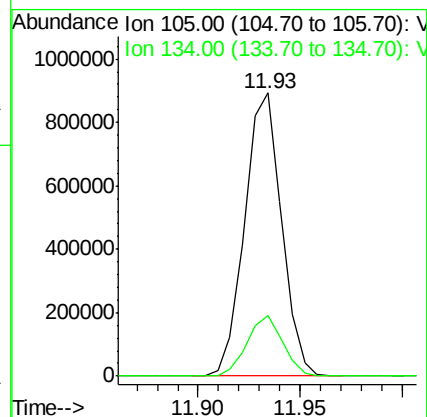
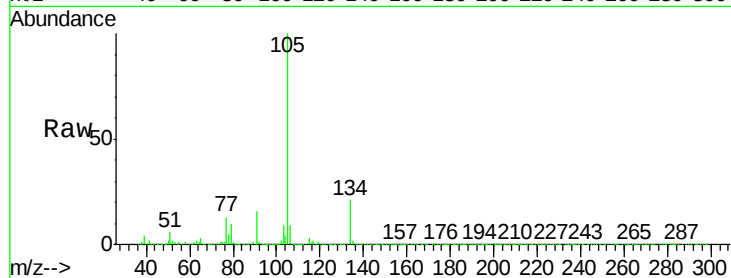
Ion Ratio Lower Upper

105 100

134 20.7 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 20.264 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

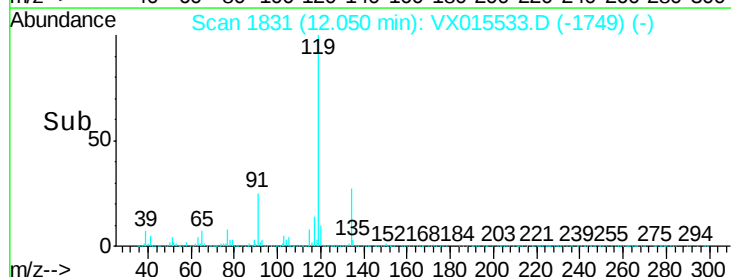
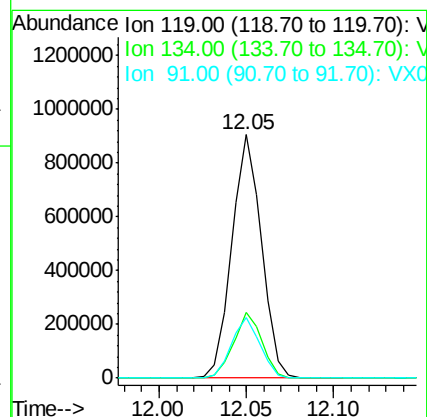
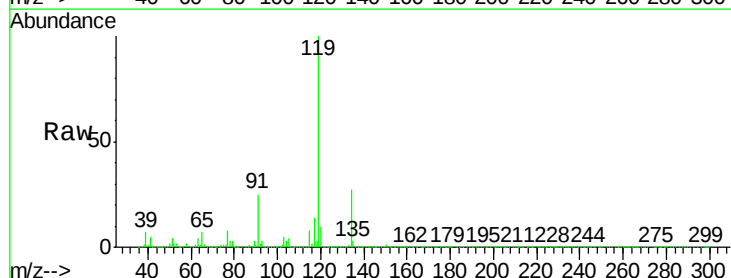
Tgt Ion:119 Resp: 1061523

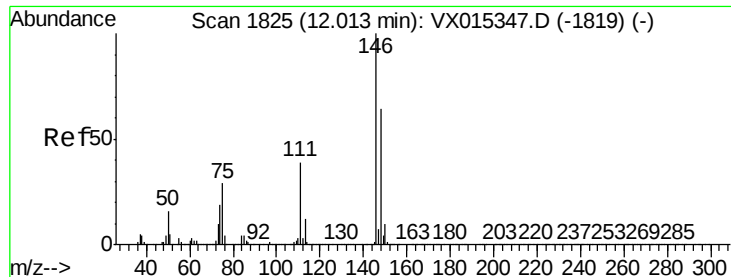
Ion Ratio Lower Upper

119 100

134 25.8 0.0 53.2

91 24.2 0.0 48.2





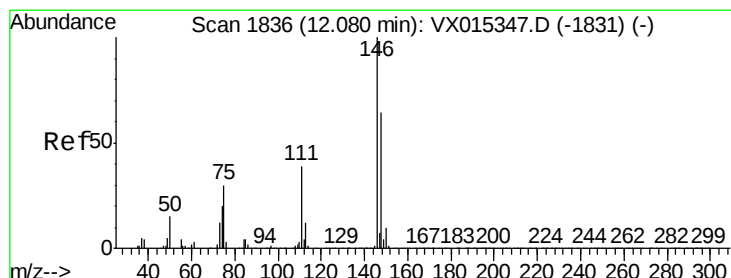
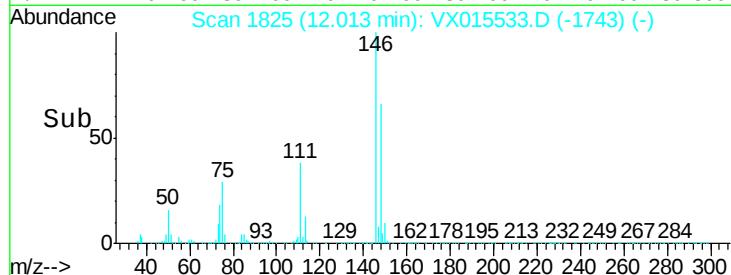
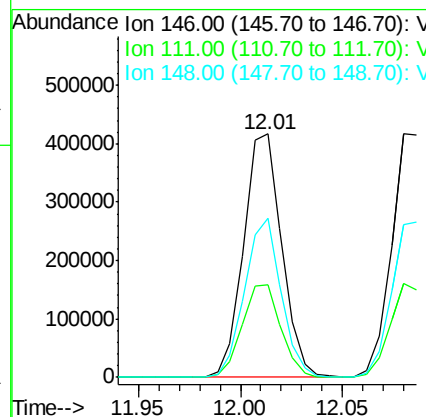
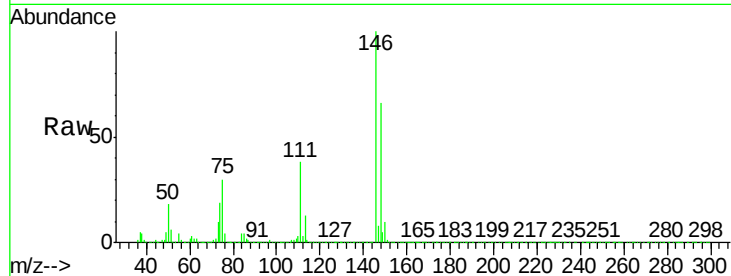
#83
 1,3-Dichlorobenzene
 Concen: 19.838 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.1	60.2
148	62.6	31.4	94.2

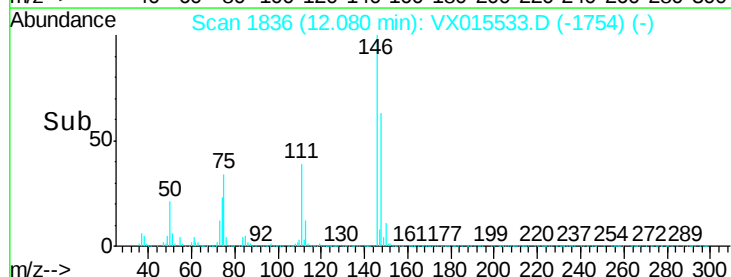
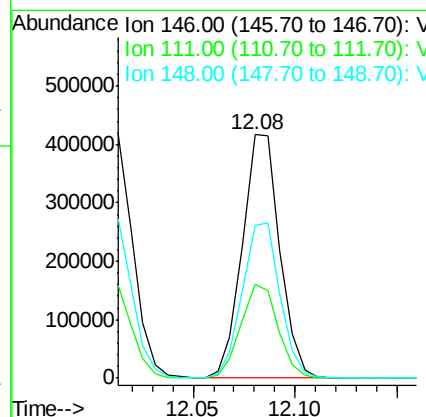
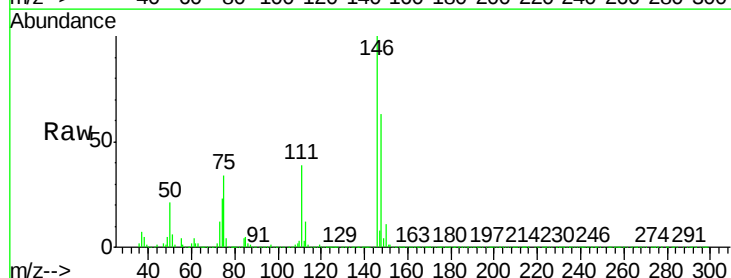
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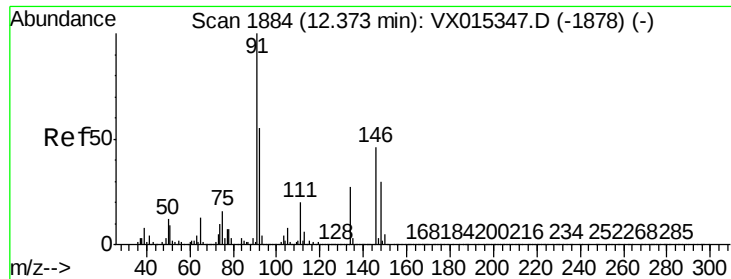
MMDadoda
 4/8/2020 11:12:11 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.456 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.7	18.9	56.9
148	64.8	31.4	94.3





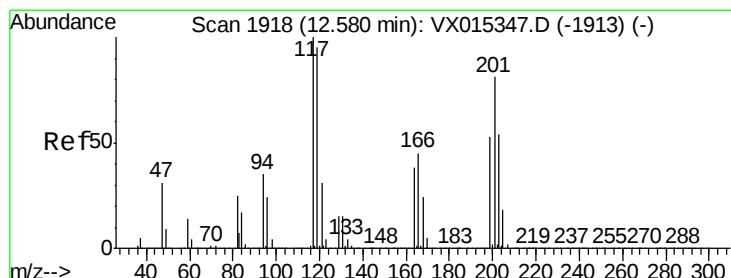
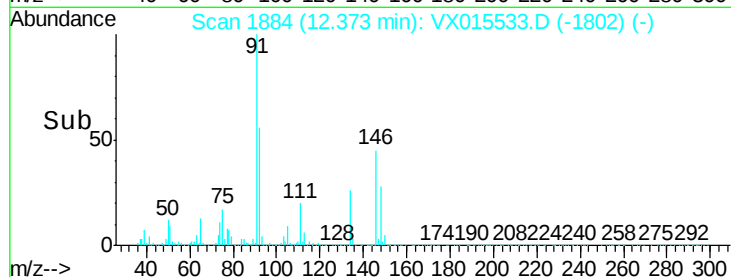
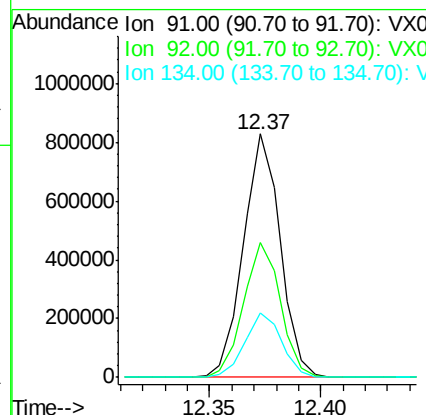
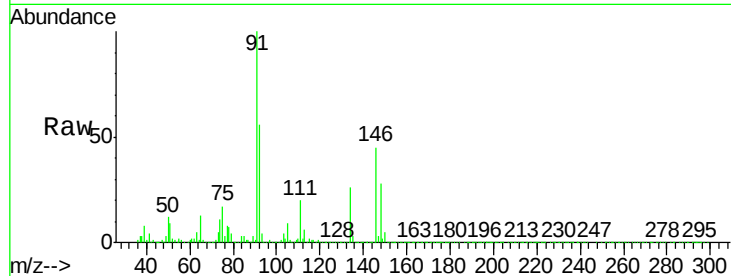
#85
n-Butylbenzene
Concen: 20.483 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampled :
VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	956424		
92	55.6	0.0	109.0	
134	26.5	0.0	54.0	

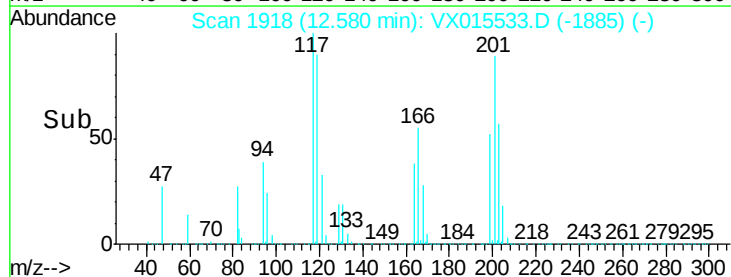
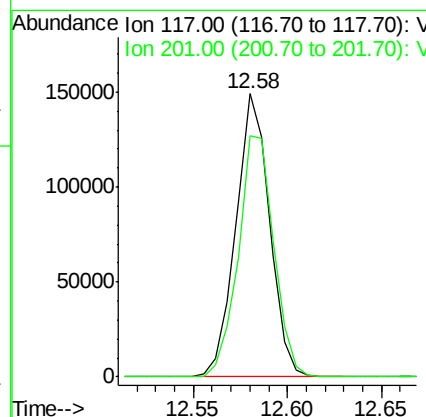
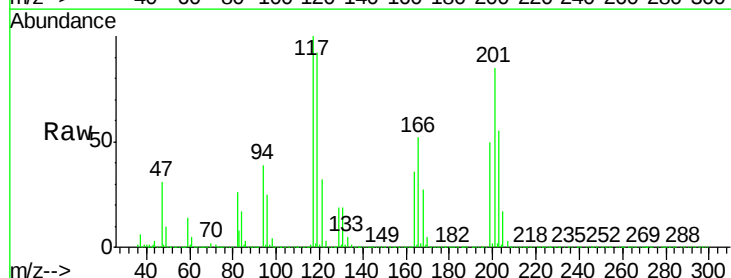
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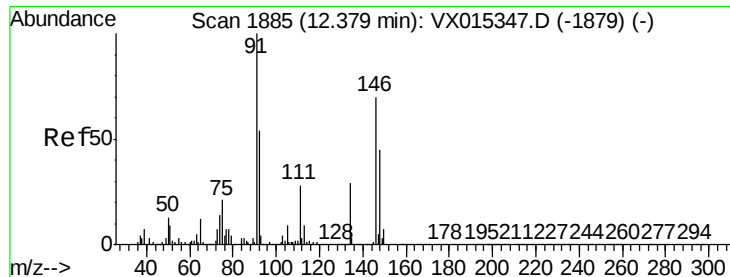
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#86
Hexachloroethane
Concen: 18.302 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	185308		
201	89.7	44.9	134.5	





#87

1,2-Dichlorobenzene

Concen: 19.234 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Instrument :

MSVOA_X

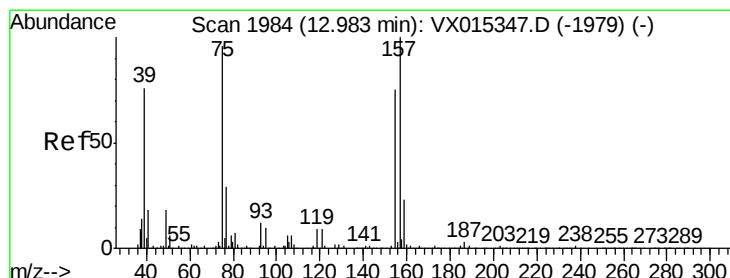
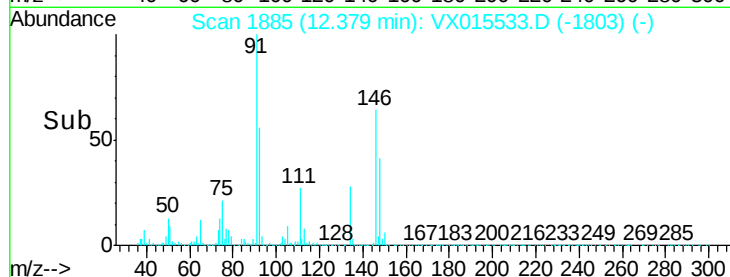
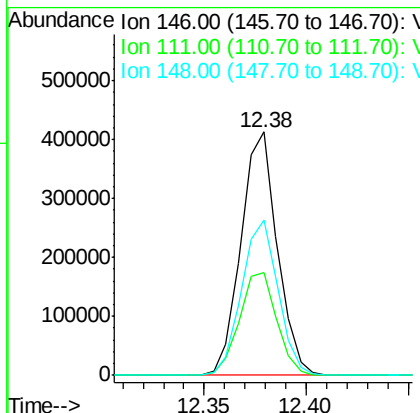
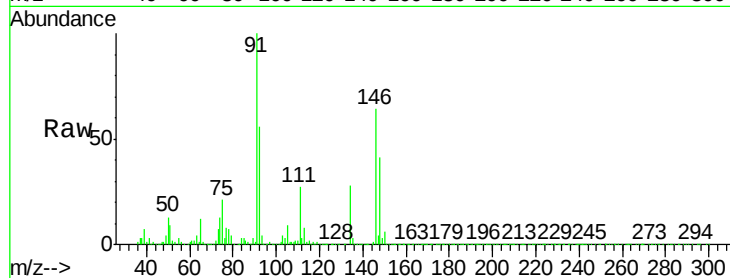
ClientSampled :

VX0407WBS01

Tot Ion:	146	Resp:	511326
Ion Ratio	Lower	Upper	
146	100		
111	43.2	20.4	61.2
148	64.2	31.9	95.9

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.122 ug/l

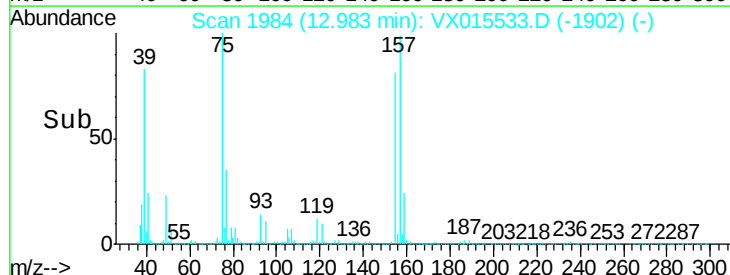
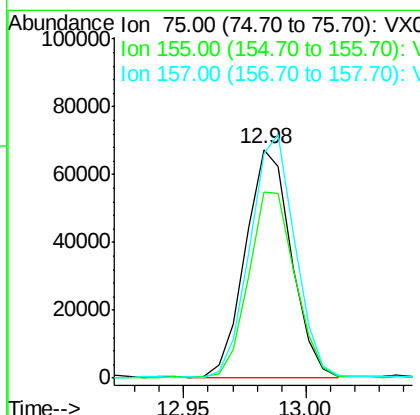
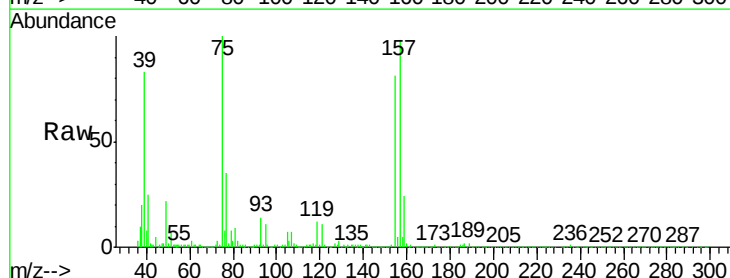
RT: 12.98 min Scan# 1984

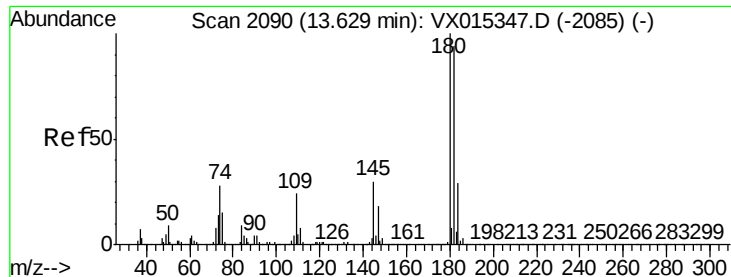
Delta R.T. 0.00 min

Lab File: VX015533.D

Acq: 07 Apr 2020 13:05

Tgt Ion:	75	Resp:	87337
Ion Ratio	Lower	Upper	
75	100		
155	82.1	67.7	101.5
157	105.1	88.5	132.7





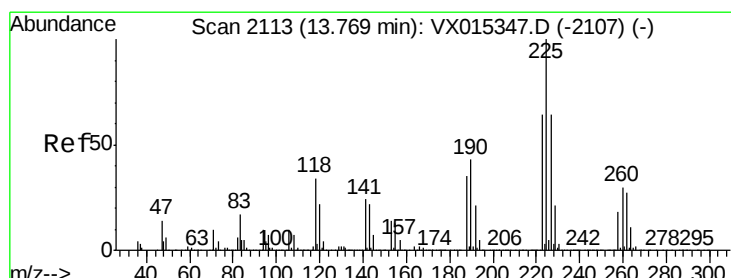
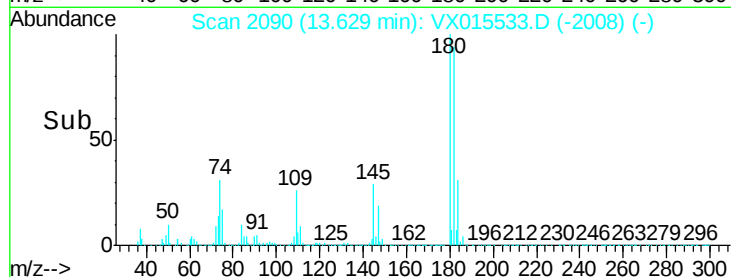
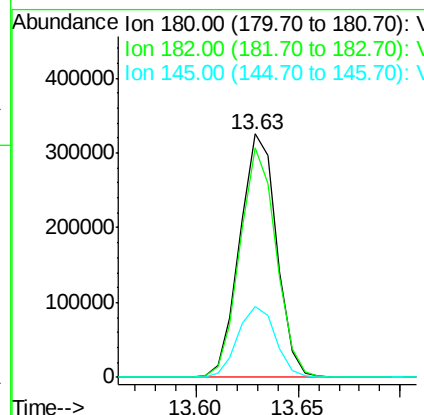
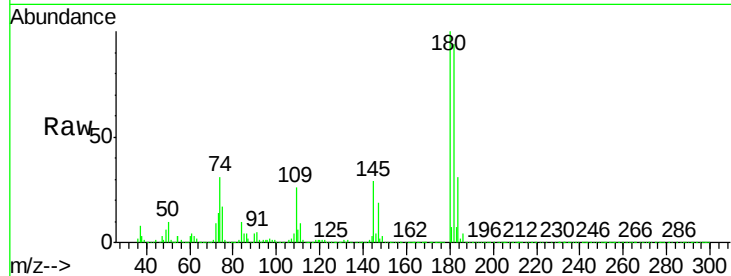
#89
 1,2,4-Trichlorobenzene
 Concen: 19.030 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	407537		
182	92.8	76.9	115.3	
145	29.6	24.3	36.5	

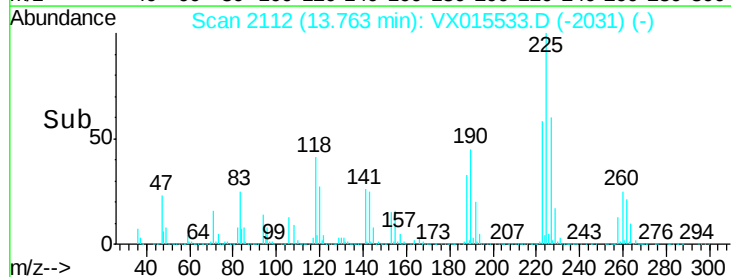
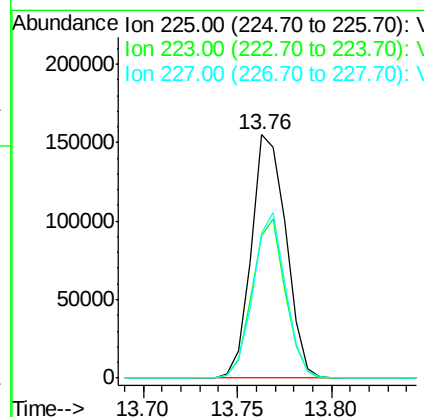
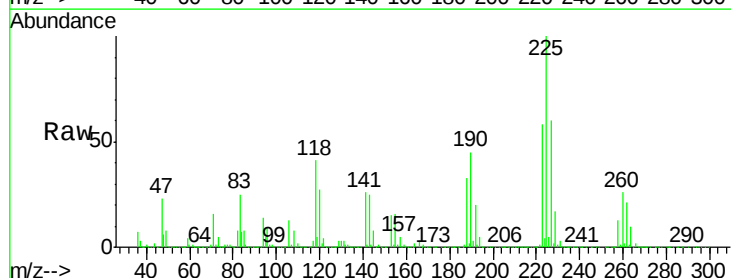
Manual Integrations
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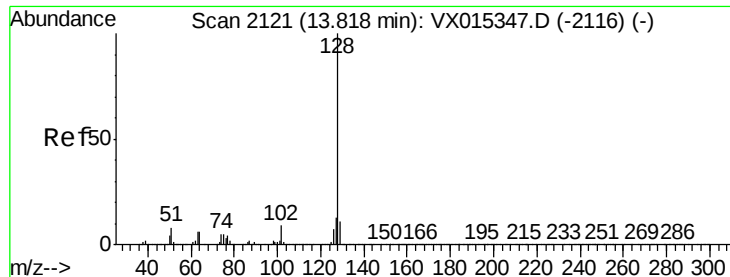
MMDadoda
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#90
 Hexachlorobutadiene
 Concen: 17.532 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015533.D
 Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	197788		
223	62.2	0.0	127.0	
227	63.7	0.0	126.8	





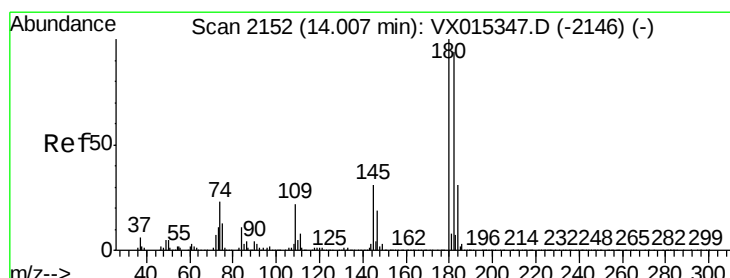
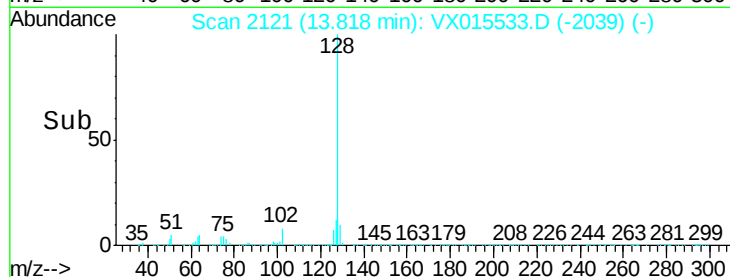
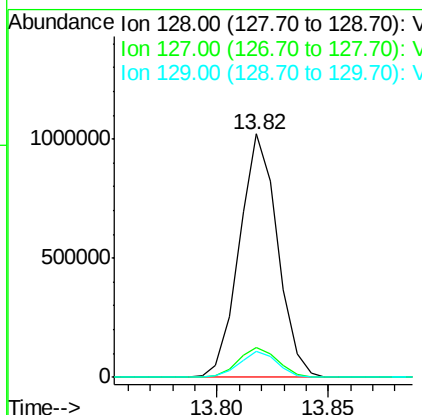
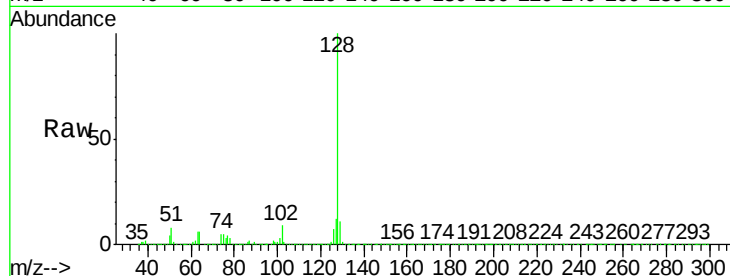
#91
Naphthalene
Concen: 19.661 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.6	8.9	13.3

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 18.625 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015533.D
Acq: 07 Apr 2020 13:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	0.0	191.0
145	32.8	0.0	62.2

