

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015703.D
 Acq On : 16 Apr 2020 11:39
 Operator : JC/SP
 Sample : VX0416WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:29 AM

Quant Time: Apr 17 07:15:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1017336	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1519600	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1382636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	768348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	647359	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	5.47	113	497955	51.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.52%	
50) Toluene-d8	8.70	98	1823985	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	
62) 4-Bromofluorobenzene	11.12	95	737926	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	151765	16.933	ug/l	99
3) Chloromethane	1.31	50	178841	15.668	ug/l	99
4) Vinyl Chloride	1.39	62	186112	17.757	ug/l	96
5) Bromomethane	1.63	94	134326	23.520	ug/l	97
6) Chloroethane	1.72	64	116657	17.947	ug/l	99
7) Trichlorofluoromethane	1.92	101	259761	18.481	ug/l	98
8) Diethyl Ether	2.17	74	105916	17.866	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	175479	19.151	ug/l	97
10) Methyl Iodide	2.49	142	158593	12.838	ug/l	99
11) Tert butyl alcohol	3.01	59	235938	68.699	ug/l	99
12) 1,1-Dichloroethene	2.36	96	167588	17.448	ug/l	98
13) Acrolein	2.27	56	187250	95.713	ug/l	99
14) Allyl chloride	2.71	41	364809	16.255	ug/l	98
15) Acrylonitrile	3.11	53	538311	82.190	ug/l	100
16) Acetone	2.42	43	525503	85.248	ug/l	99
17) Carbon Disulfide	2.55	76	438982	14.982	ug/l	99
18) Methyl Acetate	2.75	43	263989	16.779	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	644667	17.306	ug/l	99
20) Methylene Chloride	2.83	84	197411	17.145	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	183352	17.201	ug/l	97
22) Diisopropyl ether	3.83	45	710846	17.875	ug/l	92
23) Vinyl Acetate	3.78	43	3081273	85.577	ug/l	100
24) 1,1-Dichloroethane	3.67	63	363651	17.368	ug/l	99
25) 2-Butanone	4.64	43	790393	79.728	ug/l	100
26) 2,2-Dichloropropane	4.55	77	322598	18.771	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	218752	17.738	ug/l	100
28) Bromochloromethane	4.98	49	175169	17.522	ug/l	97
29) Tetrahydrofuran	5.09	42	496268	77.868	ug/l	99
30) Chloroform	5.17	83	360905	17.916	ug/l	98
31) Cyclohexane	5.55	56	321737	17.713	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	321758	17.649	ug/l	98
36) 1,1-Dichloropropene	5.77	75	265439	18.958	ug/l	98
37) Ethyl Acetate	4.79	43	303183	16.630	ug/l	99
38) Carbon Tetrachloride	5.76	117	279422	18.425	ug/l	98

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MMDadoda
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 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	317948	19.695	ug/l	96
40) Benzene	6.11	78	771080	18.800	ug/l	99
41) Methacrylonitrile	5.00	41	179936	17.780	ug/l	99
42) 1,2-Dichloroethane	6.16	62	305271	18.530	ug/l	98
43) Isopropyl Acetate	6.41	43	520067	16.899	ug/l	99
44) Trichloroethene	7.18	130	222572	19.898	ug/l	88
45) 1,2-Dichloropropane	7.49	63	206823	18.434	ug/l	94
46) Dibromomethane	7.64	93	134793	18.314	ug/l	91
47) Bromodichloromethane	7.88	83	284806	18.161	ug/l	99
48) Methyl methacrylate	7.75	41	263118	17.117	ug/l	98
49) 1,4-Dioxane	7.72	88	98887	344.836	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1550722	88.912	ug/l	100
52) Toluene	8.76	92	495949	19.613	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	324111	17.622	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	343599	18.339	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	207679	20.046	ug/l	92
56) Ethyl methacrylate	9.16	69	314201	17.209	ug/l	98
57) 1,3-Dichloropropane	9.36	76	344911	18.479	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	819124	92.236	ug/l	100
59) 2-Hexanone	9.47	43	1145531	86.996	ug/l	99
60) Dibromochloromethane	9.56	129	229779	18.458	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208215	18.484	ug/l	97
64) Tetrachloroethene	9.32	164	207526	19.889	ug/l	91
65) Chlorobenzene	10.12	112	541442	19.636	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	209598	19.027	ug/l	98
67) Ethyl Benzene	10.23	91	950643	19.439	ug/l	99
68) m/p-Xylenes	10.34	106	723109	39.708	ug/l	99
69) o-Xylene	10.68	106	357580	19.871	ug/l	98
70) Styrene	10.70	104	605443	19.120	ug/l	99
71) Bromoform	10.84	173	175356	17.486	ug/l #	99
73) Isopropylbenzene	11.00	105	950825	18.887	ug/l	100
74) N-amyl acetate	10.88	43	451251	16.116	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	297750	17.236	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	278907m	17.652	ug/l	
77) Bromobenzene	11.24	156	260055	19.366	ug/l	93
78) n-propylbenzene	11.34	91	1065649	18.512	ug/l	98
79) 2-Chlorotoluene	11.40	91	649846	18.418	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	812301	18.893	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	99287	15.078	ug/l	98
82) 4-Chlorotoluene	11.49	91	768281	18.574	ug/l	100
83) tert-Butylbenzene	11.76	119	817133	19.457	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	824387	18.816	ug/l	99
85) sec-Butylbenzene	11.93	105	937472	19.301	ug/l	98
86) p-Isopropyltoluene	12.05	119	899752	19.954	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	457712	19.040	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	466966	19.070	ug/l	100
89) n-Butylbenzene	12.37	91	777477	19.080	ug/l	99
90) Hexachloroethane	12.58	117	148386	16.907	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	442875	18.825	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	66215	13.581	ug/l	93

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ClientSampleId :
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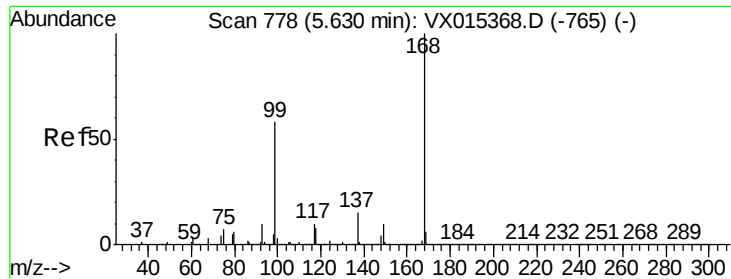
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	354383	19.044	ug/l	99
94) Hexachlorobutadiene	13.77	225	167510	18.906	ug/l	97
95) Naphthalene	13.82	128	989212	17.427	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	352548	19.677	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:168 Resp: 1017336

Ion Ratio Lower Upper

168 100

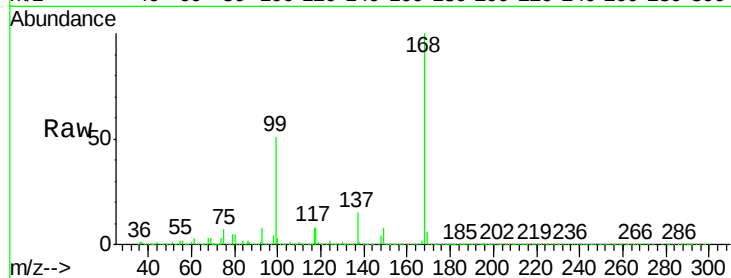
99 50.4 46.4 69.6

Manual Integrations

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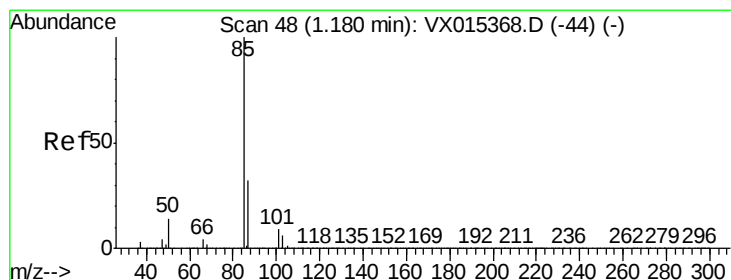
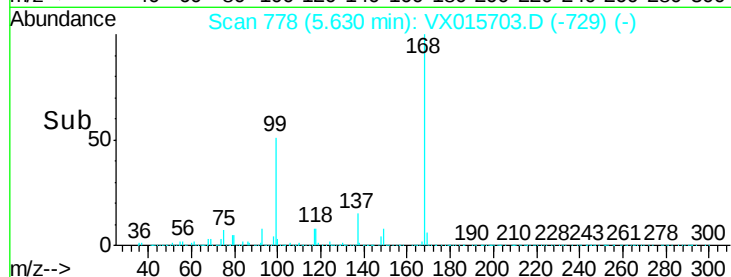
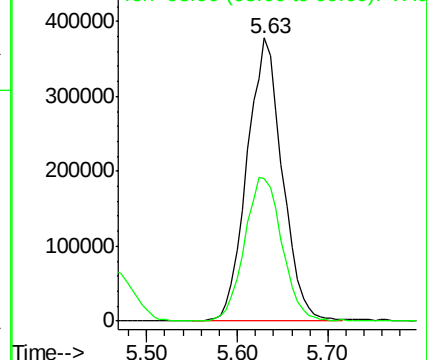
MMDadoda

4/17/2020 11:55:29 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 16.933 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015703.D

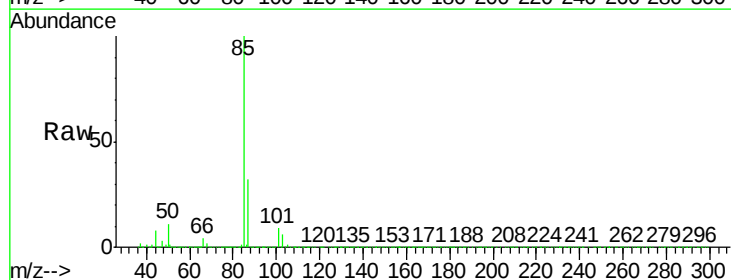
Acq: 16 Apr 2020 11:39

Tgt Ion: 85 Resp: 151765

Ion Ratio Lower Upper

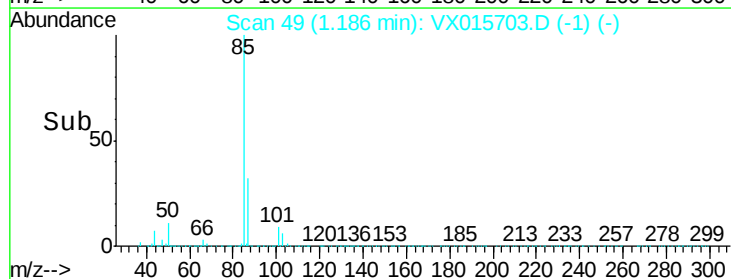
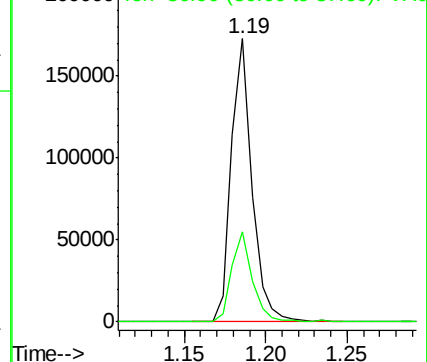
85 100

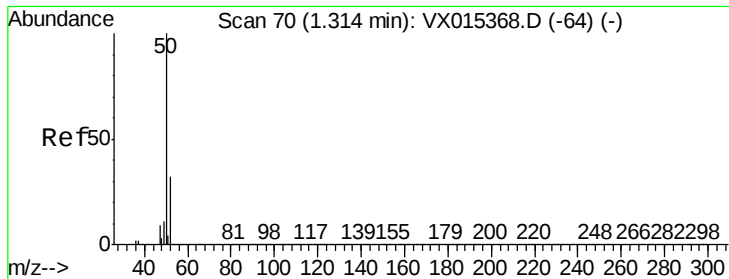
87 31.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 15.668 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 50 Resp: 178841

Ion Ratio Lower Upper

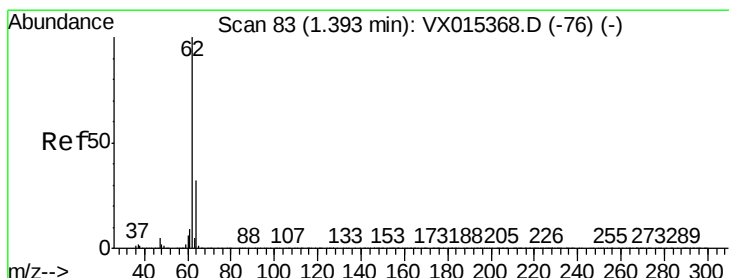
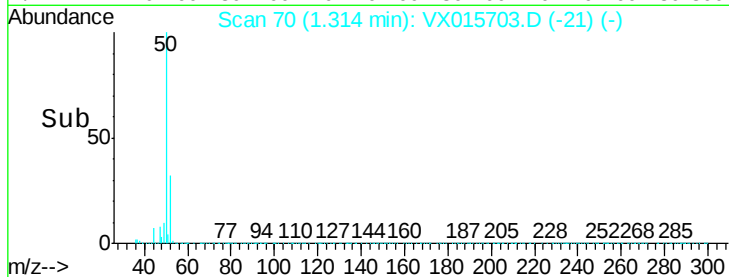
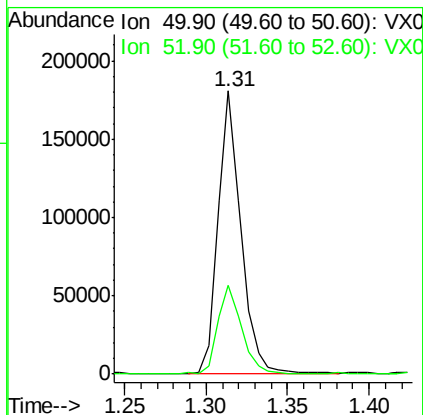
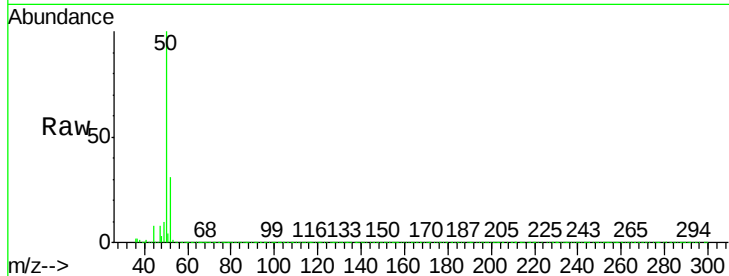
50 100

52 31.1 25.3 37.9

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#4

Vinyl Chloride

Concen: 17.757 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015703.D

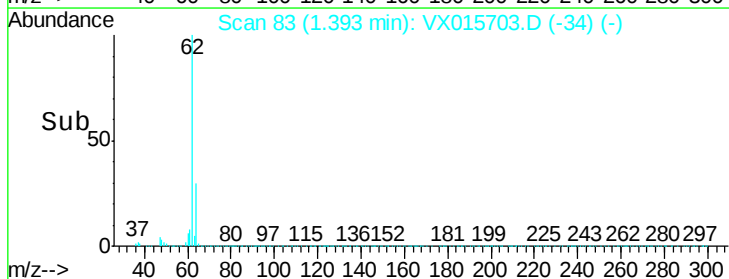
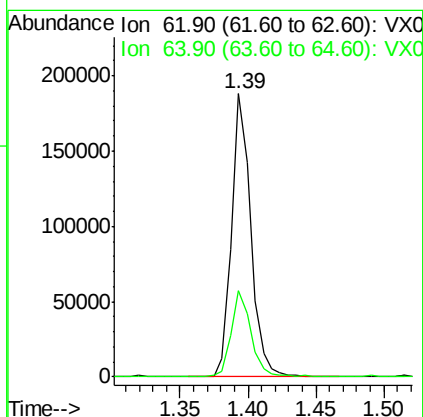
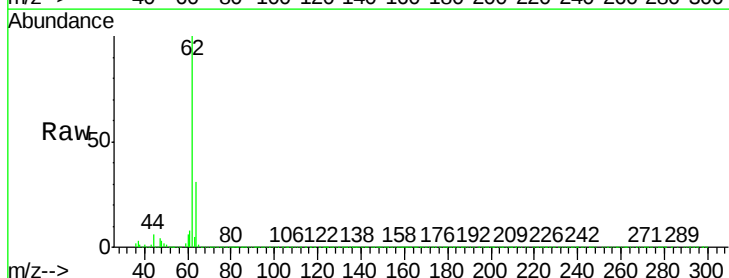
Acq: 16 Apr 2020 11:39

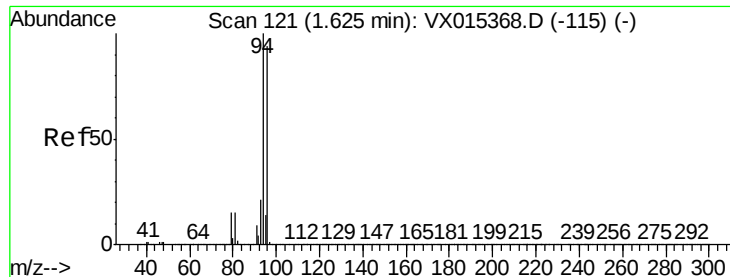
Tgt Ion: 62 Resp: 186112

Ion Ratio Lower Upper

62 100

64 30.4 26.0 39.0





#5

Bromomethane

Concen: 23.520 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 94 Resp: 134326

Ion Ratio Lower Upper

94 100

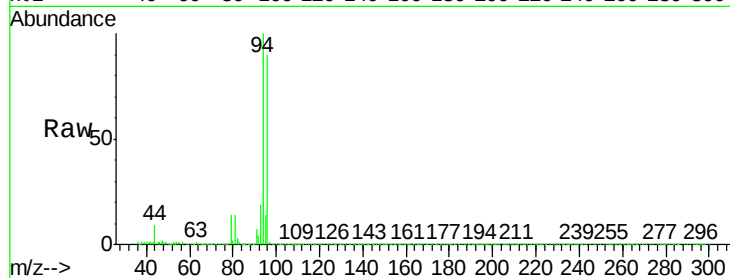
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Manual Integrations

APPROVED

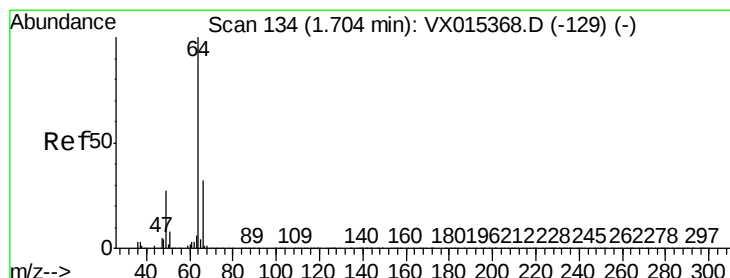
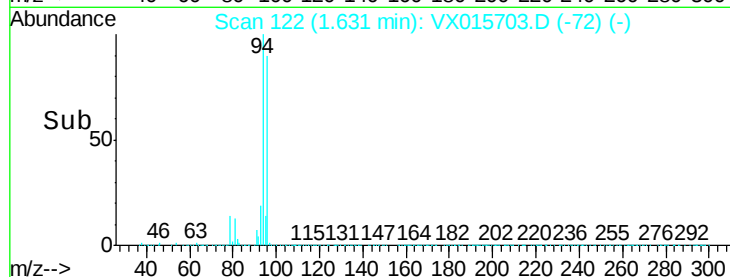
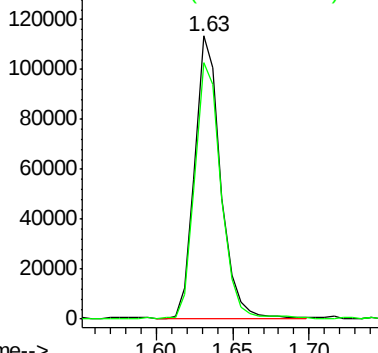
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.947 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015703.D

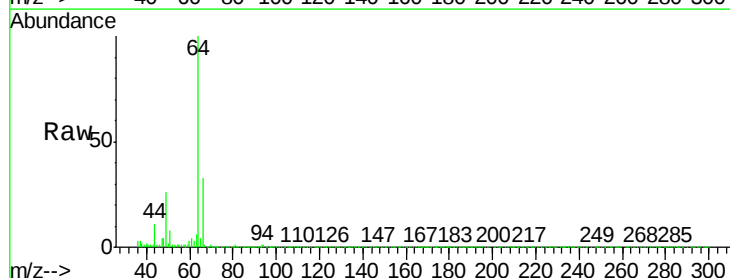
Acq: 16 Apr 2020 11:39

Tgt Ion: 64 Resp: 116657

Ion Ratio Lower Upper

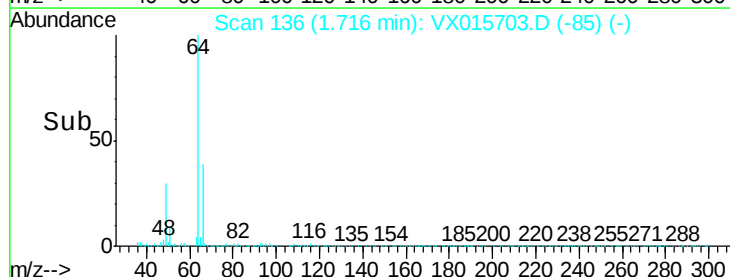
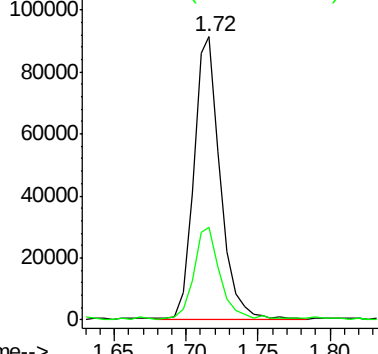
64 100

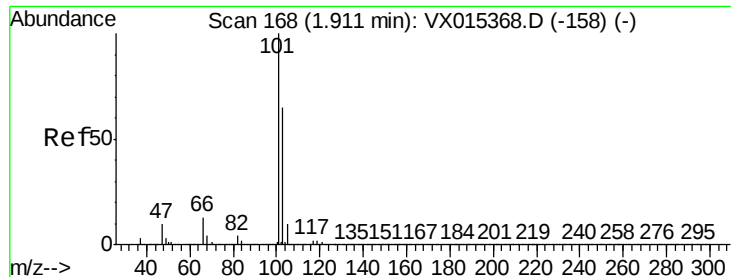
66 32.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

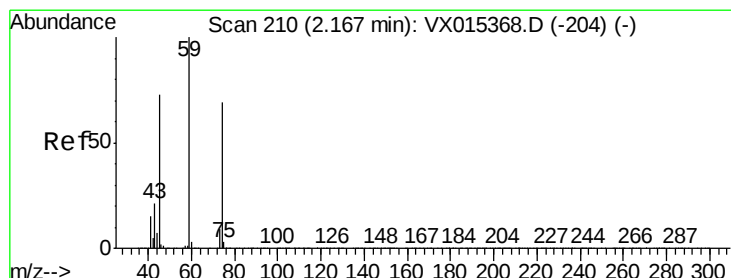
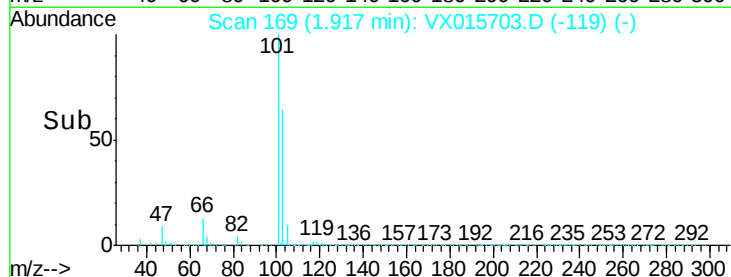
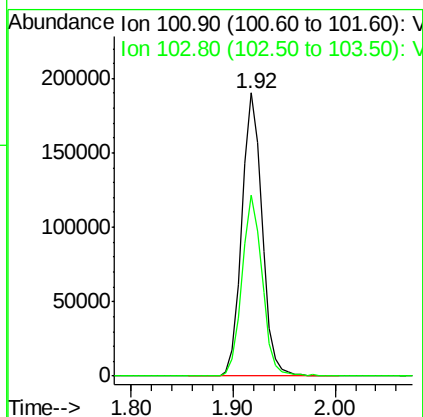
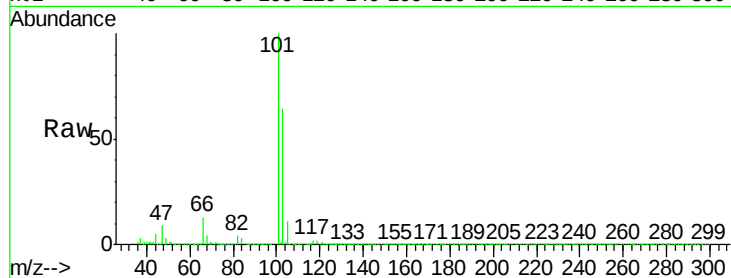
Trichlorofluoromethane
Concen: 18.481 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
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ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	52.3	78.5

Manual Integrations
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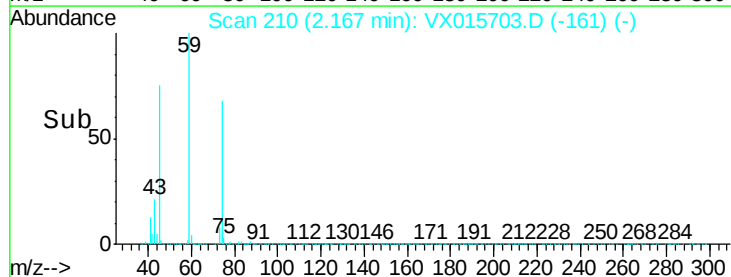
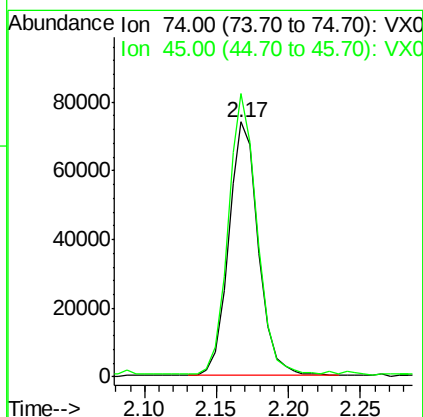
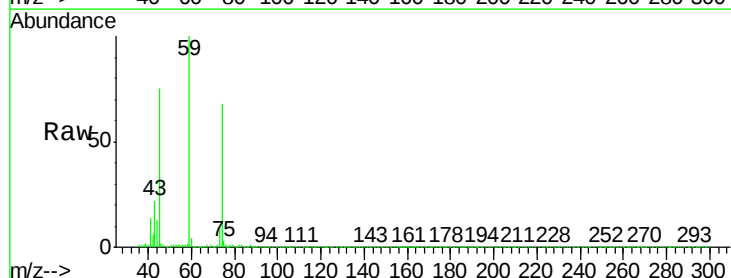
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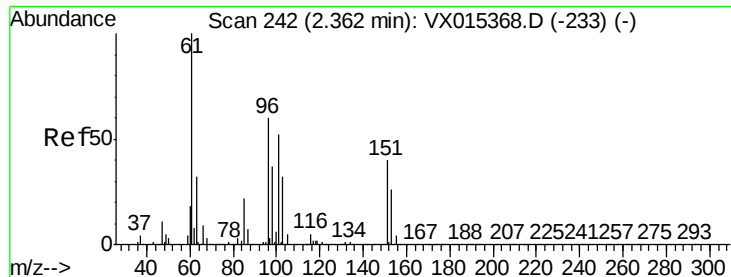


#8

Diethyl Ether
Concen: 17.866 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.151 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

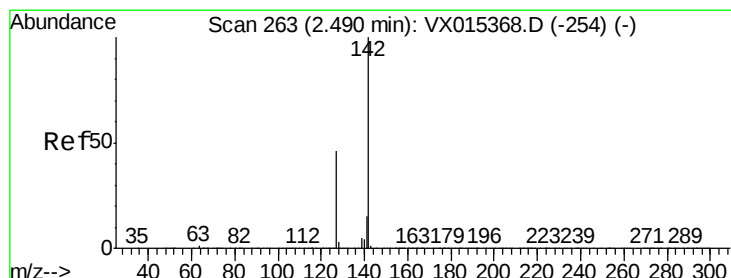
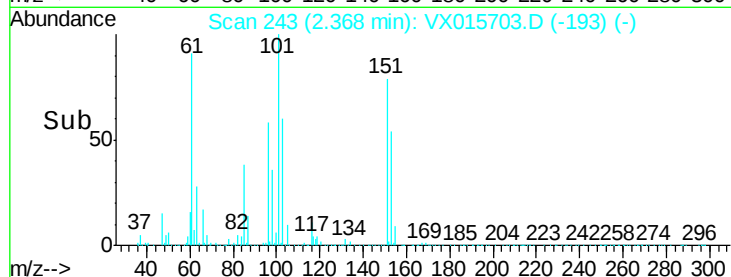
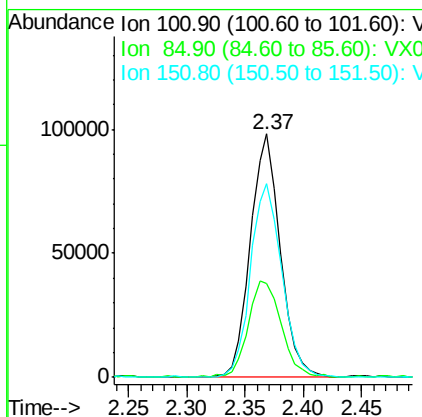
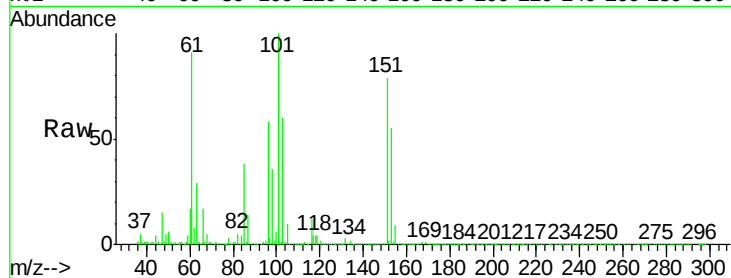
ClientSampleId :

VX0416WBS01

Tot Ion:	101	Resp:	175479
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.0	52.4
151	83.7	64.1	96.1

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4/17/2020 11:55:29 AM



#10

Methyl Iodide

Concen: 12.838 ug/l

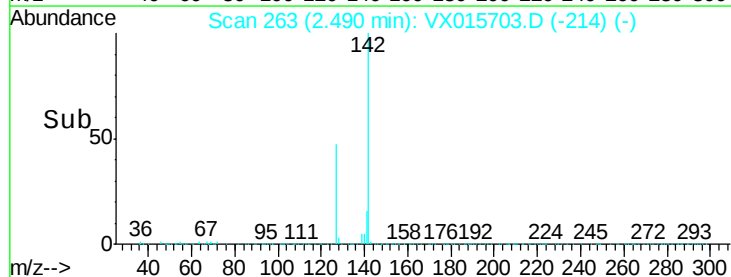
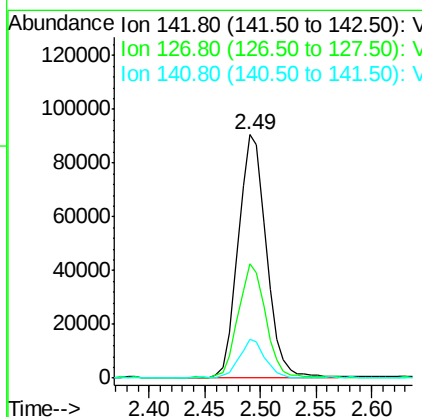
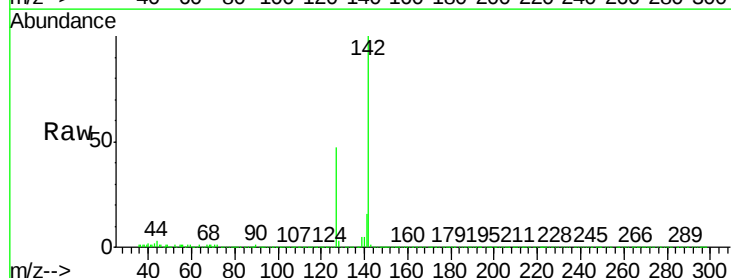
RT: 2.49 min Scan# 263

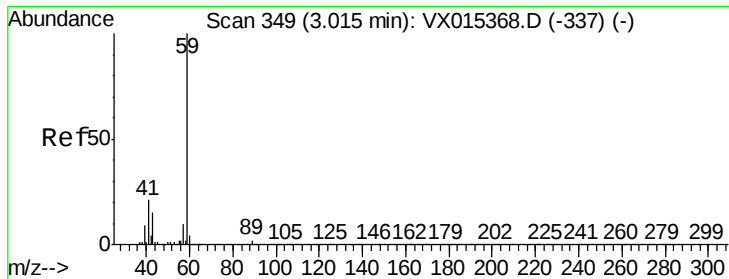
Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	142	Resp:	158593
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.9	53.9
141	14.2	11.6	17.4





#11

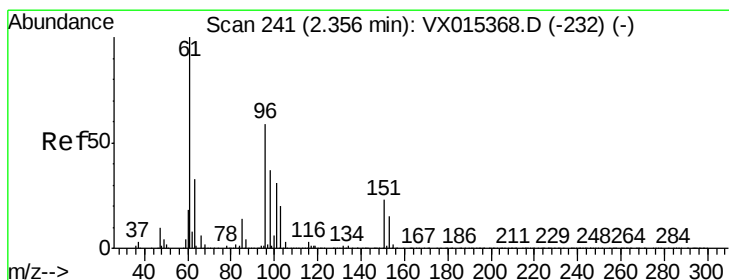
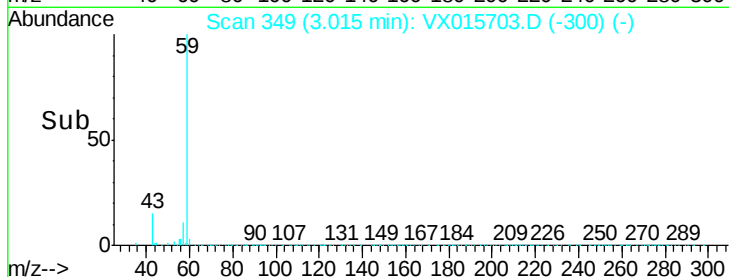
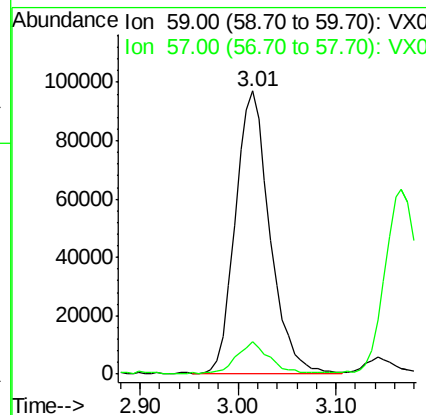
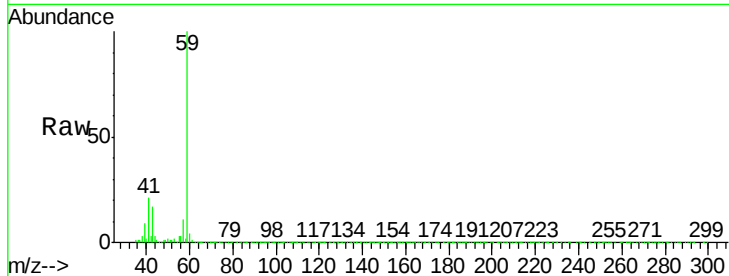
Tert butyl alcohol
Concen: 68.699 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampled :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

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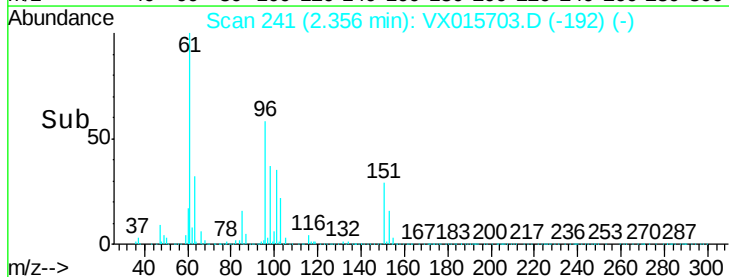
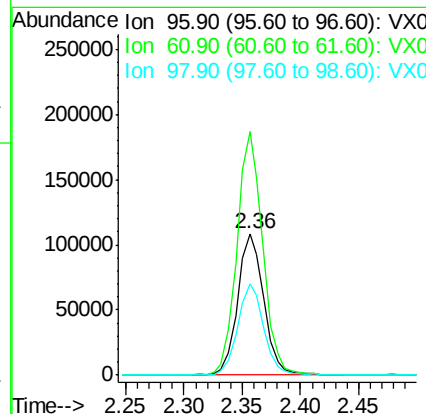
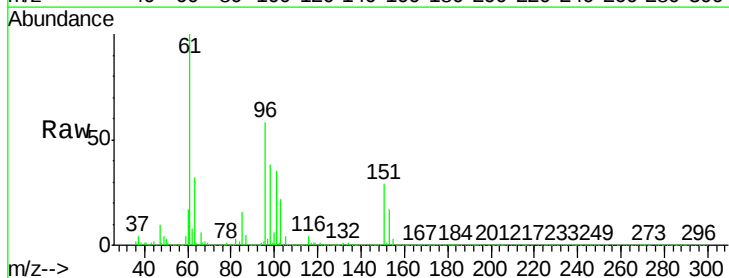
MMDadoda
4/17/2020 11:55:29 AM

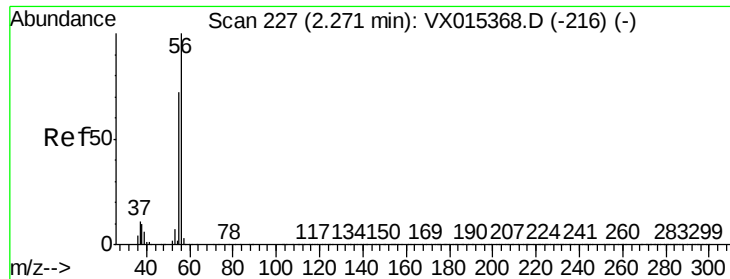


#12

1,1-Dichloroethene
Concen: 17.448 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	172.1	135.7	203.5
98	64.6	50.6	75.8





#13

Acrolein

Concen: 95.713 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 56 Resp: 187250

Ion Ratio Lower Upper

56 100

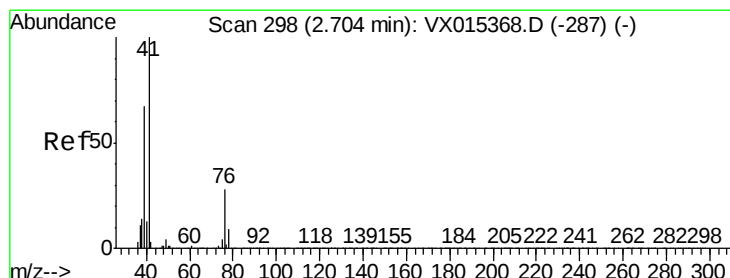
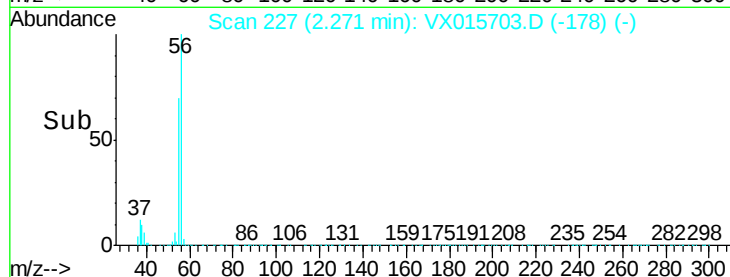
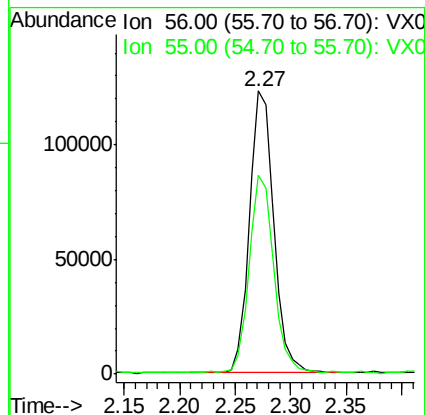
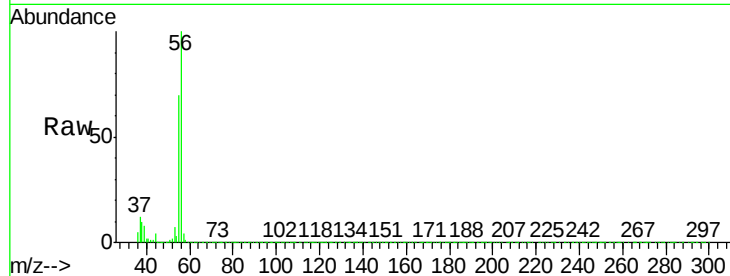
55 70.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 16.255 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

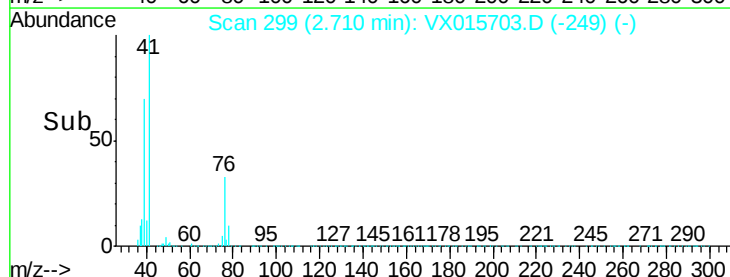
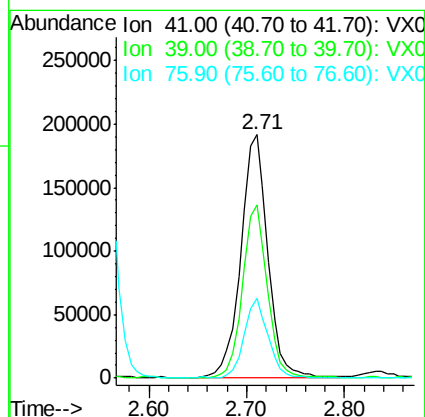
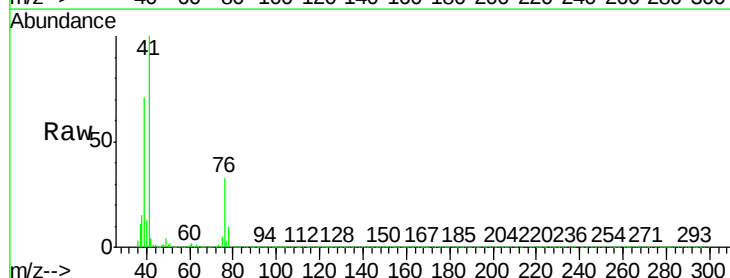
Tgt Ion: 41 Resp: 364809

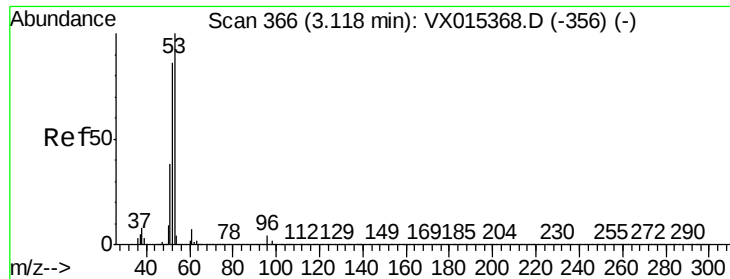
Ion Ratio Lower Upper

41 100

39 65.2 51.4 77.0

76 28.6 21.8 32.8





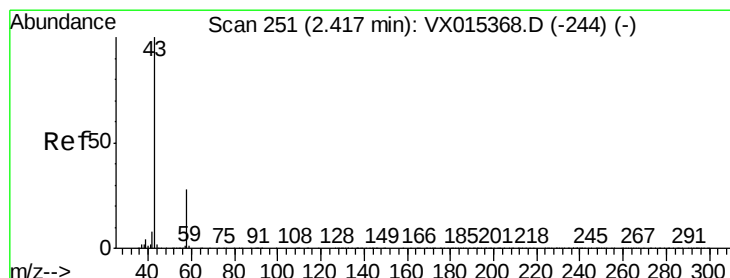
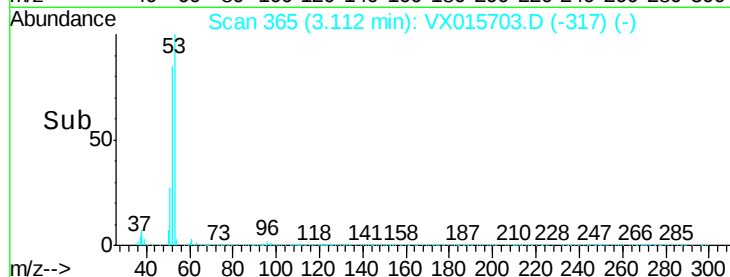
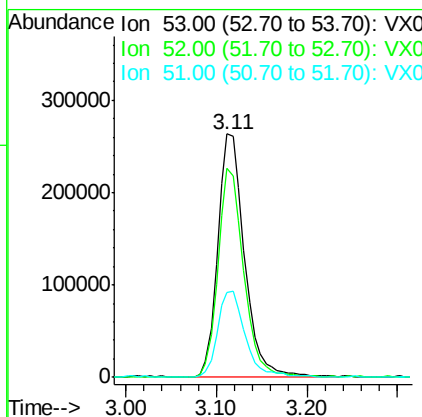
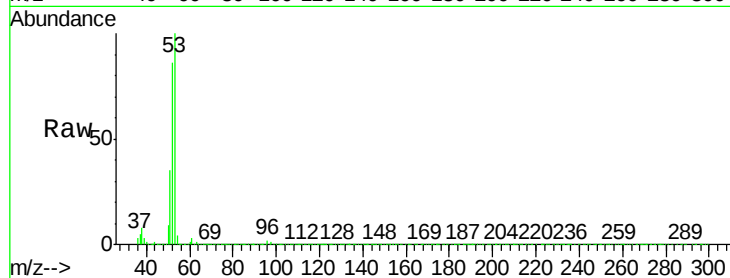
#15
 Acrylonitrile
 Concen: 82.190 ug/l
 RT: 3.11 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion:	53	Resp:	538311
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.8	100.2
51	36.9	29.5	44.3

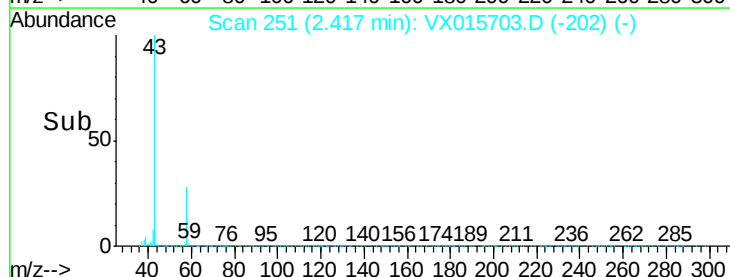
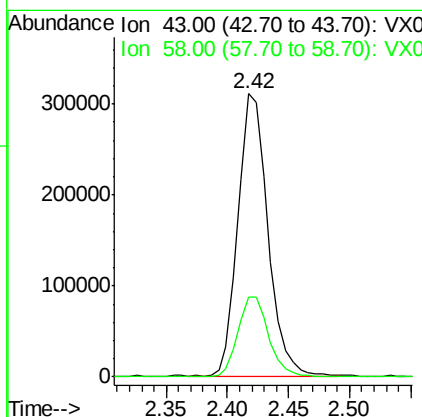
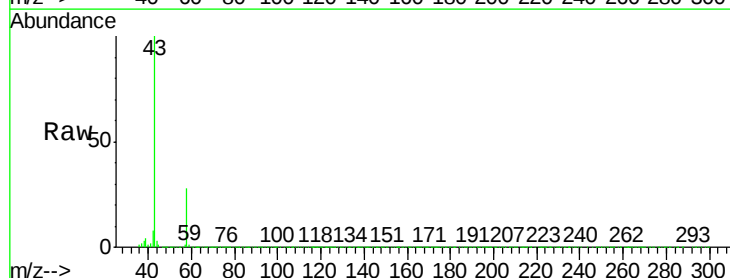
Manual Integrations
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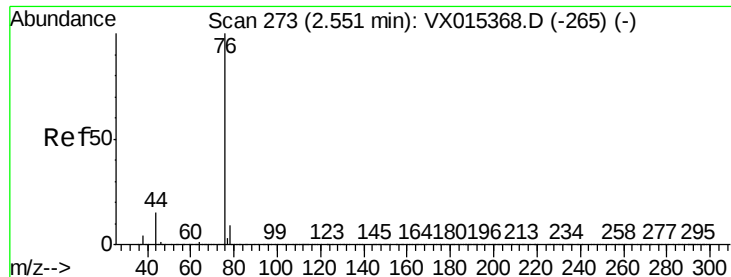
MMDadoda
 4/17/2020 11:55:29 AM



#16
 Acetone
 Concen: 85.248 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Tgt Ion:	43	Resp:	525503
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.1	33.1





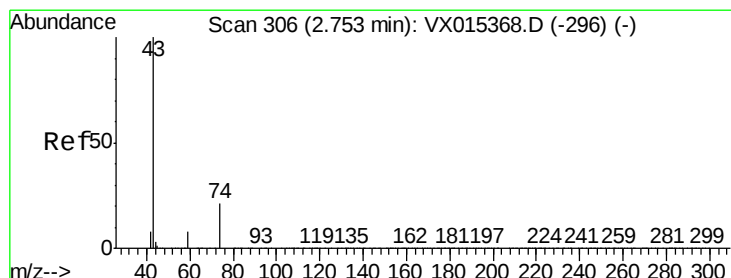
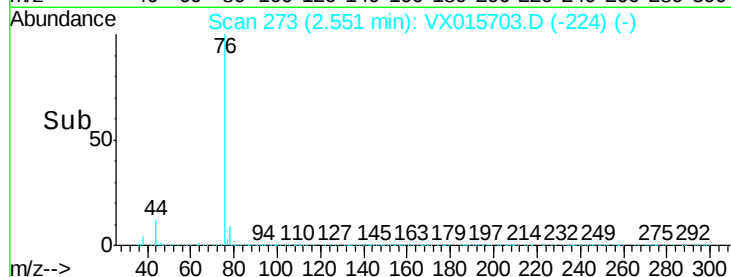
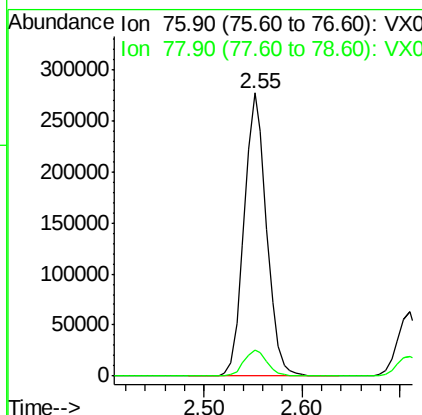
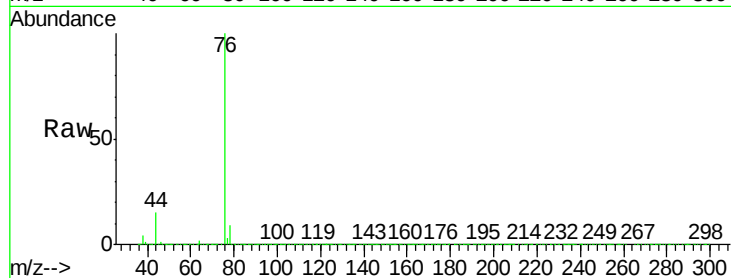
#17
Carbon Disulfide
Concen: 14.982 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.1	10.7

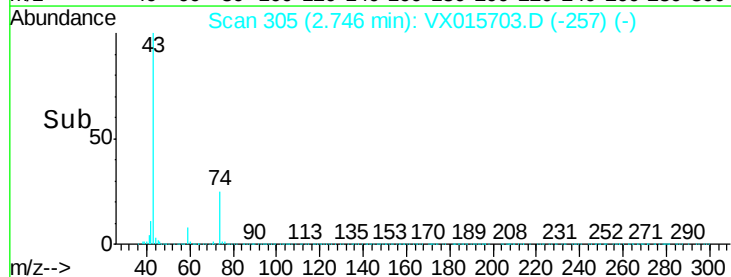
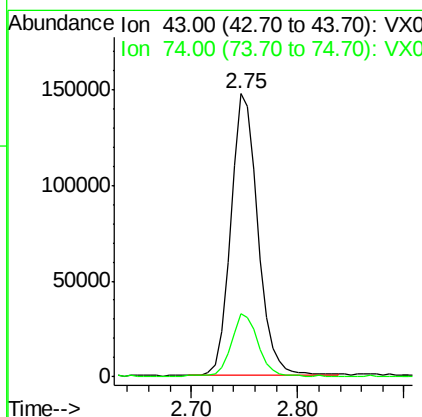
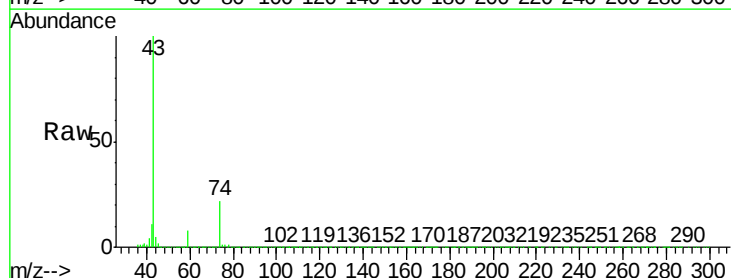
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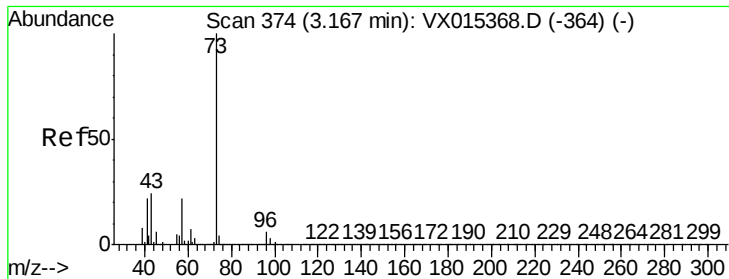
MMDadoda
4/17/2020 11:55:29 AM



#18
Methyl Acetate
Concen: 16.779 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	16.5	24.7





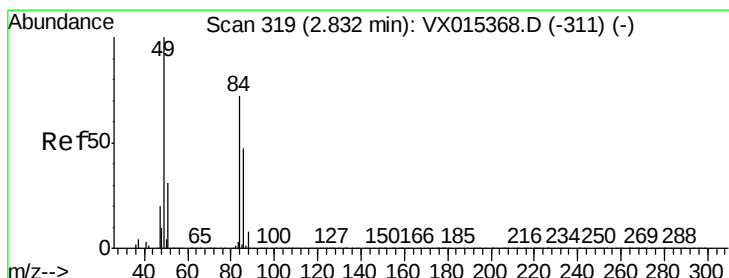
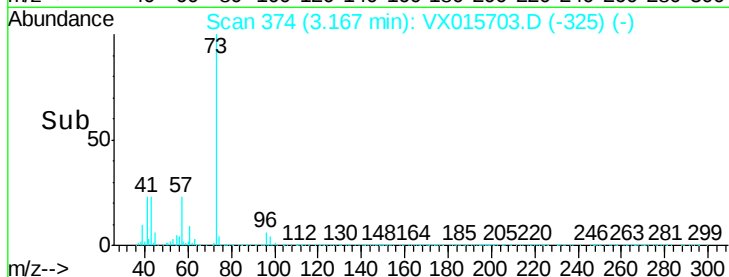
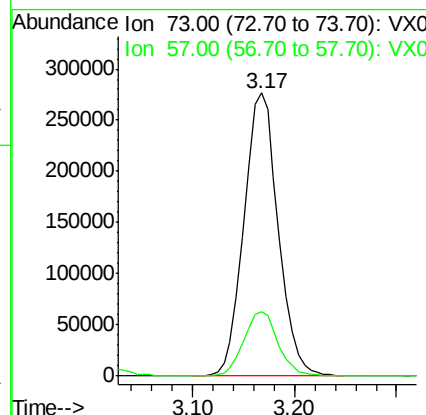
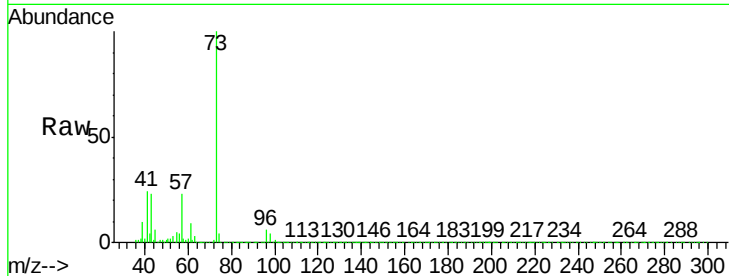
#19
Methvl tert-butvl Ether
Concen: 17.306 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	22.9	17.9	26.9

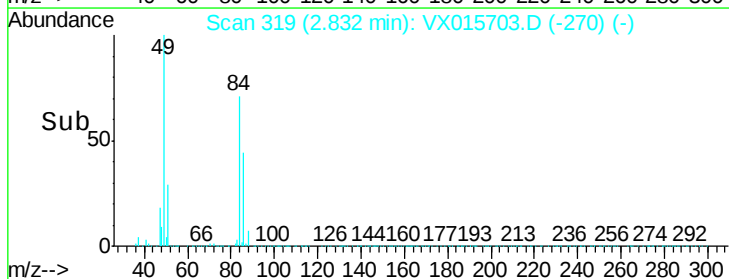
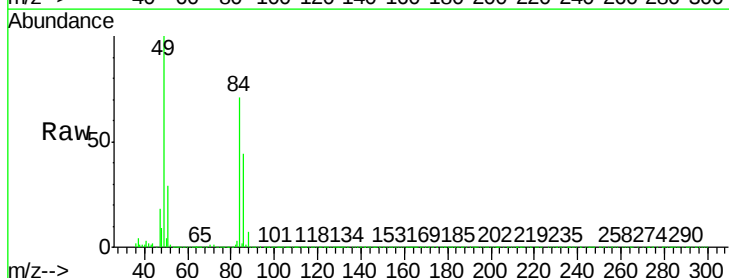
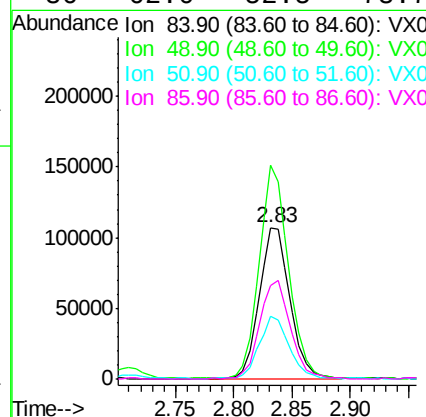
Manual Integrations
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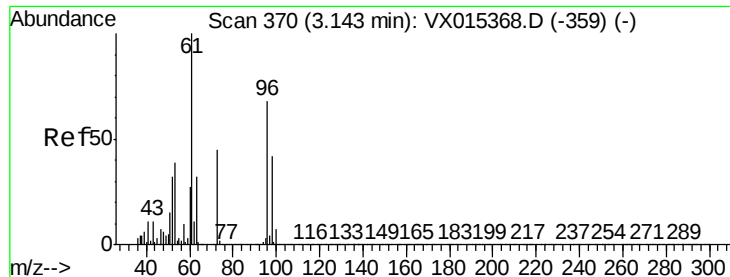
MMDadoda
4/17/2020 11:55:29 AM



#20
Methylene Chloride
Concen: 17.145 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	140.9	111.3	166.9
51	51	41.0	34.0	51.0
86	86	62.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 17.201 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

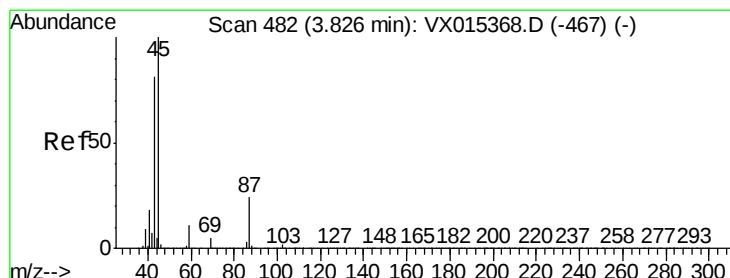
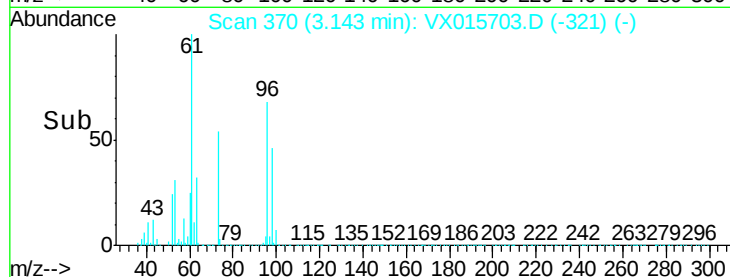
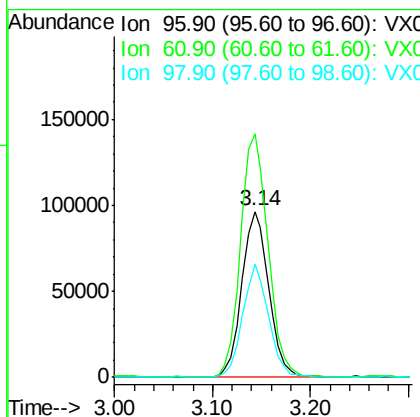
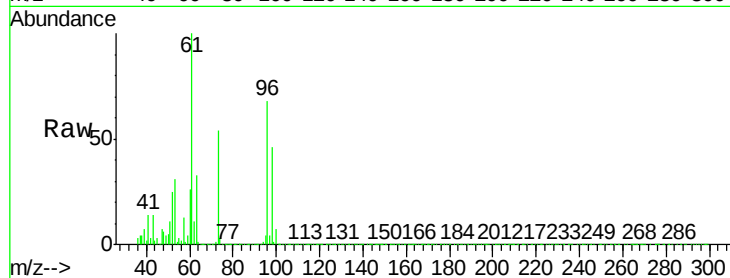
ClientSampleId :

VX0416WBS01

Tot Ion:	96	Resp:	183352
Ion Ratio	Lower	Upper	
96	100		
61	147.2	116.9	175.3
98	68.1	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.875 ug/l

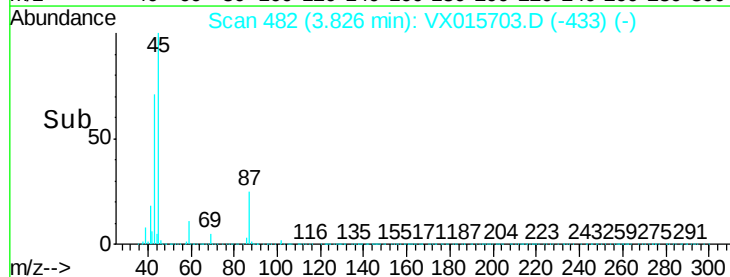
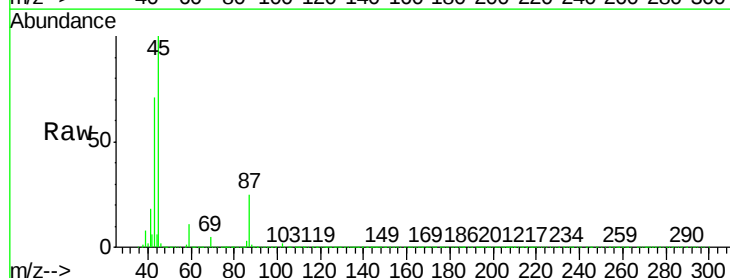
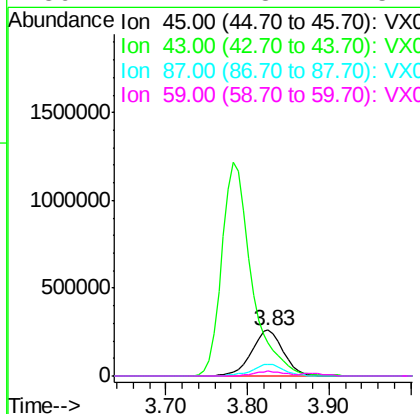
RT: 3.83 min Scan# 482

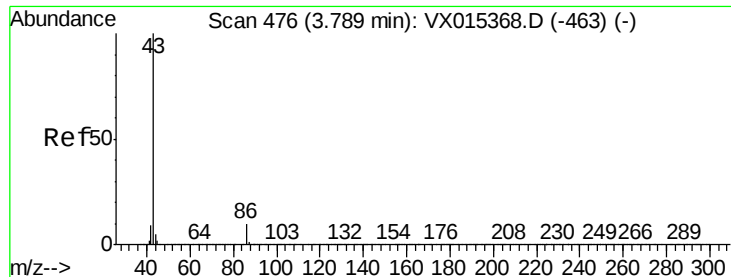
Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	45	Resp:	710846
Ion Ratio	Lower	Upper	
45	100		
43	71.3	64.7	97.1
87	24.6	19.4	29.0
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 85.577 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 3081273

Ion Ratio Lower Upper

43 100

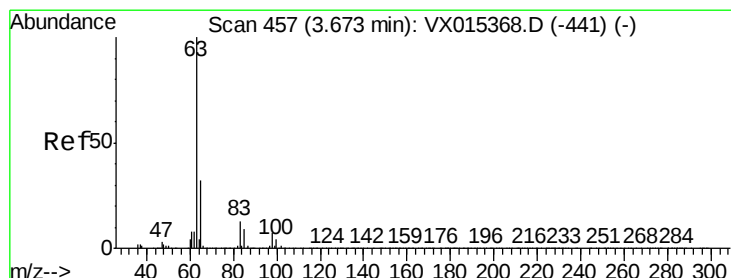
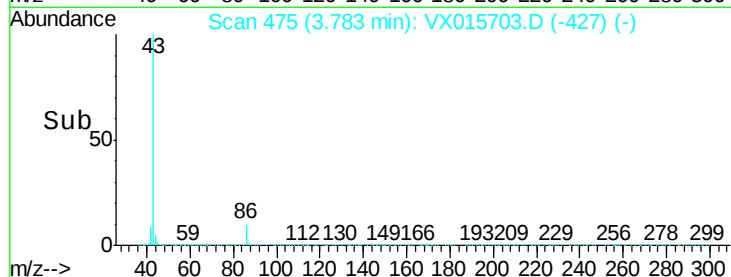
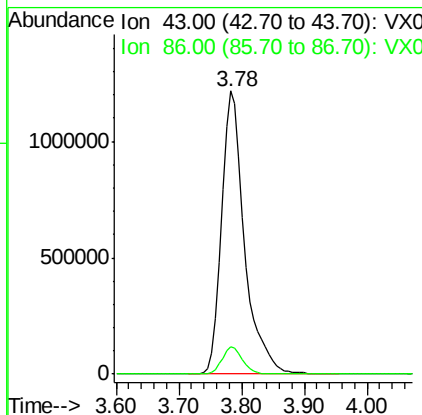
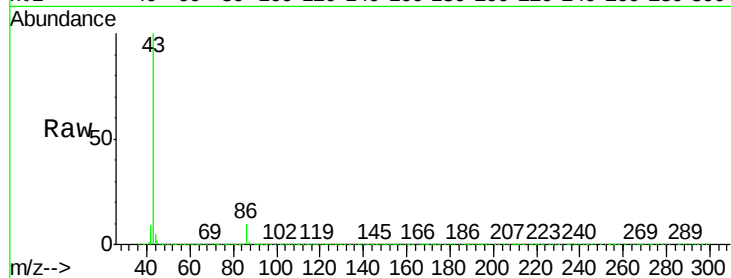
86 9.6 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 17.368 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

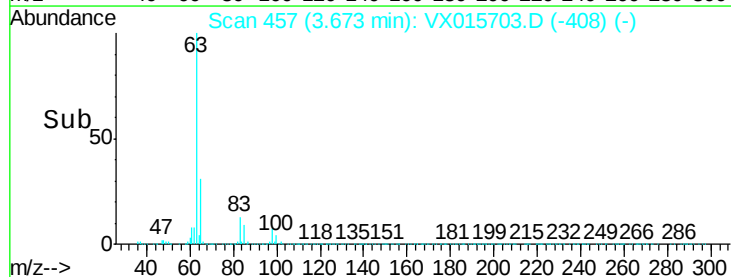
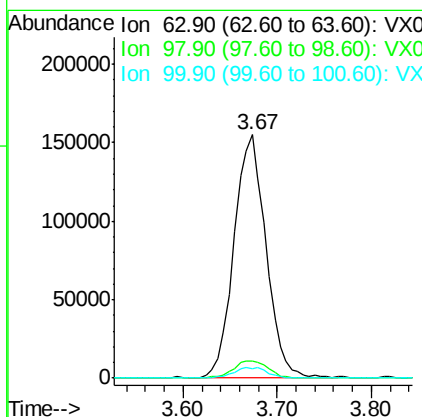
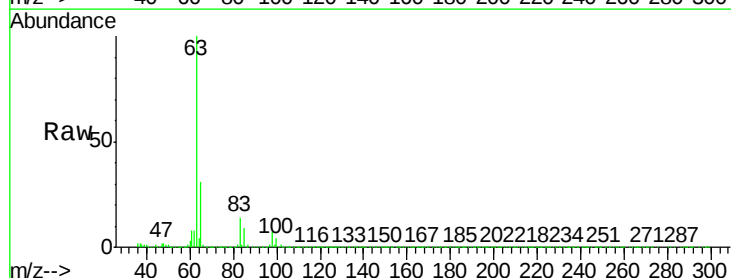
Tgt Ion: 63 Resp: 363651

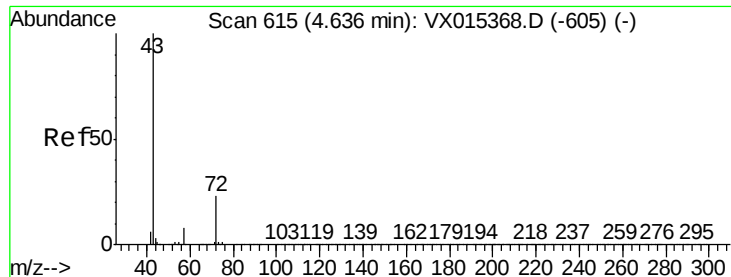
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.8

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 79.728 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tot Ion: 43 Resp: 790393

Ion Ratio Lower Upper

43 100

72 23.5 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

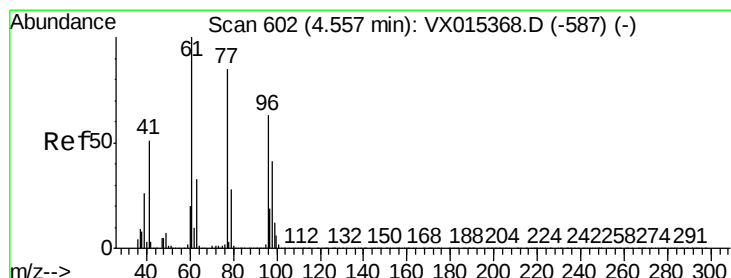
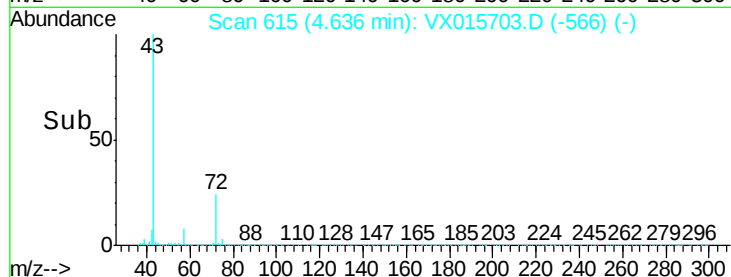
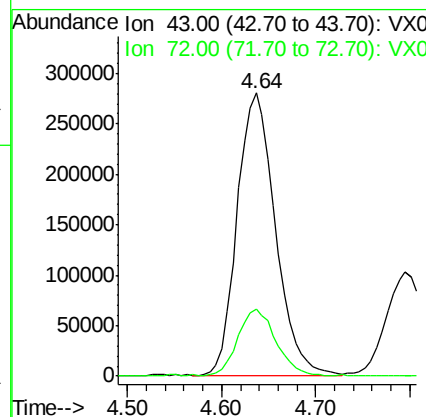
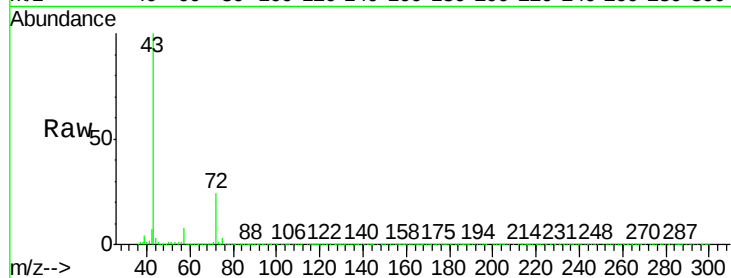
VX0416WBS01

Manual Integrations

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MMDadoda

4/17/2020 11:55:29 AM



#26

2,2-Dichloropropane

Concen: 18.771 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015703.D

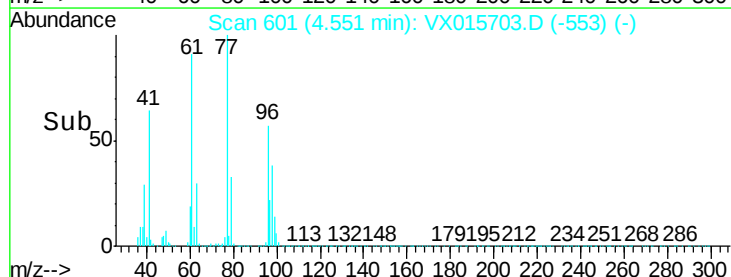
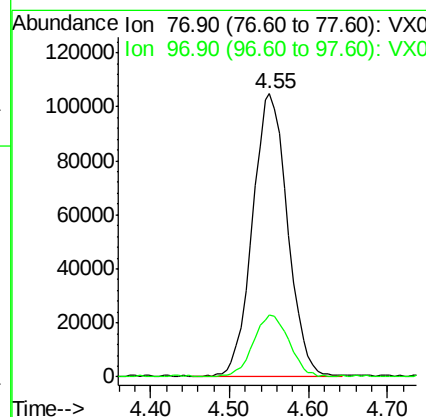
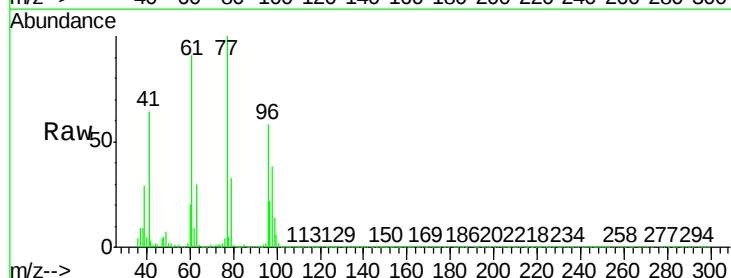
Acq: 16 Apr 2020 11:39

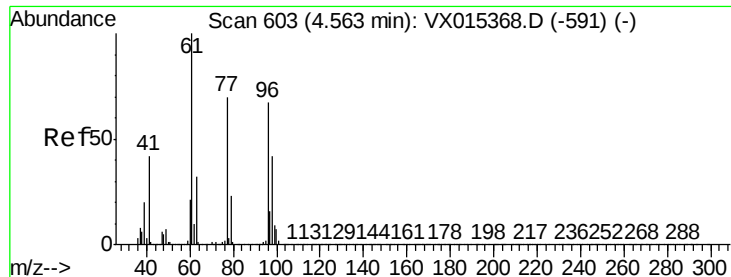
Tgt Ion: 77 Resp: 322598

Ion Ratio Lower Upper

77 100

97 22.7 11.3 33.8





#27

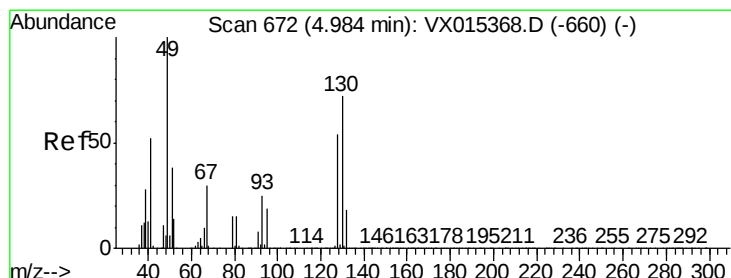
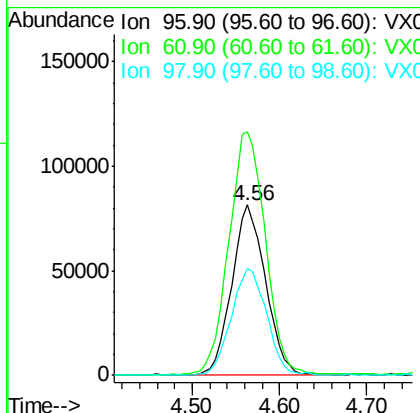
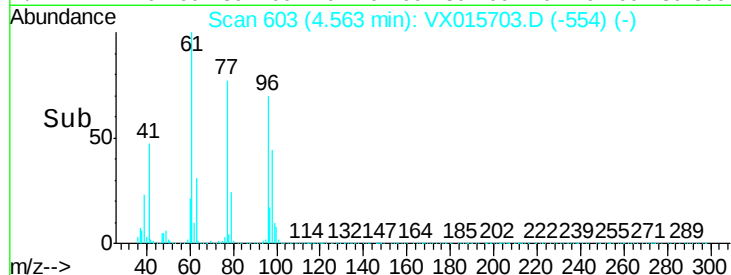
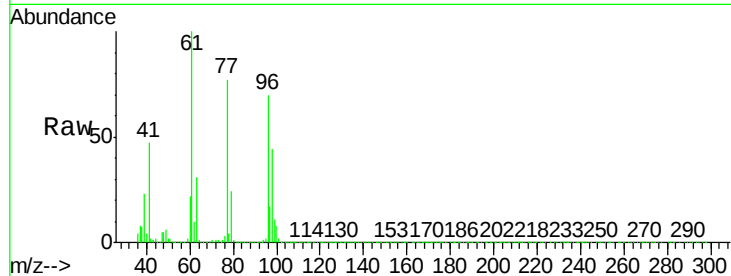
cis-1,2-Dichloroethene
Concen: 17.738 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	218752		
61	154.8	0.0	308.4	
98	64.6	0.0	129.2	

Manual Integrations
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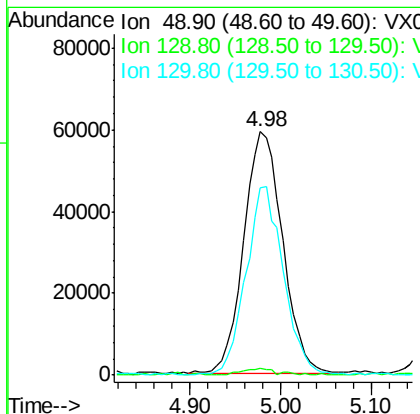
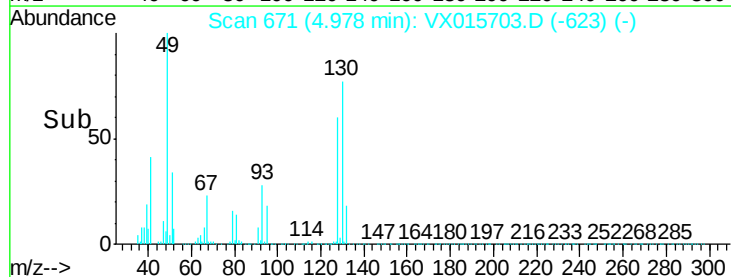
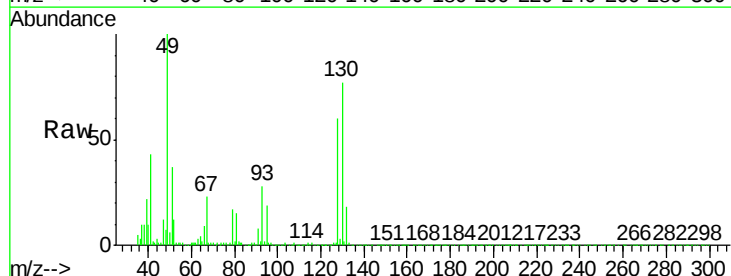
MMDadoda
4/17/2020 11:55:29 AM

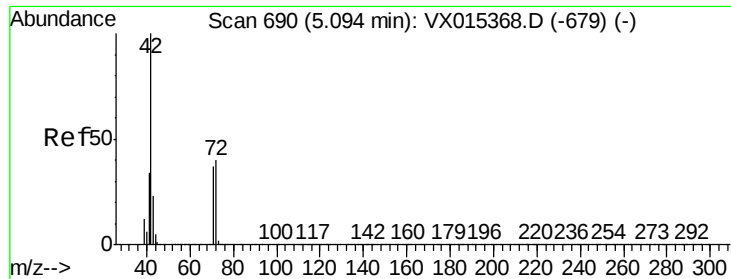


#28

Bromochloromethane
Concen: 17.522 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	175169		
129	1.9	0.0	4.4	
130	74.7	57.7	86.5	





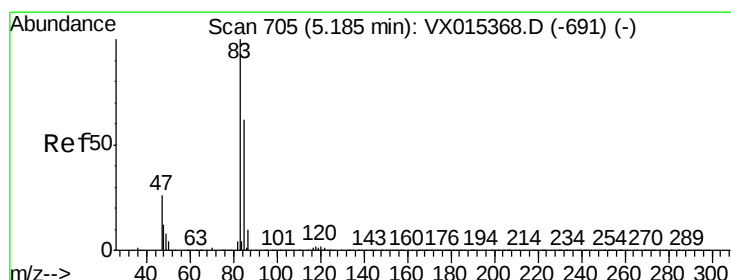
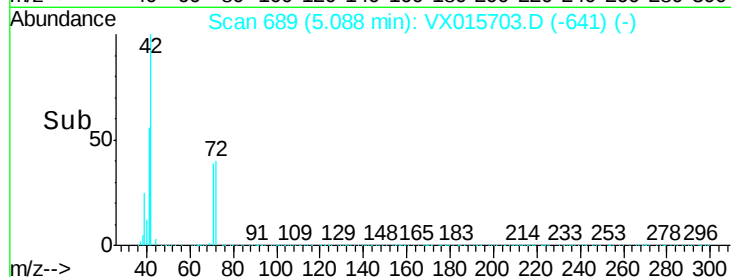
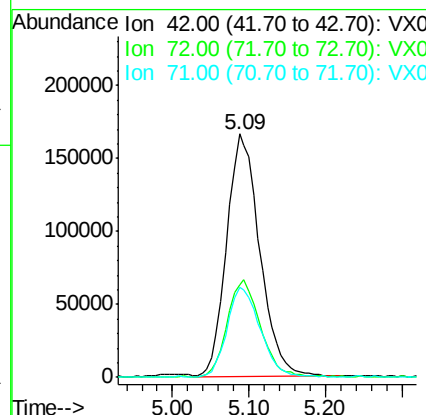
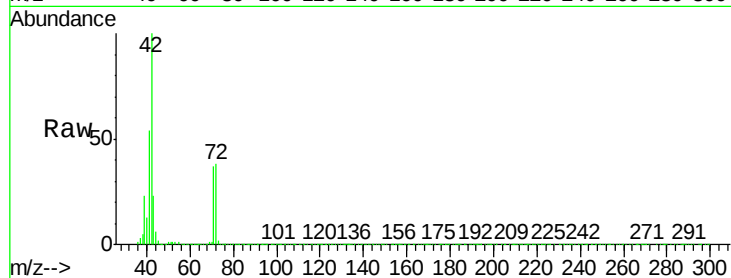
#29
Tetrahydrofuran
Concen: 77.868 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.4	31.7	47.5
71	37.2	29.6	44.4

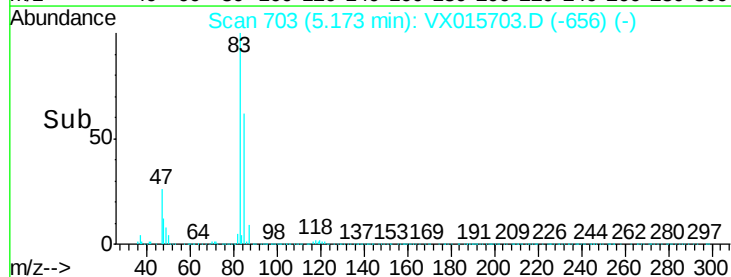
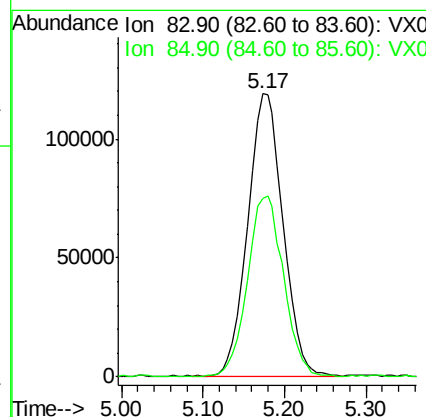
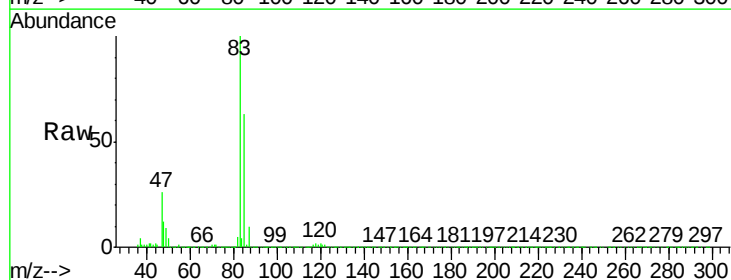
Manual Integrations
APPROVED

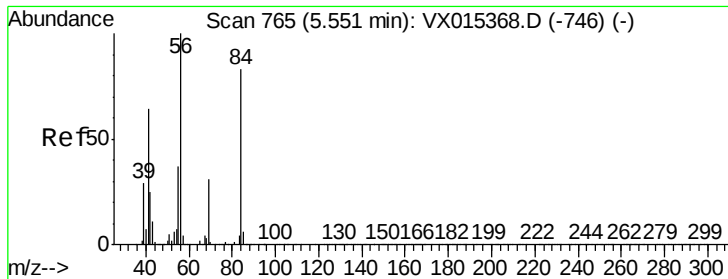
MMDadoda
4/17/2020 11:55:29 AM



#30
Chloroform
Concen: 17.916 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	49.5	74.3





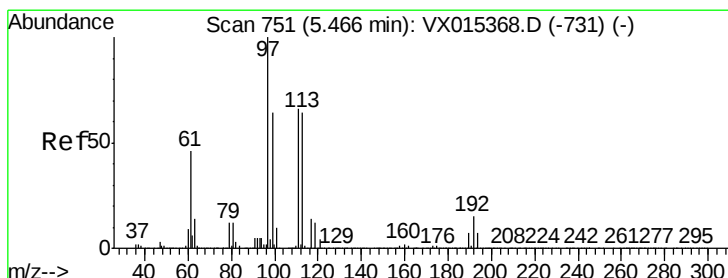
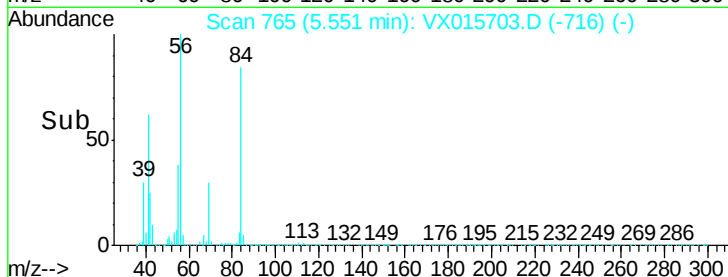
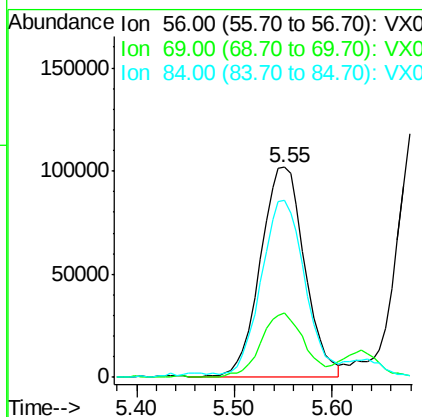
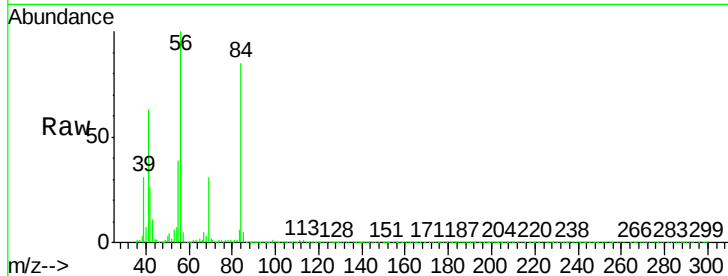
#31
Cyclohexane
Concen: 17.713 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	24.6	36.8
84	83.2	66.1	99.1

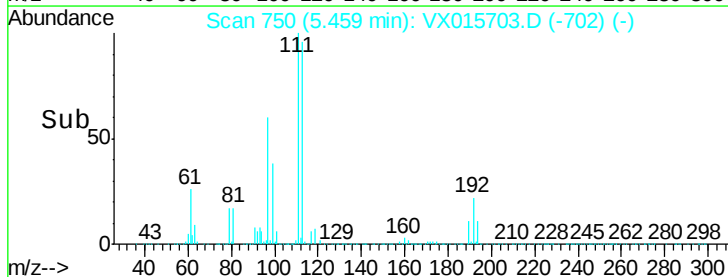
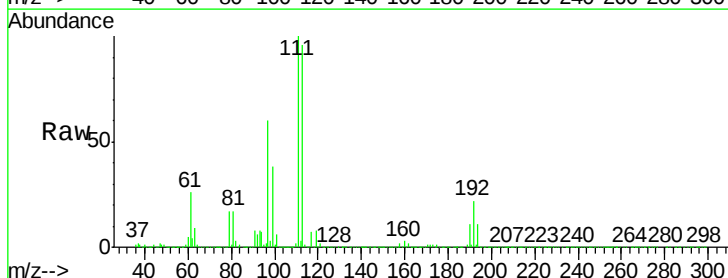
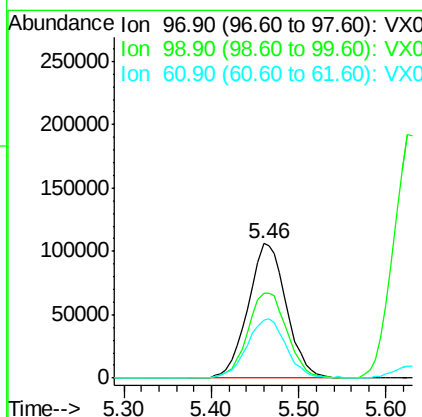
Manual Integrations
APPROVED

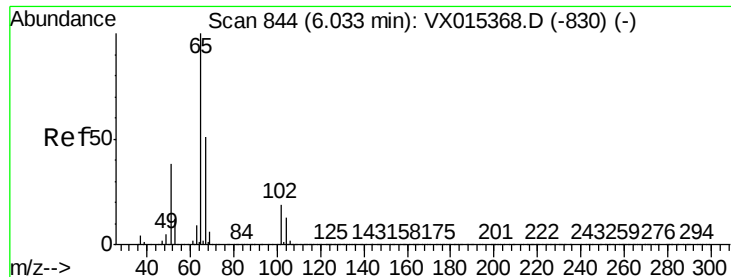
MMDadoda
4/17/2020 11:55:29 AM



#32
1,1,1-Trichloroethane
Concen: 17.649 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.0	76.4
61	44.3	36.1	54.1





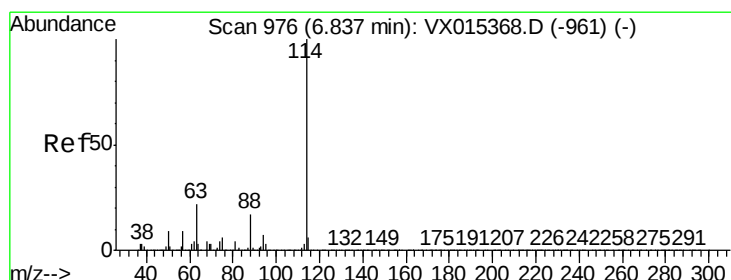
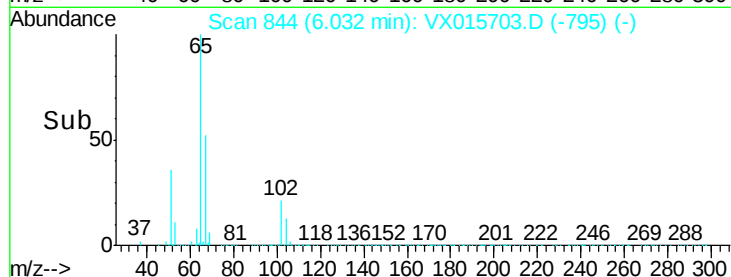
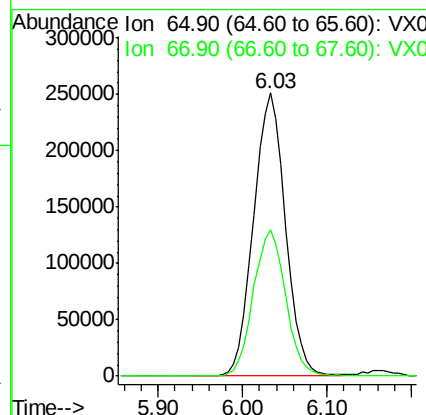
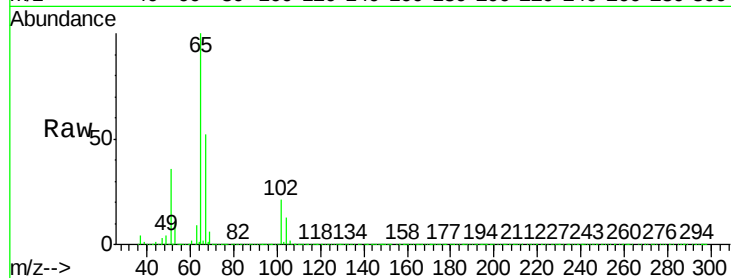
#33
 1,2-Dichloroethane-d4
 Concen: 45.117 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	647359		
67	52.0	0.0	102.6	

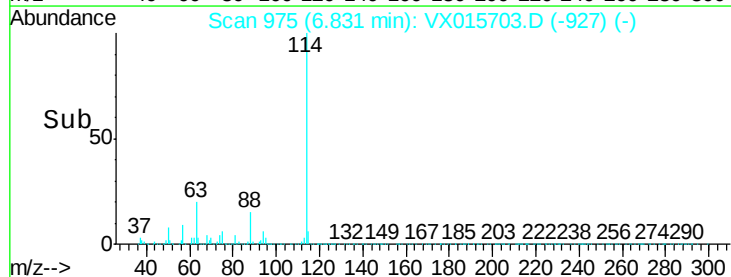
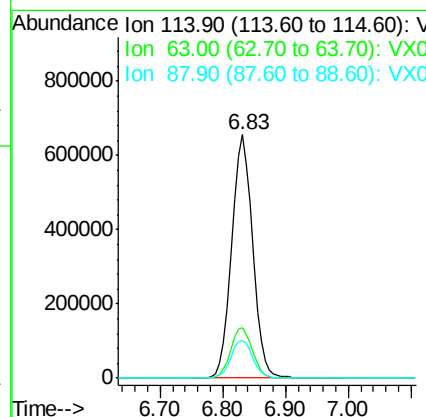
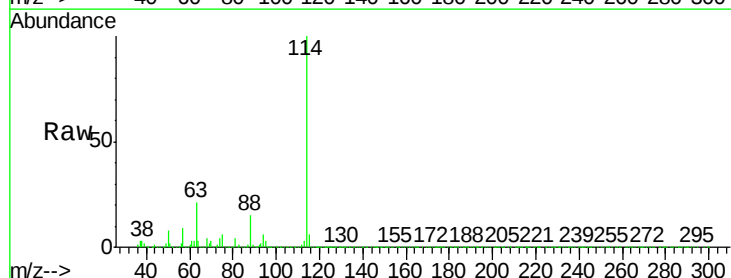
Manual Integrations
 APPROVED

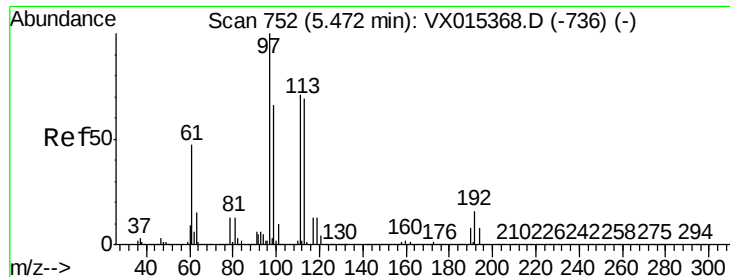
MMDadoda
 4/17/2020 11:55:29 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1519600		
63	20.5	0.0	44.2	
88	15.2	0.0	33.8	





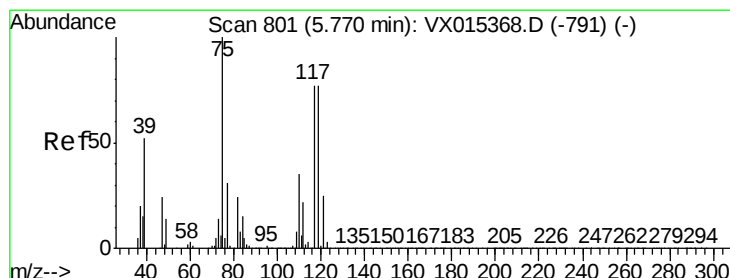
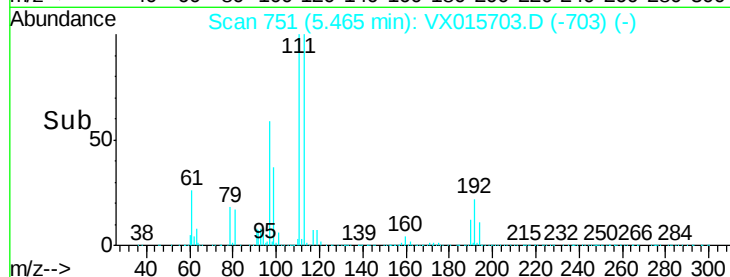
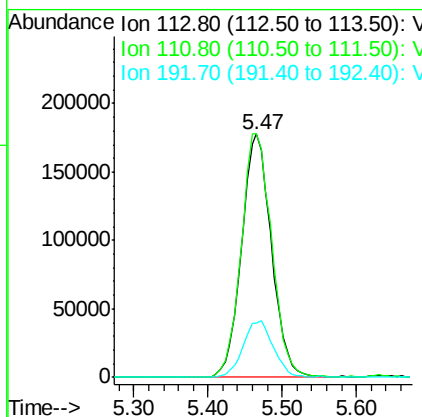
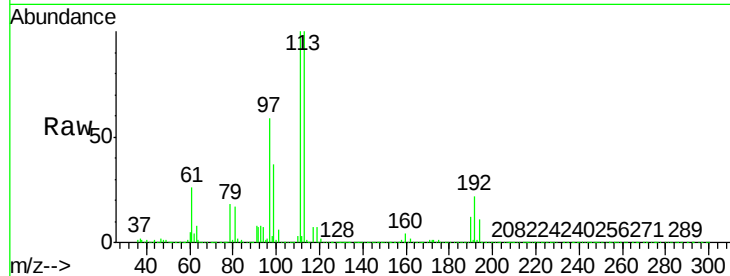
#35
Dibromofluoromethane
Concen: 51.263 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	497955		
111	102.6	81.5	122.3	
192	23.8	17.8	26.6	

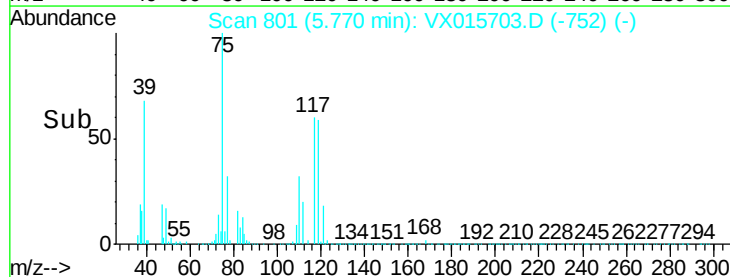
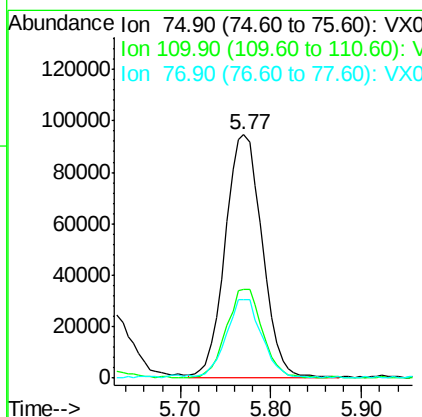
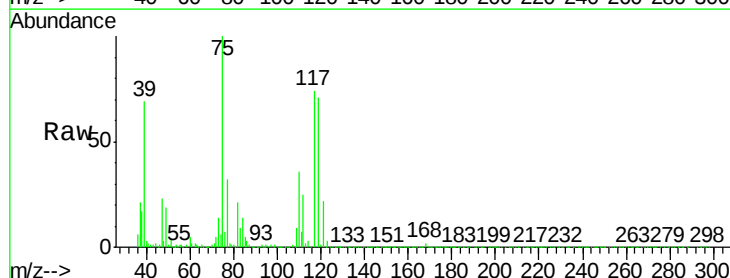
Manual Integrations
APPROVED

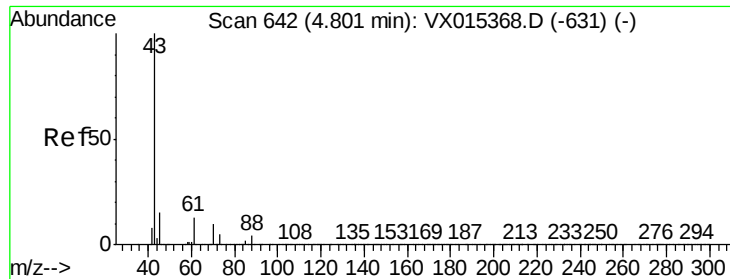
MMDadoda
4/17/2020 11:55:29 AM



#36
1,1-Dichloropropene
Concen: 18.958 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	265439		
110	35.9	17.1	51.3	
77	30.7	24.6	36.8	





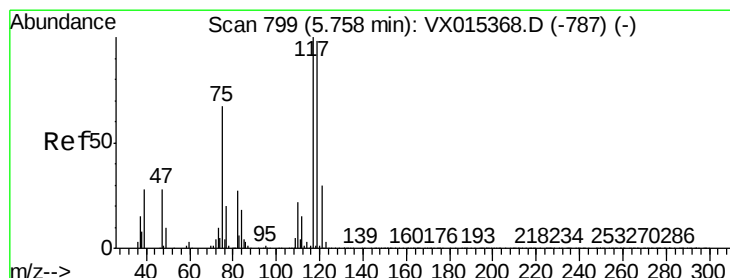
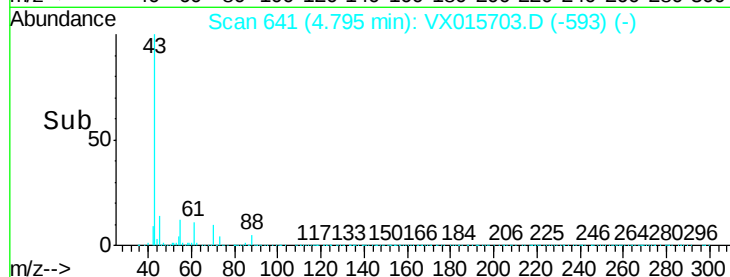
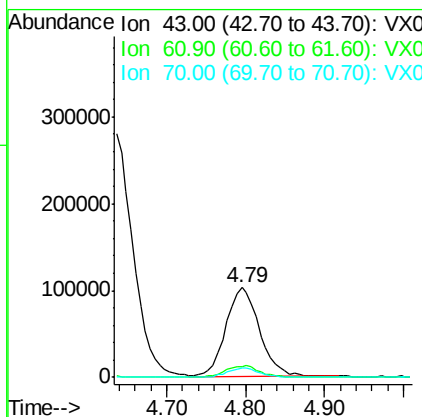
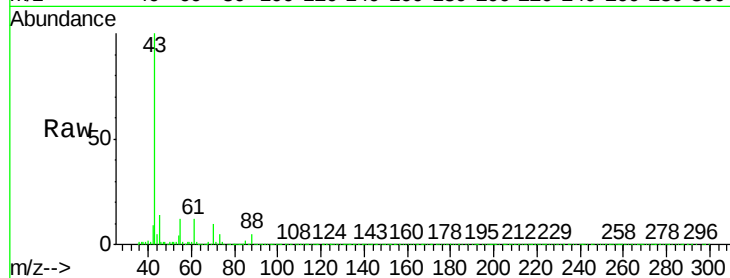
#37
Ethyl Acetate
Concen: 16.630 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	43	Resp	303183
Ion Ratio	Lower	Upper	
43	100		
61	12.0	9.9	14.9
70	10.0	8.1	12.1

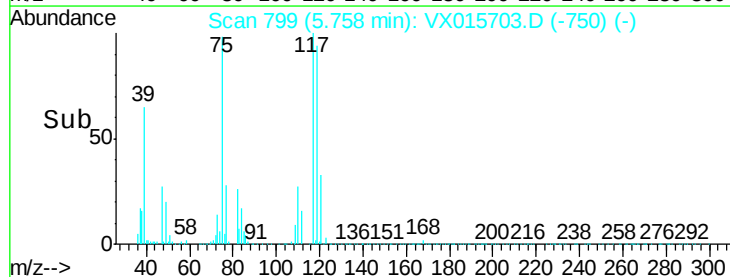
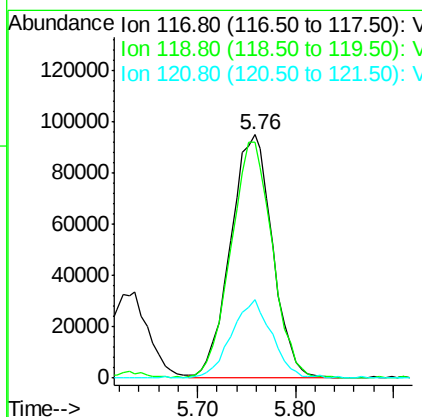
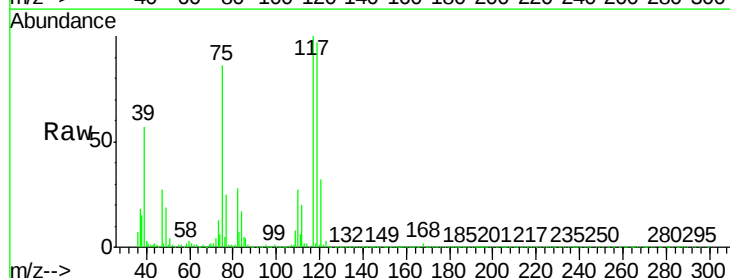
Manual Integrations
APPROVED

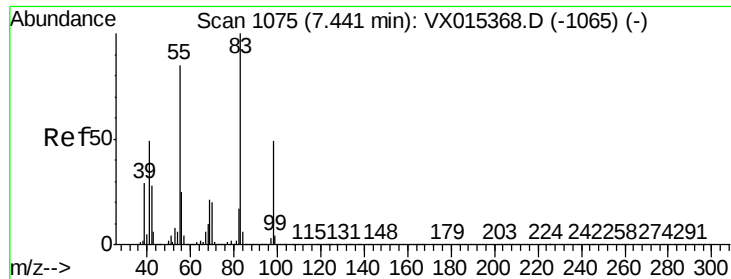
MMDadoda
4/17/2020 11:55:29 AM



#38
Carbon Tetrachloride
Concen: 18.425 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	117	Resp	279422
Ion Ratio	Lower	Upper	
117	100		
119	96.6	78.0	117.0
121	32.3	23.8	35.8





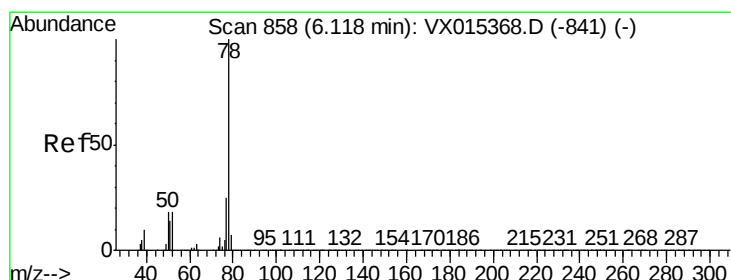
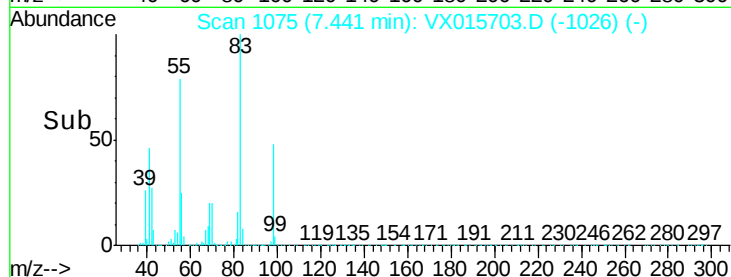
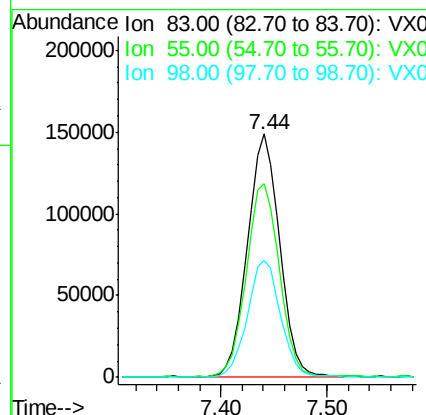
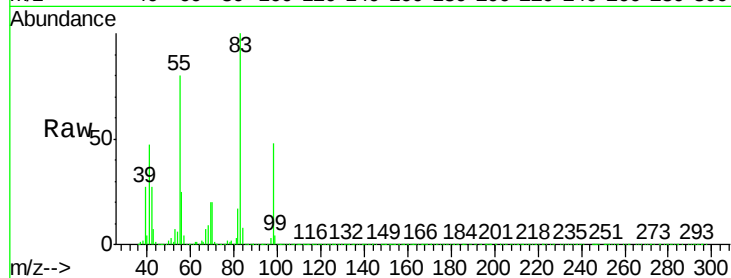
#39
Methvlcvclohexane
Concen: 19.695 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.4	67.8	101.6
98	47.9	39.3	58.9

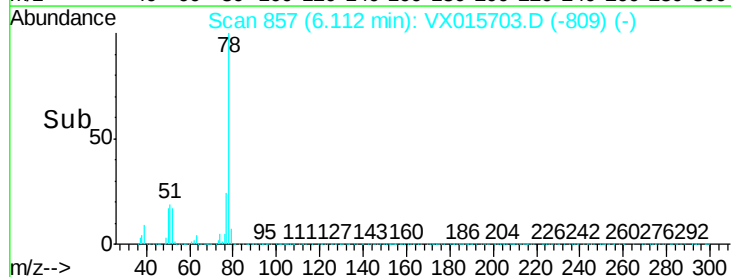
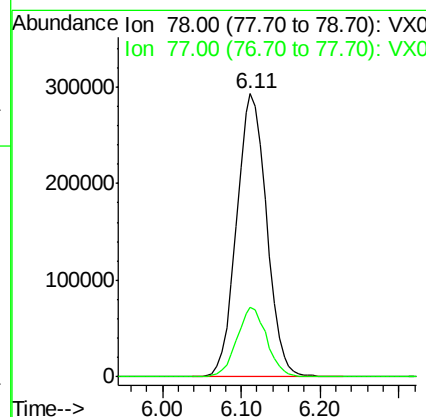
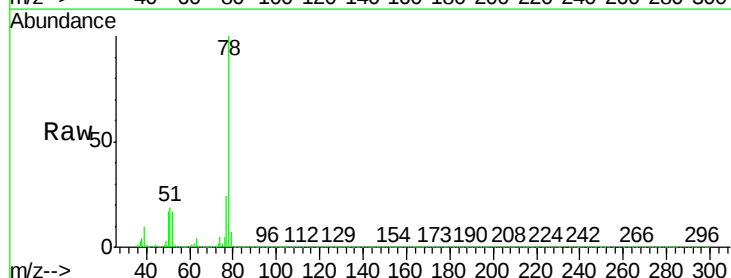
Manual Integrations
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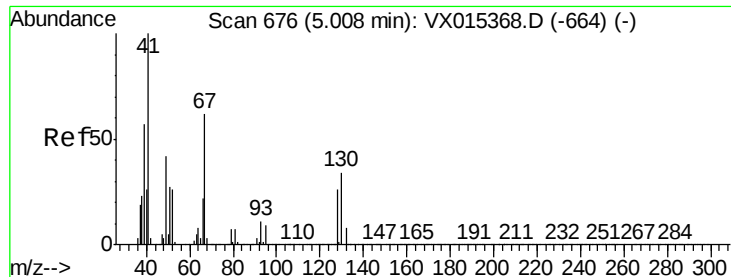
MMDadoda
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#40
Benzene
Concen: 18.800 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.8





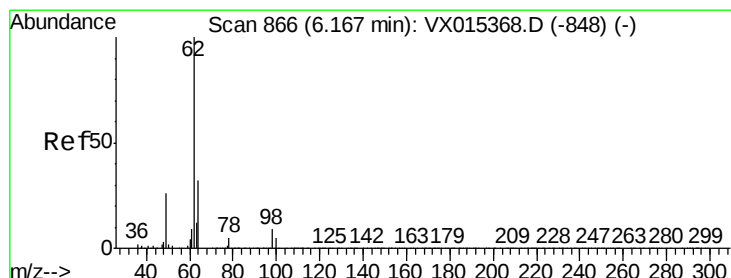
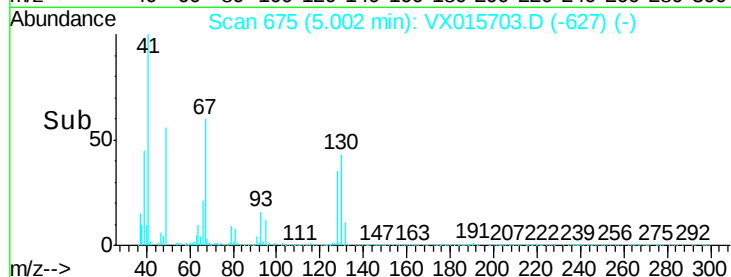
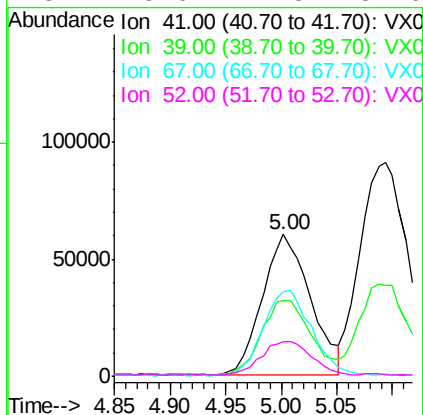
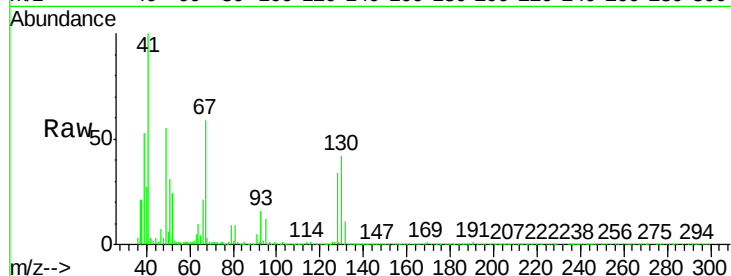
#41
Methacrylonitrile
Concen: 17.780 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	55.0	44.5	66.7		
67	60.8	48.9	73.3		
52	25.6	21.8	32.6		

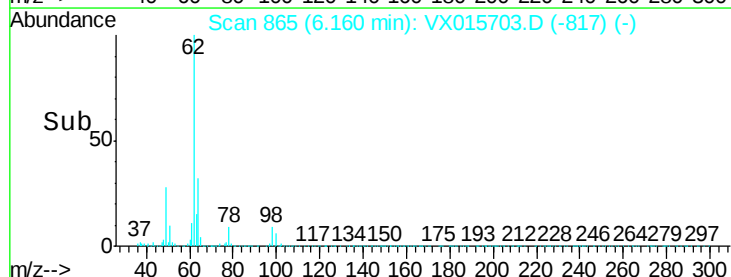
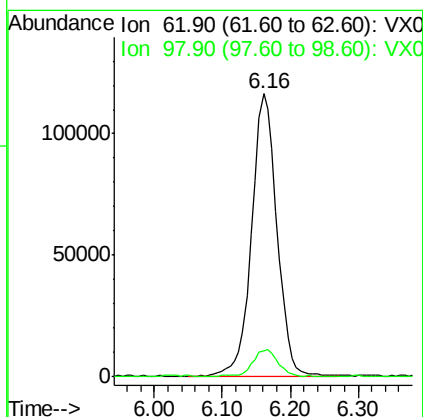
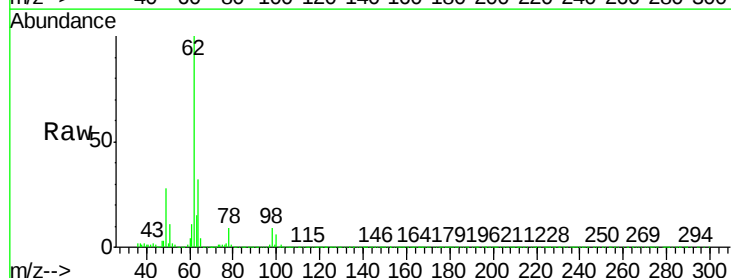
Manual Integrations
APPROVED

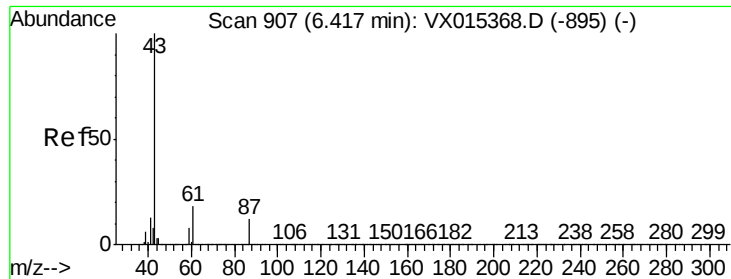
MMDadoda
4/17/2020 11:55:29 AM



#42
1,2-Dichloroethane
Concen: 18.530 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.5	0.0	17.6		





#43

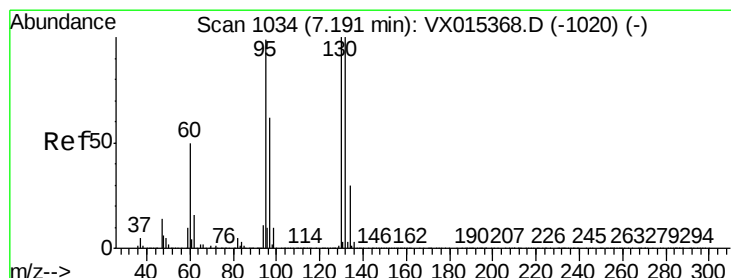
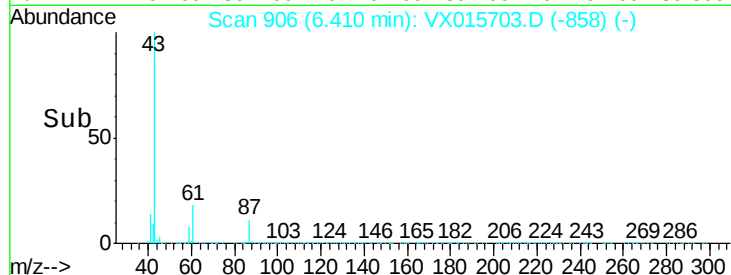
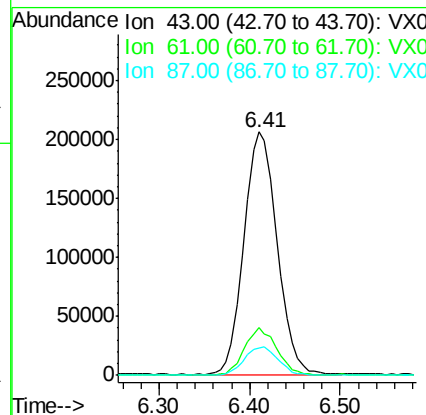
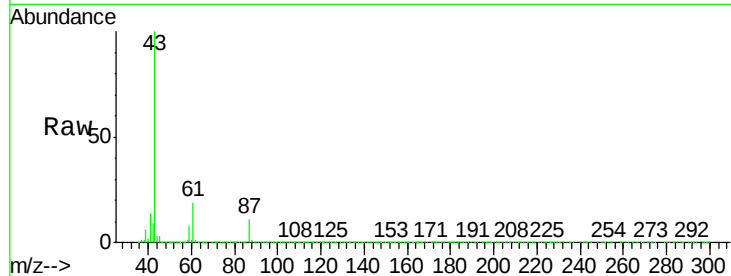
Isopropyl Acetate
 Concen: 16.899 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	11.9	9.4	14.0

Manual Integrations
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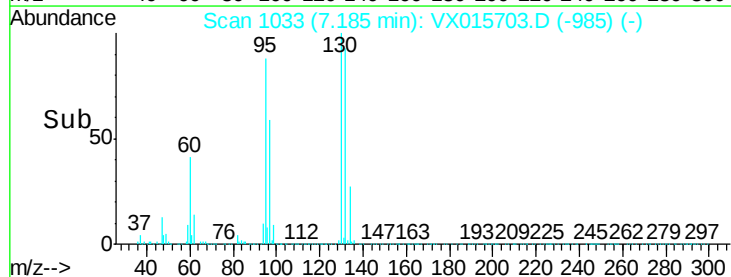
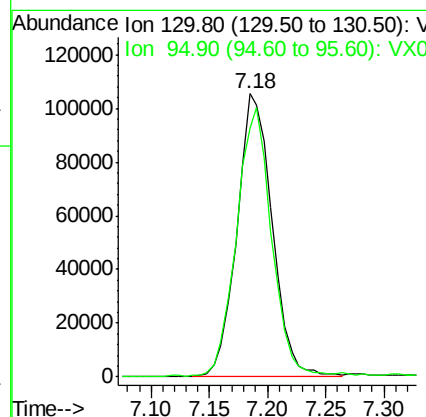
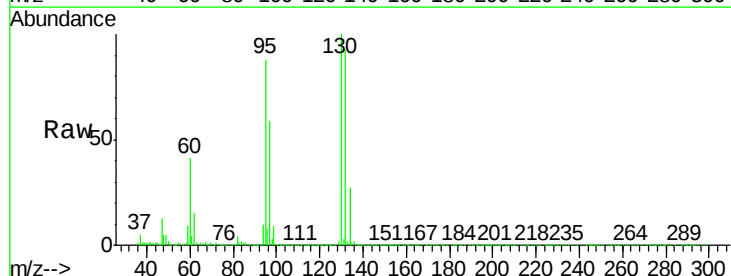
MMDadoda
 4/17/2020 11:55:29 AM

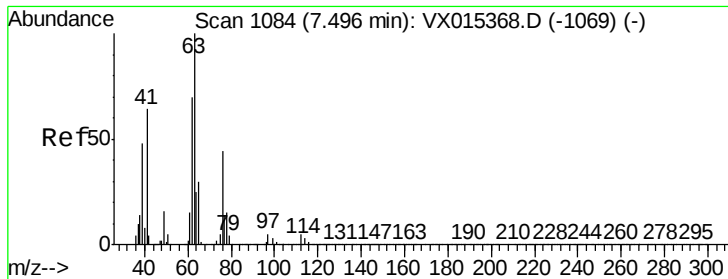


#44

Trichloroethene
 Concen: 19.898 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.4	0.0	199.0





#45

1,2-Dichloropropane

Concen: 18.434 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampled :

VX0416WBS01

Tot Ion: 63 Resp: 206823

Ion Ratio Lower Upper

63 100

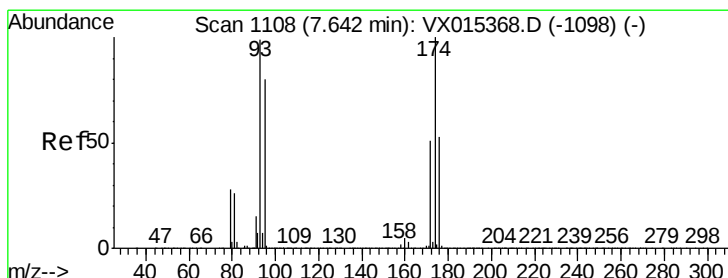
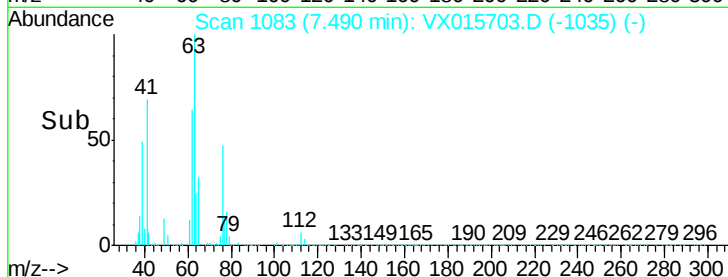
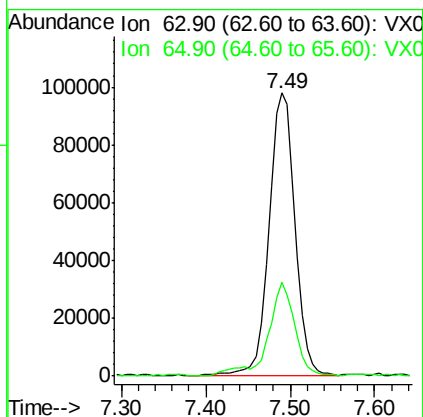
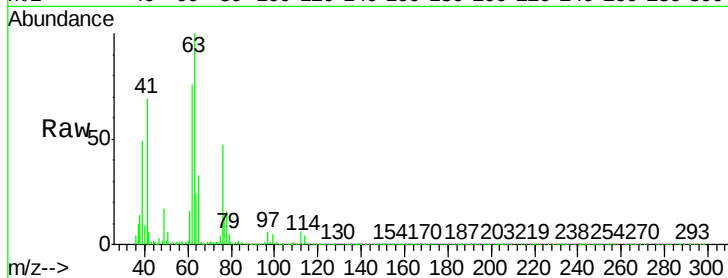
65 33.0 23.9 35.9

Manual Integrations

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MMDadoda

4/17/2020 11:55:29 AM



#46

Dibromomethane

Concen: 18.314 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

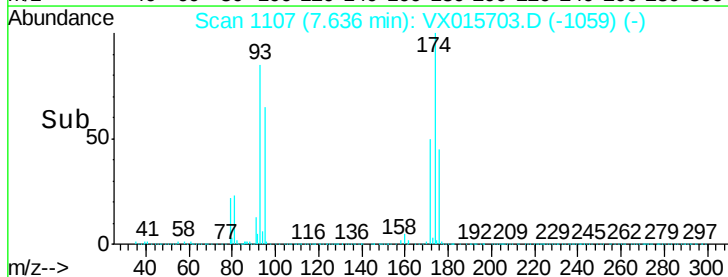
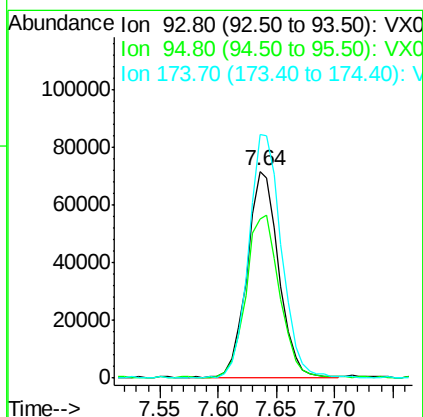
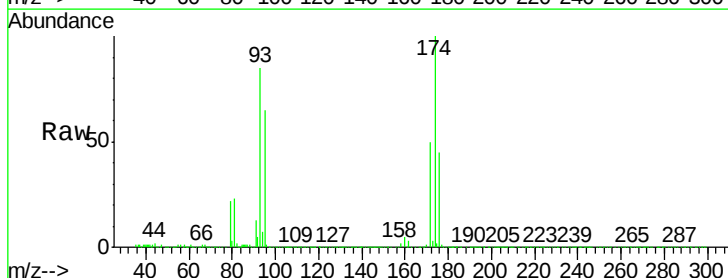
Tgt Ion: 93 Resp: 134793

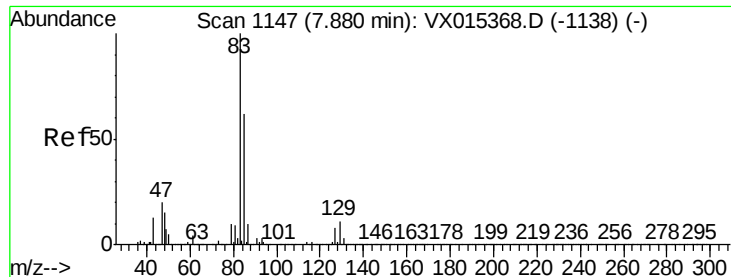
Ion Ratio Lower Upper

93 100

95 83.5 65.8 98.8

174 123.1 86.2 129.2





#47

Bromodichloromethane

Concen: 18.161 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

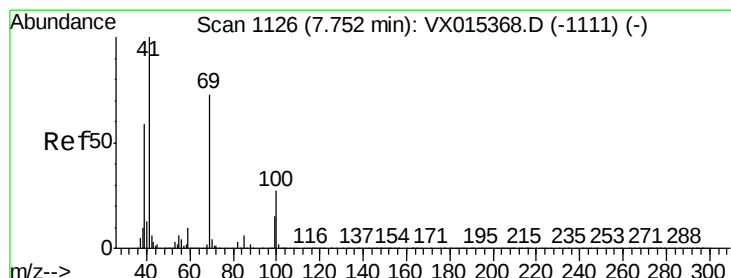
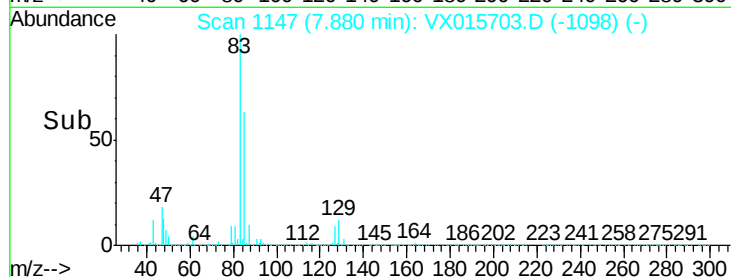
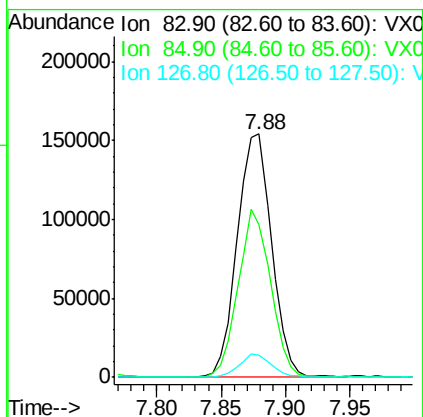
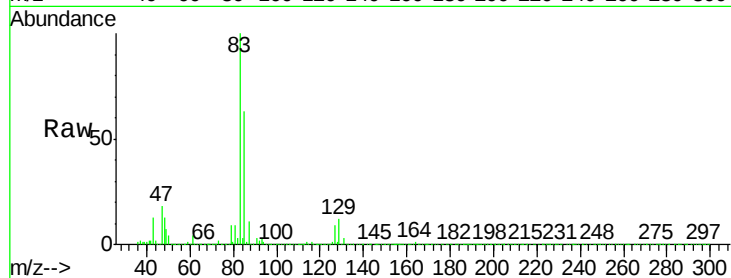
ClientSampleId :

VX0416WBS01

Tot Ion:	83	Resp:	284806
Ion Ratio	Lower	Upper	
83	100		
85	62.7	49.7	74.5
127	9.0	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.117 ug/l

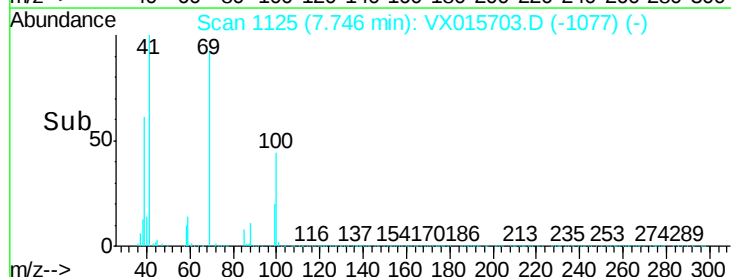
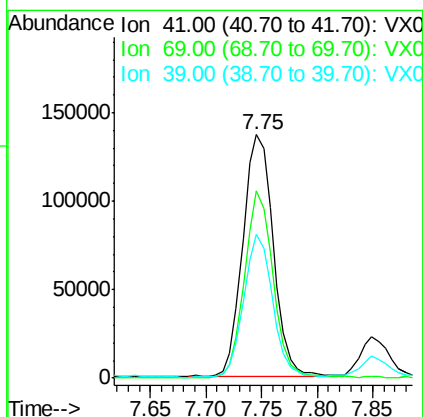
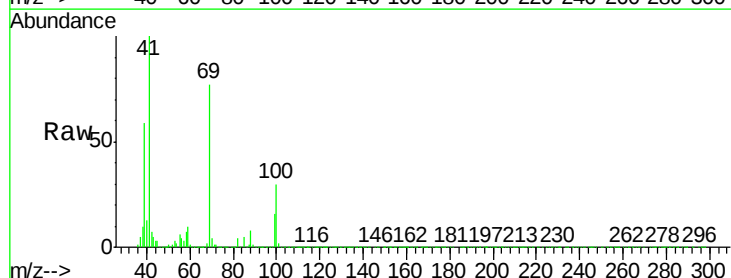
RT: 7.75 min Scan# 1125

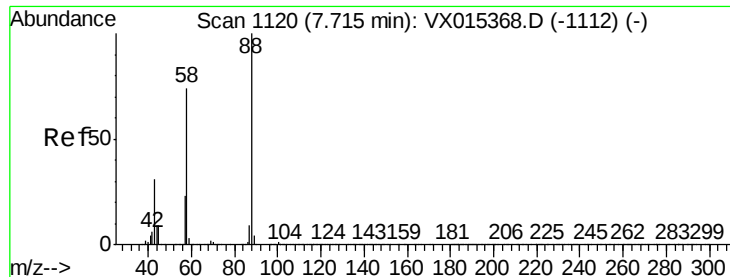
Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	41	Resp:	263118
Ion Ratio	Lower	Upper	
41	100		
69	72.1	56.7	85.1
39	55.7	46.5	69.7





#49

1,4-Dioxane

Concen: 344.836 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

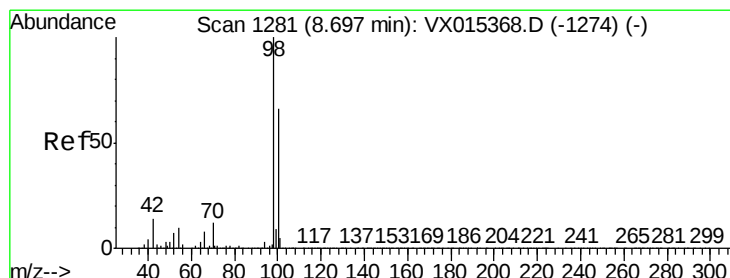
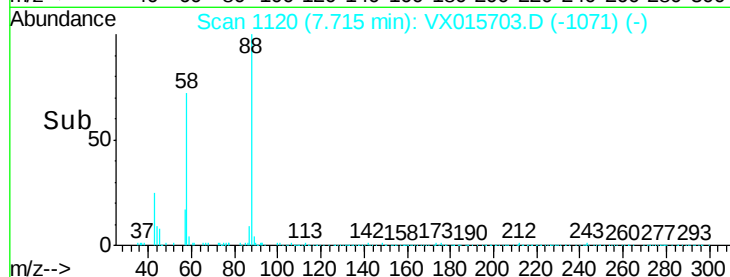
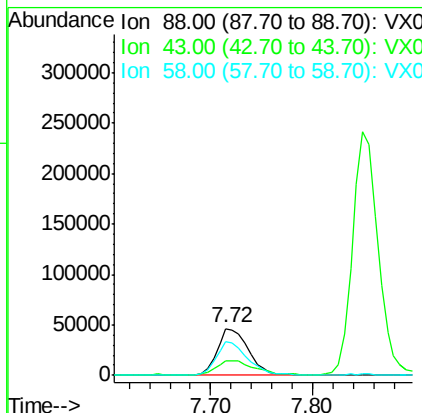
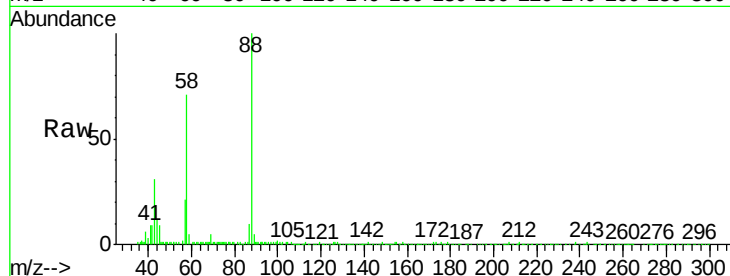
ClientSampleId :

VX0416WBS01

Tot Ion:	88	Resp:	98887
Ion Ratio	Lower	Upper	
88	100		
43	36.8	30.1	45.1
58	70.5	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 51.002 ug/l

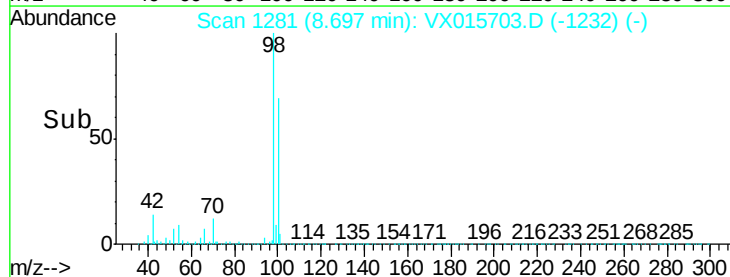
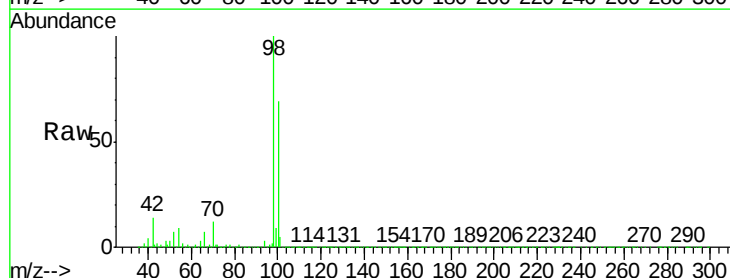
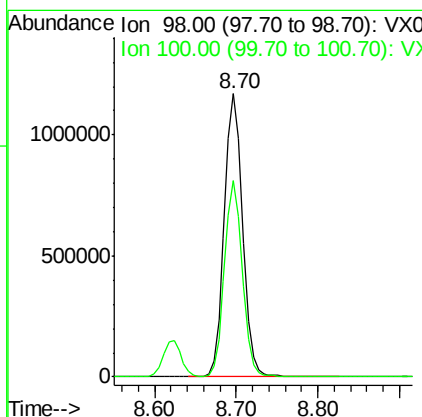
RT: 8.70 min Scan# 1281

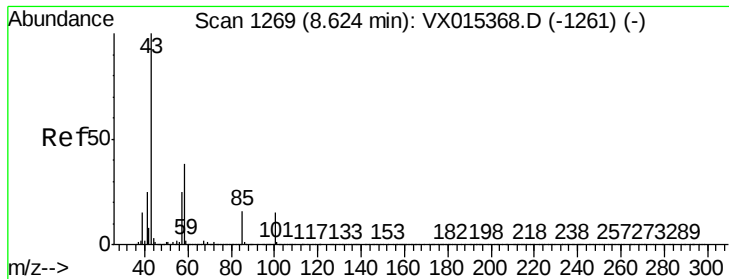
Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	98	Resp:	1823985
Ion Ratio	Lower	Upper	
98	100		
100	67.4	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 88.912 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 43 Resp: 1550722

Ion Ratio Lower Upper

43 100

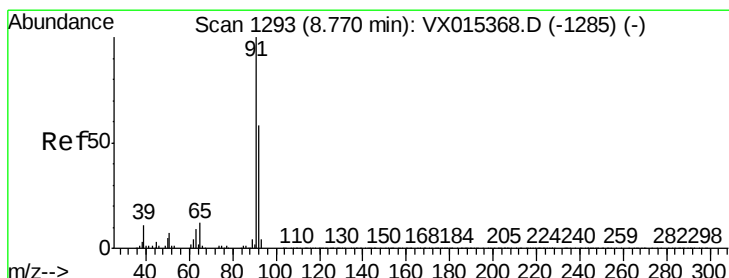
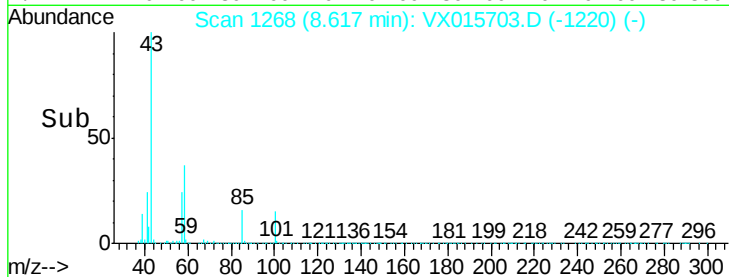
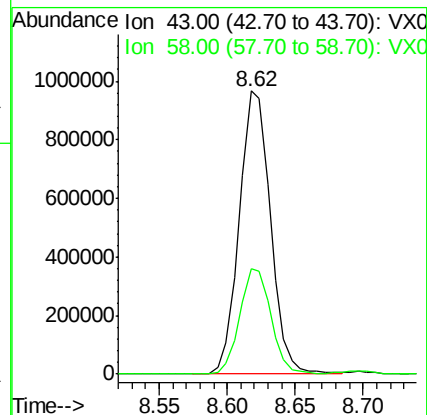
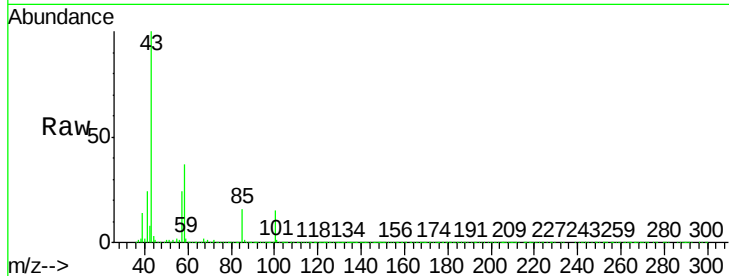
58 37.3 29.7 44.5

Manual Integrations

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MMDadoda

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#52

Toluene

Concen: 19.613 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015703.D

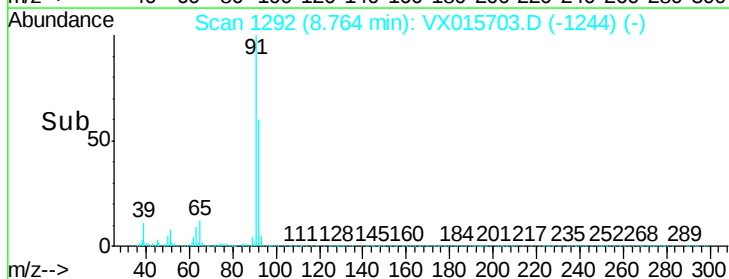
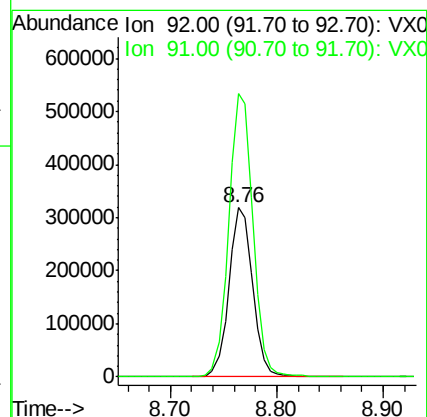
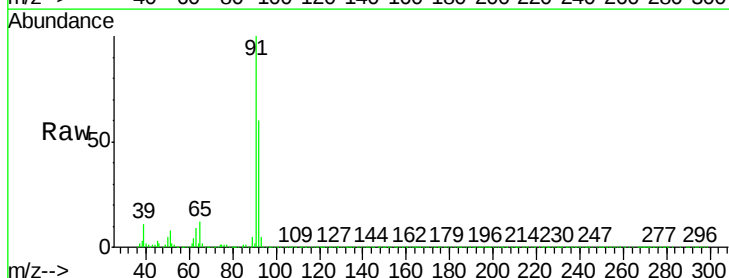
Acq: 16 Apr 2020 11:39

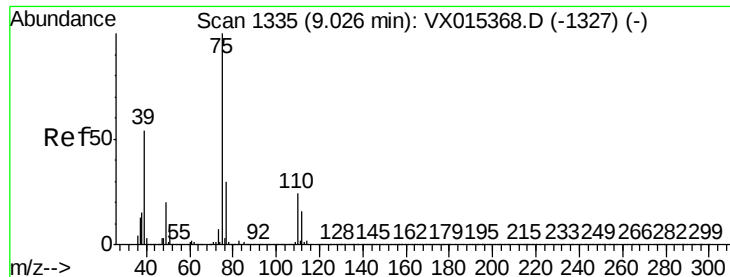
Tgt Ion: 92 Resp: 495949

Ion Ratio Lower Upper

92 100

91 170.5 136.6 205.0





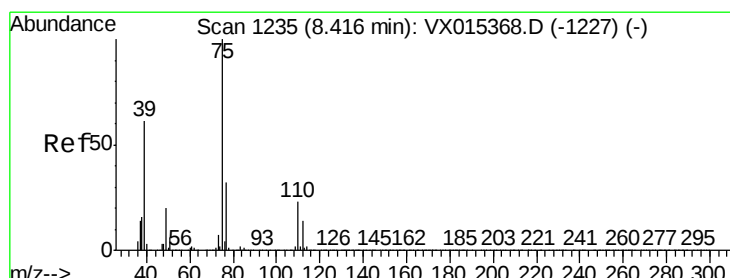
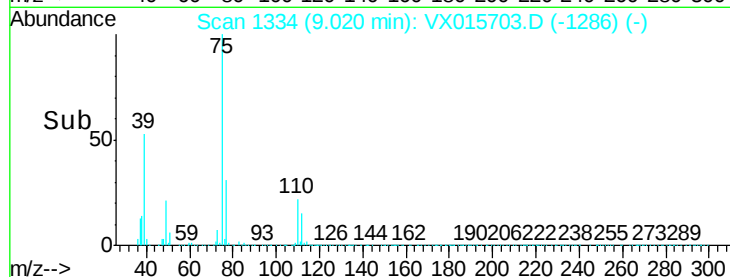
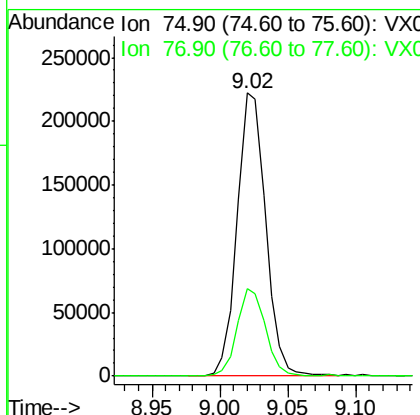
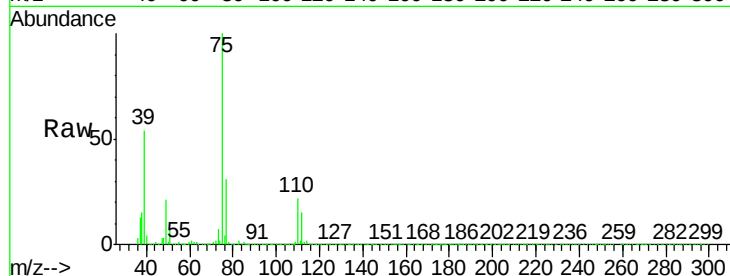
#53
t-1,3-Dichloropropene
Concen: 17.622 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	24.1	36.1

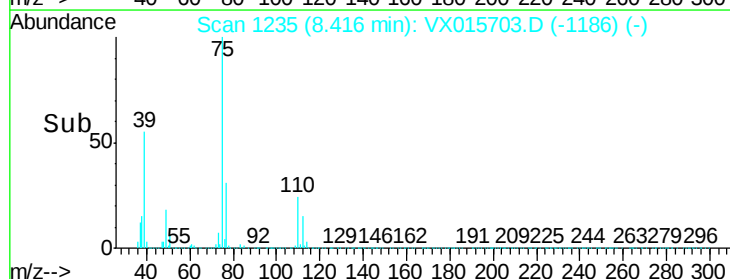
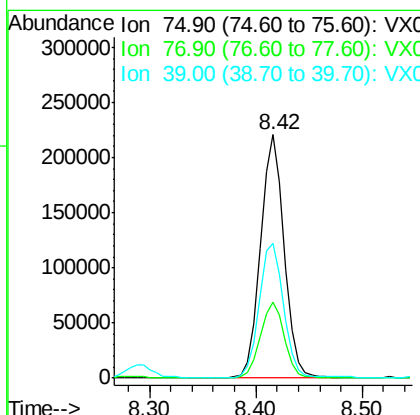
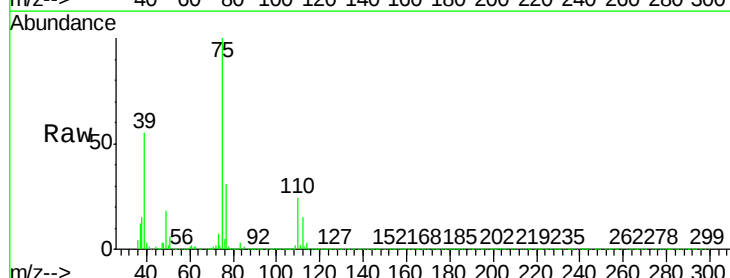
Manual Integrations
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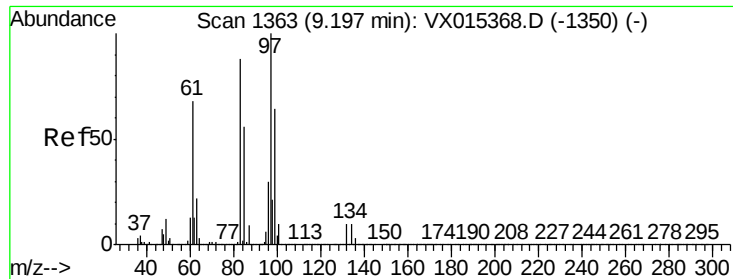
MMDadoda
4/17/2020 11:55:29 AM



#54
cis-1,3-Dichloropropene
Concen: 18.339 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.8	38.6
39	55.3	49.0	73.4





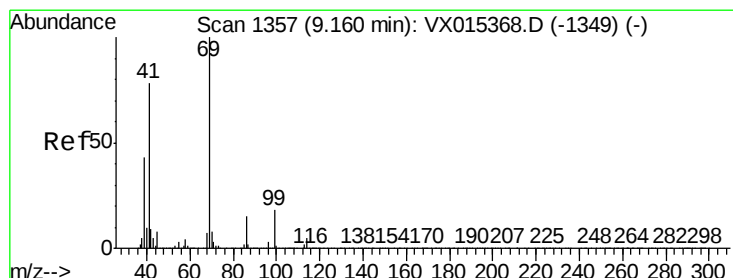
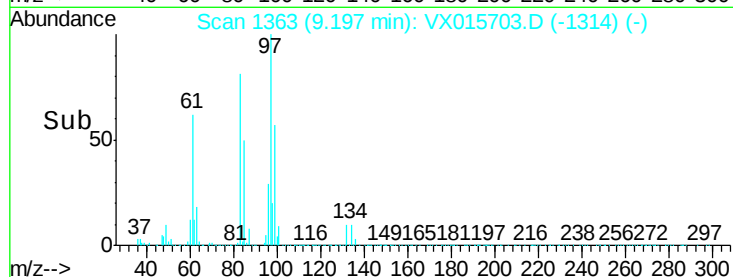
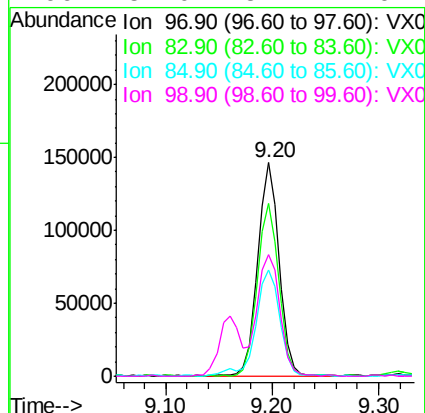
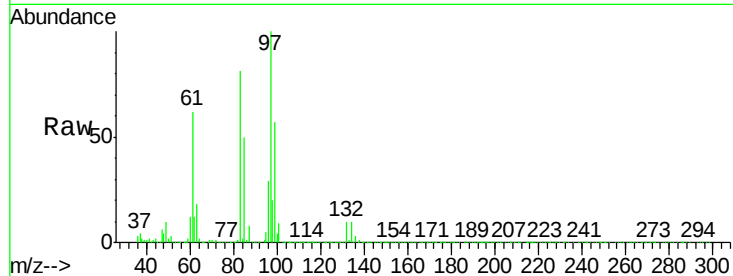
#55
 1,1,2-Trichloroethane
 Concen: 20.046 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		207679		
83	80.8	70.2	105.4		
85	49.6	44.7	67.1		
99	57.0	51.1	76.7		

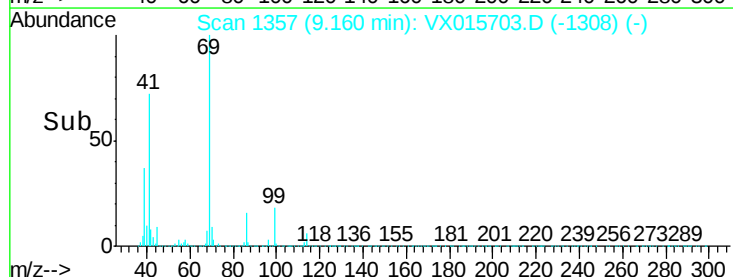
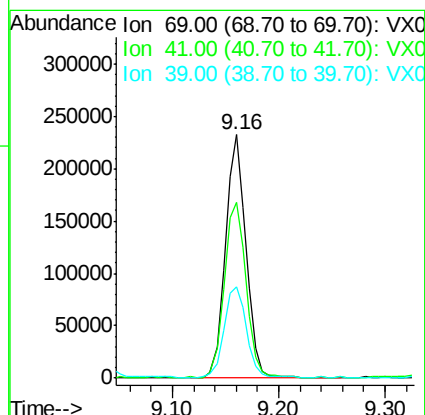
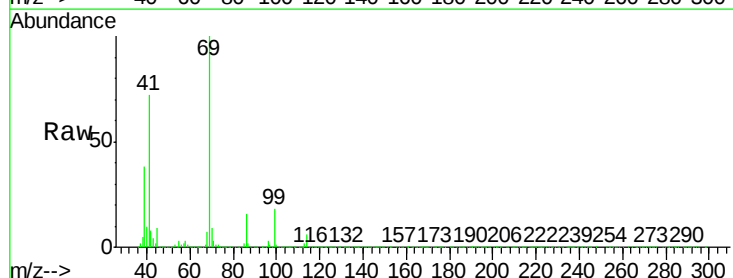
Manual Integrations
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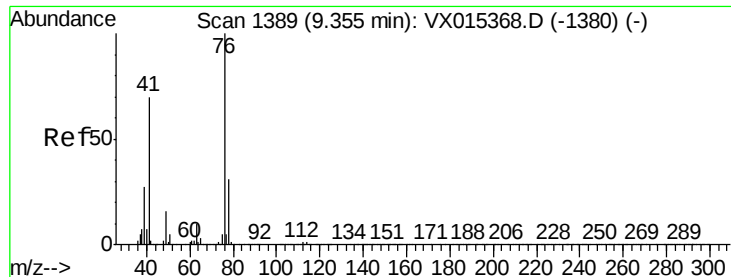
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#56
 Ethyl methacrylate
 Concen: 17.209 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		314201		
41	76.1	61.6	92.4		
39	40.8	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.479 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 76 Resp: 344911

Ion Ratio Lower Upper

76 100

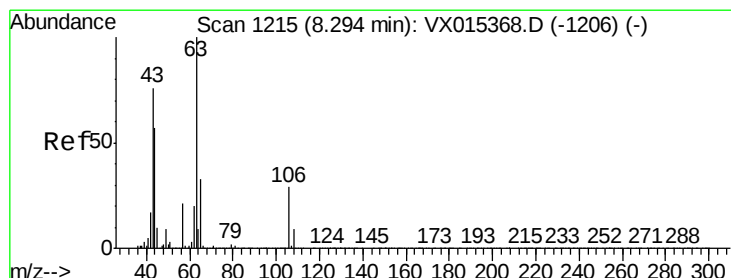
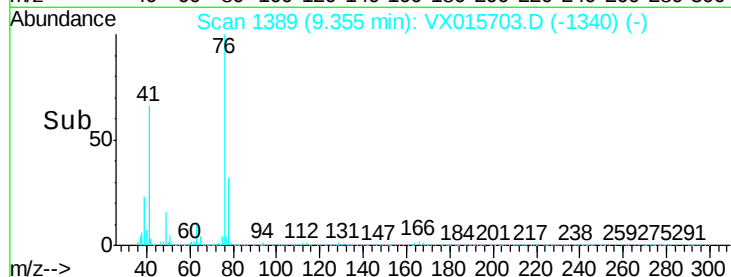
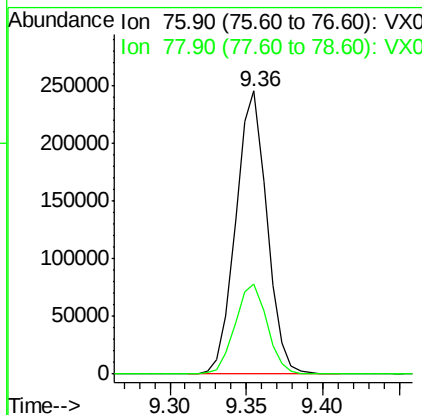
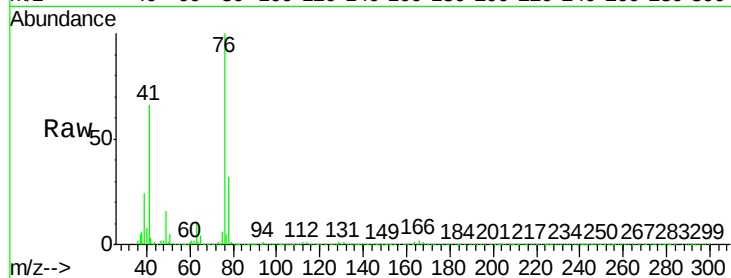
78 33.5 25.8 38.8

Manual Integrations

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MMDadoda

4/17/2020 11:55:29 AM



#58

2-Chloroethyl Vinyl ether

Concen: 92.236 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015703.D

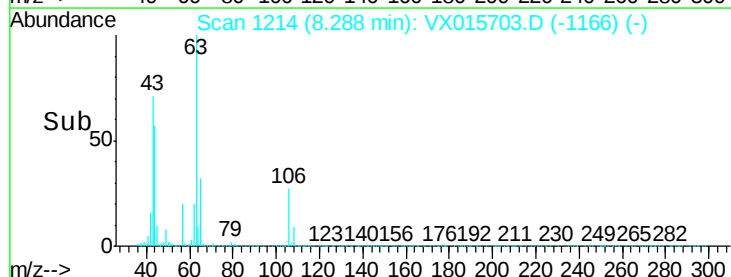
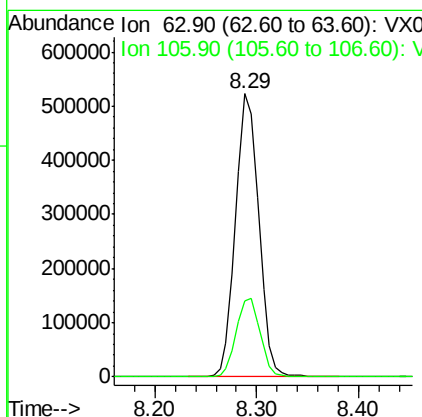
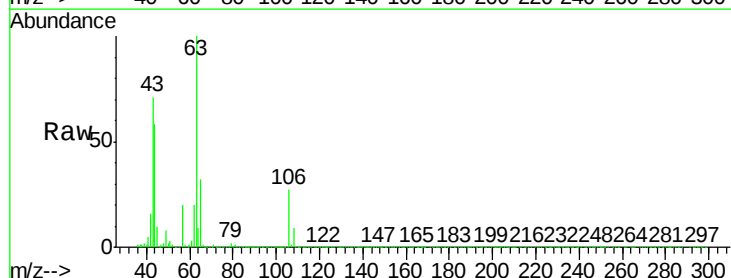
Acq: 16 Apr 2020 11:39

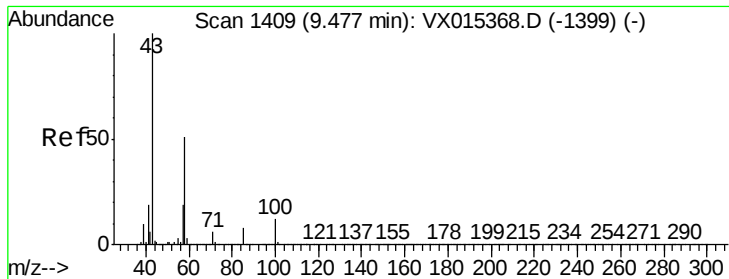
Tgt Ion: 63 Resp: 819124

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1





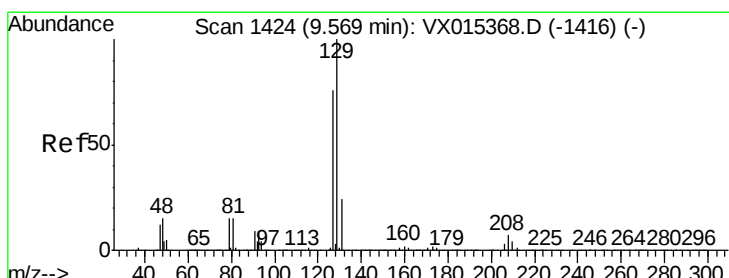
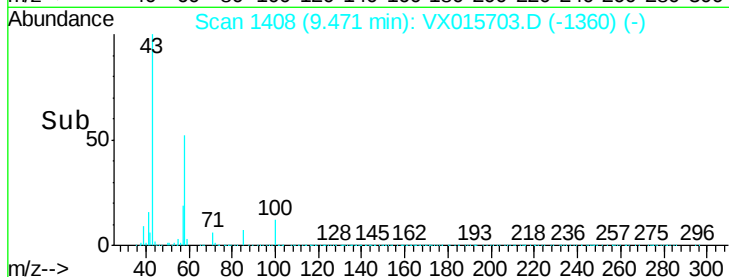
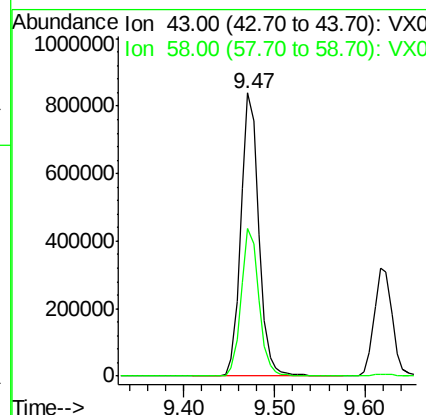
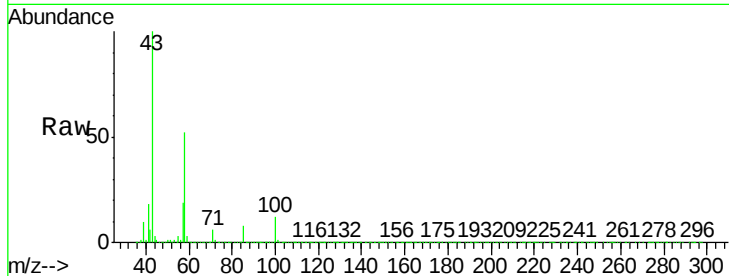
#59
2-Hexanone
Concen: 86.996 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 43 Resp: 1145531
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.6

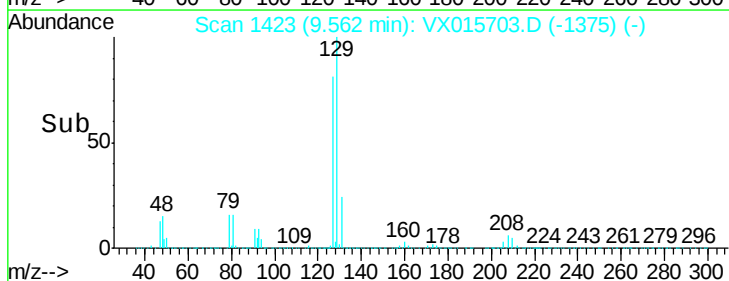
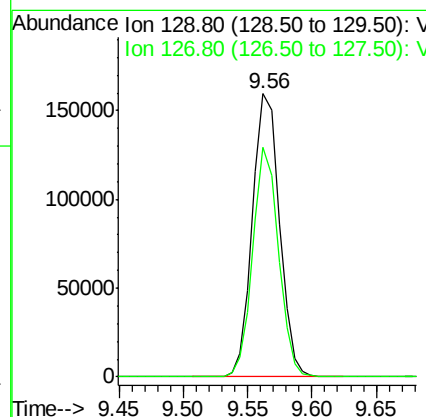
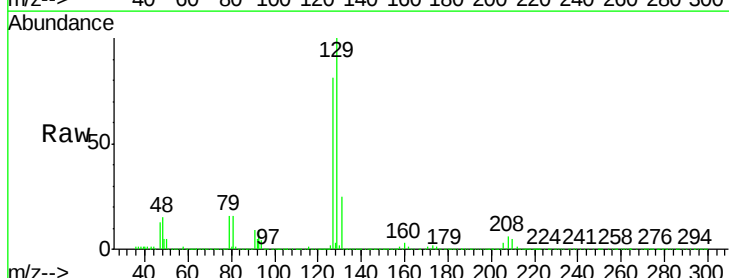
Manual Integrations
APPROVED

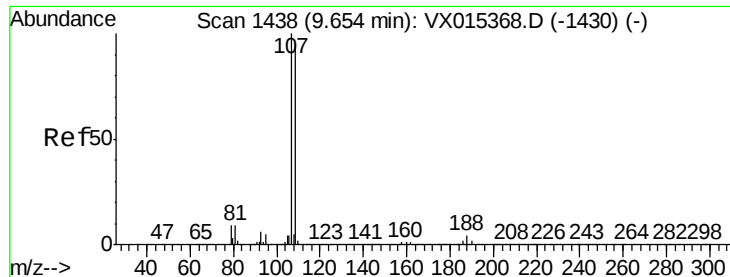
MMDadoda
4/17/2020 11:55:29 AM



#60
Dibromochloromethane
Concen: 18.458 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion: 129 Resp: 229779
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6





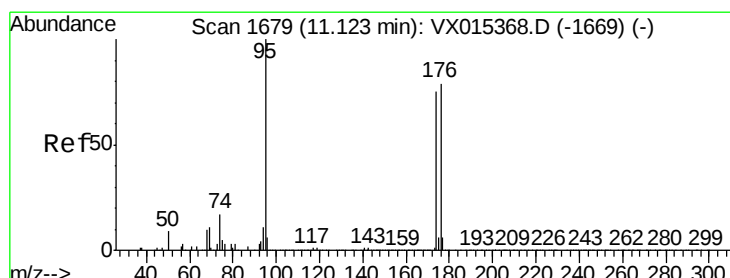
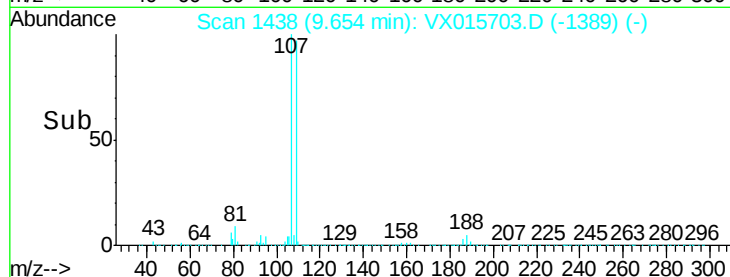
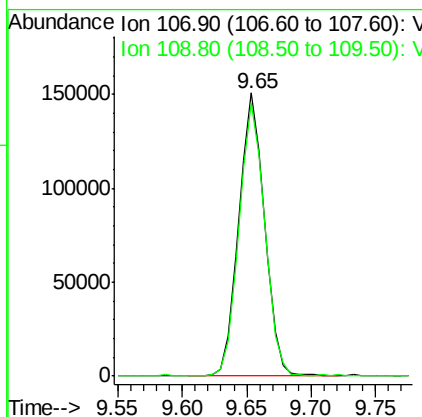
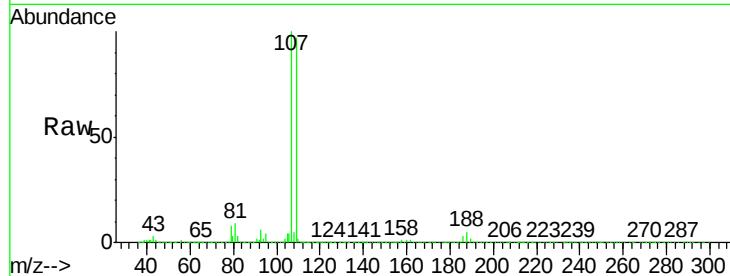
#61
 1,2-Dibromoethane
 Concen: 18.484 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	208215		
109	96.4	74.8	112.2	

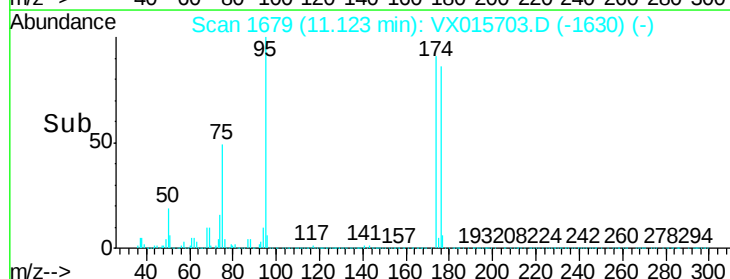
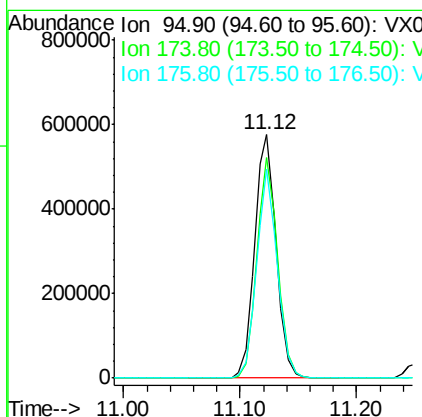
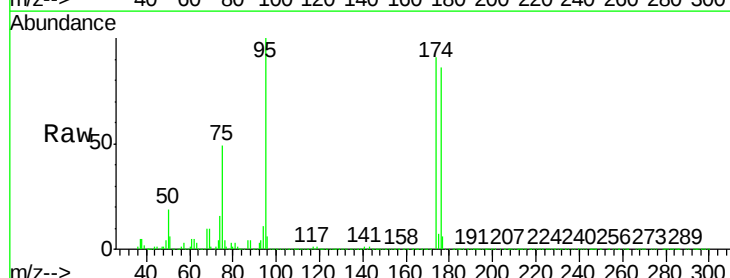
Manual Integrations
 APPROVED

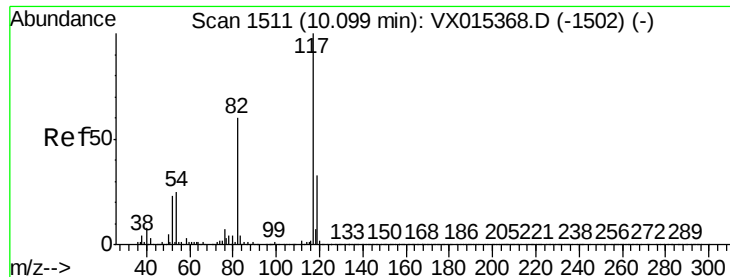
MMDadoda
 4/17/2020 11:55:29 AM



#62
 4-Bromofluorobenzene
 Concen: 50.771 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	737926		
174	87.9	0.0	158.6	
176	82.4	0.0	159.0	





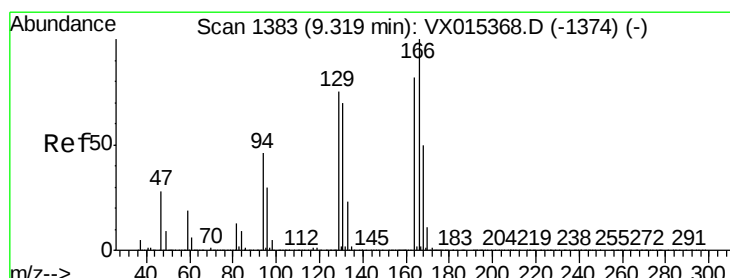
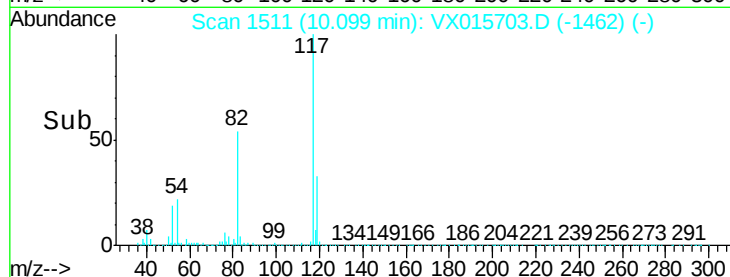
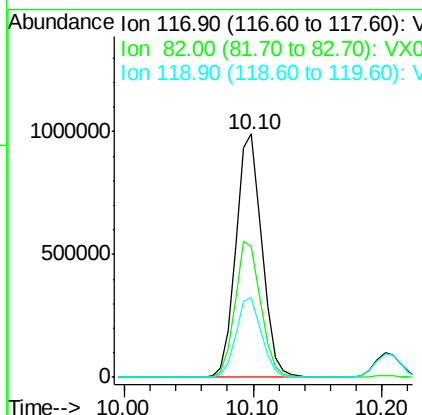
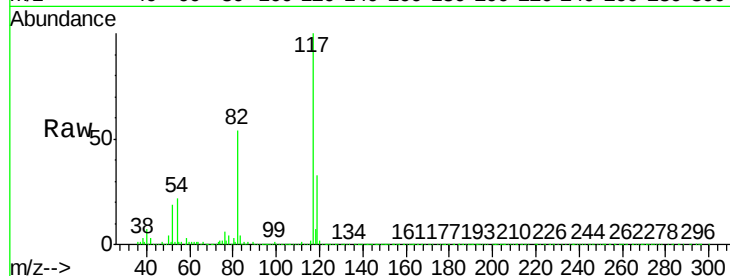
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	47.8	71.8
119	32.9	26.8	40.2

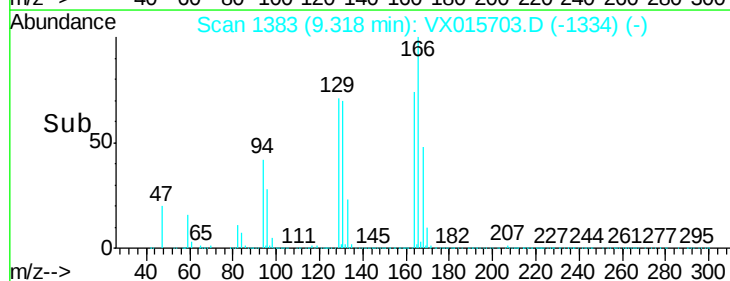
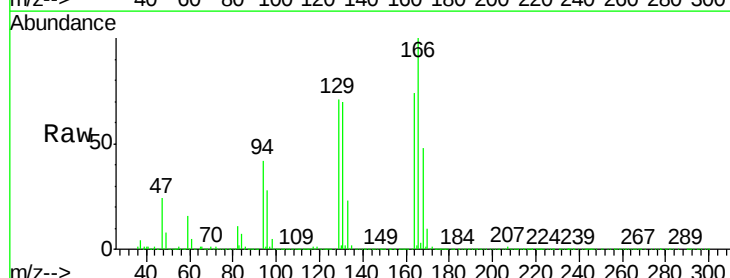
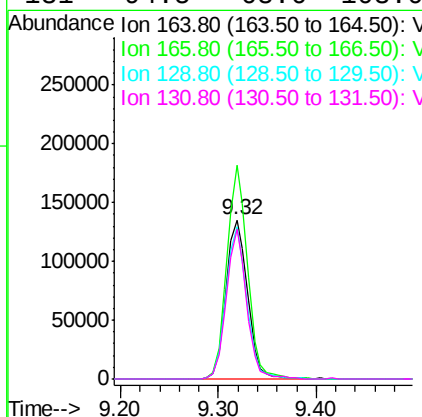
Manual Integrations
APPROVED

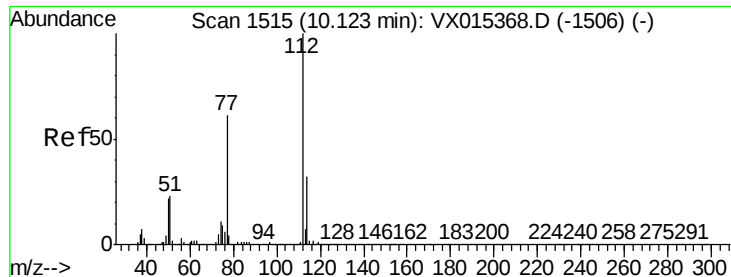
MMDadoda
4/17/2020 11:55:29 AM



#64
Tetrachloroethene
Concen: 19.889 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.4	97.8	146.6
129	95.8	73.0	109.4
131	94.5	68.6	103.0





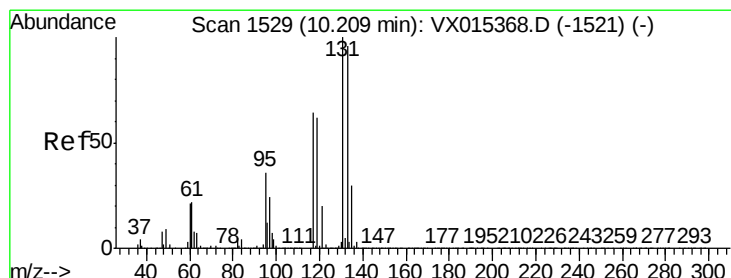
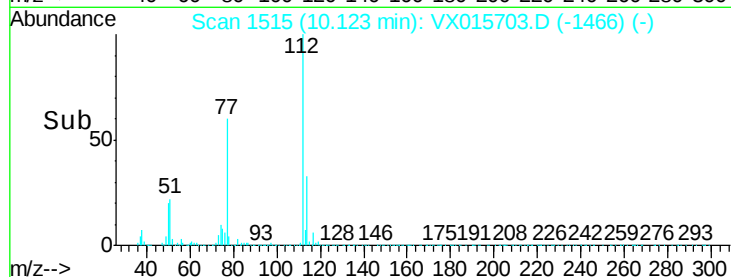
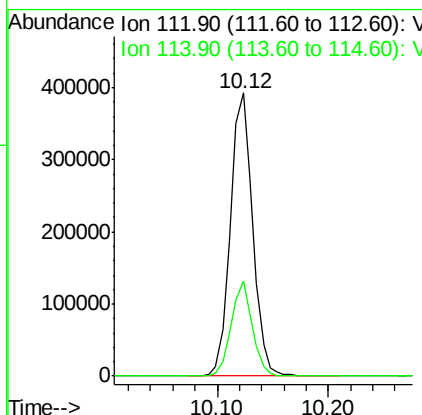
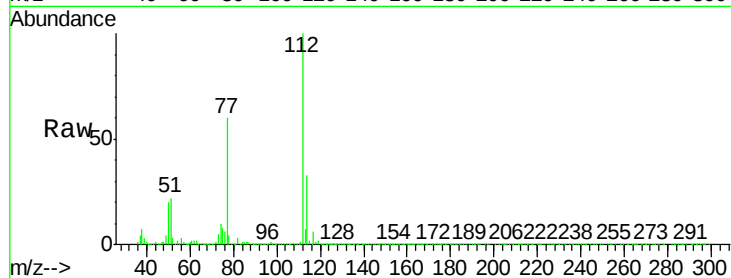
#65
Chlorobenzene
Concen: 19.636 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.4	25.5	38.3

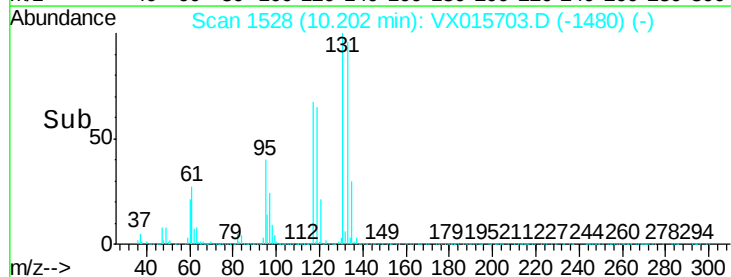
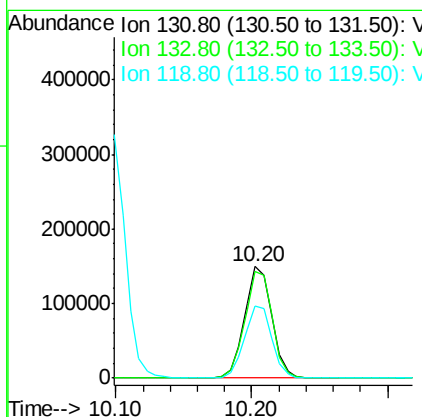
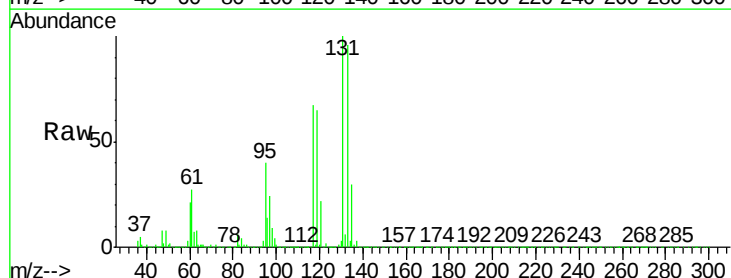
Manual Integrations
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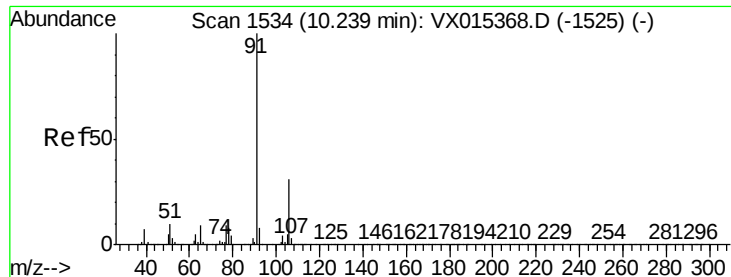
MMDadoda
4/17/2020 11:55:29 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.027 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.6	142.9
119	64.9	31.1	93.3





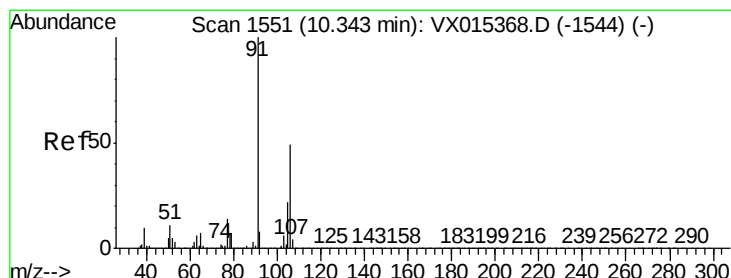
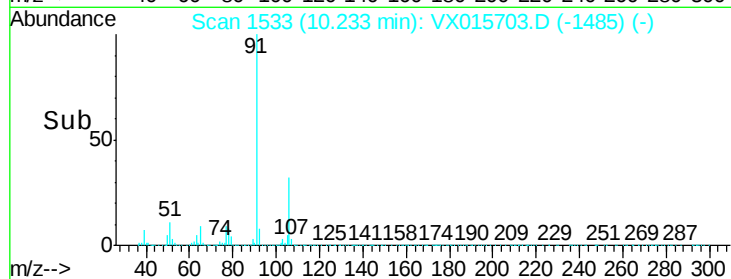
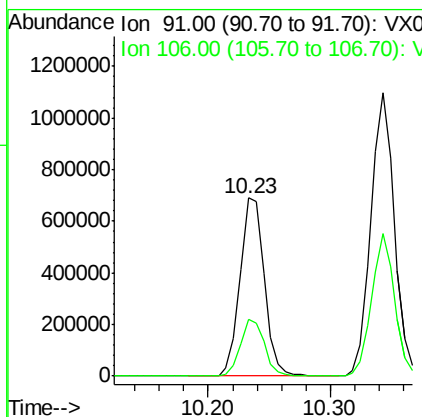
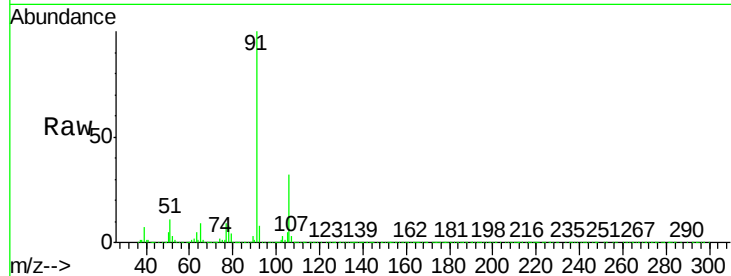
#67
Ethyl Benzene
Concen: 19.439 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion: 91 Resp: 950643
Ion Ratio Lower Upper
91 100
106 31.7 24.8 37.2

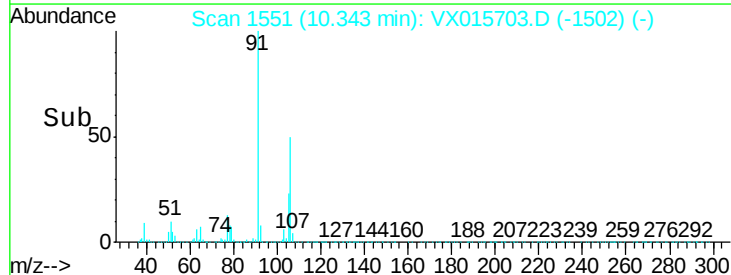
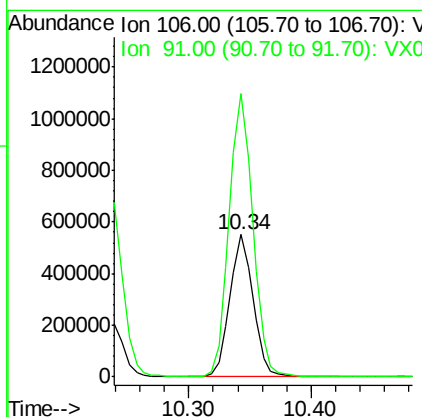
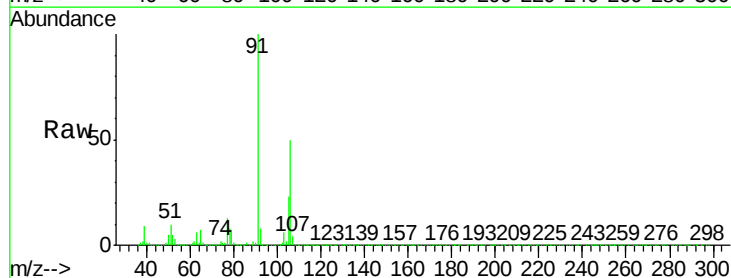
Manual Integrations
APPROVED

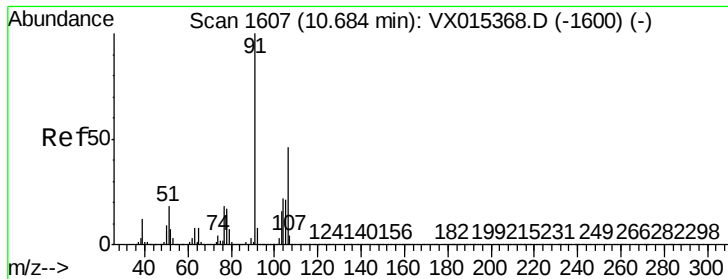
MMDadoda
4/17/2020 11:55:29 AM



#68
m/p-Xylenes
Concen: 39.708 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion: 106 Resp: 723109
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.0





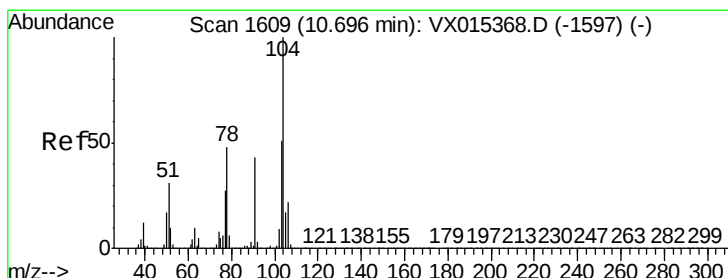
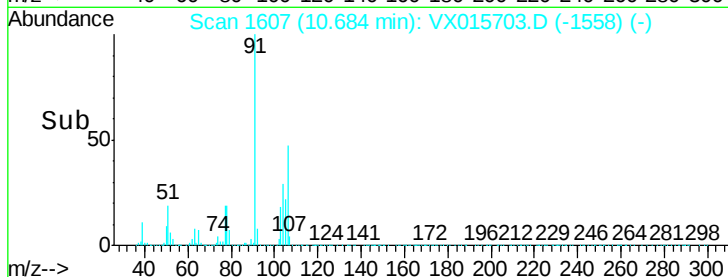
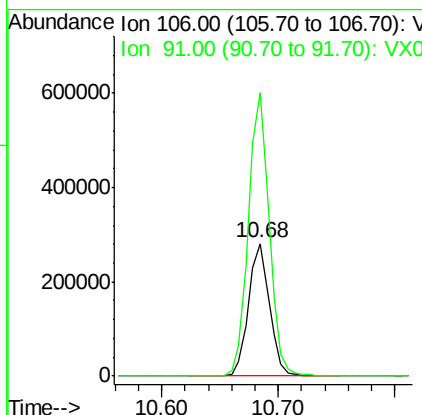
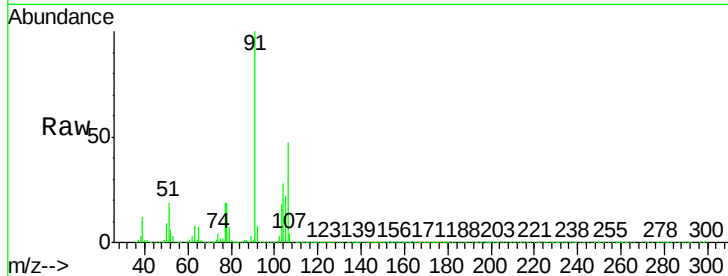
#69
o-Xylene
Concen: 19.871 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	357580		
91	211.1	107.1	321.3	

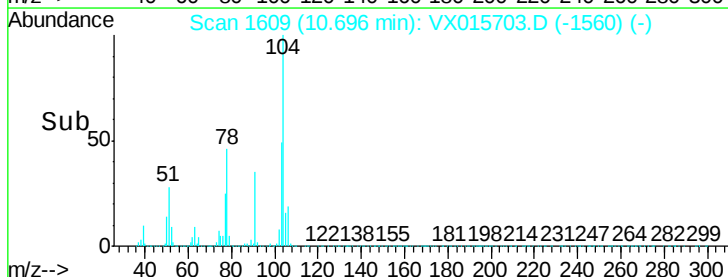
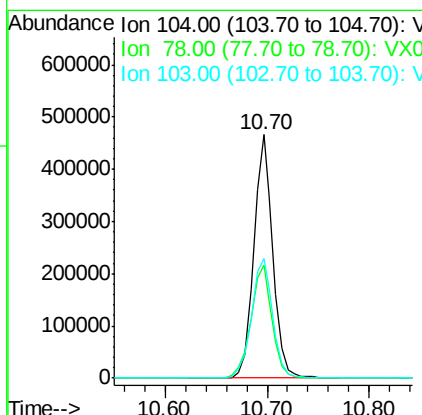
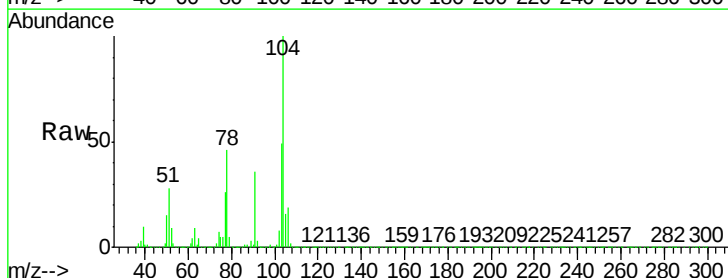
Manual Integrations
APPROVED

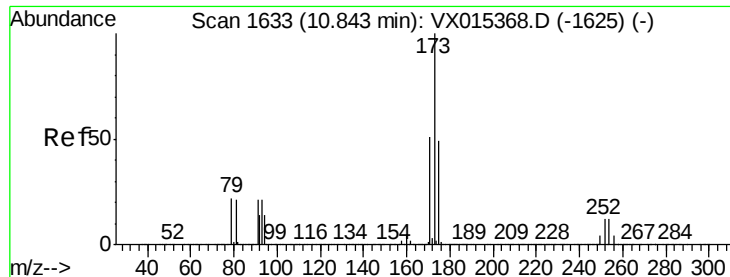
MMDadoda
4/17/2020 11:55:29 AM



#70
Styrene
Concen: 19.120 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	605443		
78	51.5	42.0	63.0	
103	54.9	43.4	65.0	





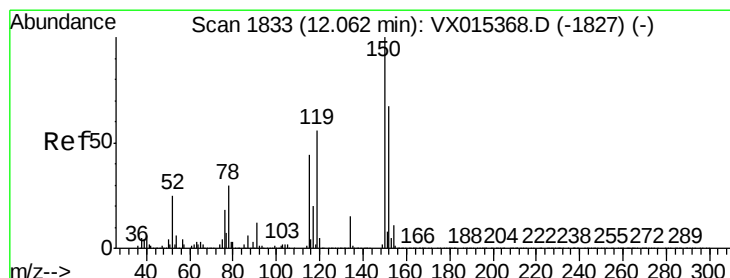
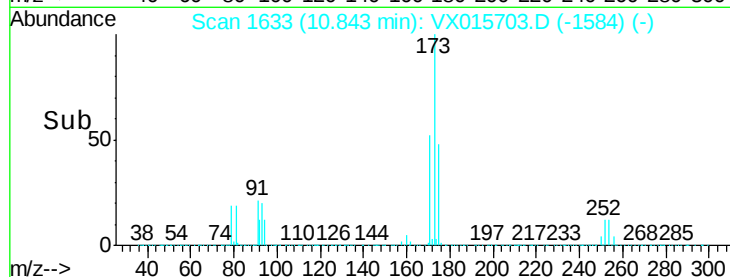
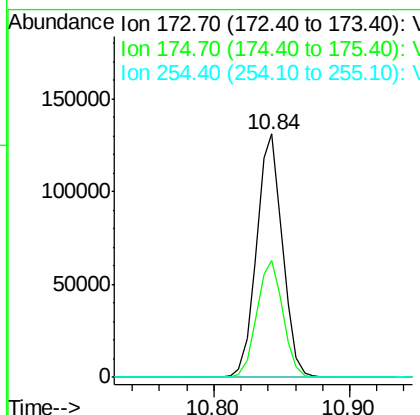
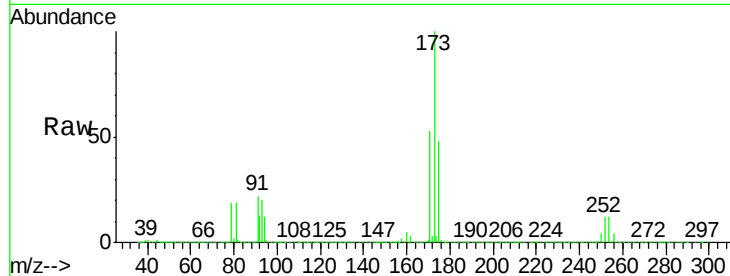
#71
Bromoform
Concen: 17.486 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
173	100		
175	48.5	23.9	71.7
254	0.3	0.1	0.1#

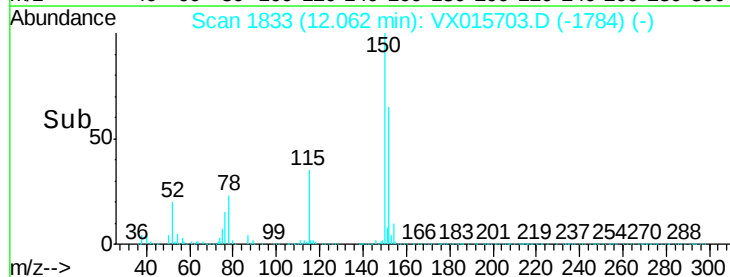
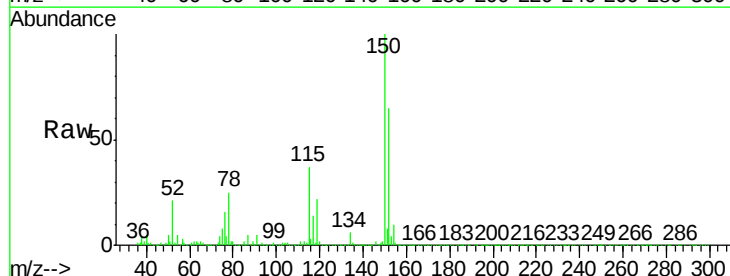
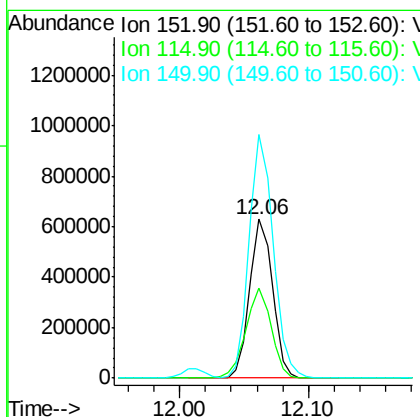
Manual Integrations
APPROVED

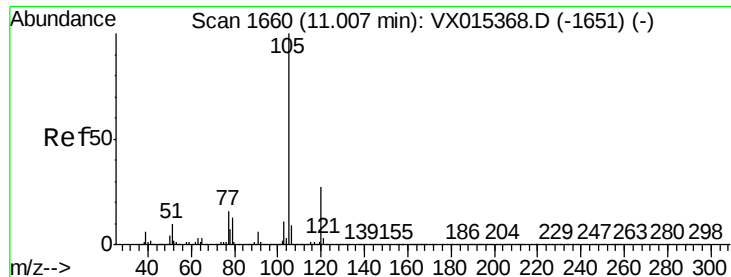
MMDadoda
4/17/2020 11:55:29 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
152	100		
115	62.2	39.0	116.9
150	161.8	0.0	340.8





#73

Isopropylbenzene

Concen: 18.887 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 105 Resp: 950825

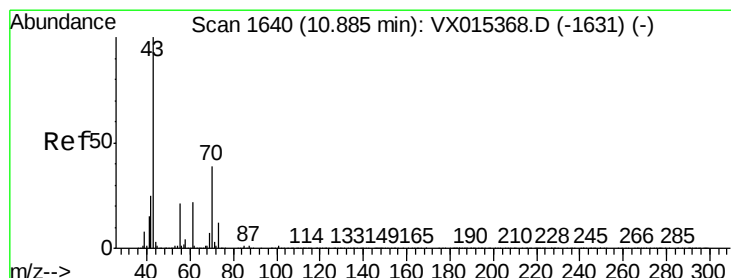
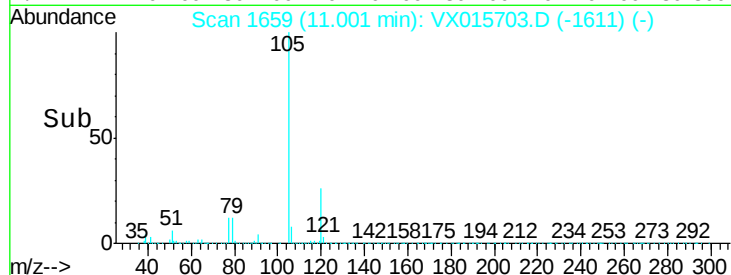
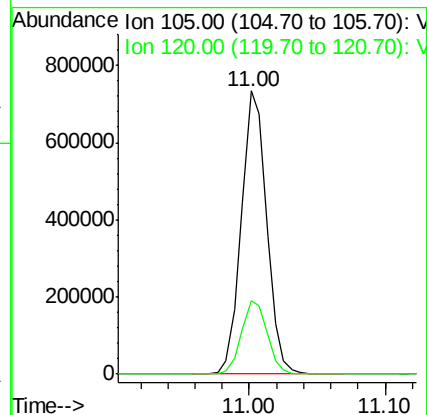
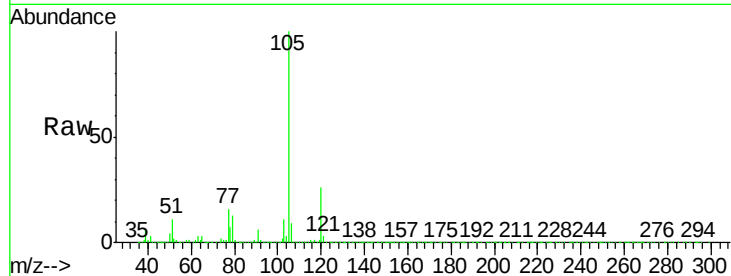
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5

Manual Integrations
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MMDadoda
4/17/2020 11:55:29 AM



#74

N-ethyl acetate

Concen: 16.116 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion: 43 Resp: 451251

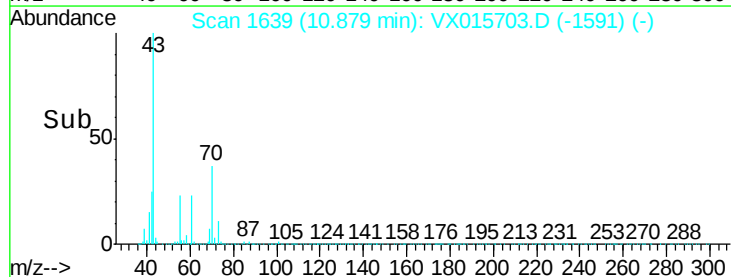
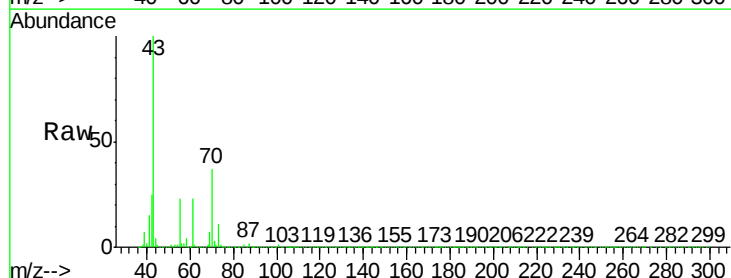
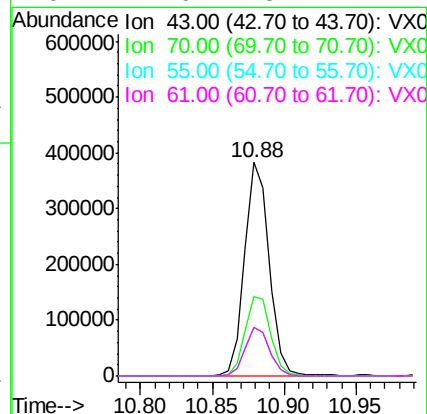
Ion Ratio Lower Upper

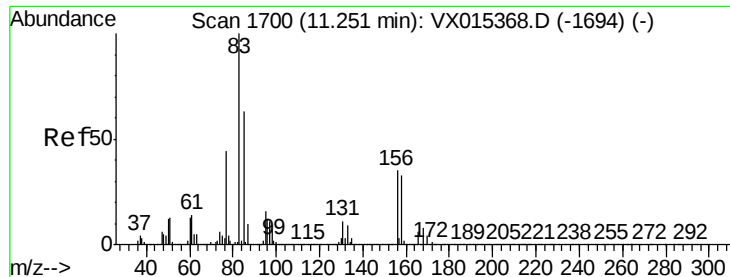
43 100

70 39.0 30.2 45.4

55 22.8 16.8 25.2

61 22.9 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.236 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

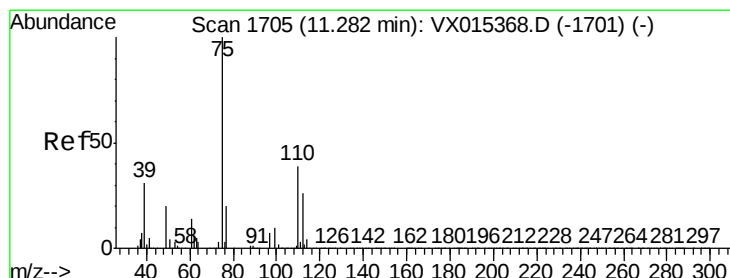
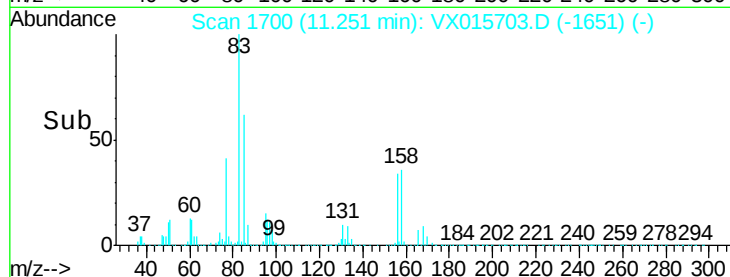
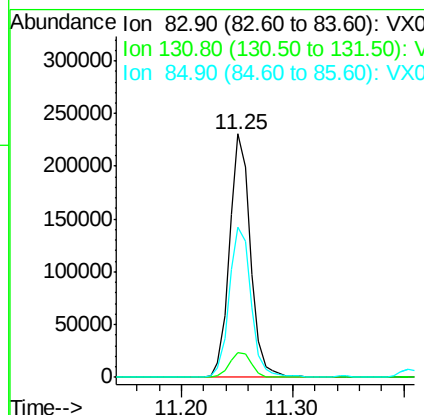
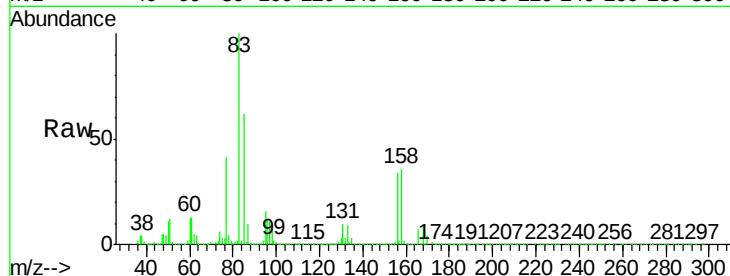
ClientSampled :

VX0416WBS01

Tot Ion:	83	Resp:	297750
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	64.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.652 ug/l m

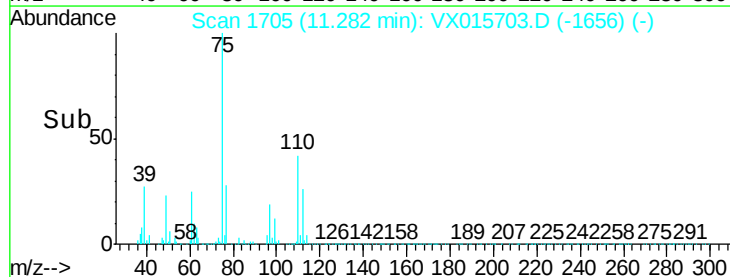
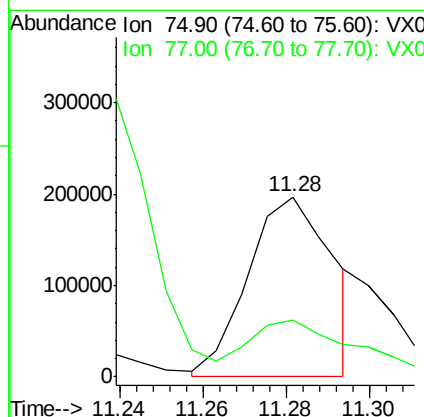
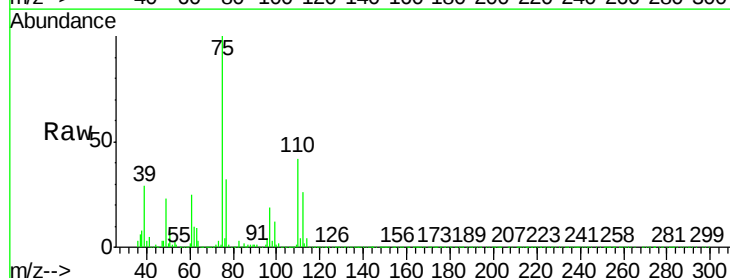
RT: 11.28 min Scan# 1705

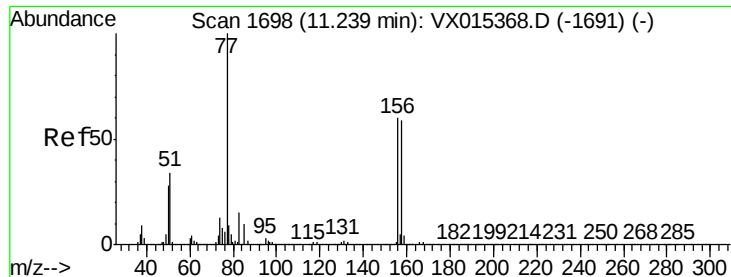
Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	75	Resp:	278907
Ion Ratio	Lower	Upper	
75	100		
77	39.2	21.2	63.6





#77

Bromobenzene

Concen: 19.366 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

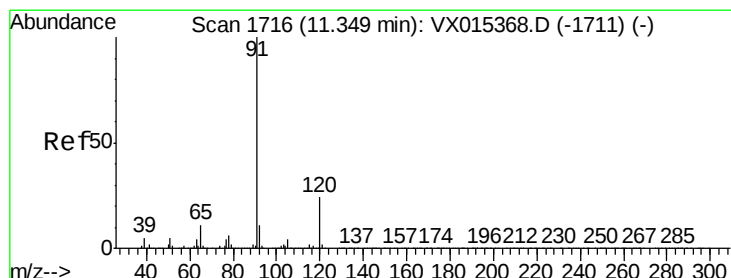
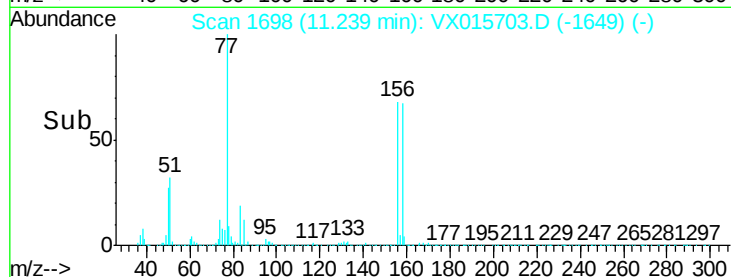
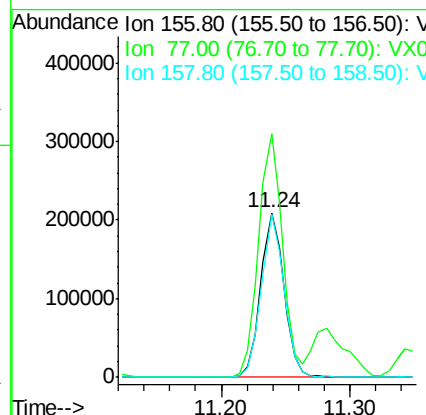
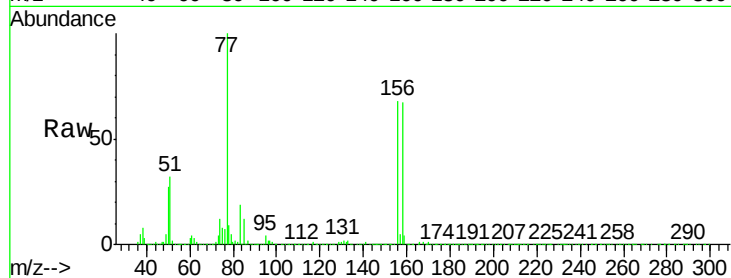
ClientSampleId :

VX0416WBS01

Tot Ion:	156	Resp:	260055
Ion Ratio	Lower	Upper	
156	100		
77	151.5	82.2	246.5
158	96.8	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 18.512 ug/l

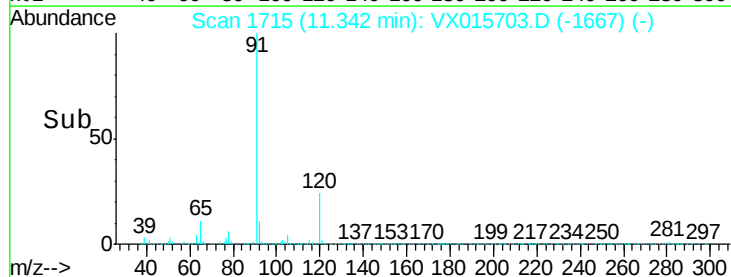
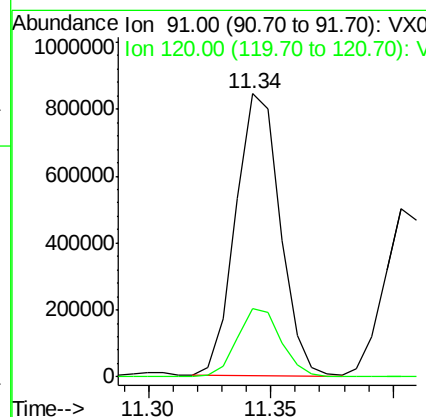
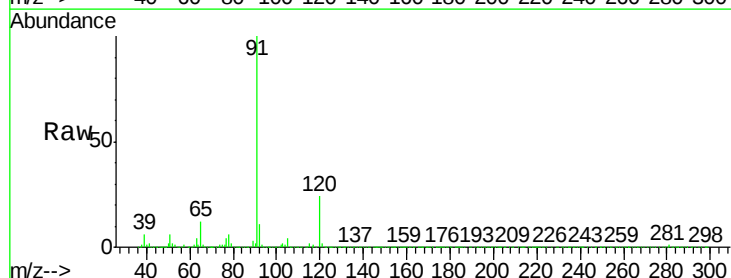
RT: 11.34 min Scan# 1715

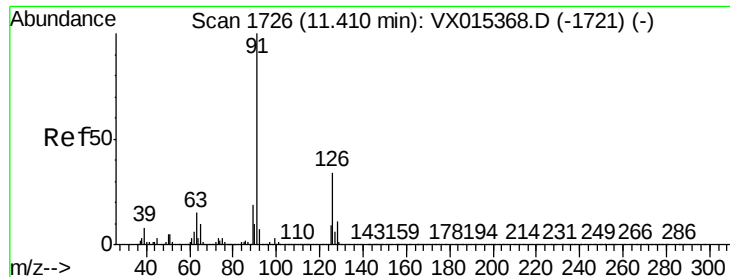
Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	91	Resp:	1065649
Ion Ratio	Lower	Upper	
91	100		
120	24.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.418 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion: 91 Resp: 649846

Ion Ratio Lower Upper

91 100

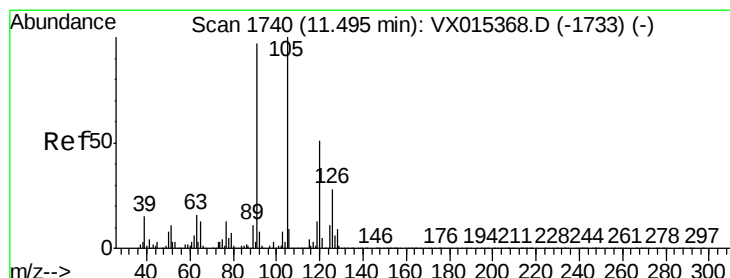
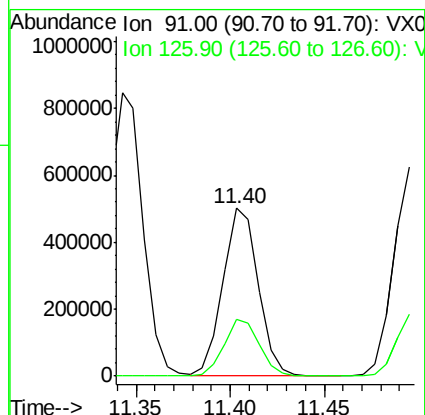
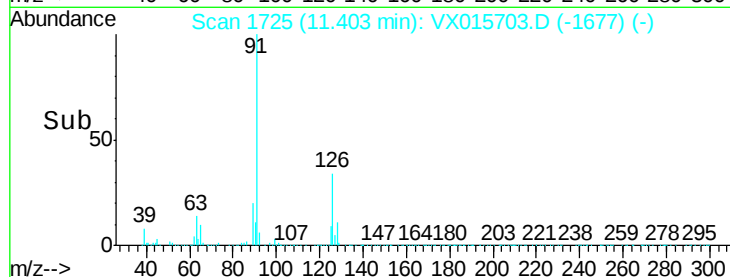
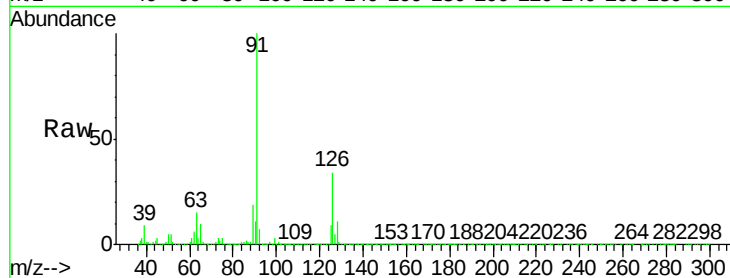
126 34.1 16.5 49.5

Manual Integrations

APPROVED

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4/17/2020 11:55:29 AM



#80

1,3,5-Trimethylbenzene

Concen: 18.893 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015703.D

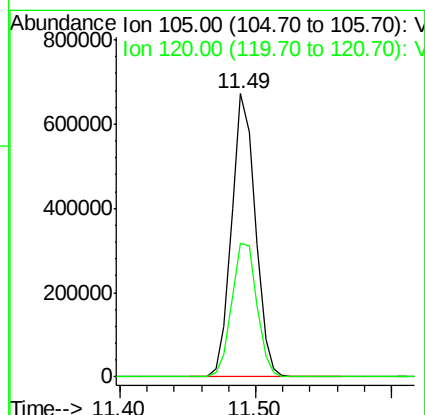
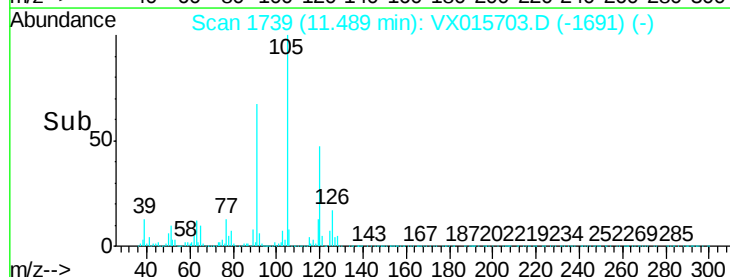
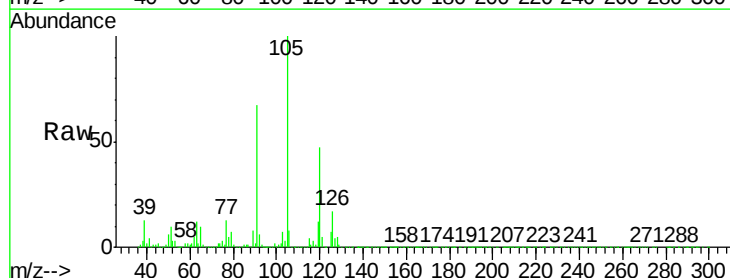
Acq: 16 Apr 2020 11:39

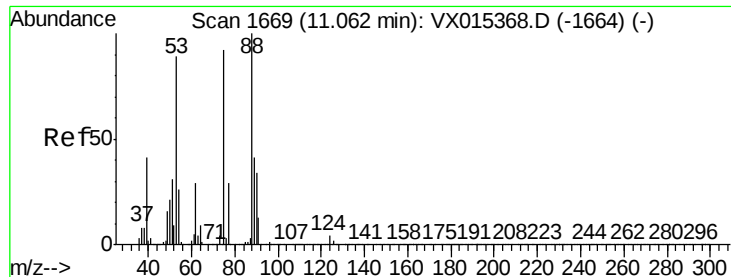
Tgt Ion: 105 Resp: 812301

Ion Ratio Lower Upper

105 100

120 50.2 24.8 74.4





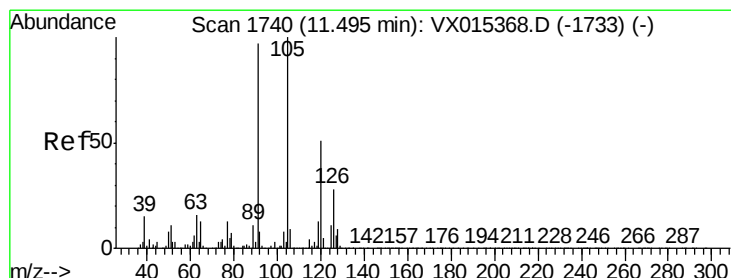
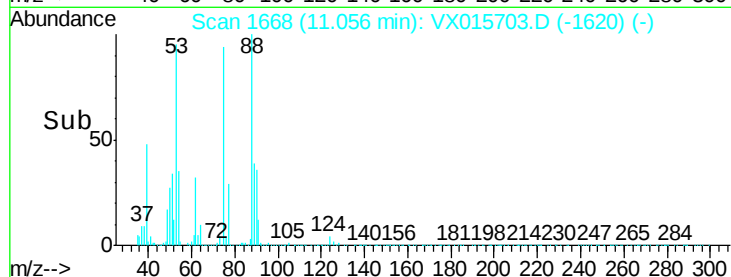
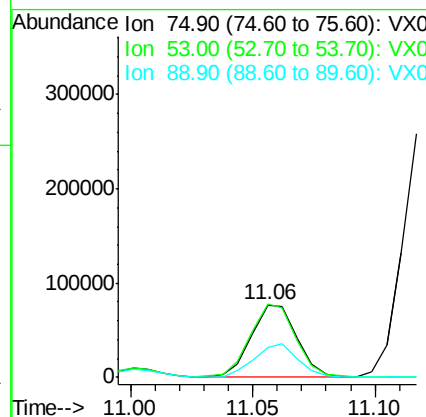
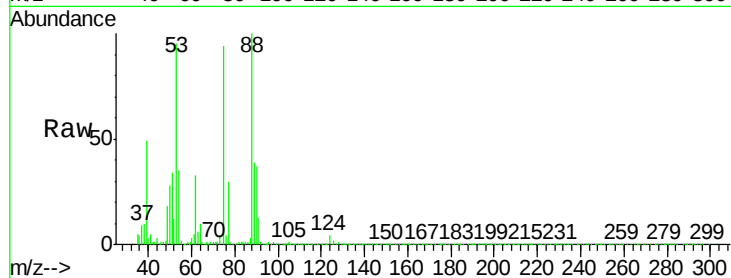
#81
trans-1,4-Dichloro-2-butene
Concen: 15.078 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.6	80.1	120.1
89	46.3	36.1	54.1

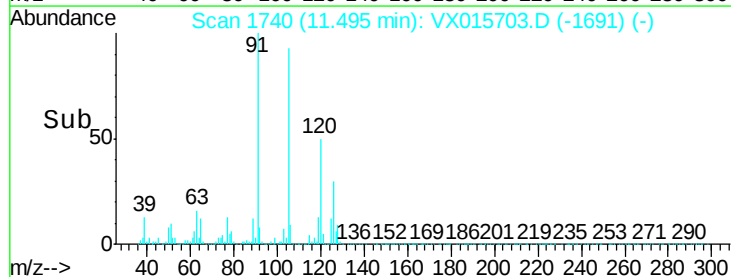
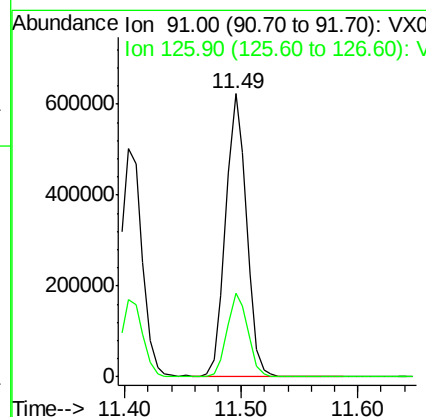
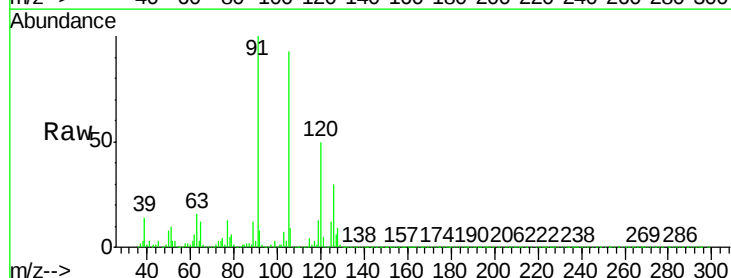
Manual Integrations
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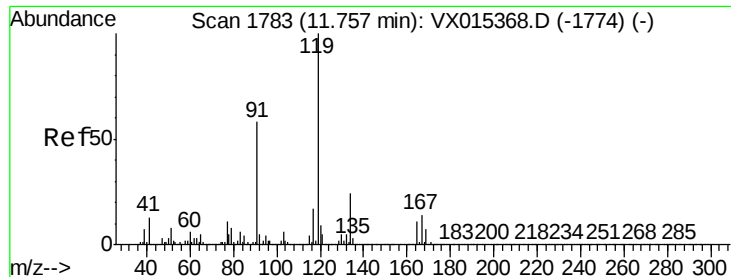
MMDadoda
4/17/2020 11:55:29 AM



#82
4-Chlorotoluene
Concen: 18.574 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015703.D
Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.7	44.1





#83

tert-Butylbenzene

Concen: 19.457 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

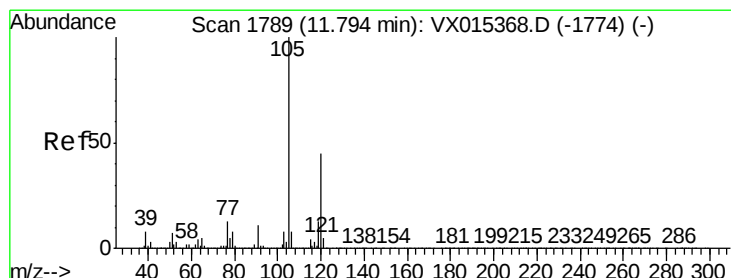
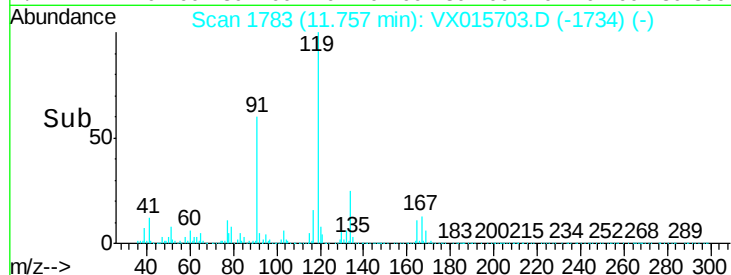
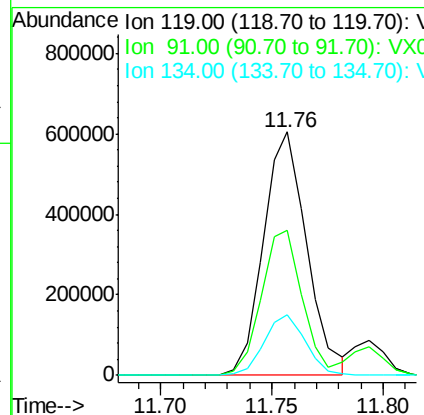
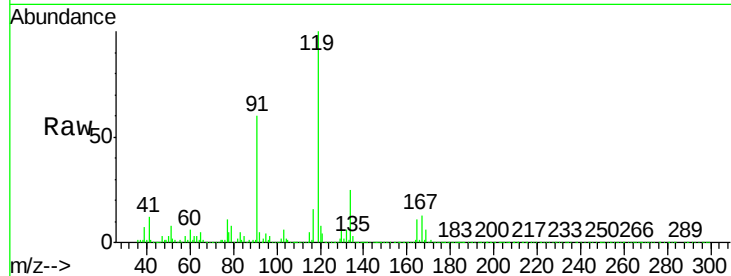
ClientSampleId :

VX0416WBS01

Tot Ion:	119	Resp:	817133
Ion Ratio	Lower	Upper	
119	100		
91	56.1	28.6	85.8
134	23.8	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 18.816 ug/l

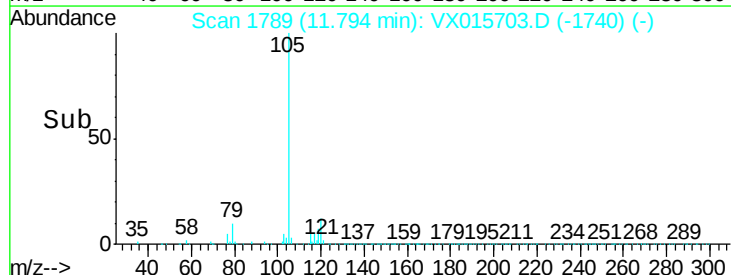
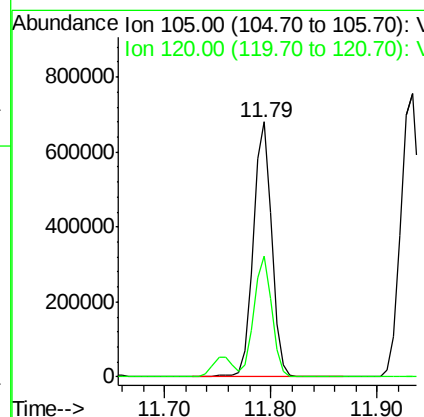
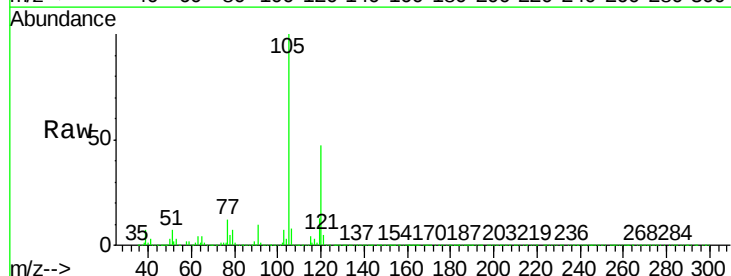
RT: 11.79 min Scan# 1789

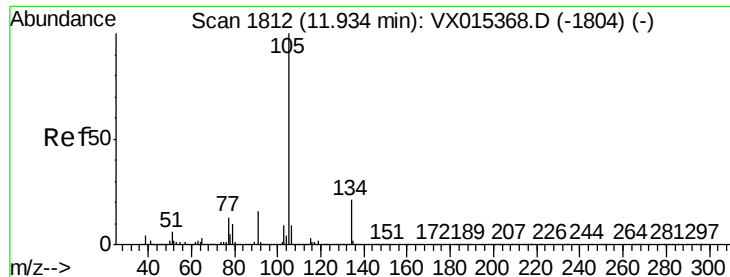
Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	105	Resp:	824387
Ion Ratio	Lower	Upper	
105	100		
120	46.3	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.301 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBS01

Tot Ion:105 Resp: 937472

Ion Ratio Lower Upper

105 100

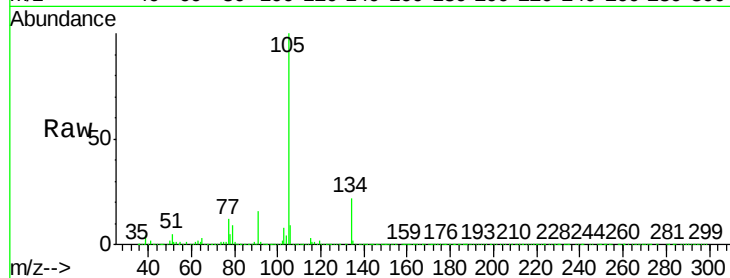
134 21.4 10.4 31.1

Manual Integrations

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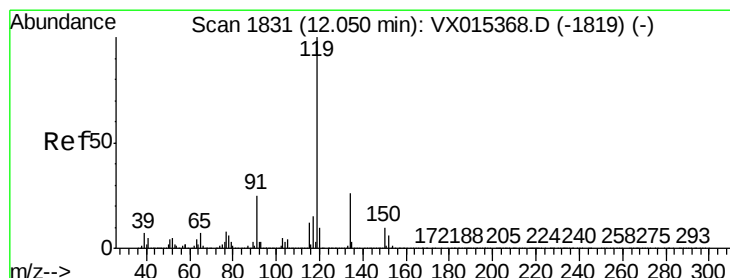
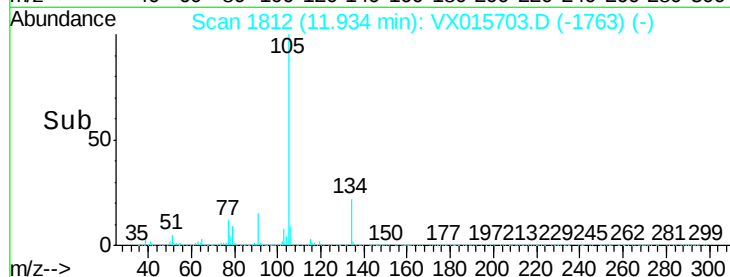
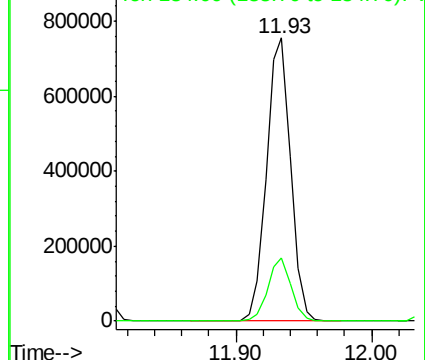
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.954 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

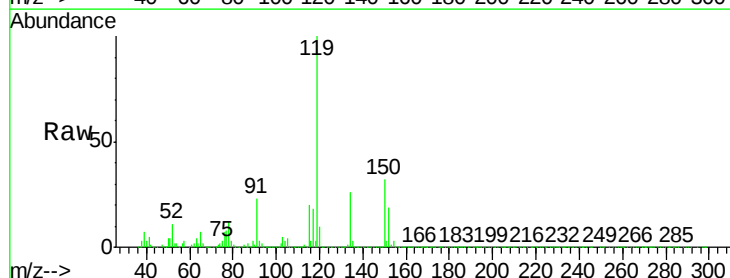
Tgt Ion:119 Resp: 899752

Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

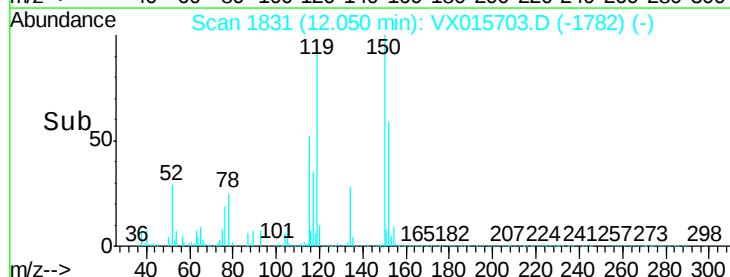
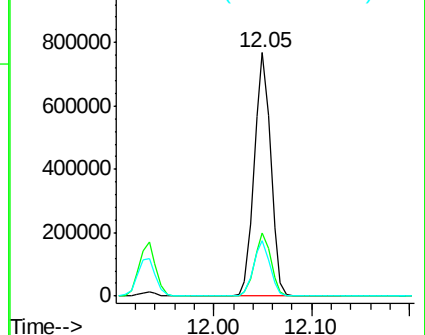
91 22.7 12.4 37.4

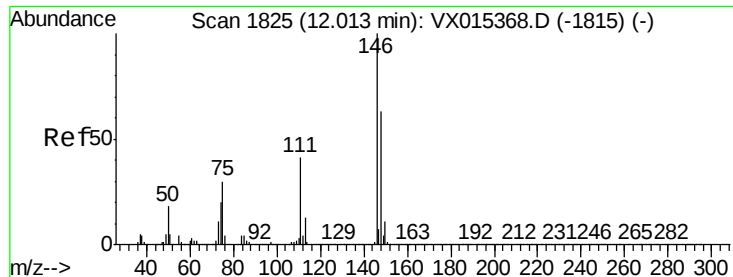


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.040 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VX015703.D

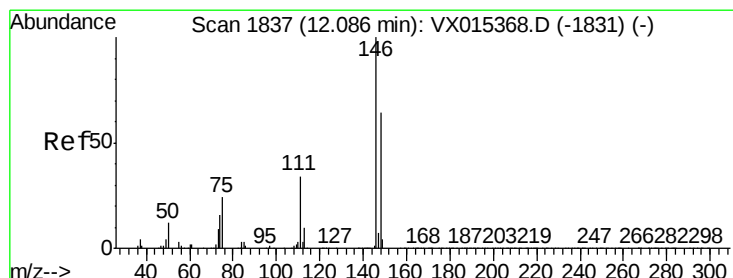
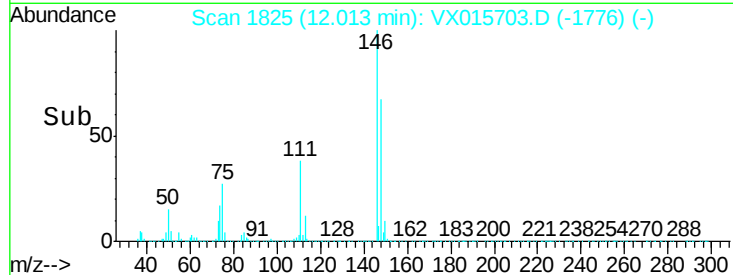
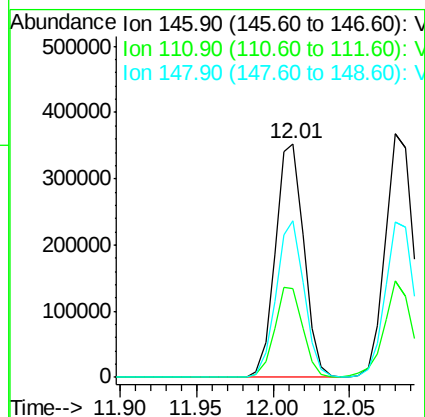
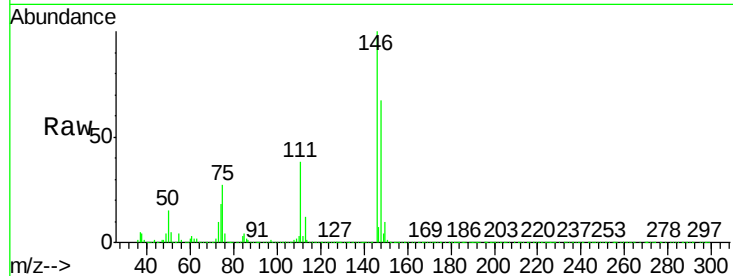
Acq: 16 Apr 2020 11:39

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.3	60.9
148	65.4	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.070 ug/l

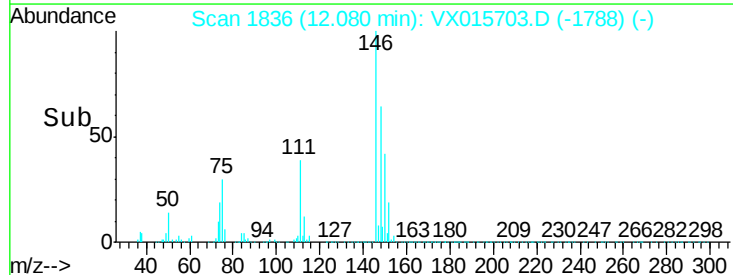
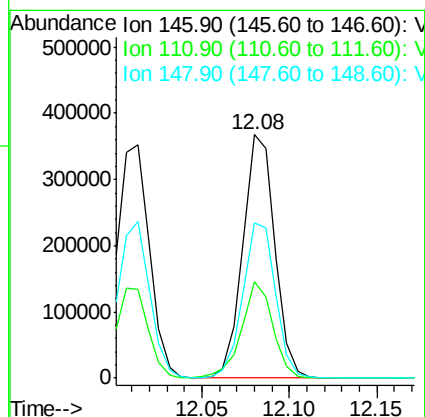
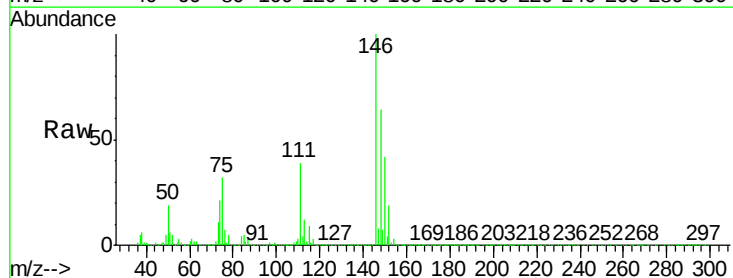
RT: 12.08 min Scan# 1836

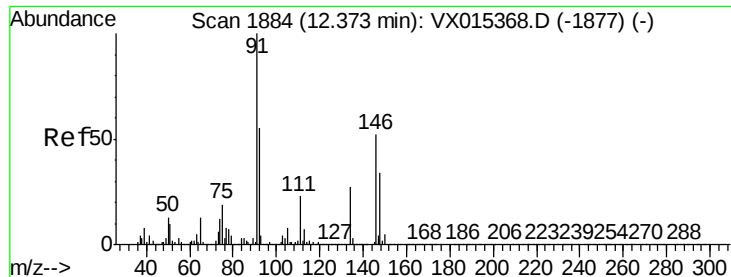
Delta R.T. -0.01 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	64.9	32.4	97.2





#89

n-Butylbenzene

Concen: 19.080 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

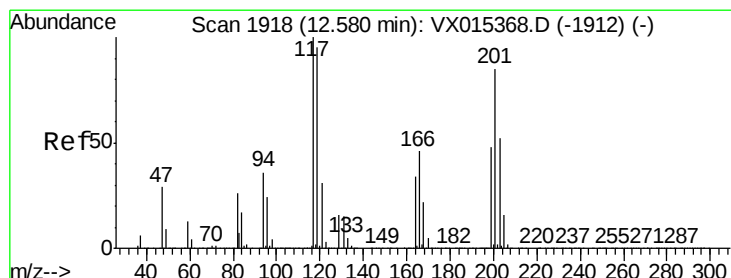
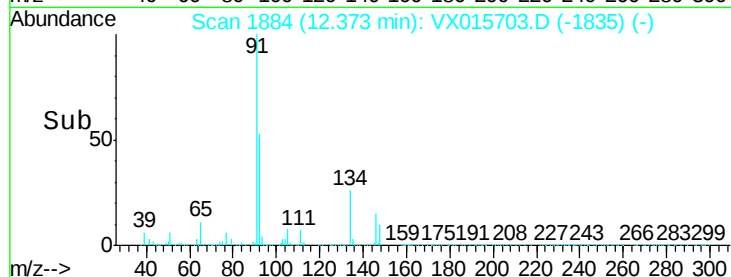
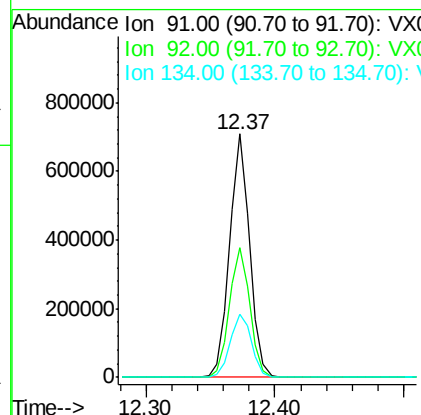
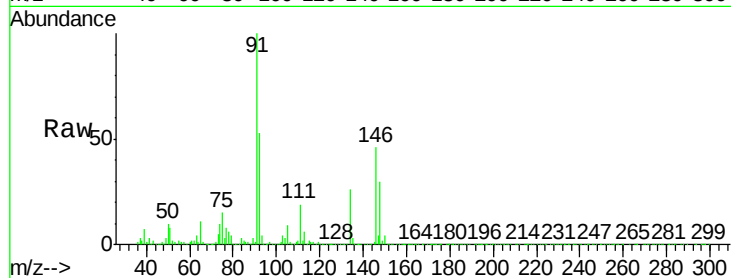
ClientSampleId :

VX0416WBS01

Tot Ion:	91	Resp:	777477
Ion Ratio	Lower	Upper	
91	100		
92	54.7	27.2	81.5
134	27.4	13.4	40.2

Manual Integrations
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#90

Hexachloroethane

Concen: 16.907 ug/l

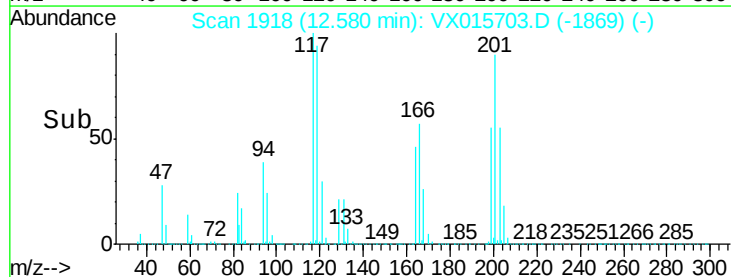
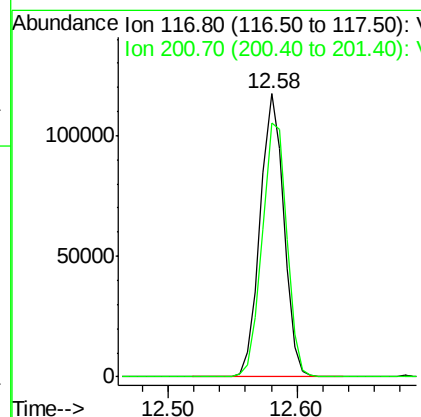
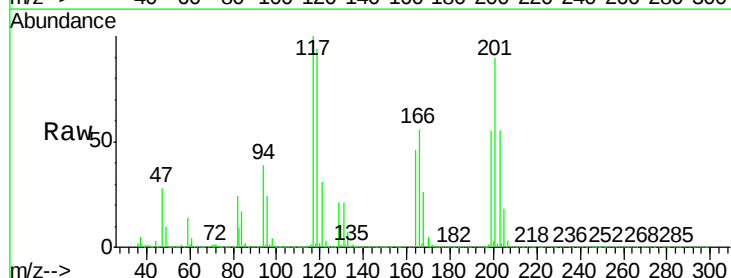
RT: 12.58 min Scan# 1918

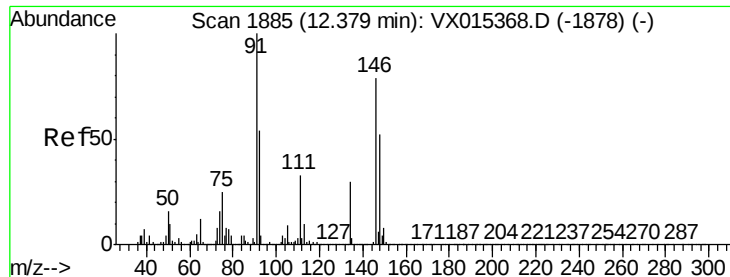
Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	117	Resp:	148386
Ion Ratio	Lower	Upper	
117	100		
201	93.5	42.6	128.0





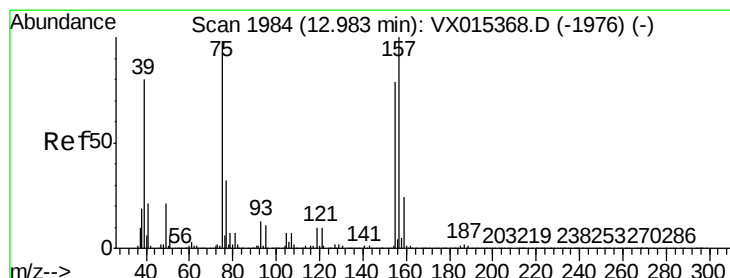
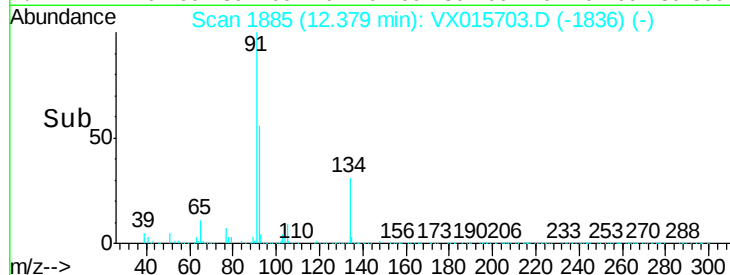
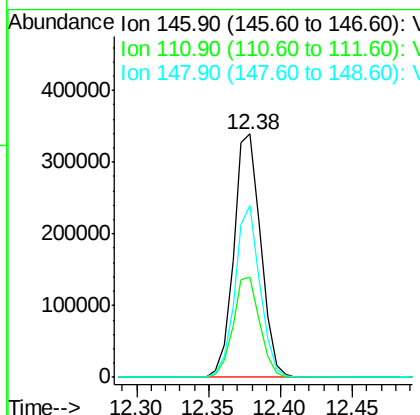
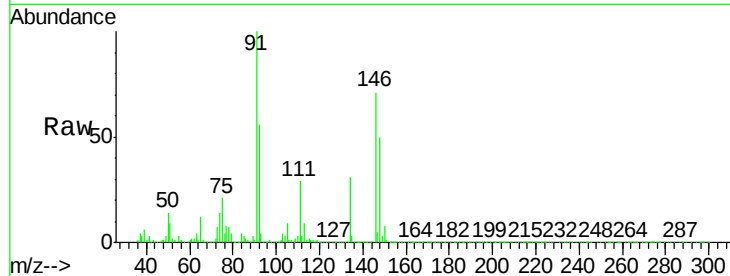
#91
 1,2-Dichlorobenzene
 Concen: 18.825 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	442875		
111	40.9	21.0	63.0	
148	65.5	32.4	97.0	

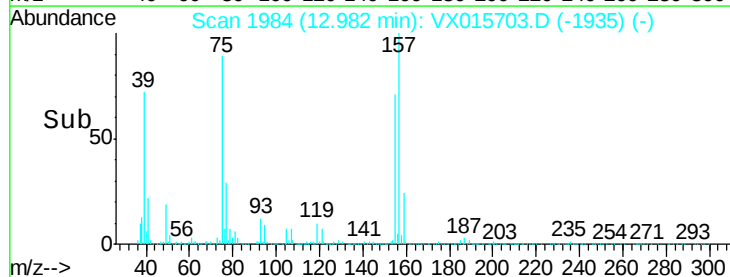
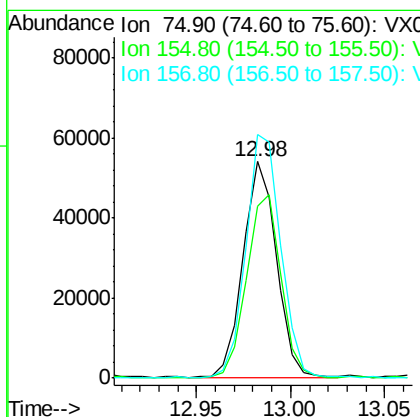
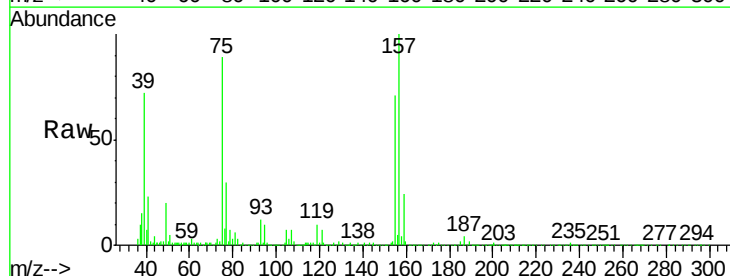
Manual Integrations
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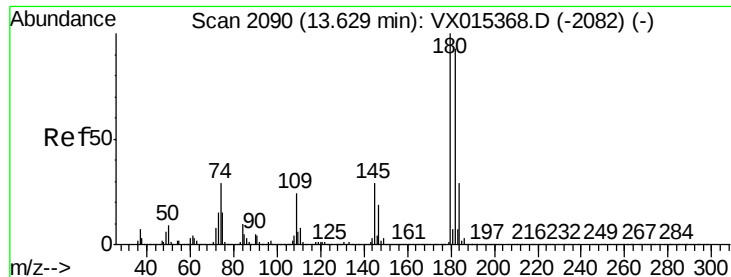
MMDadoda
 4/17/2020 11:55:29 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 13.581 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66215		
155	88.2	42.8	128.4	
157	117.8	53.4	160.3	





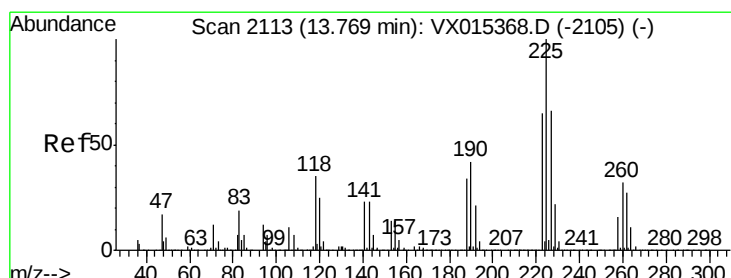
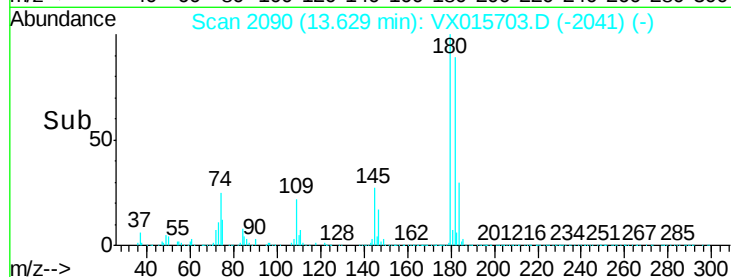
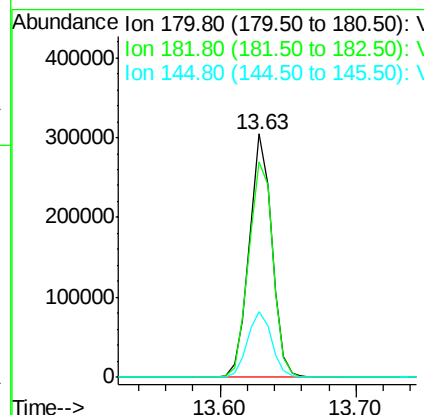
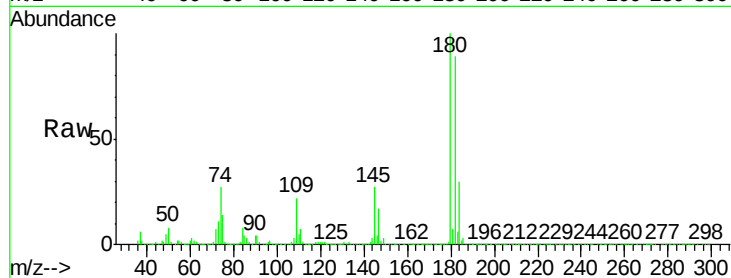
#93
 1,2,4-Trichlorobenzene
 Concen: 19.044 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	94.7	46.9	140.7	
145	28.7	14.9	44.5	

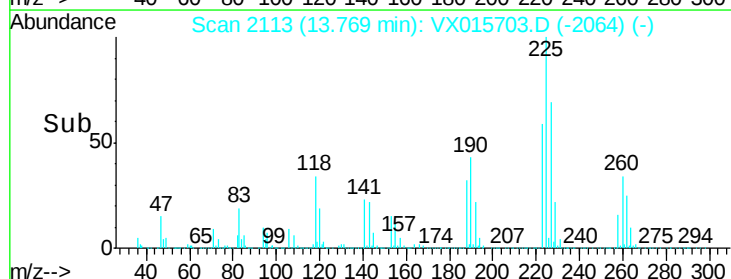
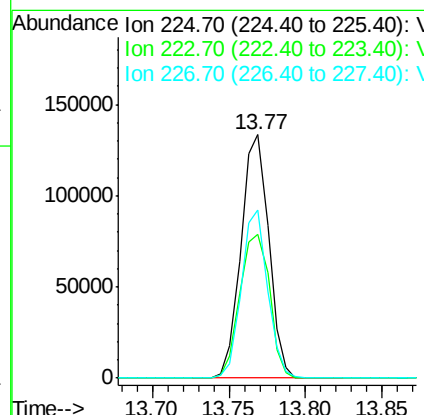
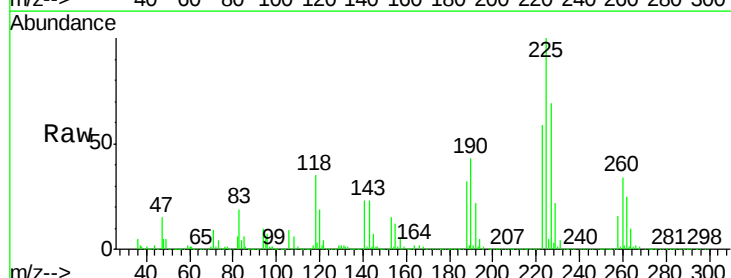
Manual Integrations
 APPROVED

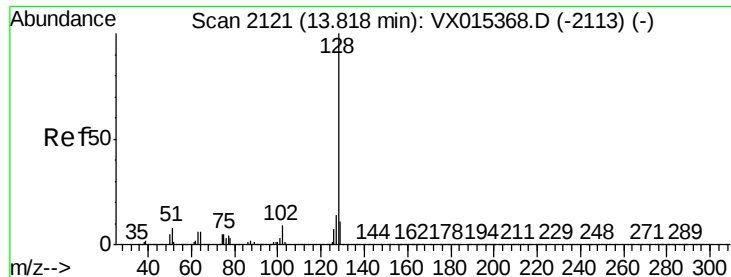
MMDadoda
 4/17/2020 11:55:29 AM



#94
 Hexachlorobutadiene
 Concen: 18.906 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015703.D
 Acq: 16 Apr 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	31.9	95.7	
227	65.4	30.4	91.3	





#95

Naphthalene

Concen: 17.427 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Instrument :

MSVOA_X

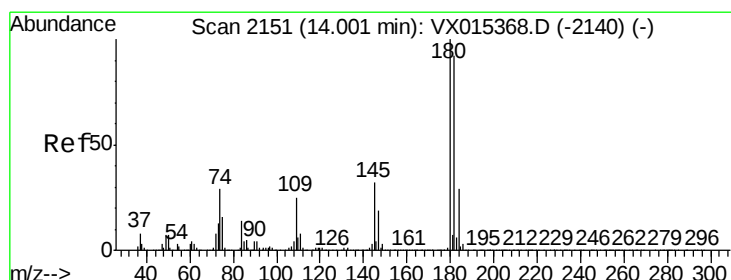
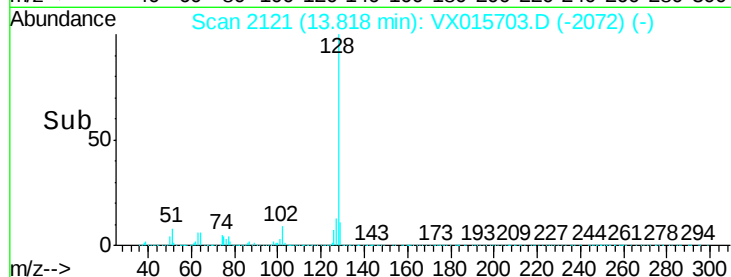
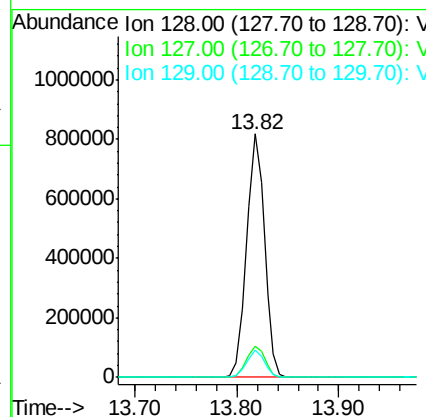
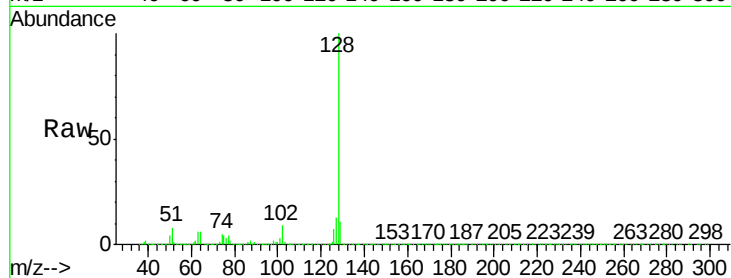
ClientSampleId :

VX0416WBS01

Tot Ion:	128	Resp:	989212
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:29 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.677 ug/l

RT: 14.00 min Scan# 2151

Delta R.T. -0.00 min

Lab File: VX015703.D

Acq: 16 Apr 2020 11:39

Tgt Ion:	180	Resp:	352548
Ion Ratio	Lower	Upper	
180	100		
182	94.4	46.7	140.0
145	30.2	15.8	47.3

