

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015731.D
 Acq On : 17 Apr 2020 12:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:57:04 AM

Quant Time: Apr 20 02:23:37 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	995033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1448974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1333285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	723851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	612909	43.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.34%	
35) Dibromofluoromethane	5.46	113	484512	52.31	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.70	98	1811132	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	
62) 4-Bromofluorobenzene	11.12	95	730756	52.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	397208	45.310	ug/l	99
3) Chloromethane	1.31	50	497181	44.534	ug/l	99
4) Vinyl Chloride	1.39	62	505237	49.287	ug/l	99
5) Bromomethane	1.62	94	226453	47.523	ug/l	99
6) Chloroethane	1.70	64	319185	50.205	ug/l	99
7) Trichlorofluoromethane	1.91	101	722605	52.563	ug/l	98
8) Diethyl Ether	2.17	74	295395	50.943	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	490196	54.697	ug/l	97
10) Methyl Iodide	2.49	142	587003	48.581	ug/l	97
11) Tert butyl alcohol	3.01	59	651066	193.823	ug/l	98
12) 1,1-Dichloroethene	2.35	96	460355	49.004	ug/l	94
13) Acrolein	2.27	56	576862	301.472	ug/l	100
14) Allyl chloride	2.70	41	1024317	46.665	ug/l	98
15) Acrylonitrile	3.11	53	1517402	236.872	ug/l	99
16) Acetone	2.42	43	1442477	239.246	ug/l	96
17) Carbon Disulfide	2.55	76	1191994	41.594	ug/l	100
18) Methyl Acetate	2.75	43	752312	48.888	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	1776951	48.771	ug/l	99
20) Methylene Chloride	2.83	84	539200	47.879	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	512108	49.120	ug/l	95
22) Diisopropyl ether	3.82	45	1942546	49.943	ug/l	97
23) Vinyl Acetate	3.78	43	8374306	237.796	ug/l	99
24) 1,1-Dichloroethane	3.67	63	983591	48.029	ug/l	99
25) 2-Butanone	4.63	43	2209875	227.908	ug/l	99
26) 2,2-Dichloropropane	4.55	77	894015	53.185	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	604284	50.098	ug/l	99
28) Bromochloromethane	4.98	49	457463	46.786	ug/l	96
29) Tetrahydrofuran	5.09	42	1391473	223.225	ug/l	99
30) Chloroform	5.17	83	975410	49.506	ug/l	94
31) Cyclohexane	5.54	56	882298	49.663	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	887565	49.777	ug/l	99
36) 1,1-Dichloropropene	5.76	75	730193	54.693	ug/l	99
37) Ethyl Acetate	4.79	43	845141	48.617	ug/l	100
38) Carbon Tetrachloride	5.75	117	773732	53.508	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	890515	57.851	ug/l	95
40) Benzene	6.11	78	2124307	54.319	ug/l	100
41) Methacrylonitrile	5.00	41	492587	51.046	ug/l	98
42) 1,2-Dichloroethane	6.16	62	827149	52.655	ug/l	98
43) Isopropyl Acetate	6.41	43	1467956	50.024	ug/l	99
44) Trichloroethene	7.18	130	611584	57.341	ug/l	96
45) 1,2-Dichloropropane	7.49	63	575874	53.828	ug/l	96
46) Dibromomethane	7.64	93	375201	53.464	ug/l	96
47) Bromodichloromethane	7.87	83	798700	53.411	ug/l	99
48) Methyl methacrylate	7.75	41	733153	50.019	ug/l	96
49) 1,4-Dioxane	7.72	88	274842	1005.137	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4302091	258.686	ug/l	99
52) Toluene	8.76	92	1386166	57.491	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	909470	51.857	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	977269	54.702	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	560162	56.706	ug/l	97
56) Ethyl methacrylate	9.16	69	920838	52.893	ug/l	97
57) 1,3-Dichloropropane	9.36	76	966404	54.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2147619	253.616	ug/l	99
59) 2-Hexanone	9.47	43	3313325	263.890	ug/l	98
60) Dibromochloromethane	9.56	129	662277	55.793	ug/l	99
61) 1,2-Dibromoethane	9.65	107	584690	54.434	ug/l	98
64) Tetrachloroethene	9.32	164	582292	57.871	ug/l	97
65) Chlorobenzene	10.12	112	1543664	58.055	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	587844	55.338	ug/l	98
67) Ethyl Benzene	10.23	91	2682088	56.873	ug/l	100
68) m/p-Xylenes	10.34	106	2061014	117.366	ug/l	97
69) o-Xylene	10.68	106	998959	57.568	ug/l	98
70) Styrene	10.70	104	1762128	57.708	ug/l	98
71) Bromoform	10.84	173	504056	52.124	ug/l	97
73) Isopropylbenzene	11.00	105	2682376	56.556	ug/l	100
74) N-amyl acetate	10.88	43	1270640	48.169	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	841263	51.692	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	789360m	53.029	ug/l	
77) Bromobenzene	11.24	156	698109	55.183	ug/l	96
78) n-propylbenzene	11.34	91	3057942	56.386	ug/l	99
79) 2-Chlorotoluene	11.40	91	1809119	54.425	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2302710	56.850	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	301636	48.622	ug/l	97
82) 4-Chlorotoluene	11.50	91	2152730	55.243	ug/l	100
83) tert-Butylbenzene	11.76	119	2331593	58.931	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2340102	56.693	ug/l	98
85) sec-Butylbenzene	11.93	105	2659218	58.115	ug/l	99
86) p-Isopropyltoluene	12.05	119	2514444	59.192	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1281634	56.590	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1323115	57.355	ug/l	99
89) n-Butylbenzene	12.37	91	2242096	58.407	ug/l	99
90) Hexachloroethane	12.58	117	436663	52.813	ug/l	90
91) 1,2-Dichlorobenzene	12.38	146	1294251	58.395	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	200942	43.746	ug/l	91

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QLast Update : Fri Mar 27 09:35:51 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1023616	58.388	ug/l	97
94) Hexachlorobutadiene	13.77	225	483574	57.935	ug/l	96
95) Naphthalene	13.82	128	2931586	54.820	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1023550	60.640	ug/l	98

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

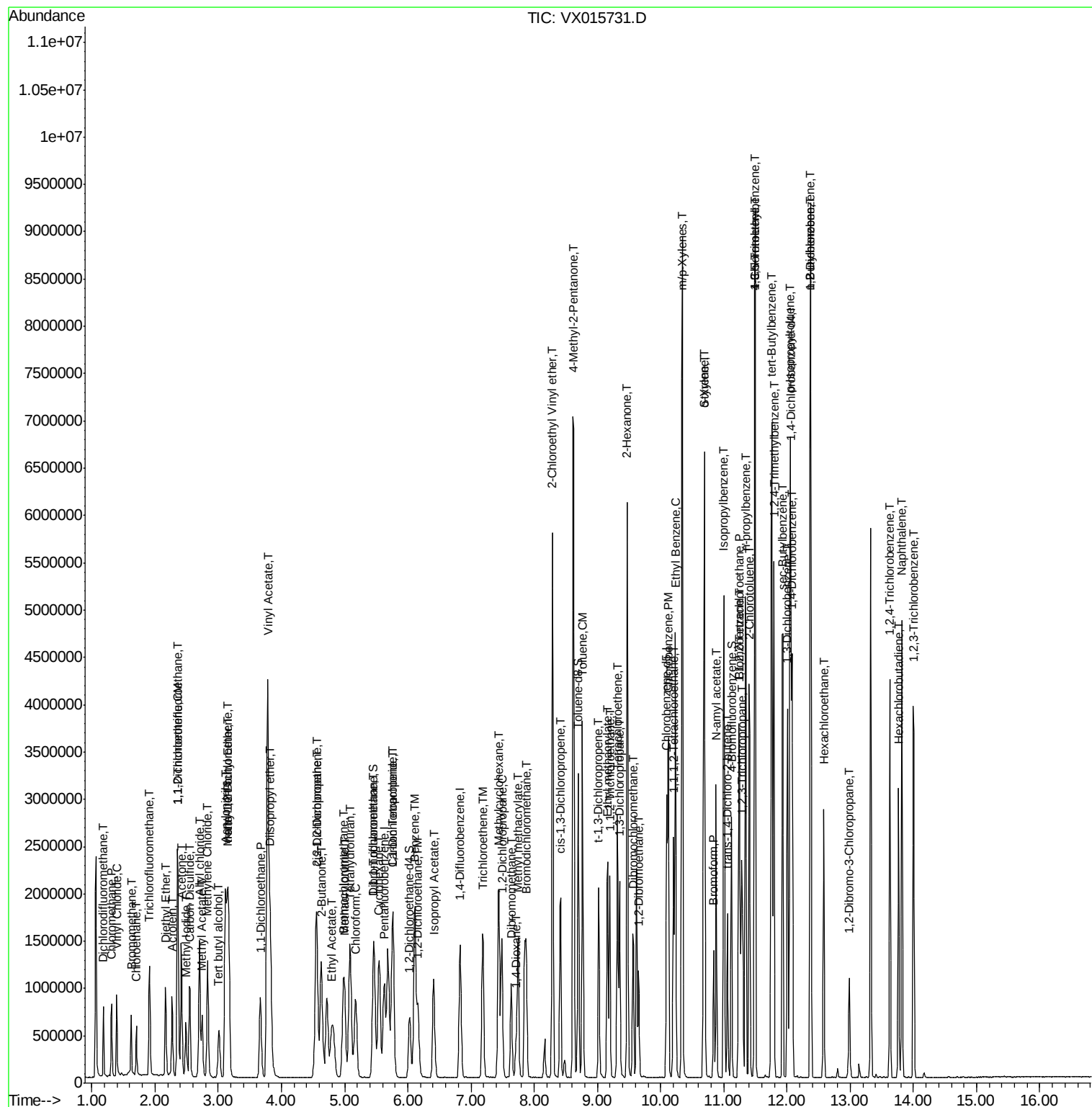
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX041720\
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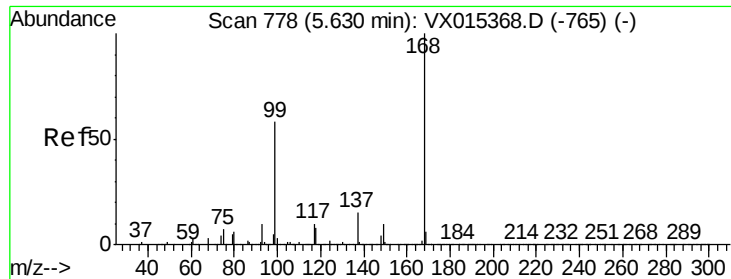
Instrument :
 MSVOA_X
 ClientSampleID :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 995033

Ion Ratio Lower Upper

168 100

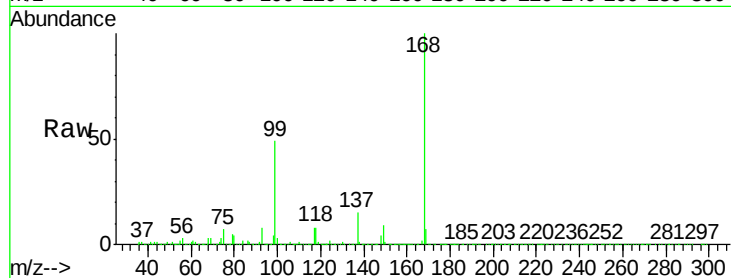
99 49.3 46.4 69.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

300000

200000

100000

0

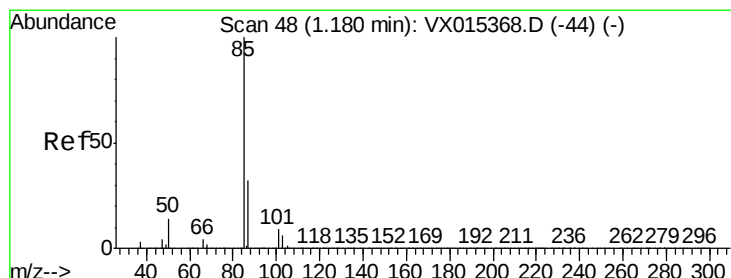
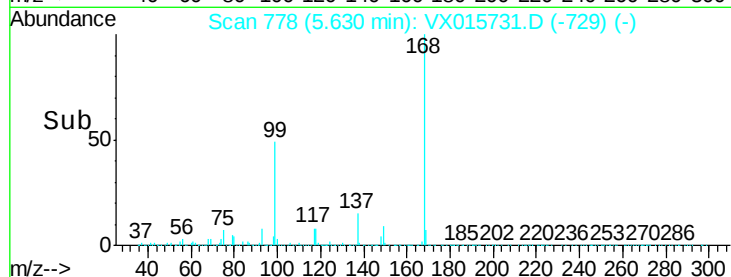
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 45.310 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015731.D

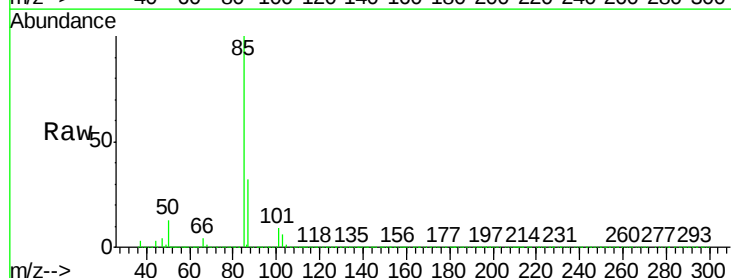
Acq: 17 Apr 2020 12:32

Tgt Ion: 85 Resp: 397208

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

1.18

400000

300000

200000

100000

0

1.10

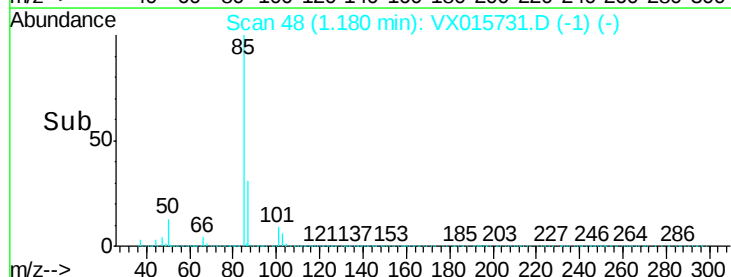
1.15

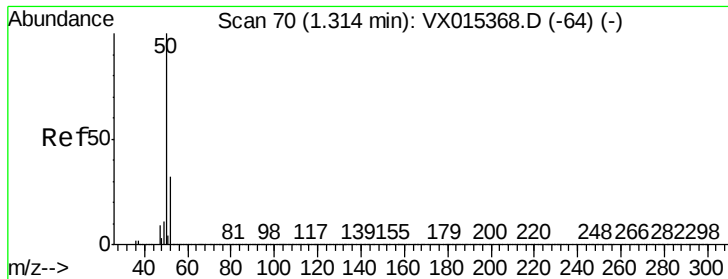
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 44.534 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 497181

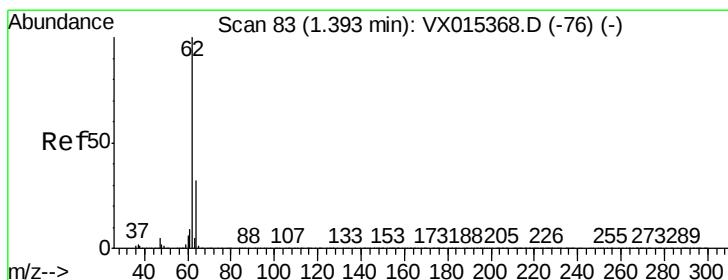
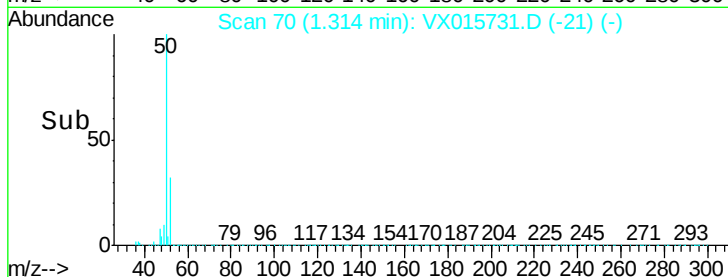
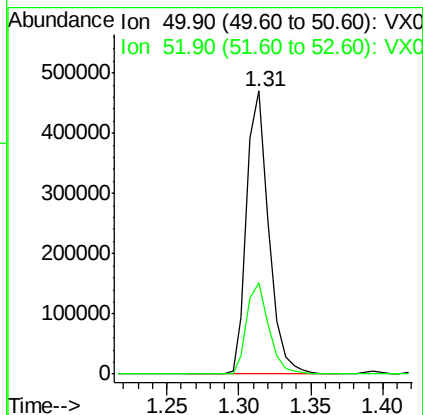
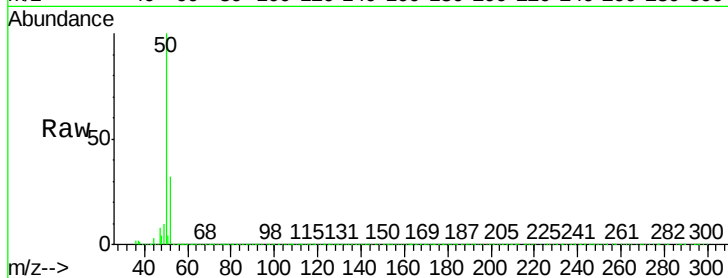
Ion Ratio Lower Upper

50 100

52 32.4 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.287 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015731.D

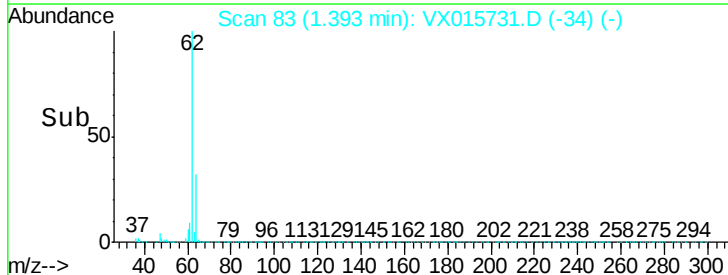
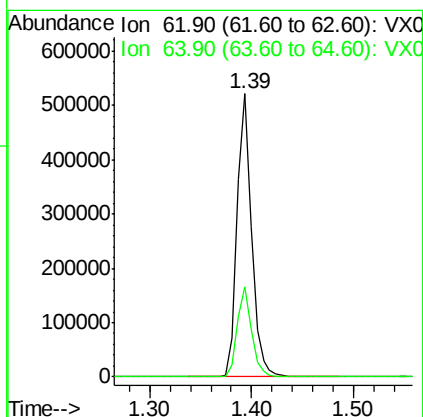
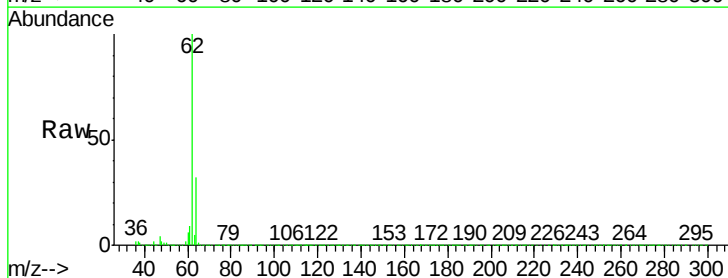
Acq: 17 Apr 2020 12:32

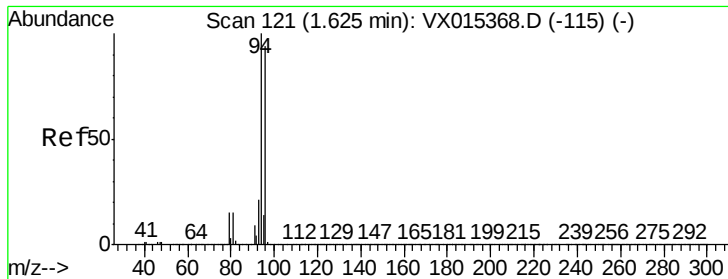
Tgt Ion: 62 Resp: 505237

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0





#5

Bromomethane

Concen: 47.523 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 226453

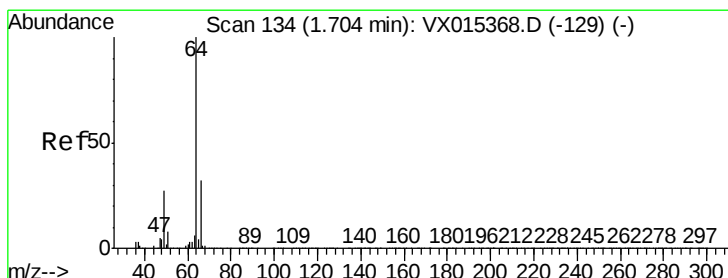
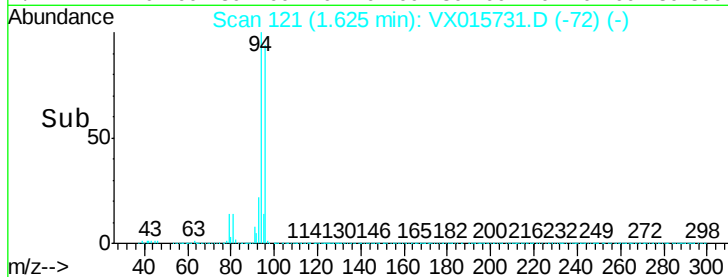
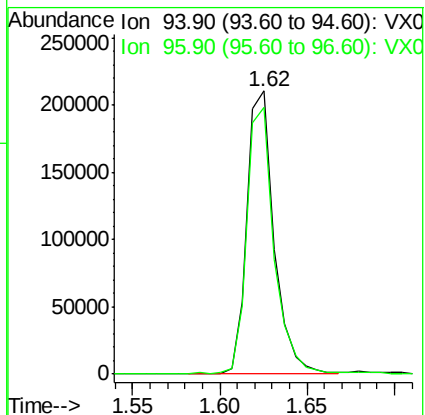
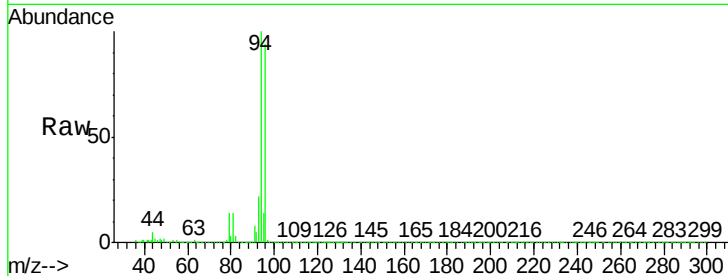
Ion Ratio Lower Upper

94 100

96 94.3 74.8 112.2

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#6

Chloroethane

Concen: 50.205 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015731.D

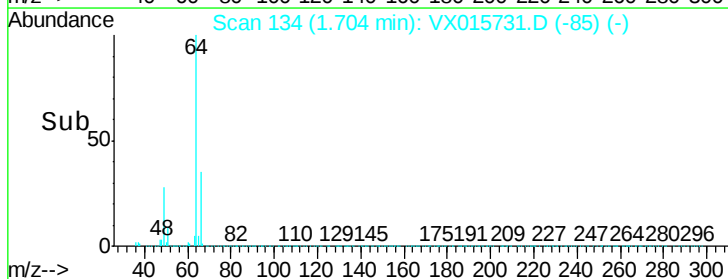
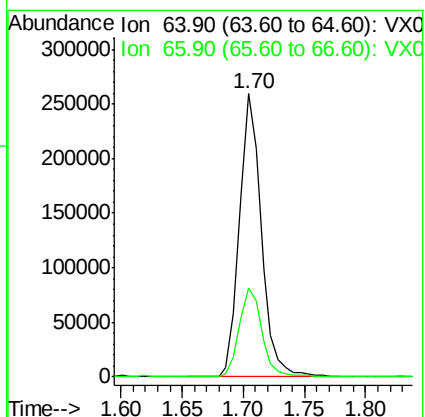
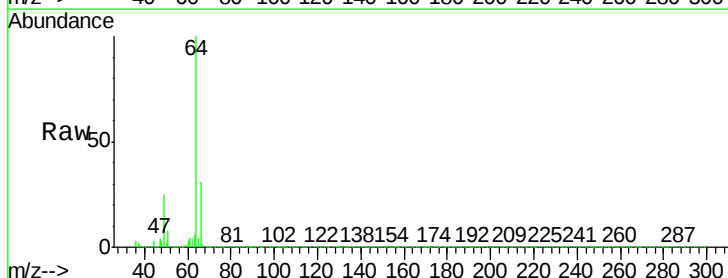
Acq: 17 Apr 2020 12:32

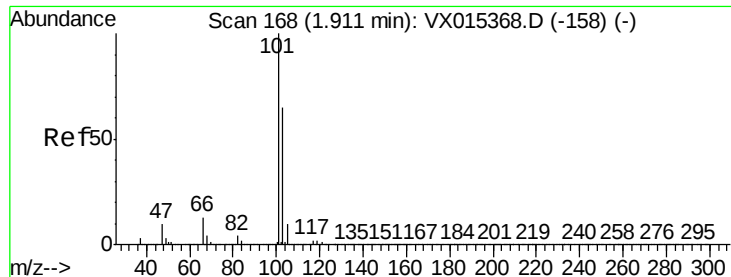
Tgt Ion: 64 Resp: 319185

Ion Ratio Lower Upper

64 100

66 31.3 25.4 38.2





#7

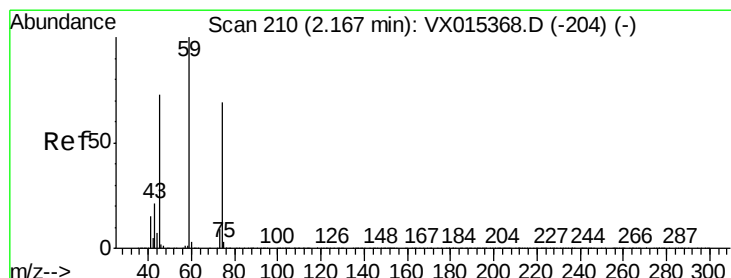
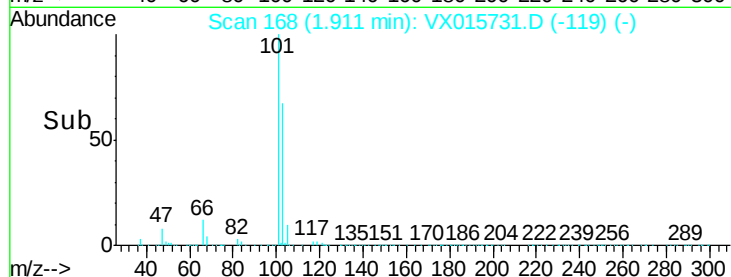
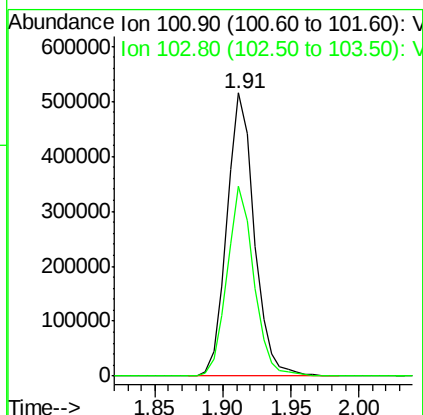
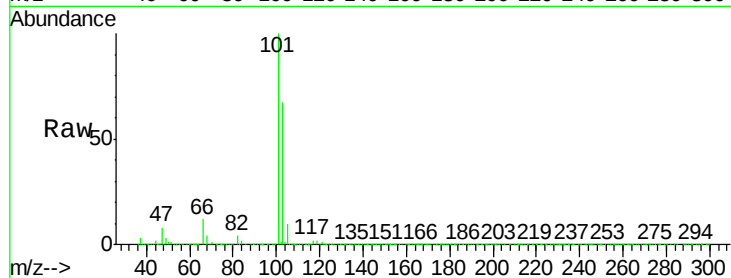
Trichlorofluoromethane
Concen: 52.563 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.9	52.3	78.5

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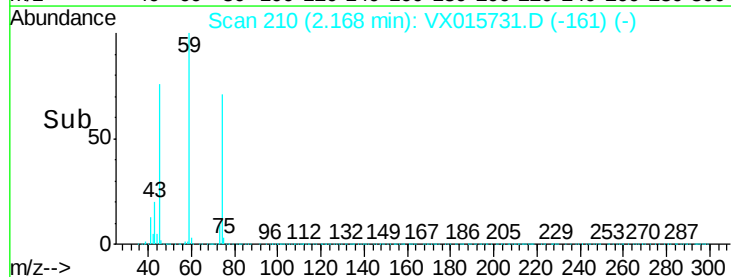
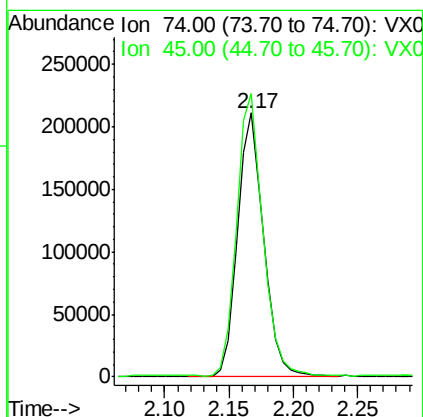
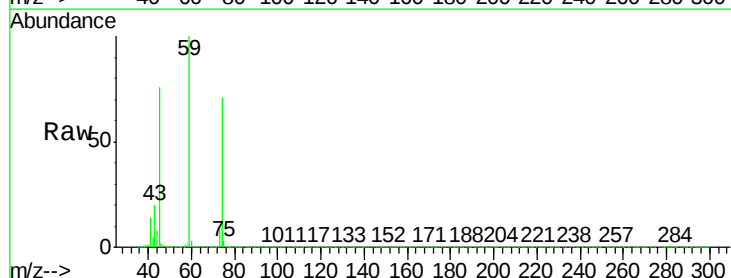
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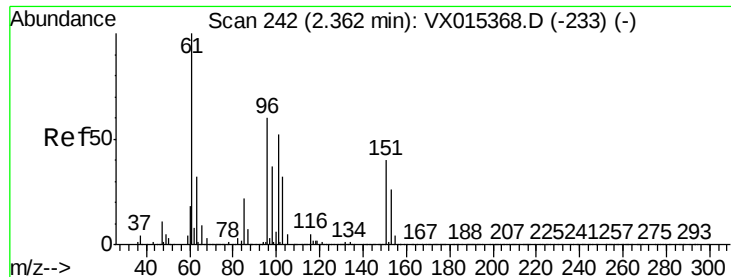


#8

Diethyl Ether
Concen: 50.943 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	53.8	161.4





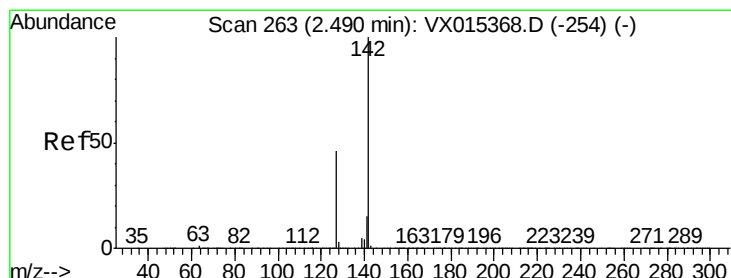
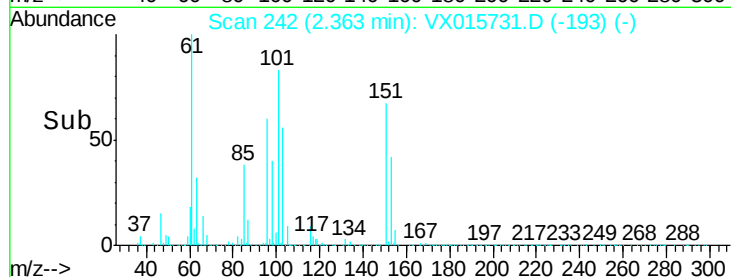
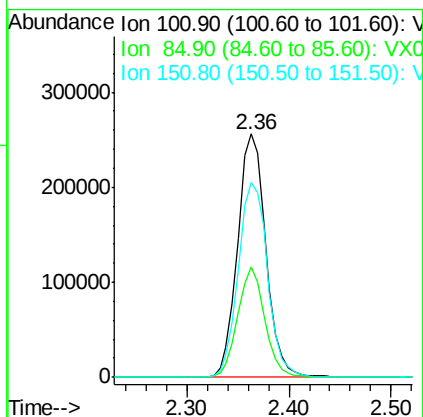
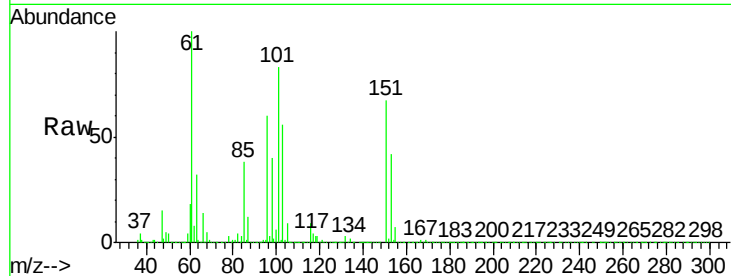
#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.697 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	43.4	35.0	52.4
151	83.6	64.1	96.1

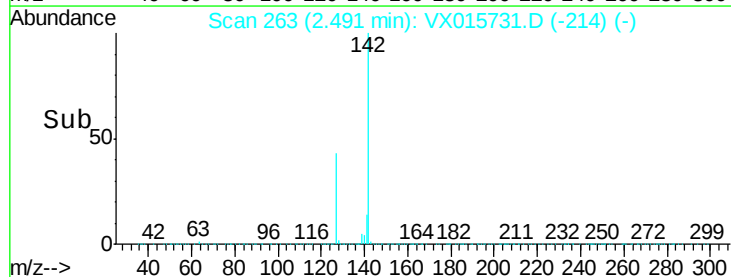
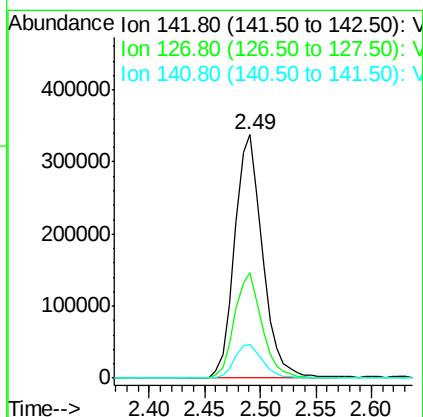
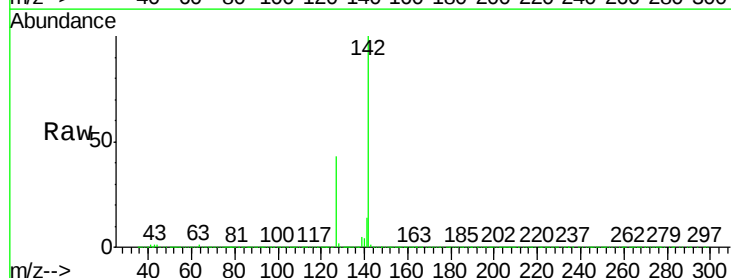
Manual Integrations
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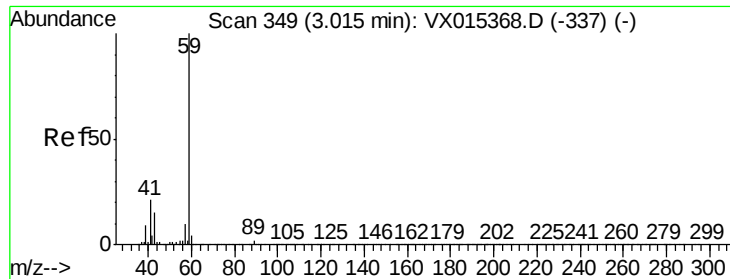
MMDadoda
4/20/2020 10:57:04 AM



#10
Methyl Iodide
Concen: 48.581 ug/l
RT: 2.49 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	42.6	35.9	53.9
141	14.0	11.6	17.4





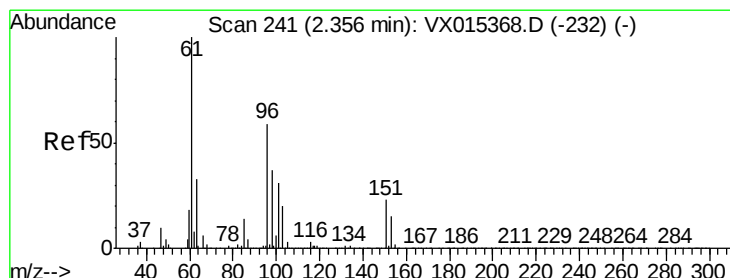
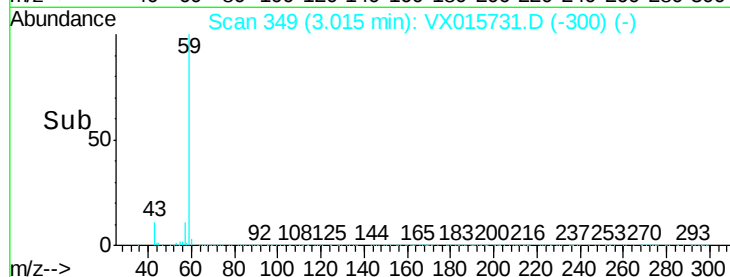
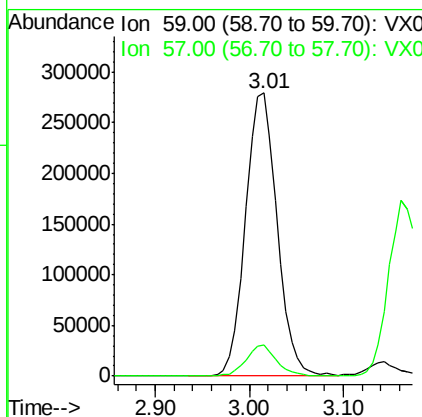
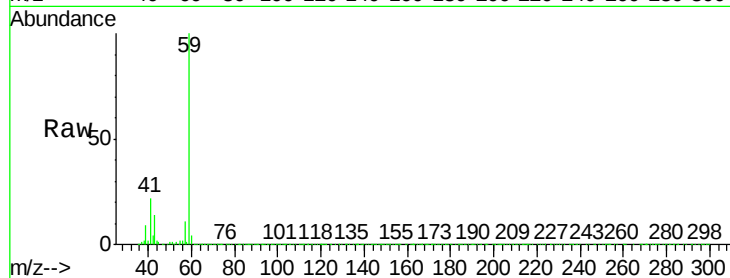
#11
Tert butyl alcohol
Concen: 193.823 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

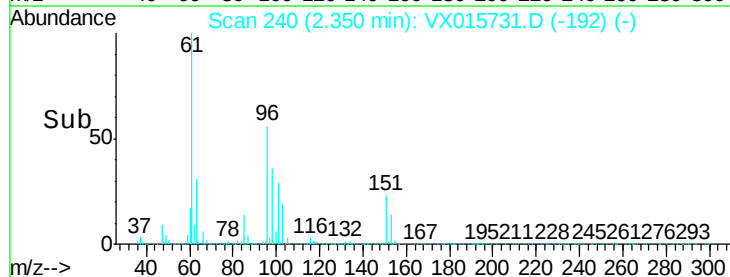
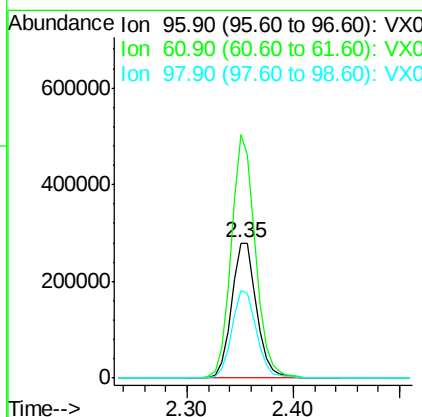
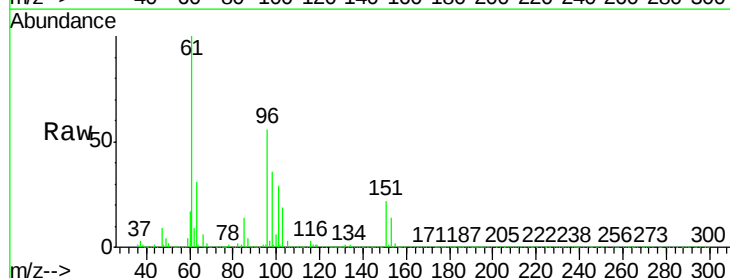
Manual Integrations
APPROVED

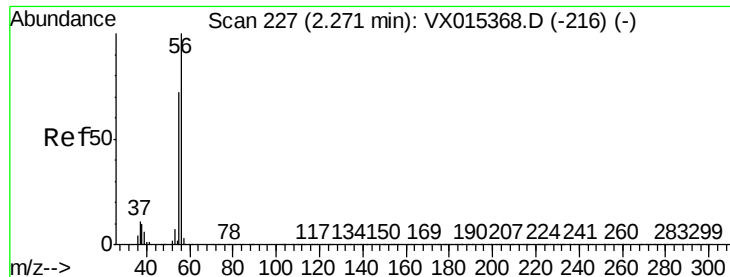
MMDadoda
4/20/2020 10:57:04 AM



#12
1,1-Dichloroethene
Concen: 49.004 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.0	135.7	203.5
98	64.9	50.6	75.8





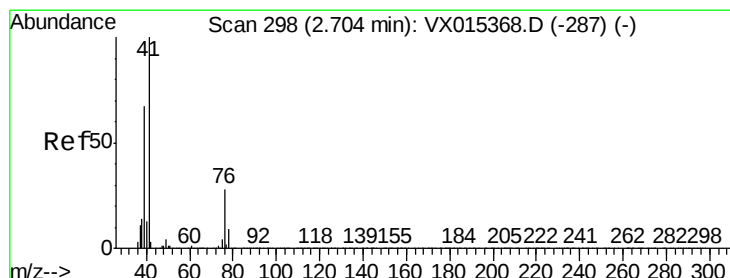
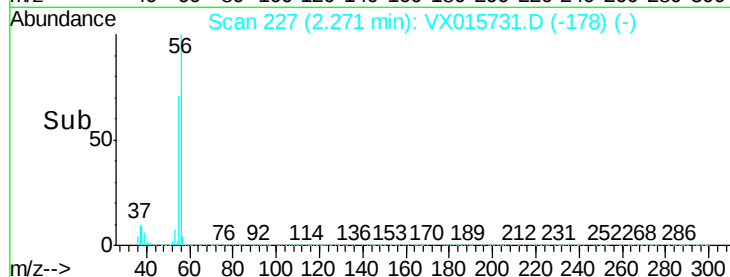
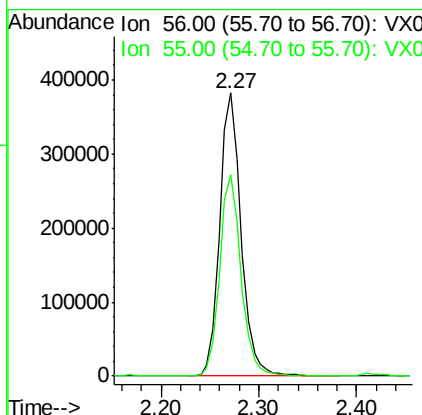
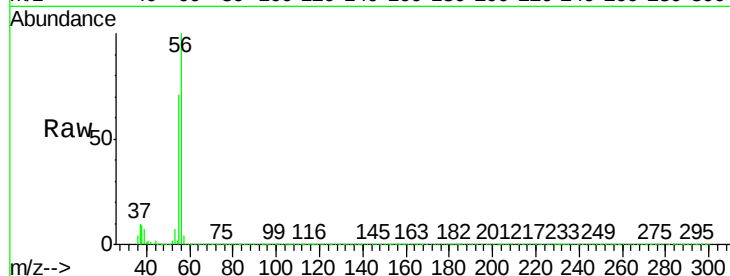
#13
Acrolein
Concen: 301.472 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.8	57.0	85.4

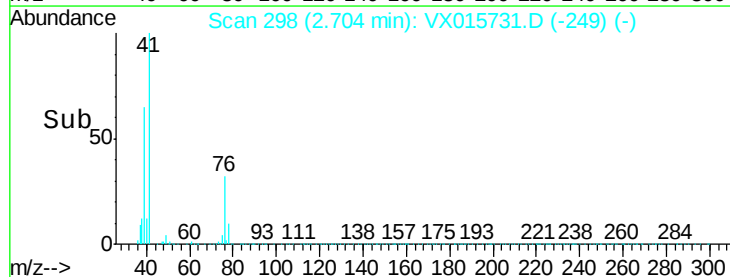
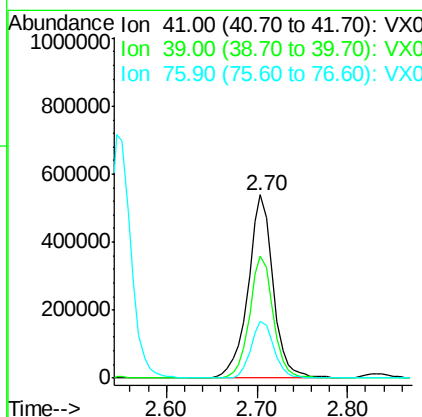
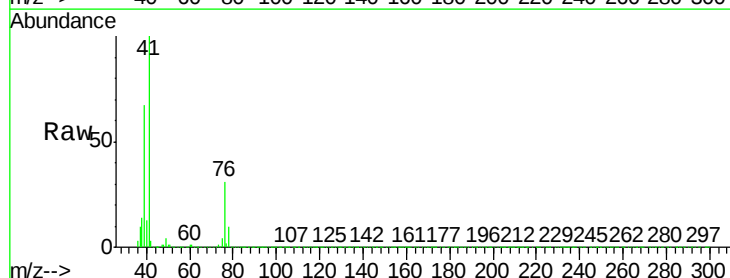
Manual Integrations
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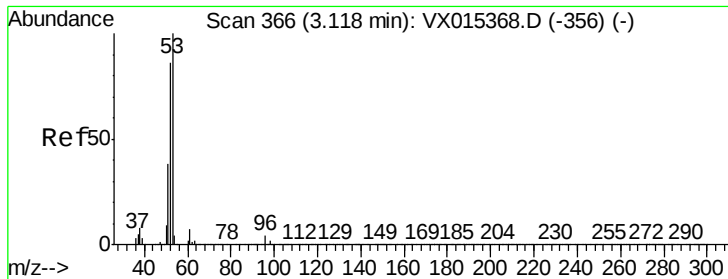
MMDadoda
4/20/2020 10:57:04 AM



#14
Allyl chloride
Concen: 46.665 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.0	51.4	77.0
76	28.6	21.8	32.8





#15

Acrylonitrile

Concen: 236.872 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1517402

Ion Ratio Lower Upper

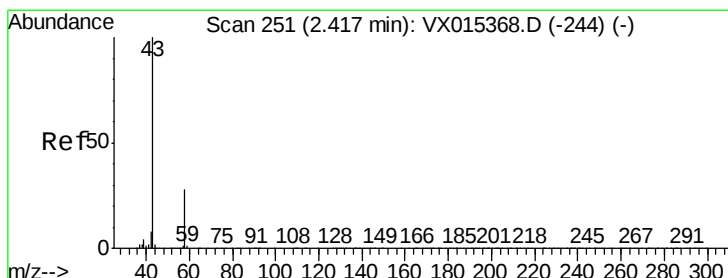
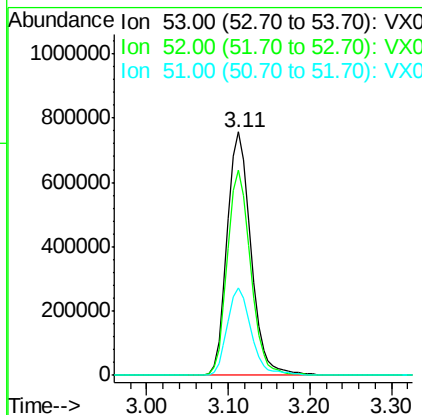
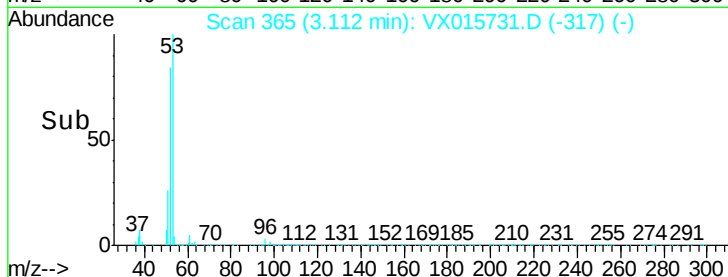
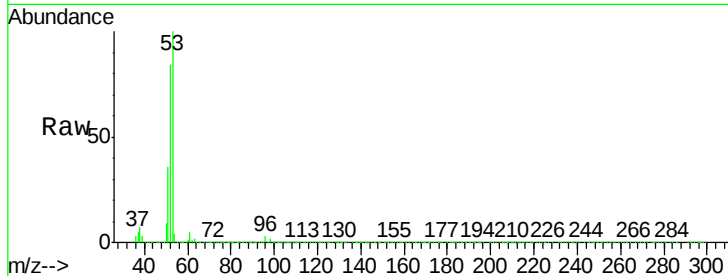
53 100

52 82.7 66.8 100.2

51 36.2 29.5 44.3

Manual Integrations
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#16

Acetone

Concen: 239.246 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015731.D

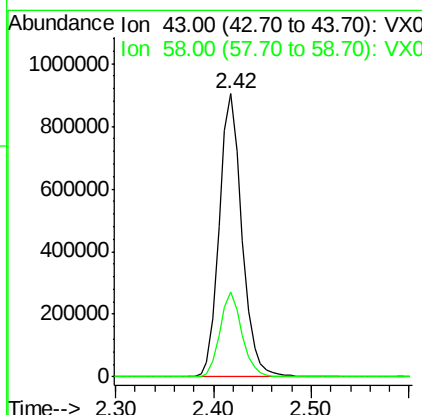
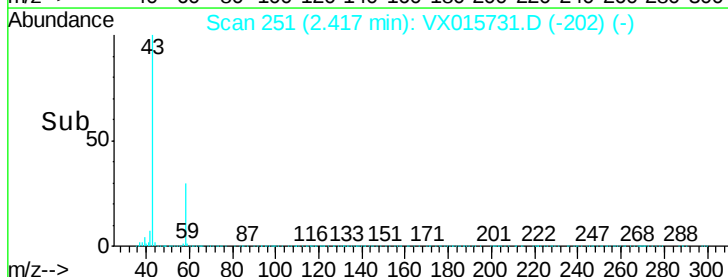
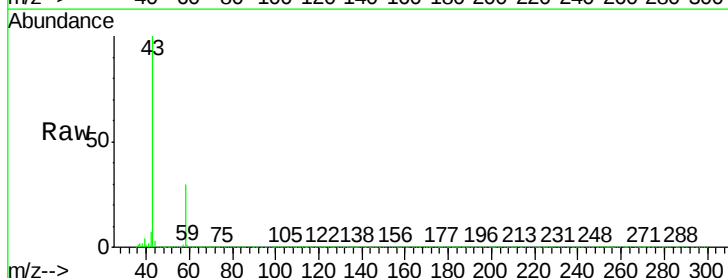
Acq: 17 Apr 2020 12:32

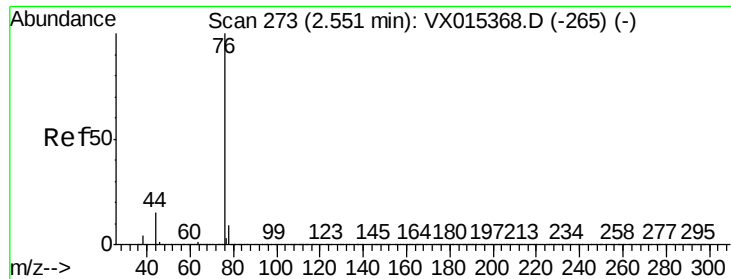
Tgt Ion: 43 Resp: 1442477

Ion Ratio Lower Upper

43 100

58 29.9 22.1 33.1





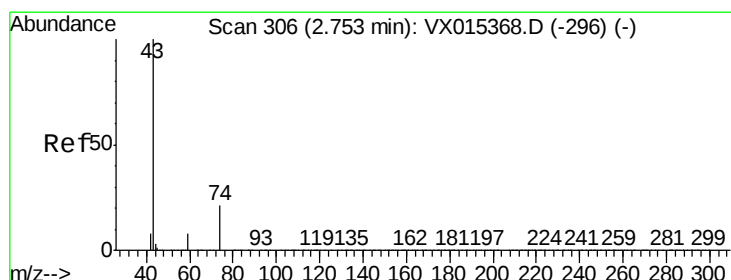
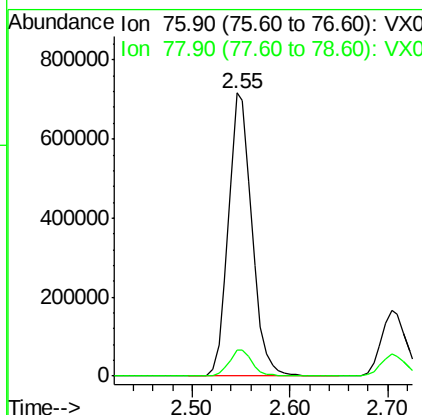
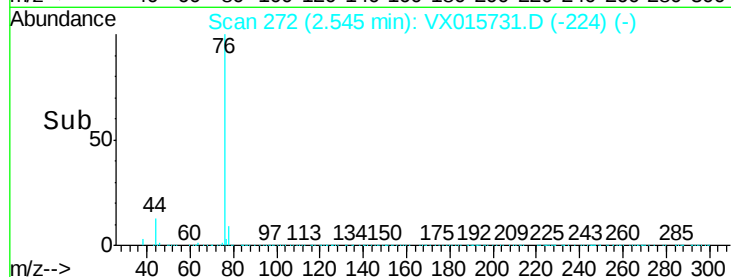
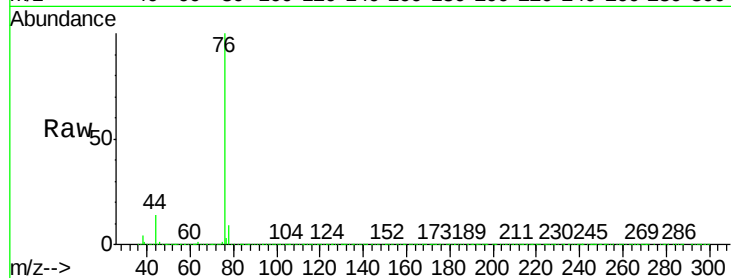
#17
Carbon Disulfide
Concen: 41.594 ug/l
RT: 2.55 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1191994
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

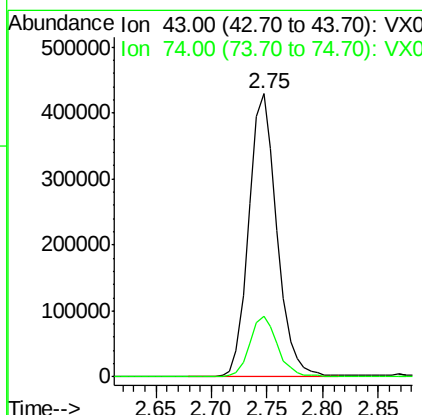
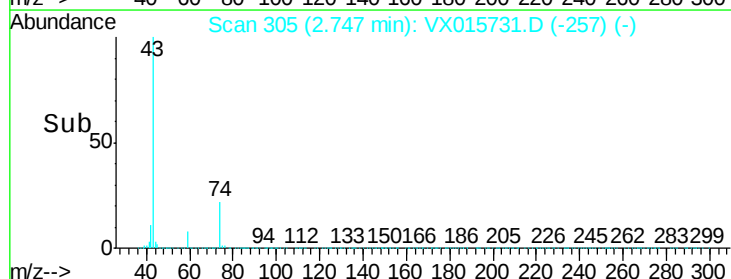
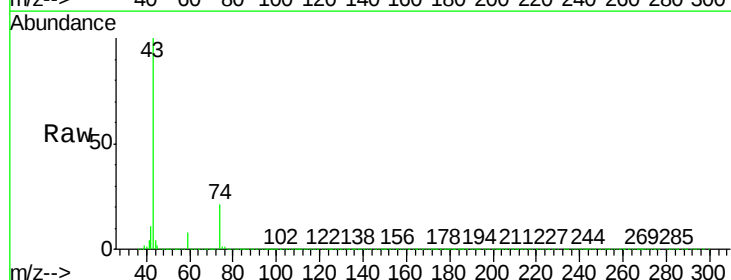
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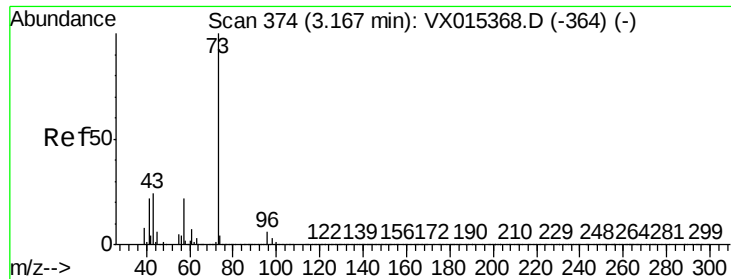
MMDadoda
4/20/2020 10:57:04 AM



#18
Methyl Acetate
Concen: 48.888 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 43 Resp: 752312
Ion Ratio Lower Upper
43 100
74 21.4 16.5 24.7





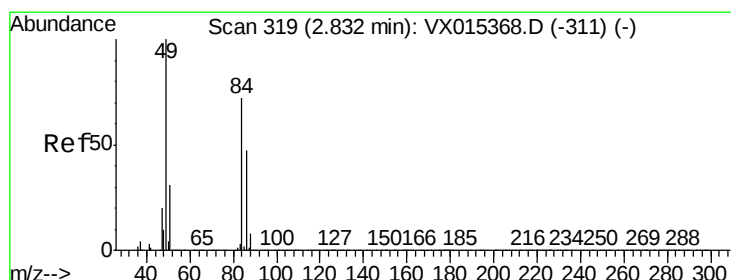
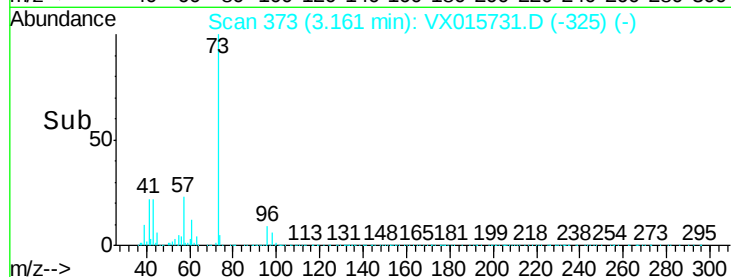
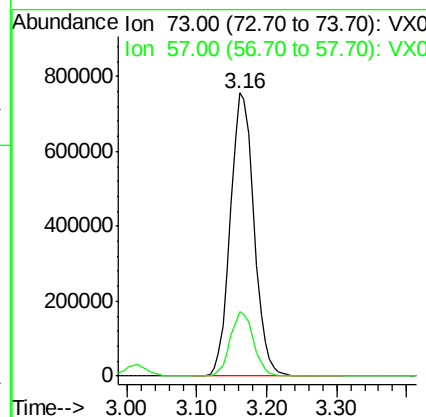
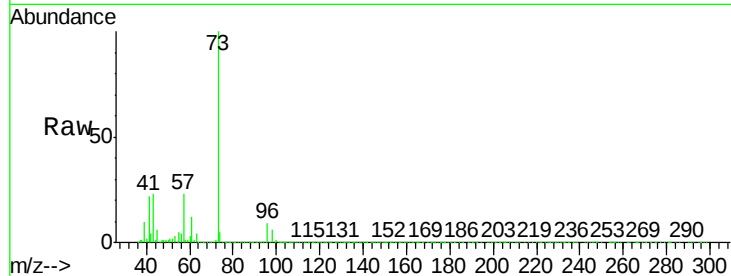
#19
Methvl tert-butvl Ether
Concen: 48.771 ug/l
RT: 3.16 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1776951
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9

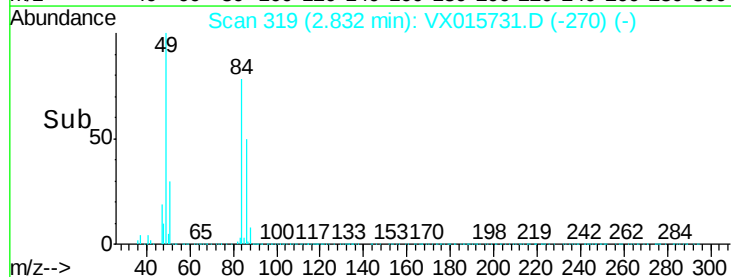
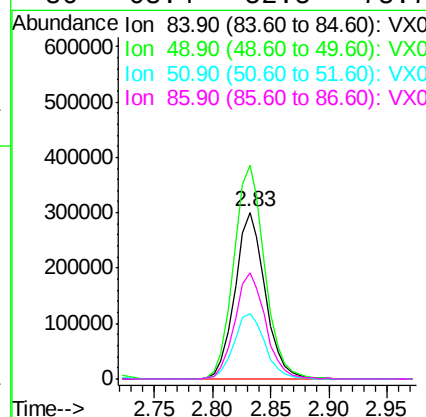
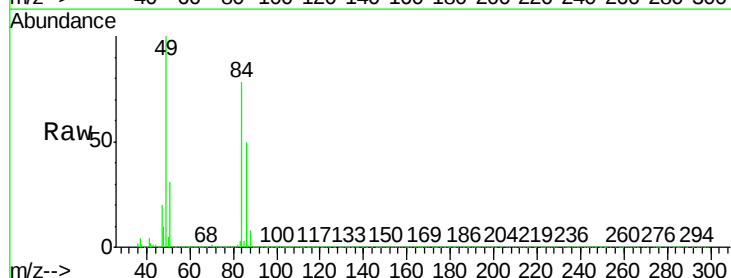
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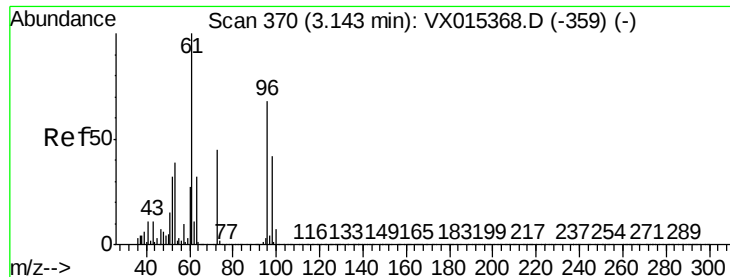
MMDadoda
4/20/2020 10:57:04 AM



#20
Methylene Chloride
Concen: 47.879 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 84 Resp: 539200
Ion Ratio Lower Upper
84 100
49 127.8 111.3 166.9
51 38.9 34.0 51.0
86 63.4 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.120 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

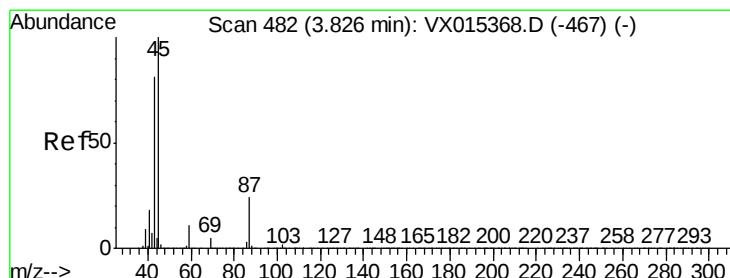
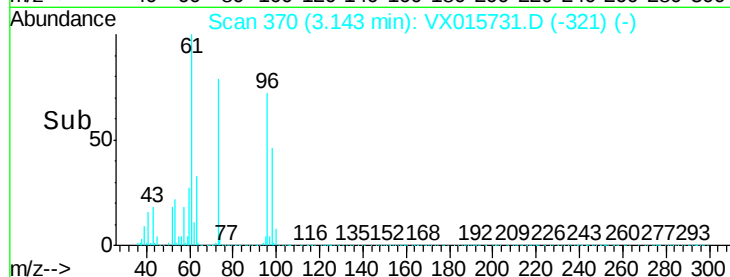
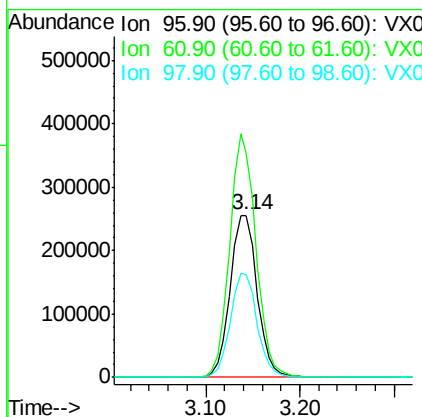
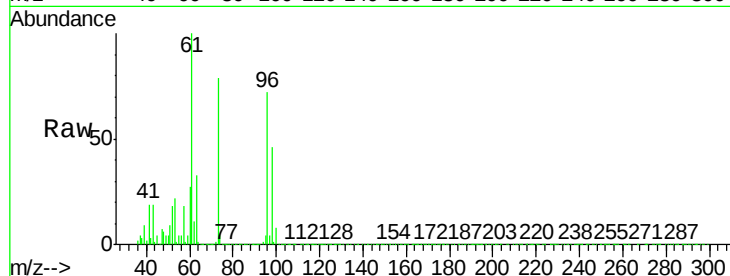
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	512108
Ion Ratio	Lower	Upper	
96	100		
61	139.0	116.9	175.3
98	63.5	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.943 ug/l

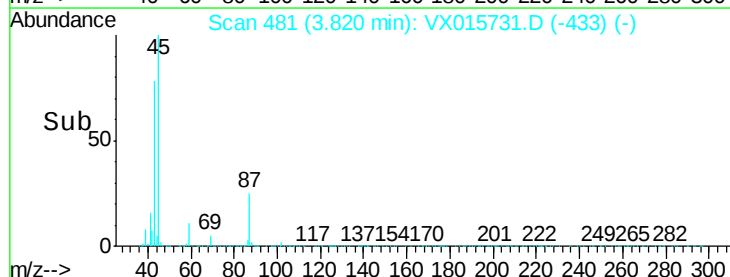
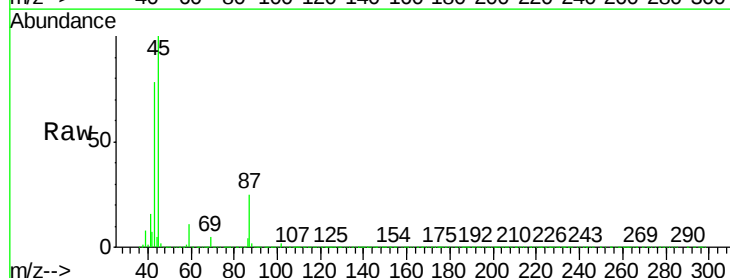
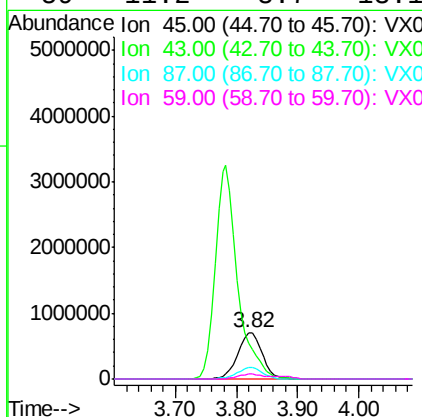
RT: 3.82 min Scan# 481

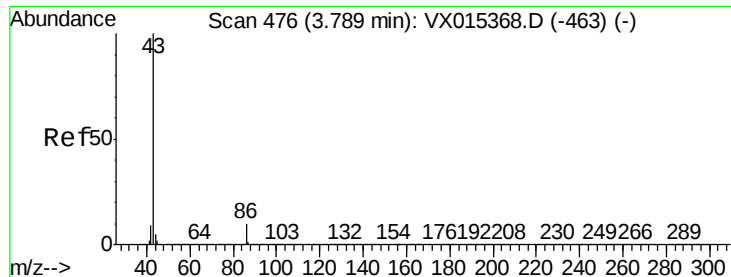
Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion:	45	Resp:	1942546
Ion Ratio	Lower	Upper	
45	100		
43	78.0	64.7	97.1
87	25.3	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 237.796 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 8374306

Ion Ratio Lower Upper

43 100

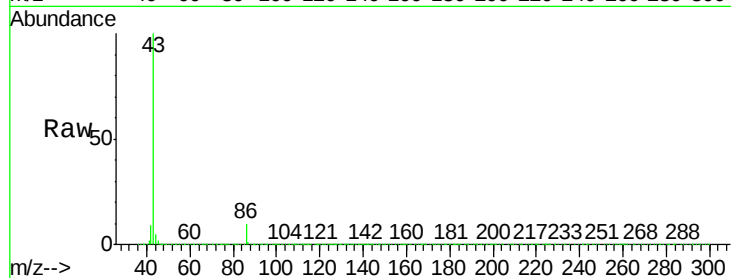
86 10.1 7.8 11.6

Manual Integrations

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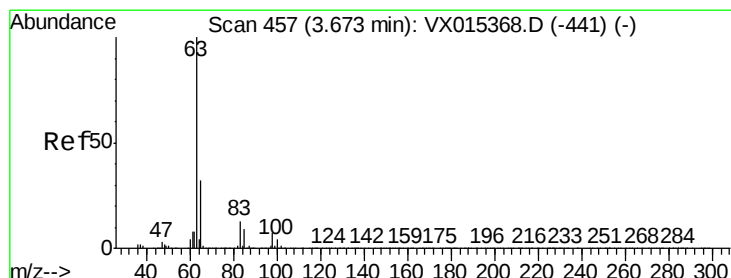
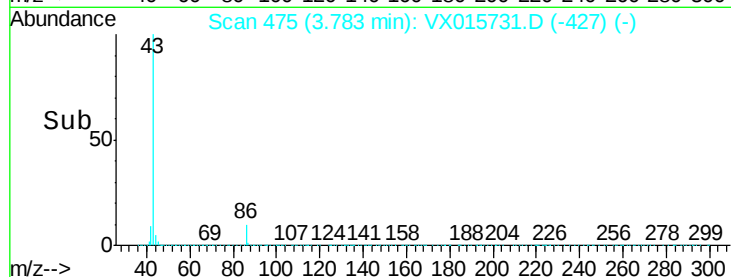
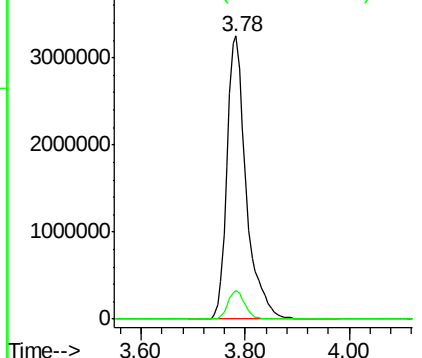
MMDadoda

4/20/2020 10:57:04 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.029 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

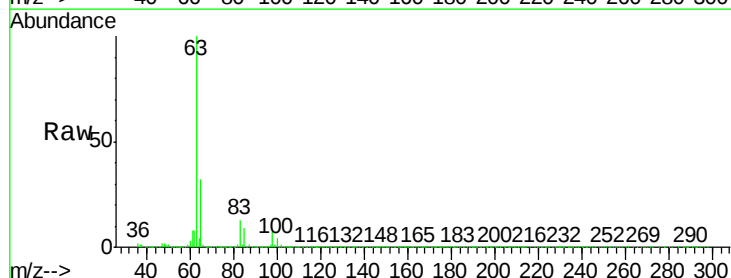
Tgt Ion: 63 Resp: 983591

Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

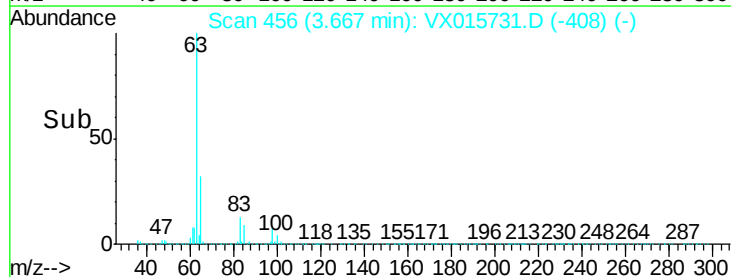
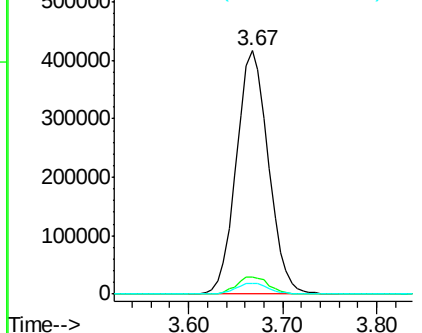
100 4.3 2.1 6.5

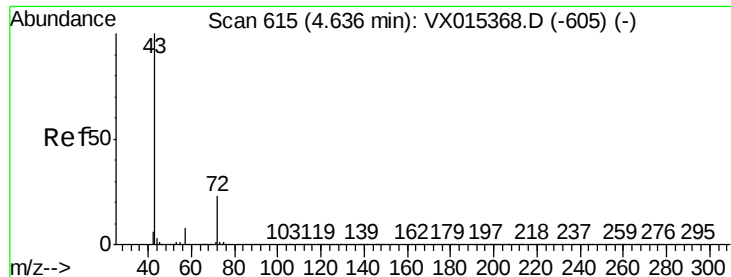


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 227.908 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tot Ion: 43 Resp: 2209875

Ion Ratio Lower Upper

43 100

72 23.2 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

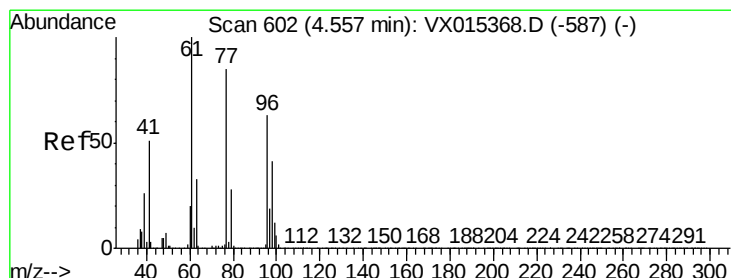
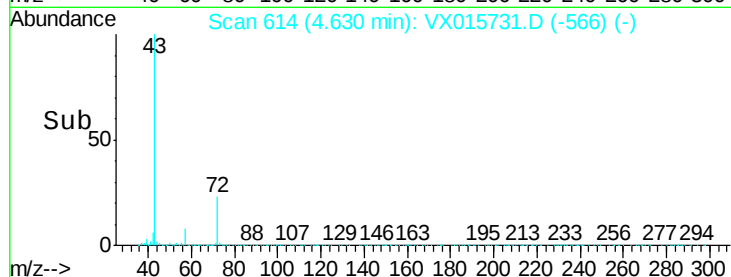
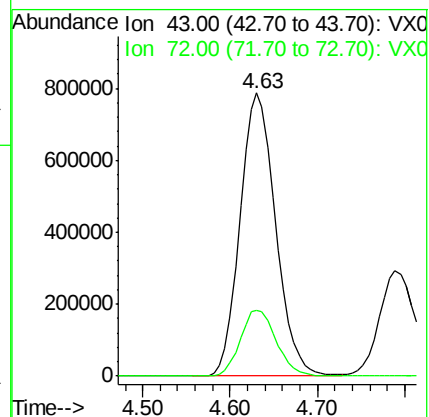
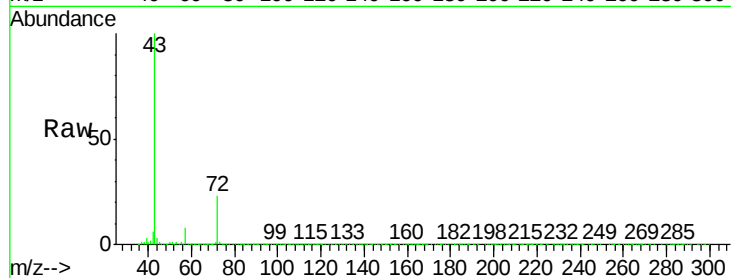
VSTDCCC050

Manual Integrations

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4/20/2020 10:57:04 AM



#26

2,2-Dichloropropane

Concen: 53.185 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015731.D

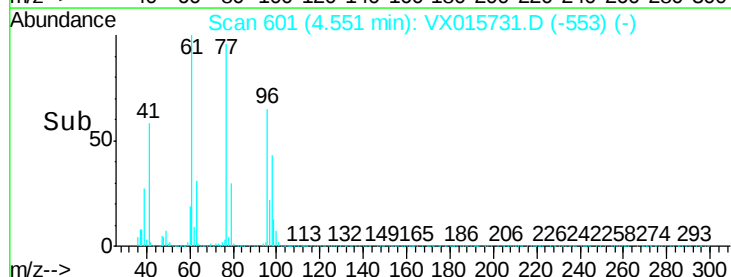
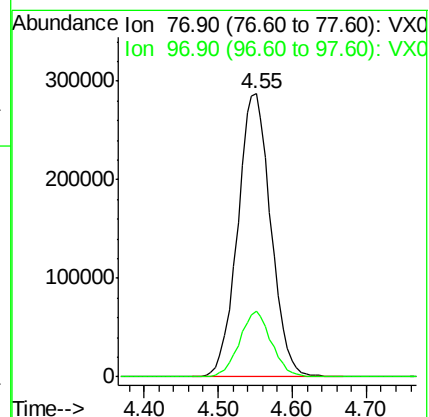
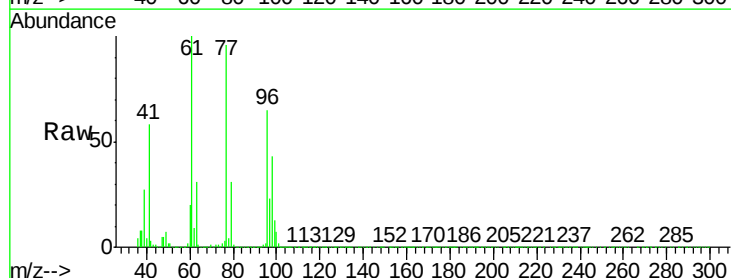
Acq: 17 Apr 2020 12:32

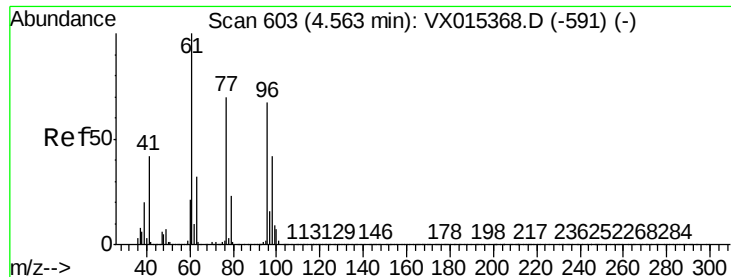
Tgt Ion: 77 Resp: 894015

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

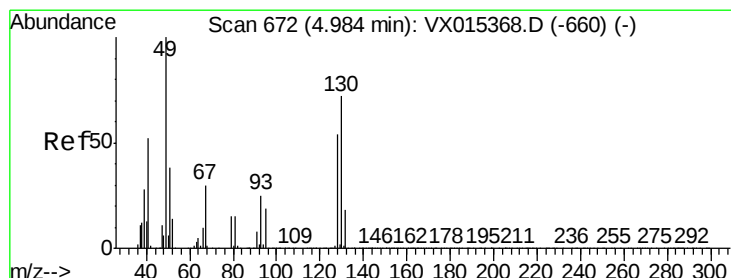
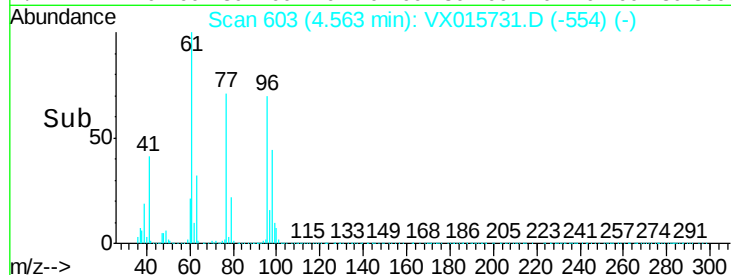
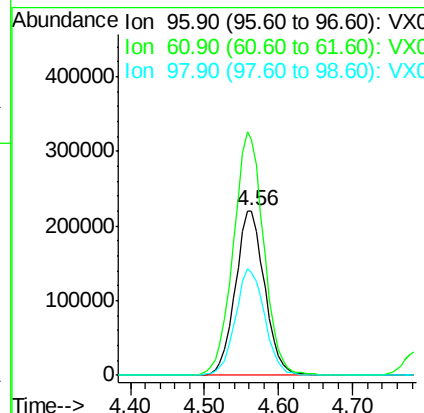
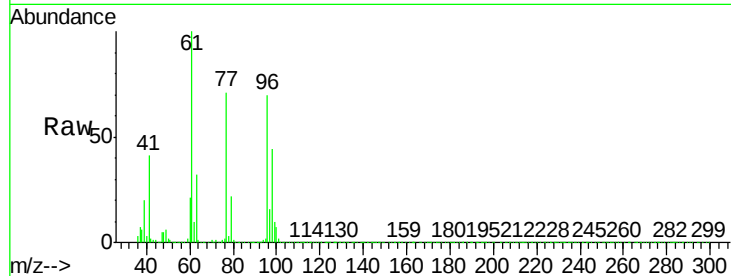
cis-1,2-Dichloroethene
Concen: 50.098 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	604284		
61	153.6	0.0	308.4	
98	65.5	0.0	129.2	

Manual Integrations
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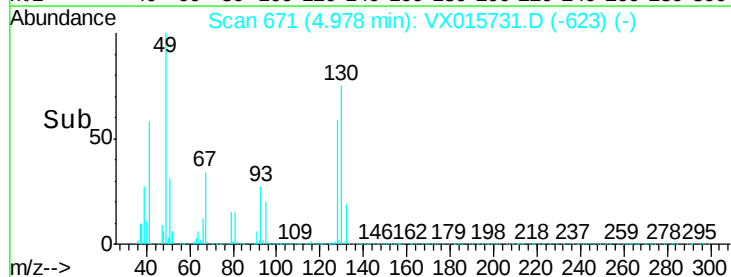
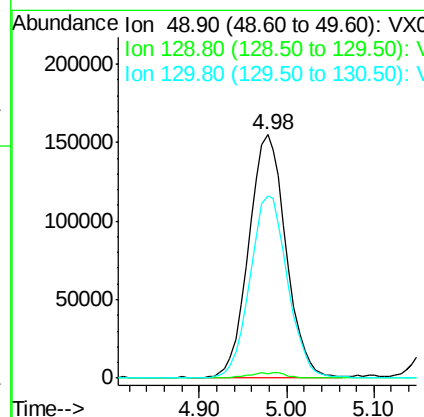
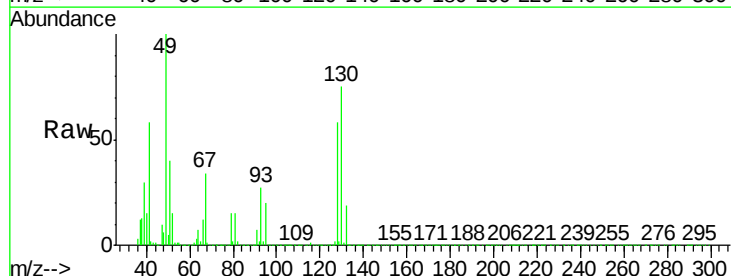
MMDadoda
4/20/2020 10:57:04 AM

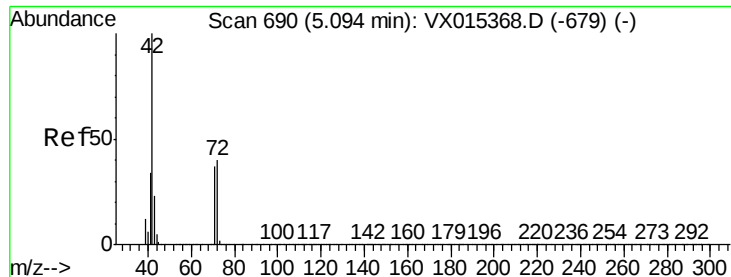


#28

Bromochloromethane
Concen: 46.786 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	457463		
129	1.3	0.0	4.4	
130	75.7	57.7	86.5	





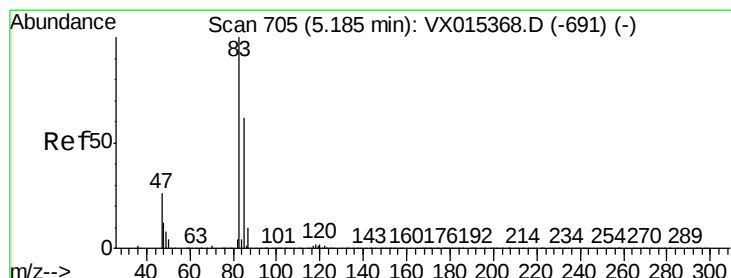
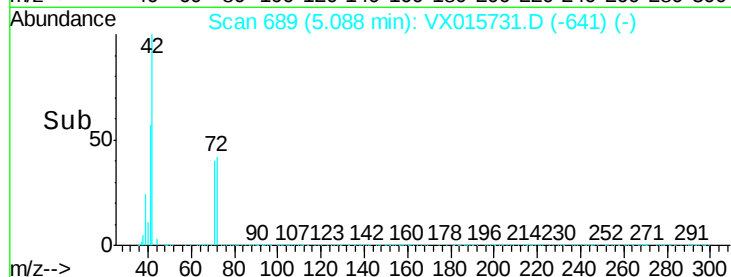
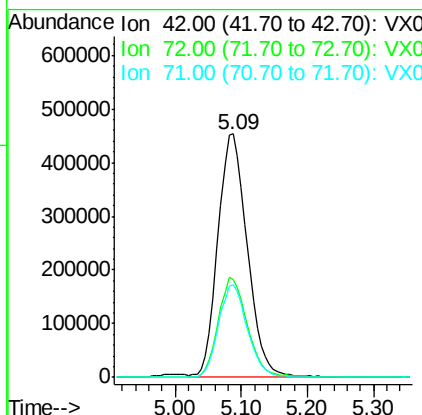
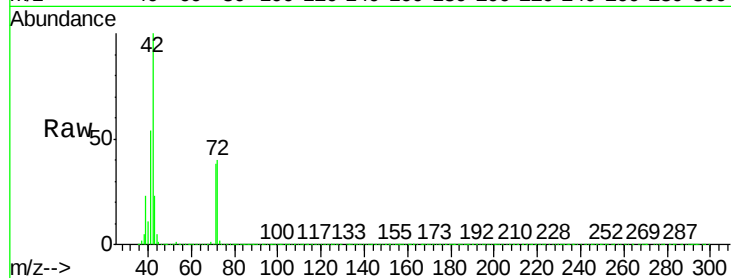
#29
Tetrahydrofuran
Concen: 223.225 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.8	31.7	47.5
71	37.5	29.6	44.4

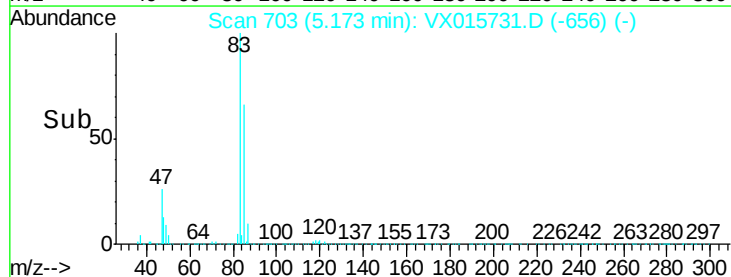
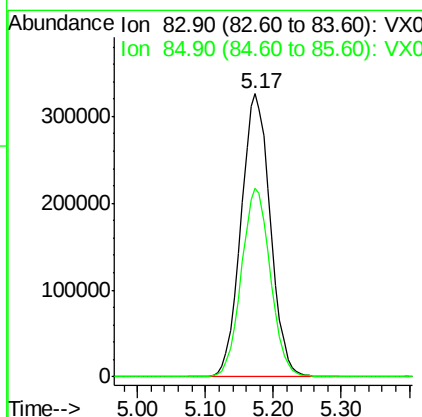
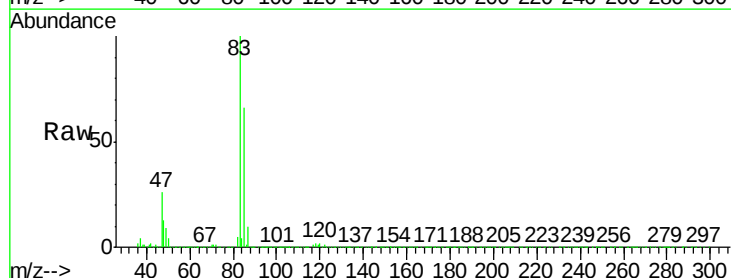
Manual Integrations
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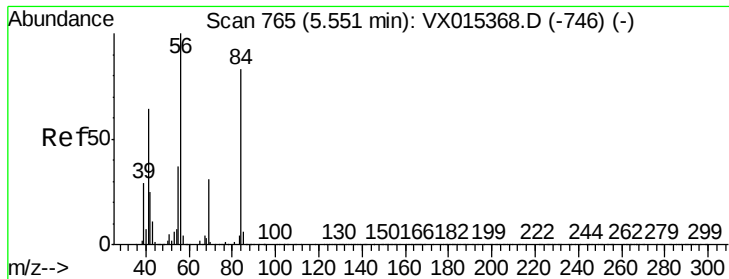
MMDadoda
4/20/2020 10:57:04 AM



#30
Chloroform
Concen: 49.506 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	49.5	74.3





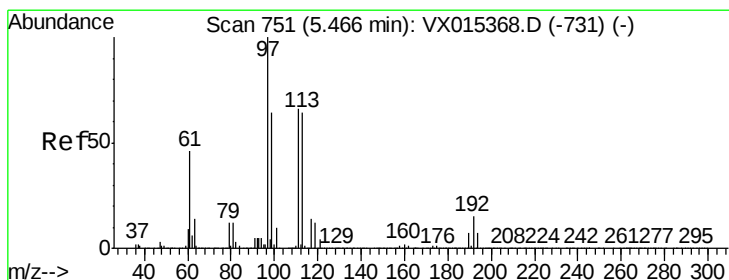
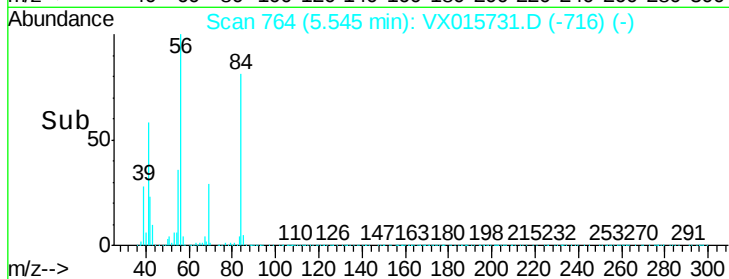
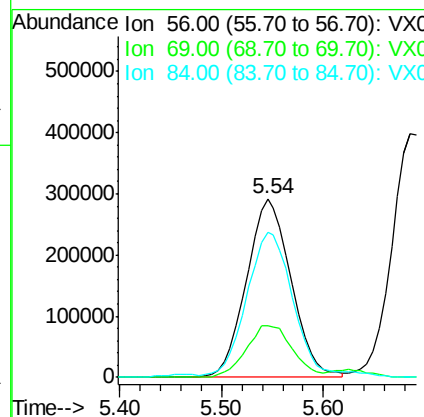
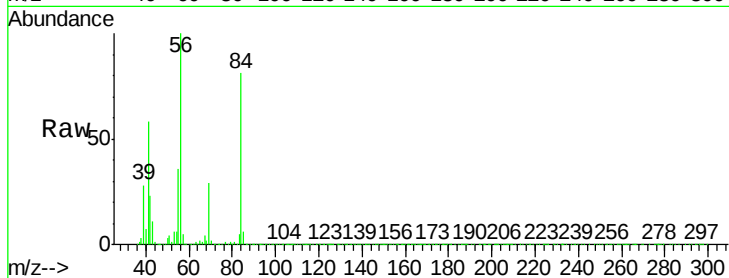
#31
Cyclohexane
Concen: 49.663 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.6	36.8
84	79.7	66.1	99.1

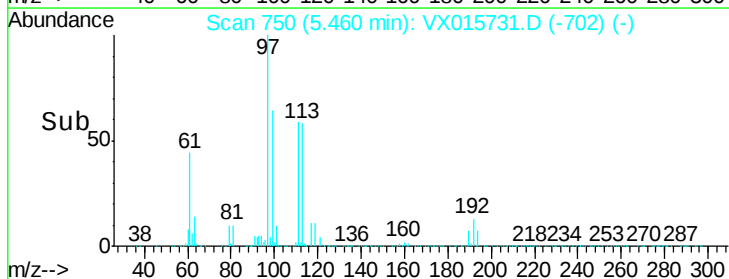
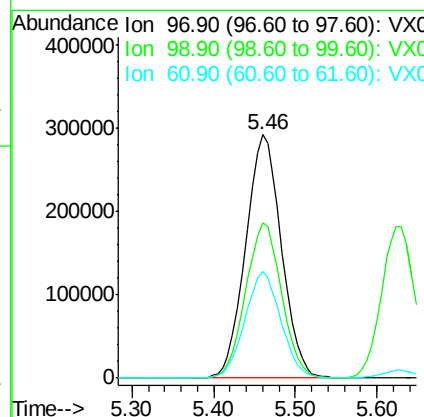
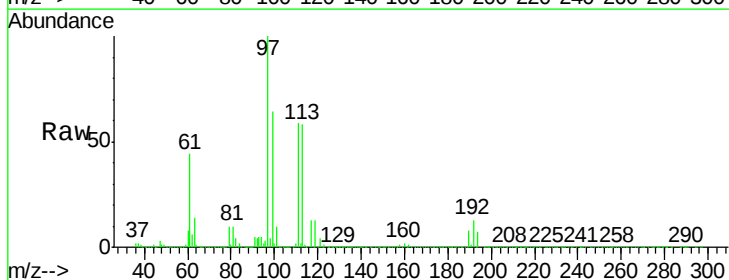
Manual Integrations
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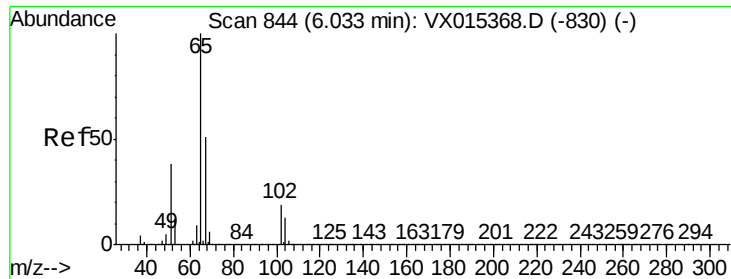
MMDadoda
4/20/2020 10:57:04 AM



#32
1,1,1-Trichloroethane
Concen: 49.777 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.0	76.4
61	44.3	36.1	54.1





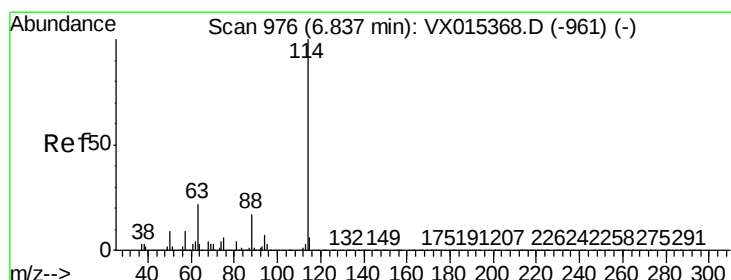
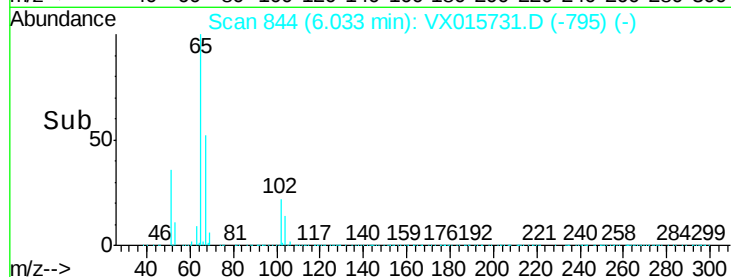
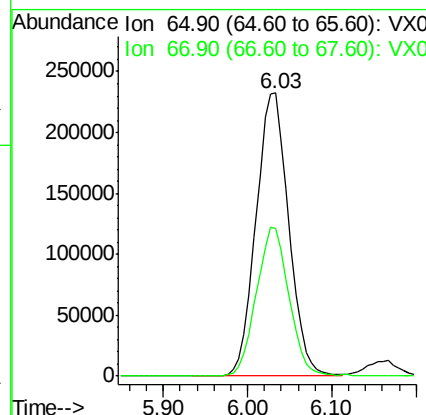
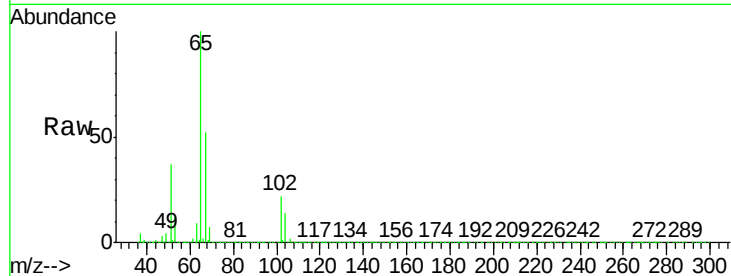
#33
 1,2-Dichloroethane-d4
 Concen: 43.674 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	102.6

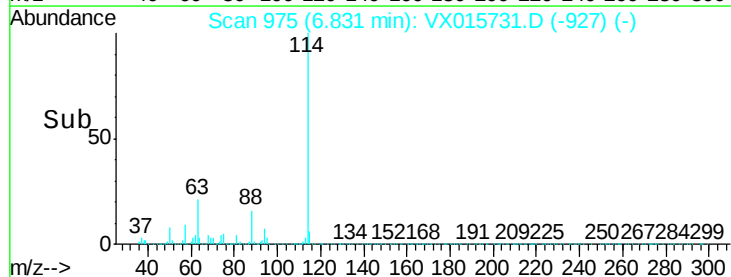
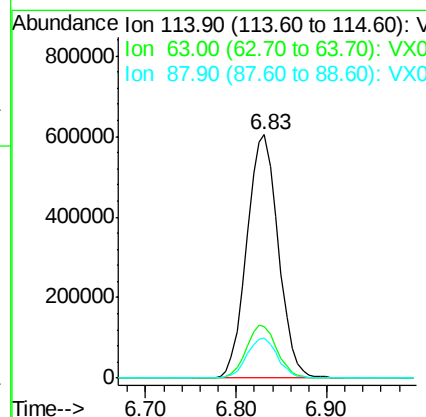
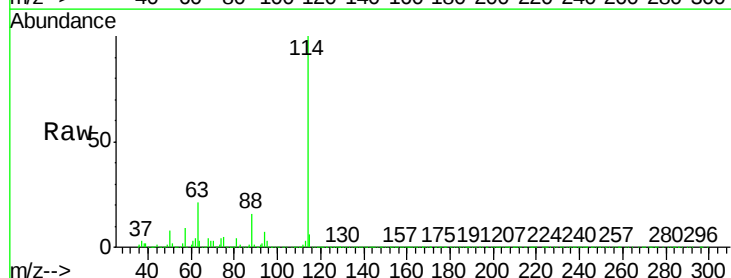
Manual Integrations
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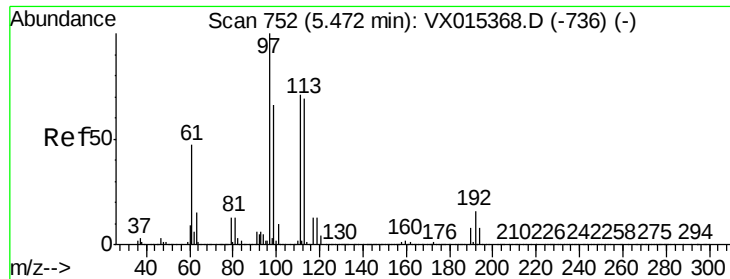
MMDadoda
 4/20/2020 10:57:04 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	44.2
88	16.3	0.0	33.8





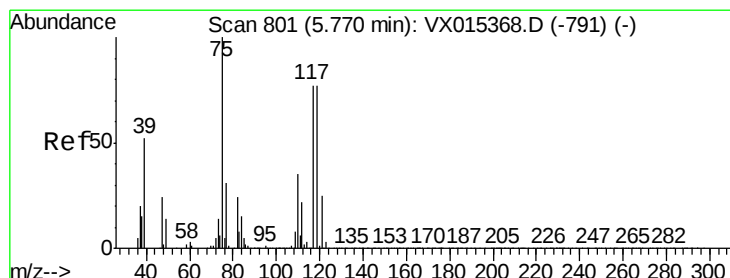
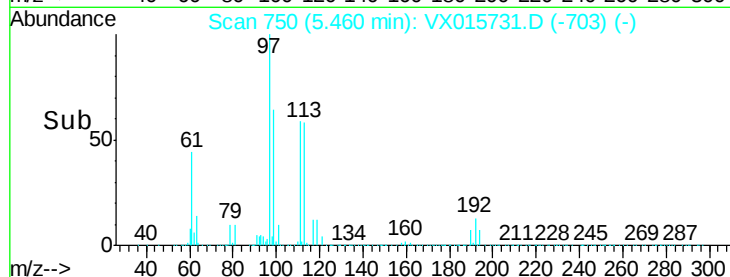
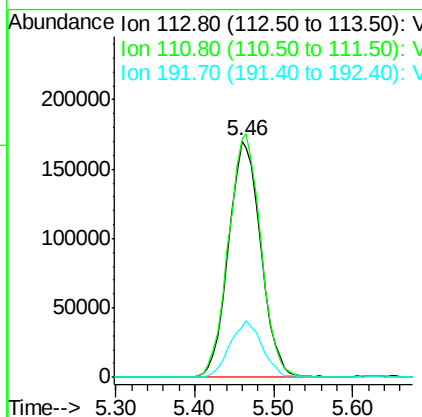
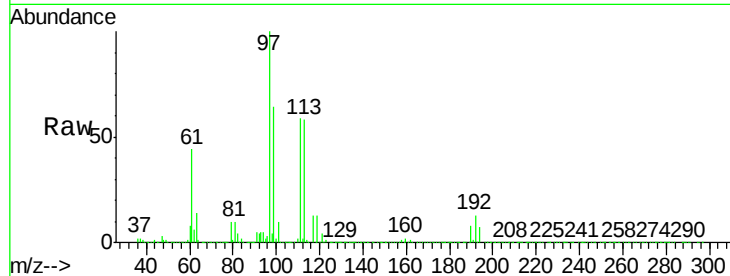
#35
 Dibromofluoromethane
 Concen: 52.310 ug/l
 RT: 5.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	484512		
111	103.2	81.5	122.3	
192	23.9	17.8	26.6	

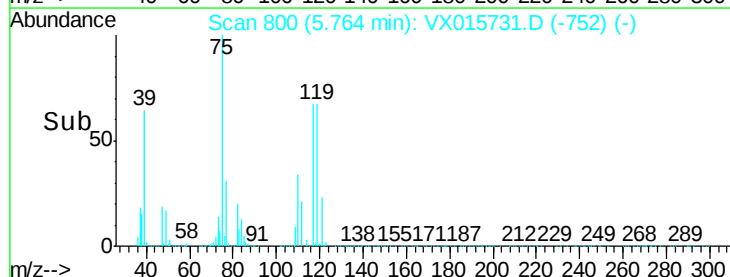
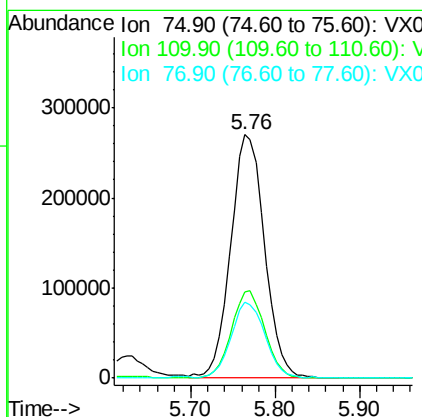
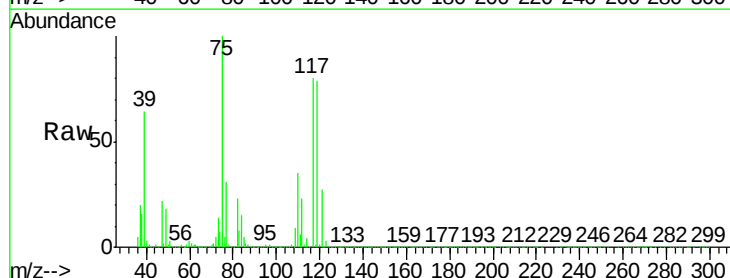
Manual Integrations
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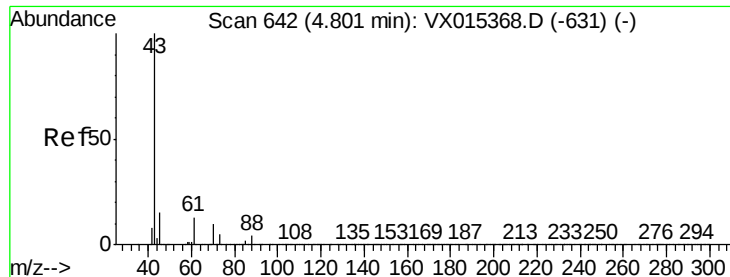
MMDadoda
 4/20/2020 10:57:04 AM



#36
 1,1-Dichloropropene
 Concen: 54.693 ug/l
 RT: 5.76 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	730193		
110	35.2	17.1	51.3	
77	30.7	24.6	36.8	





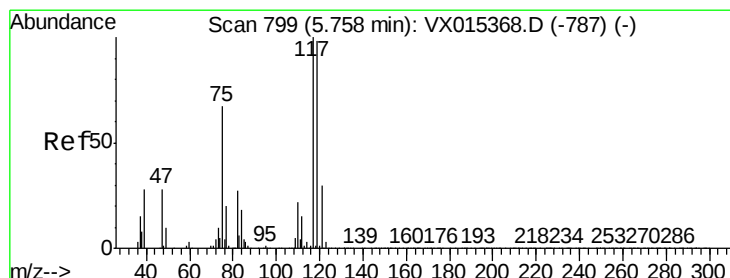
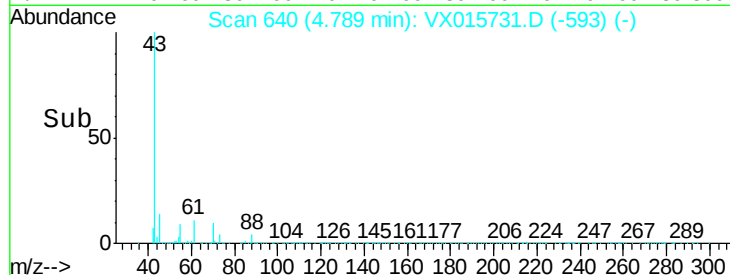
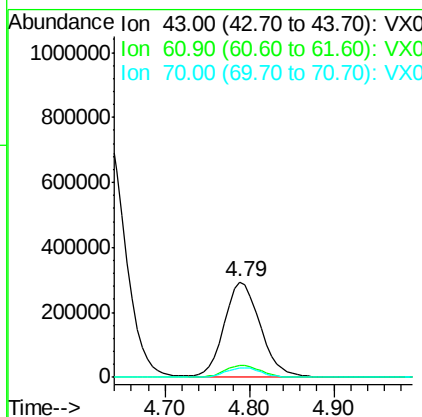
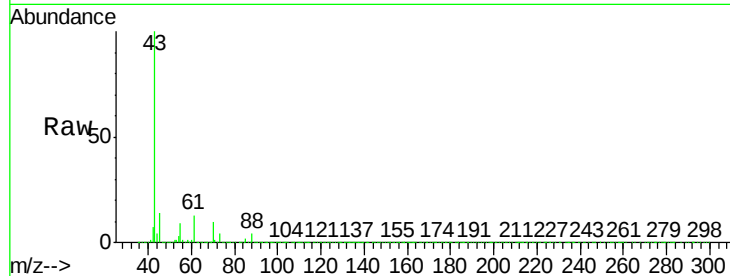
#37
Ethyl Acetate
Concen: 48.617 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.1	8.1	12.1

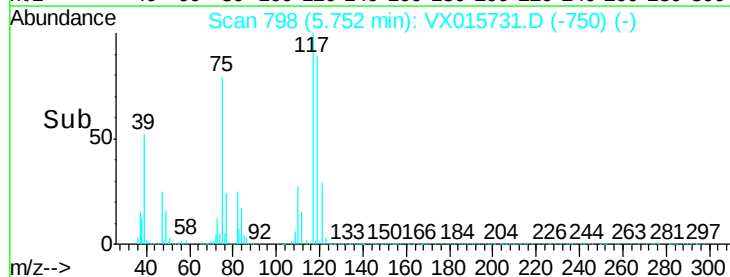
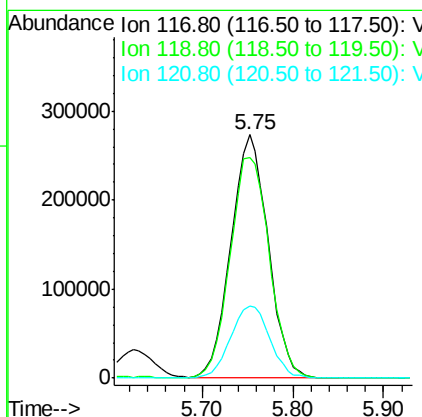
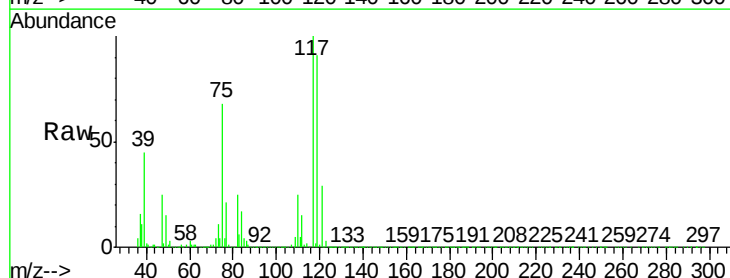
Manual Integrations
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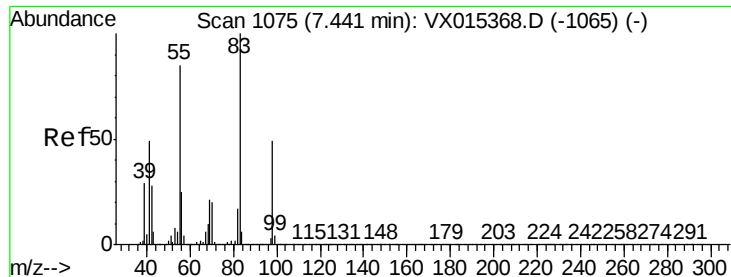
MMDadoda
4/20/2020 10:57:04 AM



#38
Carbon Tetrachloride
Concen: 53.508 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.6	78.0	117.0
121	29.4	23.8	35.8





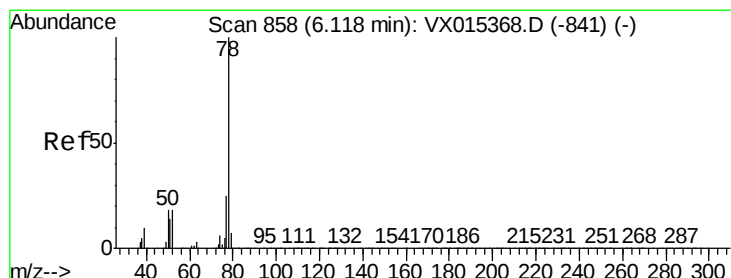
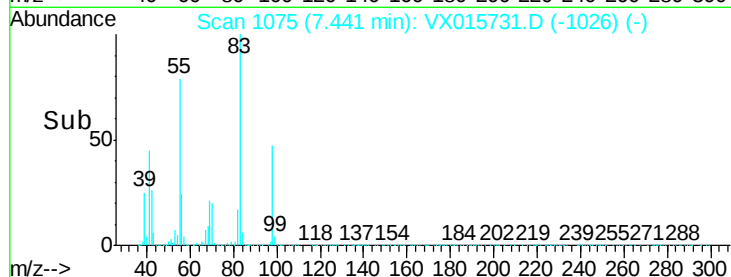
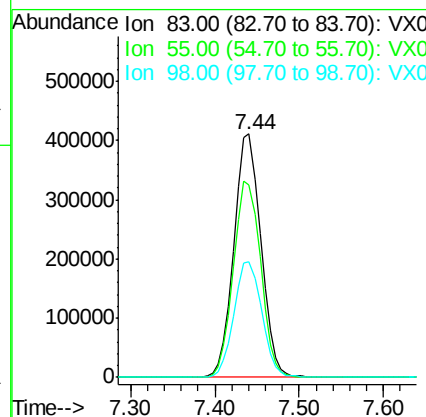
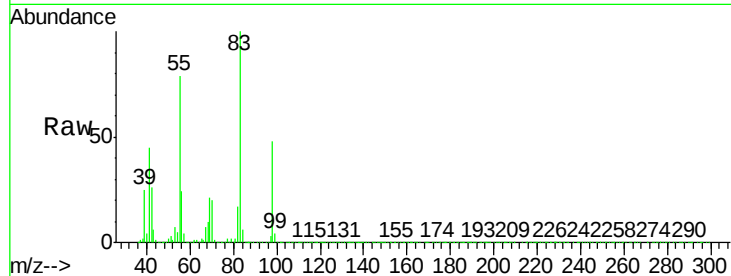
#39
Methvlcvclohexane
Concen: 57.851 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	67.8	101.6
98	47.5	39.3	58.9

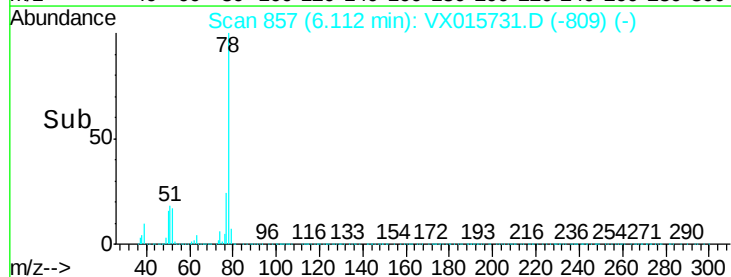
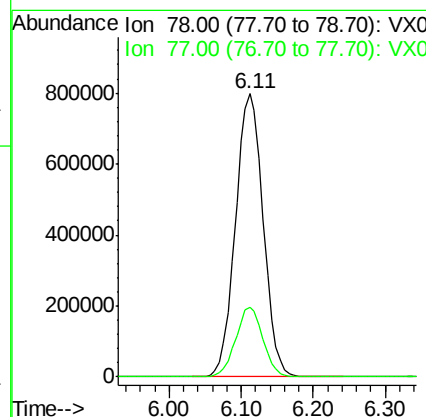
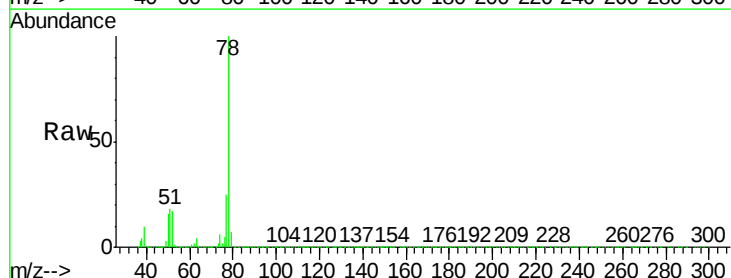
Manual Integrations
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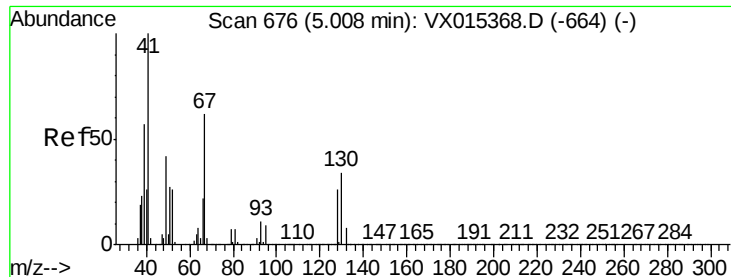
MMDadoda
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#40
Benzene
Concen: 54.319 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.8	29.8





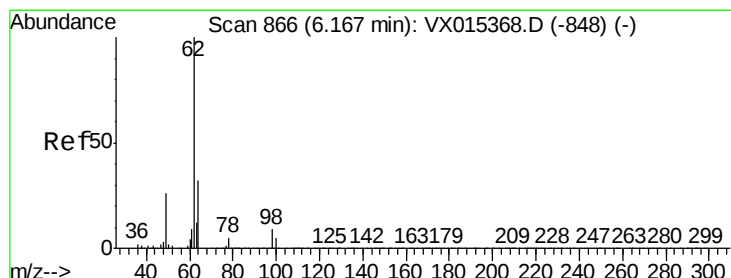
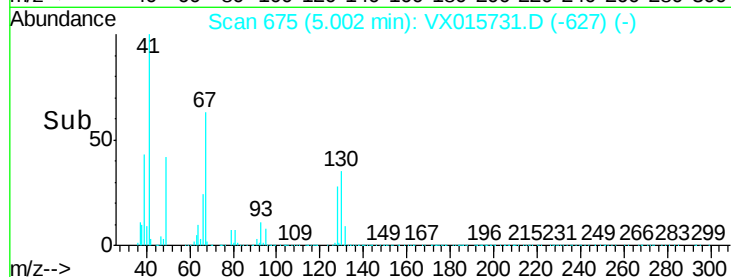
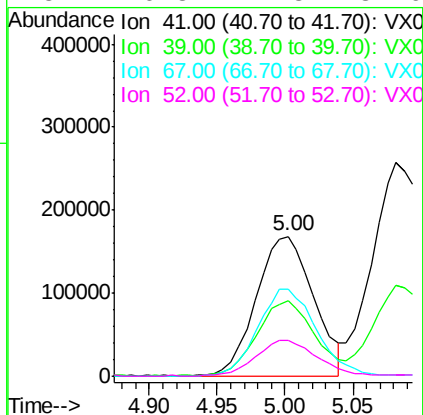
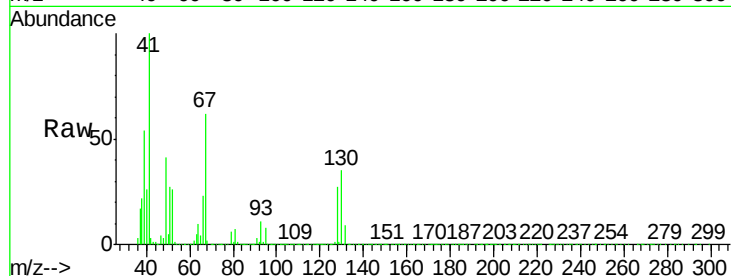
#41
Methacrylonitrile
Concen: 51.046 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		492587		
39	54.7	44.5	66.7		
67	63.9	48.9	73.3		
52	26.8	21.8	32.6		

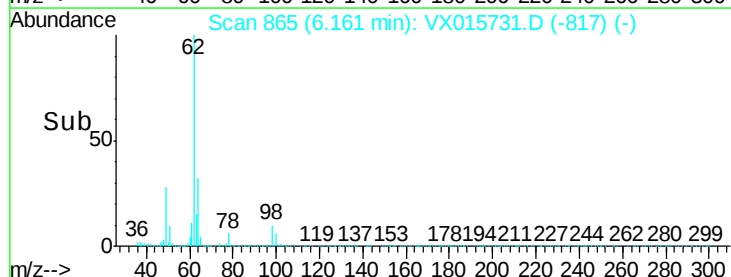
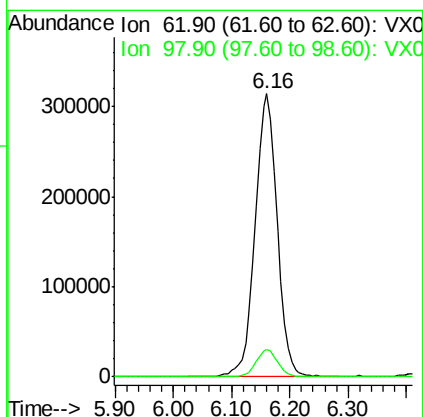
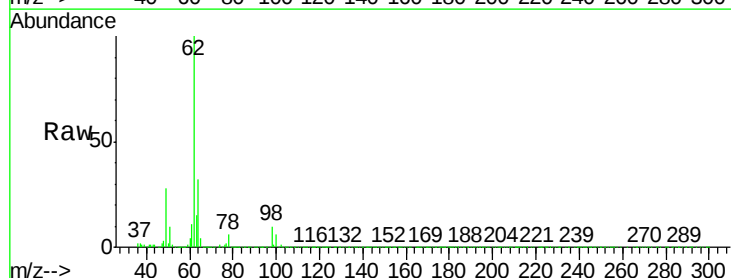
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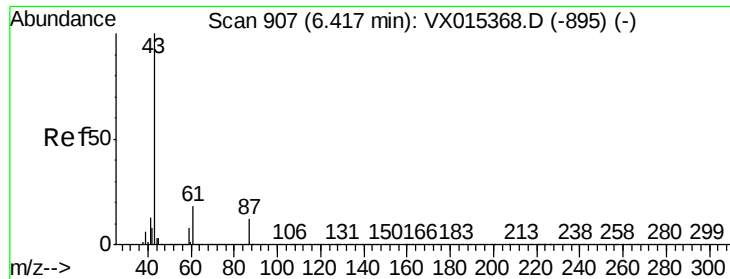
MMDadoda
4/20/2020 10:57:04 AM



#42
1,2-Dichloroethane
Concen: 52.655 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		827149		
98	9.4	0.0	17.6		





#43

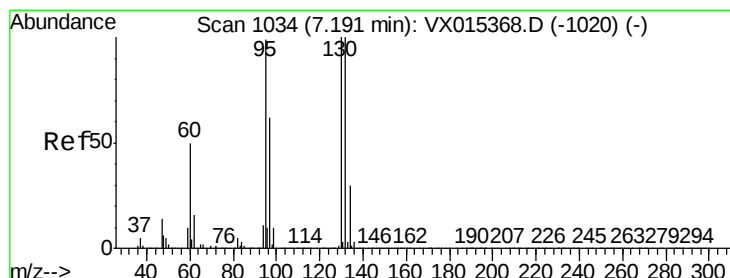
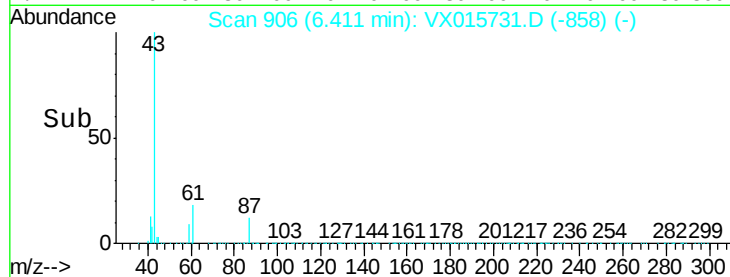
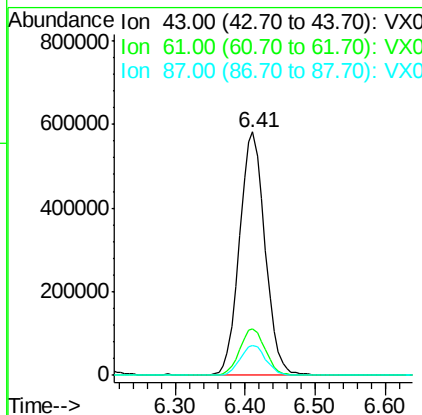
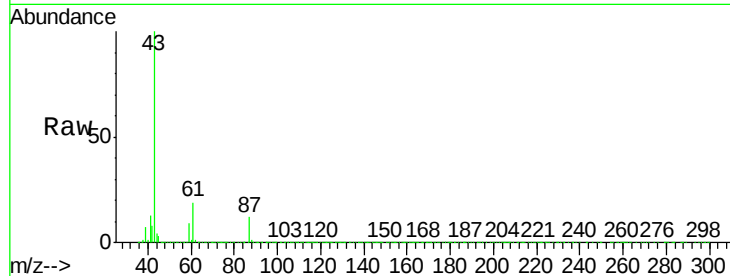
Isopropyl Acetate
 Concen: 50.024 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	14.8	22.2
87	12.3	9.4	14.0

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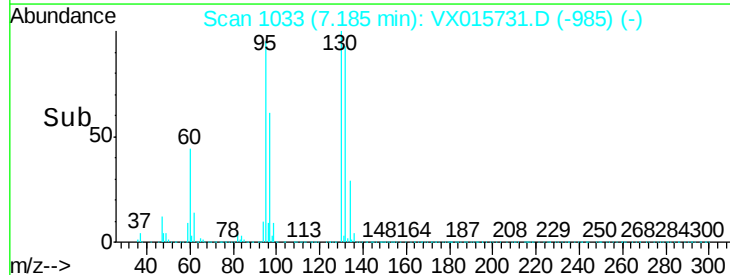
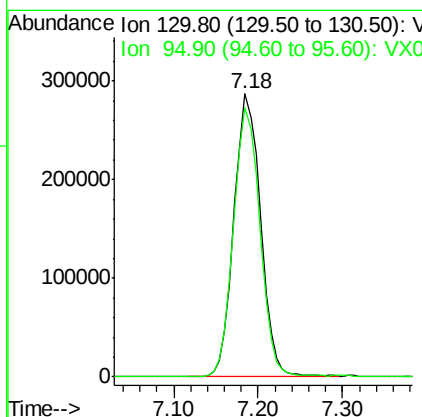
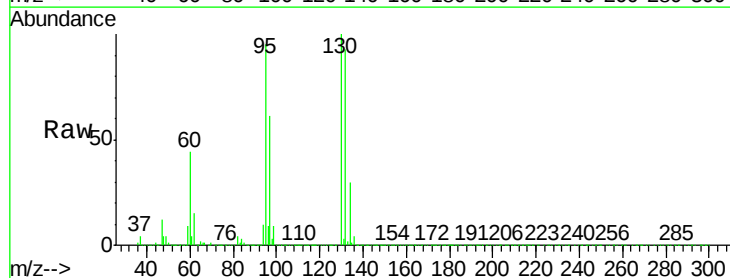
MMDadoda
 4/20/2020 10:57:04 AM

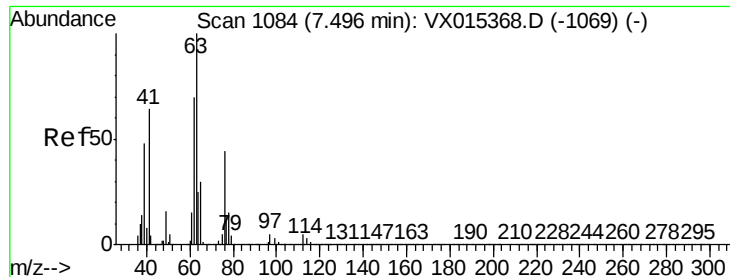


#44

Trichloroethene
 Concen: 57.341 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	199.0





#45

1,2-Dichloropropane

Concen: 53.828 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 575874

Ion Ratio Lower Upper

63 100

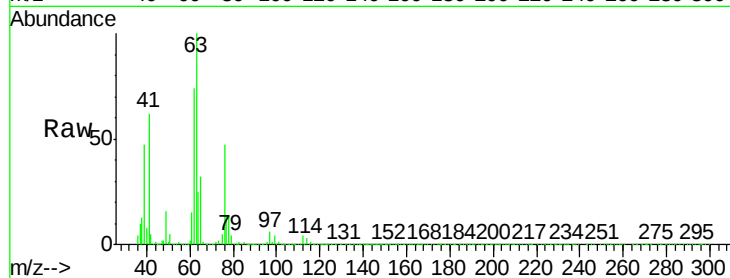
65 32.0 23.9 35.9

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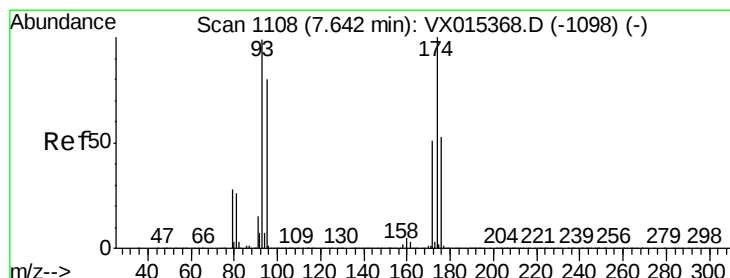
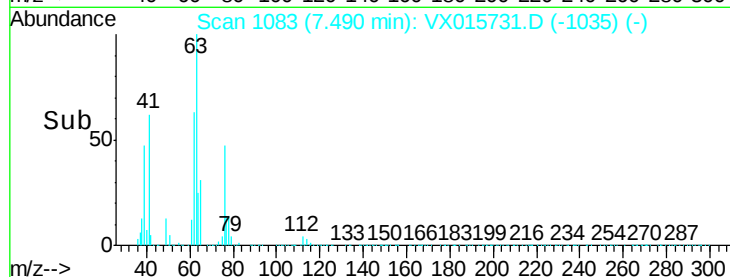
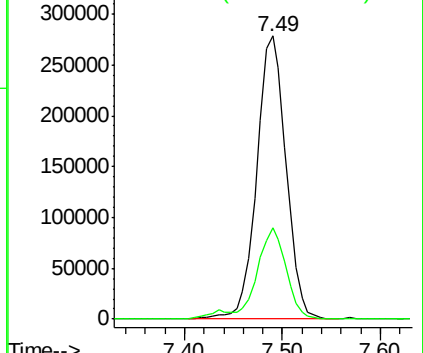
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 53.464 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

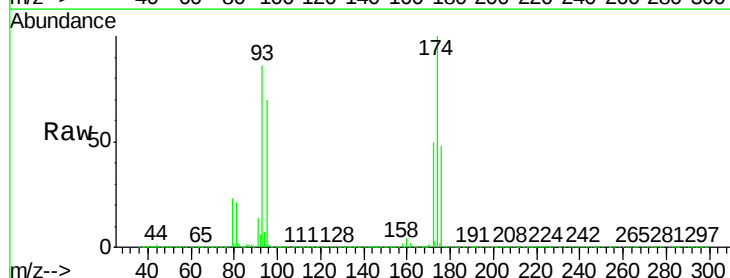
Tgt Ion: 93 Resp: 375201

Ion Ratio Lower Upper

93 100

95 82.1 65.8 98.8

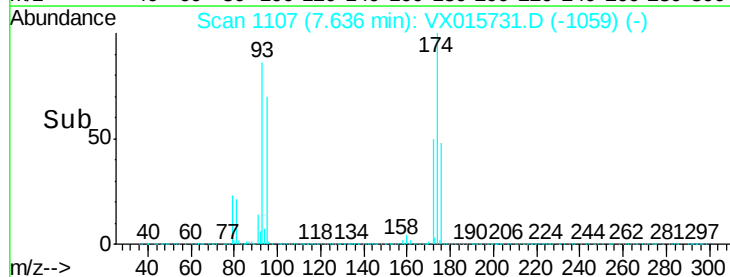
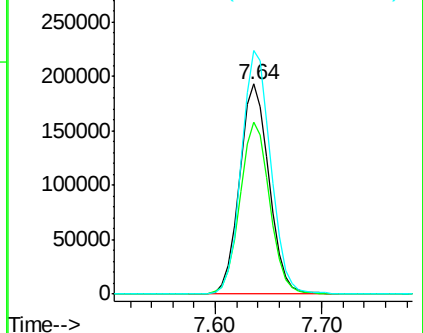
174 115.4 86.2 129.2

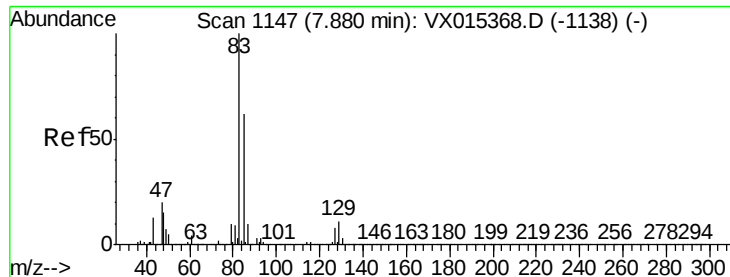


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 53.411 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

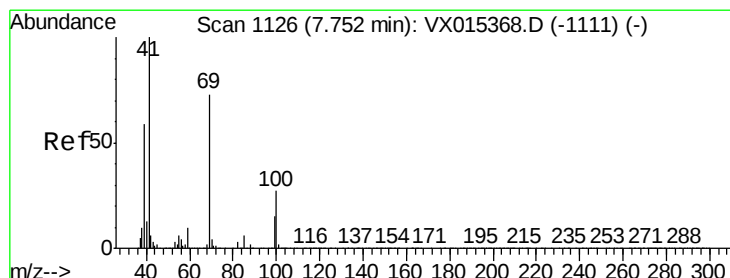
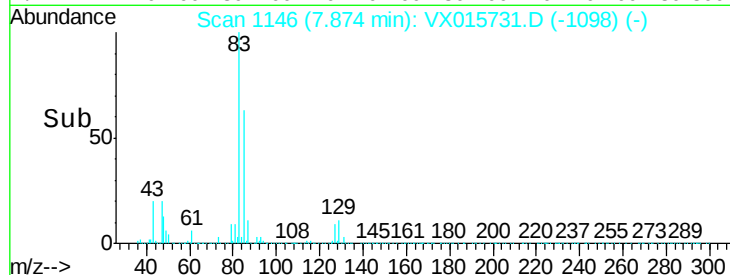
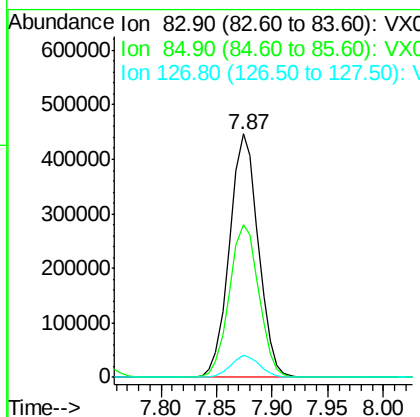
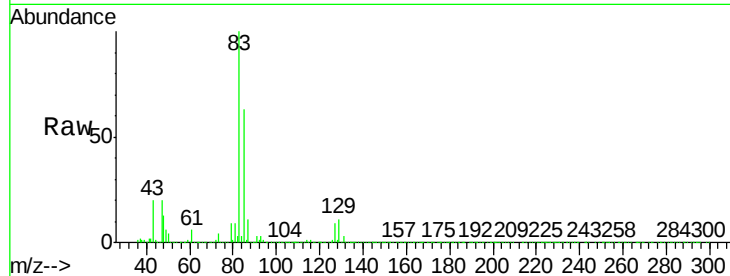
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	798700
Ion Ratio	Lower	Upper	
83	100		
85	62.8	49.7	74.5
127	9.0	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.019 ug/l

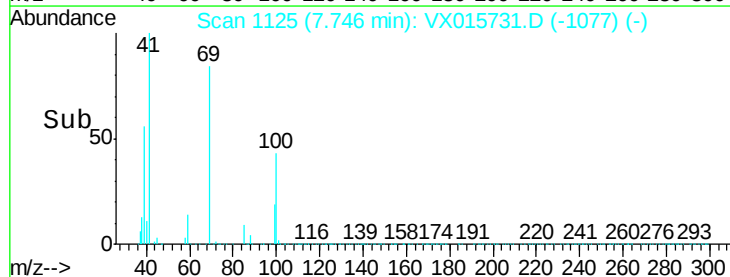
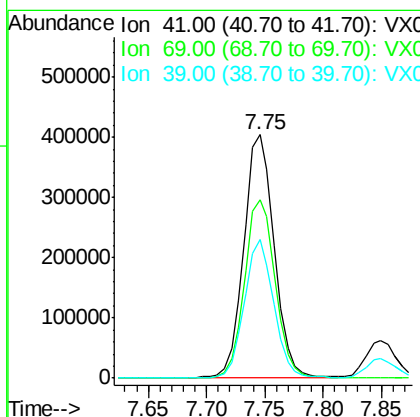
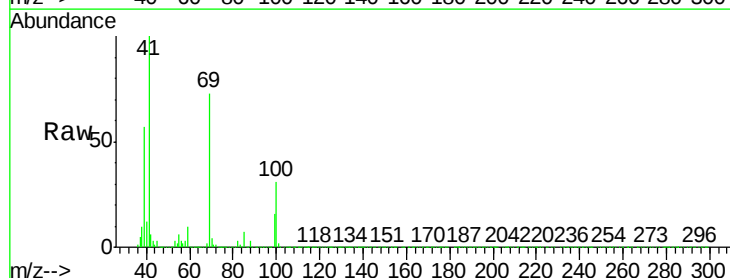
RT: 7.75 min Scan# 1125

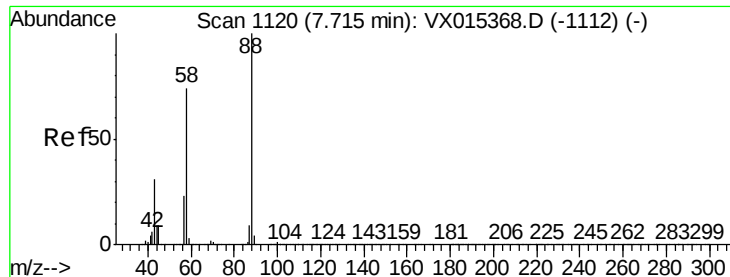
Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion:	41	Resp:	733153
Ion Ratio	Lower	Upper	
41	100		
69	74.2	56.7	85.1
39	55.2	46.5	69.7





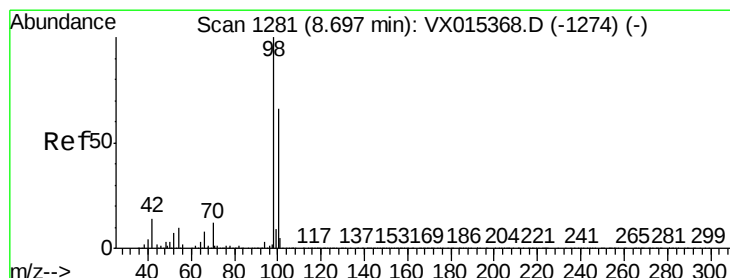
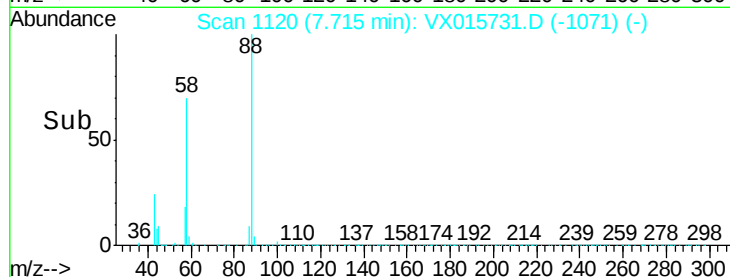
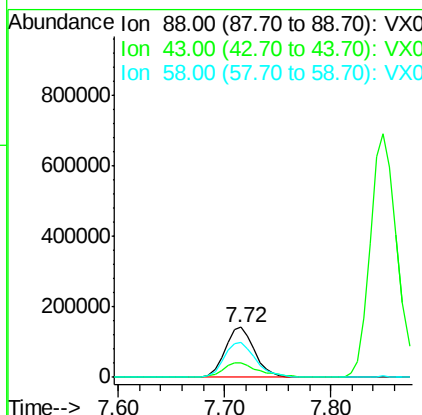
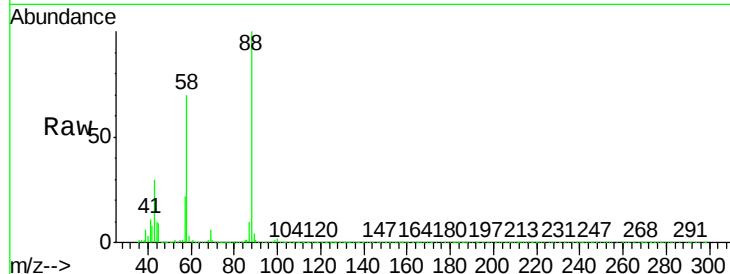
#49
1,4-Dioxane
Concen: 1005.137 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.5	30.1	45.1
58	73.4	60.6	90.8

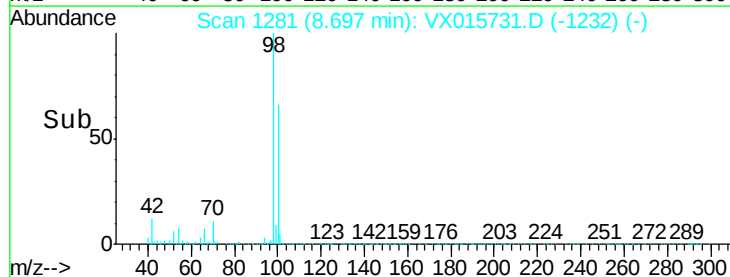
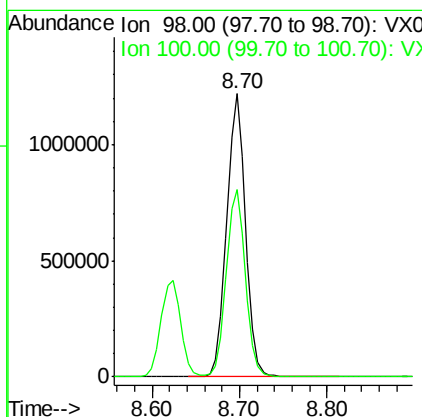
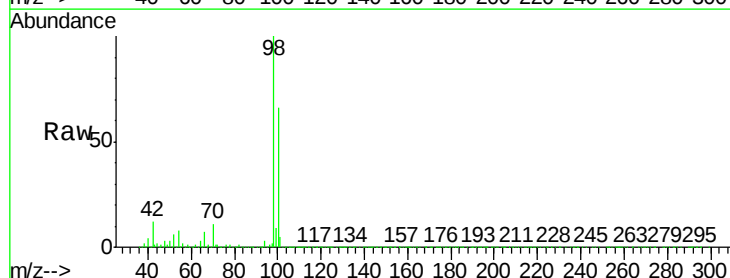
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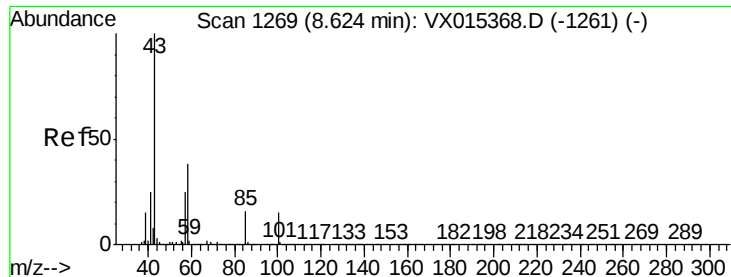
MMDadoda
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#50
Toluene-d8
Concen: 53.111 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.5	80.3





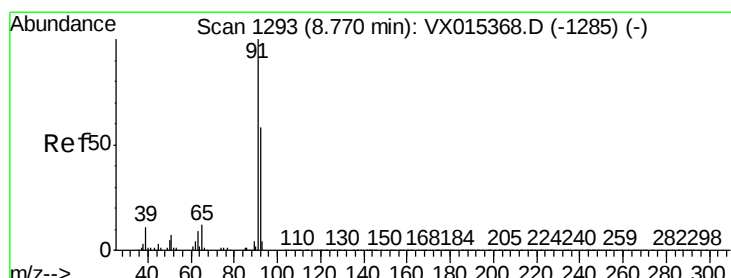
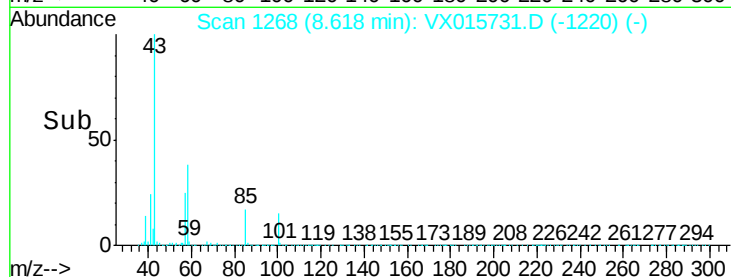
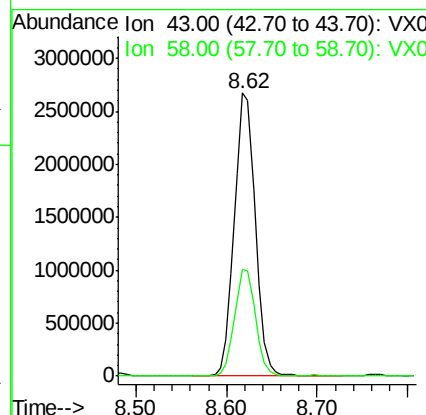
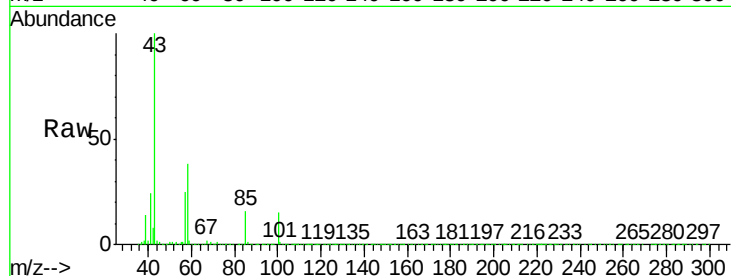
#51
4-Methyl-2-Pentanone
Concen: 258.686 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 4302091
Ion Ratio Lower Upper
43 100
58 37.7 29.7 44.5

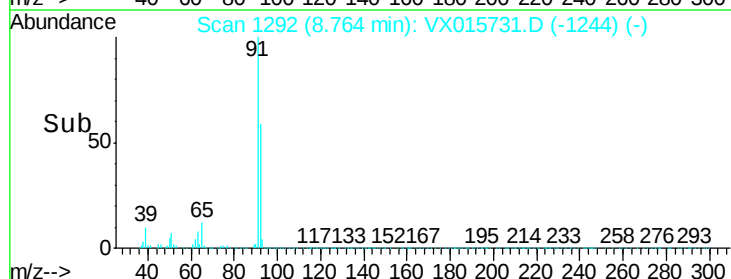
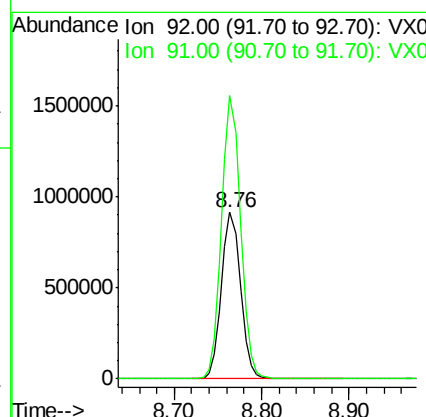
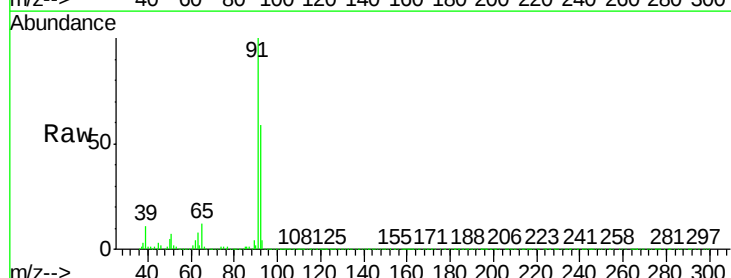
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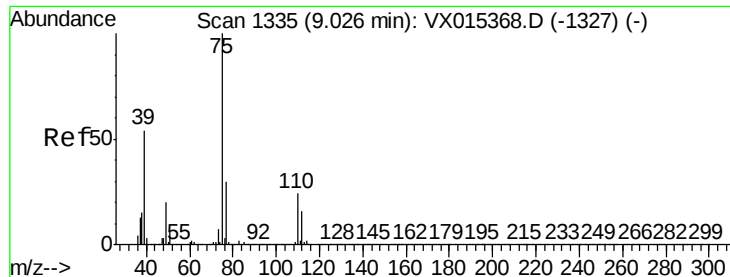
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#52
Toluene
Concen: 57.491 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 92 Resp: 1386166
Ion Ratio Lower Upper
92 100
91 168.9 136.6 205.0





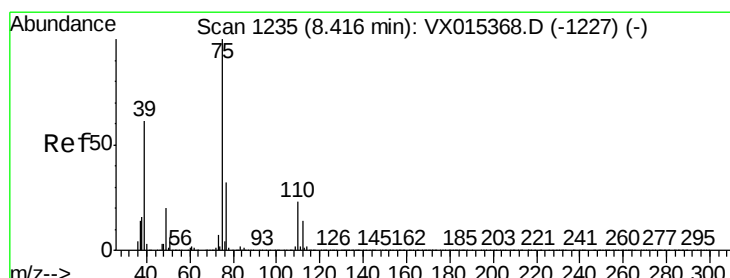
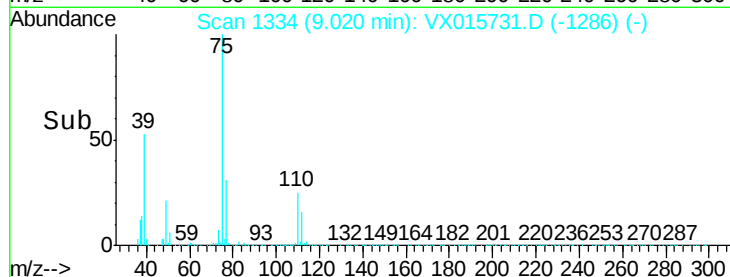
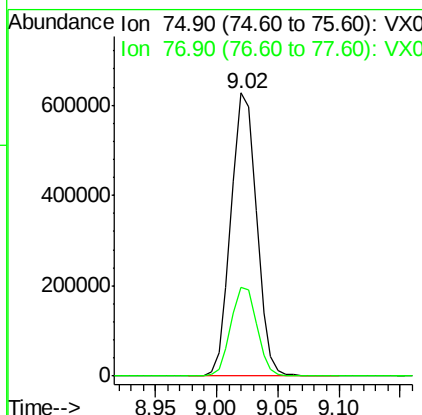
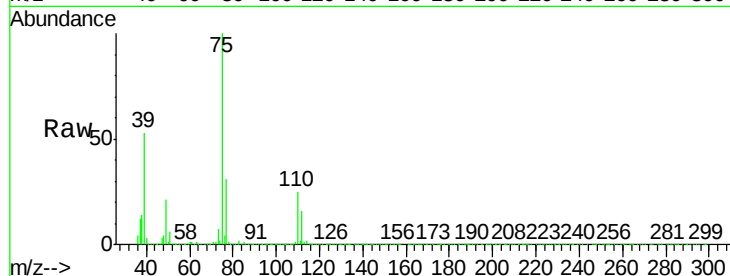
#53
t-1,3-Dichloropropene
Concen: 51.857 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.1	36.1

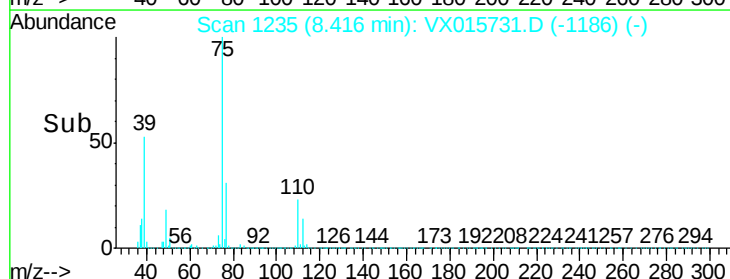
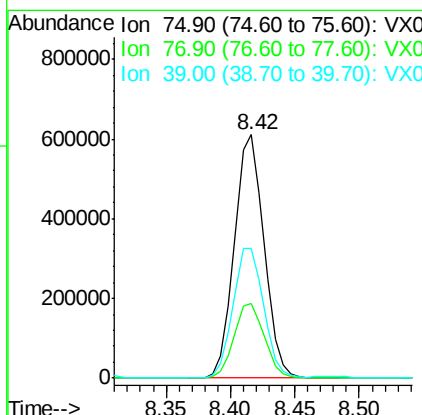
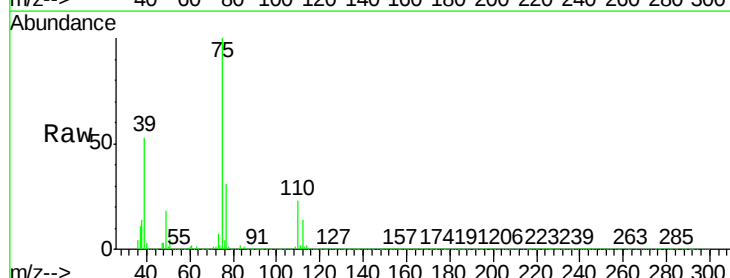
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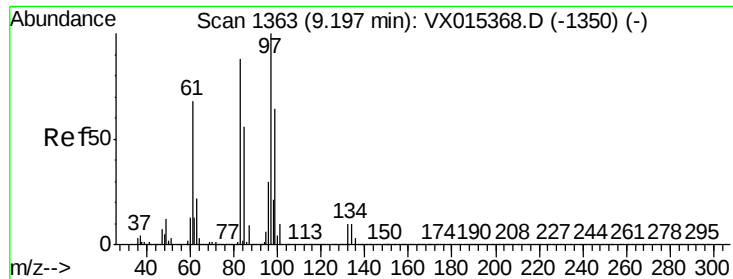
MMDadoda
4/20/2020 10:57:04 AM



#54
cis-1,3-Dichloropropene
Concen: 54.702 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.6
39	53.0	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 56.706 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

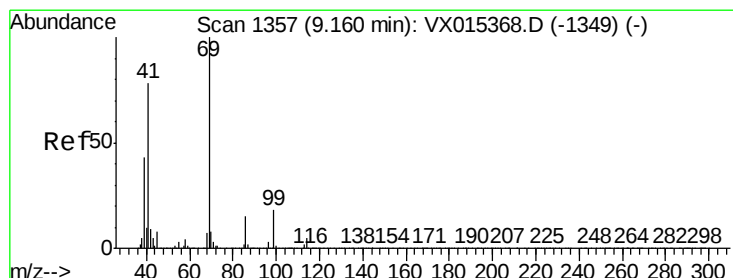
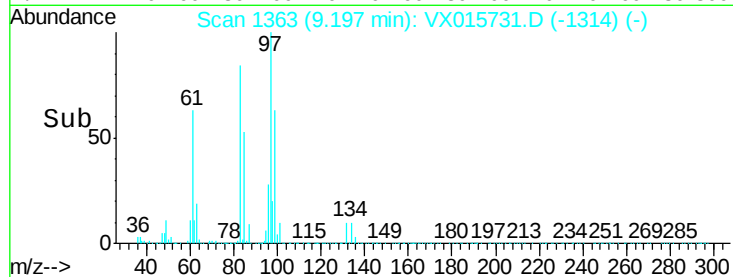
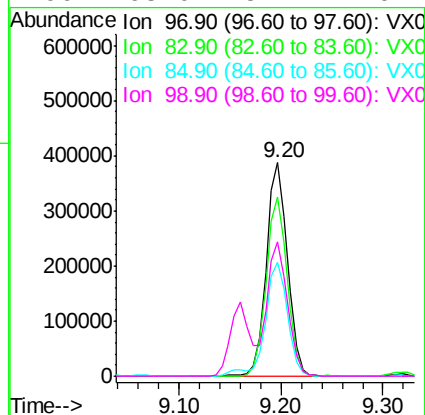
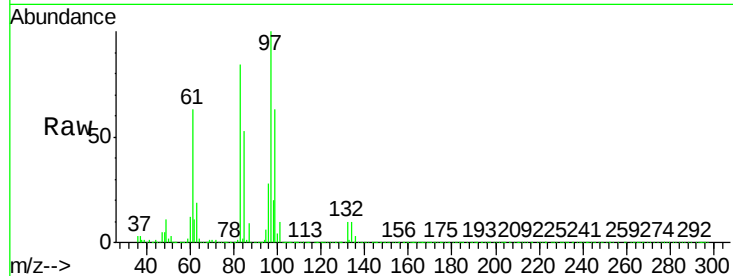
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		560162		
83	83.8	70.2	105.4		
85	53.4	44.7	67.1		
99	63.0	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 52.893 ug/l

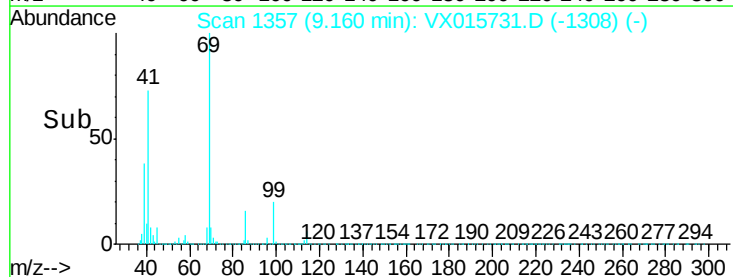
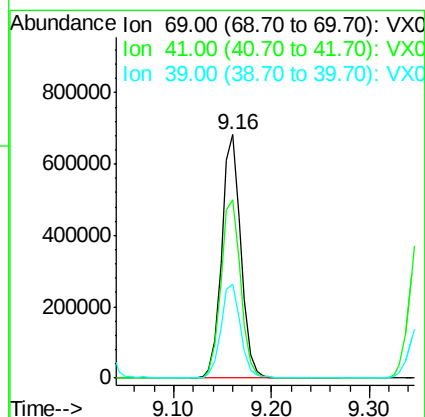
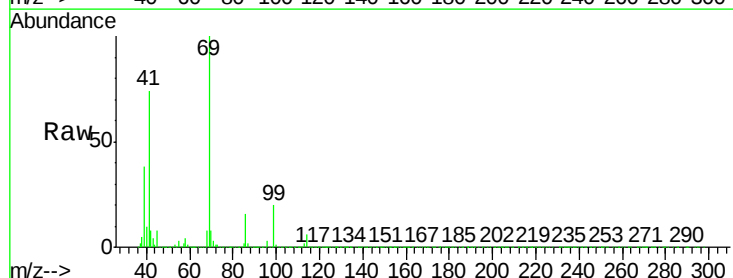
RT: 9.16 min Scan# 1357

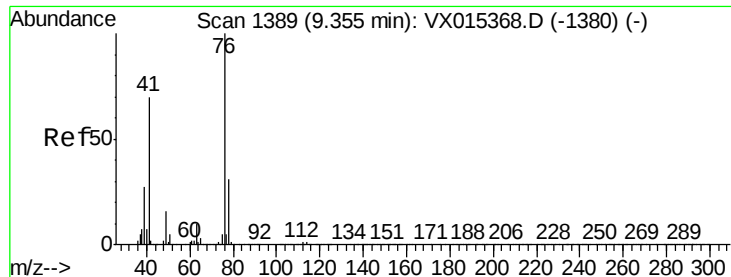
Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		920838		
41	75.7	61.6	92.4		
39	39.8	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 54.299 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 966404

Ion Ratio Lower Upper

76 100

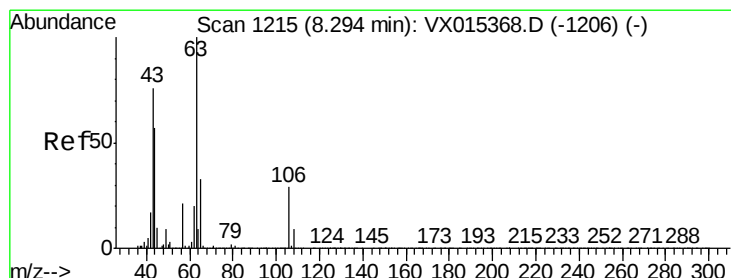
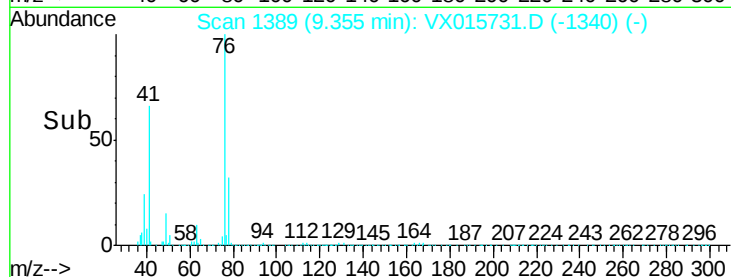
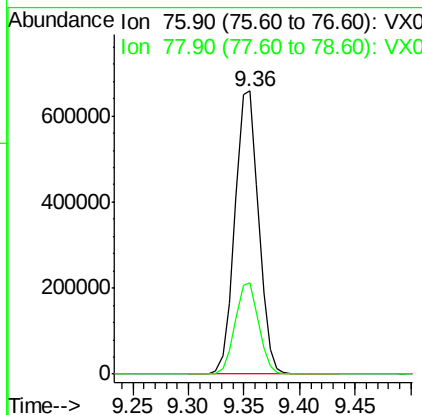
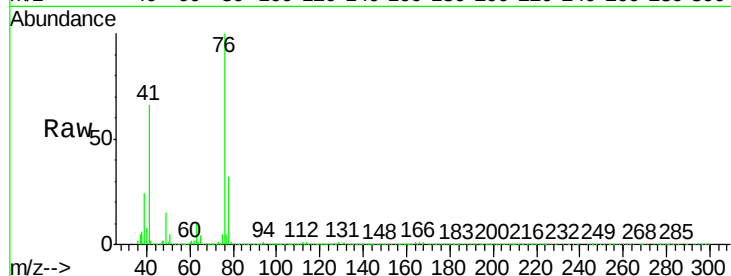
78 32.2 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 253.616 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015731.D

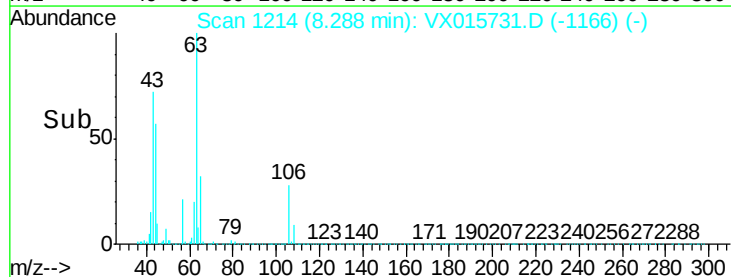
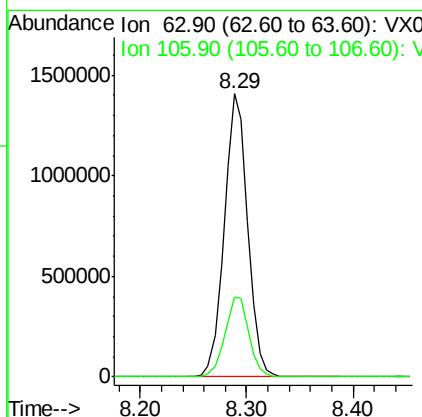
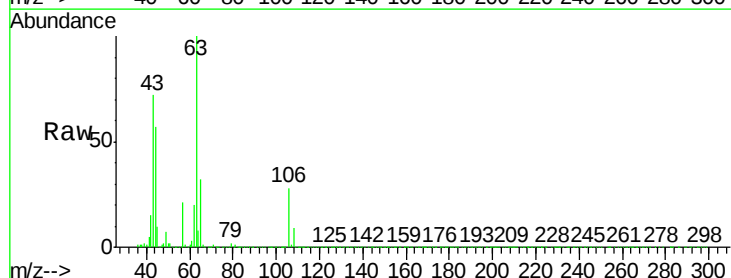
Acq: 17 Apr 2020 12:32

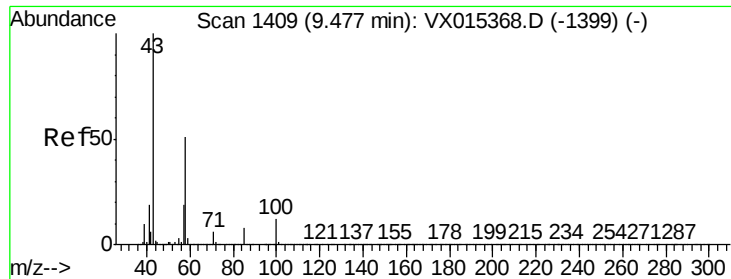
Tgt Ion: 63 Resp: 2147619

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





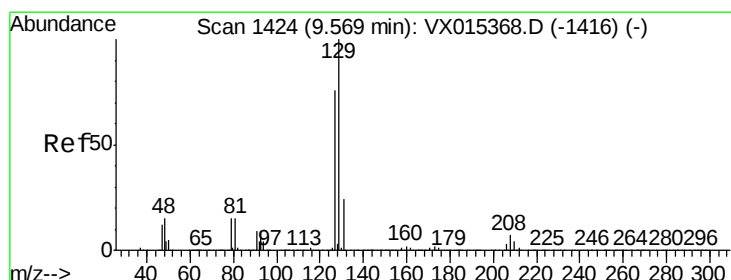
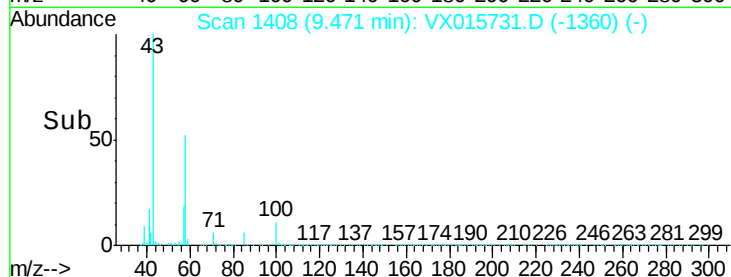
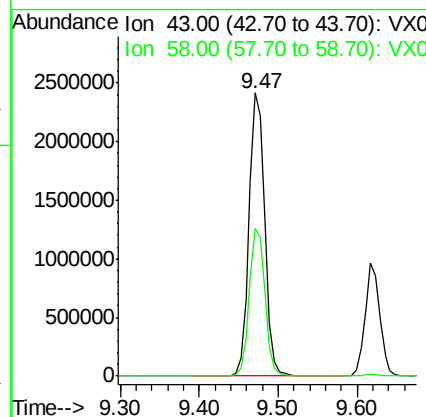
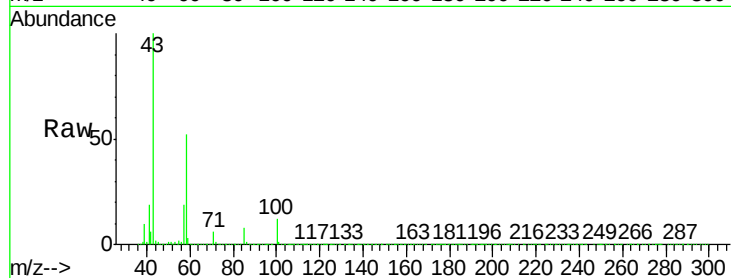
#59
2-Hexanone
Concen: 263.890 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3313325
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.6

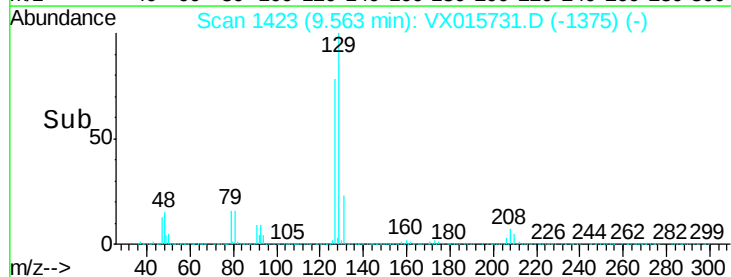
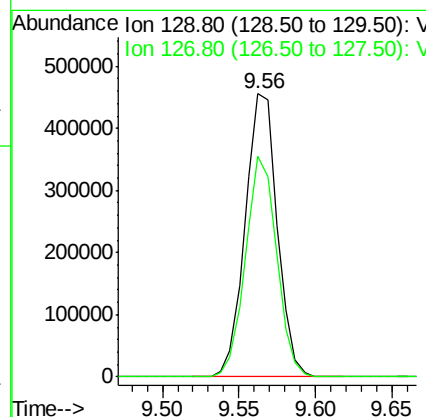
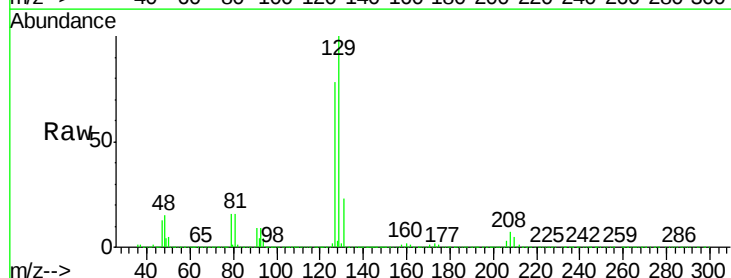
Manual Integrations
APPROVED

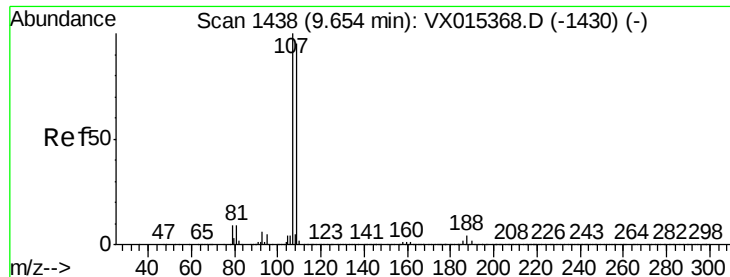
MMDadoda
4/20/2020 10:57:04 AM



#60
Dibromochloromethane
Concen: 55.793 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 129 Resp: 662277
Ion Ratio Lower Upper
129 100
127 75.9 38.2 114.6





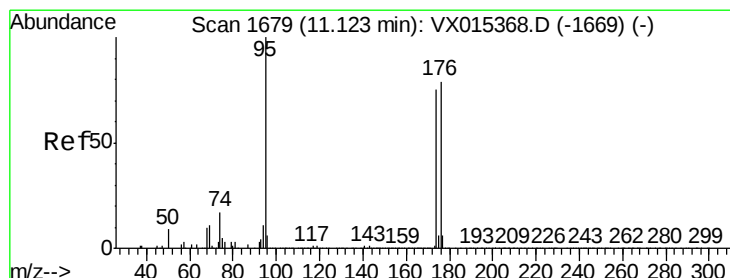
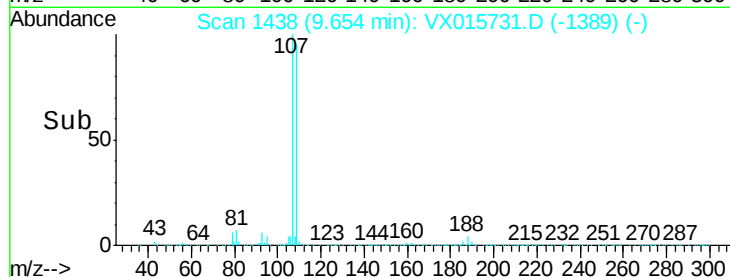
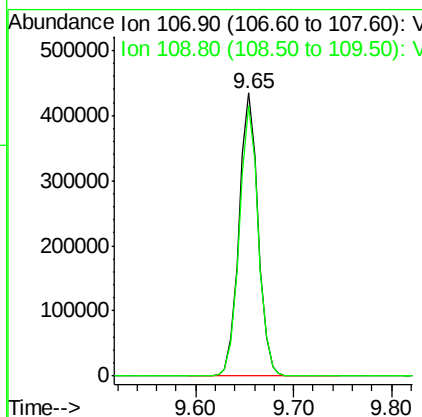
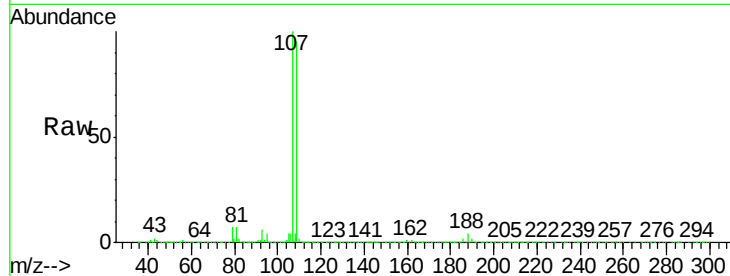
#61
 1,2-Dibromoethane
 Concen: 54.434 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	584690		
109	95.0	74.8	112.2	

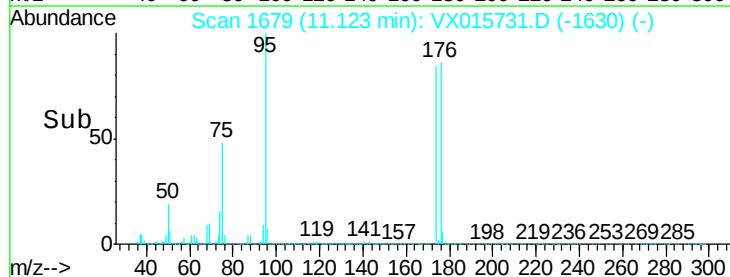
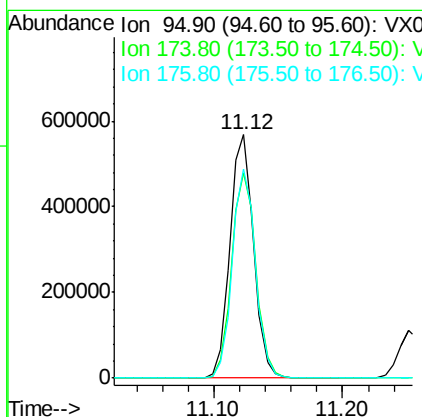
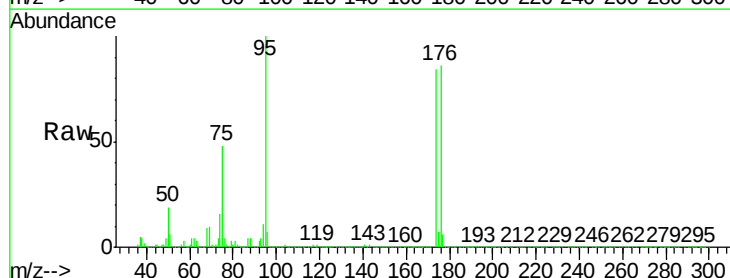
Manual Integrations
 APPROVED

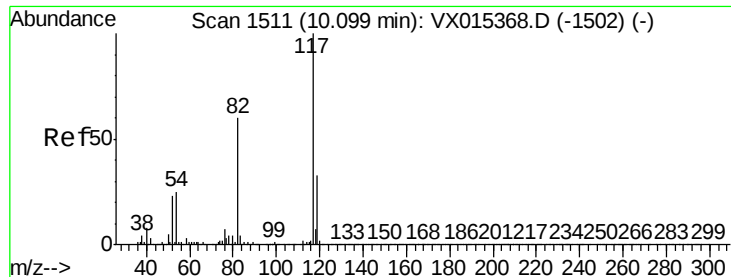
MMDadoda
 4/20/2020 10:57:04 AM



#62
 4-Bromofluorobenzene
 Concen: 52.729 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	730756		
174	86.3	0.0	158.6	
176	84.5	0.0	159.0	





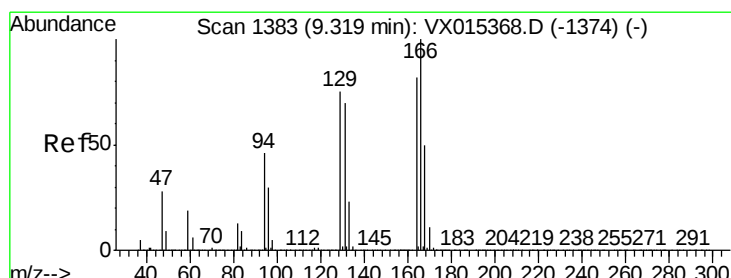
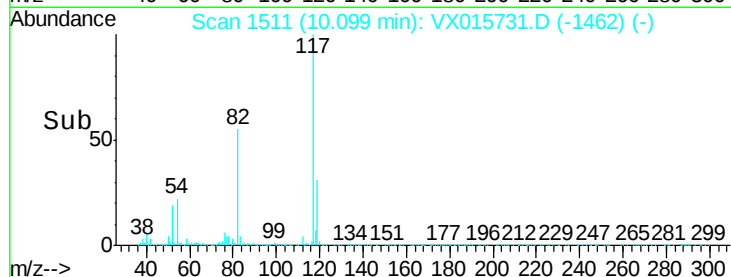
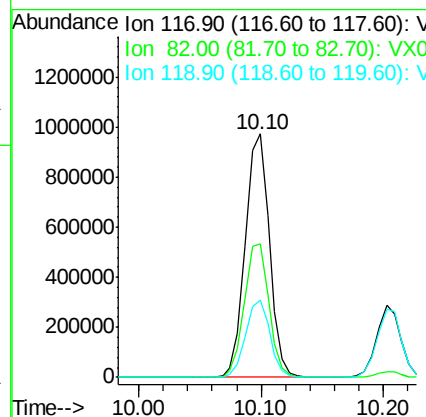
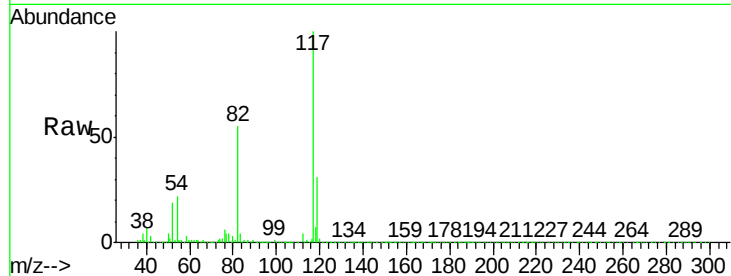
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	47.8	71.8
119	31.5	26.8	40.2

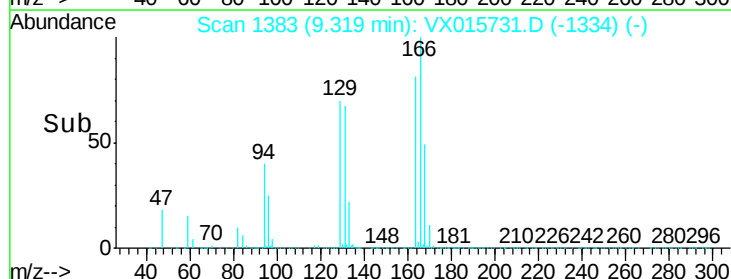
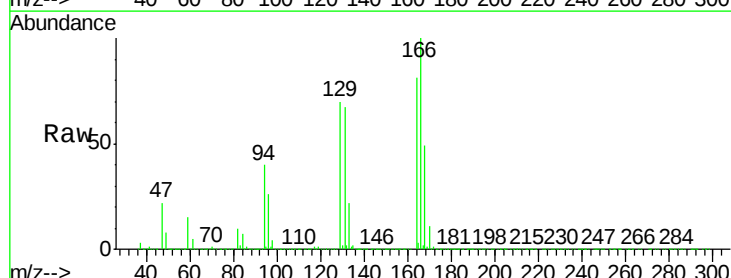
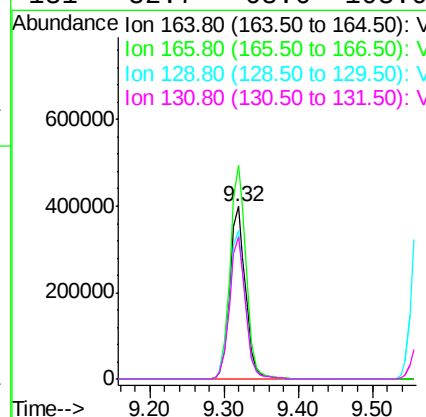
Manual Integrations
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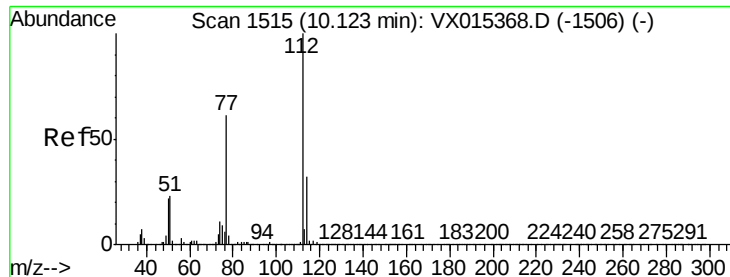
MMDadoda
4/20/2020 10:57:04 AM



#64
Tetrachloroethene
Concen: 57.871 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	97.8	146.6
129	86.4	73.0	109.4
131	82.7	68.6	103.0





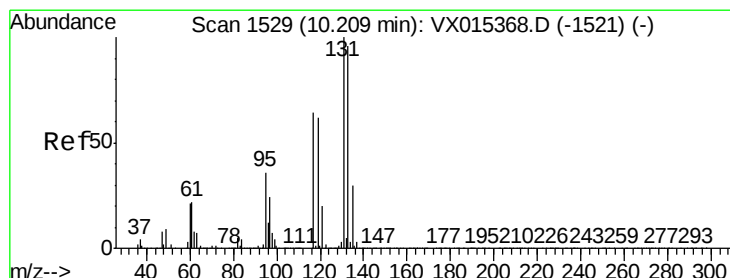
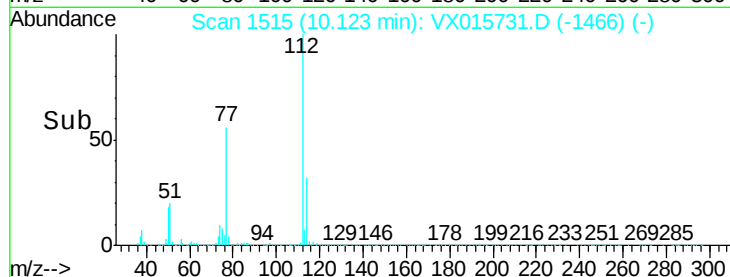
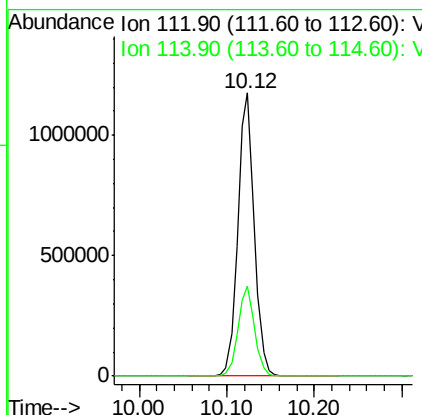
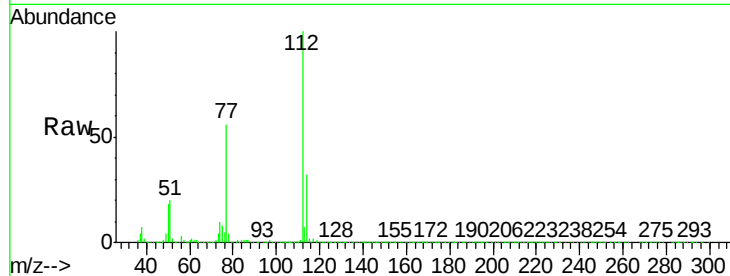
#65
Chlorobenzene
Concen: 58.055 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1543664
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

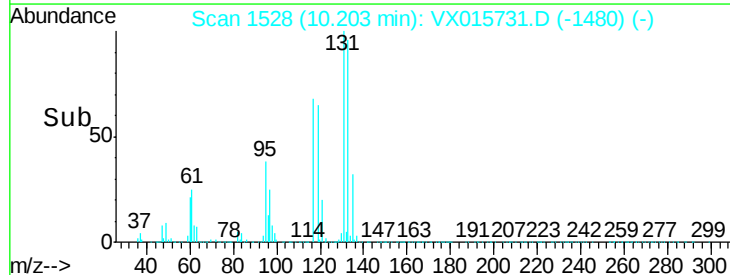
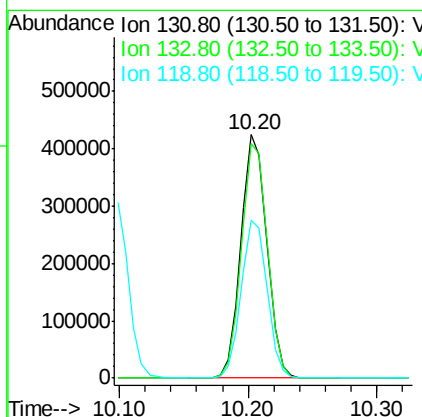
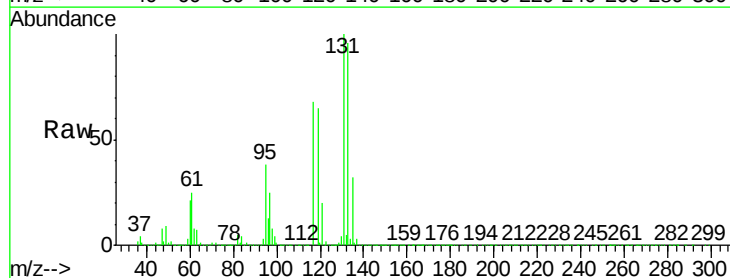
Manual Integrations
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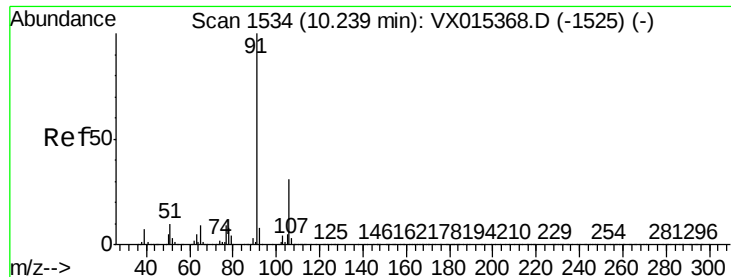
MMDadoda
4/20/2020 10:57:04 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.338 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion:131 Resp: 587844
Ion Ratio Lower Upper
131 100
133 96.6 47.6 142.9
119 65.1 31.1 93.3





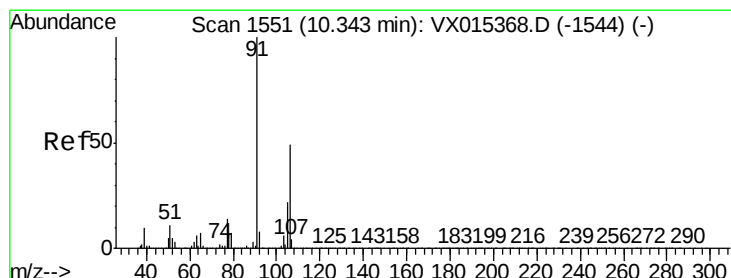
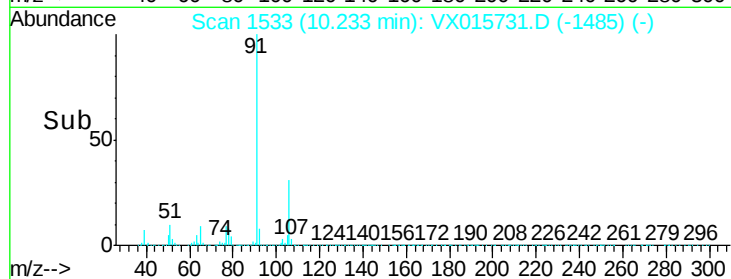
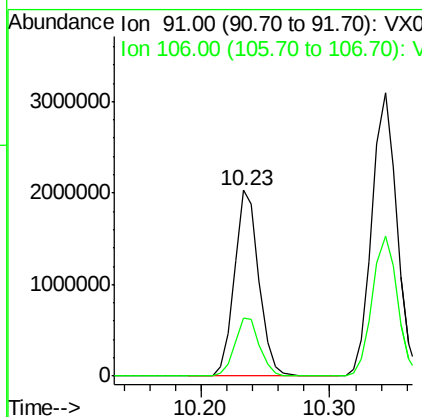
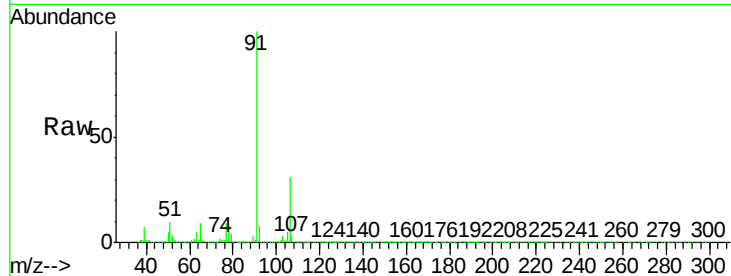
#67
Ethyl Benzene
Concen: 56.873 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2682088
Ion Ratio Lower Upper
91 100
106 31.1 24.8 37.2

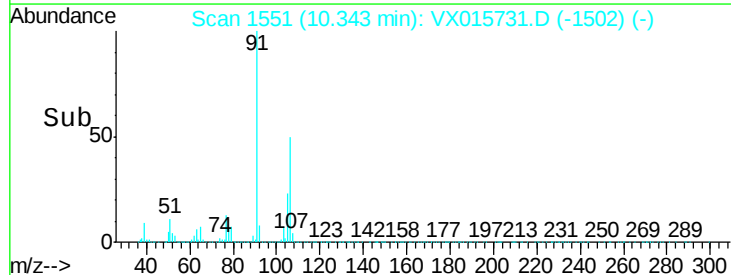
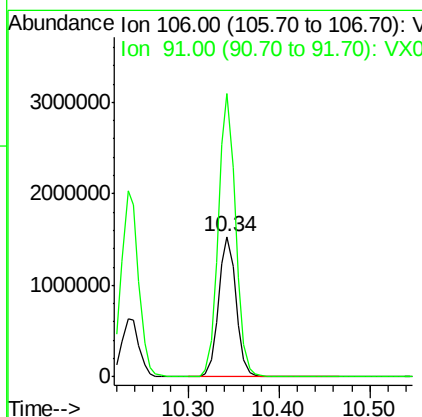
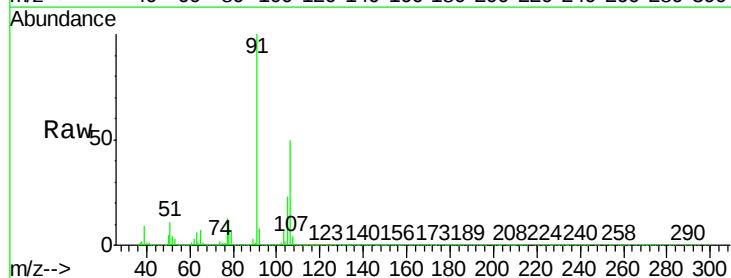
Manual Integrations
APPROVED

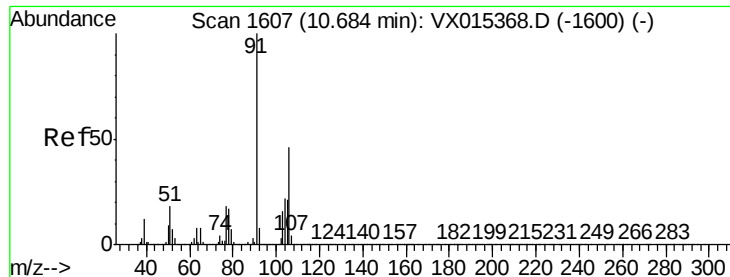
MMDadoda
4/20/2020 10:57:04 AM



#68
m/p-Xylenes
Concen: 117.366 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 106 Resp: 2061014
Ion Ratio Lower Upper
106 100
91 199.4 163.4 245.0





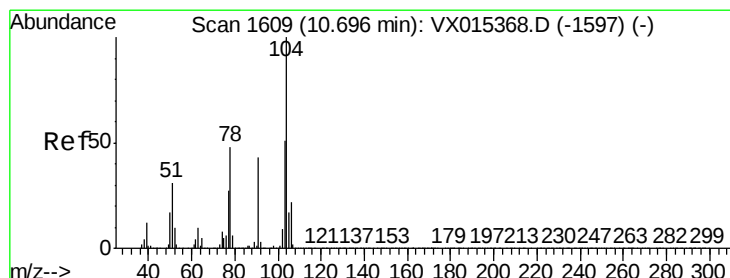
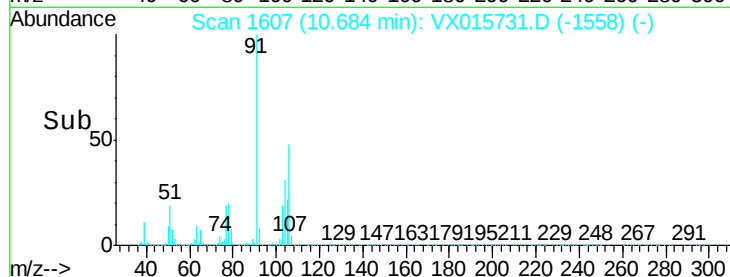
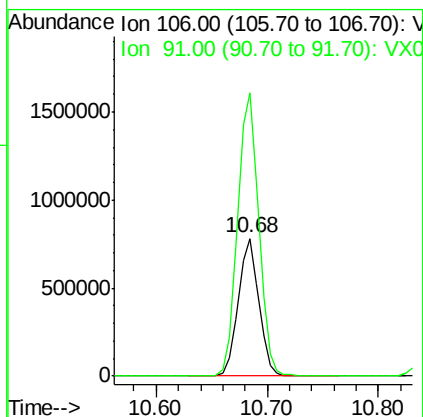
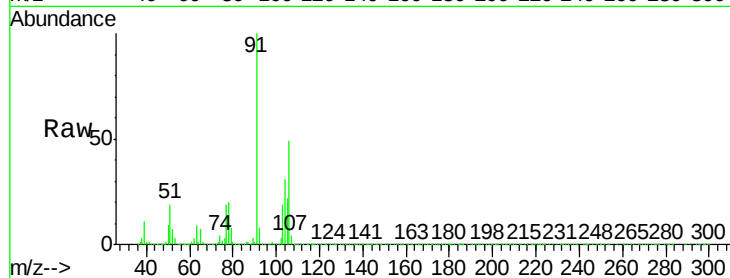
#69
o-Xylene
Concen: 57.568 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
106	100			
91	211.5	107.1	321.3	

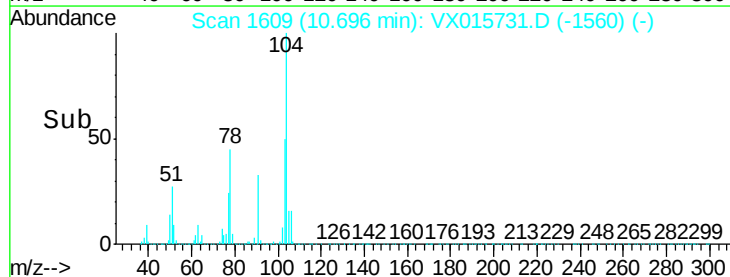
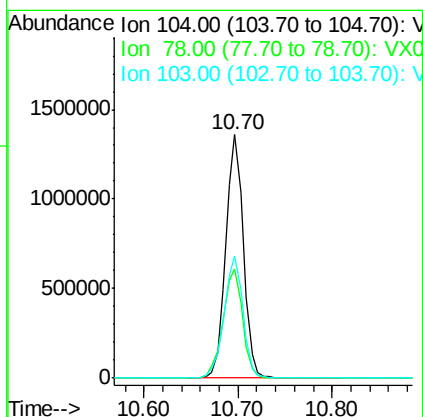
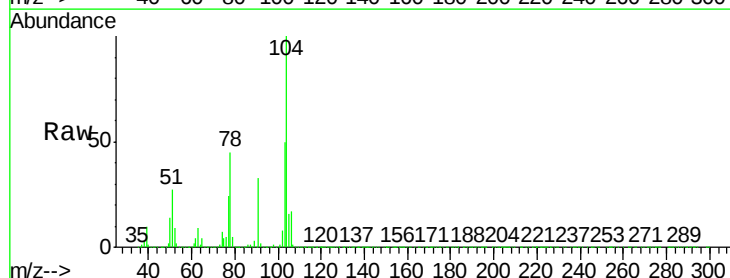
Manual Integrations
APPROVED

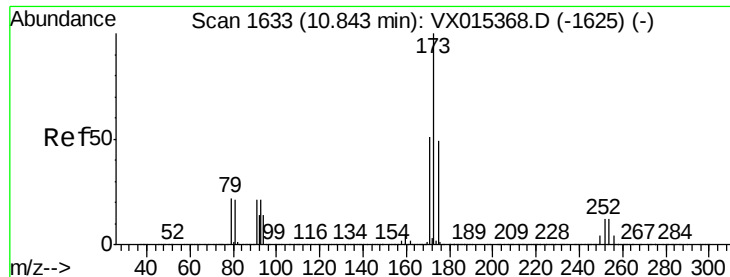
MMDadoda
4/20/2020 10:57:04 AM



#70
Styrene
Concen: 57.708 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
104	100			
78	49.7	42.0	63.0	
103	53.6	43.4	65.0	





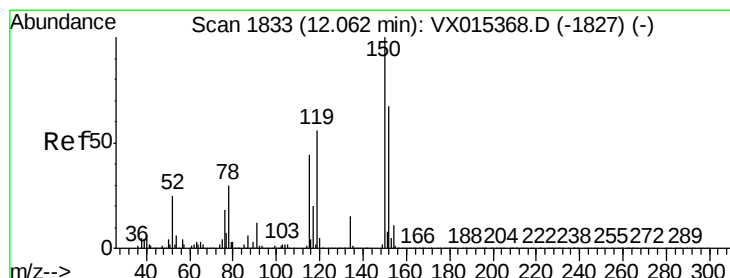
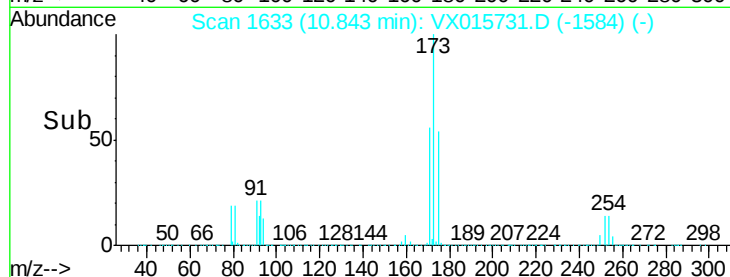
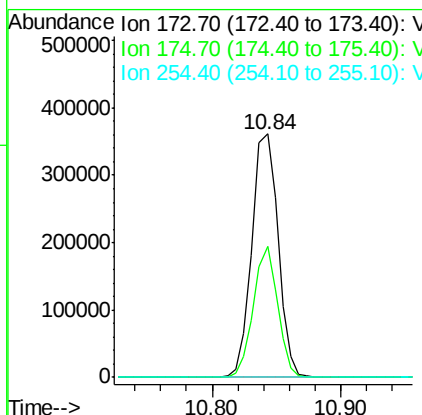
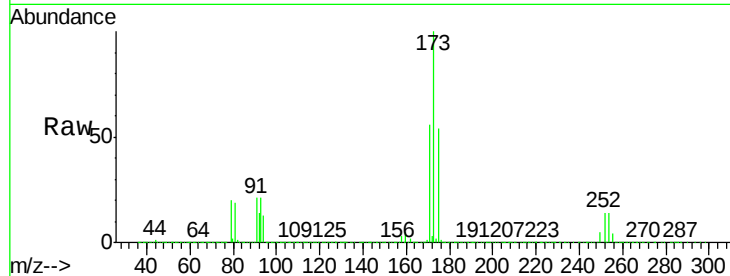
#71
Bromoform
Concen: 52.124 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100			
175	49.7	23.9	71.7	
254	0.1	0.1	0.1	

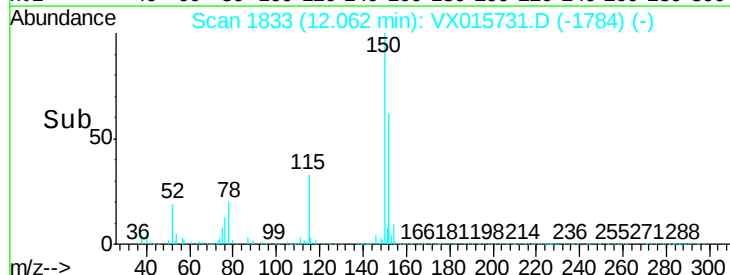
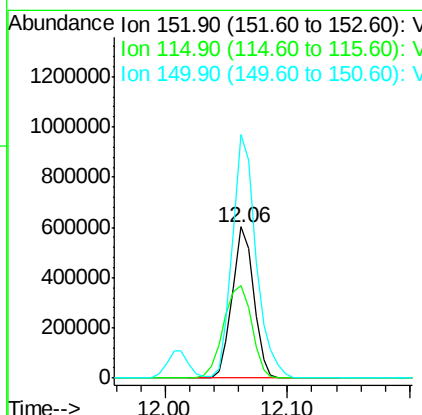
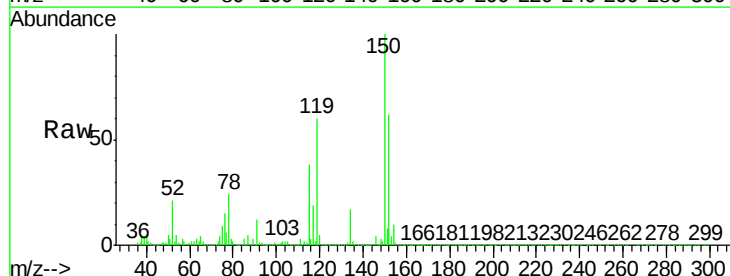
Manual Integrations
APPROVED

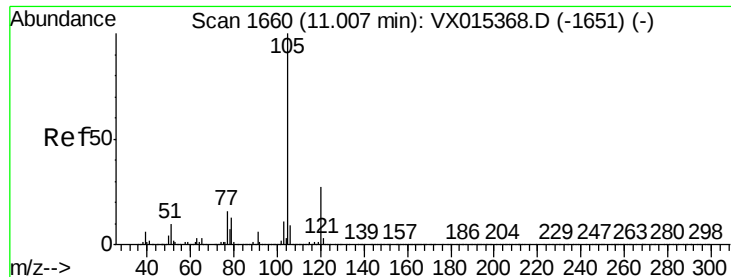
MMDadoda
4/20/2020 10:57:04 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
115	81.1	39.0	116.9	
150	178.9	0.0	340.8	





#73

Isopropylbenzene

Concen: 56.556 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2682376

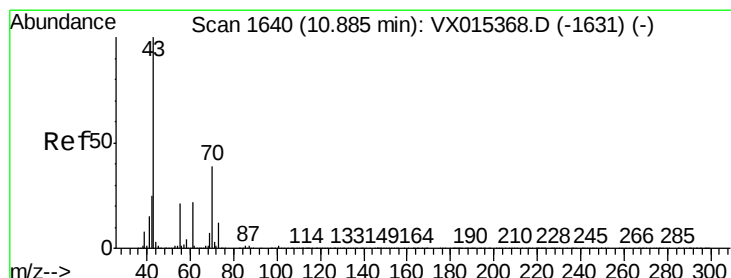
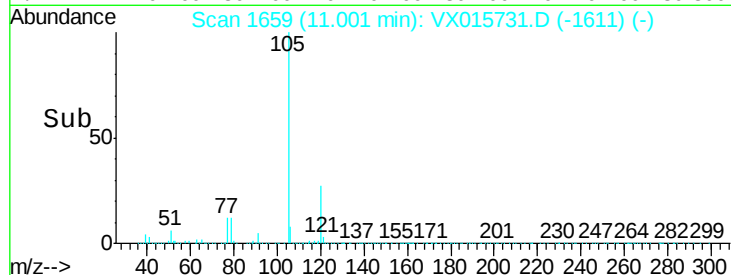
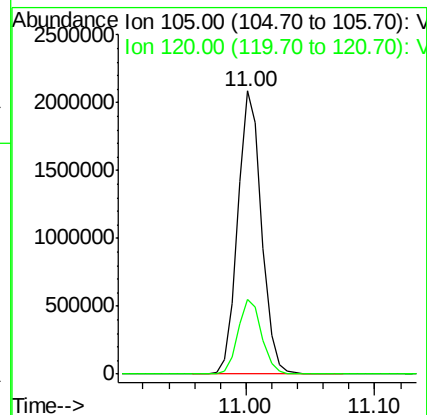
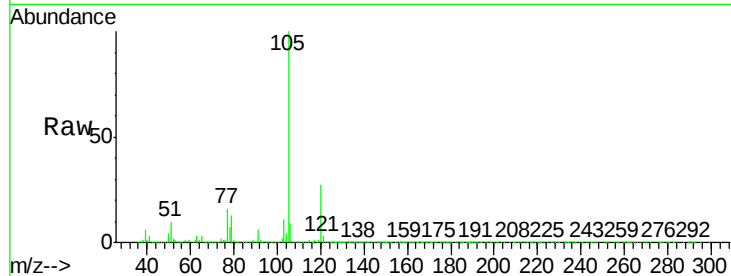
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:57:04 AM



#74

N-ethyl acetate

Concen: 48.169 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion: 43 Resp: 1270640

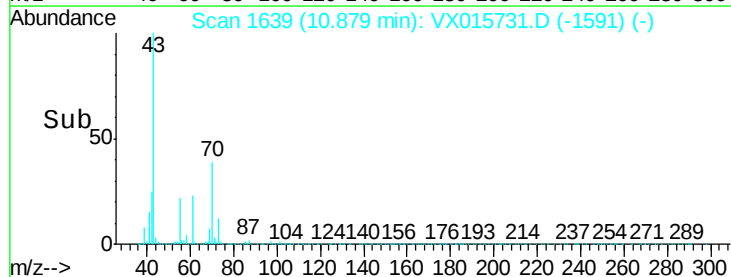
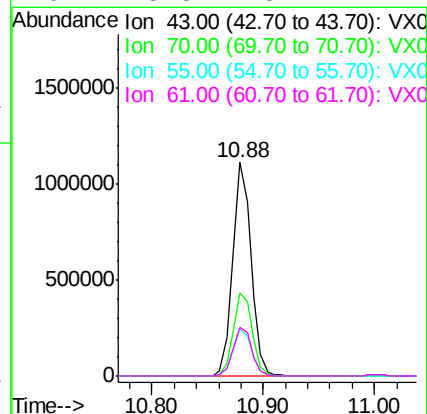
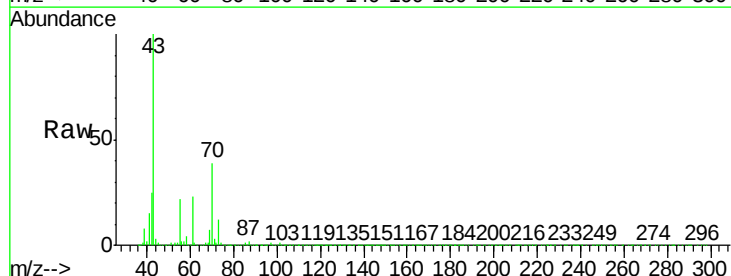
Ion Ratio Lower Upper

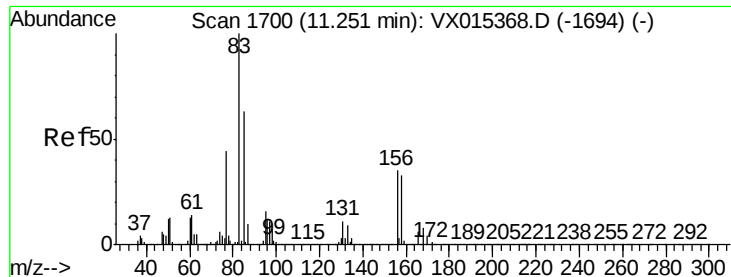
43 100

70 39.8 30.2 45.4

55 22.6 16.8 25.2

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 51.692 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

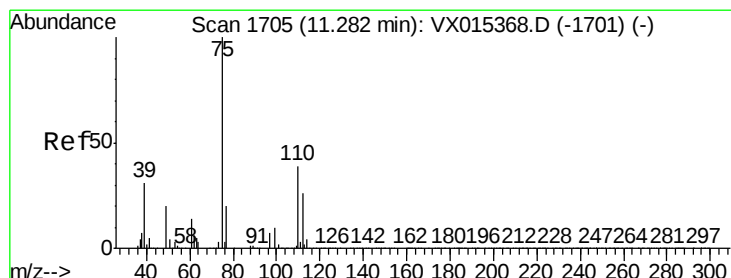
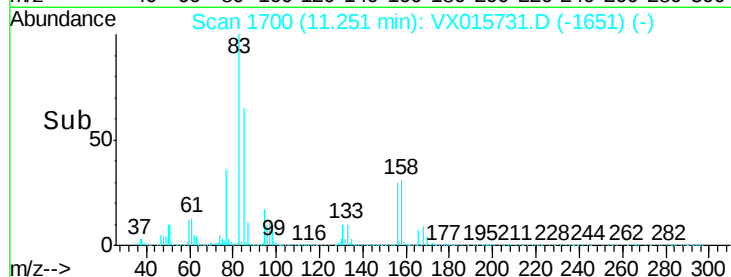
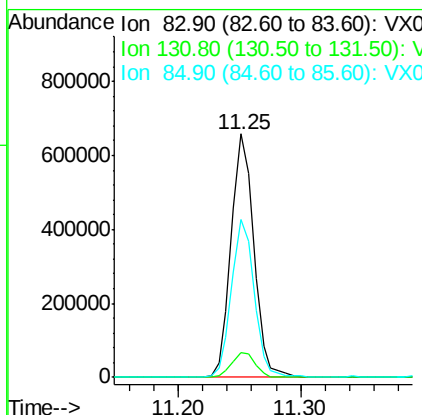
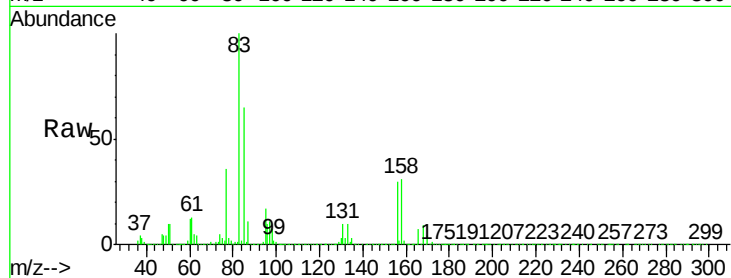
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	841263
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	65.1	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 53.029 ug/l m

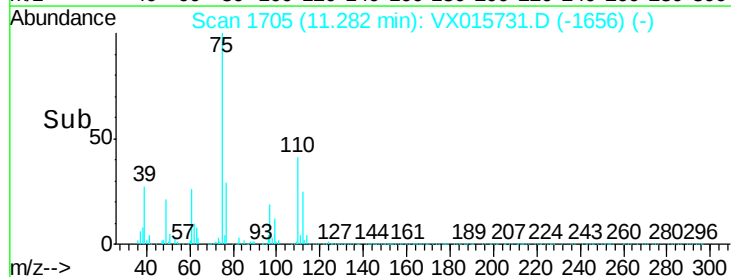
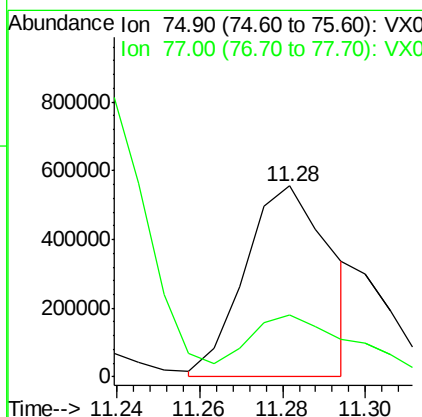
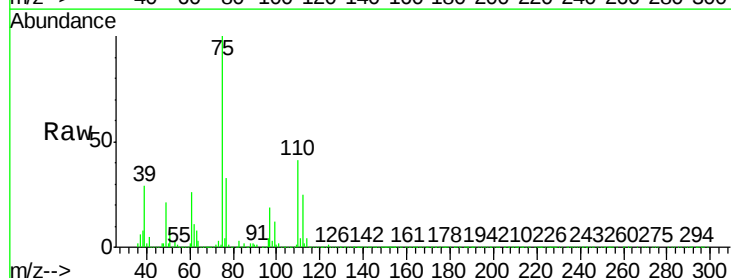
RT: 11.28 min Scan# 1705

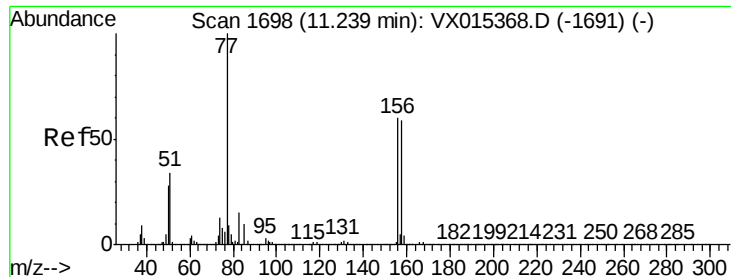
Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion:	75	Resp:	789360
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.2	63.6





#77

Bromobenzene

Concen: 55.183 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

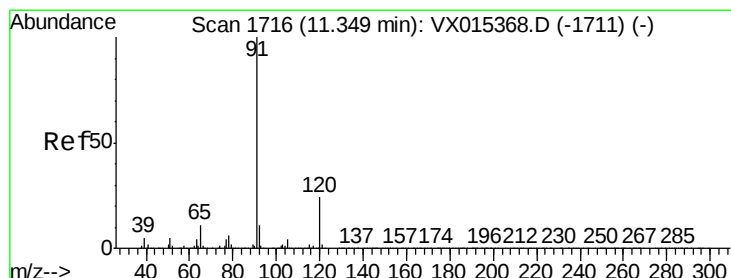
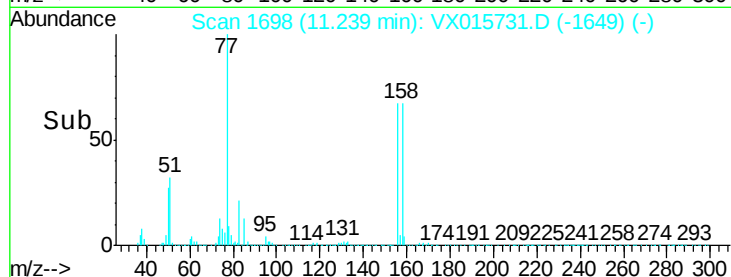
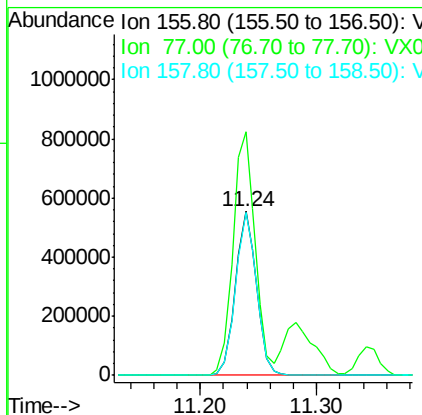
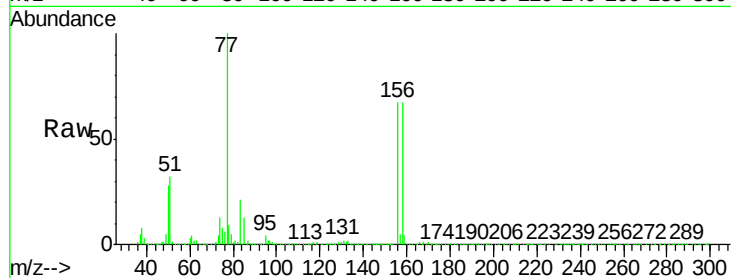
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	698109
Ion Ratio	Lower	Upper	
156	100		
77	155.8	82.2	246.5
158	99.2	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 56.386 ug/l

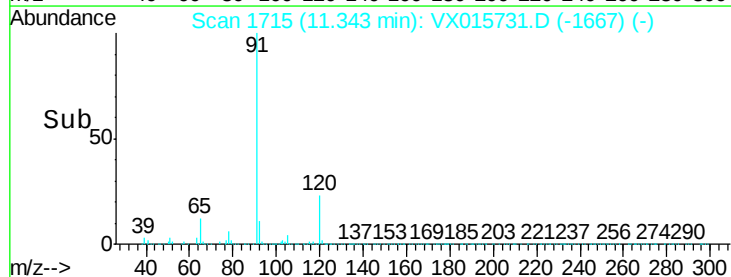
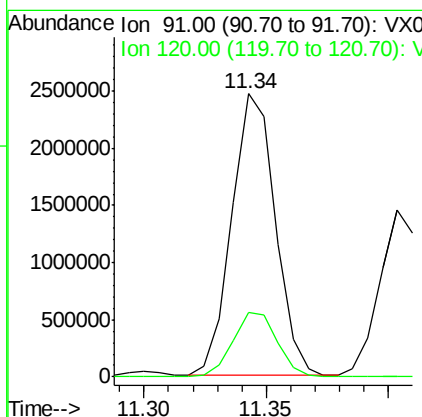
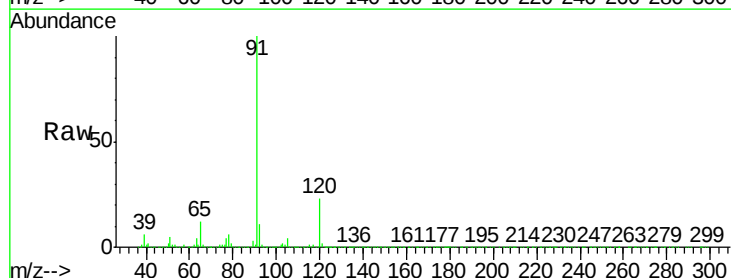
RT: 11.34 min Scan# 1715

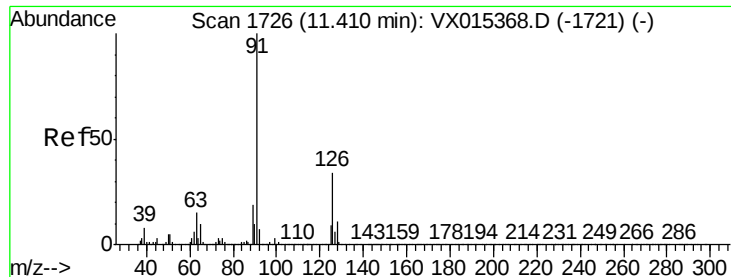
Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion:	91	Resp:	3057942
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.0





#79

2-Chlorotoluene

Concen: 54.425 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1809119

Ion Ratio Lower Upper

91 100

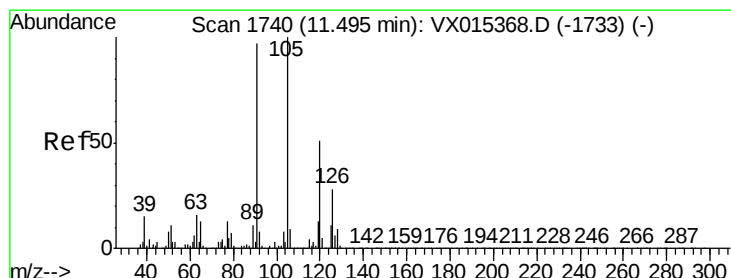
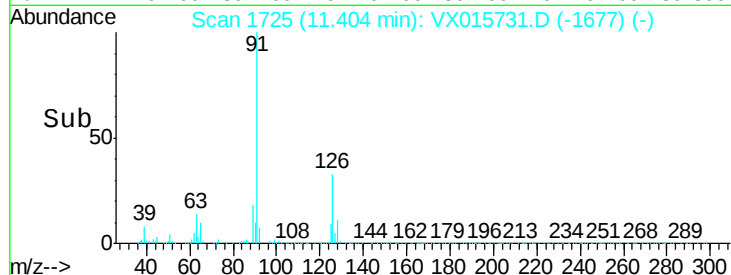
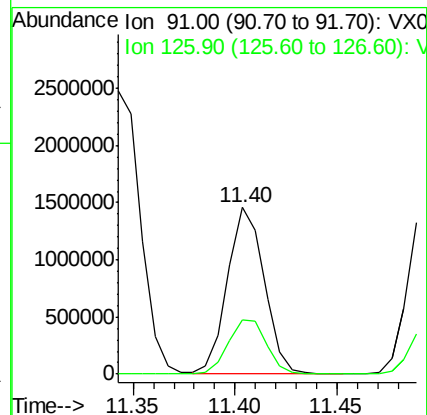
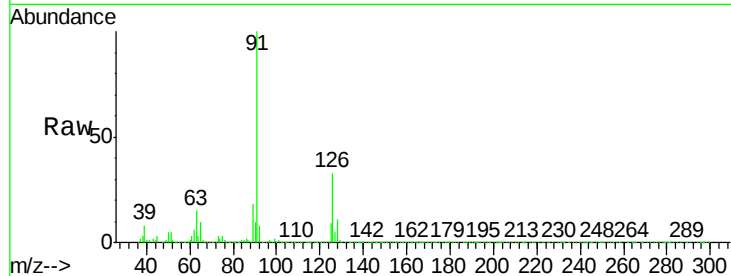
126 34.6 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 56.850 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015731.D

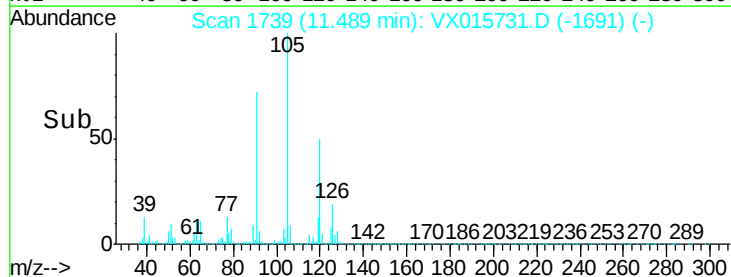
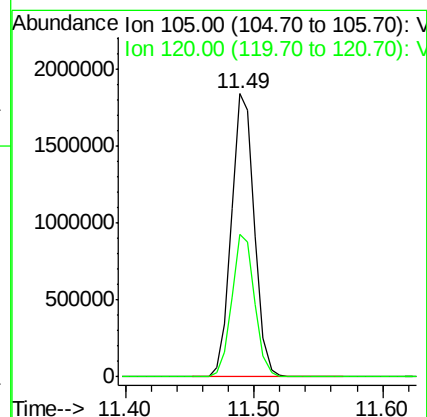
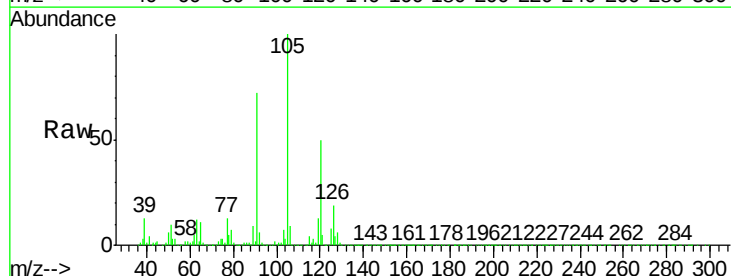
Acq: 17 Apr 2020 12:32

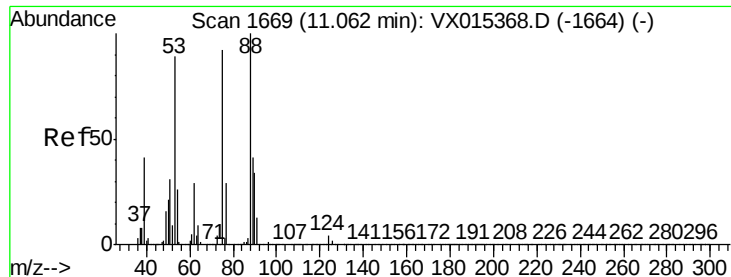
Tgt Ion: 105 Resp: 2302710

Ion Ratio Lower Upper

105 100

120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 48.622 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

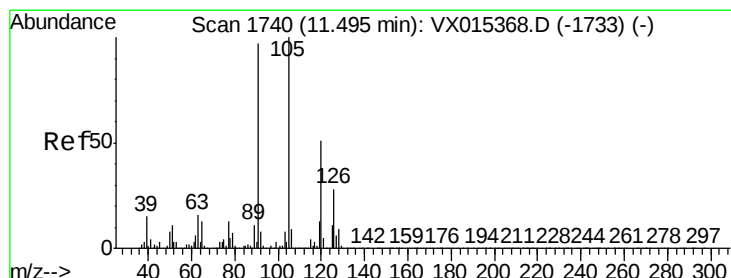
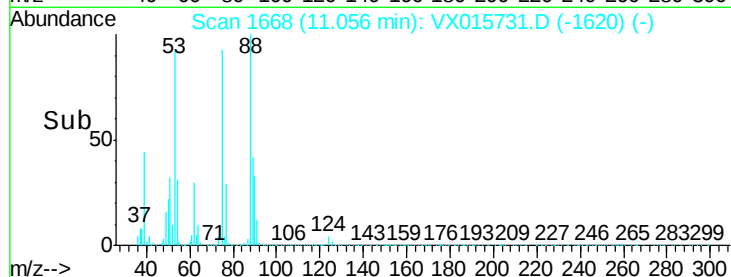
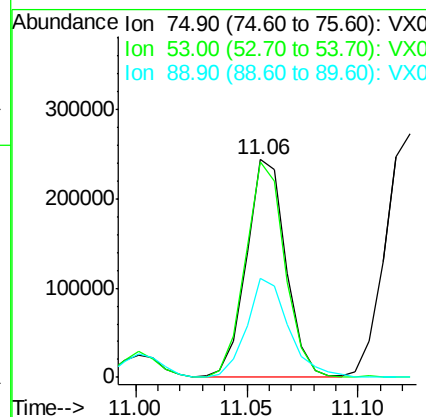
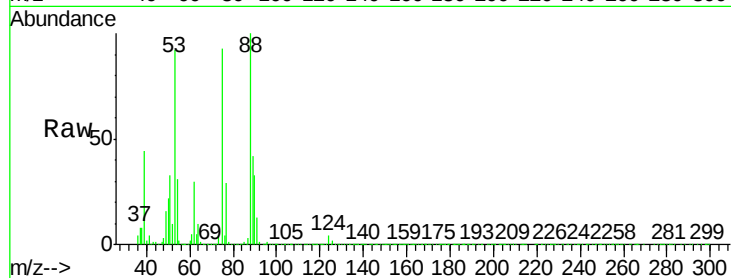
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	301636
Ion	Ratio	Lower	Upper
75	100		
53	97.9	80.1	120.1
89	48.5	36.1	54.1

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#82

4-Chlorotoluene

Concen: 55.243 ug/l

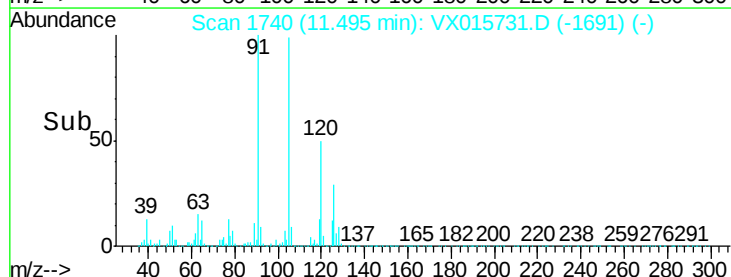
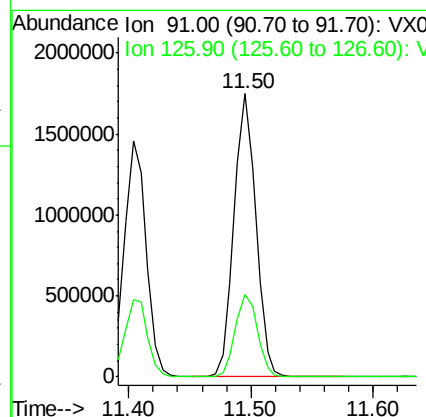
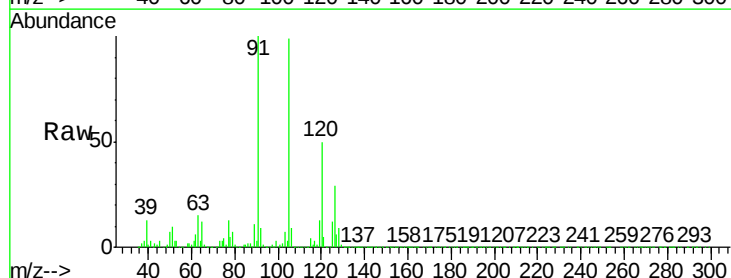
RT: 11.50 min Scan# 1740

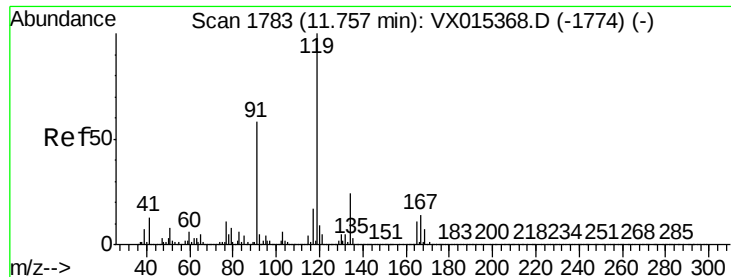
Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion:	91	Resp:	2152730
Ion	Ratio	Lower	Upper
91	100		
126	29.6	14.7	44.1





#83

tert-Butylbenzene

Concen: 58.931 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

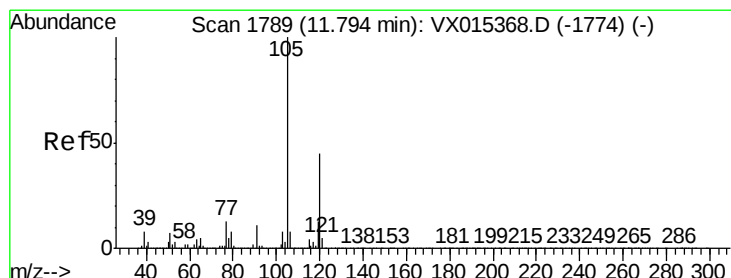
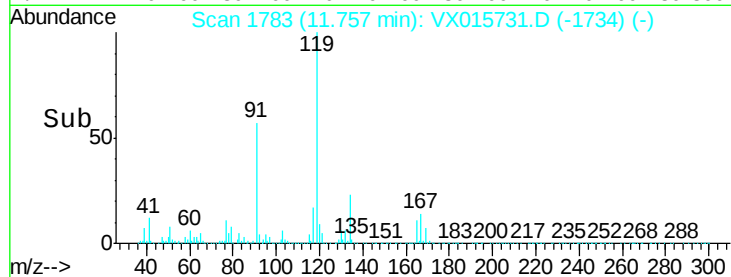
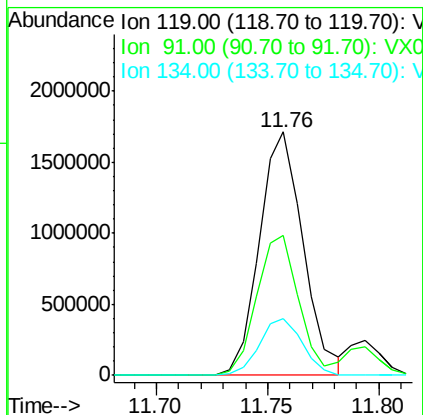
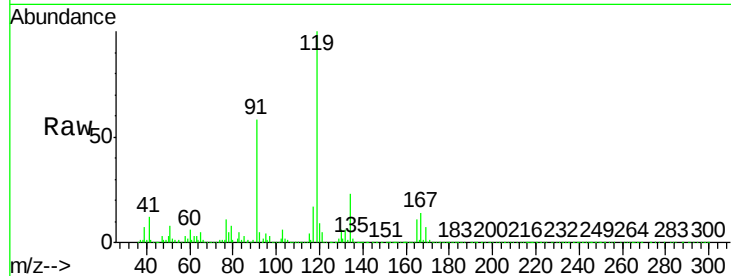
ClientSampleId :

VSTDCCC050

Tot Ion:	119	Resp:	2331593
Ion	Ratio	Lower	Upper
119	100		
91	55.1	28.6	85.8
134	22.9	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 56.693 ug/l

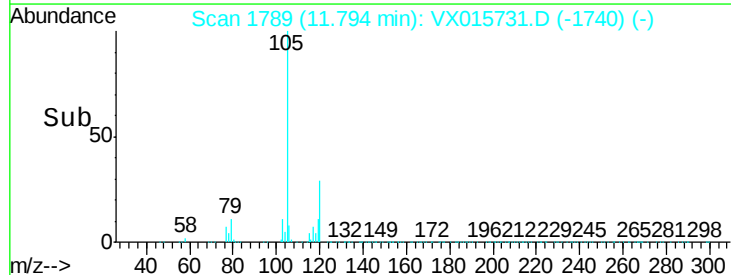
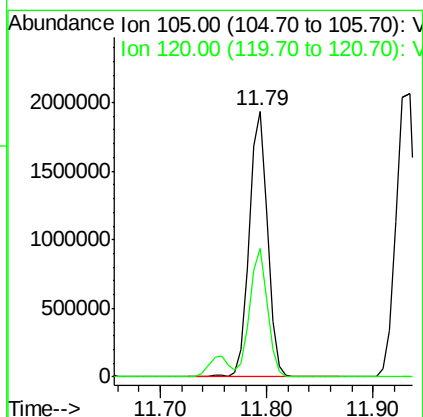
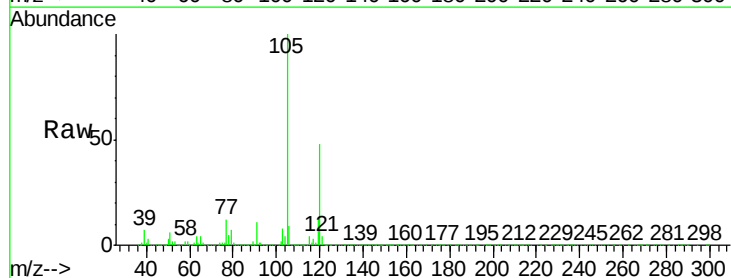
RT: 11.79 min Scan# 1789

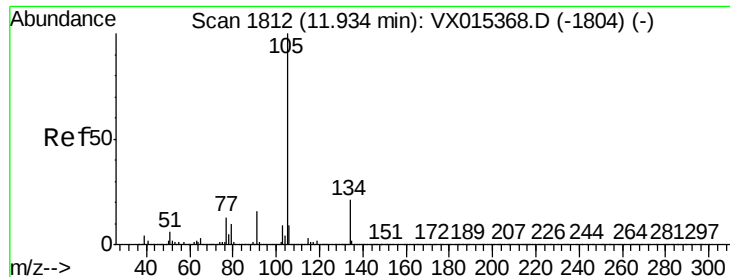
Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Tgt Ion:	105	Resp:	2340102
Ion	Ratio	Lower	Upper
105	100		
120	46.9	22.7	68.1





#85

sec-Butylbenzene

Concen: 58.115 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2659218

Ion Ratio Lower Upper

105 100

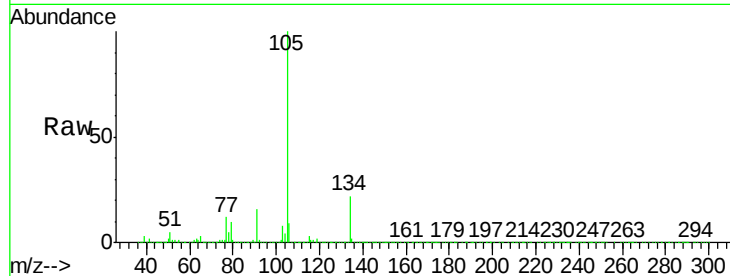
134 21.0 10.4 31.1

Manual Integrations

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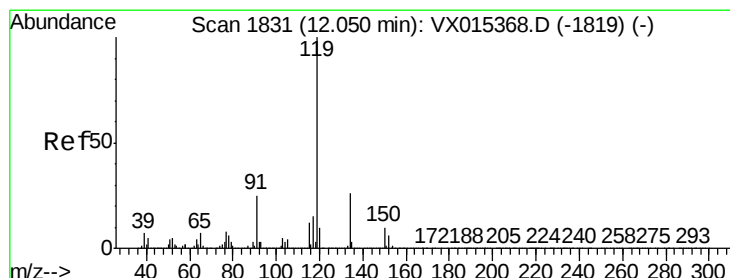
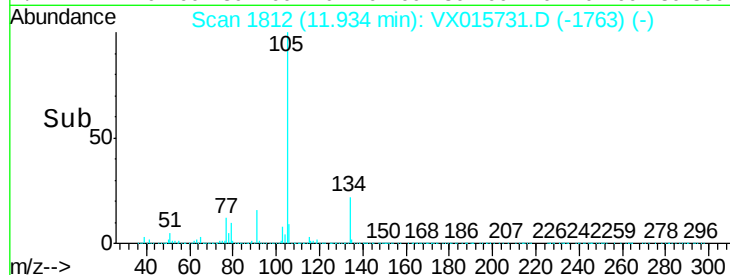
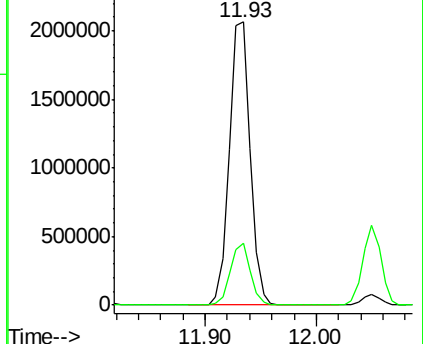
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 59.192 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015731.D

Acq: 17 Apr 2020 12:32

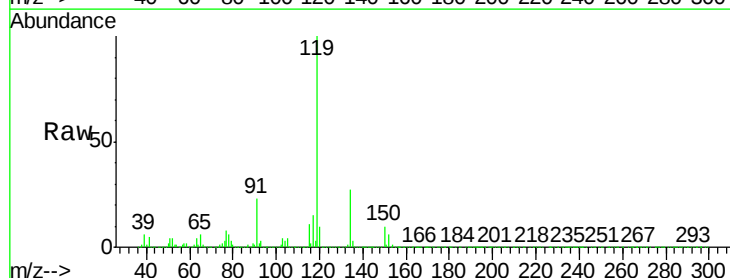
Tgt Ion:119 Resp: 2514444

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

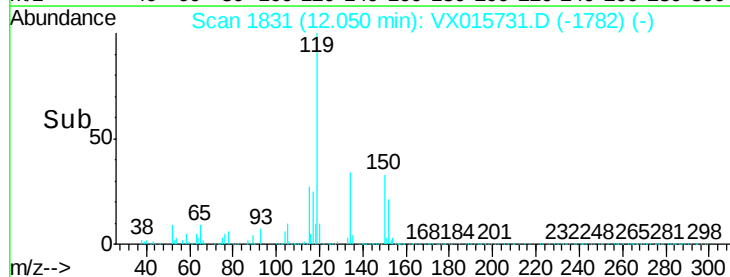
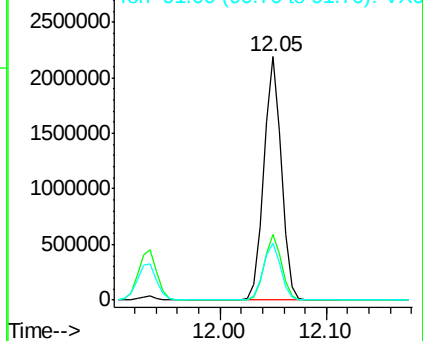
91 23.3 12.4 37.4

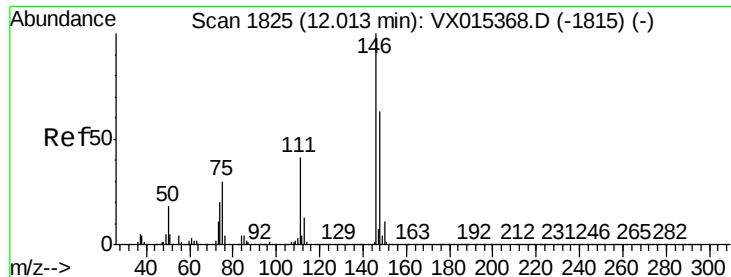


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





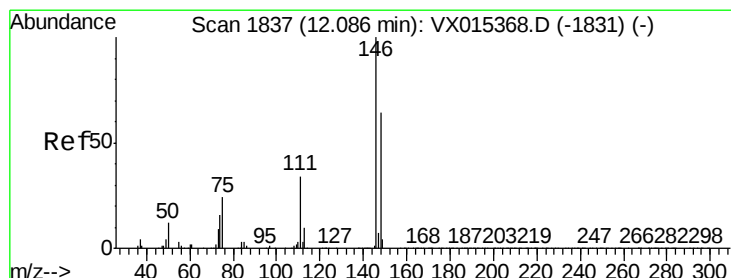
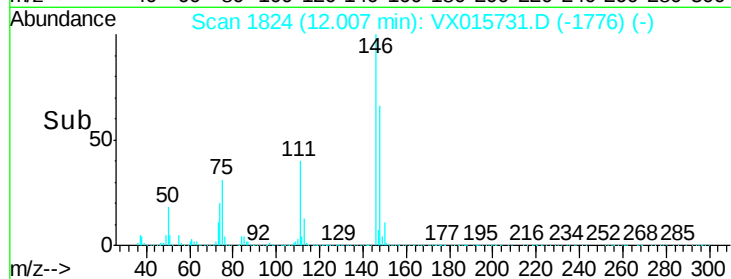
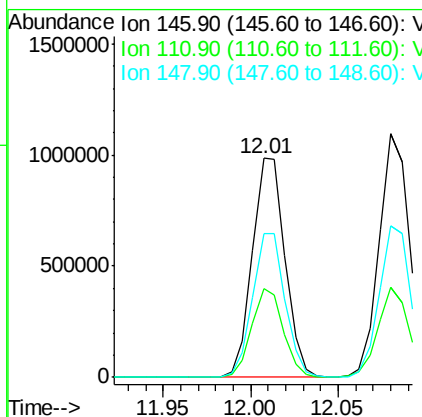
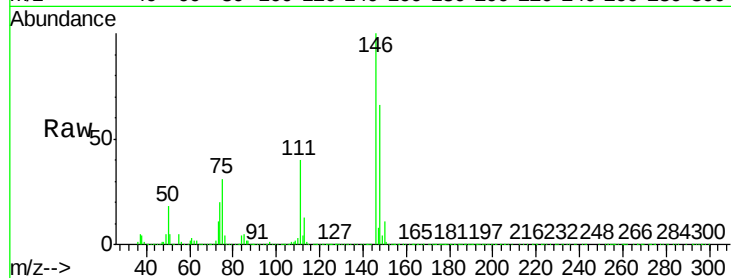
#87
 1,3-Dichlorobenzene
 Concen: 56.590 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	65.6	31.3	93.9

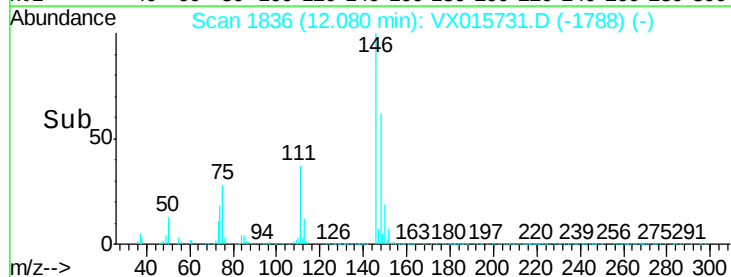
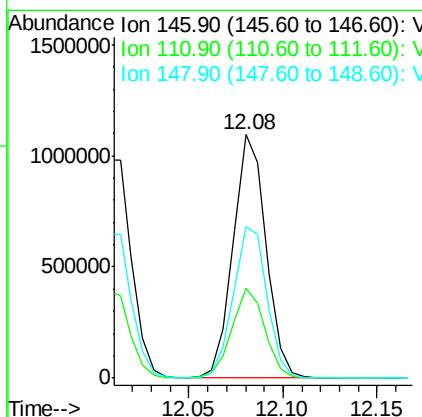
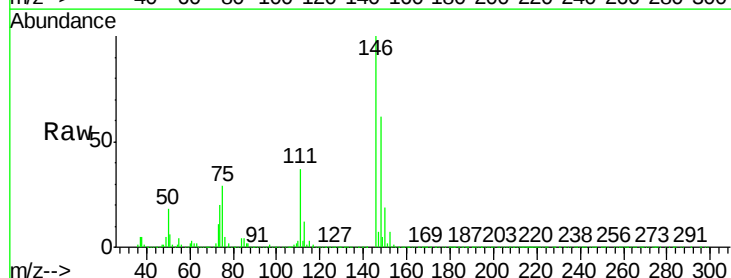
Manual Integrations
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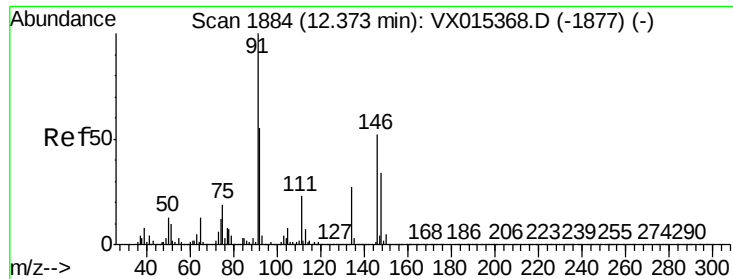
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 4/20/2020 10:57:04 AM



#88
 1,4-Dichlorobenzene
 Concen: 57.355 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	19.1	57.5
148	64.0	32.4	97.2





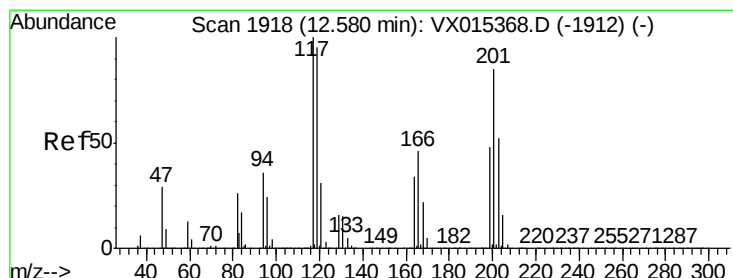
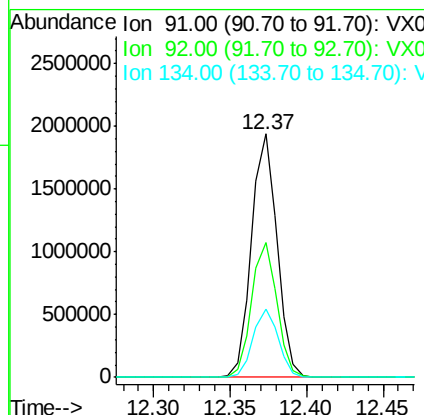
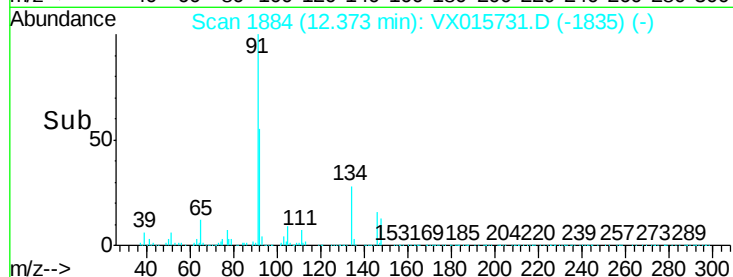
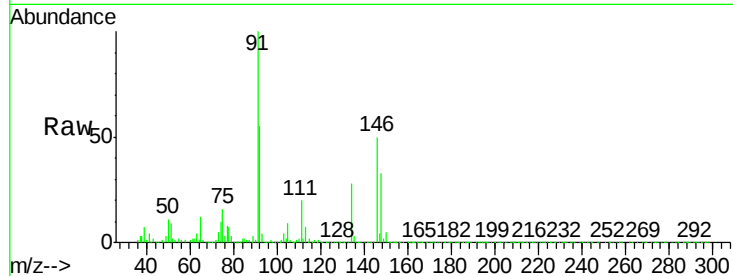
#89
n-Butylbenzene
Concen: 58.407 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2242096
Ion Ratio Lower Upper
91 100
92 55.0 27.2 81.5
134 28.1 13.4 40.2

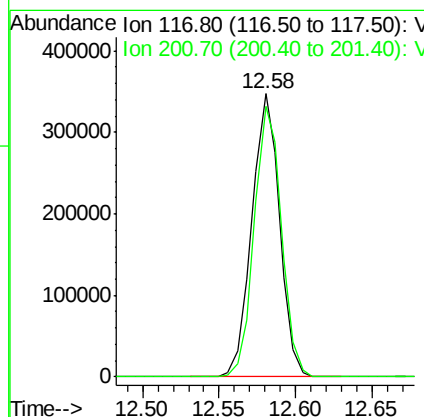
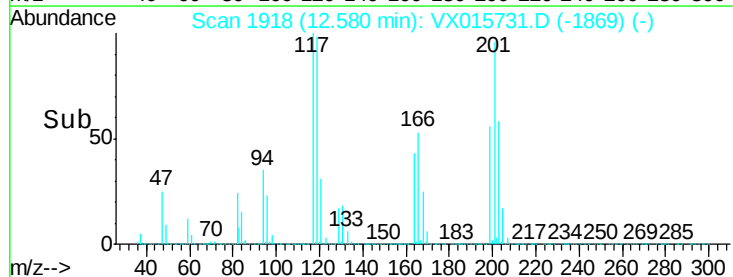
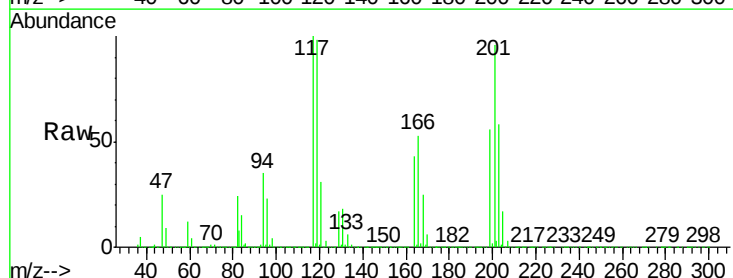
Manual Integrations
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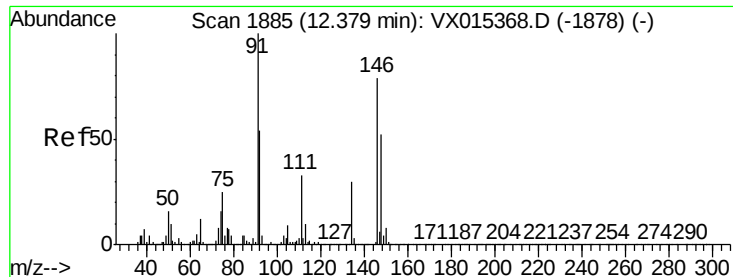
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#90
Hexachloroethane
Concen: 52.813 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion: 117 Resp: 436663
Ion Ratio Lower Upper
117 100
201 94.1 42.6 128.0





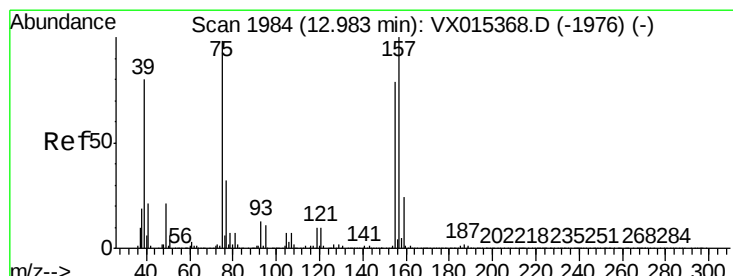
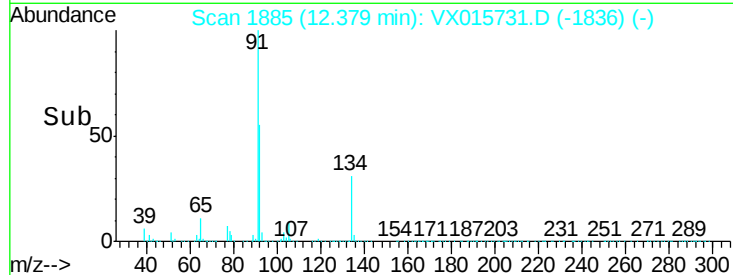
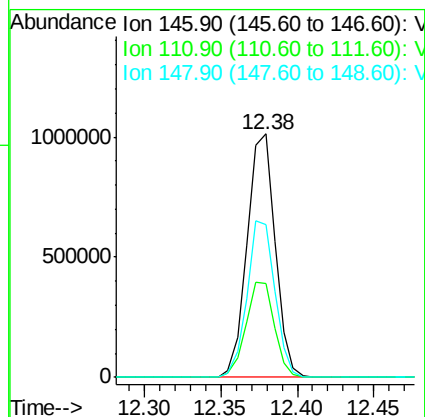
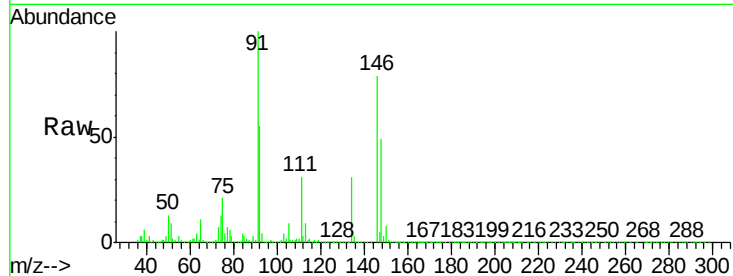
#91
 1,2-Dichlorobenzene
 Concen: 58.395 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	21.0	63.0
148	63.8	32.4	97.0

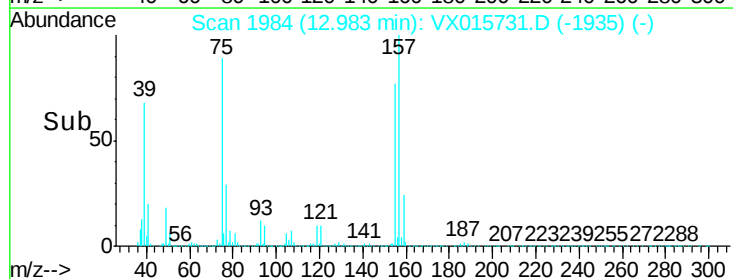
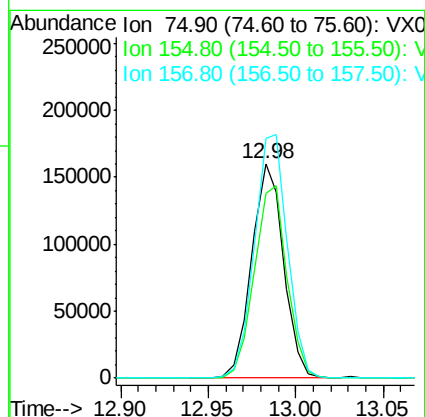
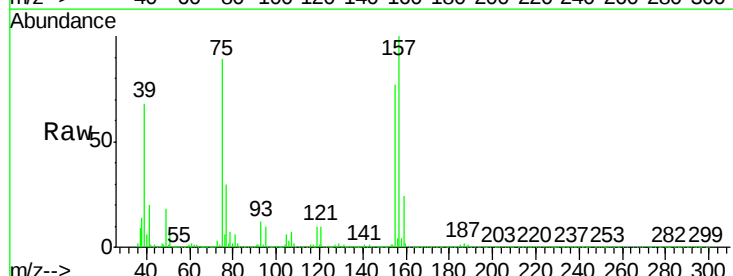
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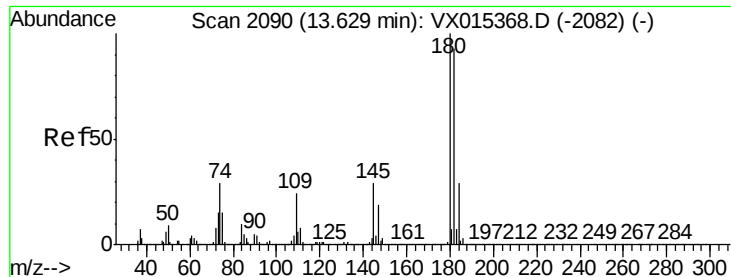
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.746 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.8	42.8	128.4
157	118.0	53.4	160.3





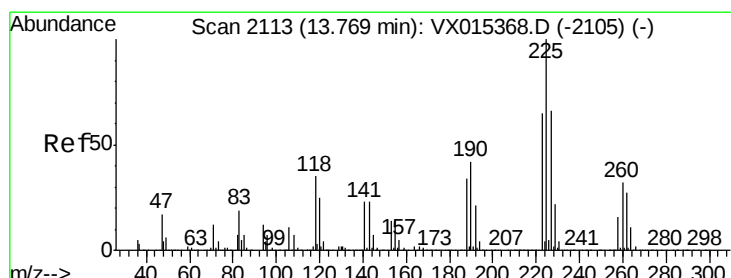
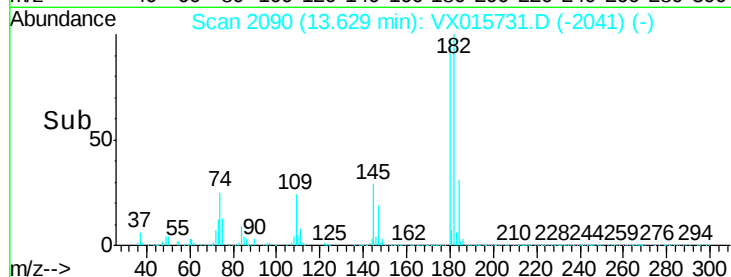
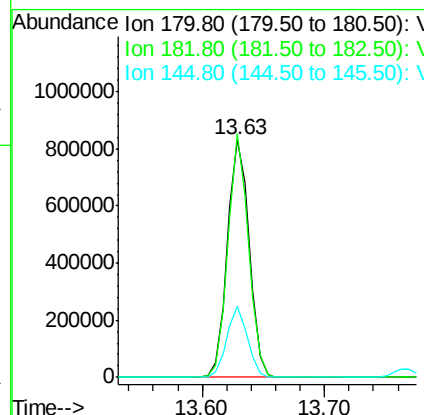
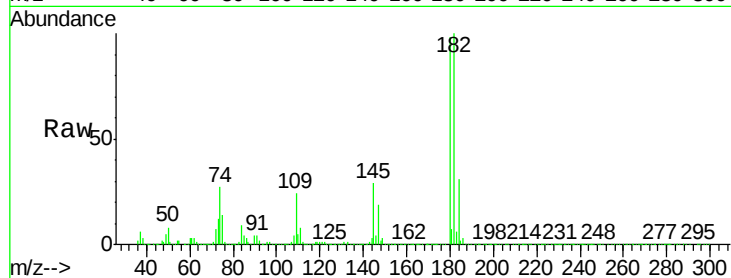
#93
 1,2,4-Trichlorobenzene
 Concen: 58.388 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.5	46.9	140.7
145	28.4	14.9	44.5

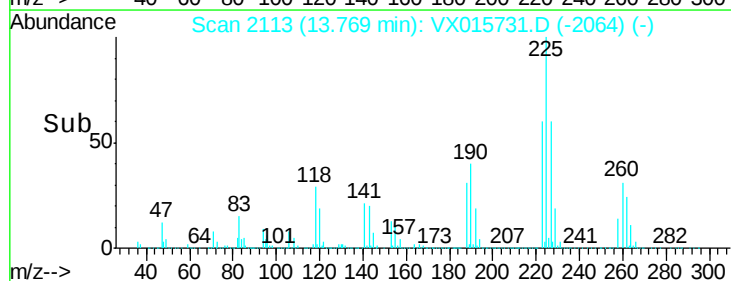
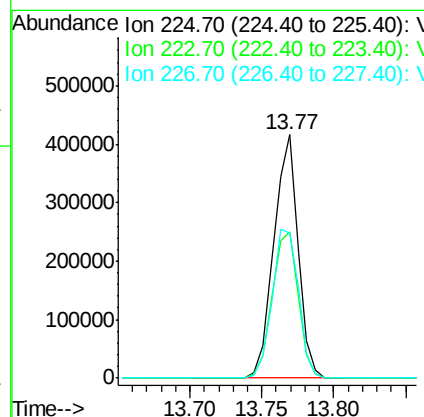
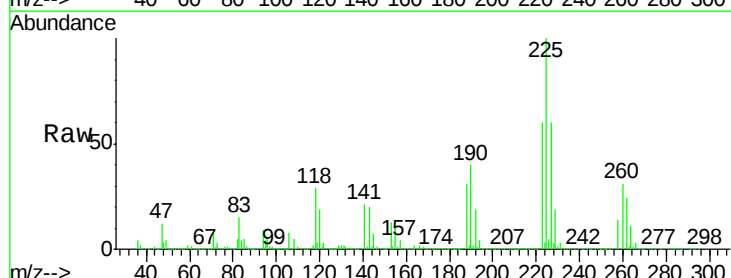
Manual Integrations
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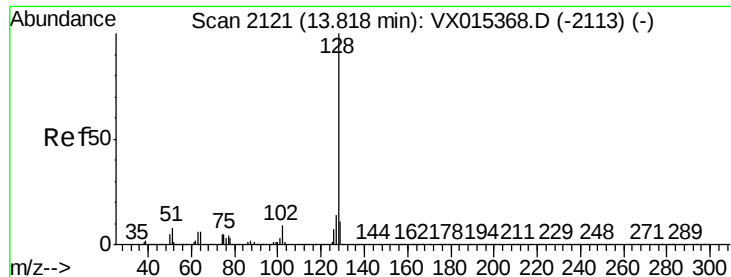
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 4/20/2020 10:57:04 AM



#94
 Hexachlorobutadiene
 Concen: 57.935 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015731.D
 Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.6	31.9	95.7
227	66.6	30.4	91.3





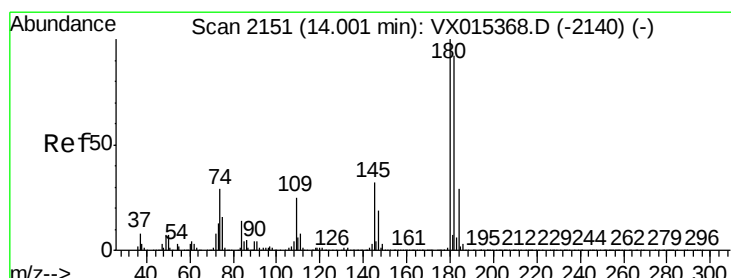
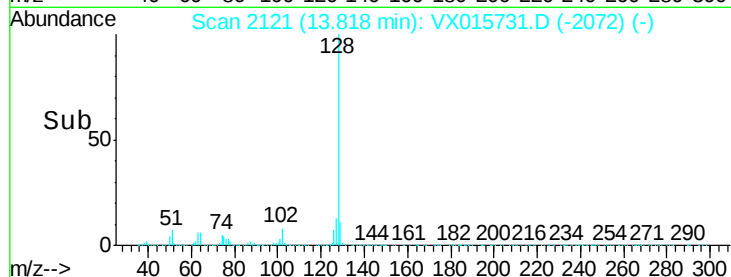
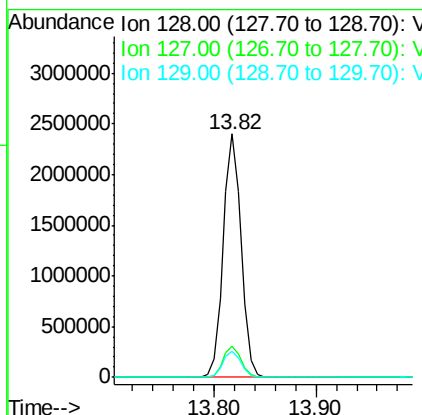
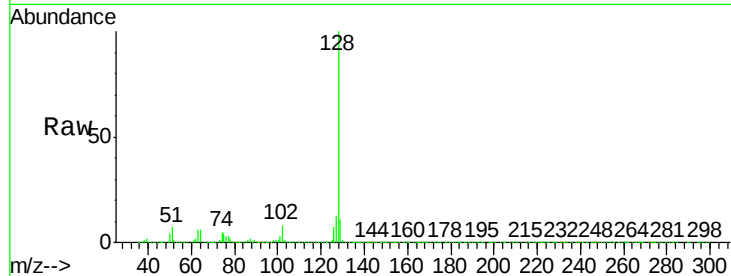
#95
Naphthalene
Concen: 54.820 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 60.640 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015731.D
Acq: 17 Apr 2020 12:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	46.7	140.0
145	30.4	15.8	47.3

