

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015829.D
 Acq On : 22 Apr 2020 05:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:00:32 AM

Quant Time: Apr 22 07:35:41 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	833662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1289478	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1210955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	657997	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	540089	45.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.86%	
35) Dibromofluoromethane	5.47	113	424952	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	8.70	98	1623405	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
62) 4-Bromofluorobenzene	11.12	95	676217	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	291612	39.704	ug/l	100
3) Chloromethane	1.31	50	339695	36.318	ug/l	98
4) Vinyl Chloride	1.39	62	401439	46.741	ug/l	97
5) Bromomethane	1.62	94	128783	29.158	ug/l	97
6) Chloroethane	1.71	64	256935	48.236	ug/l	99
7) Trichlorofluoromethane	1.92	101	578306	50.209	ug/l	99
8) Diethyl Ether	2.17	74	241782	49.768	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	383008	51.009	ug/l	96
10) Methyl Iodide	2.49	142	425737	42.055	ug/l	96
11) Tert butyl alcohol	3.02	59	592482	210.524	ug/l	100
12) 1,1-Dichloroethene	2.36	96	388813	49.400	ug/l	98
13) Acrolein	2.28	56	441478	275.380	ug/l	99
14) Allyl chloride	2.71	41	851566	46.305	ug/l	95
15) Acrylonitrile	3.12	53	1399014	260.665	ug/l	99
16) Acetone	2.42	43	1171215	231.857	ug/l	95
17) Carbon Disulfide	2.55	76	959391	39.958	ug/l	100
18) Methyl Acetate	2.75	43	715185	55.472	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1576114	51.633	ug/l	100
20) Methylene Chloride	2.84	84	471534	49.975	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	432122	49.471	ug/l	99
22) Diisopropyl ether	3.83	45	1686036	51.739	ug/l	96
23) Vinyl Acetate	3.79	43	7264119	246.199	ug/l	100
24) 1,1-Dichloroethane	3.67	63	863515	50.328	ug/l	98
25) 2-Butanone	4.64	43	1990080	244.969	ug/l	99
26) 2,2-Dichloropropane	4.56	77	542857	38.546	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	531113	52.555	ug/l	96
28) Bromochloromethane	4.98	49	374970	45.773	ug/l	93
29) Tetrahydrofuran	5.09	42	1294331	247.833	ug/l	98
30) Chloroform	5.19	83	861307	52.177	ug/l	97
31) Cyclohexane	5.56	56	735077	49.386	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	764504	51.174	ug/l	98
36) 1,1-Dichloropropene	5.78	75	621947	52.348	ug/l	98
37) Ethyl Acetate	4.80	43	780947	50.481	ug/l	99
38) Carbon Tetrachloride	5.76	117	634451	49.303	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	706648	51.584	ug/l	96
40) Benzene	6.12	78	1904270	54.716	ug/l	98
41) Methacrylonitrile	5.01	41	461091	53.692	ug/l	97
42) 1,2-Dichloroethane	6.17	62	704080	50.365	ug/l	97
43) Isopropyl Acetate	6.42	43	1355535	51.906	ug/l	98
44) Trichloroethene	7.19	130	671452	70.741	ug/l	92
45) 1,2-Dichloropropane	7.50	63	519837	54.601	ug/l	96
46) Dibromomethane	7.64	93	354591	56.777	ug/l	93
47) Bromodichloromethane	7.88	83	698017	52.452	ug/l	97
48) Methyl methacrylate	7.75	41	661222	50.691	ug/l	94
49) 1,4-Dioxane	7.72	88	229973	945.073	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	4004484	270.575	ug/l	98
52) Toluene	8.77	92	1237359	57.667	ug/l	96
53) t-1,3-Dichloropropene	9.03	75	797863	51.121	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	840028	52.836	ug/l	92
55) 1,1,2-Trichloroethane	9.20	97	509943	58.007	ug/l	96
56) Ethyl methacrylate	9.16	69	872710	56.329	ug/l	93
57) 1,3-Dichloropropane	9.36	76	867972	54.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1844625	244.779	ug/l	98
59) 2-Hexanone	9.48	43	3023098	270.556	ug/l	97
60) Dibromochloromethane	9.57	129	544316	51.528	ug/l	98
61) 1,2-Dibromoethane	9.65	107	531317	55.584	ug/l	99
64) Tetrachloroethene	9.32	164	879261	96.212	ug/l	95
65) Chlorobenzene	10.12	112	1340921	55.524	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	534465	55.396	ug/l	99
67) Ethyl Benzene	10.24	91	2363104	55.171	ug/l	98
68) m/p-Xylenes	10.34	106	1758077	110.229	ug/l	98
69) o-Xylene	10.68	106	876992	55.645	ug/l	100
70) Styrene	10.70	104	1576882	56.858	ug/l	97
71) Bromoform	10.84	173	395168	44.992	ug/l #	95
73) Isopropylbenzene	11.00	105	2372443	55.028	ug/l	100
74) N-amyl acetate	10.88	43	1246889	52.000	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	539937	36.498	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	735400m	54.349	ug/l	
77) Bromobenzene	11.24	156	665773	57.894	ug/l	92
78) n-propylbenzene	11.34	91	2639764	53.546	ug/l	98
79) 2-Chlorotoluene	11.40	91	1608162	53.221	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	2019181	54.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	265009	46.993	ug/l	95
82) 4-Chlorotoluene	11.50	91	1899922	53.635	ug/l	98
83) tert-Butylbenzene	11.76	119	1839362	51.142	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	2068581	55.131	ug/l	99
85) sec-Butylbenzene	11.93	105	2342965	56.328	ug/l	99
86) p-Isopropyltoluene	12.05	119	2179676	56.446	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1145101	55.622	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1154342	55.047	ug/l	99
89) n-Butylbenzene	12.37	91	1876894	53.786	ug/l	99
90) Hexachloroethane	12.58	117	260882	34.711	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	1113778	55.282	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	161322	38.636	ug/l	88

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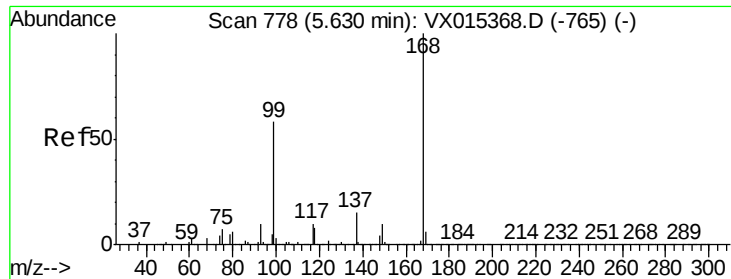
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	894742	56.144	ug/l	98
94) Hexachlorobutadiene	13.77	225	372739	49.126	ug/l	93
95) Naphthalene	13.82	128	2634743	54.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	879277	57.306	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 833662

Ion Ratio Lower Upper

168 100

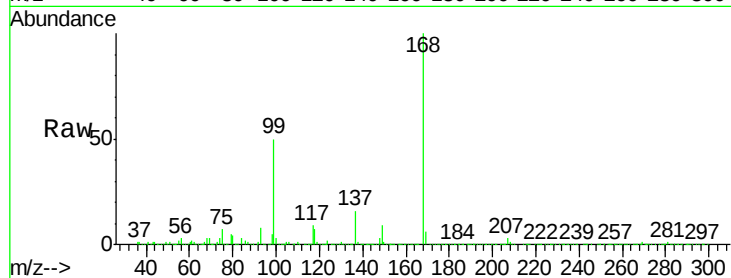
99 49.8 46.4 69.6

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

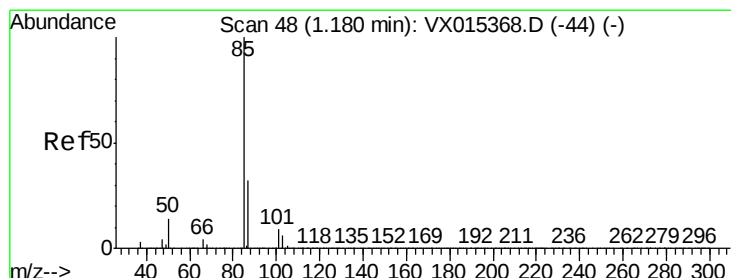
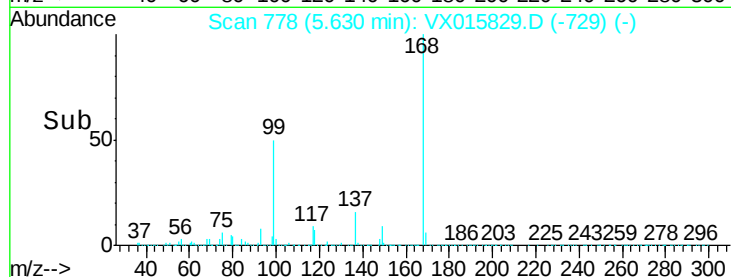
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 39.704 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015829.D

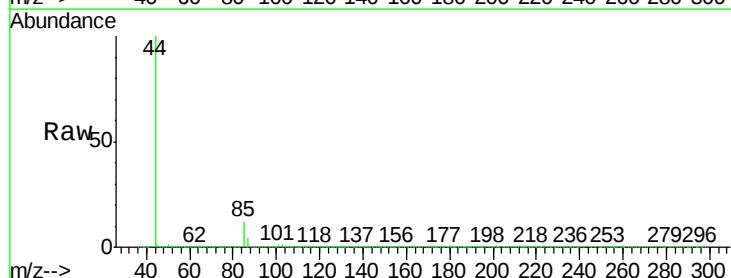
Acq: 22 Apr 2020 05:29

Tgt Ion: 85 Resp: 291612

Ion Ratio Lower Upper

85 100

87 31.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

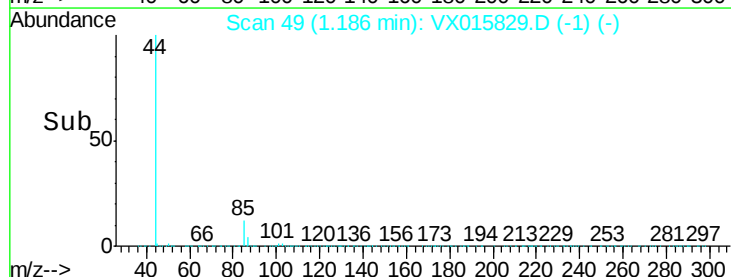
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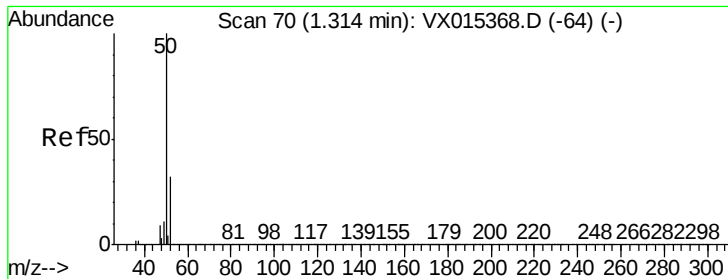
200000

100000

0

Time-->





#3

Chloromethane

Concen: 36.318 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 339695

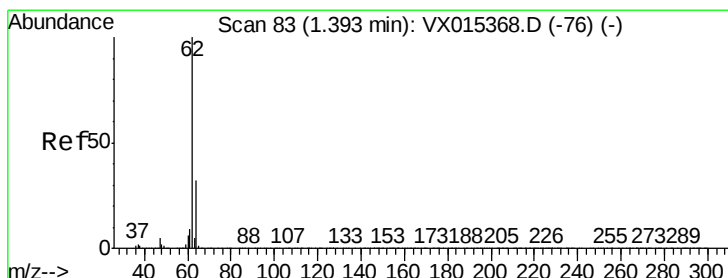
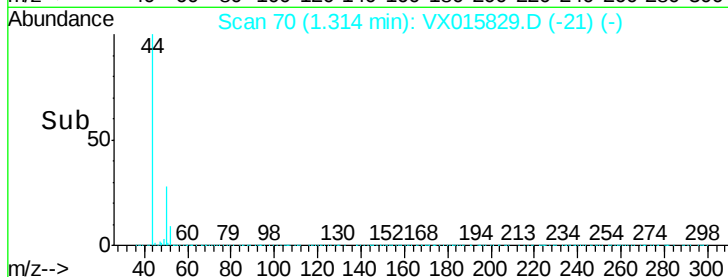
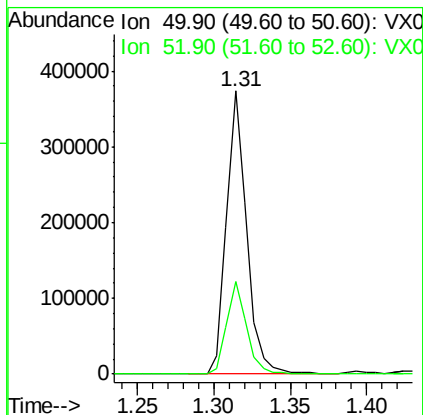
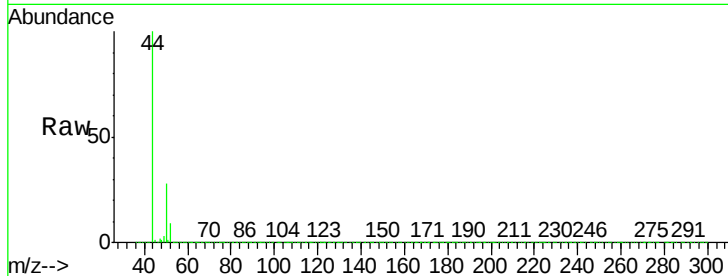
Ion Ratio Lower Upper

50 100

52 32.7 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 46.741 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015829.D

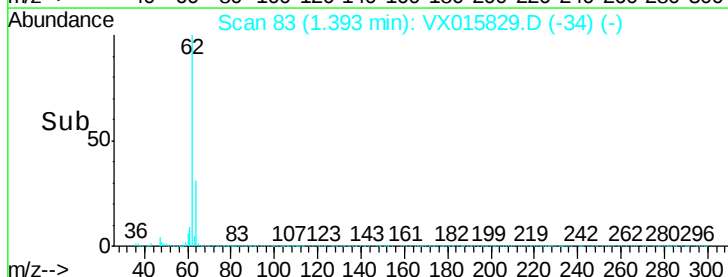
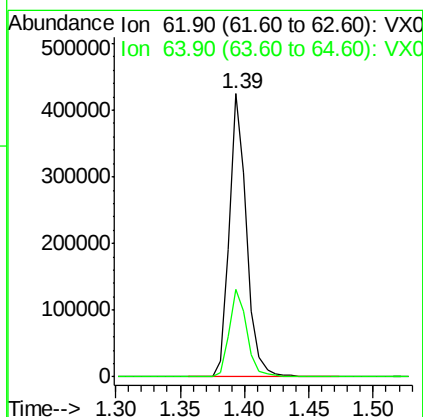
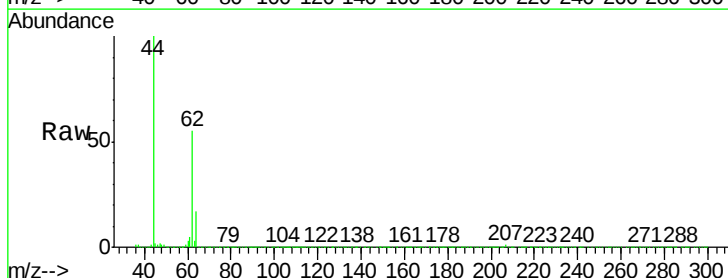
Acq: 22 Apr 2020 05:29

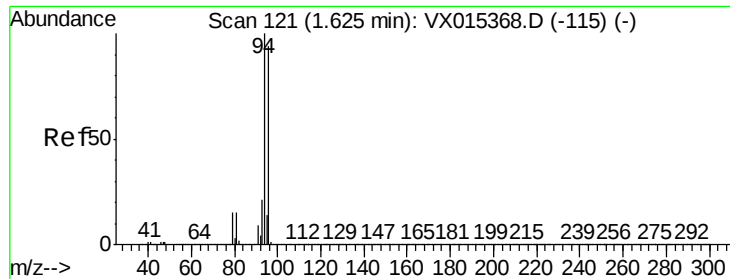
Tgt Ion: 62 Resp: 401439

Ion Ratio Lower Upper

62 100

64 30.9 26.0 39.0





#5

Bromomethane

Concen: 29.158 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 128783

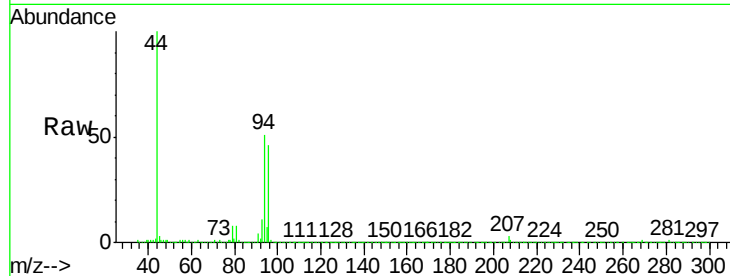
Ion Ratio Lower Upper

94 100

96 90.6 74.8 112.2

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

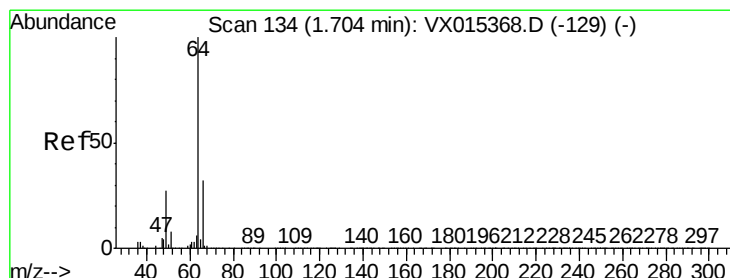
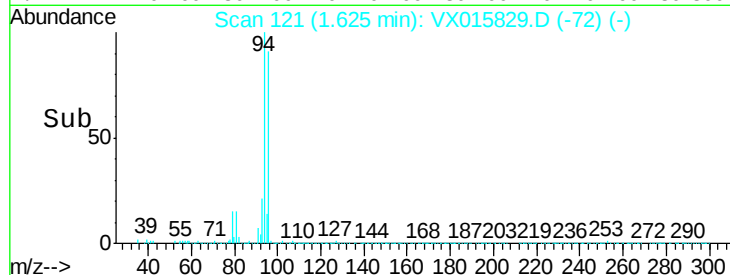
150000

100000

50000

0

Time--> 1.55 1.60 1.65



#6

Chloroethane

Concen: 48.236 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015829.D

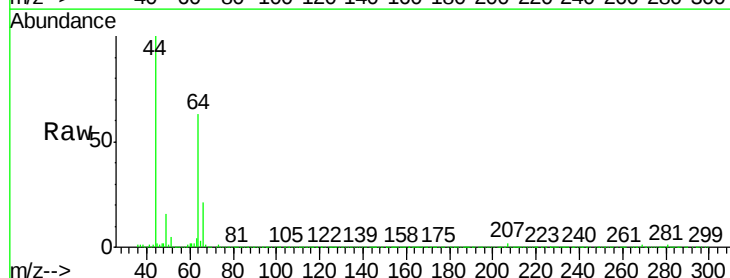
Acq: 22 Apr 2020 05:29

Tgt Ion: 64 Resp: 256935

Ion Ratio Lower Upper

64 100

66 32.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

250000

200000

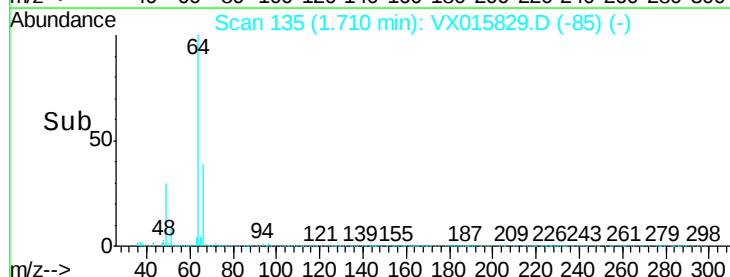
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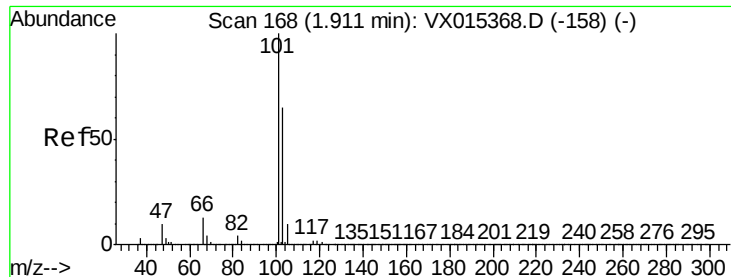
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50000

0

Time--> 1.60 1.70 1.80





#7

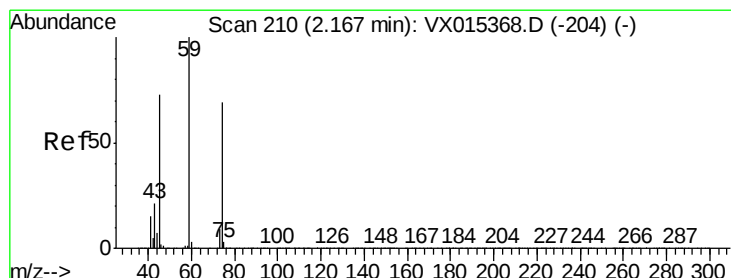
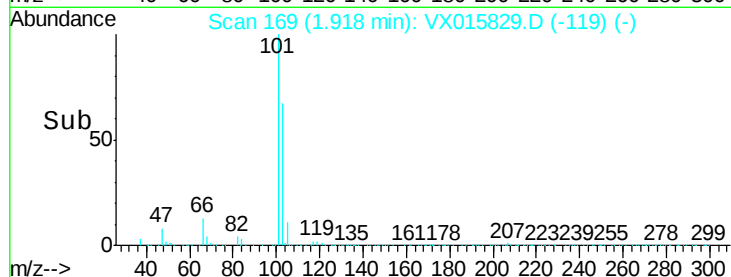
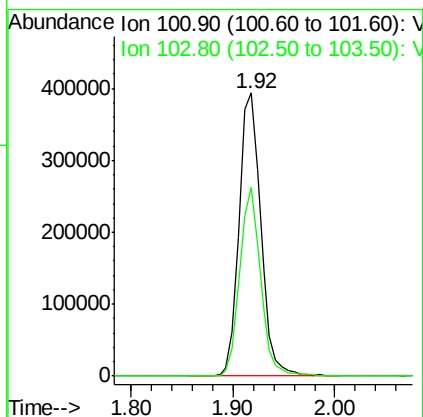
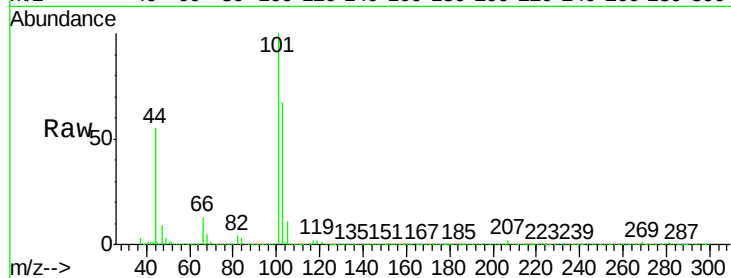
Trichlorofluoromethane
Concen: 50.209 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.3	78.5

Manual Integrations
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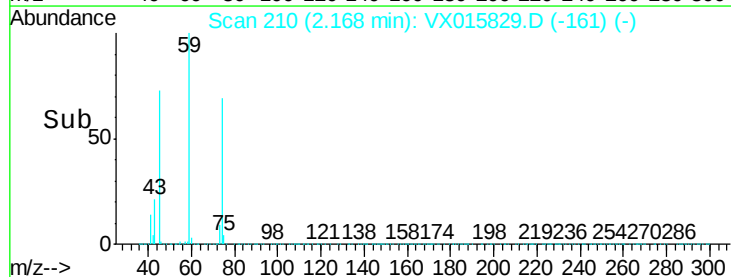
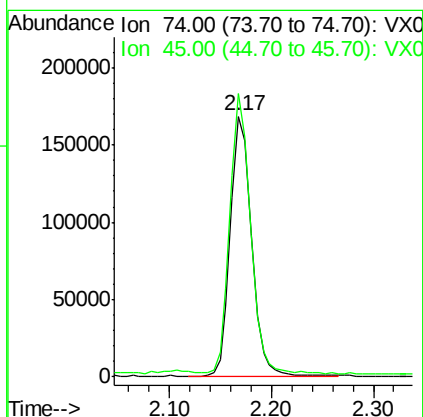
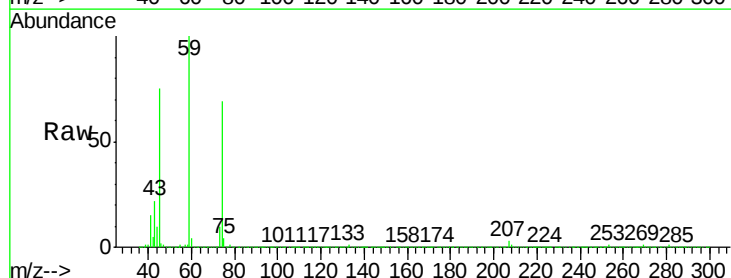
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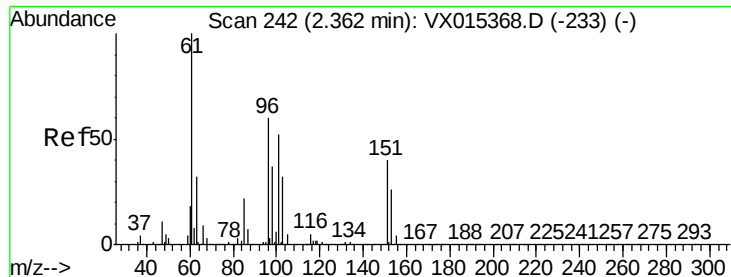


#8

Diethyl Ether
Concen: 49.768 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.009 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

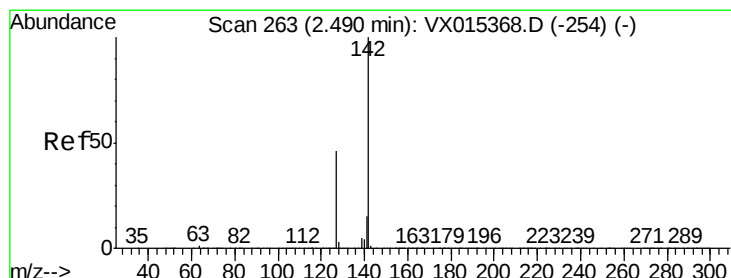
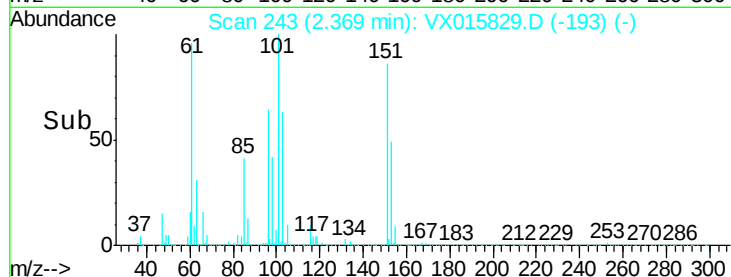
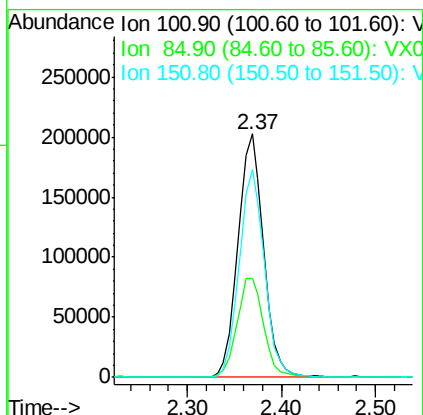
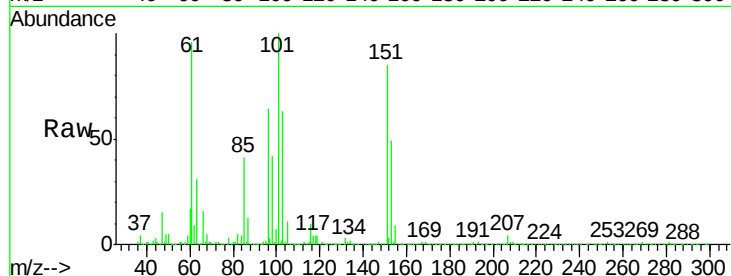
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	383008
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.0	52.4
151	84.8	64.1	96.1

Manual Integrations
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4/22/2020 10:00:32 AM



#10

Methyl Iodide

Concen: 42.055 ug/l

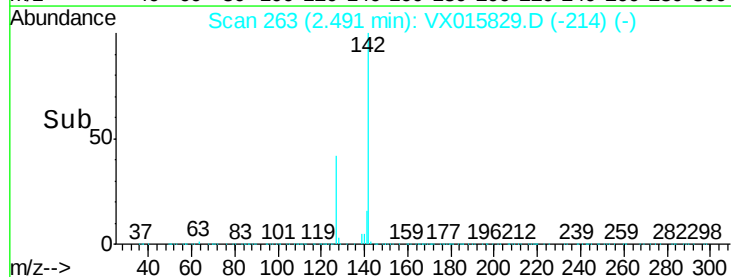
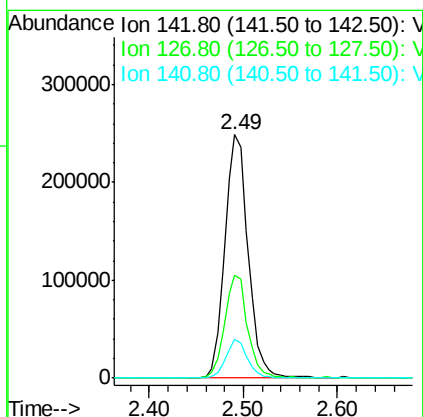
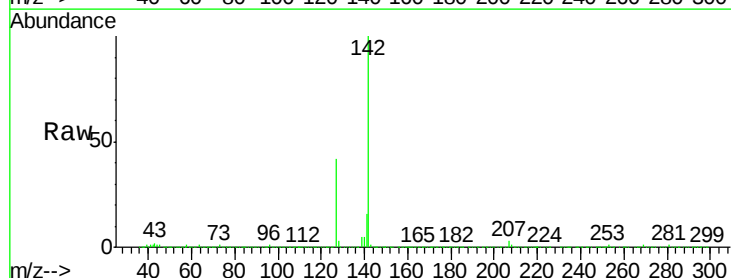
RT: 2.49 min Scan# 263

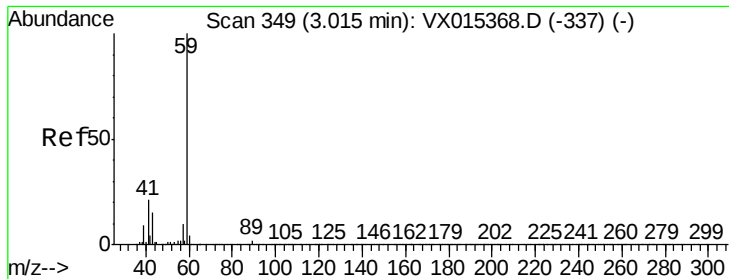
Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion:	142	Resp:	425737
Ion Ratio	Lower	Upper	
142	100		
127	41.6	35.9	53.9
141	14.8	11.6	17.4





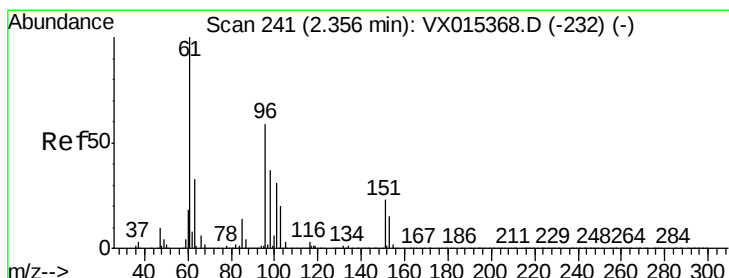
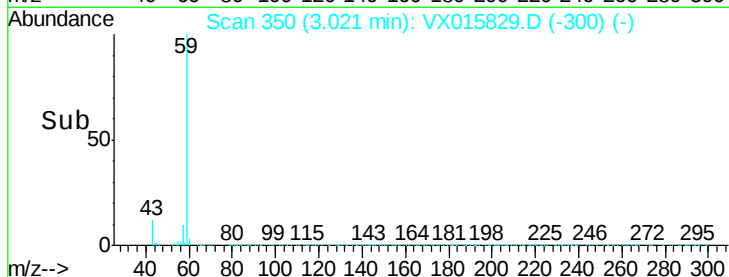
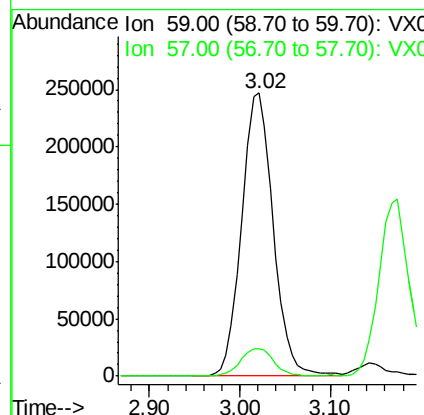
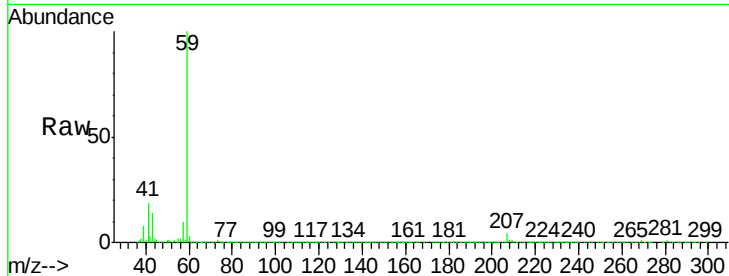
#11
Tert butyl alcohol
Concen: 210.524 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.1	12.1

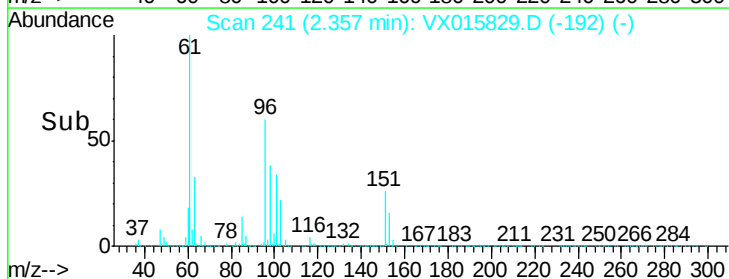
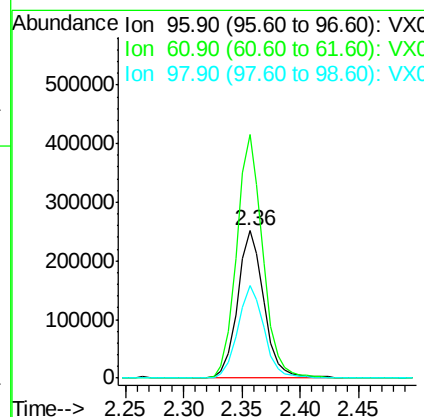
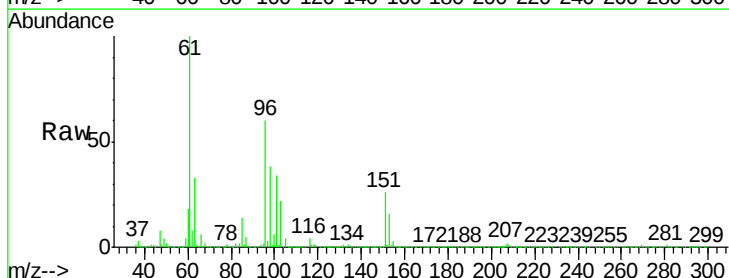
Manual Integrations
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#12
1,1-Dichloroethene
Concen: 49.400 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.1	135.7	203.5
98	63.0	50.6	75.8





#13

Acrolein

Concen: 275.380 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 441478

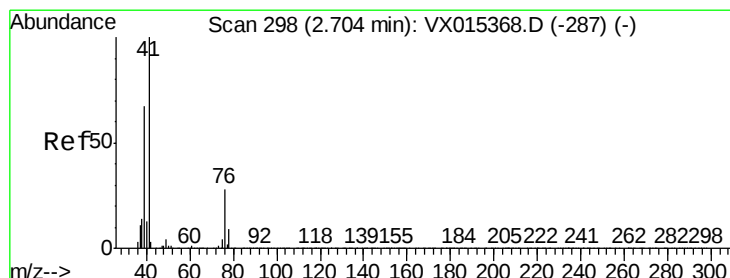
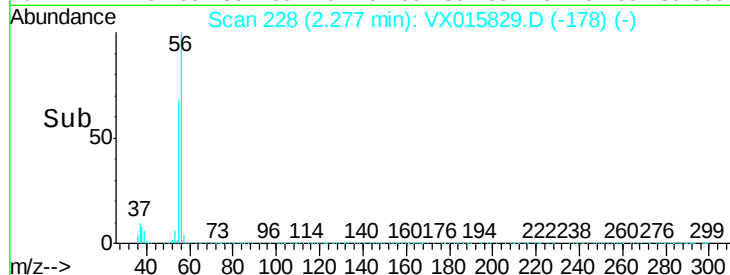
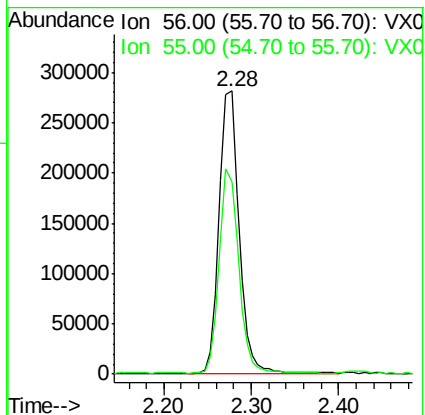
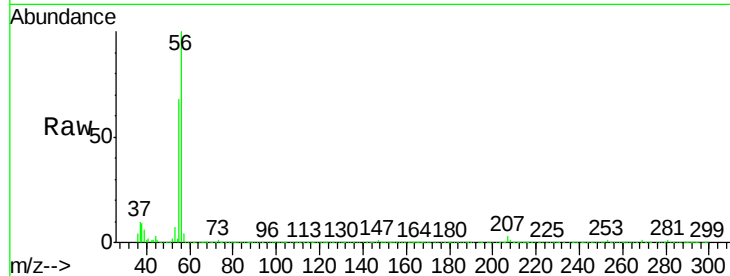
Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.4

Manual Integrations
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4/22/2020 10:00:32 AM



#14

Allyl chloride

Concen: 46.305 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

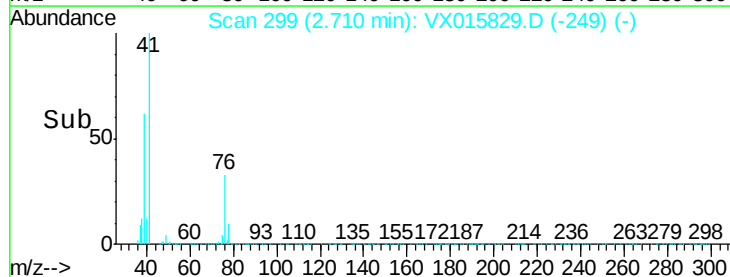
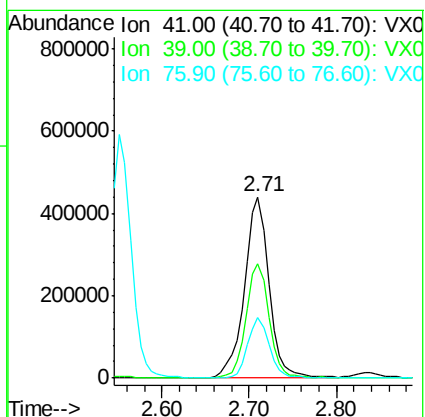
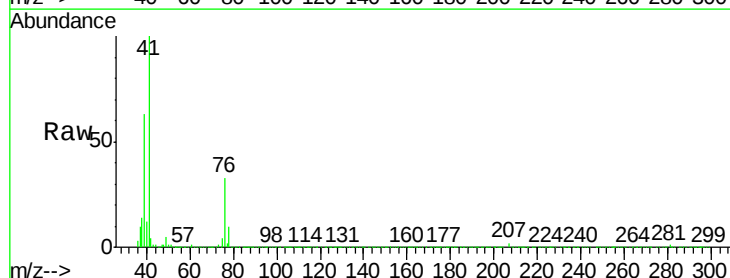
Tgt Ion: 41 Resp: 851566

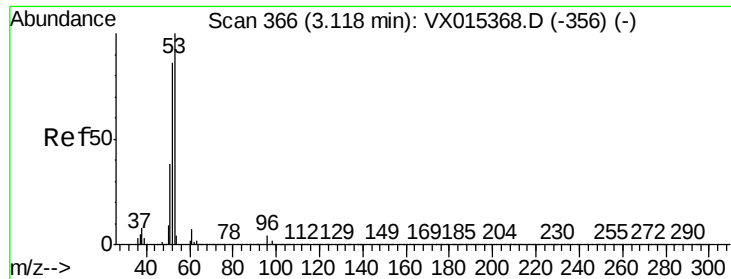
Ion Ratio Lower Upper

41 100

39 59.8 51.4 77.0

76 29.5 21.8 32.8





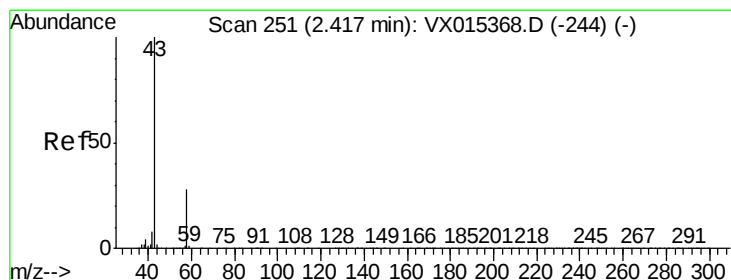
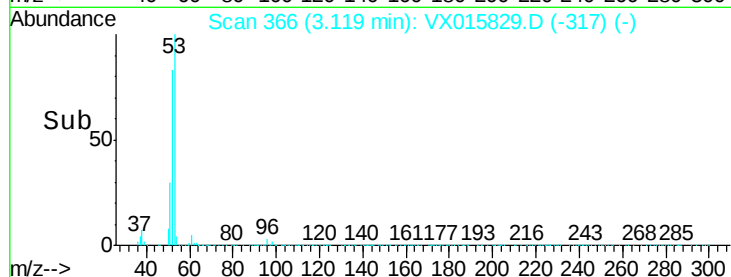
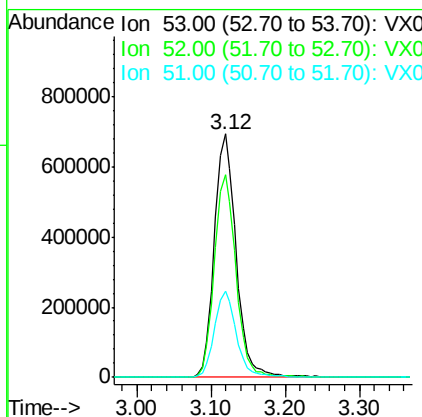
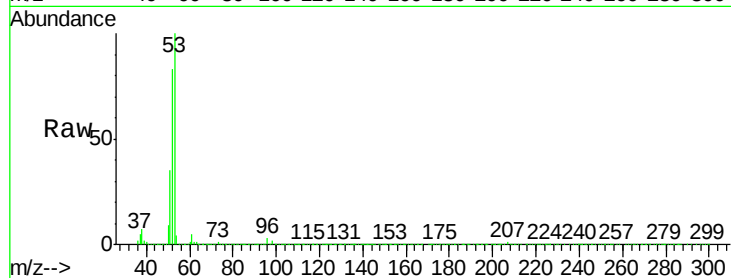
#15
 Acrylonitrile
 Concen: 260.665 ug/l
 RT: 3.12 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	1399014
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.8	100.2
51	35.5	29.5	44.3

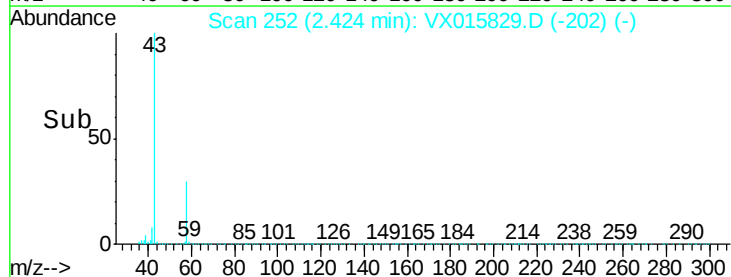
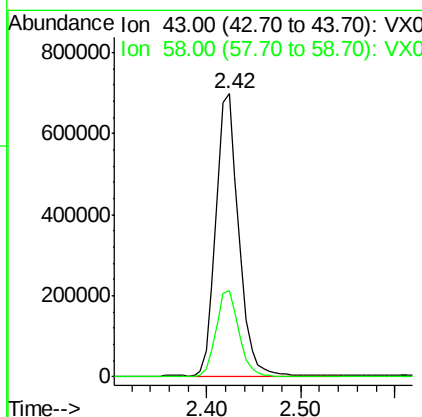
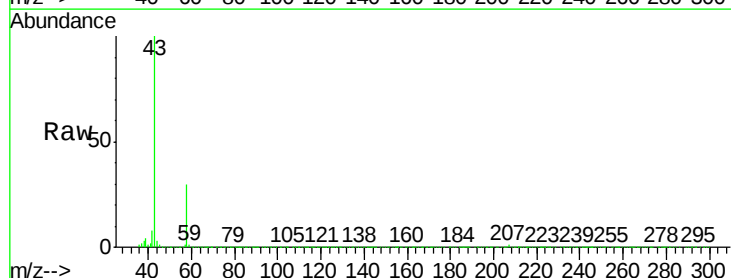
Manual Integrations
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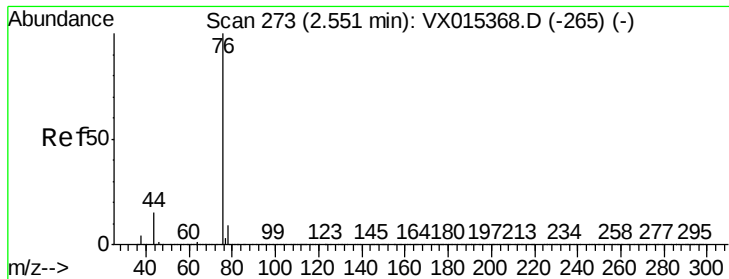
MMDadoda
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#16
 Acetone
 Concen: 231.857 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. 0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion:	43	Resp:	1171215
Ion	Ratio	Lower	Upper
43	100		
58	30.3	22.1	33.1





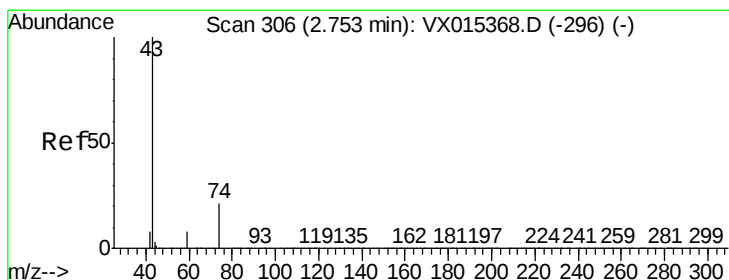
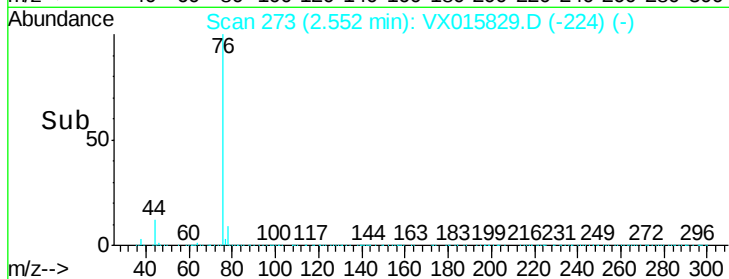
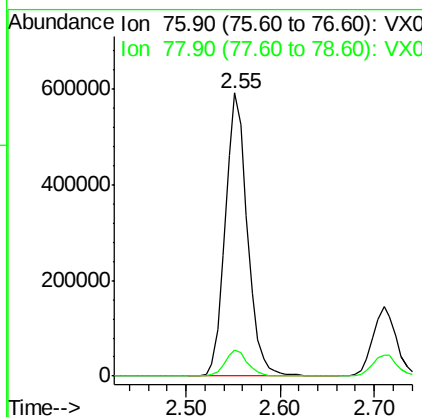
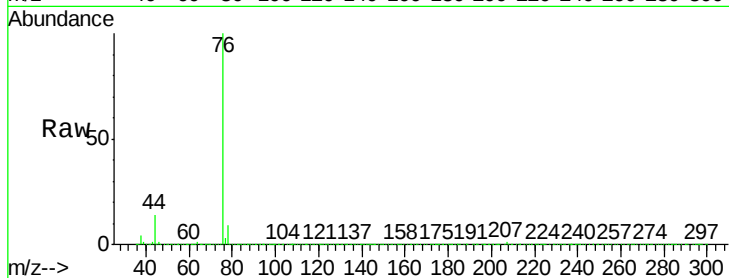
#17
Carbon Disulfide
Concen: 39.958 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.1	10.7

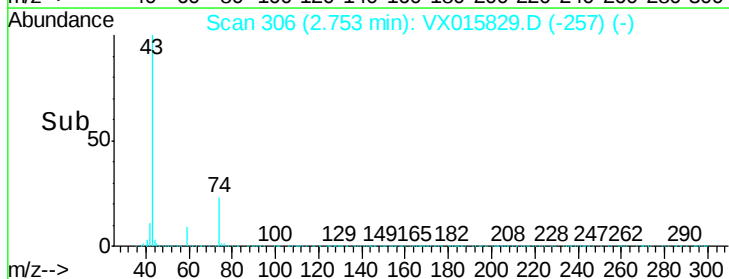
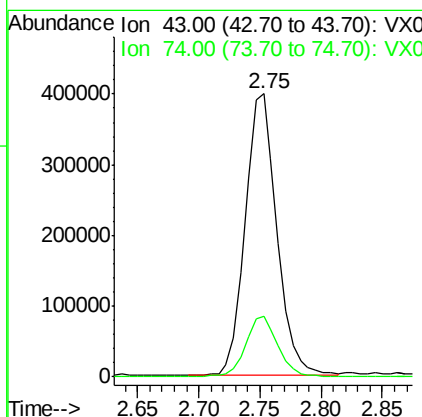
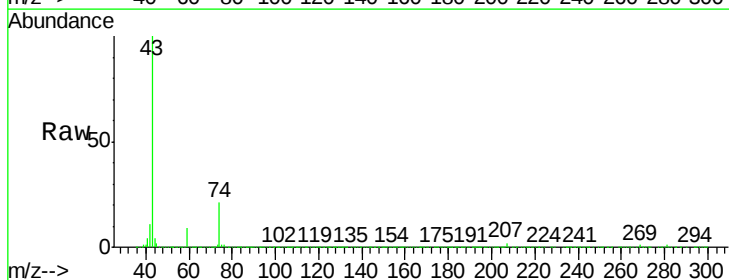
Manual Integrations
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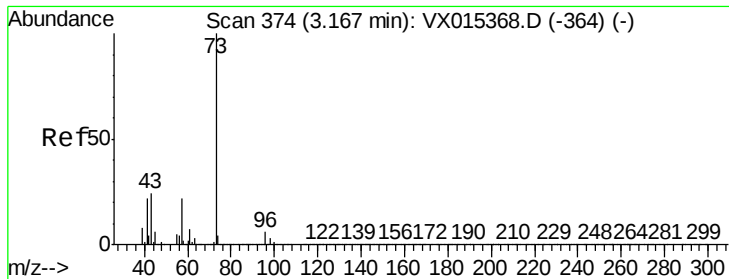
MMDadoda
4/22/2020 10:00:32 AM



#18
Methyl Acetate
Concen: 55.472 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	16.5	24.7





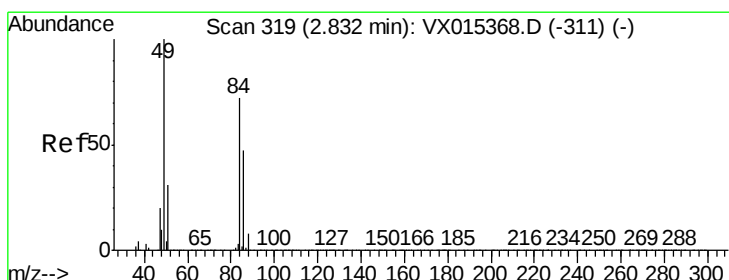
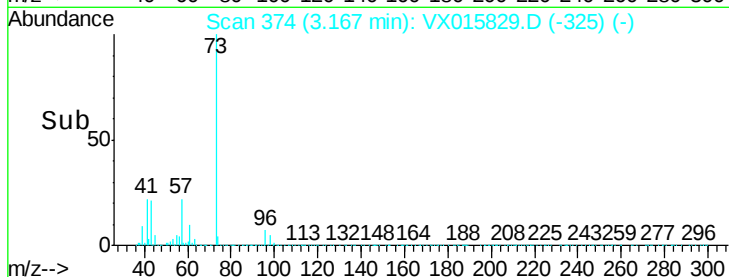
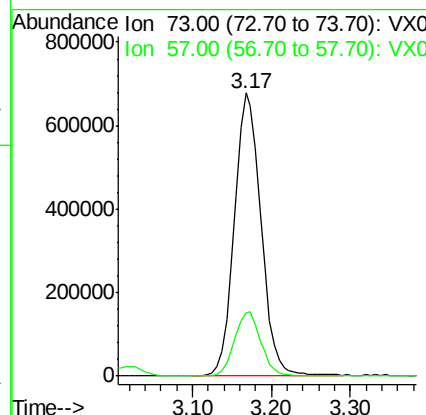
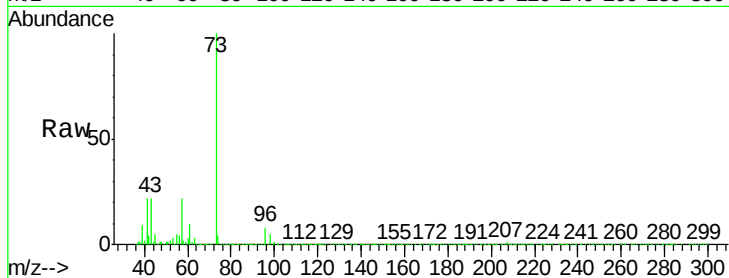
#19
Methyl tert-butyl Ether
Concen: 51.633 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1576114
Ion Ratio Lower Upper
73 100
57 22.3 17.9 26.9

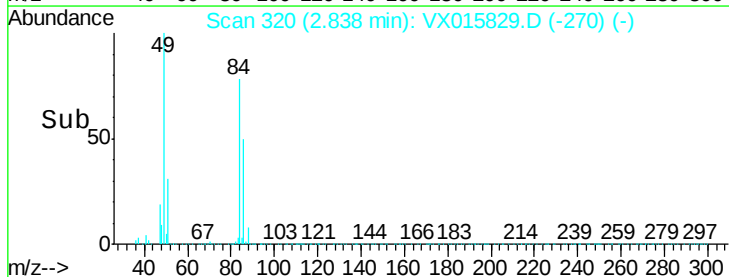
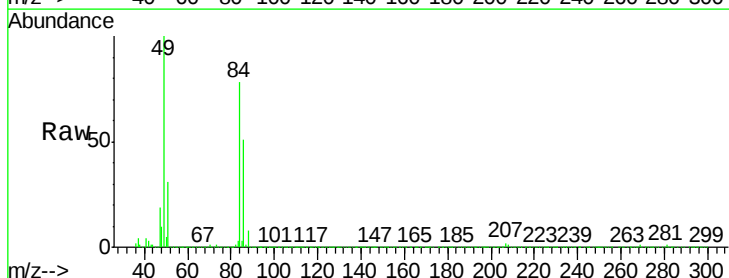
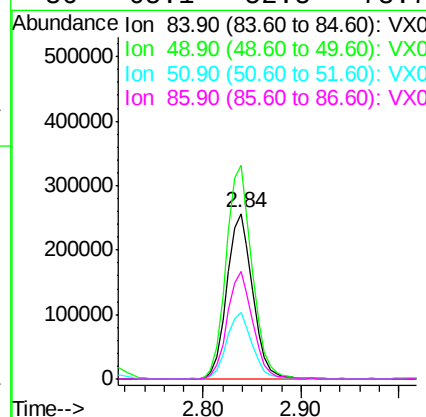
Manual Integrations
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4/22/2020 10:00:32 AM



#20
Methylene Chloride
Concen: 49.975 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 84 Resp: 471534
Ion Ratio Lower Upper
84 100
49 128.9 111.3 166.9
51 40.0 34.0 51.0
86 65.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 49.471 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

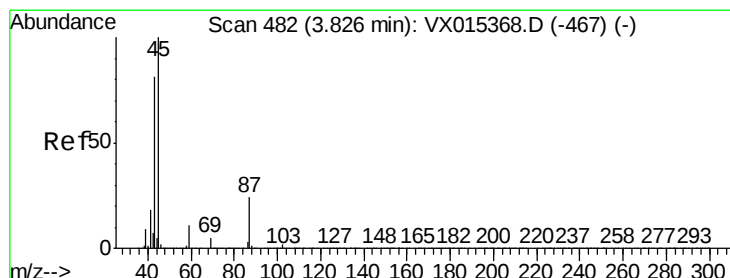
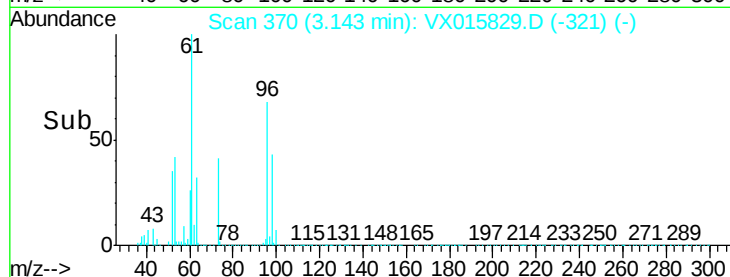
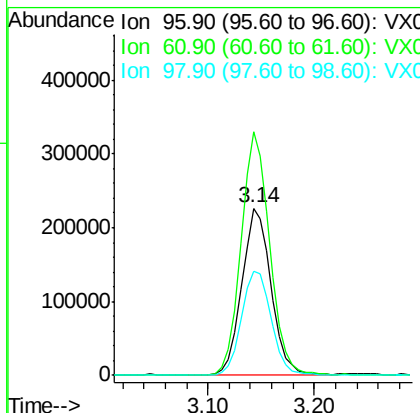
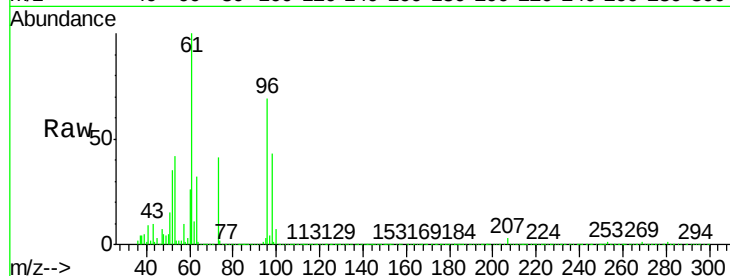
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	432122
Ion	Ratio	Lower	Upper
96	100		
61	146.1	116.9	175.3
98	62.5	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.739 ug/l

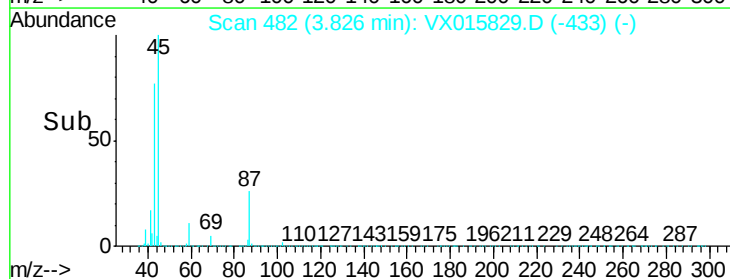
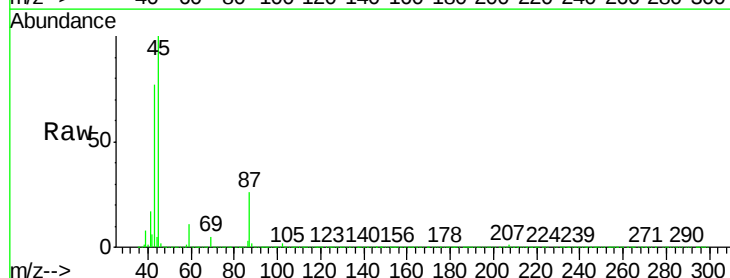
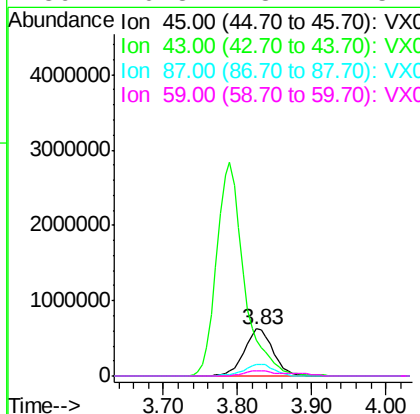
RT: 3.83 min Scan# 482

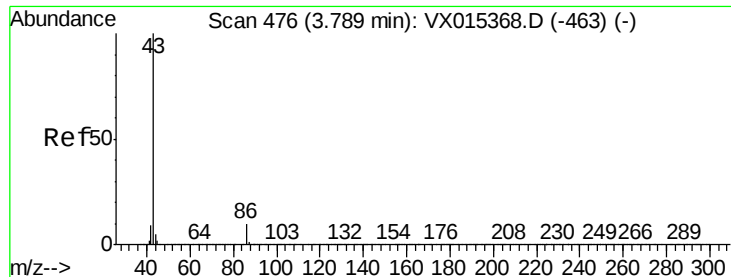
Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion:	45	Resp:	1686036
Ion	Ratio	Lower	Upper
45	100		
43	76.6	64.7	97.1
87	25.5	19.4	29.0
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 246.199 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 7264119

Ion Ratio Lower Upper

43 100

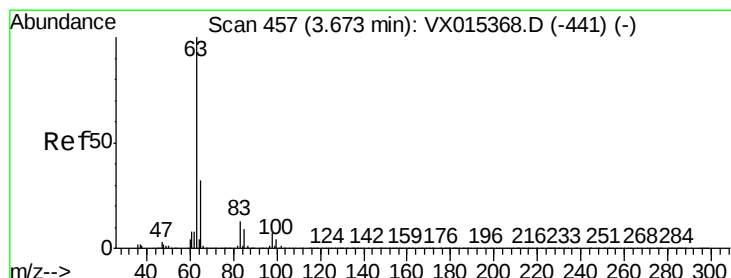
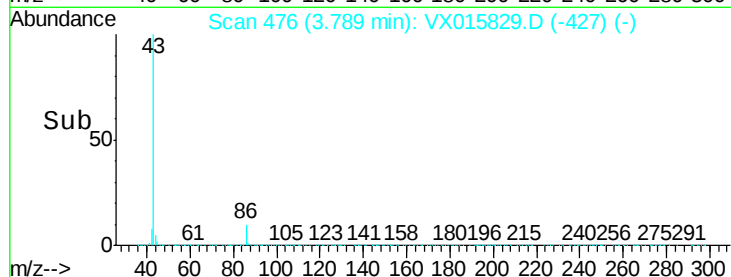
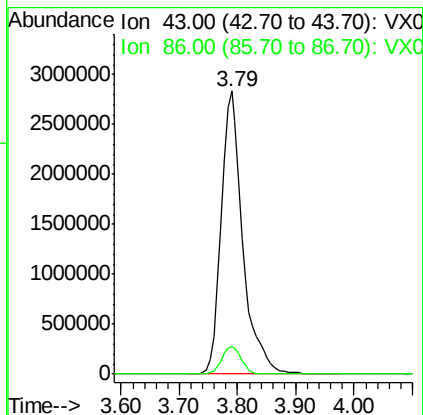
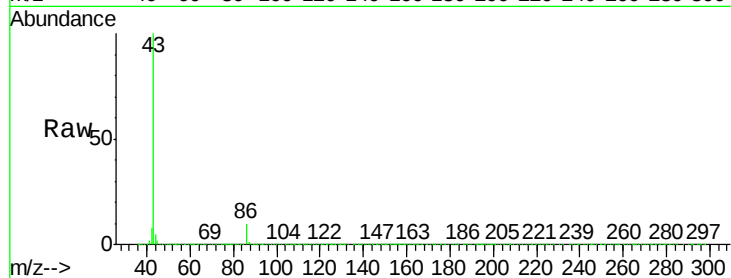
86 9.8 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.328 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

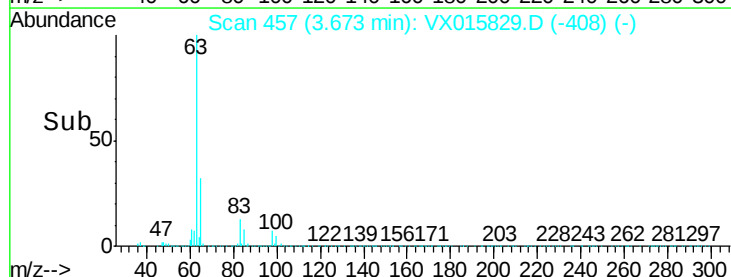
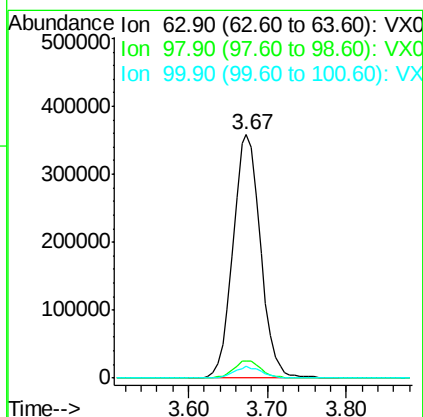
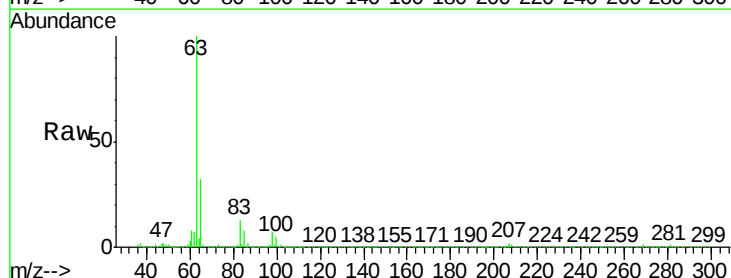
Tgt Ion: 63 Resp: 863515

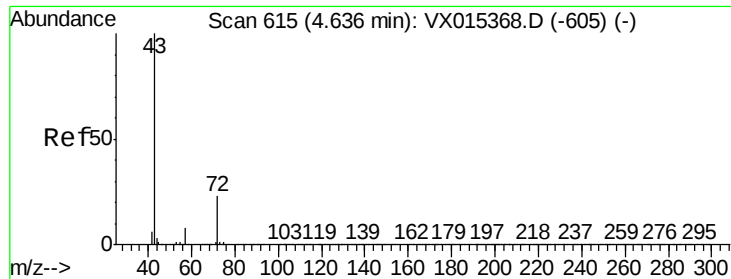
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.9 2.1 6.5





#25

2-Butanone

Concen: 244.969 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1990080

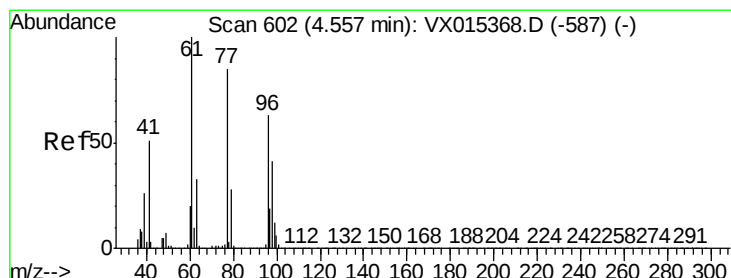
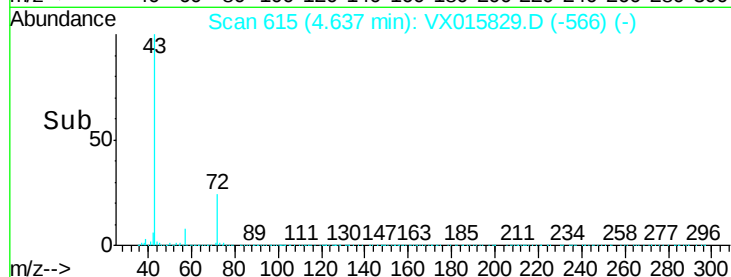
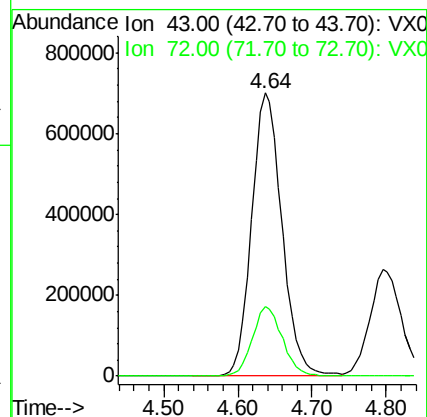
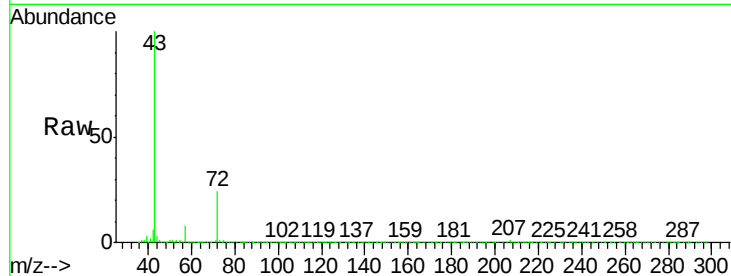
Ion Ratio Lower Upper

43 100

72 24.3 19.0 28.4

Manual Integrations
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4/22/2020 10:00:32 AM



#26

2,2-Dichloropropane

Concen: 38.546 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015829.D

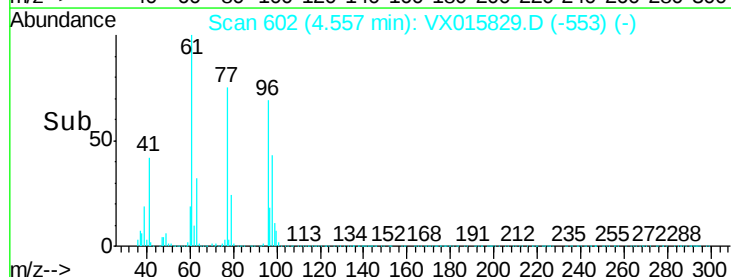
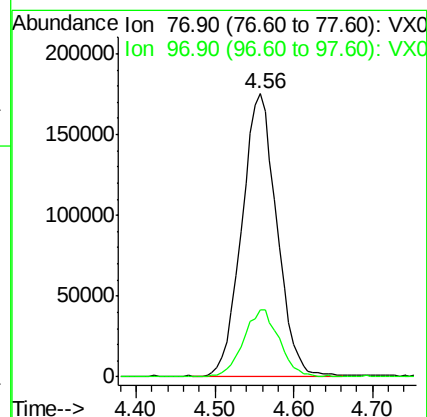
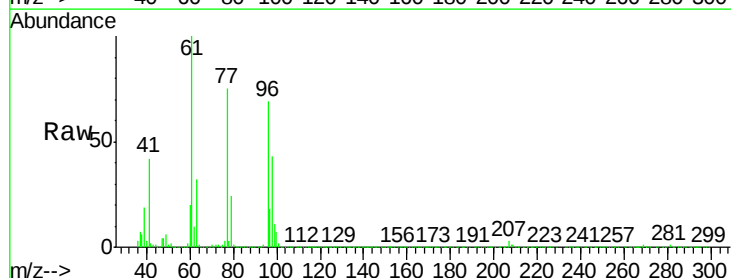
Acq: 22 Apr 2020 05:29

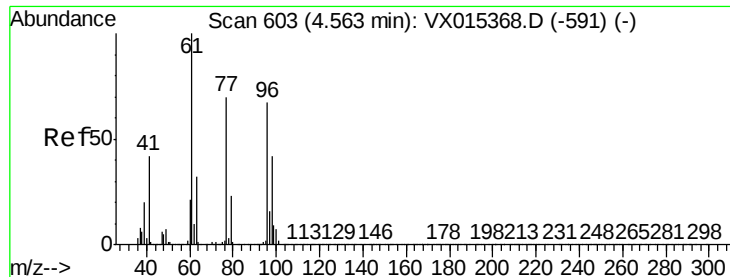
Tgt Ion: 77 Resp: 542857

Ion Ratio Lower Upper

77 100

97 24.4 11.3 33.8





#27

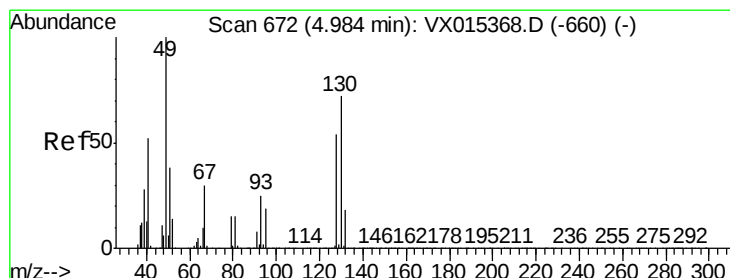
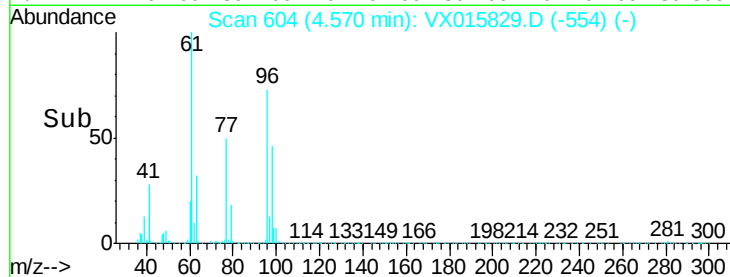
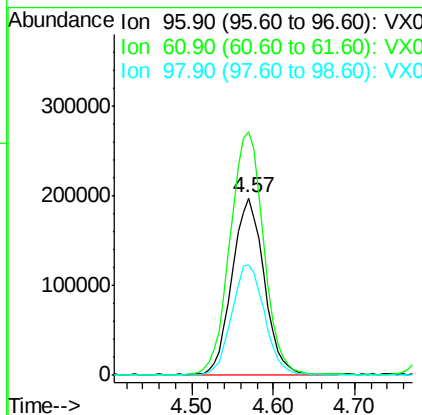
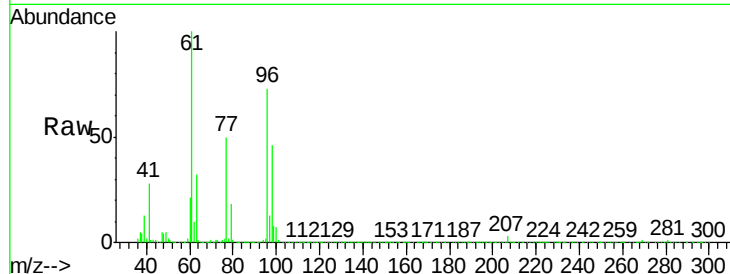
cis-1,2-Dichloroethene
Concen: 52.555 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	531113		
61	146.0	0.0	308.4	
98	64.6	0.0	129.2	

Manual Integrations
APPROVED

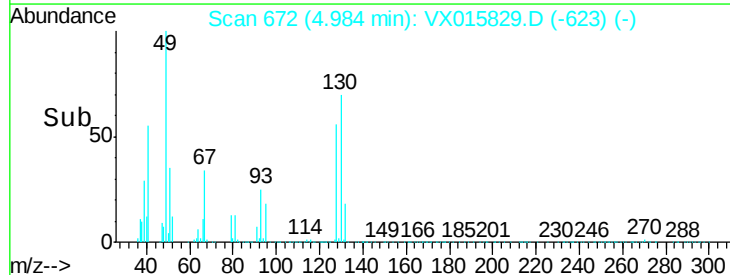
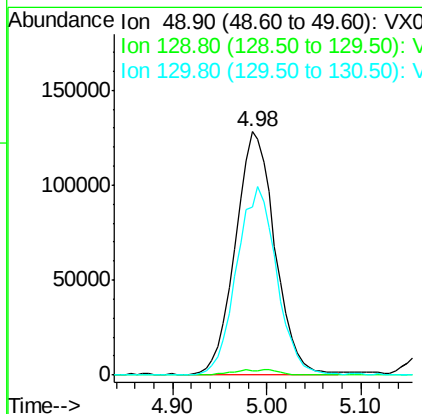
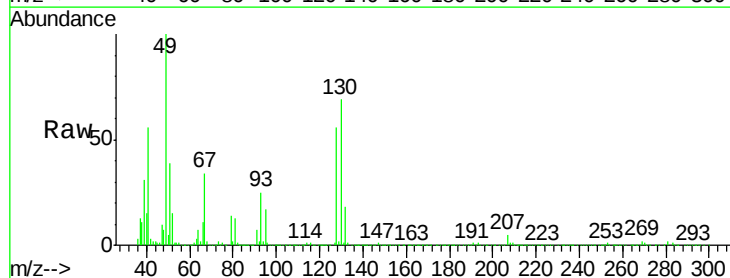
MMDadoda
4/22/2020 10:00:32 AM

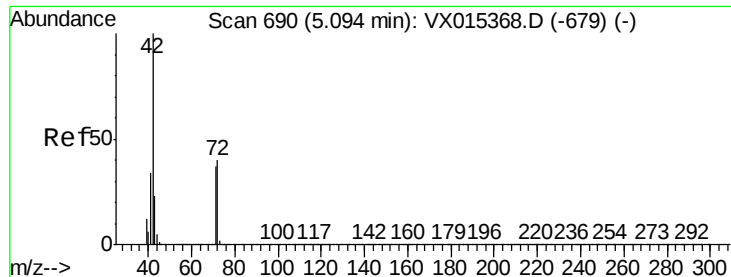


#28

Bromochloromethane
Concen: 45.773 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	374970		
129	1.1	0.0	4.4	
130	78.4	57.7	86.5	





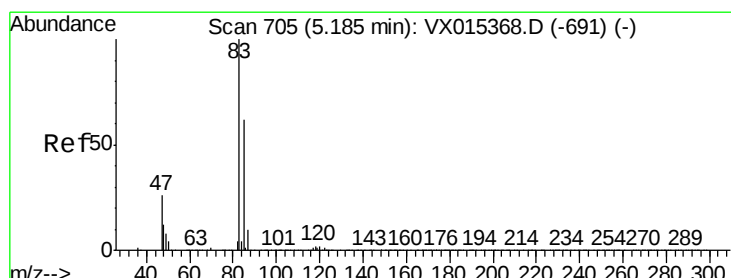
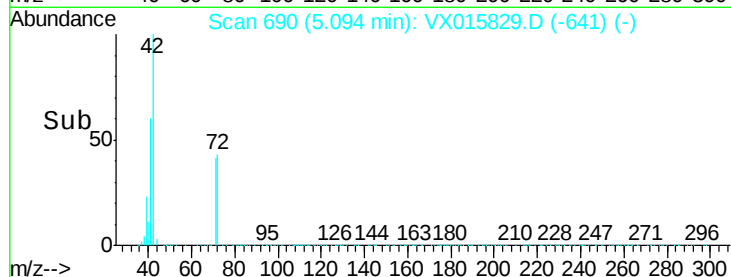
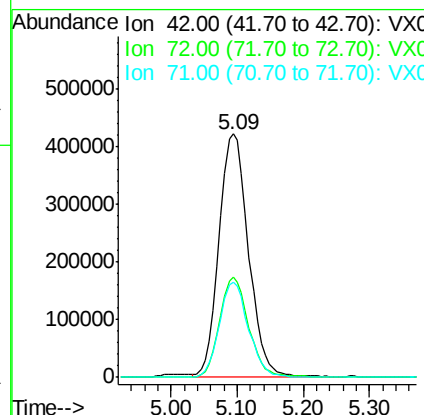
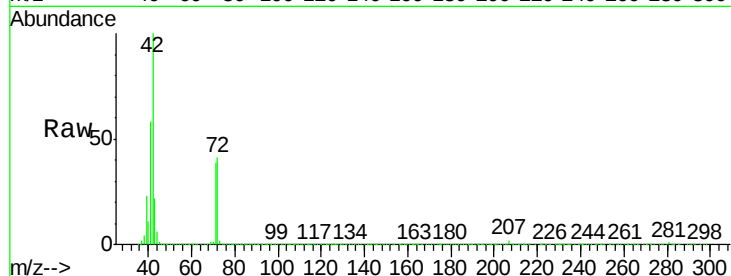
#29
Tetrahydrofuran
Concen: 247.833 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	42	Resp:	1294331
Ion	Ratio	Lower	Upper
42	100		
72	41.0	31.7	47.5
71	38.6	29.6	44.4

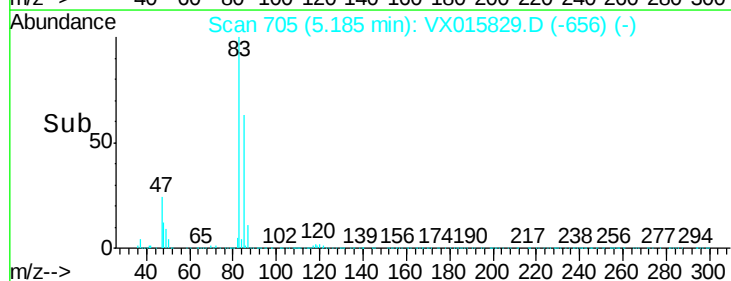
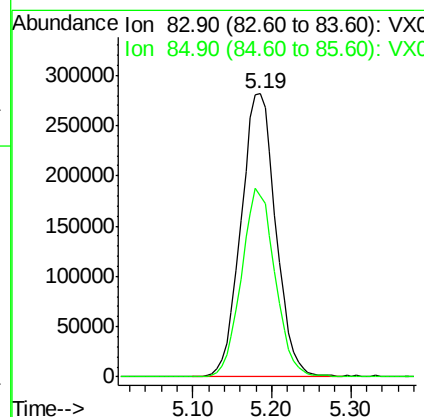
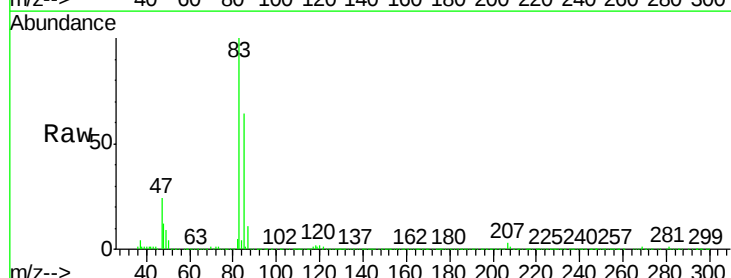
Manual Integrations
APPROVED

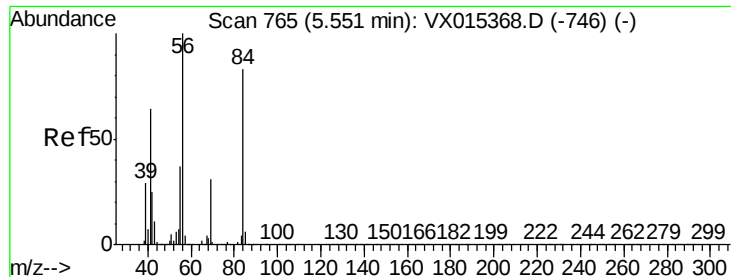
MMDadoda
4/22/2020 10:00:32 AM



#30
Chloroform
Concen: 52.177 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion:	83	Resp:	861307
Ion	Ratio	Lower	Upper
83	100		
85	63.9	49.5	74.3





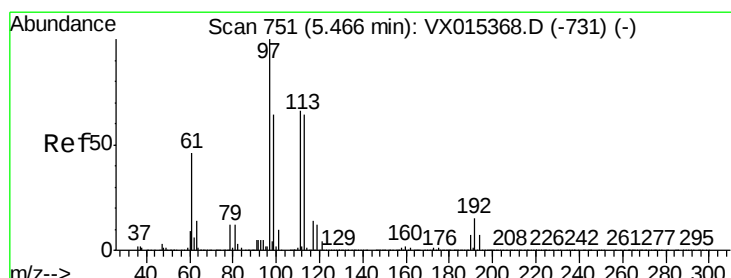
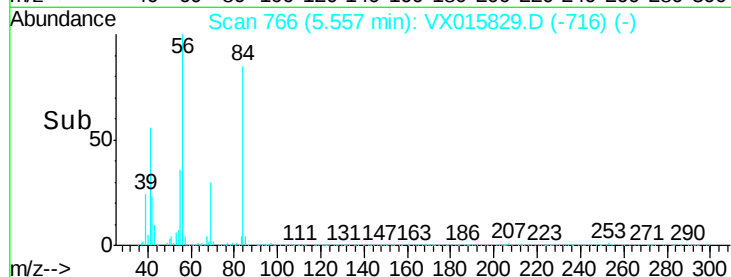
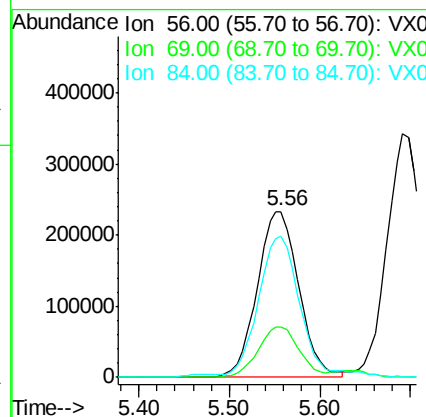
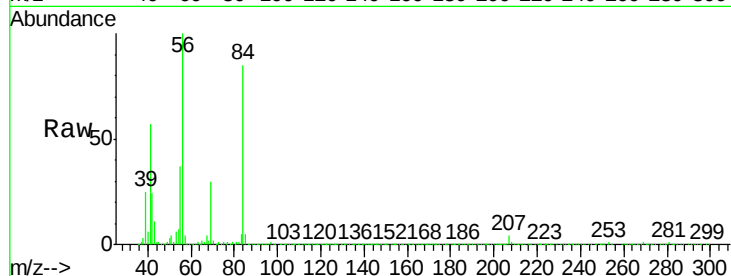
#31
Cvclohexane
Concen: 49.386 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.6	36.8
84	83.3	66.1	99.1

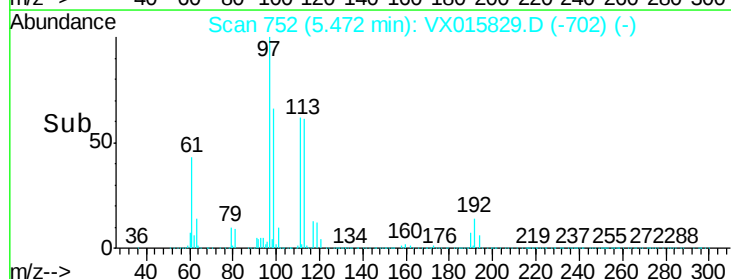
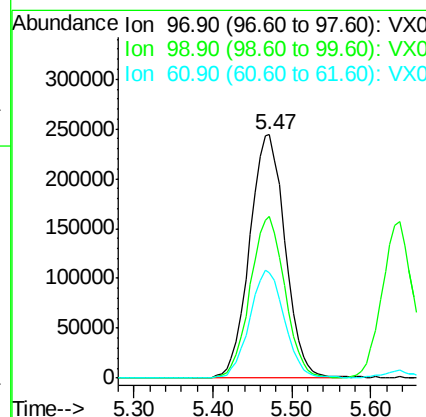
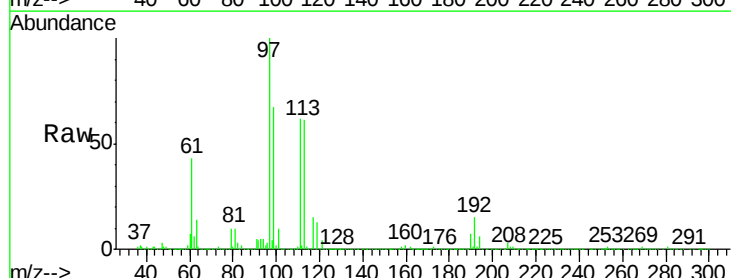
Manual Integrations
APPROVED

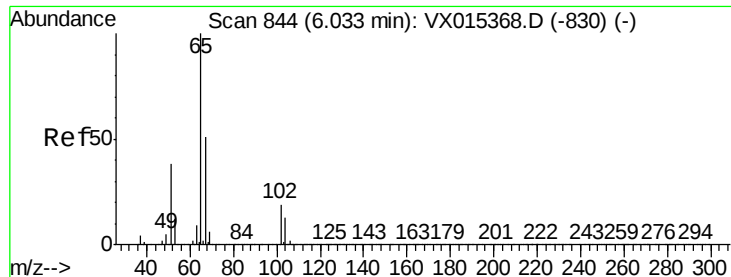
MMDadoda
4/22/2020 10:00:32 AM



#32
1,1,1-Trichloroethane
Concen: 51.174 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	43.3	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.934 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 540089

Ion Ratio Lower Upper

65 100

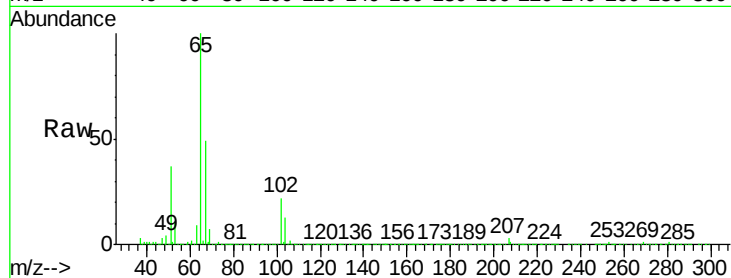
67 52.1 0.0 102.6

Manual Integrations

APPROVED

MMDadoda

4/22/2020 10:00:32 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

250000

200000

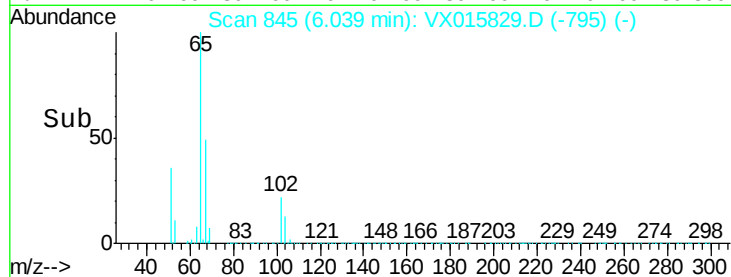
150000

100000

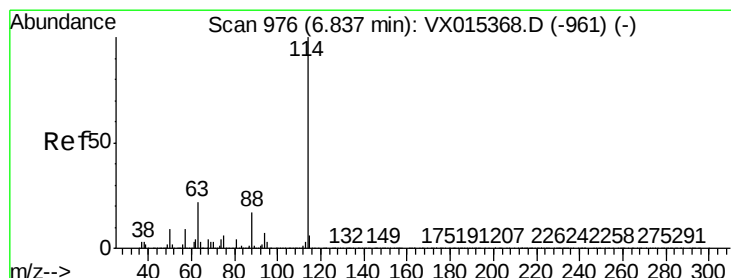
50000

0

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

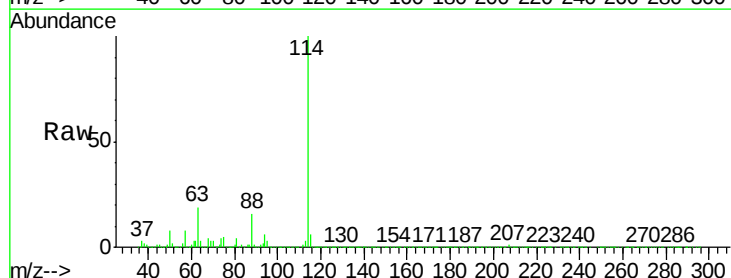
Tgt Ion: 114 Resp: 1289478

Ion Ratio Lower Upper

114 100

63 19.3 0.0 44.2

88 15.9 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

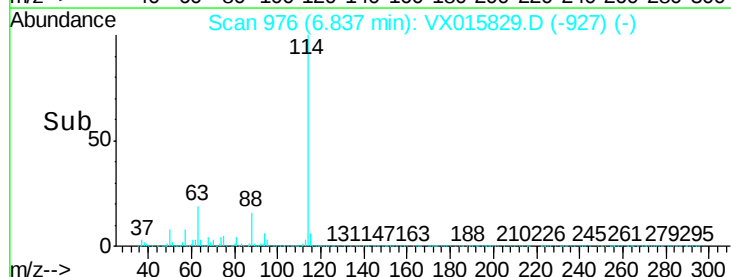
600000

400000

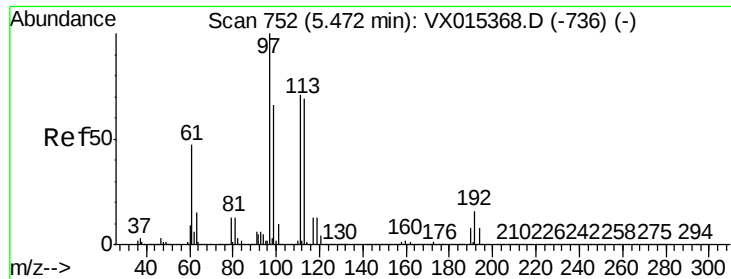
200000

0

Time-->



Time-->



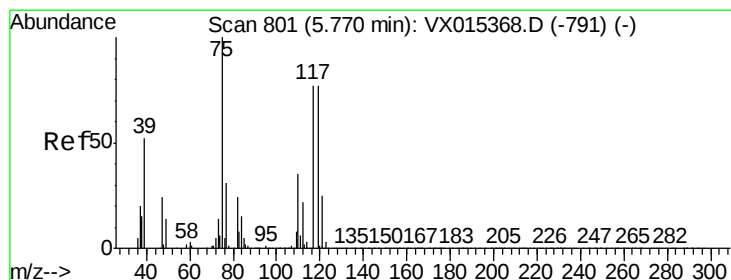
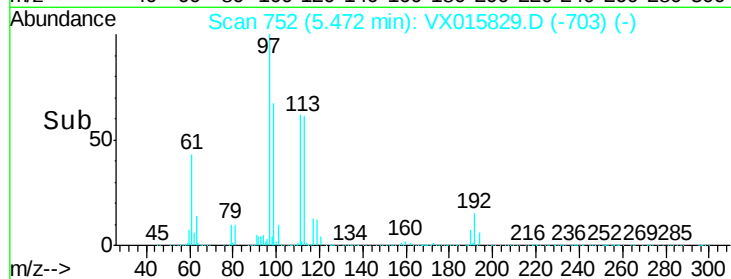
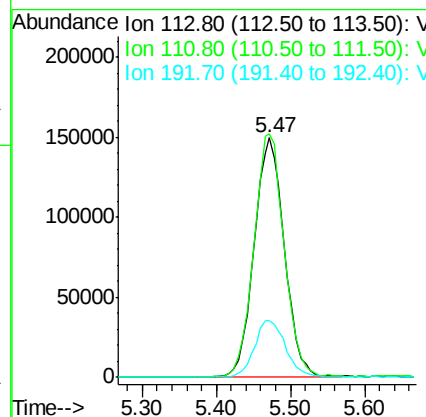
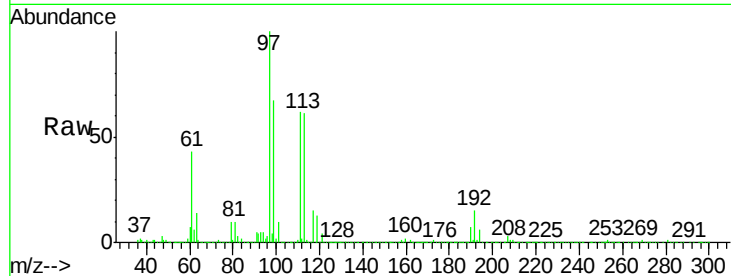
#35
 Dibromofluoromethane
 Concen: 51.555 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.5	122.3
192	24.6	17.8	26.6

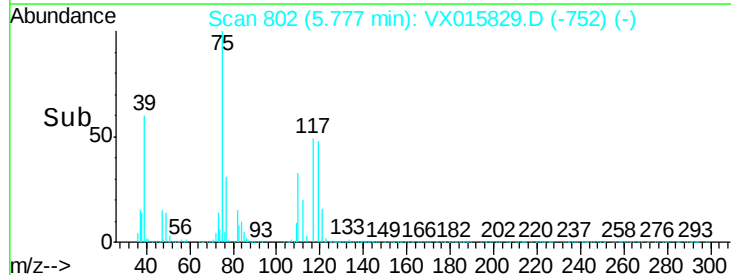
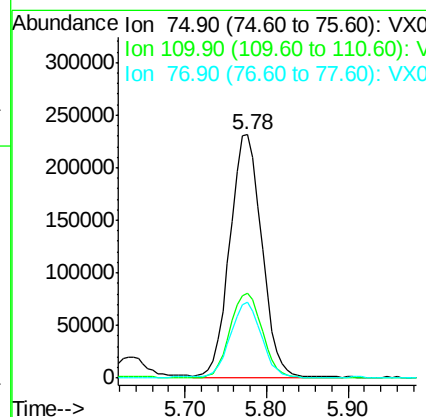
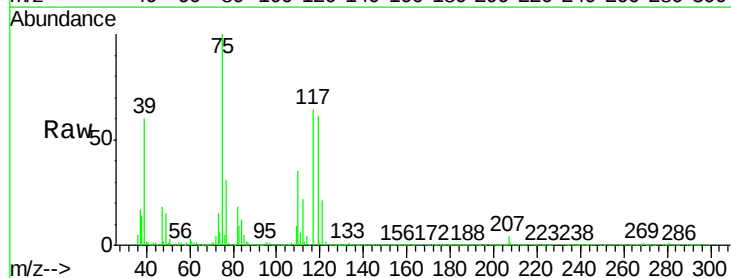
Manual Integrations
 APPROVED

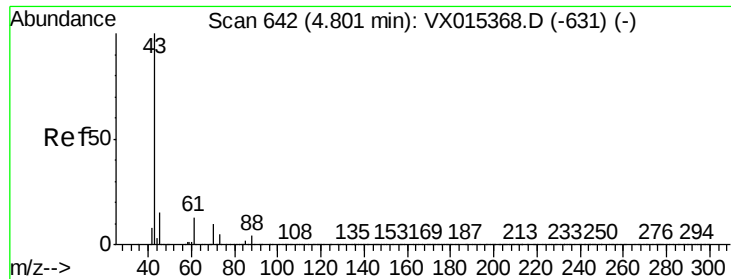
MMDadoda
 4/22/2020 10:00:32 AM



#36
 1,1-Dichloropropene
 Concen: 52.348 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.1	51.3
77	30.3	24.6	36.8





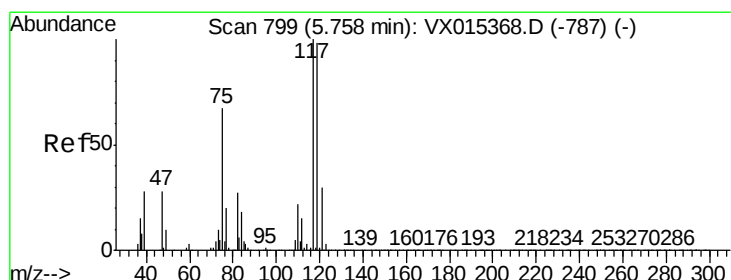
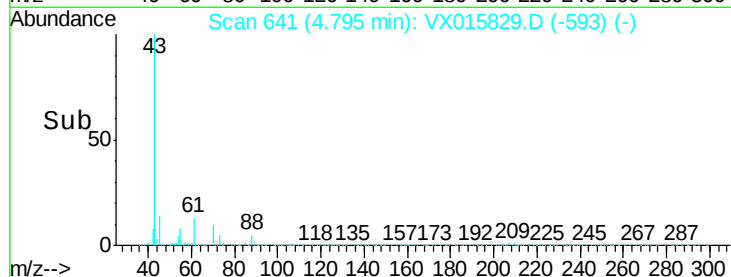
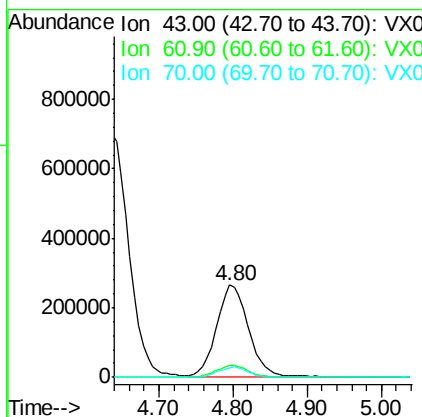
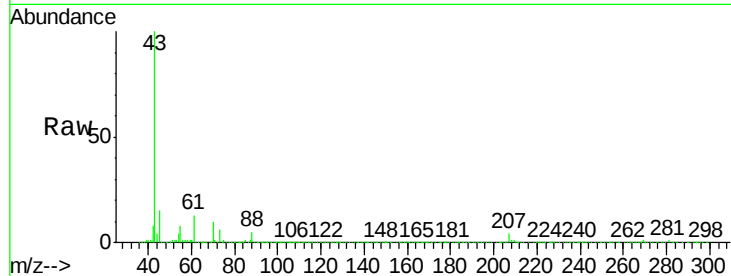
#37
Ethyl Acetate
Concen: 50.481 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	780947
Ion Ratio	100	Lower	Upper
43	100		
61	13.1	9.9	14.9
70	10.4	8.1	12.1

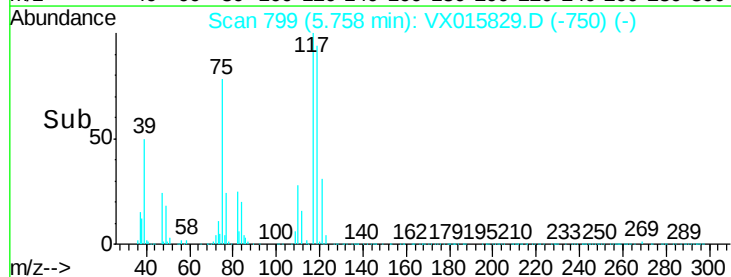
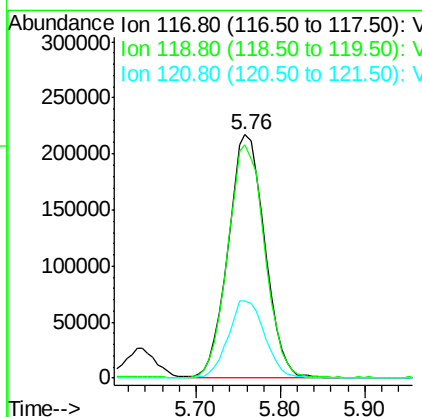
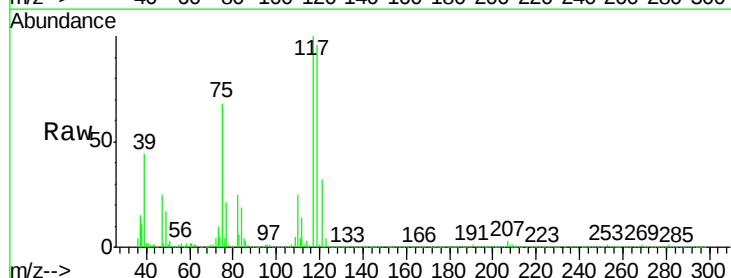
Manual Integrations
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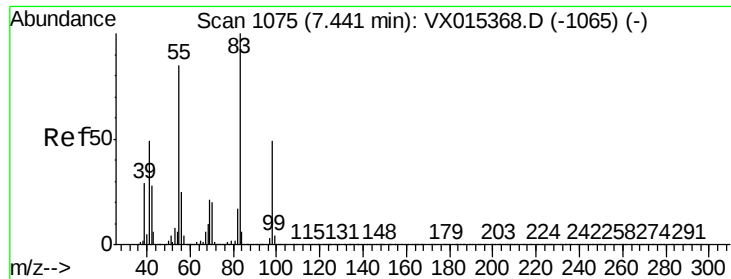
MMDadoda
4/22/2020 10:00:32 AM



#38
Carbon Tetrachloride
Concen: 49.303 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	117	Resp	634451
Ion Ratio	100	Lower	Upper
117	100		
119	95.6	78.0	117.0
121	31.8	23.8	35.8





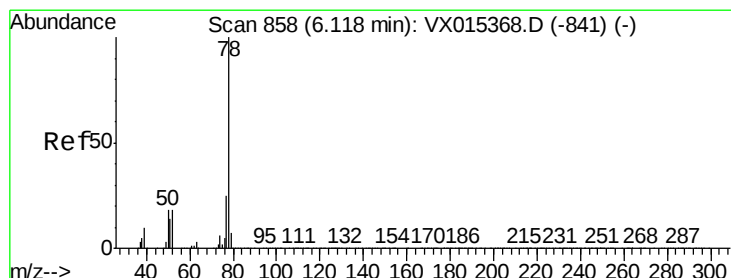
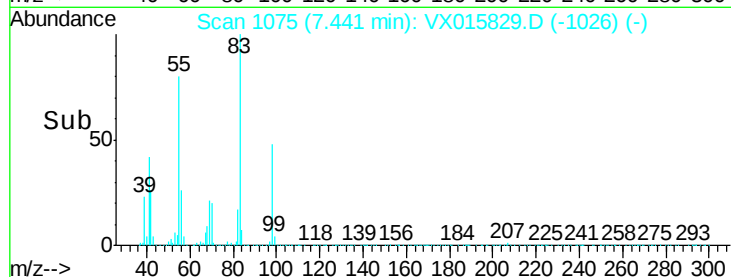
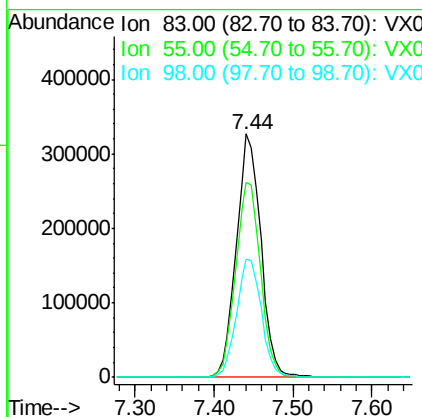
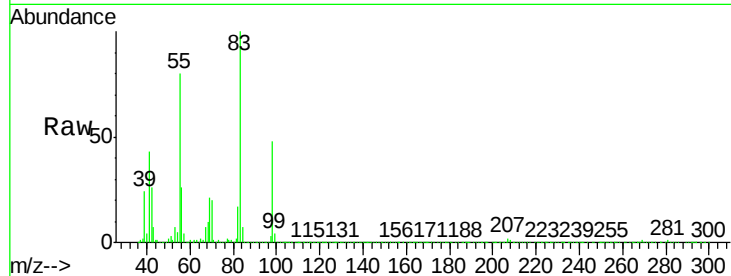
#39
Methvlcvclohexane
Concen: 51.584 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	67.8	101.6
98	48.3	39.3	58.9

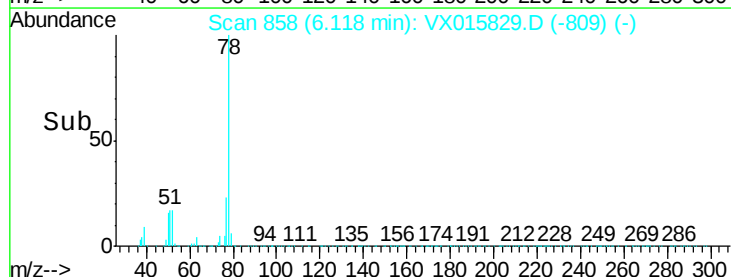
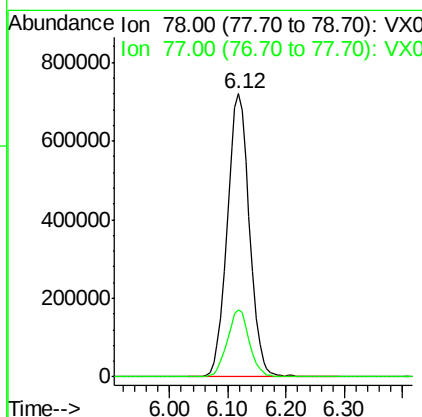
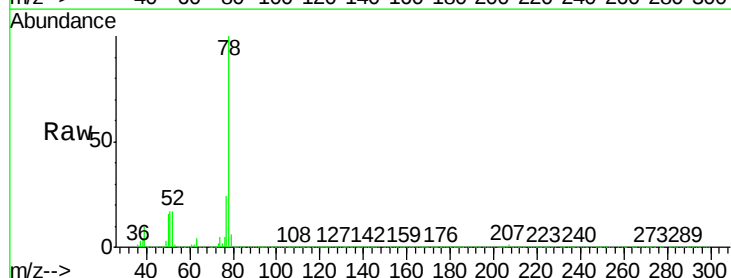
Manual Integrations
APPROVED

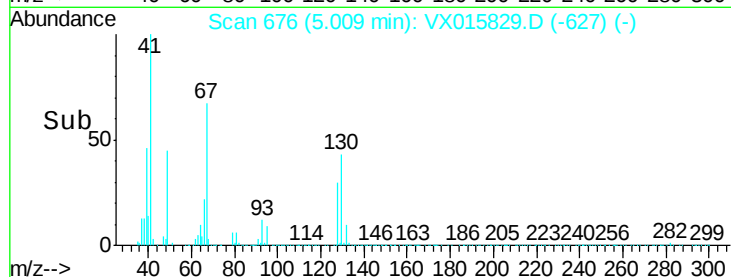
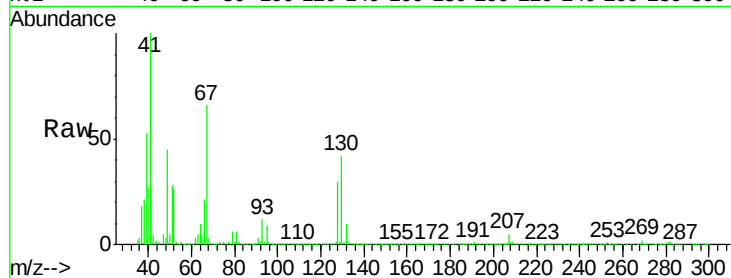
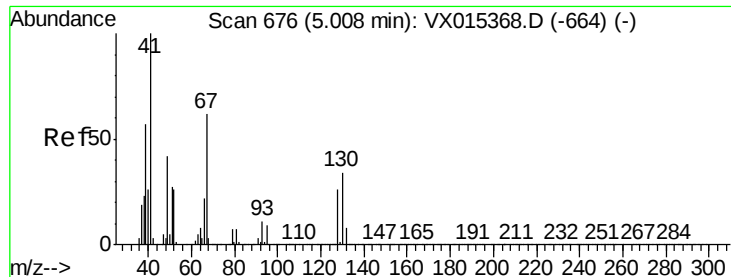
MMDadoda
4/22/2020 10:00:32 AM



#40
Benzene
Concen: 54.716 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

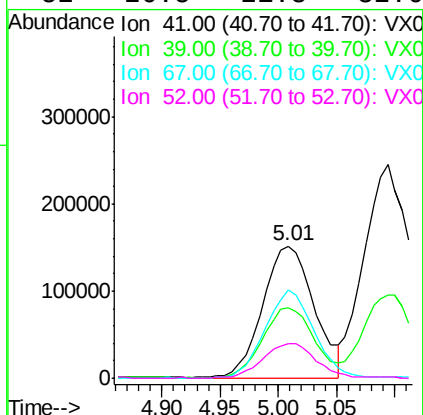
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.8	29.8





#41
Methacrylonitrile
Concen: 53.692 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

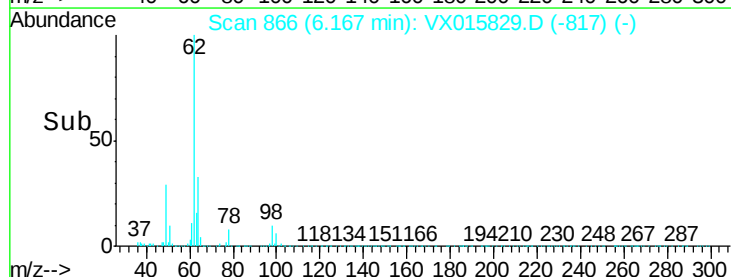
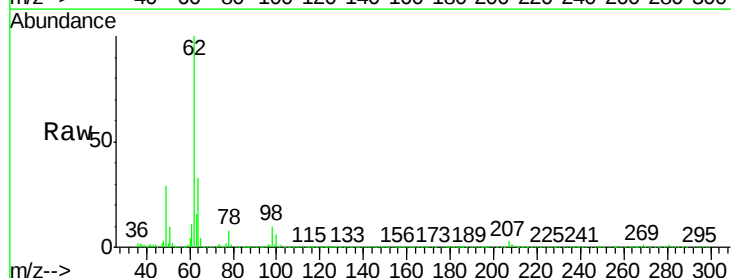
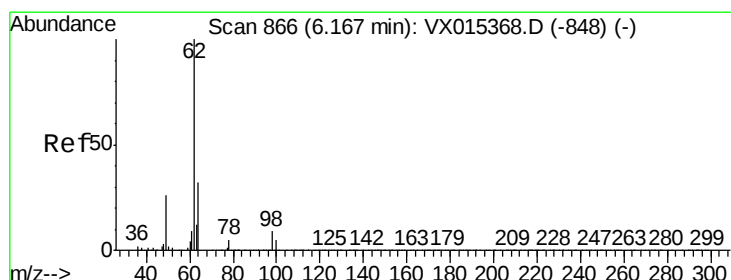
Tot Ion	Ratio	Lower	Upper
41	100		
39	53.5	44.5	66.7
67	63.5	48.9	73.3
52	26.5	21.8	32.6



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

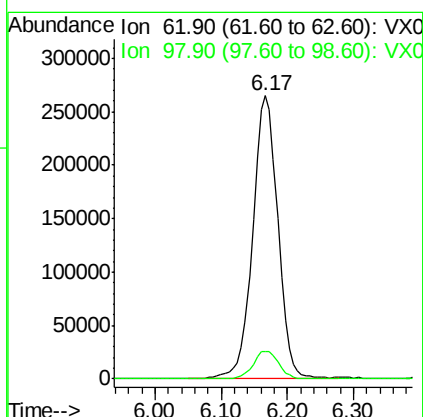
Manual Integrations
APPROVED

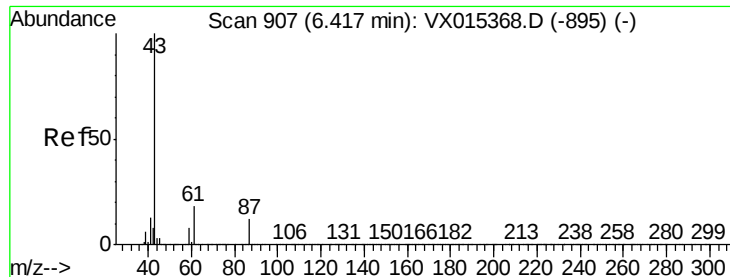
MMDadoda
4/22/2020 10:00:32 AM



#42
1,2-Dichloroethane
Concen: 50.365 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.6





#43

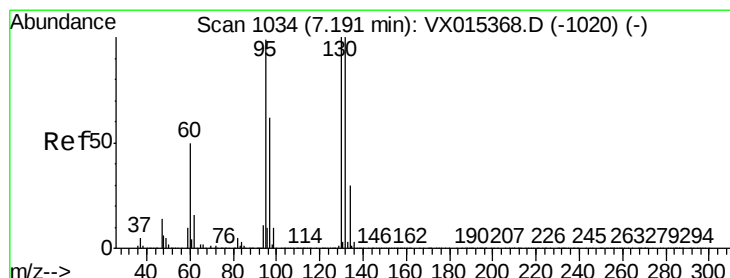
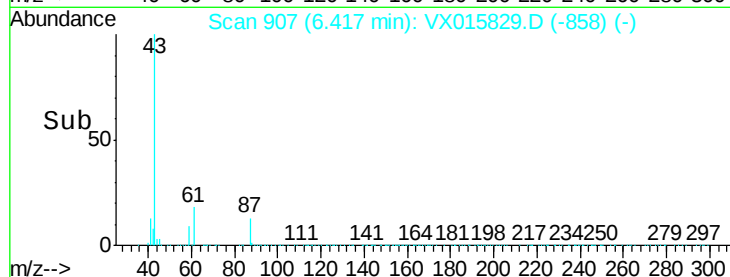
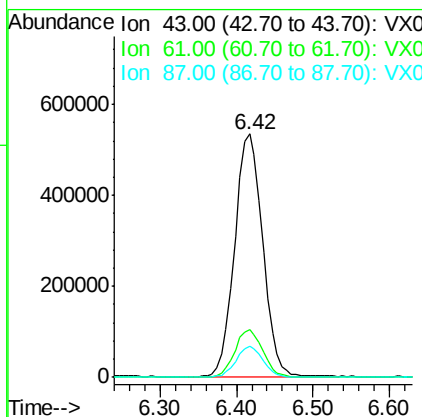
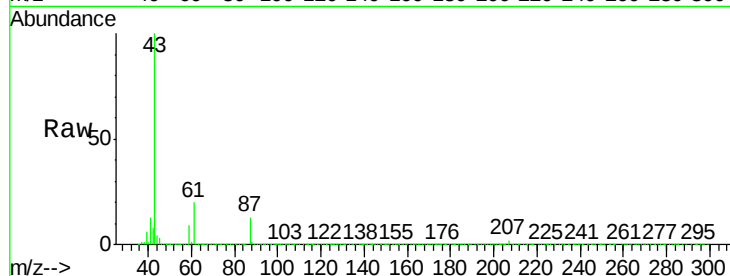
Isopropyl Acetate
 Concen: 51.906 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.8	22.2
87	12.7	9.4	14.0

Manual Integrations
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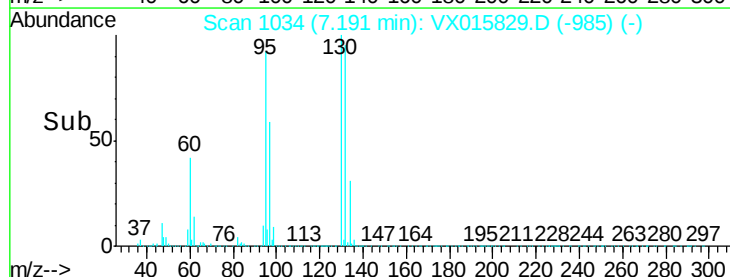
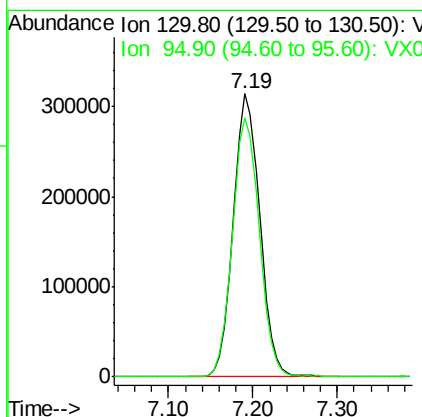
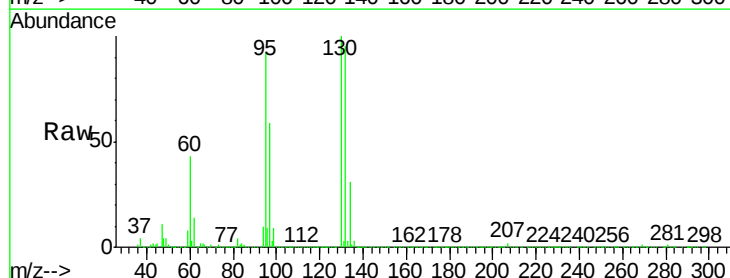
MMDadoda
 4/22/2020 10:00:32 AM

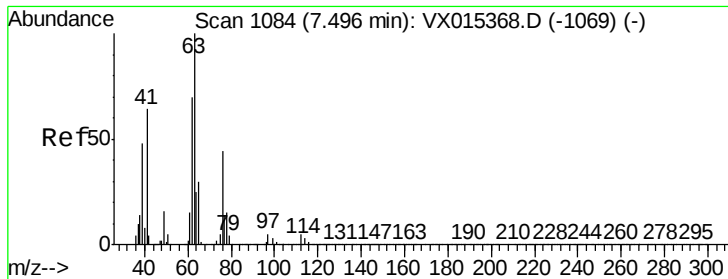


#44

Trichloroethene
 Concen: 70.741 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	199.0





#45

1,2-Dichloropropane

Concen: 54.601 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 519837

Ion Ratio Lower Upper

63 100

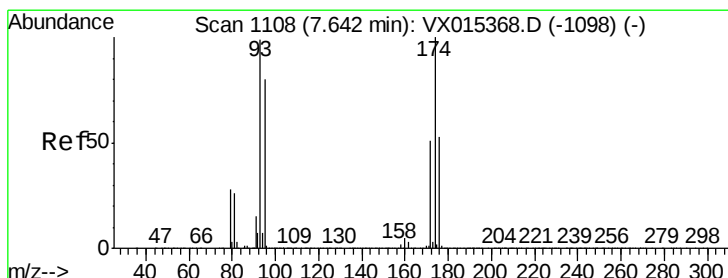
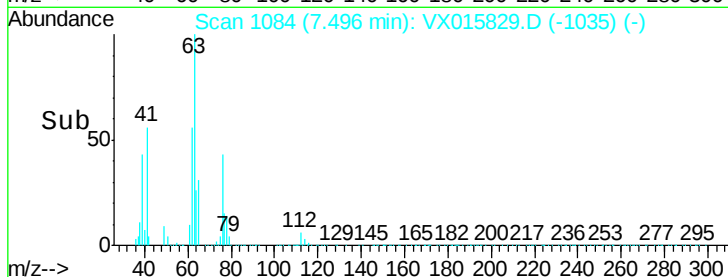
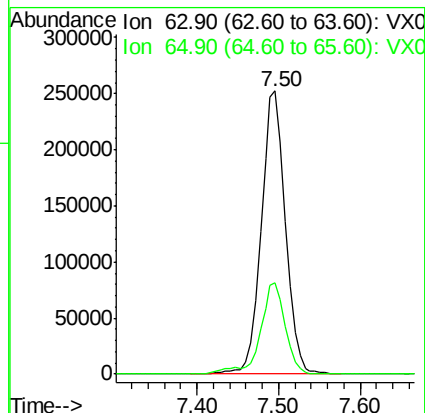
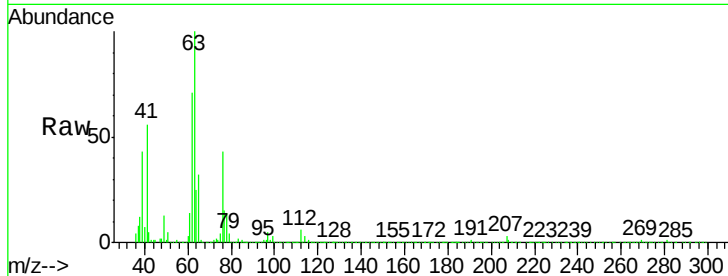
65 32.2 23.9 35.9

Manual Integrations

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4/22/2020 10:00:32 AM



#46

Dibromomethane

Concen: 56.777 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

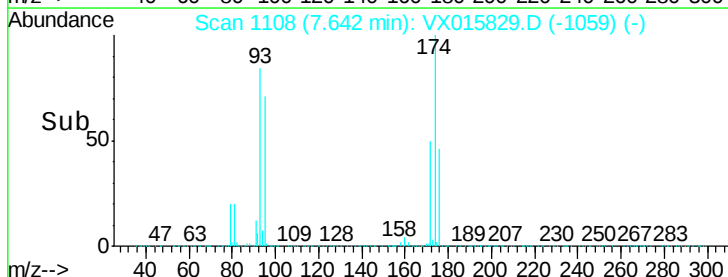
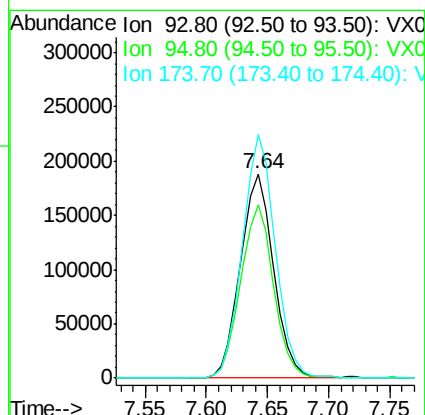
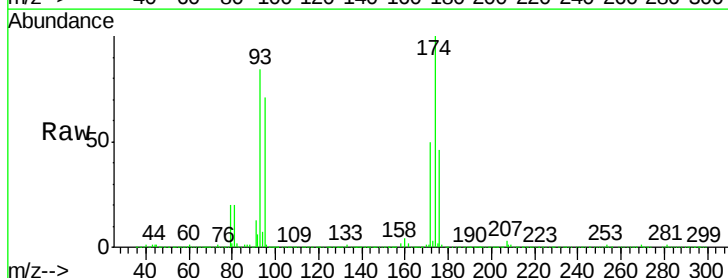
Tgt Ion: 93 Resp: 354591

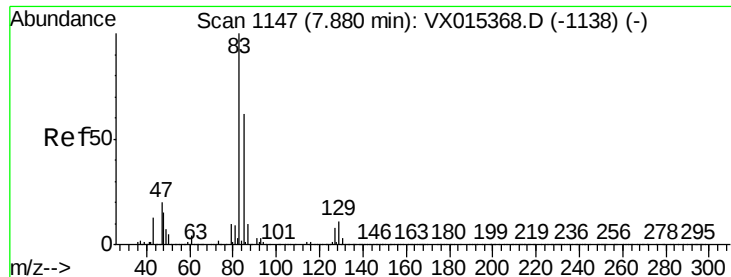
Ion Ratio Lower Upper

93 100

95 84.1 65.8 98.8

174 118.4 86.2 129.2





#47

Bromodichloromethane

Concen: 52.452 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

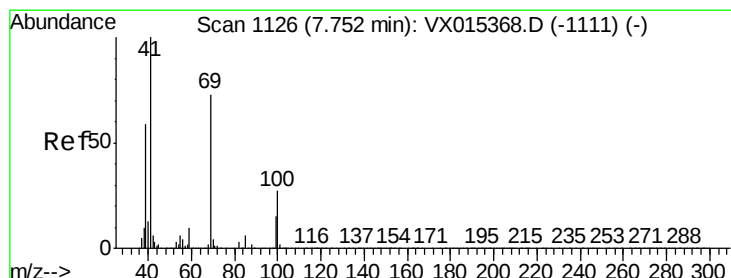
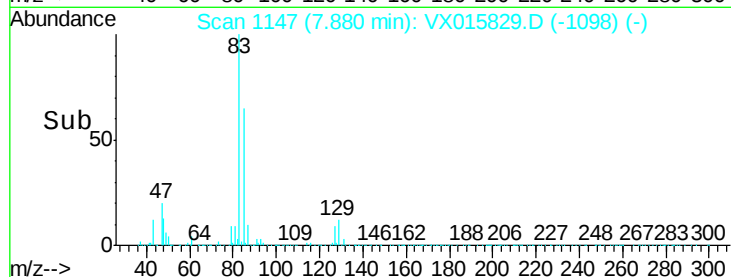
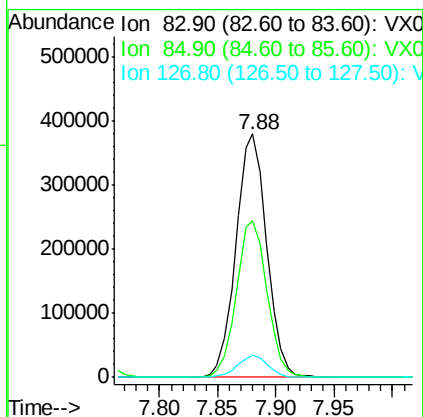
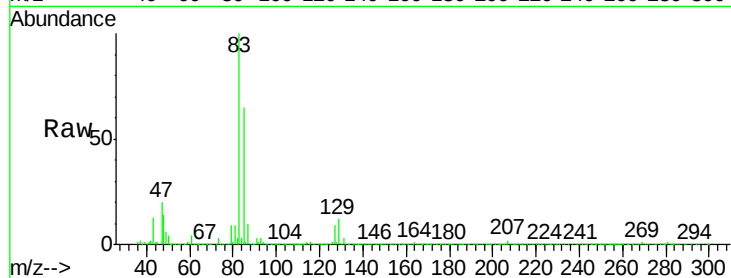
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	698017
Ion Ratio		Lower	Upper
83	100		
85	64.5	49.7	74.5
127	8.9	6.7	10.1

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#48

Methyl methacrylate

Concen: 50.691 ug/l

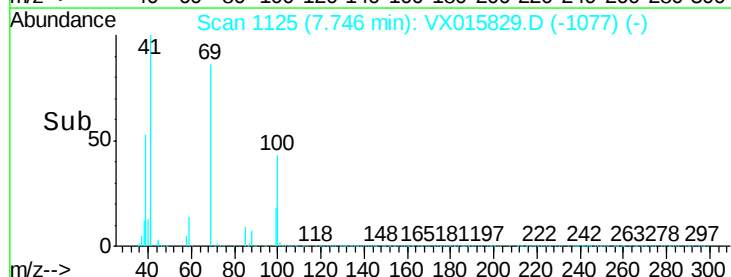
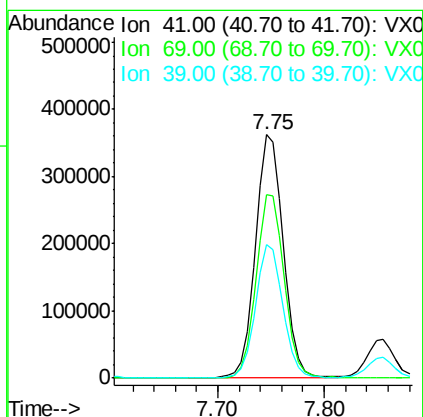
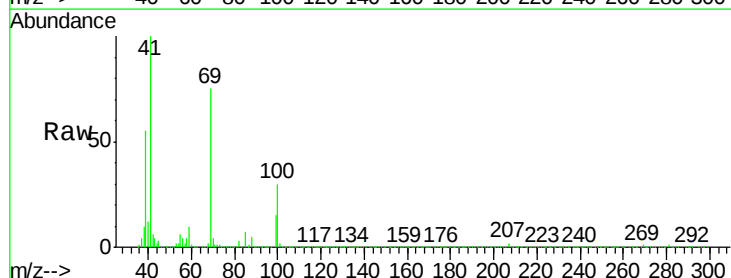
RT: 7.75 min Scan# 1125

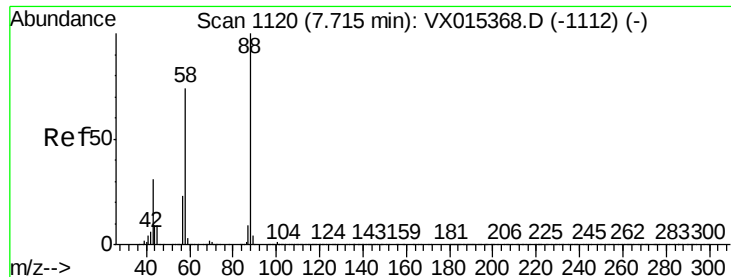
Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion:	41	Resp:	661222
Ion Ratio		Lower	Upper
41	100		
69	76.6	56.7	85.1
39	54.8	46.5	69.7





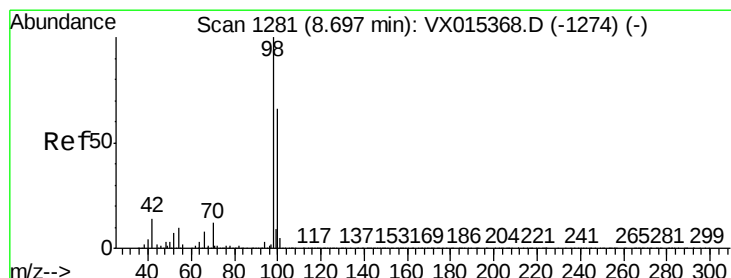
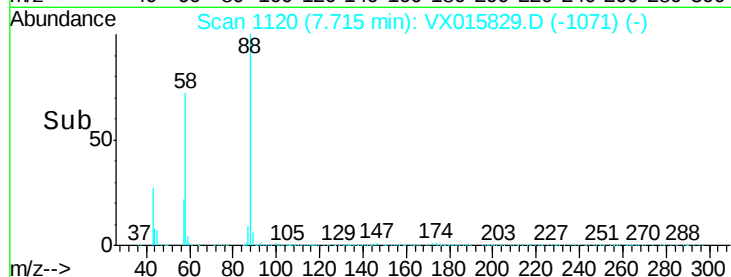
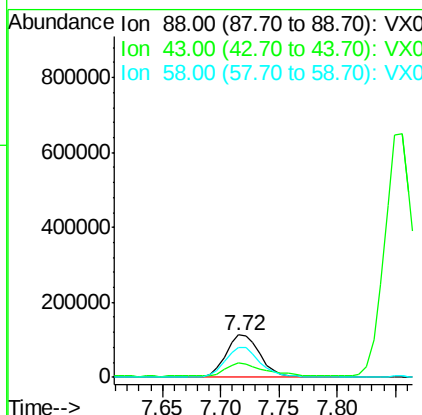
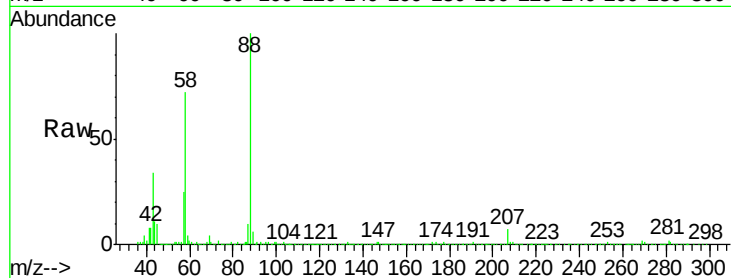
#49
1,4-Dioxane
Concen: 945.073 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.5	30.1	45.1
58	72.8	60.6	90.8

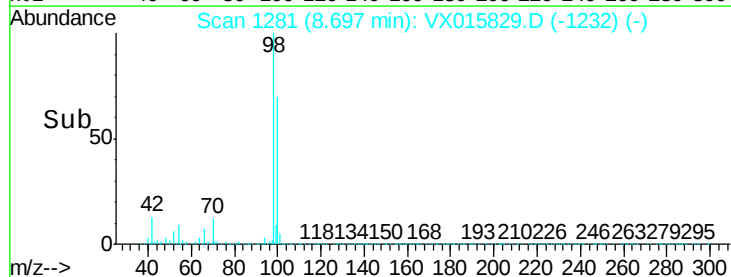
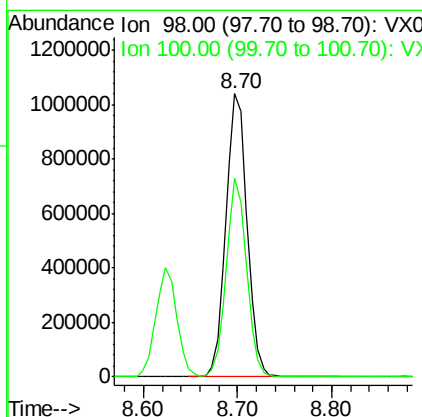
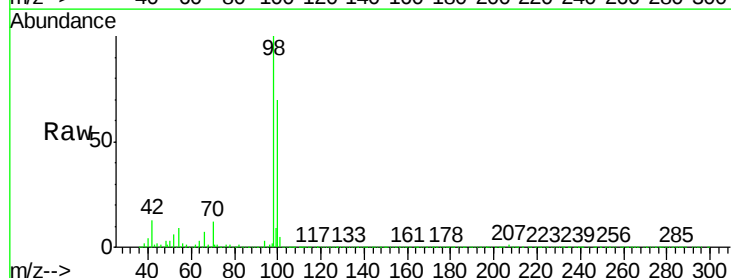
Manual Integrations
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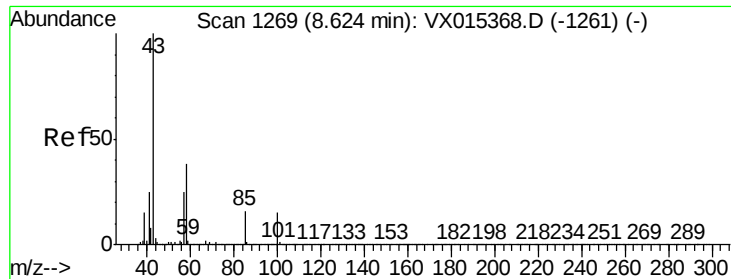
MMDadoda
4/22/2020 10:00:32 AM



#50
Toluene-d8
Concen: 53.494 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.5	80.3





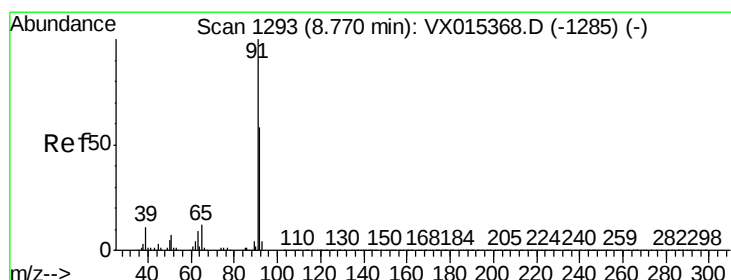
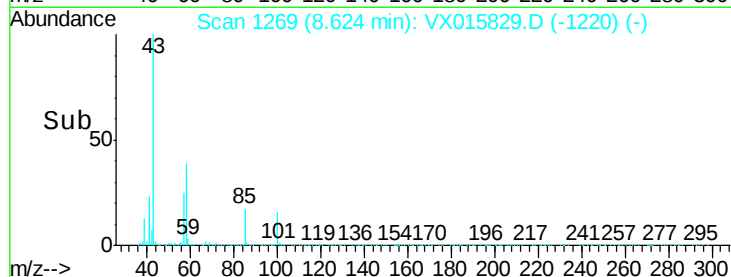
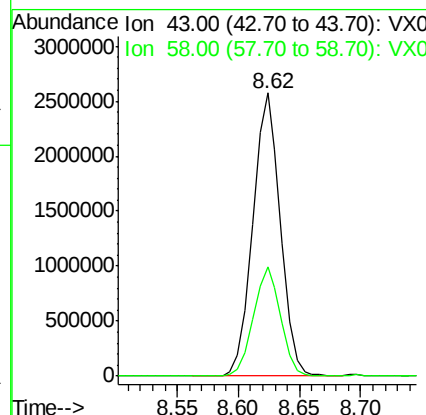
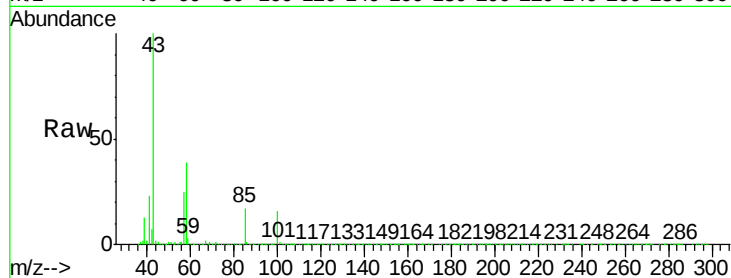
#51
4-Methyl-2-Pentanone
Concen: 270.575 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 4004484
Ion Ratio Lower Upper
43 100
58 38.3 29.7 44.5

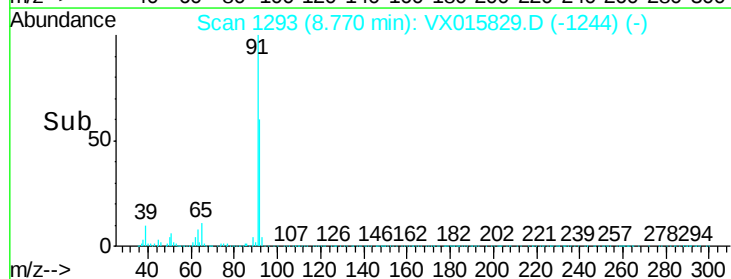
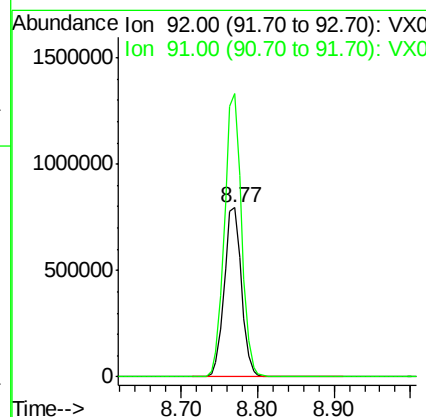
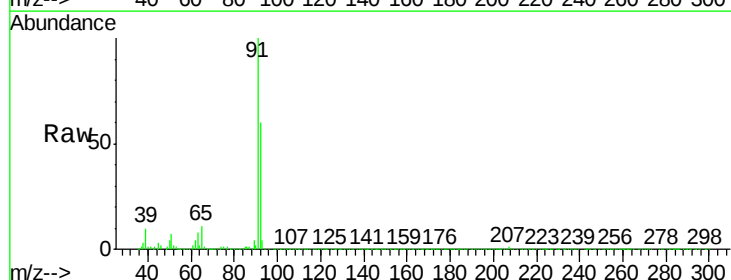
Manual Integrations
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4/22/2020 10:00:32 AM



#52
Toluene
Concen: 57.667 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 92 Resp: 1237359
Ion Ratio Lower Upper
92 100
91 165.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 51.121 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tot Ion: 75 Resp: 797863

Ion Ratio Lower Upper

75 100

77 31.8 24.1 36.1

Instrument :

MSVOA_X

ClientSampleId :

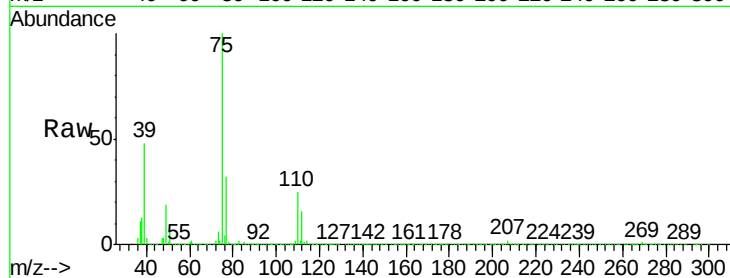
VSTDCCC050EC

Manual Integrations

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MMDadoda

4/22/2020 10:00:32 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

600000

500000

400000

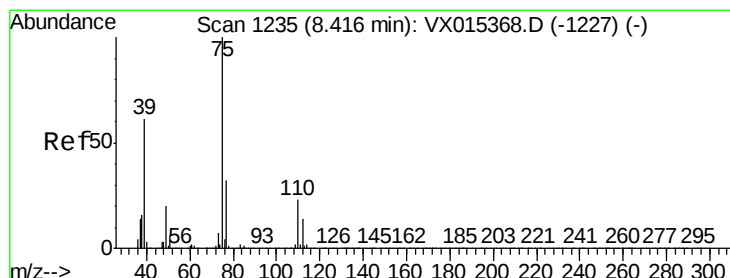
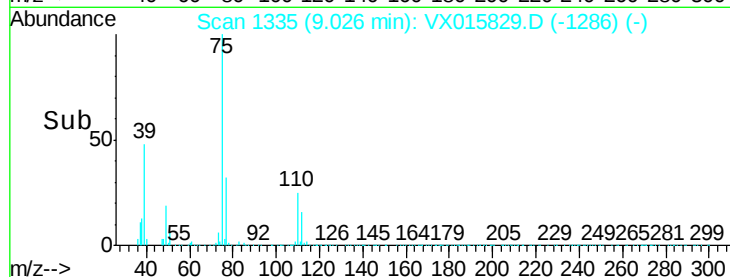
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 52.836 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

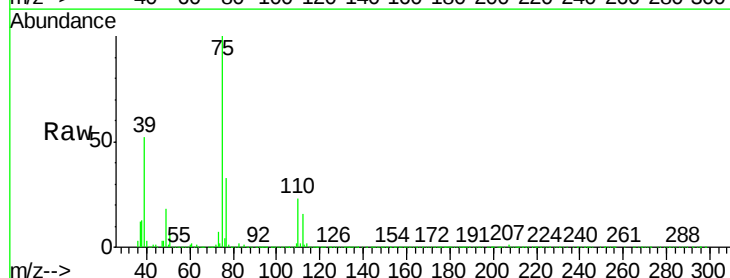
Tgt Ion: 75 Resp: 840028

Ion Ratio Lower Upper

75 100

77 32.7 25.8 38.6

39 52.4 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

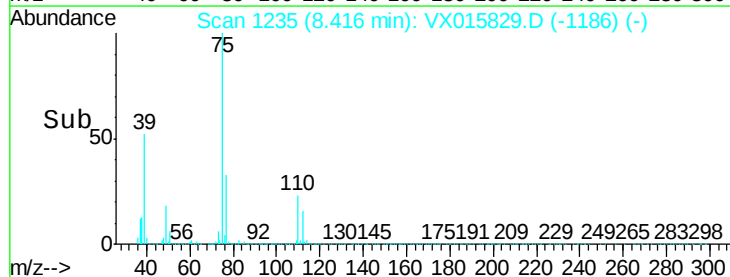
600000

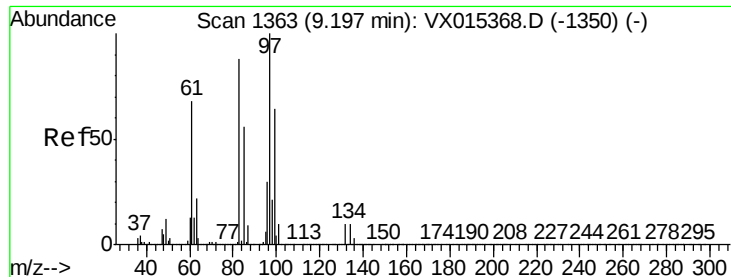
400000

200000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 58.007 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

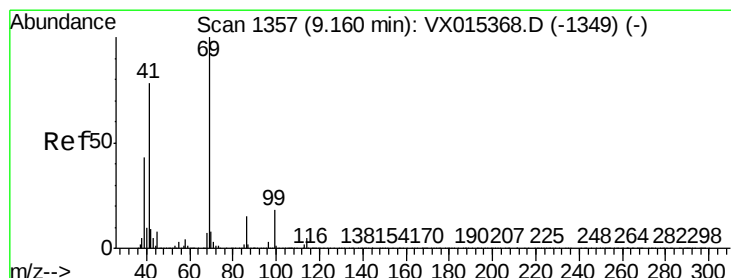
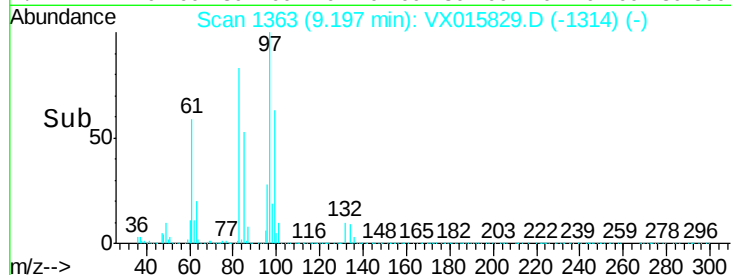
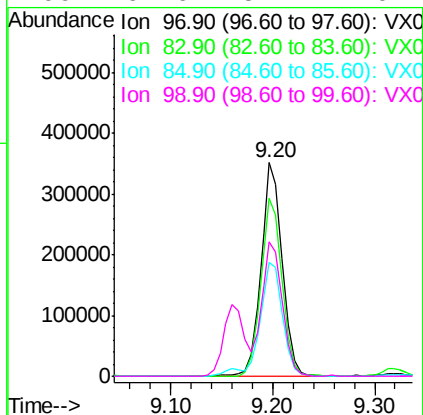
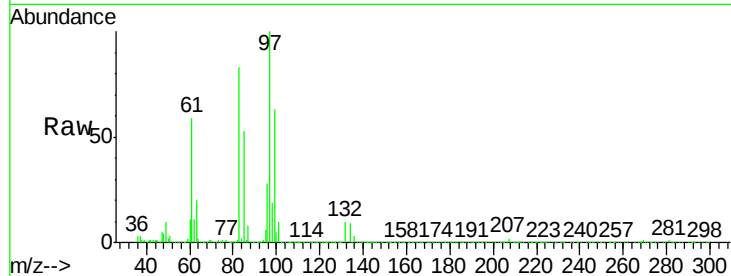
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	509943
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.2	105.4
85	53.1	44.7	67.1
99	62.6	51.1	76.7

Manual Integrations
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4/22/2020 10:00:32 AM



#56

Ethyl methacrylate

Concen: 56.329 ug/l

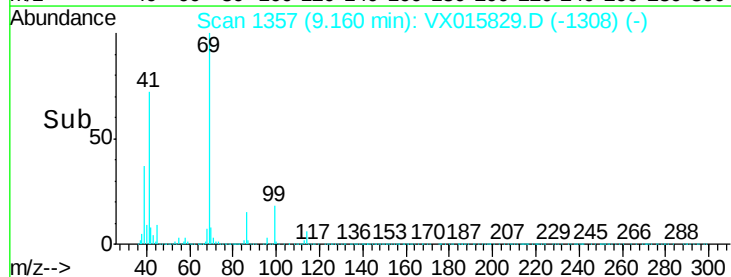
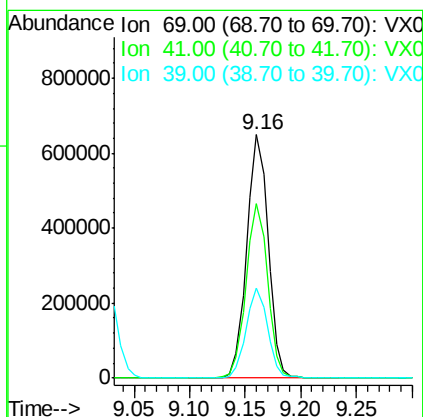
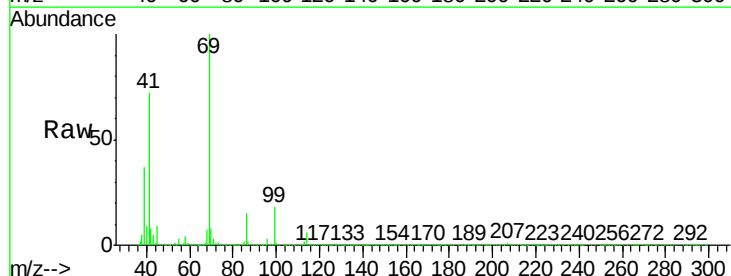
RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion:	69	Resp:	872710
Ion	Ratio	Lower	Upper
69	100		
41	71.8	61.6	92.4
39	37.1	34.0	51.0





#57

1,3-Dichloropropane

Concen: 54.801 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 867972

Ion Ratio Lower Upper

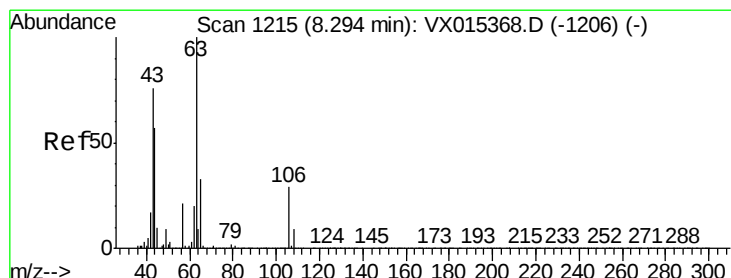
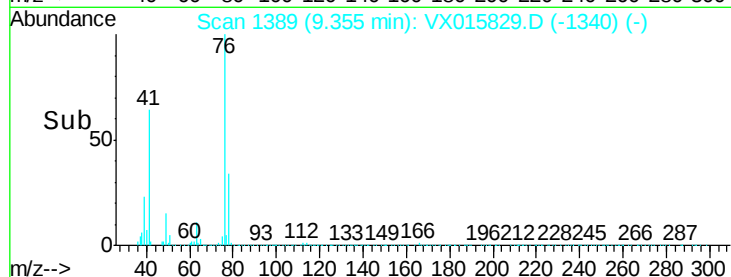
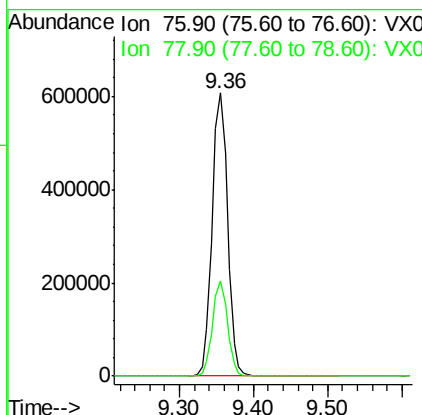
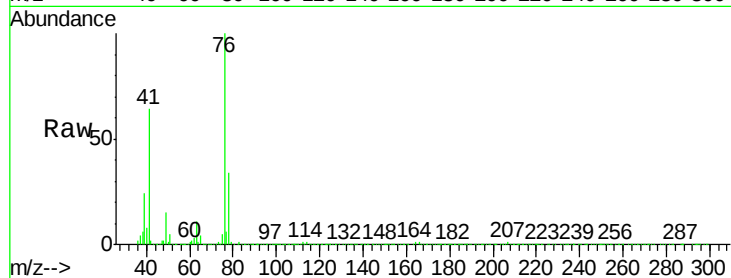
76 100

78 32.4 25.8 38.8

Manual Integrations
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4/22/2020 10:00:32 AM



#58

2-Chloroethyl Vinyl ether

Concen: 244.779 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015829.D

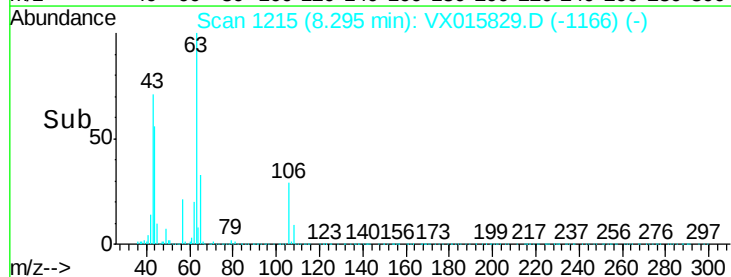
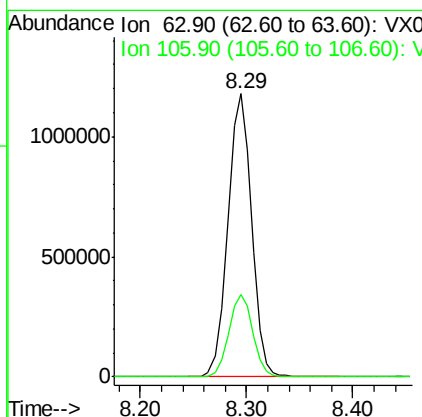
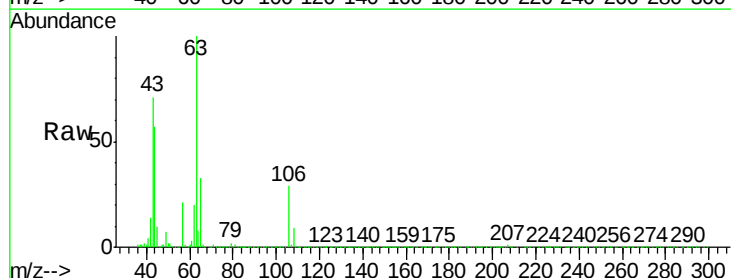
Acq: 22 Apr 2020 05:29

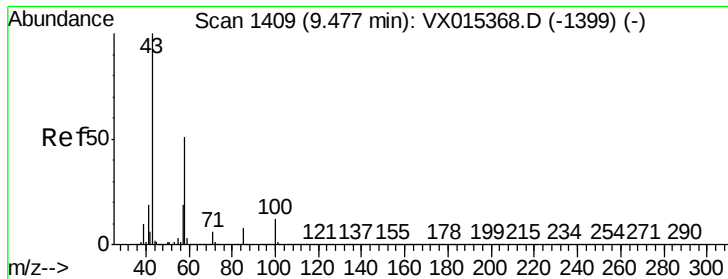
Tgt Ion: 63 Resp: 1844625

Ion Ratio Lower Upper

63 100

106 29.4 22.7 34.1





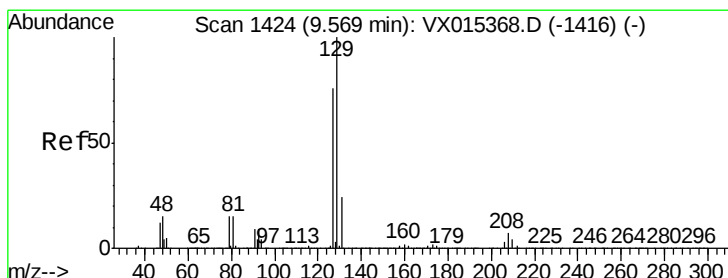
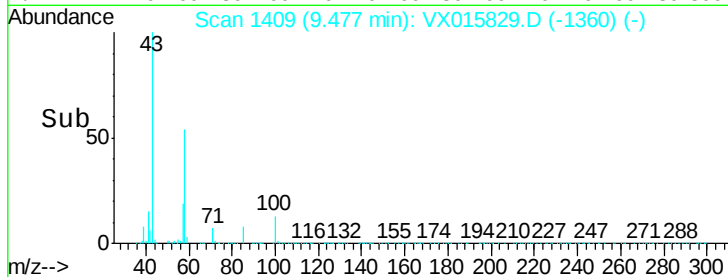
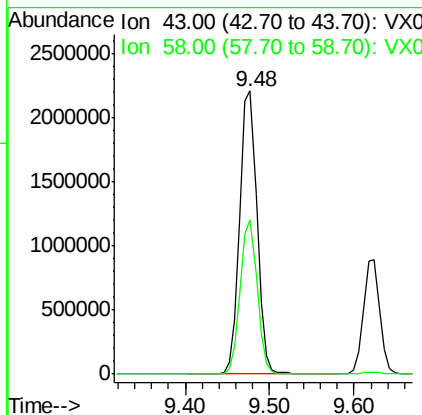
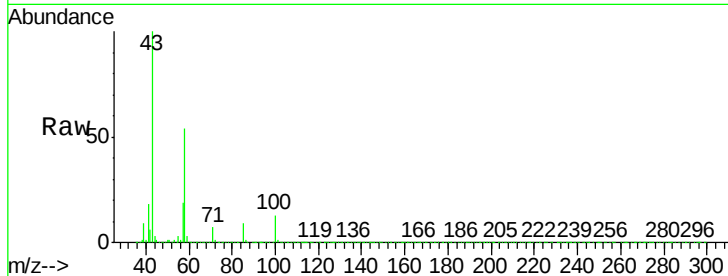
#59
2-Hexanone
Concen: 270.556 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3023098
Ion Ratio Lower Upper
43 100
58 53.2 25.6 76.6

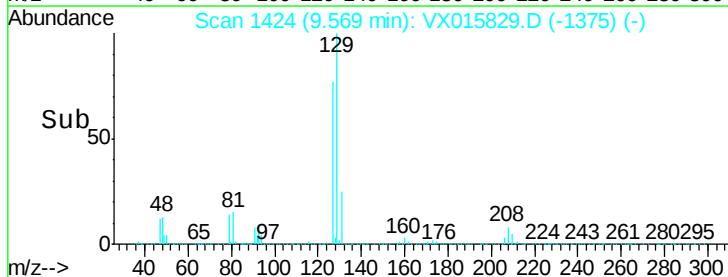
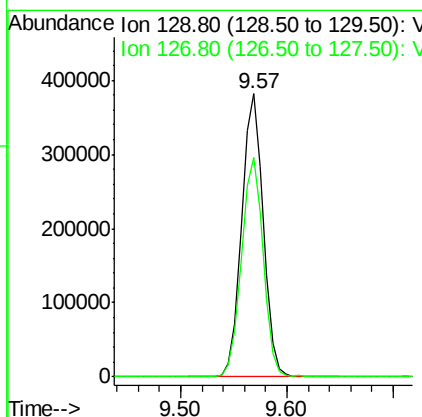
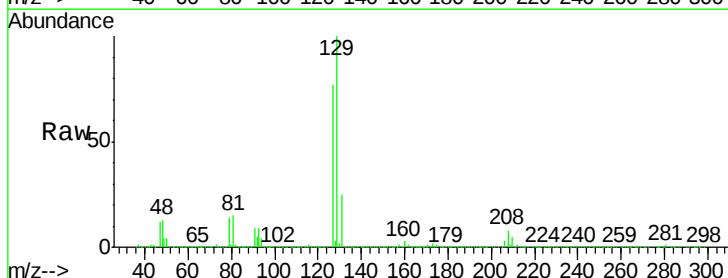
Manual Integrations
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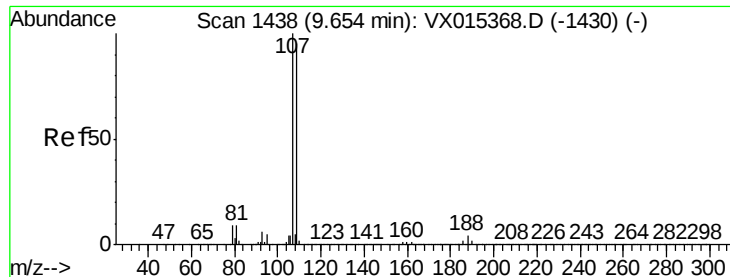
MMDadoda
4/22/2020 10:00:32 AM



#60
Dibromochloromethane
Concen: 51.528 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 129 Resp: 544316
Ion Ratio Lower Upper
129 100
127 78.0 38.2 114.6





#61

1,2-Dibromoethane

Concen: 55.584 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 531317

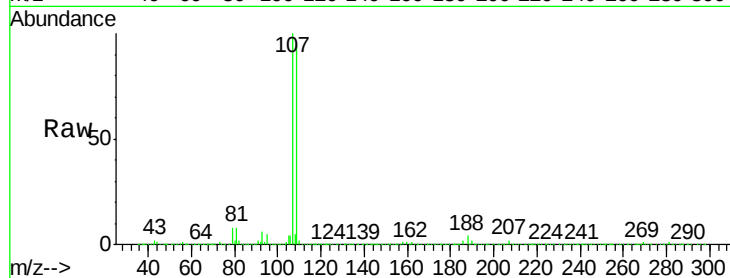
Ion Ratio Lower Upper

107 100

109 94.6 74.8 112.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

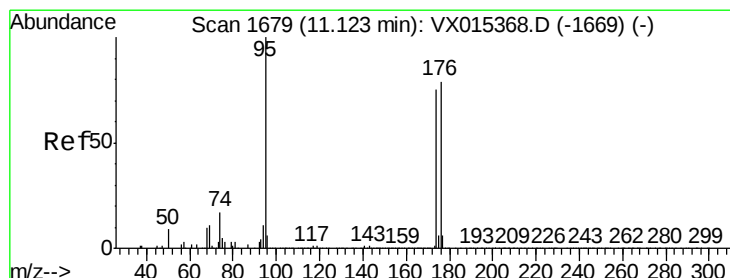
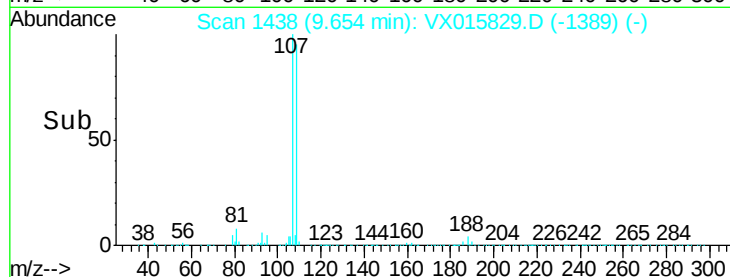
300000

200000

100000

0

Time--> 9.60 9.70



#62

4-Bromofluorobenzene

Concen: 54.829 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

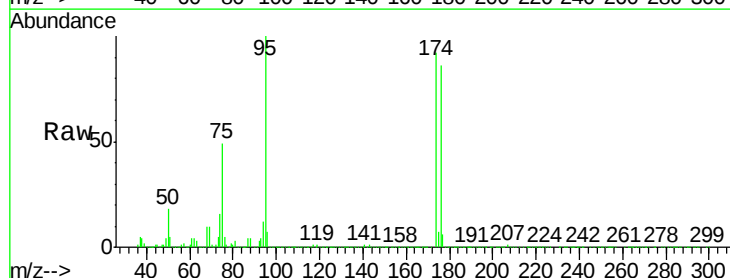
Tgt Ion: 95 Resp: 676217

Ion Ratio Lower Upper

95 100

174 88.5 0.0 158.6

176 83.7 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

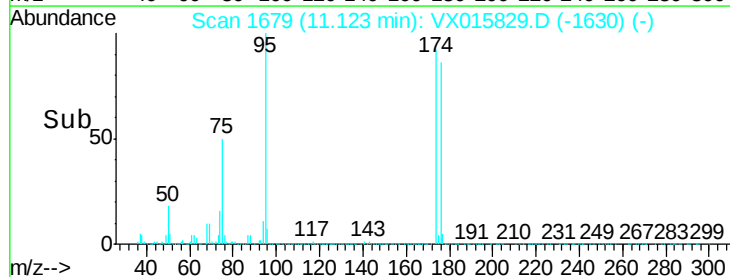
600000

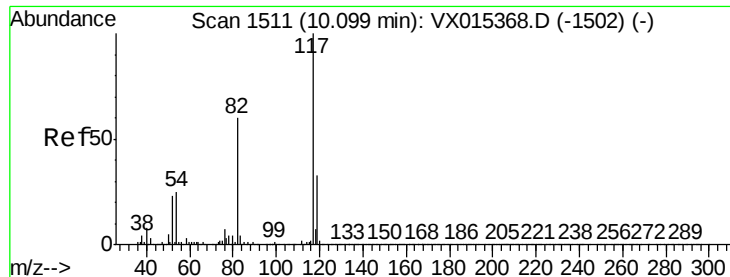
400000

200000

0

Time--> 11.10 11.20





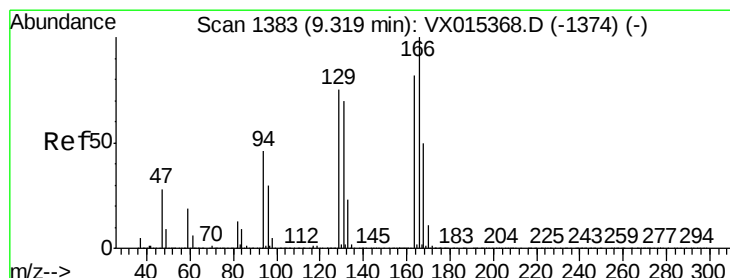
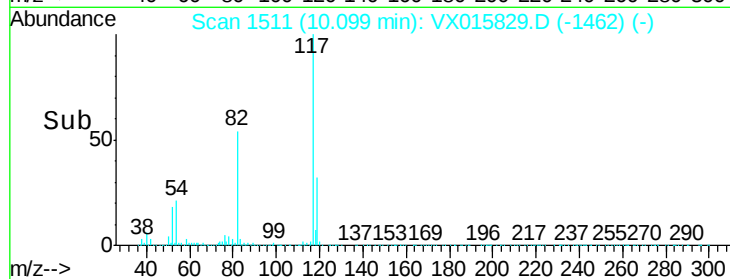
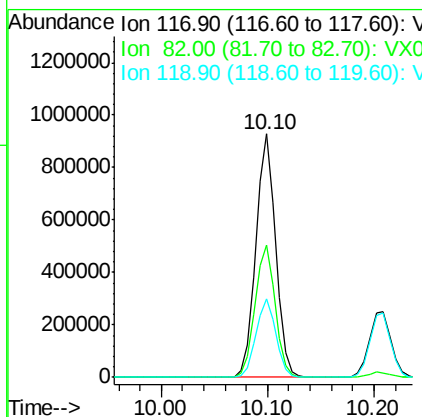
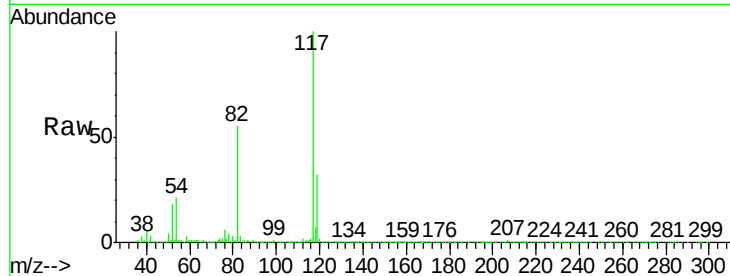
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	47.8	71.8
119	32.2	26.8	40.2

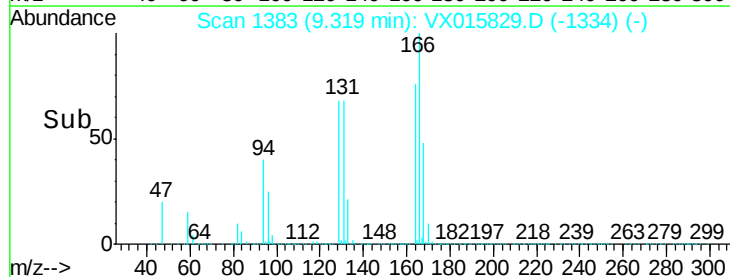
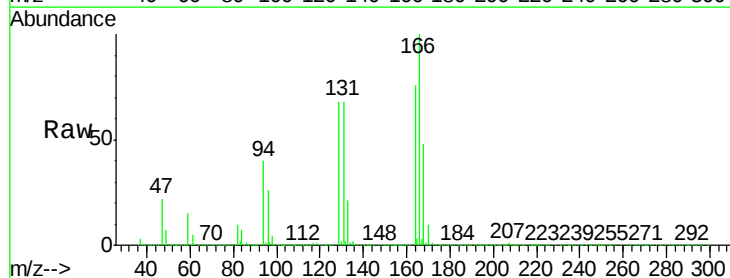
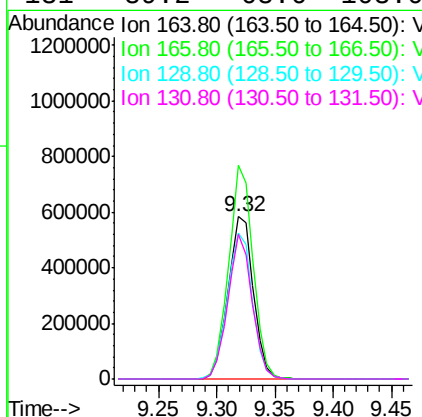
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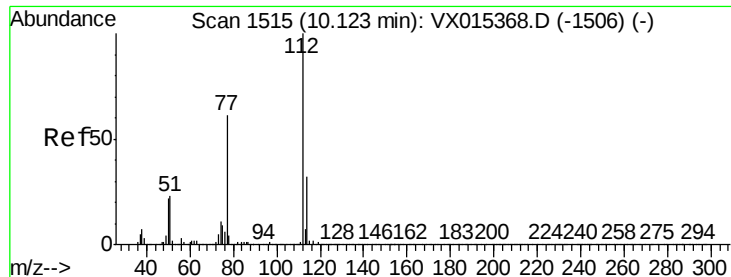
MMDadoda
4/22/2020 10:00:32 AM



#64
Tetrachloroethene
Concen: 96.212 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.9	97.8	146.6
129	90.1	73.0	109.4
131	89.2	68.6	103.0





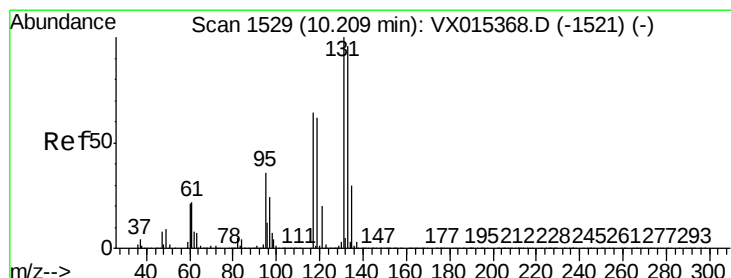
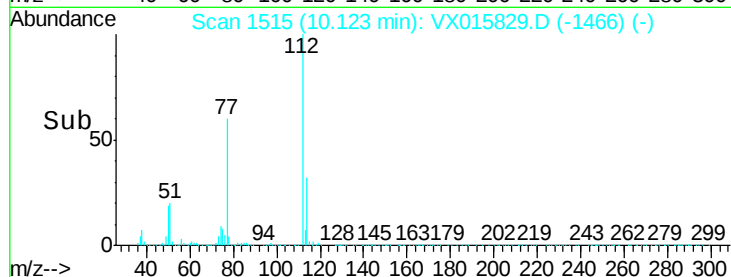
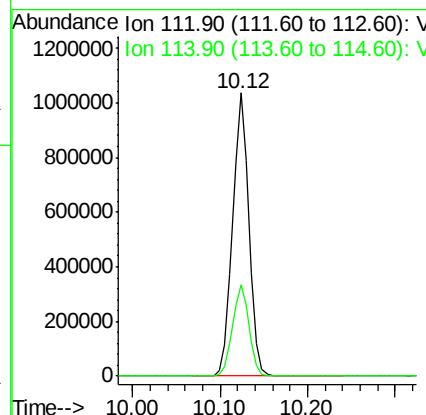
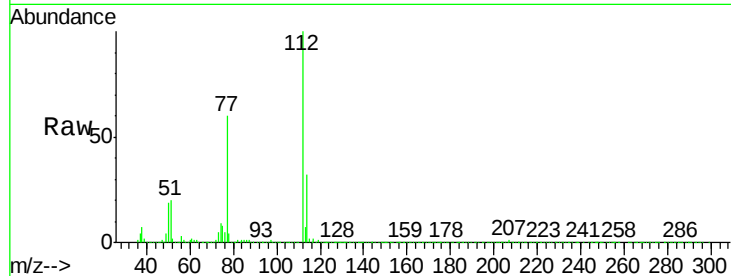
#65
Chlorobenzene
Concen: 55.524 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1340921
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3

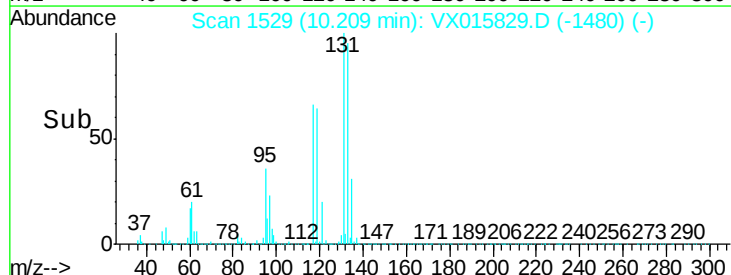
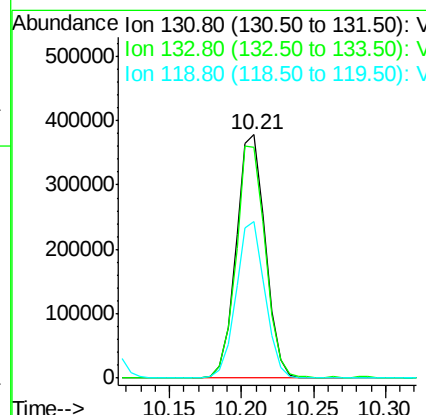
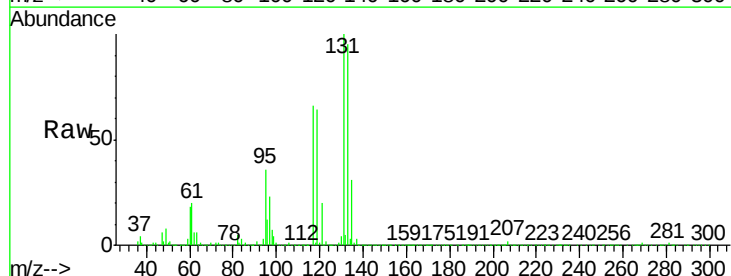
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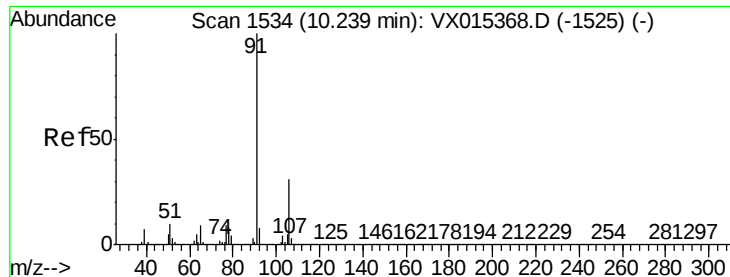
MMDadoda
4/22/2020 10:00:32 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.396 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion:131 Resp: 534465
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 63.5 31.1 93.3





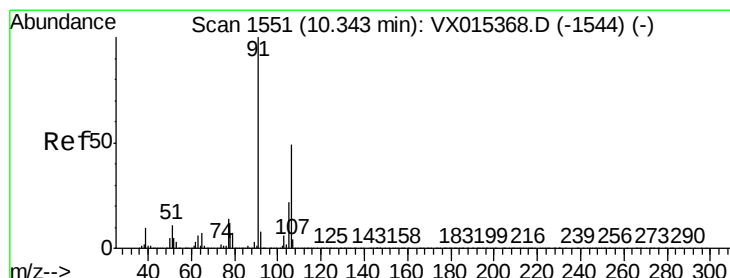
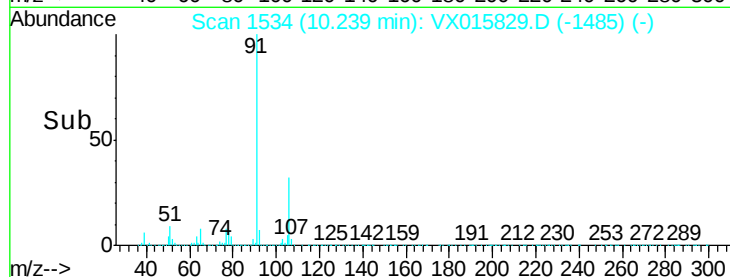
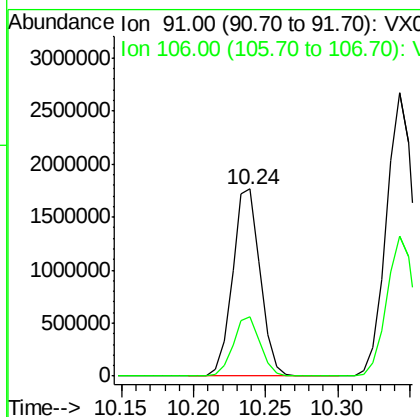
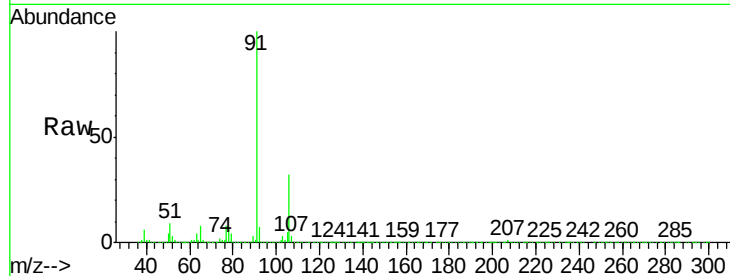
#67
Ethyl Benzene
Concen: 55.171 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2363104
Ion Ratio Lower Upper
91 100
106 32.0 24.8 37.2

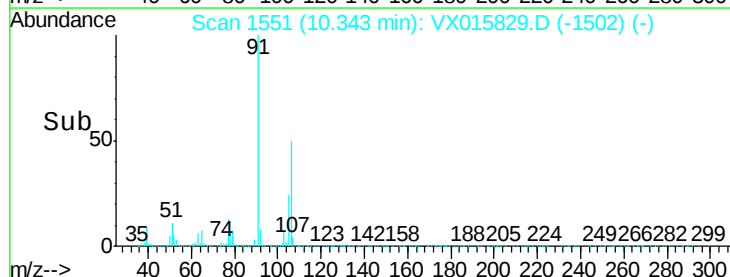
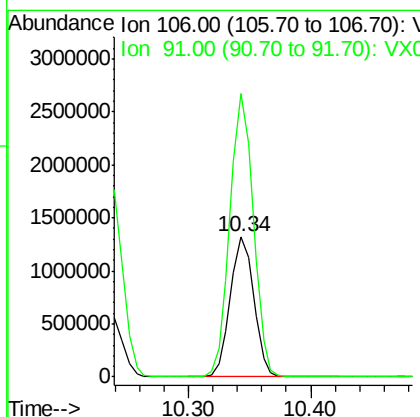
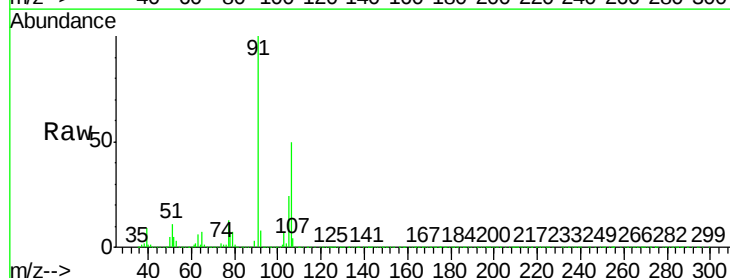
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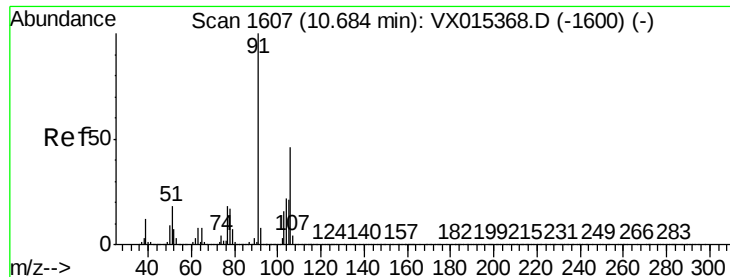
MMDadoda
4/22/2020 10:00:32 AM



#68
m/p-Xylenes
Concen: 110.229 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 106 Resp: 1758077
Ion Ratio Lower Upper
106 100
91 201.3 163.4 245.0





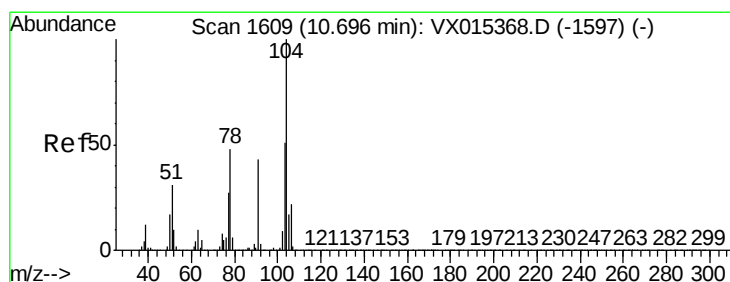
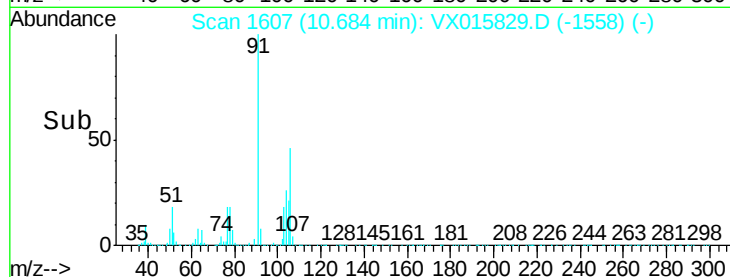
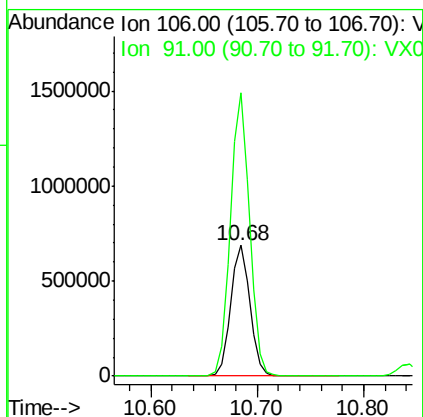
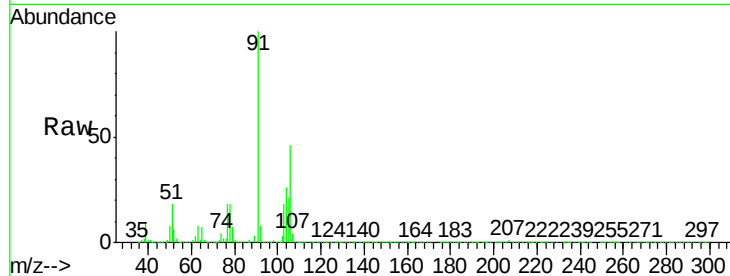
#69
o-Xylene
Concen: 55.645 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.5	107.1	321.3

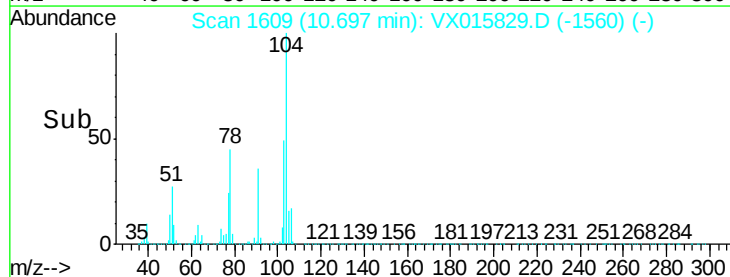
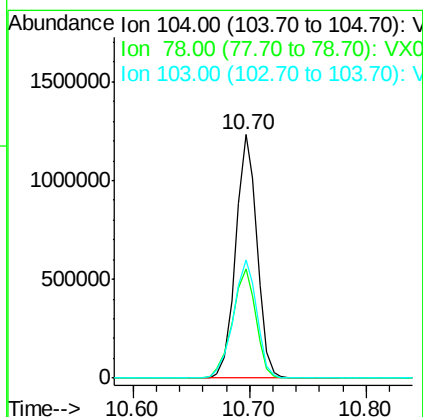
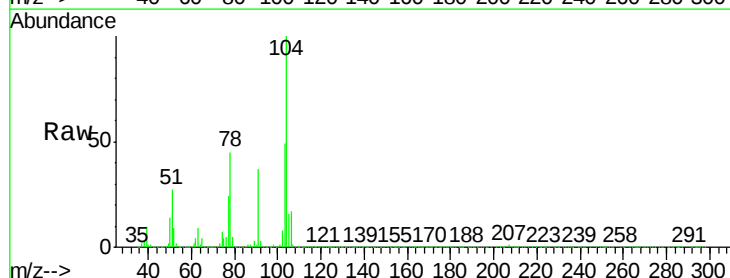
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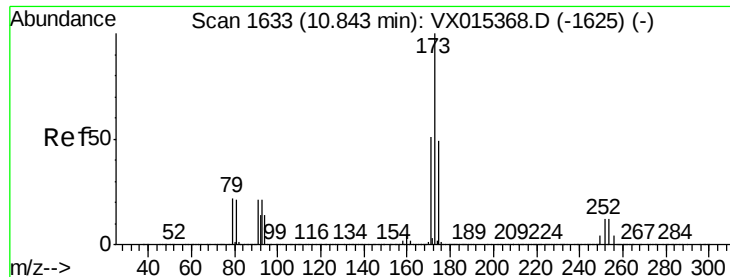
MMDadoda
4/22/2020 10:00:32 AM



#70
Styrene
Concen: 56.858 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	42.0	63.0
103	53.2	43.4	65.0





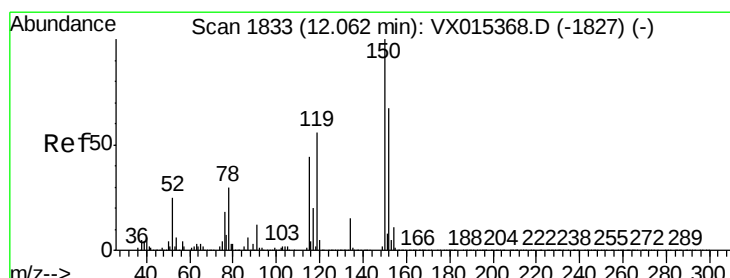
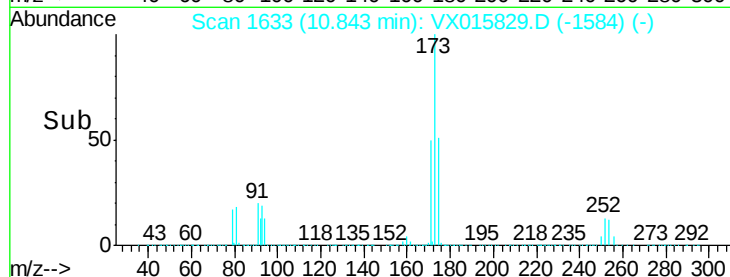
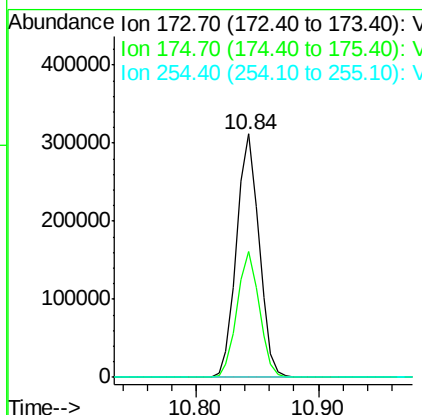
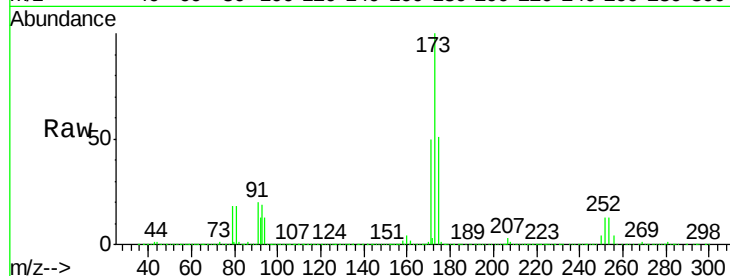
#71
Bromoform
Concen: 44.992 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	51.2	23.9	71.7
254	0.3	0.1	0.1#

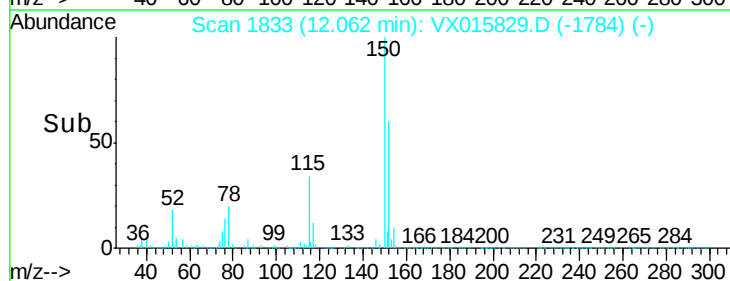
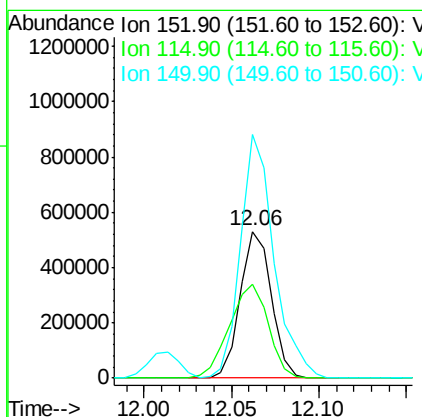
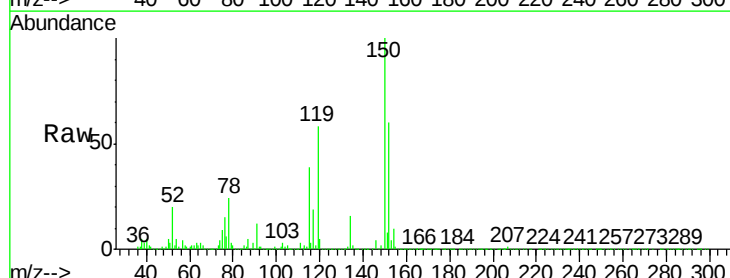
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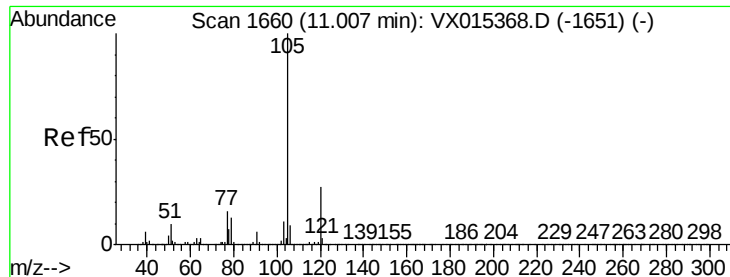
MMDadoda
4/22/2020 10:00:32 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.3	39.0	116.9
150	178.3	0.0	340.8





#73

Isopropylbenzene

Concen: 55.028 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2372443

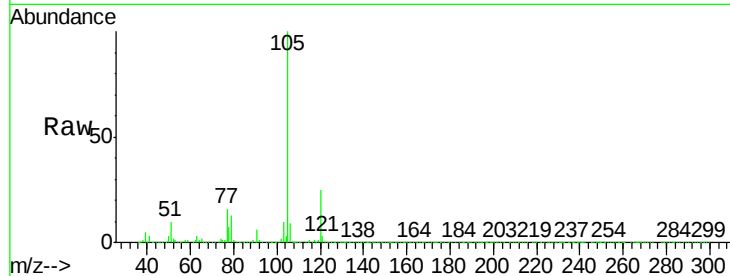
Ion Ratio Lower Upper

105 100

120 26.1 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

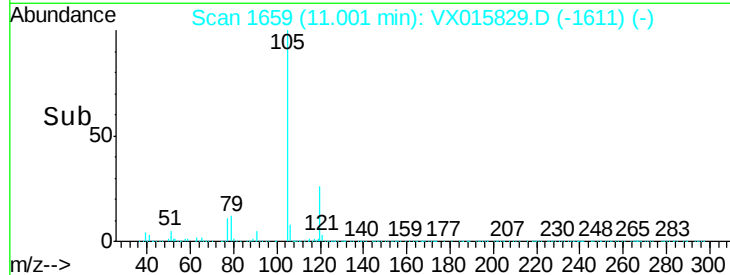
500000

0

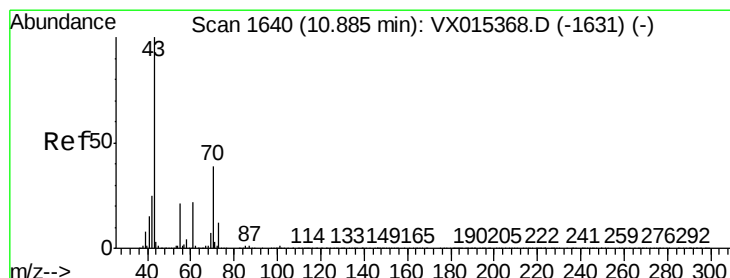
11.00

10.90

11.10



Time-->



#74

N-ethyl acetate

Concen: 52.000 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion: 43 Resp: 1246889

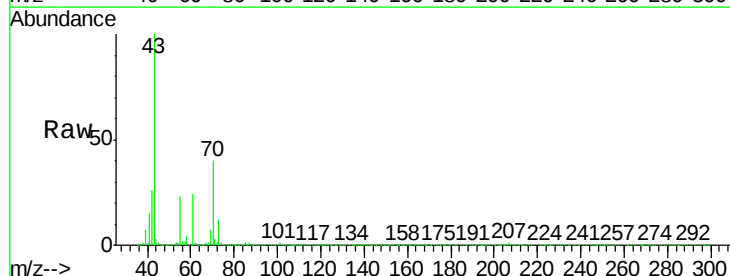
Ion Ratio Lower Upper

43 100

70 40.5 30.2 45.4

55 22.4 16.8 25.2

61 23.9 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1500000

1000000

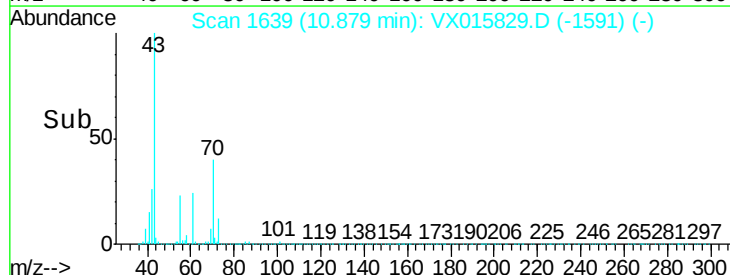
500000

0

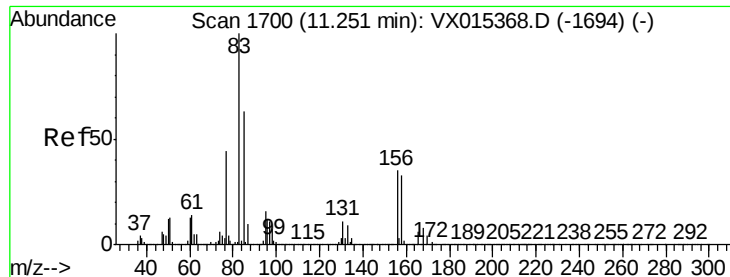
10.88

10.80

10.90



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 36.498 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

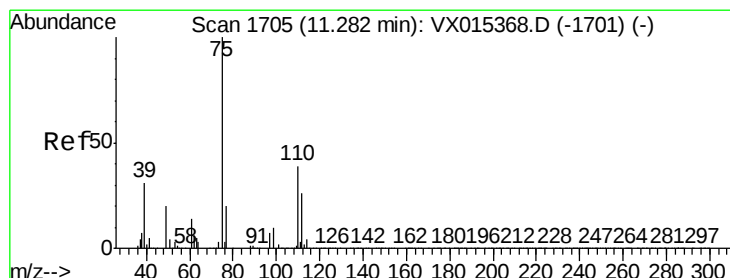
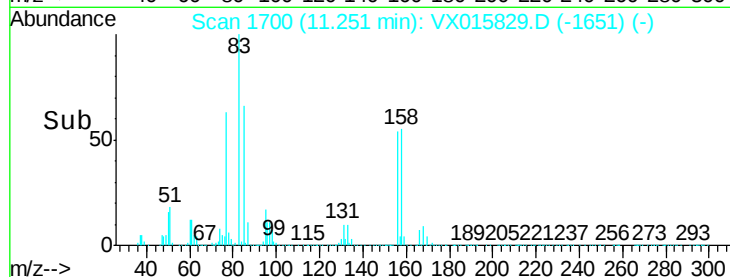
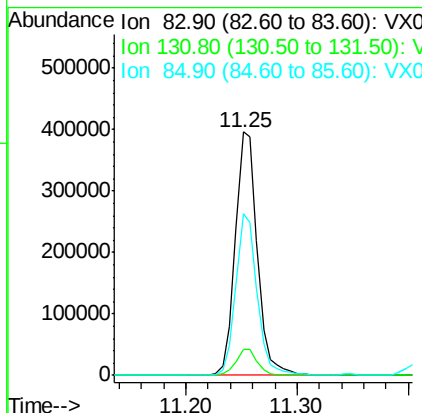
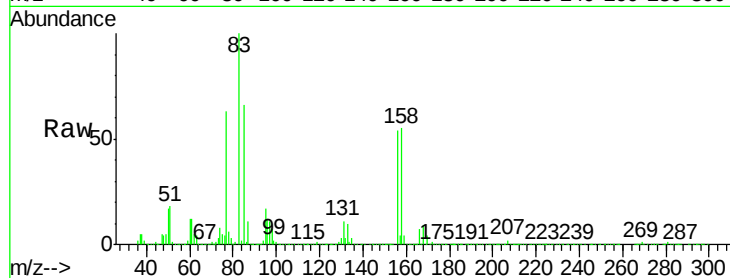
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	539937
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	65.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 54.349 ug/l m

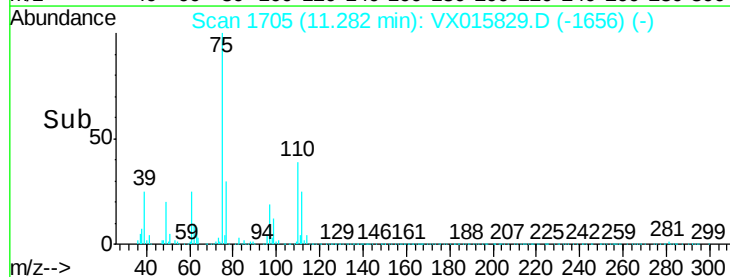
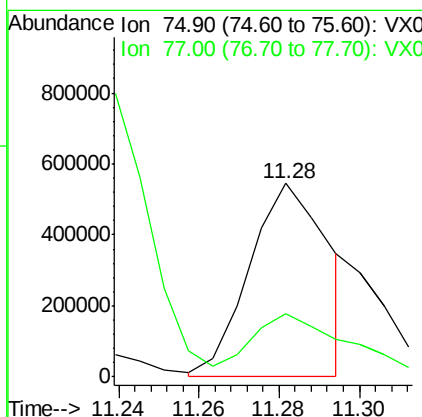
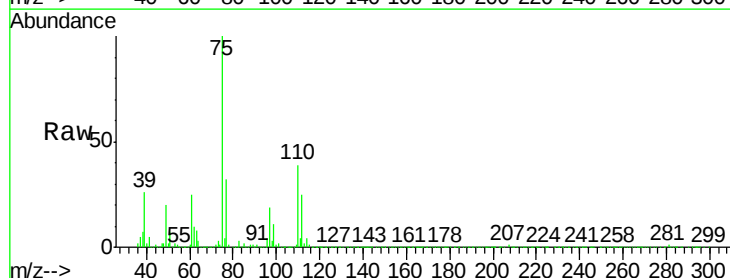
RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion:	75	Resp:	735400
Ion Ratio	Lower	Upper	
75	100		
77	40.5	21.2	63.6





#77

Bromobenzene

Concen: 57.894 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Instrument :

MSVOA_X

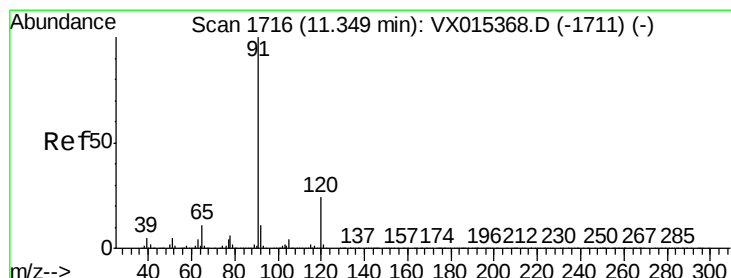
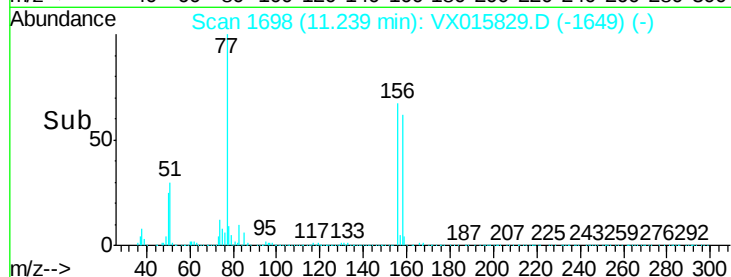
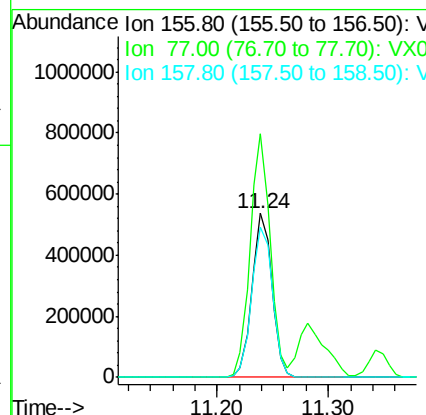
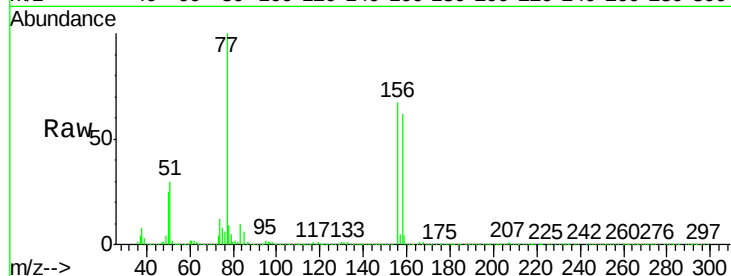
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	665773
Ion Ratio	Lower	Upper	
156	100		
77	149.5	82.2	246.5
158	96.3	49.3	147.9

Manual Integrations
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4/22/2020 10:00:32 AM



#78

n-propylbenzene

Concen: 53.546 ug/l

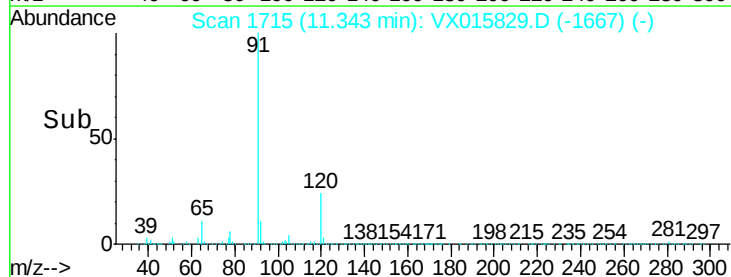
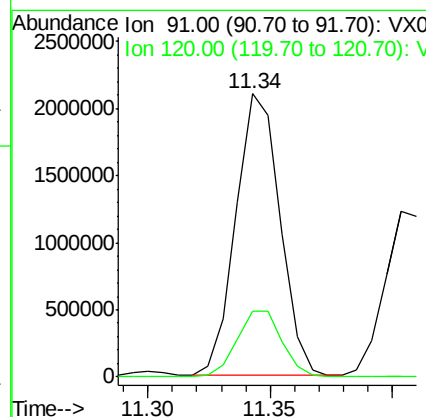
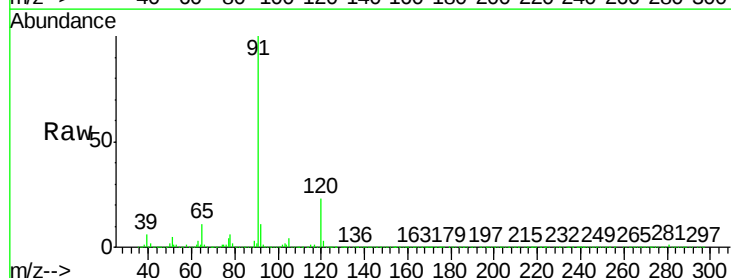
RT: 11.34 min Scan# 1715

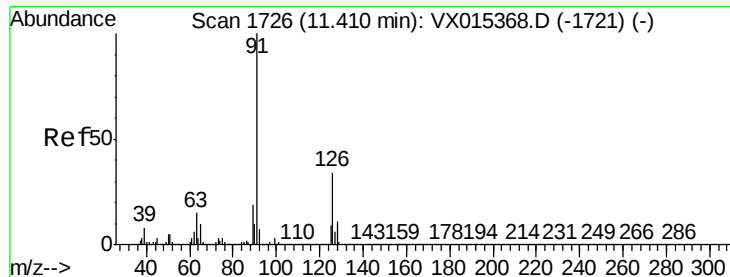
Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion:	91	Resp:	2639764
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.7	35.0





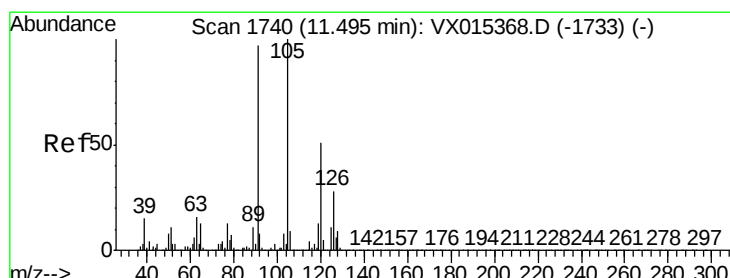
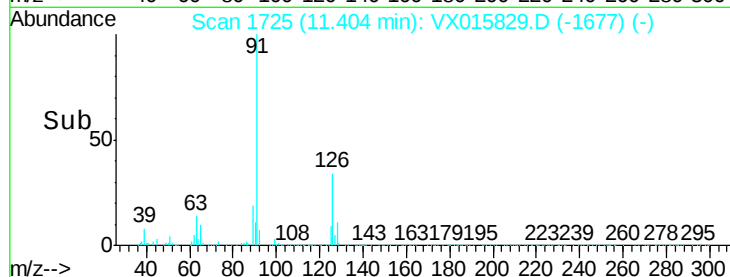
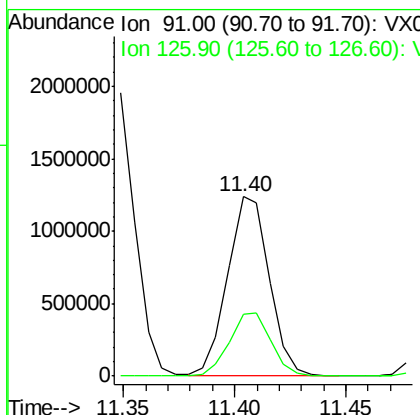
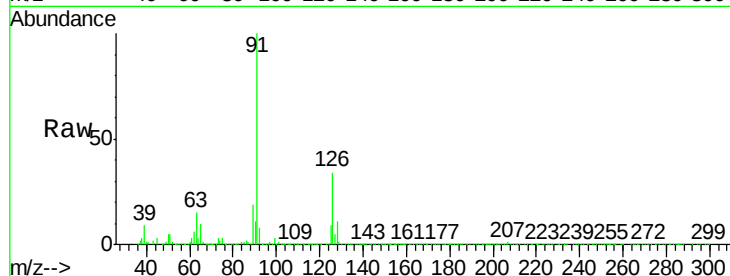
#79
 2-Chlorotoluene
 Concen: 53.221 ug/l
 RT: 11.40 min Scan# 1725
 Delta R.T. -0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1608162
 Ion Ratio Lower Upper
 91 100
 126 35.1 16.5 49.5

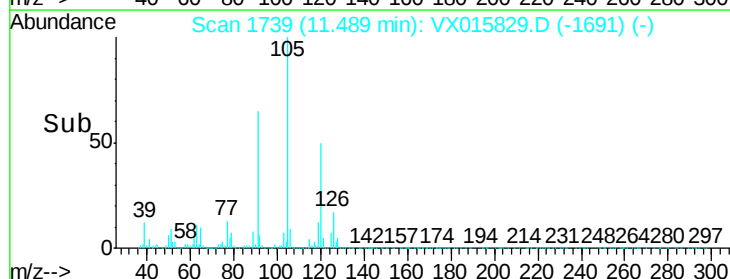
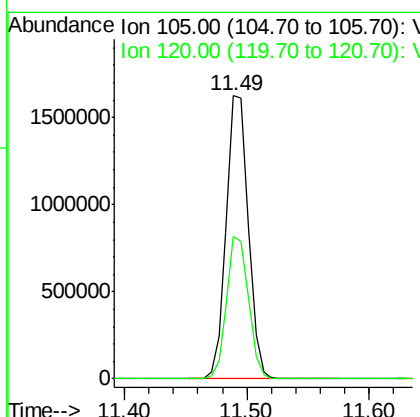
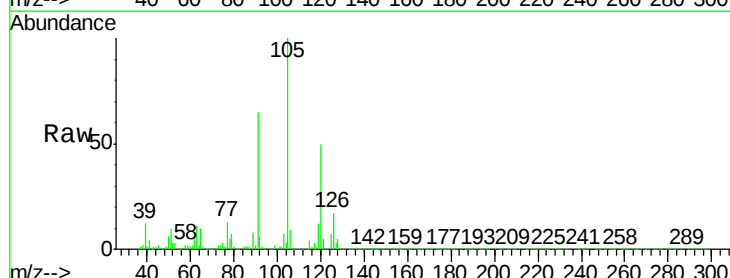
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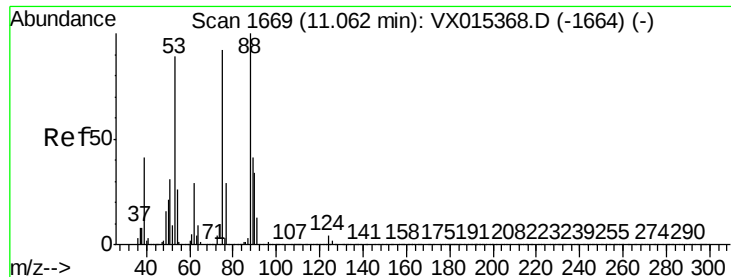
MMDadoda
 4/22/2020 10:00:32 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.839 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion: 105 Resp: 2019181
 Ion Ratio Lower Upper
 105 100
 120 49.7 24.8 74.4





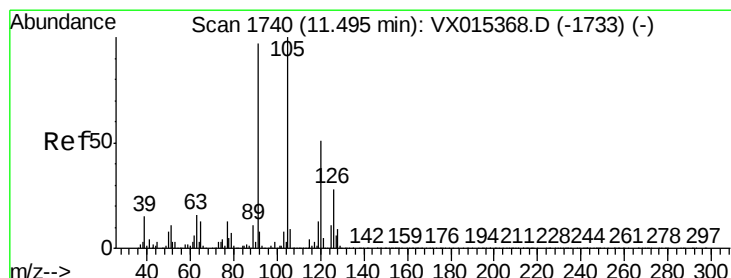
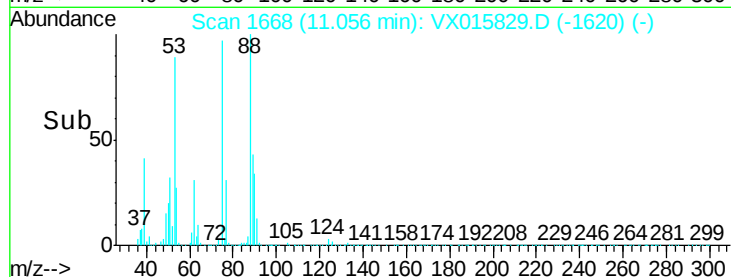
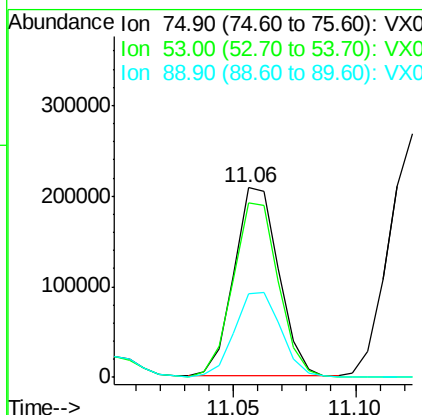
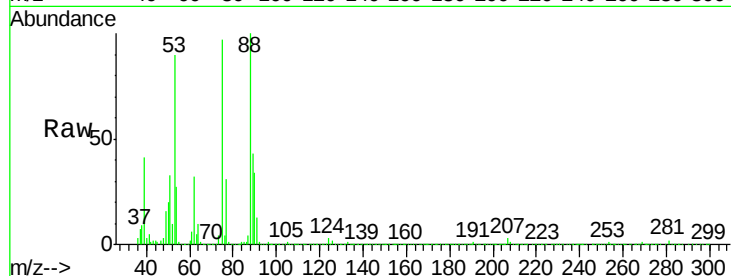
#81
trans-1,4-Dichloro-2-butene
Concen: 46.993 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.7	80.1	120.1
89	46.9	36.1	54.1

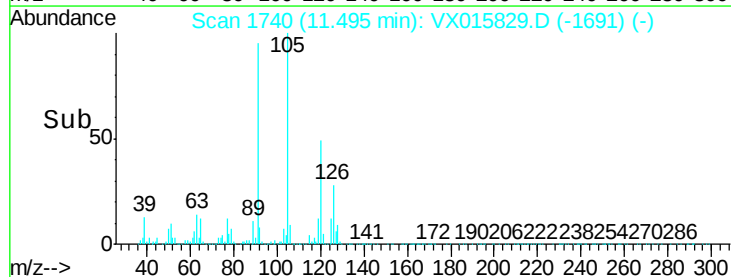
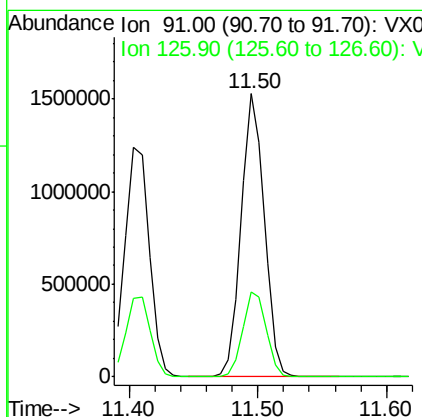
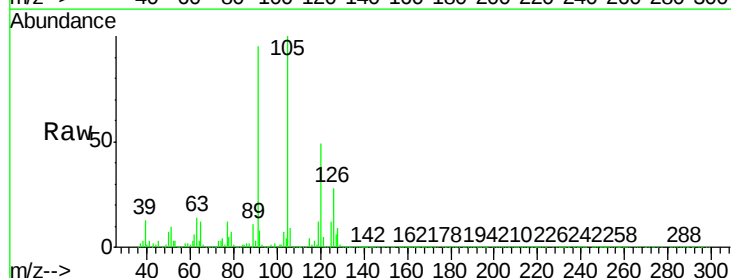
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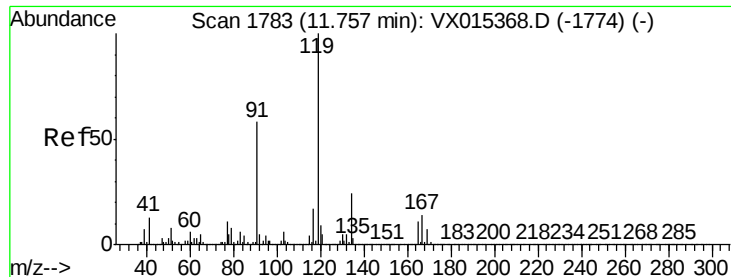
MMDadoda
4/22/2020 10:00:32 AM



#82
4-Chlorotoluene
Concen: 53.635 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.7	44.1





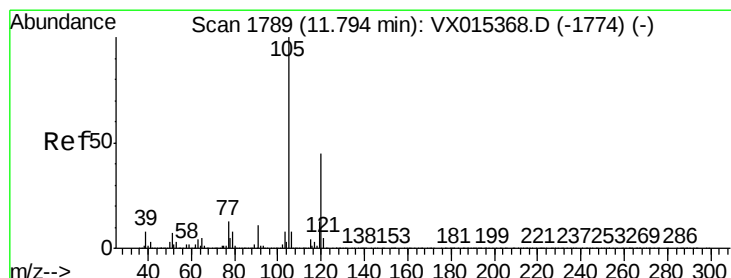
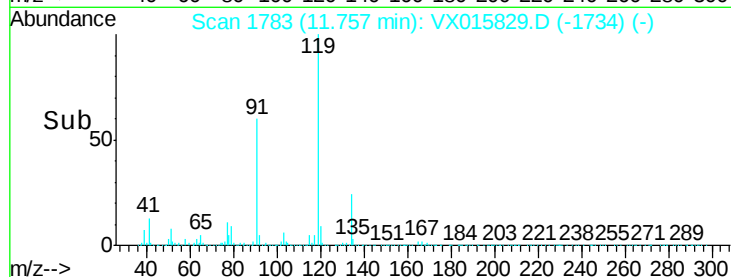
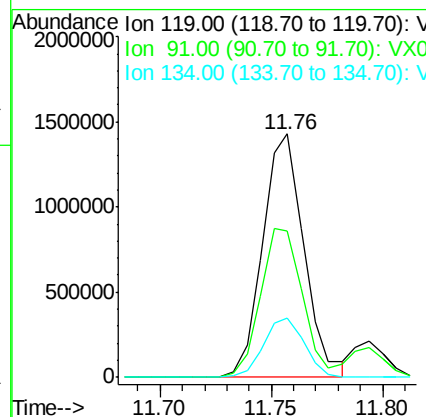
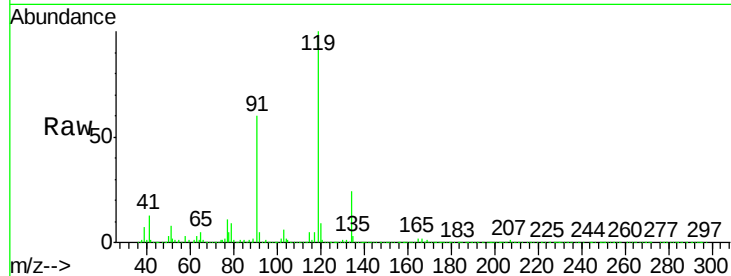
#83
tert-Butylbenzene
Concen: 51.142 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	61.9	28.6	85.8
134	24.1	11.8	35.3

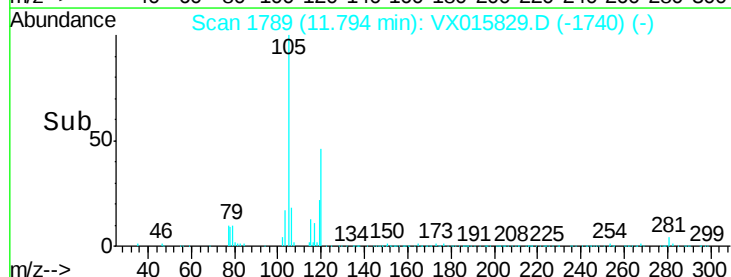
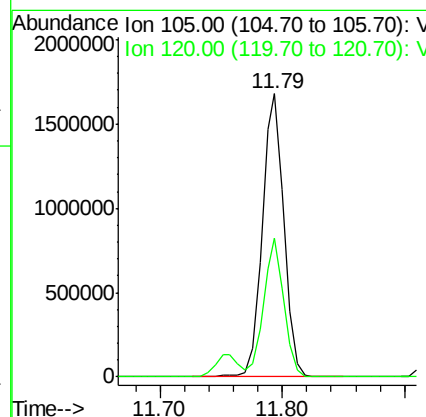
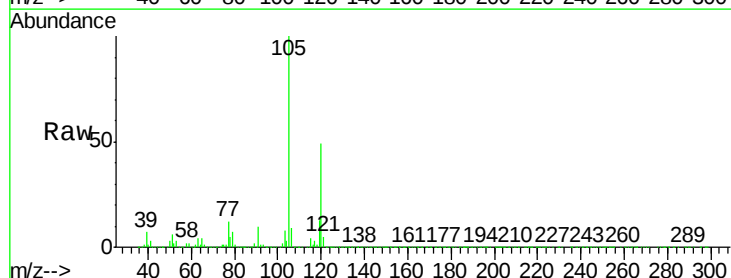
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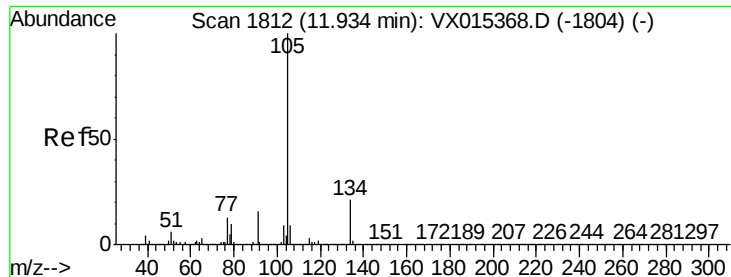
MMDadoda
4/22/2020 10:00:32 AM



#84
1,2,4-Trimethylbenzene
Concen: 55.131 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.7	68.1





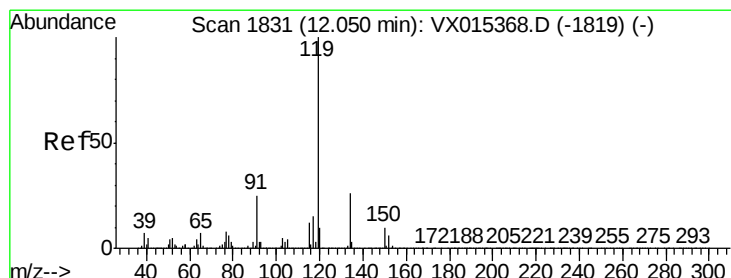
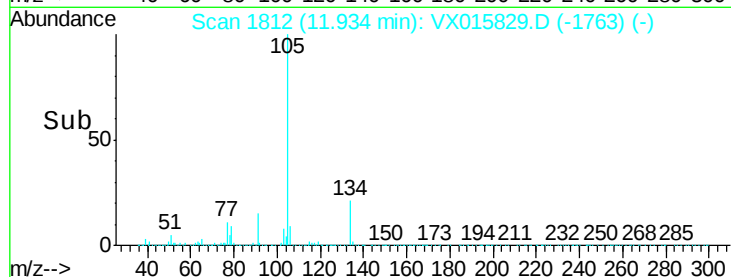
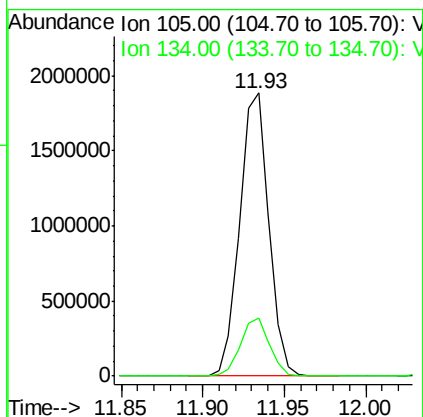
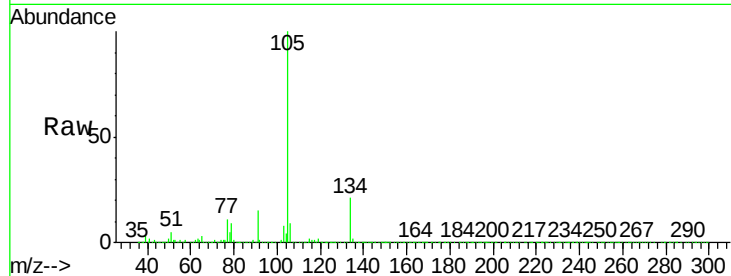
#85
 sec-Butylbenzene
 Concen: 56.328 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 2342965
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

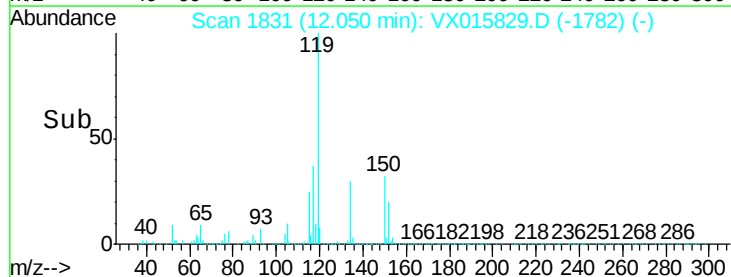
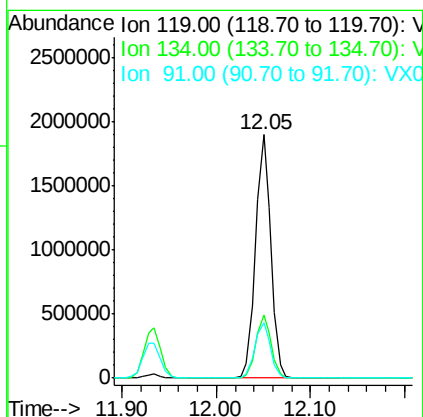
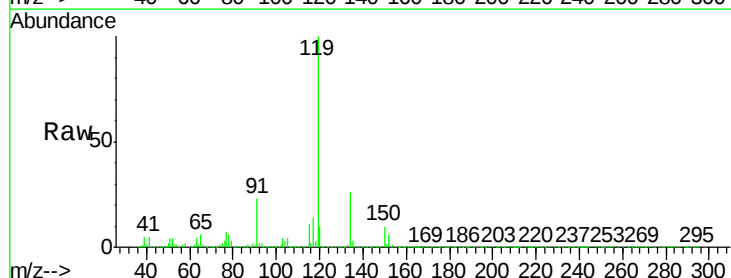
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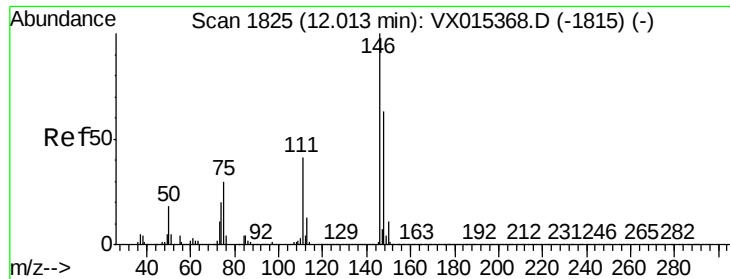
MMDadoda
 4/22/2020 10:00:32 AM



#86
 p-Isopropyltoluene
 Concen: 56.446 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion:119 Resp: 2179676
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 23.2 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 55.622 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

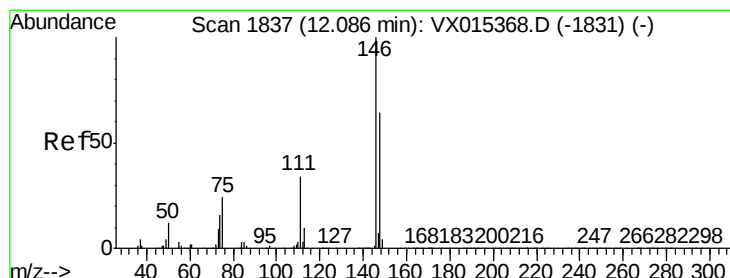
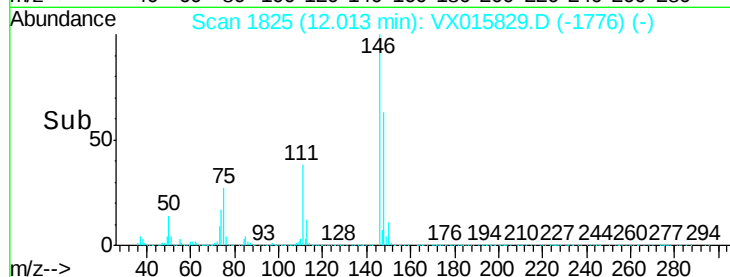
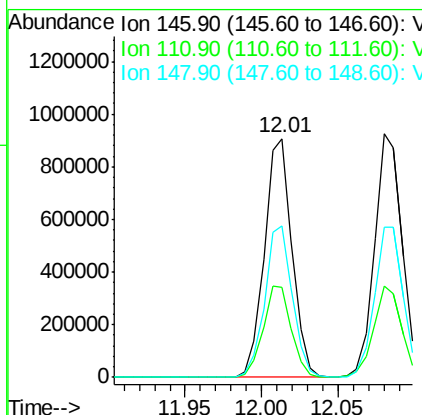
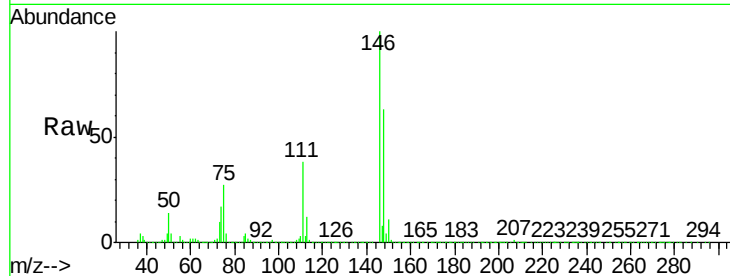
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.3	60.9
148	63.2	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 55.047 ug/l

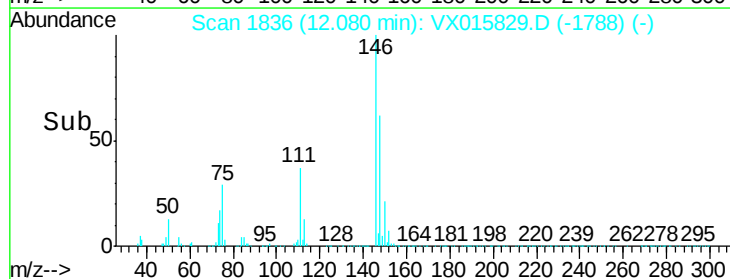
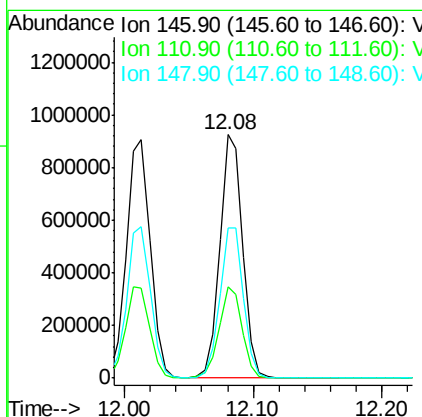
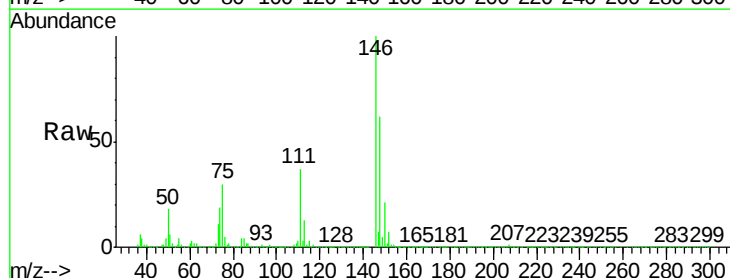
RT: 12.08 min Scan# 1836

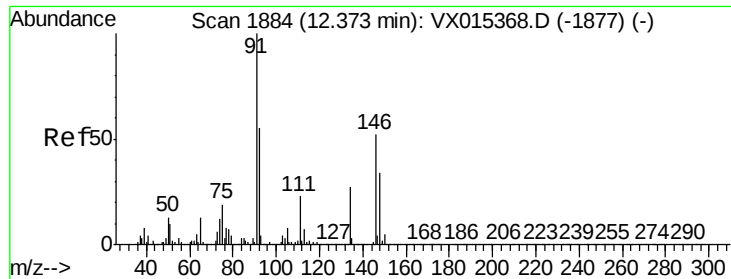
Delta R.T. -0.01 min

Lab File: VX015829.D

Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	64.0	32.4	97.2





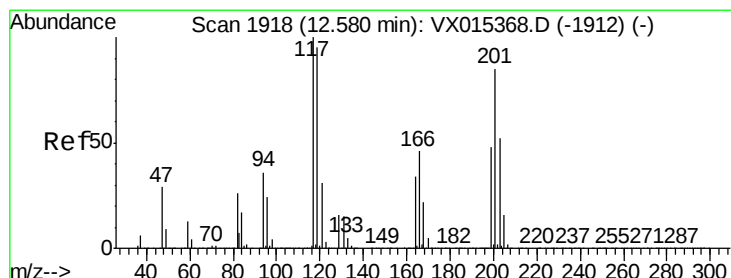
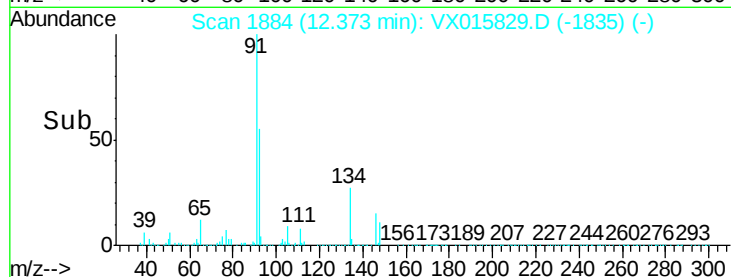
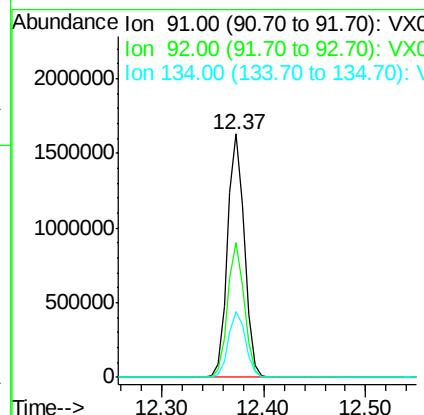
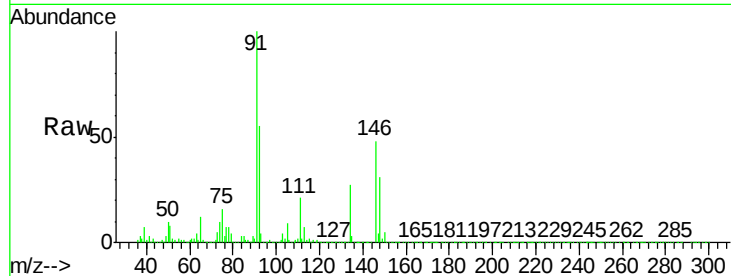
#89
n-Butylbenzene
Concen: 53.786 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1876894
Ion Ratio Lower Upper
91 100
92 54.5 27.2 81.5
134 27.5 13.4 40.2

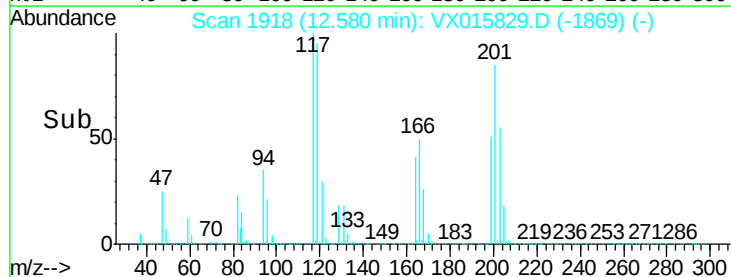
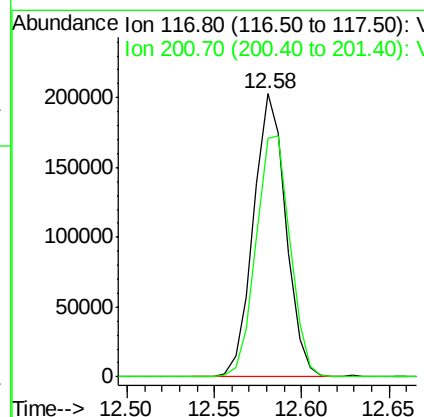
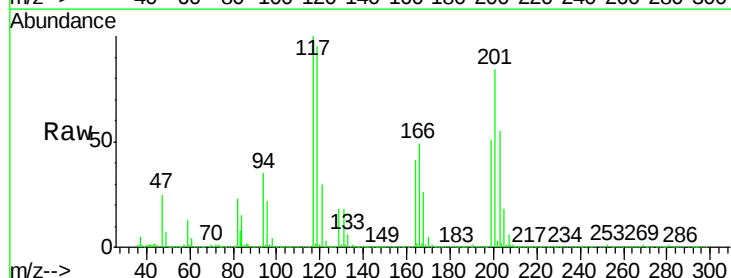
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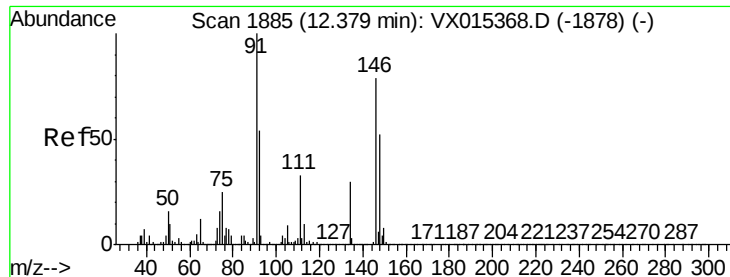
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#90
Hexachloroethane
Concen: 34.711 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion: 117 Resp: 260882
Ion Ratio Lower Upper
117 100
201 89.6 42.6 128.0





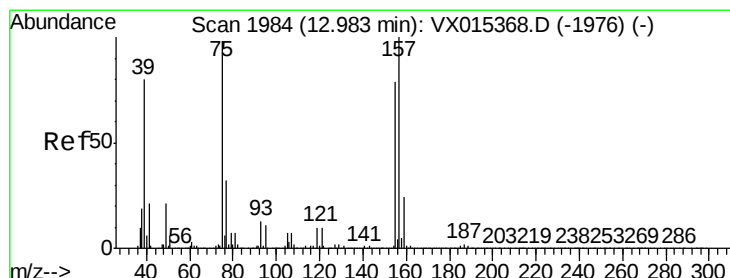
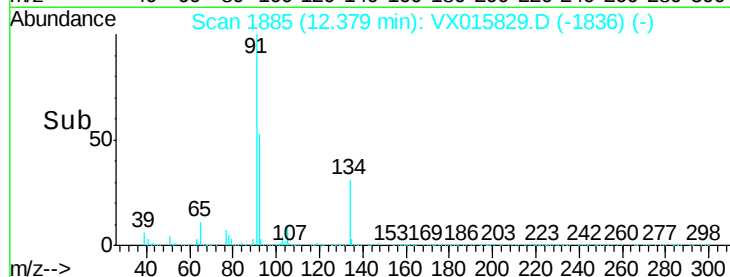
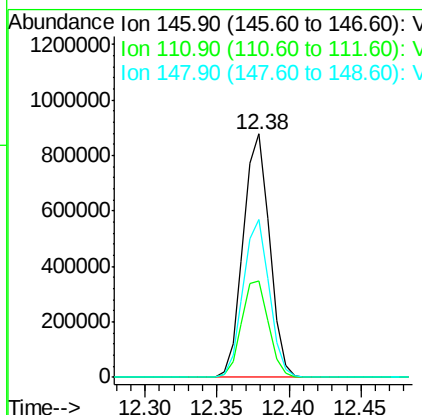
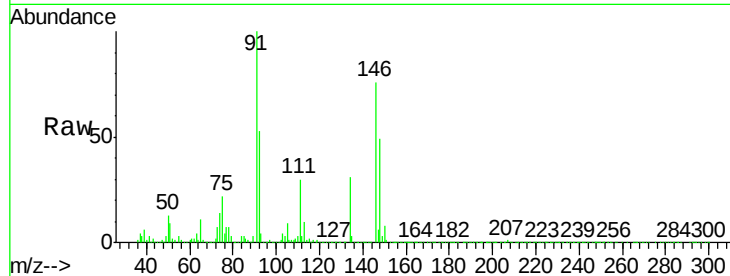
#91
 1,2-Dichlorobenzene
 Concen: 55.282 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.0	63.0
148	64.5	32.4	97.0

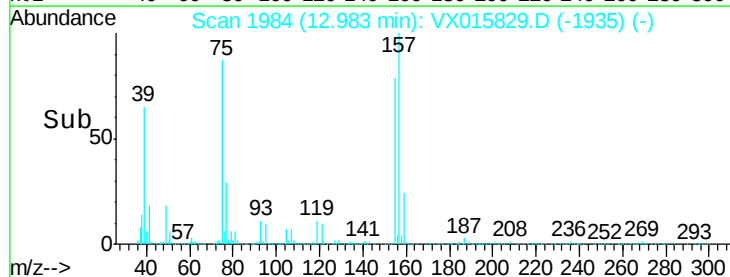
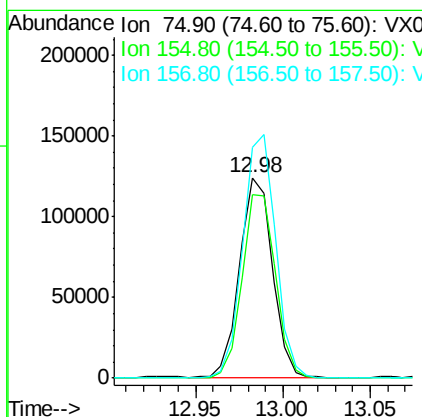
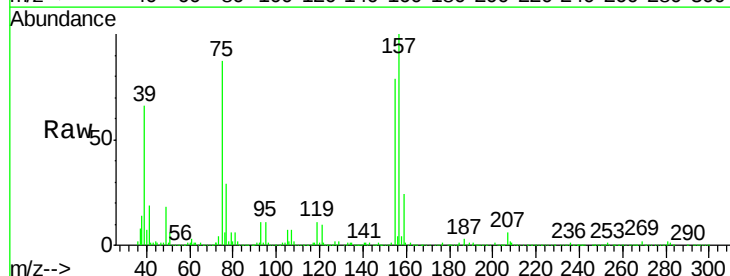
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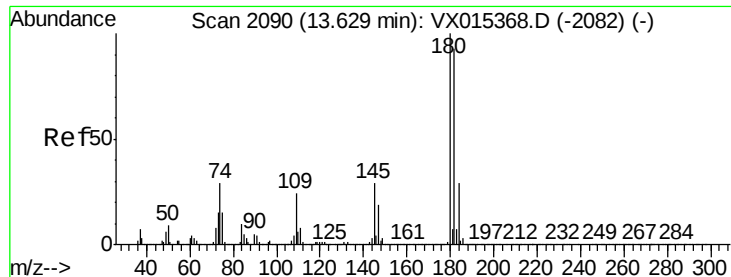
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.636 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	42.8	128.4
157	122.0	53.4	160.3





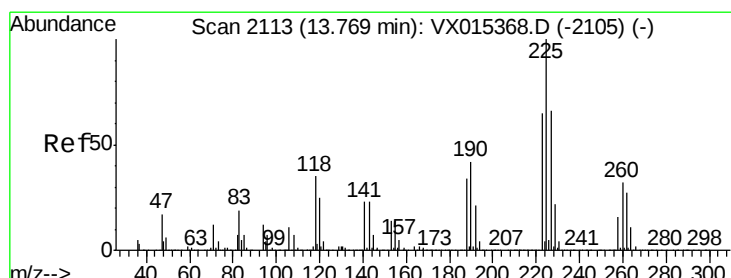
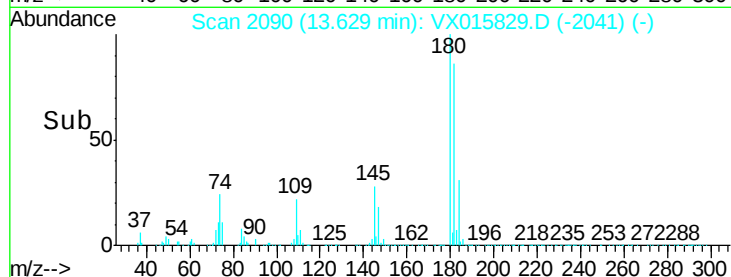
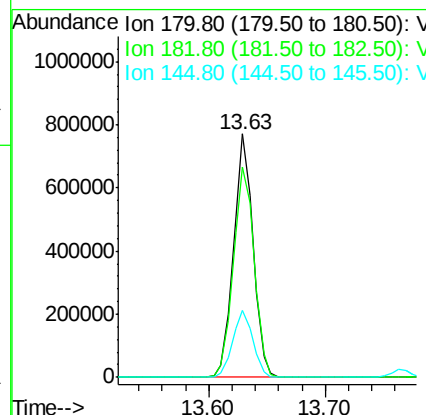
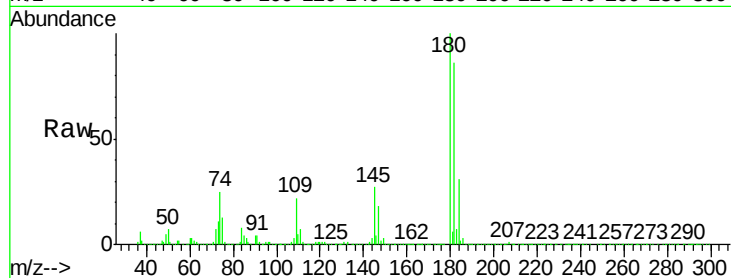
#93
 1,2,4-Trichlorobenzene
 Concen: 56.144 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	46.9	140.7
145	28.6	14.9	44.5

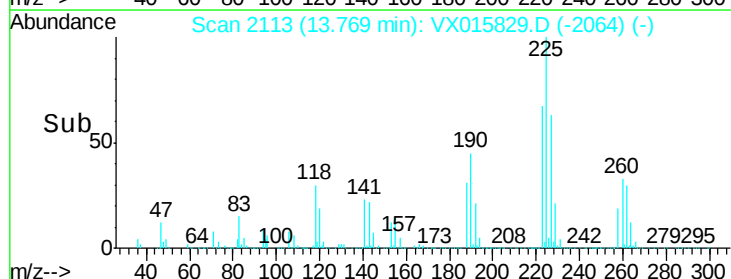
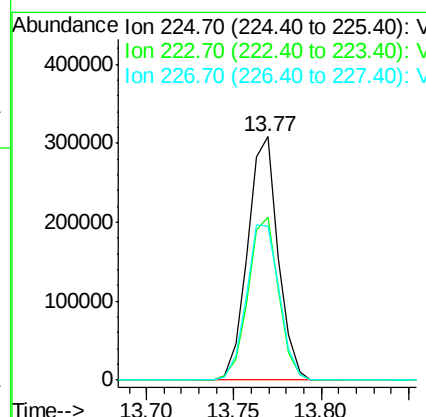
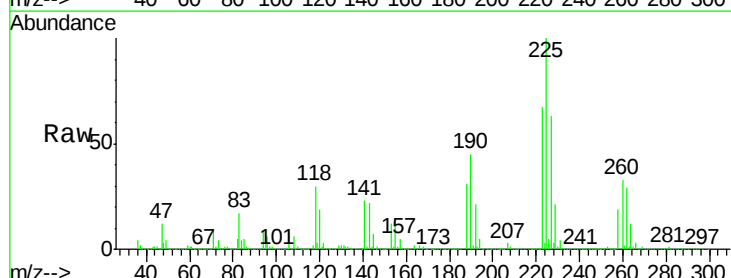
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#94
 Hexachlorobutadiene
 Concen: 49.126 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015829.D
 Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.1	31.9	95.7
227	69.0	30.4	91.3





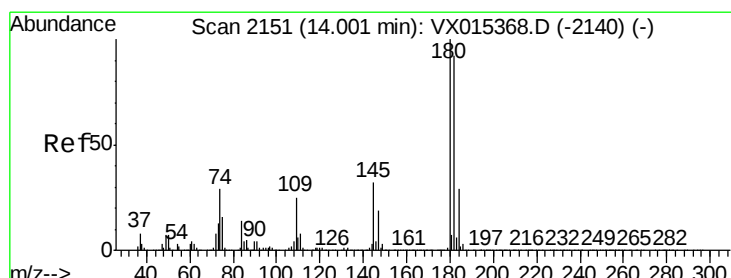
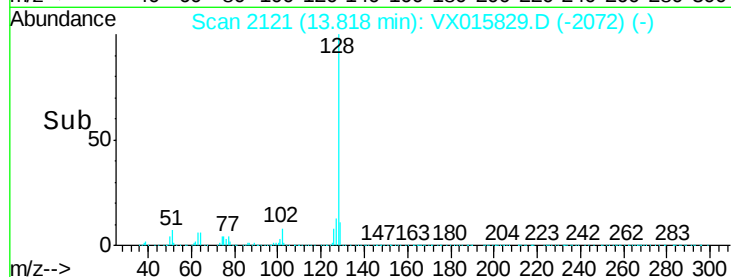
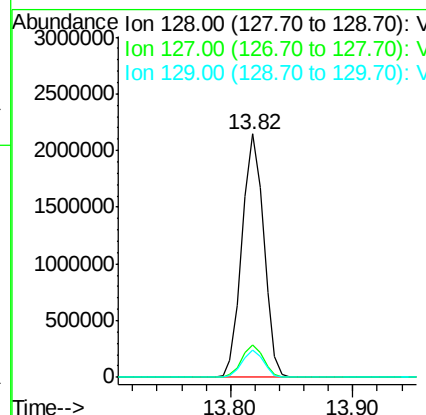
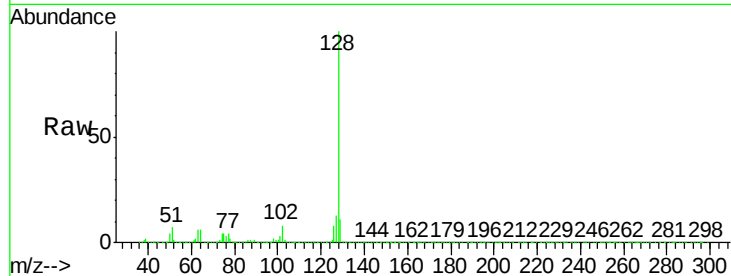
#95
Naphthalene
Concen: 54.200 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:00:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.306 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015829.D
Acq: 22 Apr 2020 05:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	46.7	140.0
145	30.5	15.8	47.3

