

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015529.D
 Acq On : 07 Apr 2020 10:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:12:01 AM

Quant Time: Apr 08 03:02:00 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	1192066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1796538	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1636184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	875189	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	734907	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
35) Dibromofluoromethane	5.47	113	536104	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	
50) Toluene-d8	8.70	98	1992198	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
62) 4-Bromofluorobenzene	11.12	95	832429	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	516552	49.185	ug/l	99
3) Chloromethane	1.31	50	589176	44.052	ug/l	97
4) Vinyl Chloride	1.39	62	553941	45.106	ug/l	99
5) Bromomethane	1.62	94	266962	46.610	ug/l	99
6) Chloroethane	1.70	64	347195	45.584	ug/l	99
7) Trichlorofluoromethane	1.91	101	806178	48.949	ug/l	99
8) Diethyl Ether	2.17	74	312003	44.914	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	533553	49.695	ug/l	98
10) Methyl Iodide	2.49	142	735213	50.790	ug/l	99
11) Tert butyl alcohol	3.01	59	663644	164.912	ug/l	99
12) 1,1-Dichloroethene	2.35	96	516385	45.883	ug/l	93
13) Acrolein	2.27	56	639202	278.837	ug/l	100
14) Allyl chloride	2.70	41	1153109	43.850	ug/l	96
15) Acrylonitrile	3.11	53	1575368	205.273	ug/l	100
16) Acetone	2.42	43	1504231	208.251	ug/l	99
17) Carbon Disulfide	2.55	76	1486430	43.296	ug/l	99
18) Methyl Acetate	2.75	43	758008	41.117	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1925455	44.112	ug/l	99
20) Methylene Chloride	2.83	84	592175	43.891	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	555803	44.499	ug/l	94
22) Diisopropyl ether	3.83	45	2134071	45.798	ug/l	89
23) Vinyl Acetate	3.78	43	9247524	219.189	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1087663	44.332	ug/l	99
25) 2-Butanone	4.63	43	2316335	199.403	ug/l	98
26) 2,2-Dichloropropane	4.55	77	1019222	50.611	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	652426	45.149	ug/l	97
28) Bromochloromethane	4.98	49	541048	46.189	ug/l	100
29) Tetrahydrofuran	5.09	42	1466334	196.353	ug/l	100
30) Chloroform	5.17	83	1073040	45.460	ug/l	98
31) Cyclohexane	5.54	56	1006674	47.298	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	996684	46.657	ug/l	99
36) 1,1-Dichloropropene	5.77	75	827893	50.014	ug/l	99
37) Ethyl Acetate	4.79	43	916597	42.527	ug/l	100
38) Carbon Tetrachloride	5.75	117	883951	49.304	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	994088	52.085	ug/l	98
40) Benzene	6.11	78	2303585	47.508	ug/l	99
41) Methacrylonitrile	5.00	41	534865	44.704	ug/l	100
42) 1,2-Dichloroethane	6.16	62	938772	48.199	ug/l	100
43) Isopropyl Acetate	6.41	43	1619737	44.518	ug/l	99
44) Trichloroethene	7.19	130	663081	50.142	ug/l	95
45) 1,2-Dichloropropane	7.49	63	622857	46.956	ug/l	99
46) Dibromomethane	7.64	93	411642	47.308	ug/l	98
47) Bromodichloromethane	7.87	83	895604	48.305	ug/l	97
48) Methyl methacrylate	7.75	41	814037	44.792	ug/l	99
49) 1,4-Dioxane	7.72	88	250512	738.915	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4548711	220.600	ug/l	99
52) Toluene	8.76	92	1494673	49.998	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1044629	48.041	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1080074	48.761	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	592975	48.414	ug/l	96
56) Ethyl methacrylate	9.16	69	1012566	46.910	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1041729	47.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2473676	235.606	ug/l	100
59) 2-Hexanone	9.47	43	3452557	221.781	ug/l	100
60) Dibromochloromethane	9.56	129	706854	48.028	ug/l	97
61) 1,2-Dibromoethane	9.65	107	629277	47.251	ug/l	99
64) Tetrachloroethene	9.32	164	644081	52.161	ug/l	97
65) Chlorobenzene	10.12	112	1609108	49.313	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	644617	49.449	ug/l	98
67) Ethyl Benzene	10.23	91	2921751	50.486	ug/l	99
68) m/p-Xylenes	10.34	106	2182152	101.260	ug/l	98
69) o-Xylene	10.68	106	1058761	49.719	ug/l	97
70) Styrene	10.70	104	1856417	49.541	ug/l	99
71) Bromoform	10.84	173	547800	46.161	ug/l #	96
73) Isopropylbenzene	11.00	105	2908331	50.717	ug/l	99
74) N-amyl acetate	10.88	43	1460330	45.787	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	886944	45.075	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	835932m	46.447	ug/l	
77) Bromobenzene	11.24	156	758840	49.611	ug/l	97
78) n-propylbenzene	11.34	91	3329392	50.775	ug/l	100
79) 2-Chlorotoluene	11.40	91	1996190	49.668	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2435031	49.721	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	336892	44.915	ug/l	97
82) 4-Chlorotoluene	11.50	91	2375770	50.424	ug/l	100
83) tert-Butylbenzene	11.76	119	2426000	50.714	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2533231	50.760	ug/l	99
85) sec-Butylbenzene	11.93	105	2906873	52.542	ug/l	99
86) p-Isopropyltoluene	12.05	119	2706556	52.697	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1392101	50.839	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	1376444	49.349	ug/l	99
89) n-Butylbenzene	12.37	91	2520453	54.304	ug/l	100
90) Hexachloroethane	12.58	117	499205	49.937	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	1313322	49.009	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	223608	40.263	ug/l	95

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ClientSampleId :
VSTDCCC050

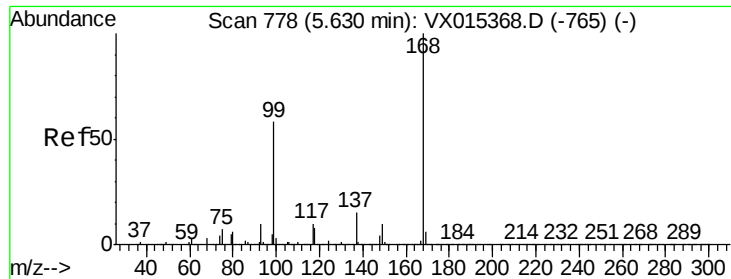
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1094534	51.637	ug/l	97
94) Hexachlorobutadiene	13.77	225	526745	52.194	ug/l	97
95) Naphthalene	13.82	128	3089343	47.780	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	1079284	52.885	ug/l	98

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



#1

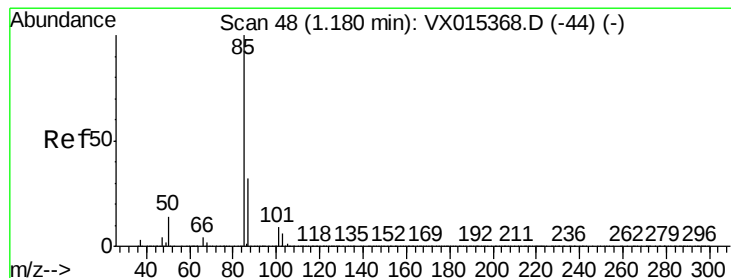
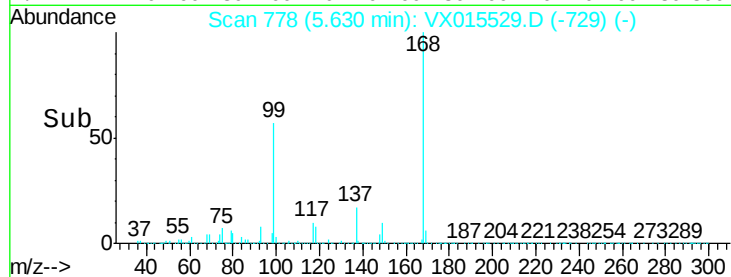
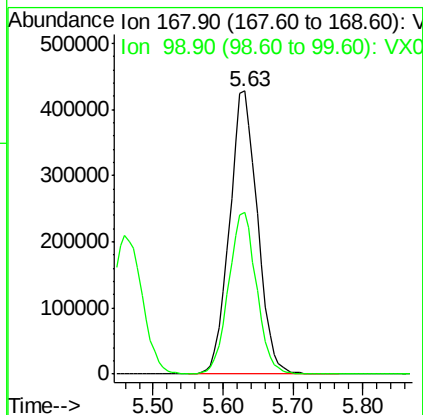
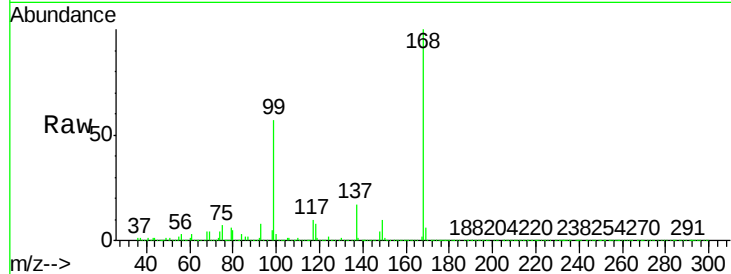
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.9	46.4	69.6

Manual Integrations
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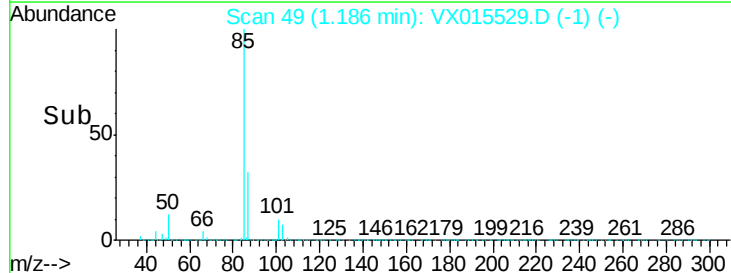
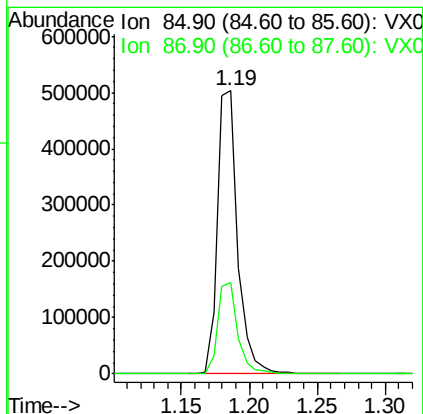
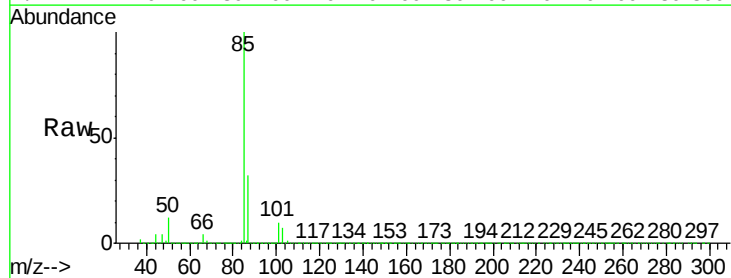
MMDadoda
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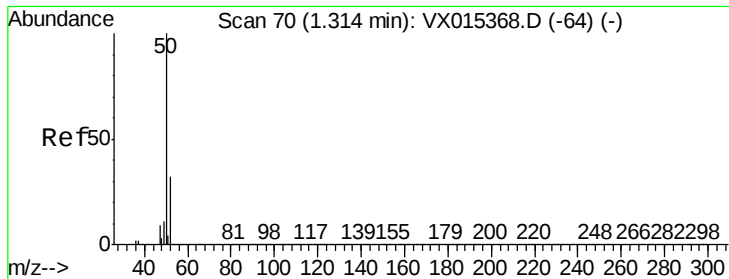


#2

Dichlorodifluoromethane
 Concen: 49.185 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.0	47.9





#3

Chloromethane

Concen: 44.052 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 589176

Ion Ratio Lower Upper

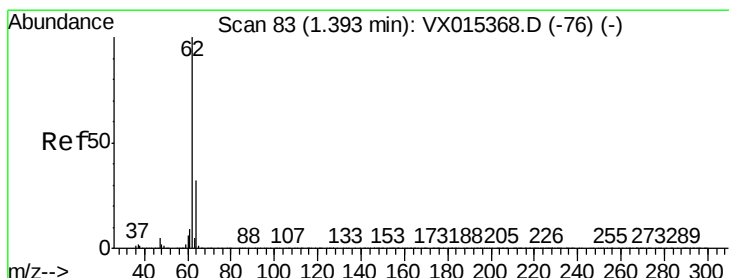
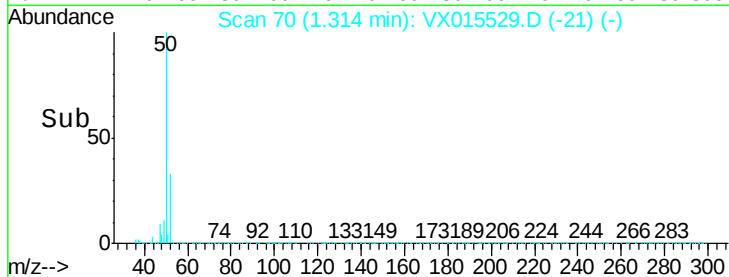
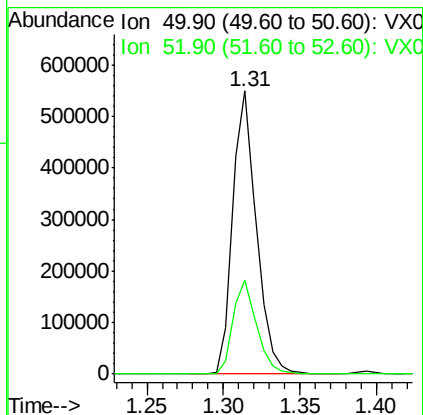
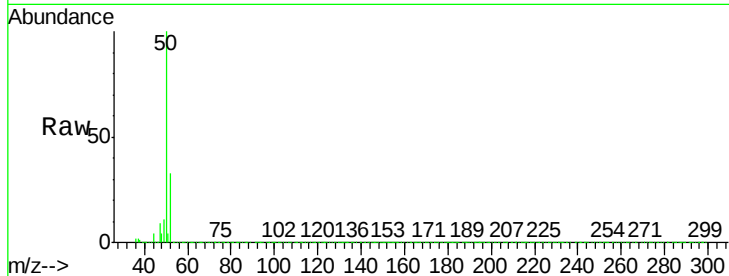
50 100

52 33.0 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 45.106 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015529.D

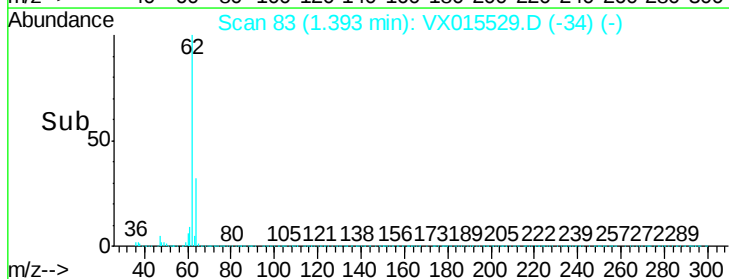
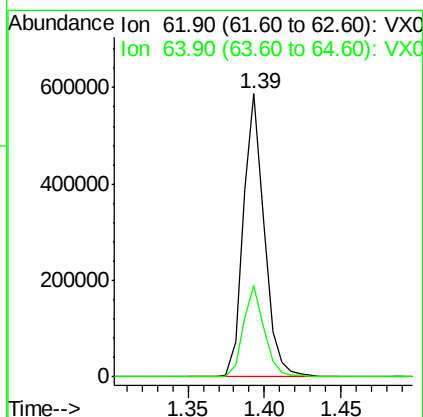
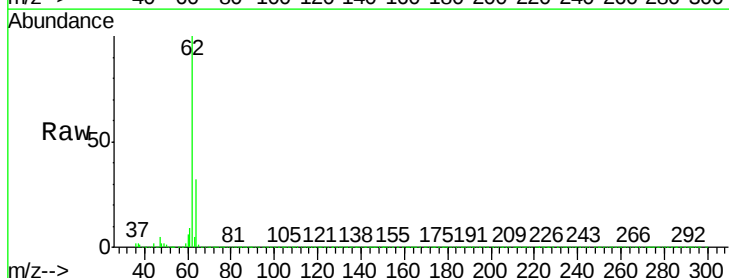
Acq: 07 Apr 2020 10:51

Tgt Ion: 62 Resp: 553941

Ion Ratio Lower Upper

62 100

64 32.1 26.0 39.0





#5

Bromomethane

Concen: 46.610 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 266962

Ion Ratio Lower Upper

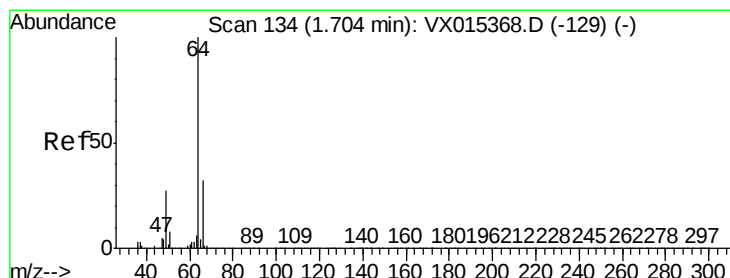
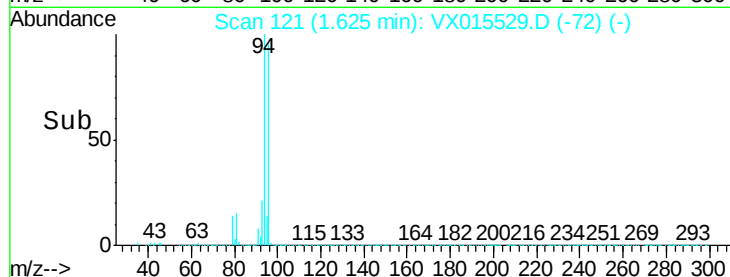
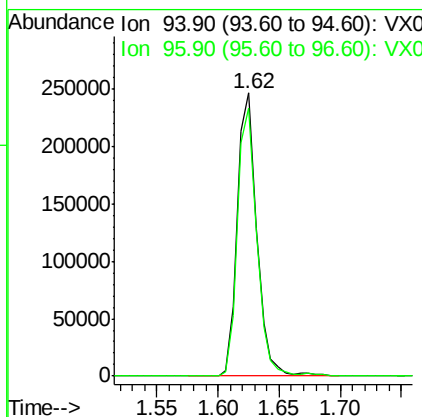
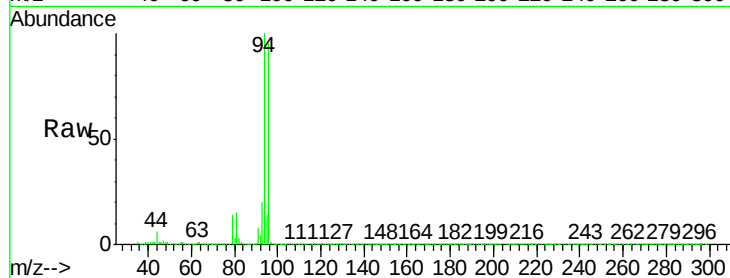
94 100

96 94.7 74.8 112.2

Manual Integrations
APPROVED

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#6

Chloroethane

Concen: 45.584 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015529.D

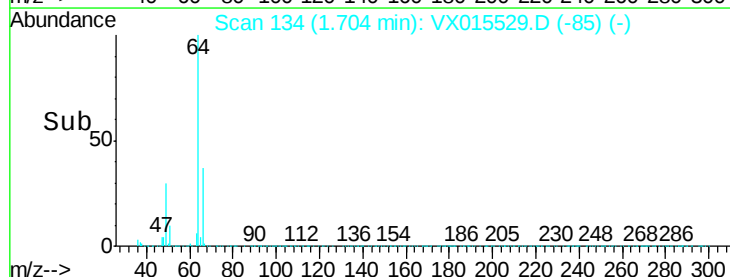
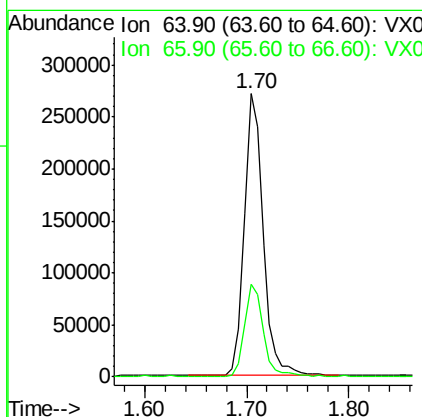
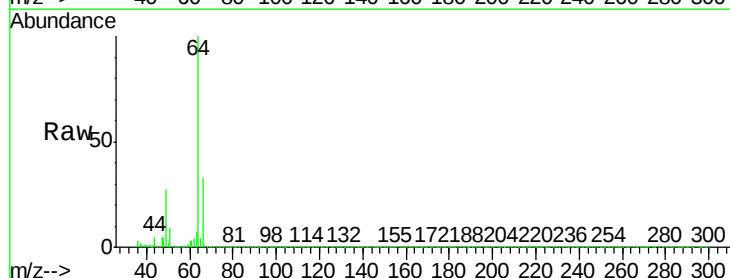
Acq: 07 Apr 2020 10:51

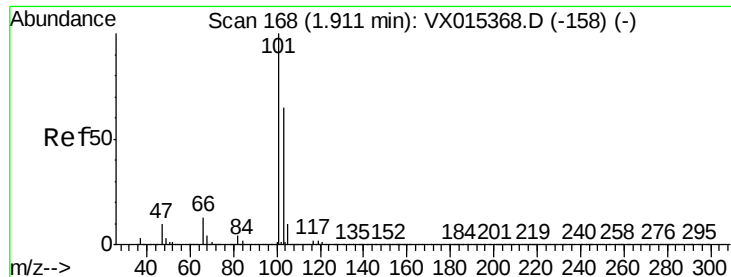
Tgt Ion: 64 Resp: 347195

Ion Ratio Lower Upper

64 100

66 32.6 25.4 38.2





#7

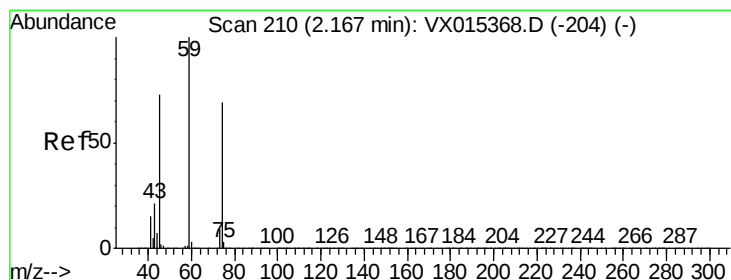
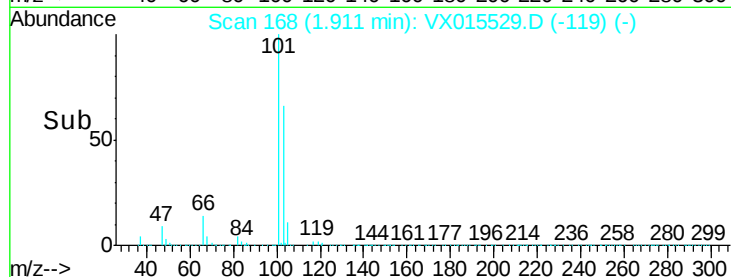
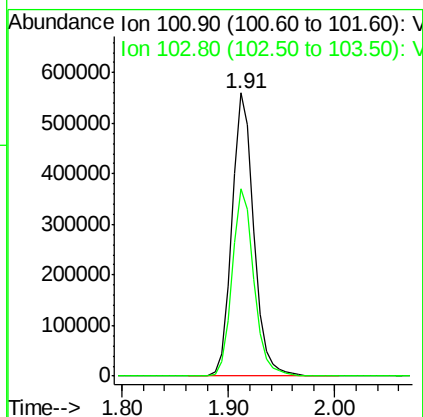
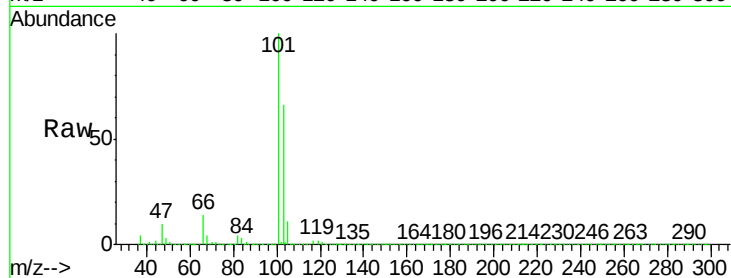
Trichlorofluoromethane
Concen: 48.949 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	52.3	78.5

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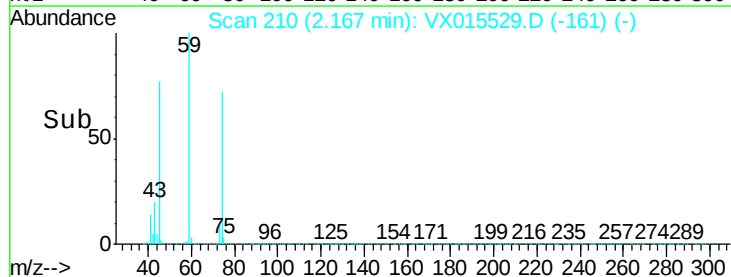
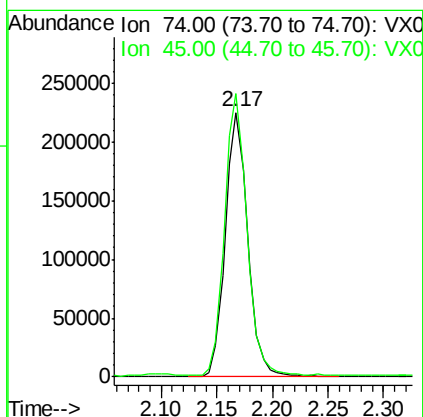
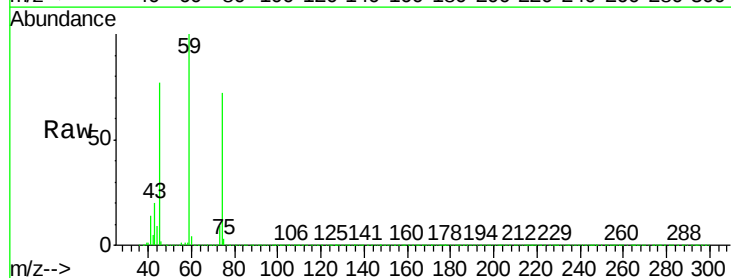
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4/8/2020 11:12:01 AM

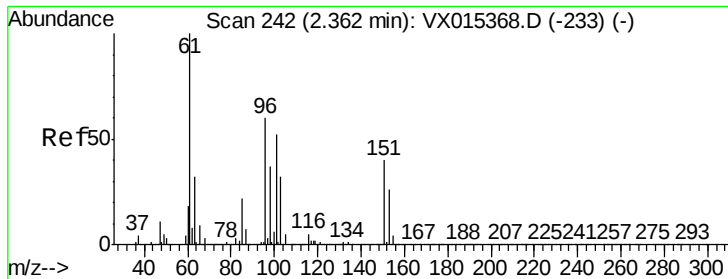


#8

Diethyl Ether
Concen: 44.914 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.3	53.8	161.4





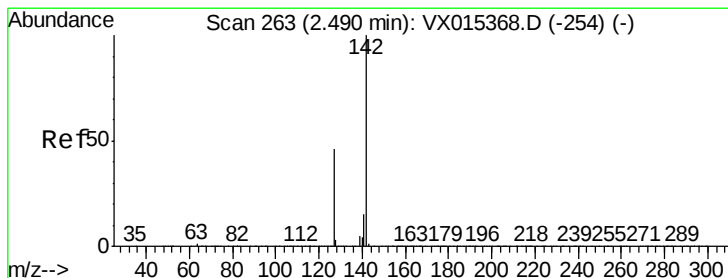
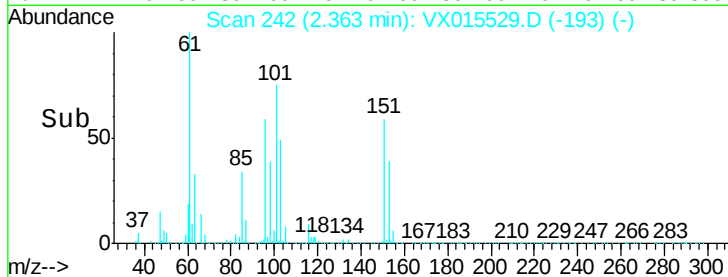
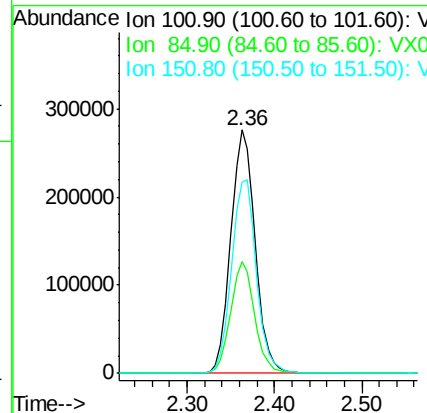
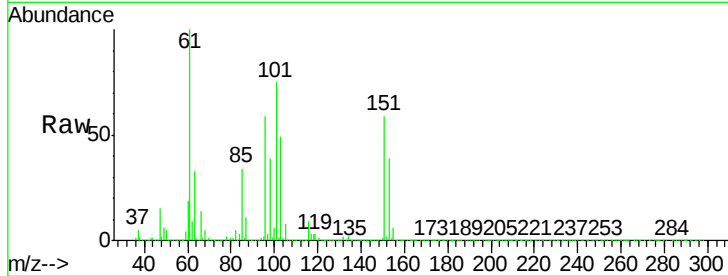
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.695 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

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Tot Ion	Ratio	Resp Lower	Resp Upper
101	100		
85	45.3	35.0	52.4
151	81.3	64.1	96.1

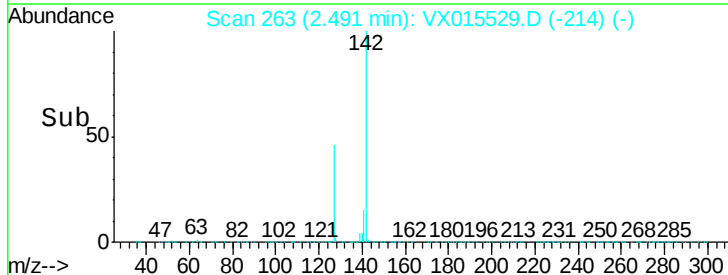
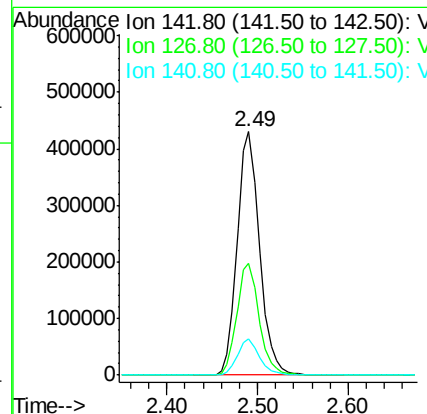
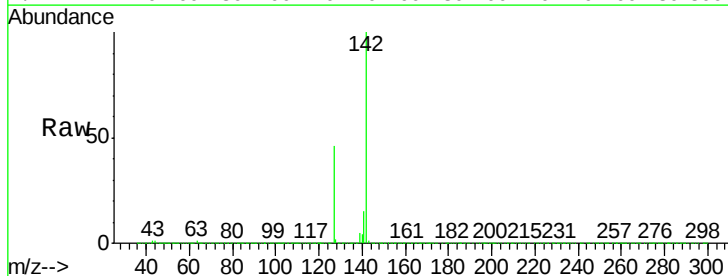
Manual Integrations
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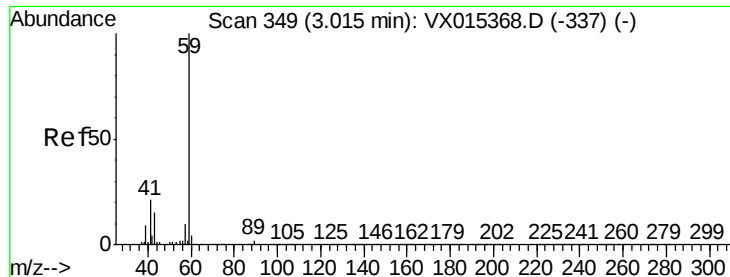
MMDadoda
4/8/2020 11:12:01 AM



#10
Methyl Iodide
Concen: 50.790 ug/l
RT: 2.49 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
127	45.9	35.9	53.9
141	14.6	11.6	17.4





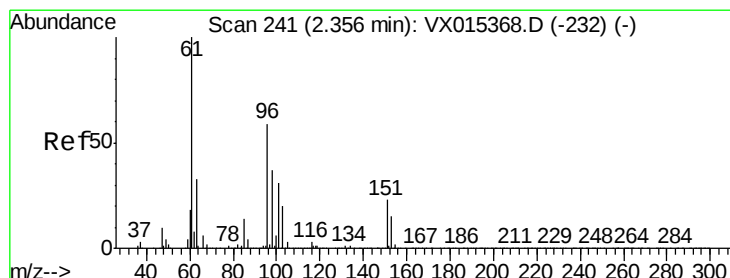
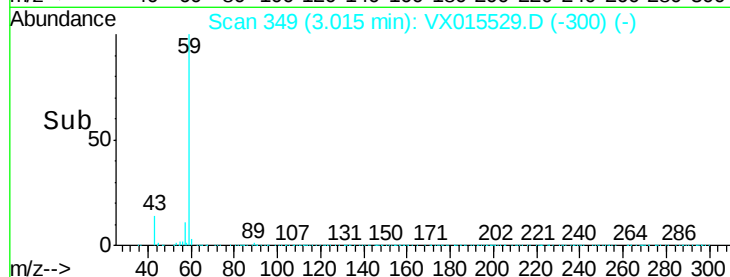
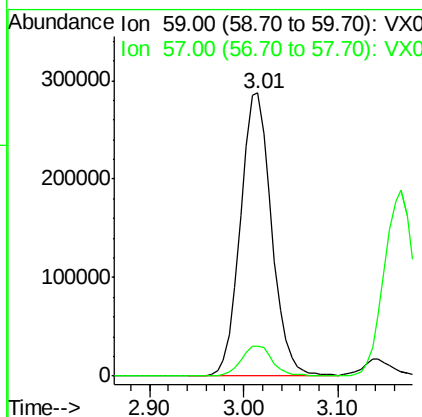
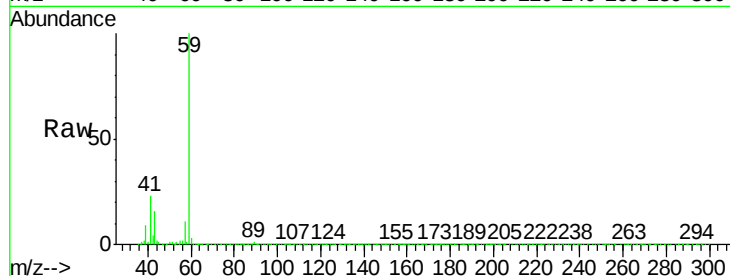
#11
Tert butyl alcohol
Concen: 164.912 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.1	12.1

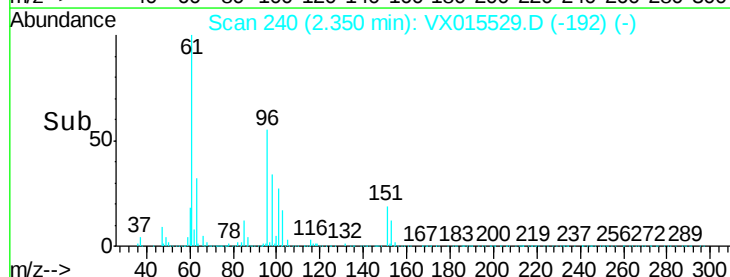
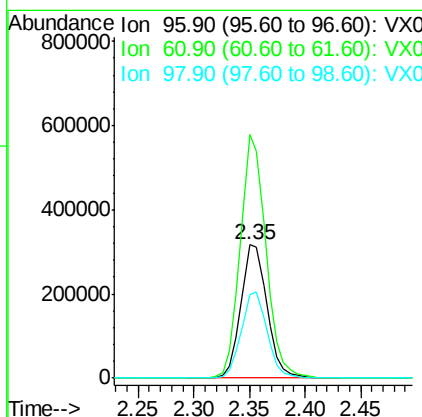
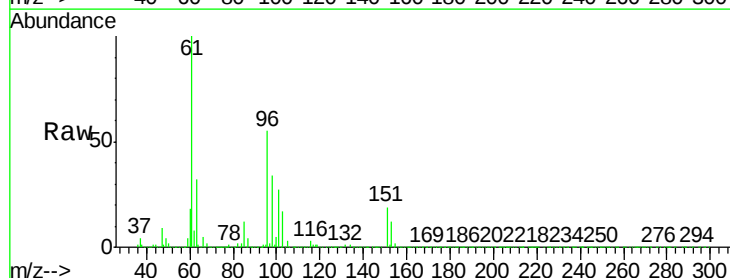
Manual Integrations
APPROVED

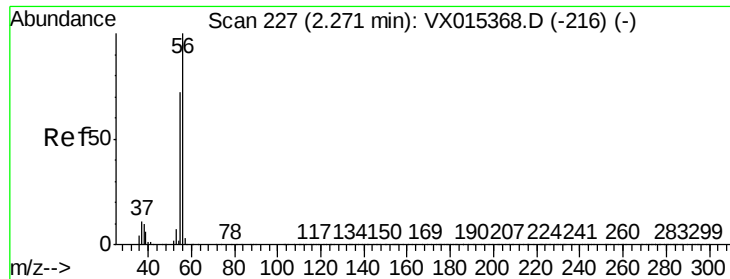
MMDadoda
4/8/2020 11:12:01 AM



#12
1,1-Dichloroethene
Concen: 45.883 ug/l
RT: 2.35 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.4	135.7	203.5
98	62.6	50.6	75.8





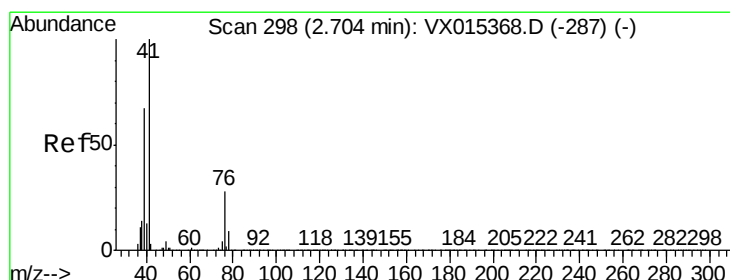
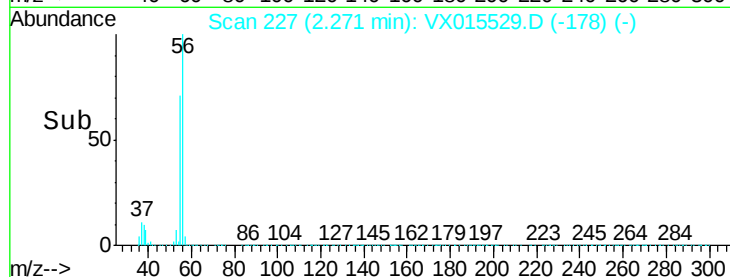
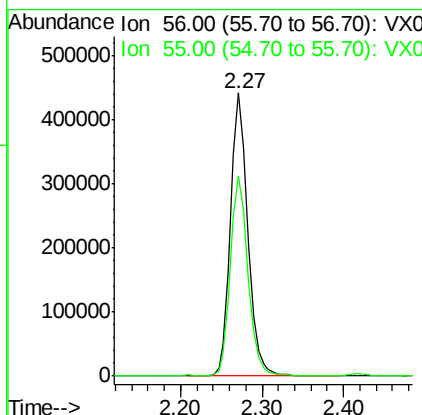
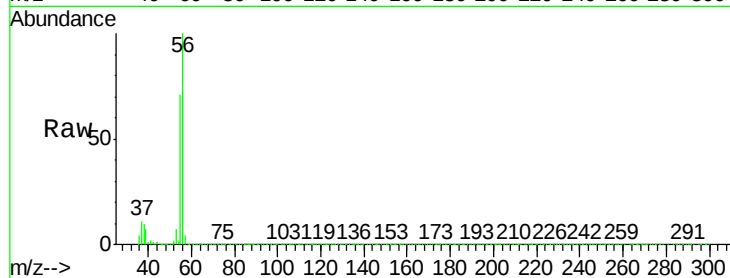
#13
Acrolein
Concen: 278.837 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.0	85.4

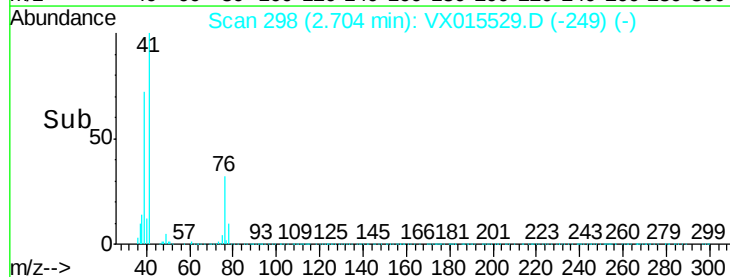
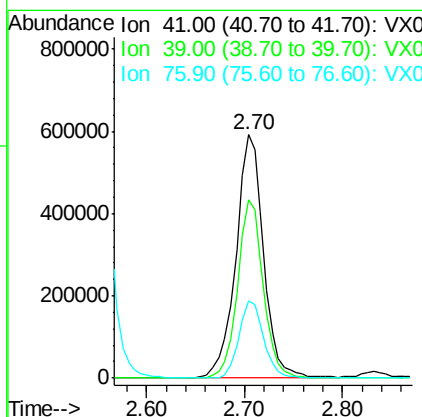
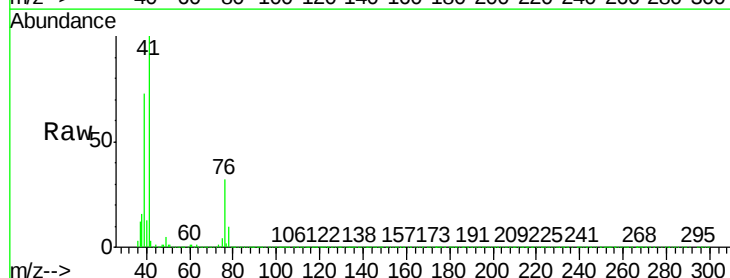
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#14
Allyl chloride
Concen: 43.850 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.0	51.4	77.0
76	28.4	21.8	32.8





#15

Acrylonitrile

Concen: 205.273 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1575368

Ion Ratio Lower Upper

53 100

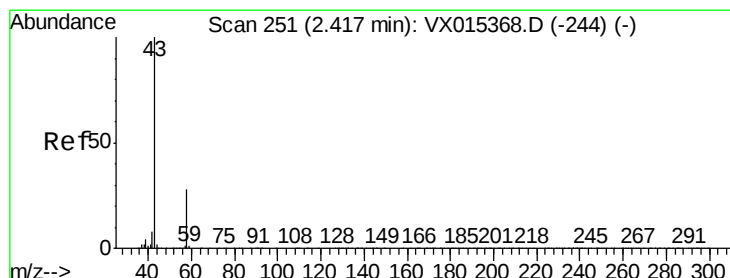
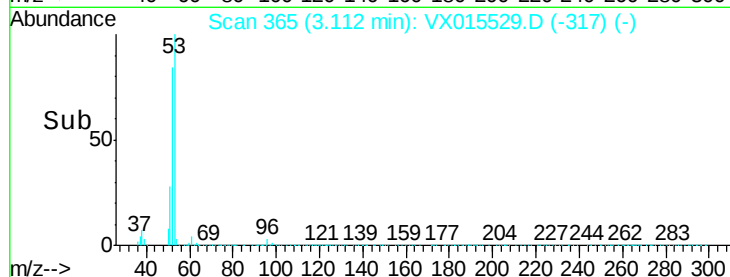
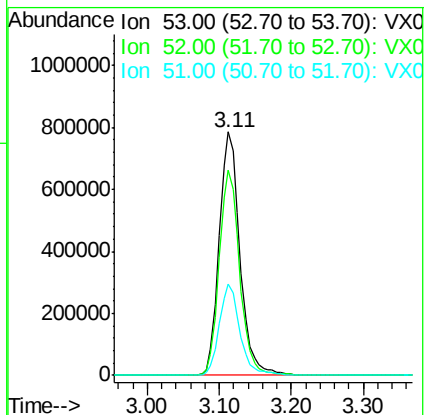
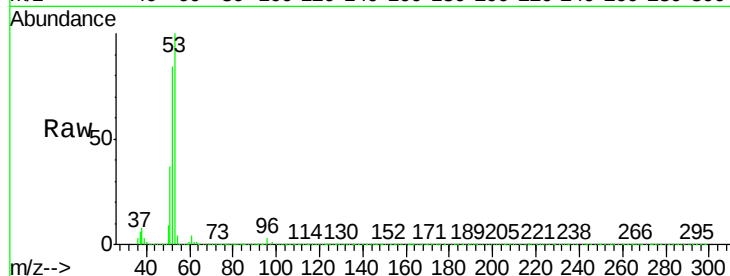
52 83.3 66.8 100.2

51 37.1 29.5 44.3

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#16

Acetone

Concen: 208.251 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015529.D

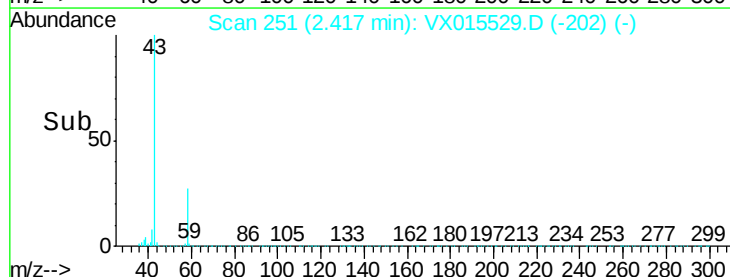
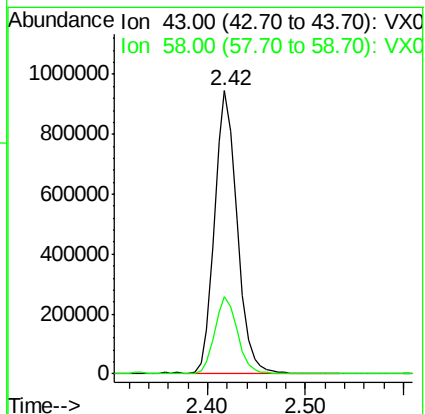
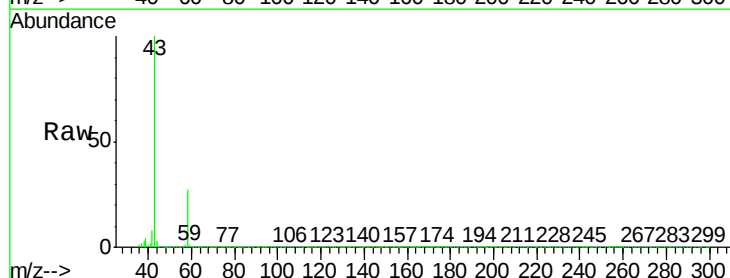
Acq: 07 Apr 2020 10:51

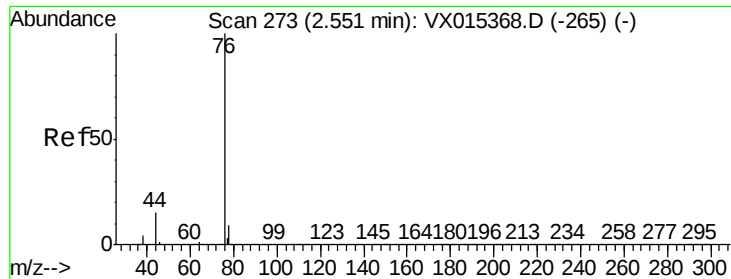
Tgt Ion: 43 Resp: 1504231

Ion Ratio Lower Upper

43 100

58 27.3 22.1 33.1





#17

Carbon Disulfide

Concen: 43.296 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1486430

Ion Ratio Lower Upper

76 100

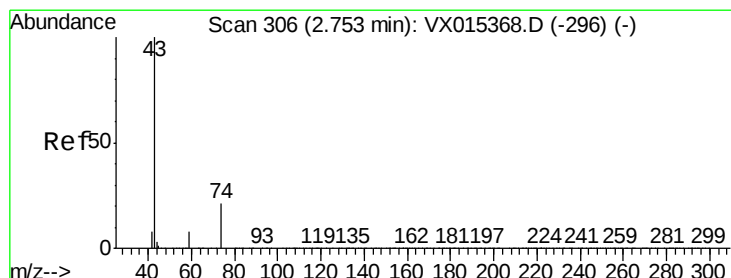
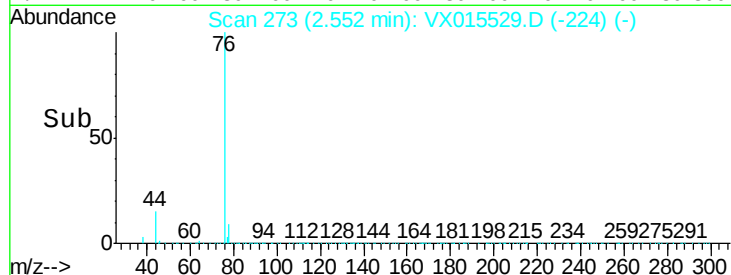
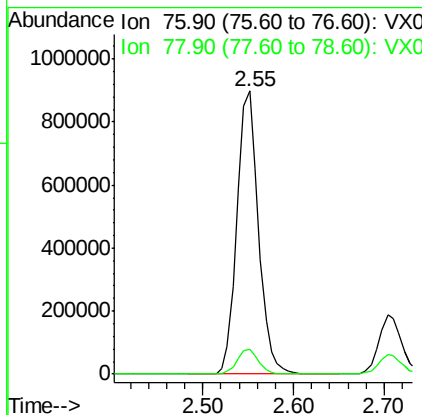
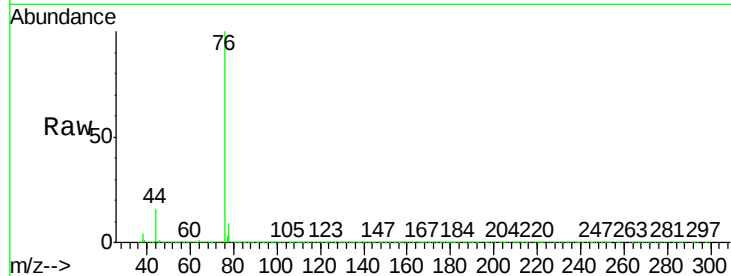
78 8.6 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 41.117 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015529.D

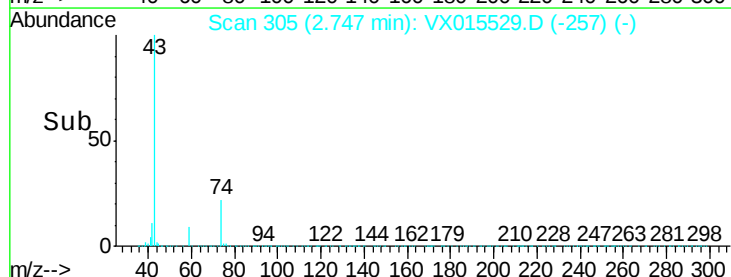
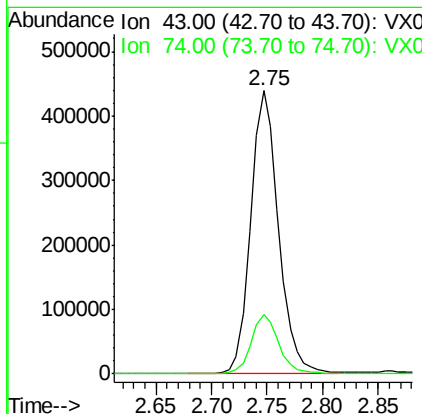
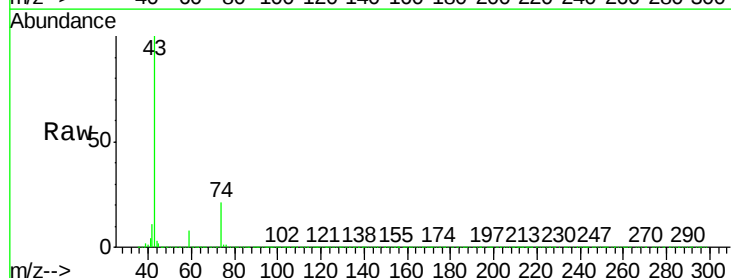
Acq: 07 Apr 2020 10:51

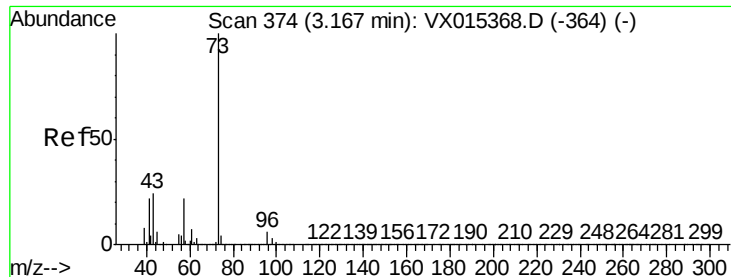
Tgt Ion: 43 Resp: 758008

Ion Ratio Lower Upper

43 100

74 21.1 16.5 24.7





#19

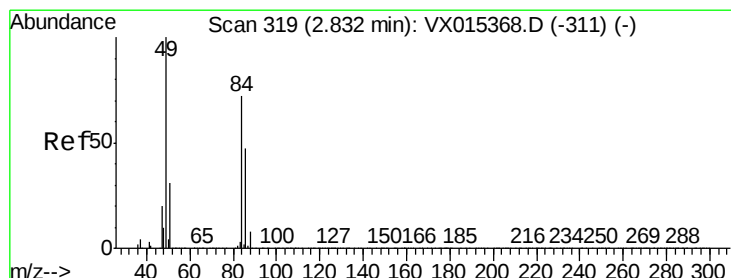
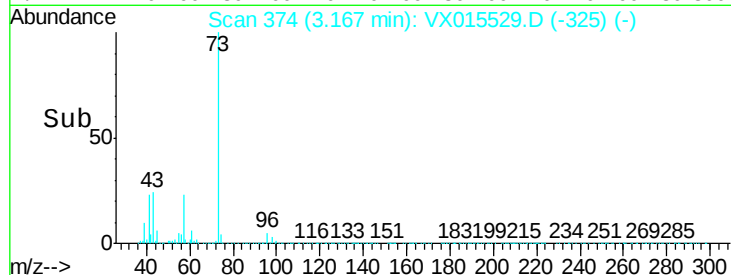
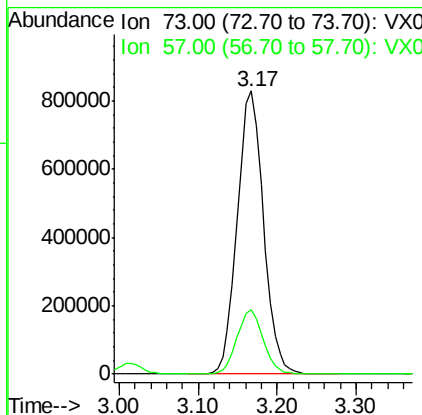
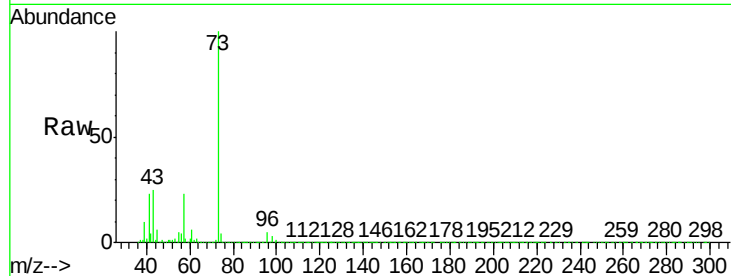
Methyl tert-butyl Ether
Concen: 44.112 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1925455
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

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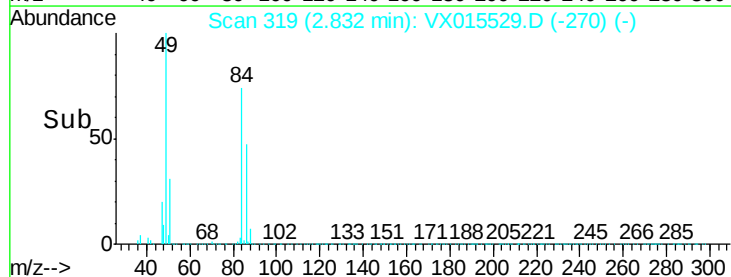
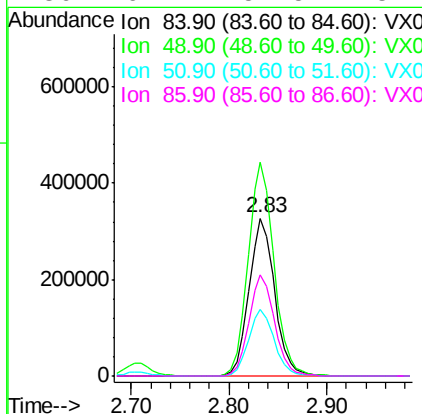
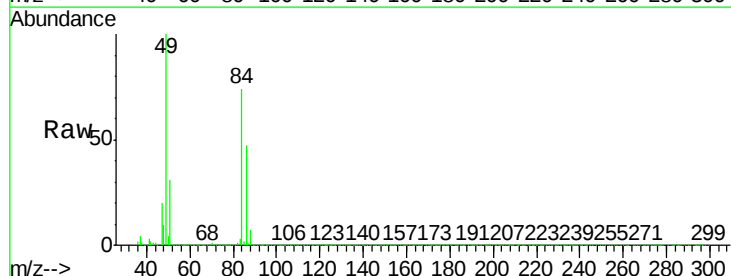
MMDadoda
4/8/2020 11:12:01 AM



#20

Methylene Chloride
Concen: 43.891 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion: 84 Resp: 592175
Ion Ratio Lower Upper
84 100
49 135.1 111.3 166.9
51 42.2 34.0 51.0
86 64.1 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.499 ug/l

RT: 3.14 min Scan# 369

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

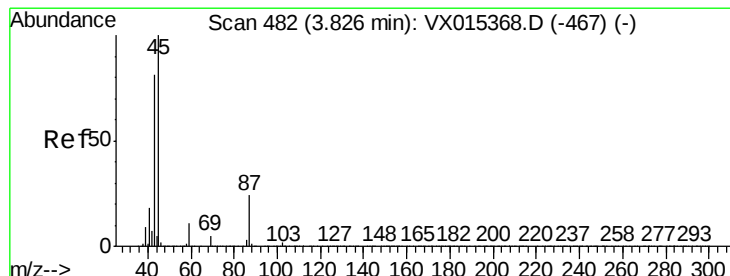
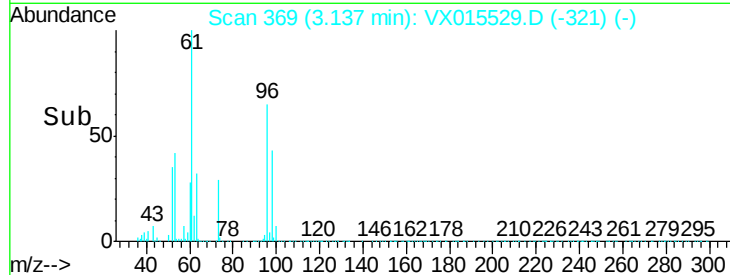
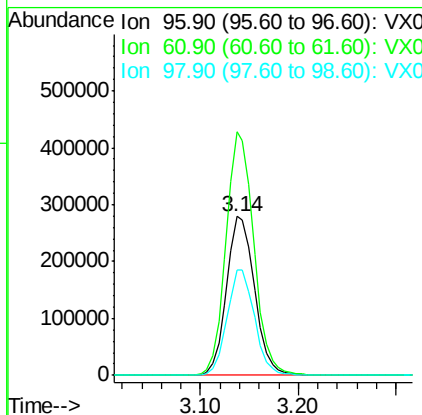
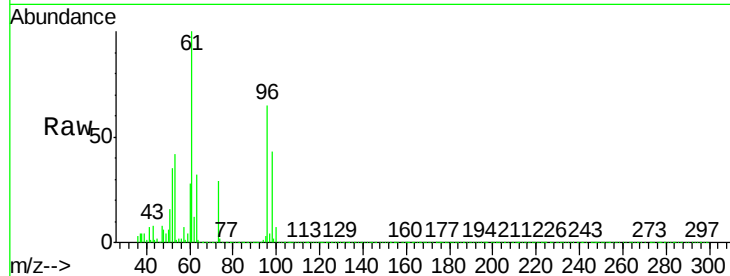
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	555803
Ion	Ratio	Lower	Upper
96	100		
61	153.1	116.9	175.3
98	66.1	48.6	73.0

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#22

Diisopropyl ether

Concen: 45.798 ug/l

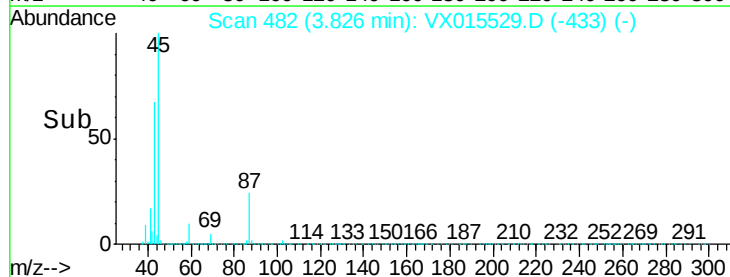
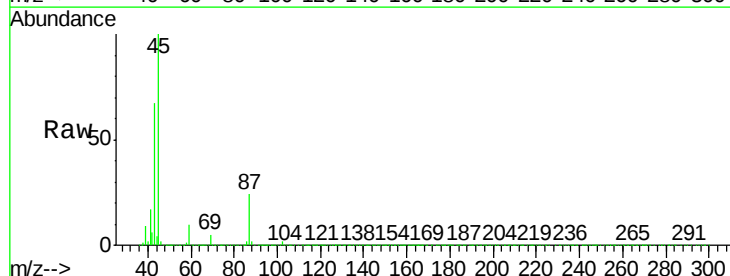
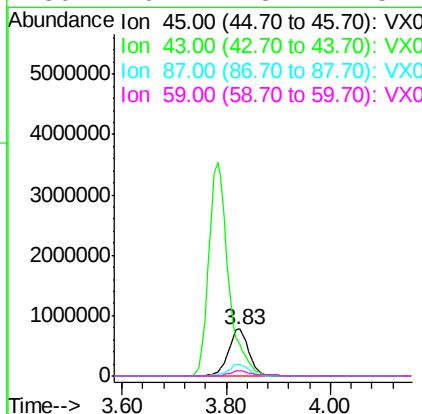
RT: 3.83 min Scan# 482

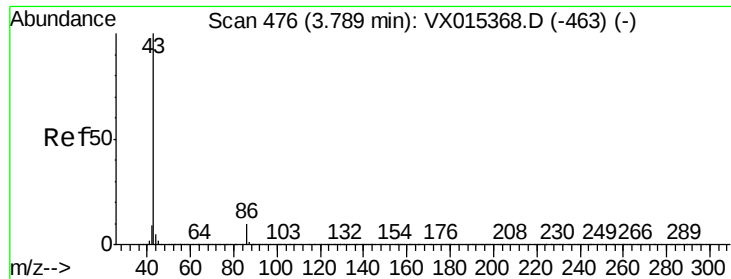
Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tgt Ion:	45	Resp:	2134071
Ion	Ratio	Lower	Upper
45	100		
43	67.2	64.7	97.1
87	24.3	19.4	29.0
59	10.4	8.7	13.1





#23

Vinyl Acetate

Concen: 219.189 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 9247524

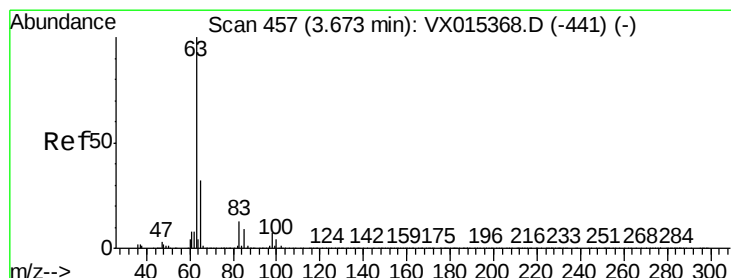
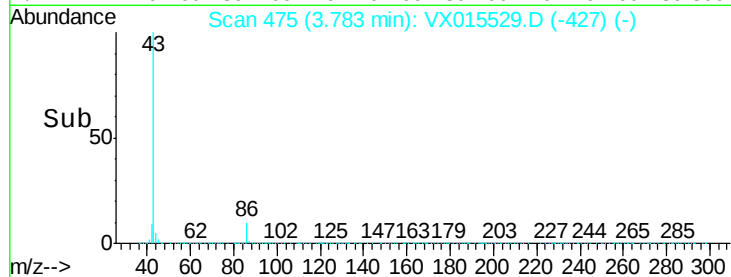
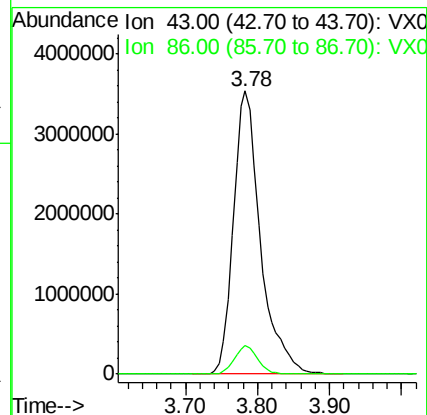
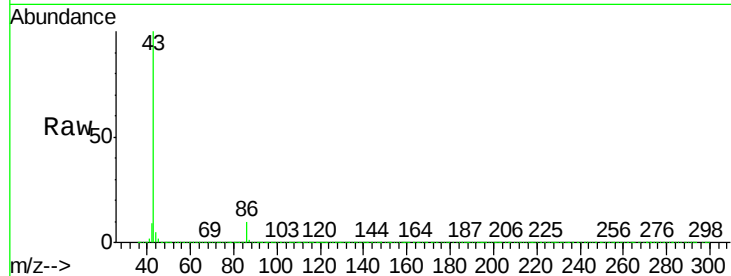
Ion Ratio Lower Upper

43 100

86 10.0 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 44.332 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

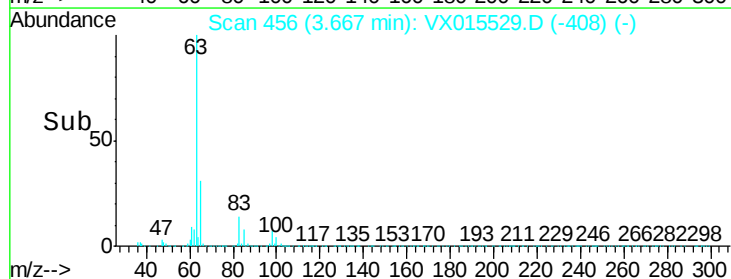
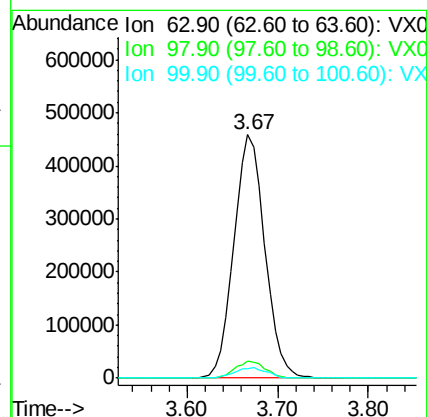
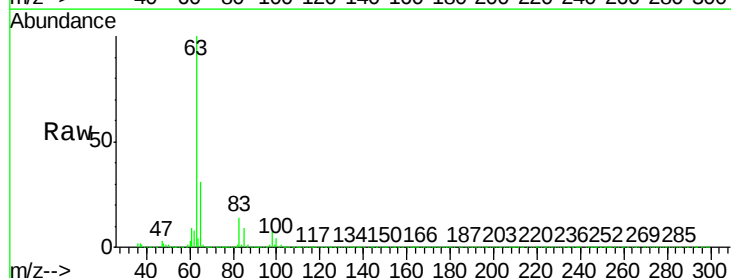
Tgt Ion: 63 Resp: 1087663

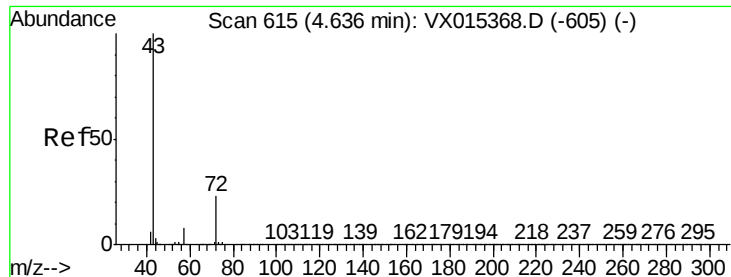
Ion Ratio Lower Upper

63 100

98 6.7 3.3 9.8

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 199.403 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tot Ion: 43 Resp: 2316335

Ion Ratio Lower Upper

43 100

72 22.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

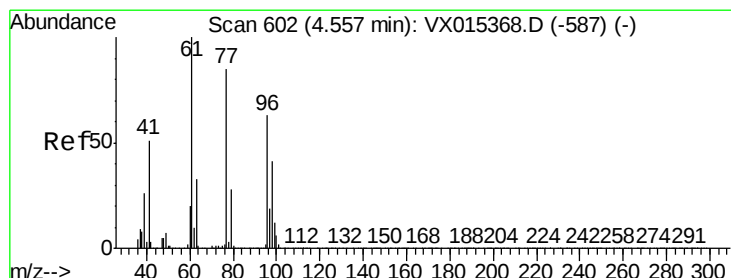
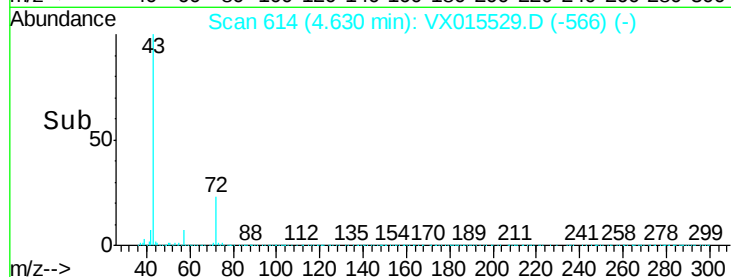
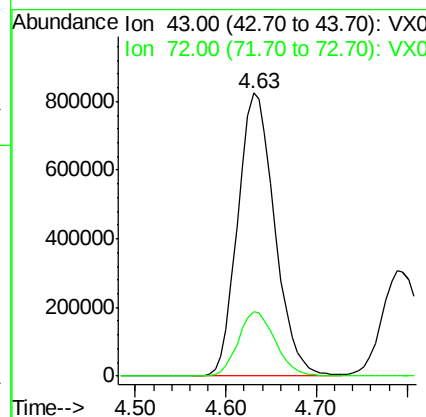
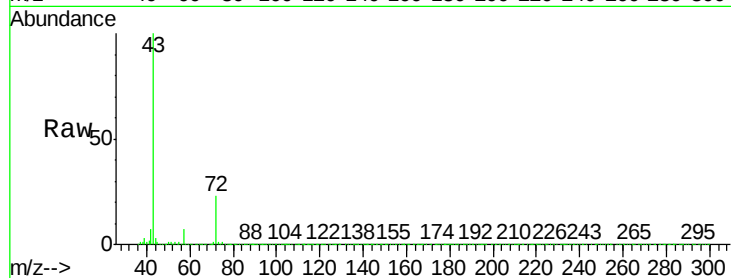
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 50.611 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015529.D

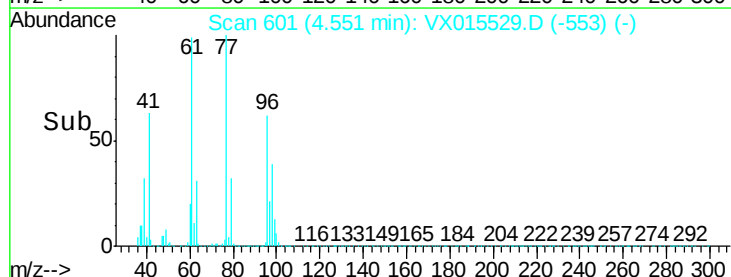
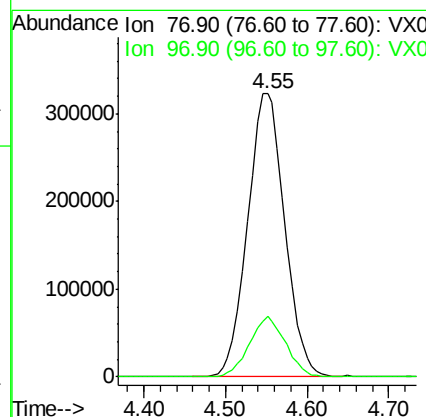
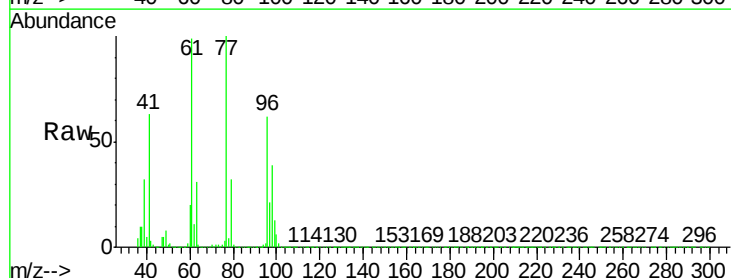
Acq: 07 Apr 2020 10:51

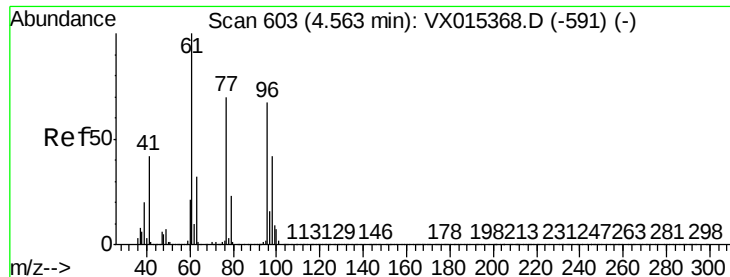
Tgt Ion: 77 Resp: 1019222

Ion Ratio Lower Upper

77 100

97 20.9 11.3 33.8





#27

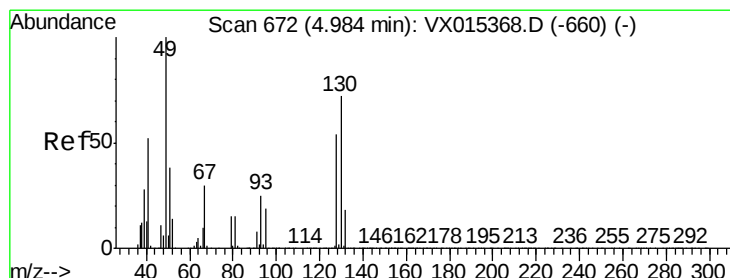
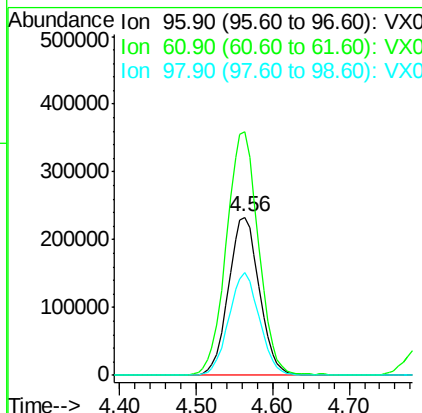
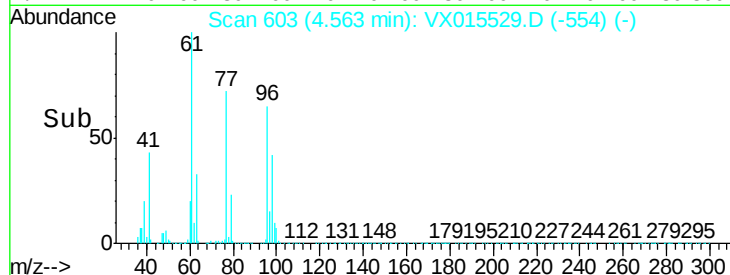
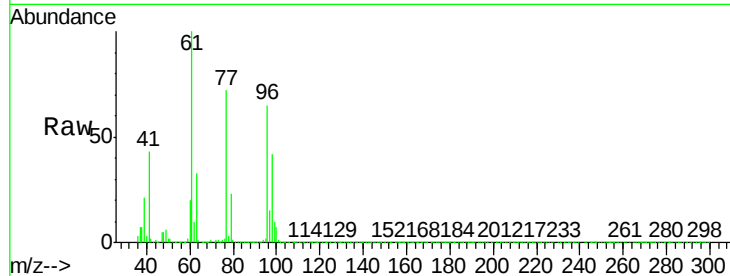
cis-1,2-Dichloroethene
Concen: 45.149 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	159.7	0.0	308.4	
98	64.2	0.0	129.2	

Manual Integrations
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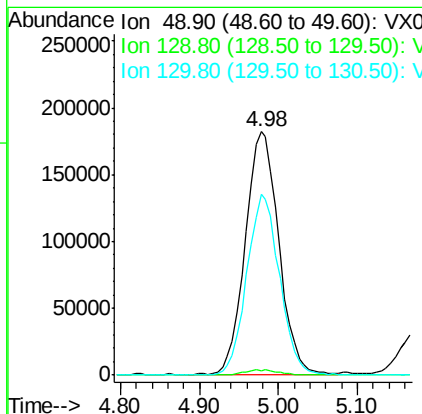
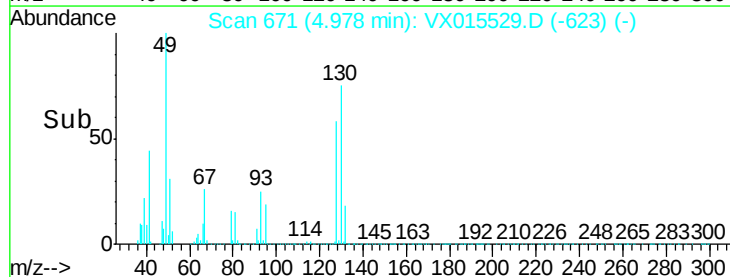
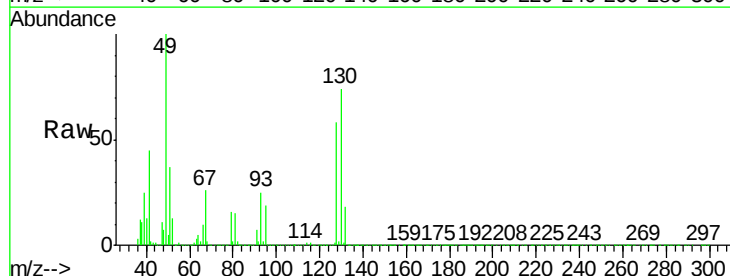
MMDadoda
4/8/2020 11:12:01 AM

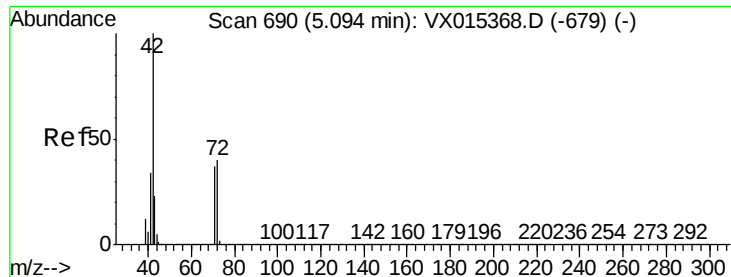


#28

Bromochloromethane
Concen: 46.189 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	72.0	57.7	86.5	





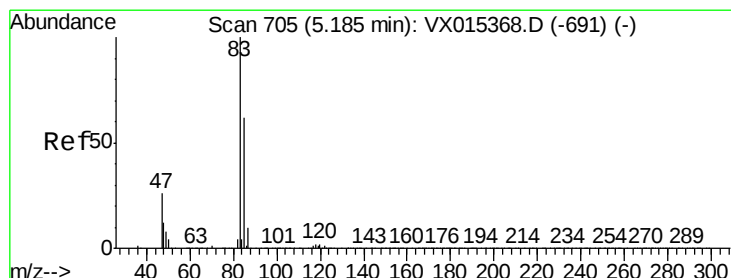
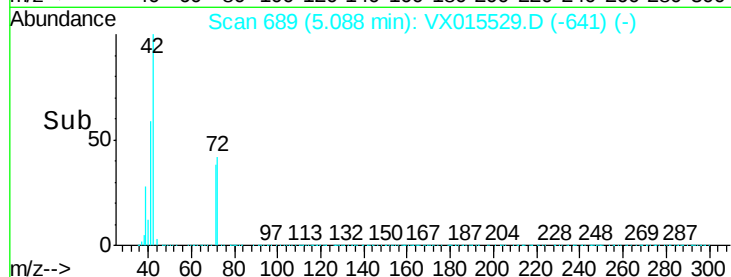
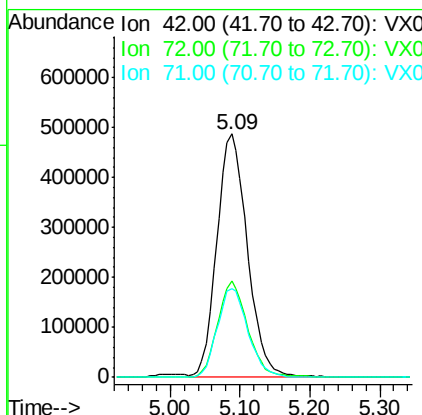
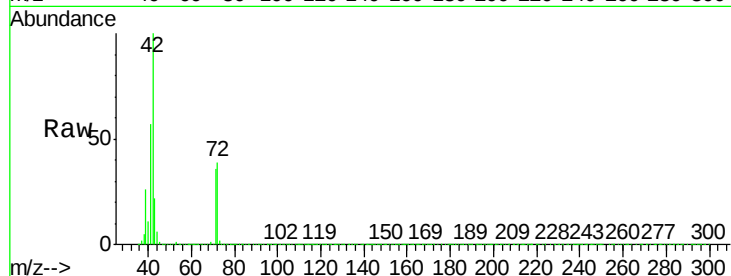
#29
Tetrahydrofuran
Concen: 196.353 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	31.7	47.5
71	36.8	29.6	44.4

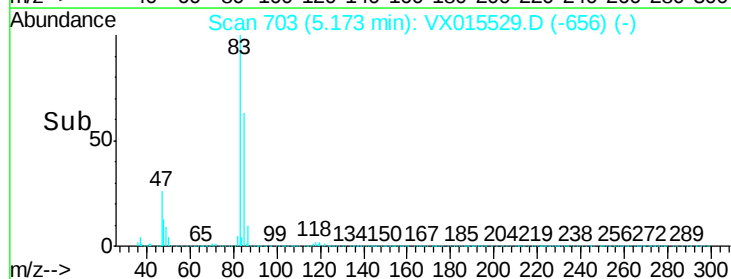
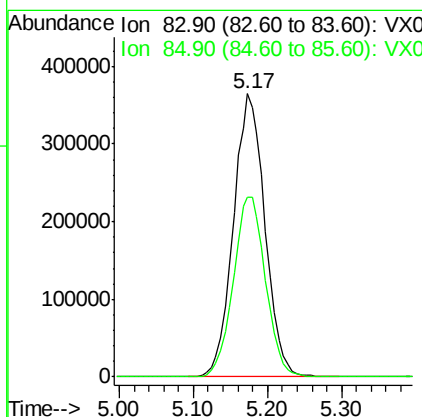
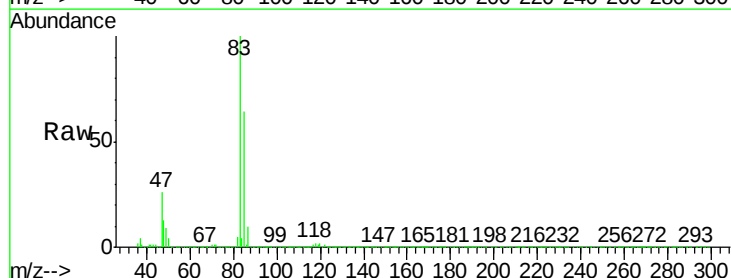
Manual Integrations
APPROVED

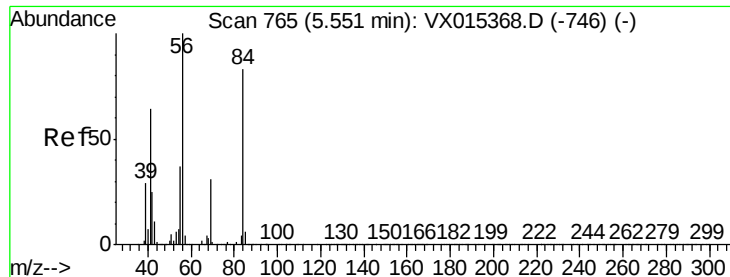
MMDadoda
4/8/2020 11:12:01 AM



#30
Chloroform
Concen: 45.460 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	49.5	74.3





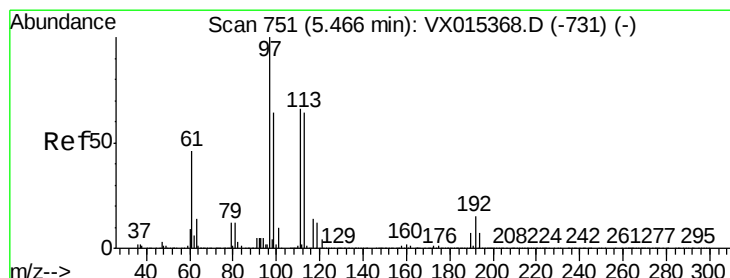
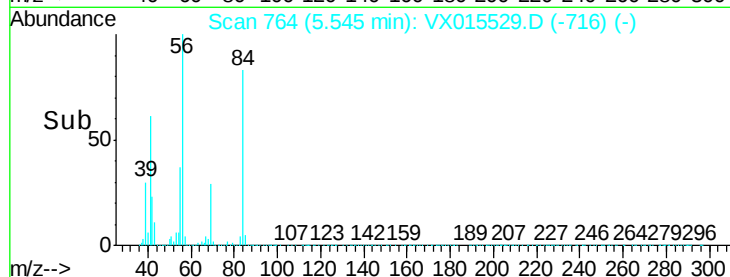
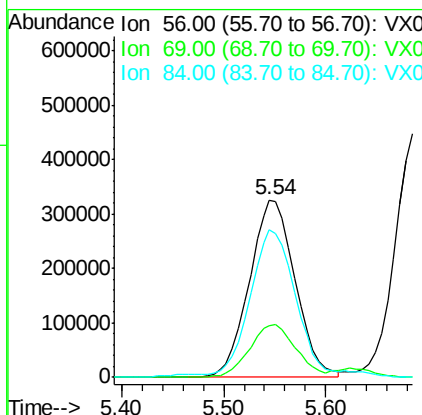
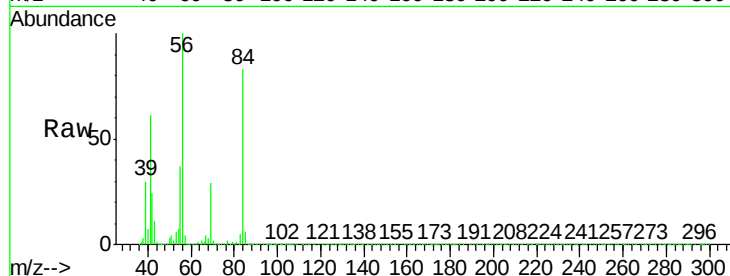
#31
Cvclohexane
Concen: 47.298 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.6	36.8
84	81.4	66.1	99.1

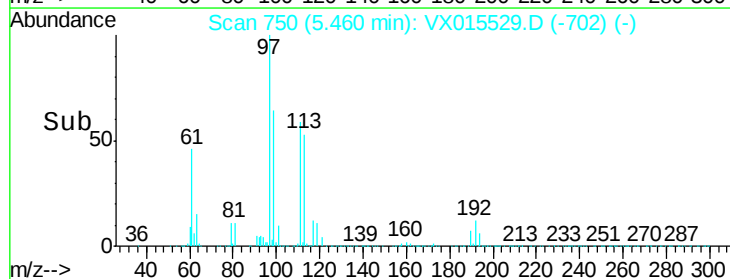
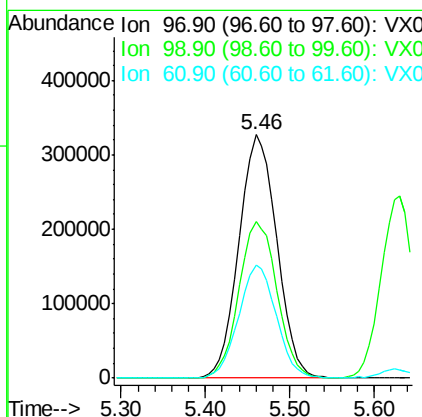
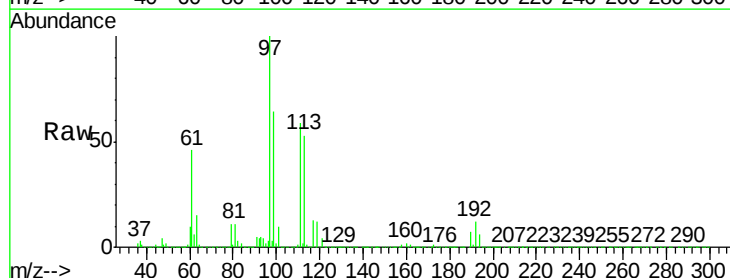
Manual Integrations
APPROVED

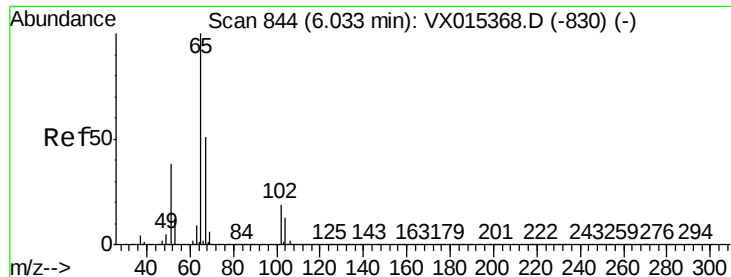
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 46.657 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	45.9	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 43.711 ug/l

RT: 6.03 min Scan# 843

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 734907

Ion Ratio Lower Upper

65 100

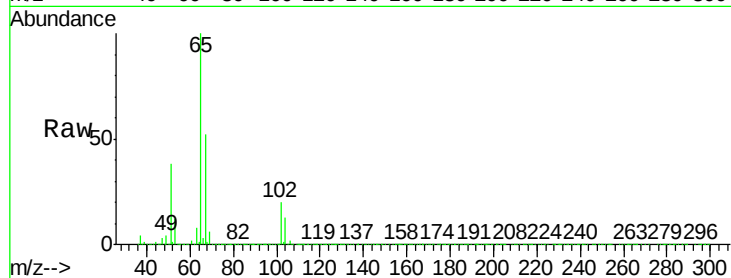
67 50.3 0.0 102.6

Manual Integrations

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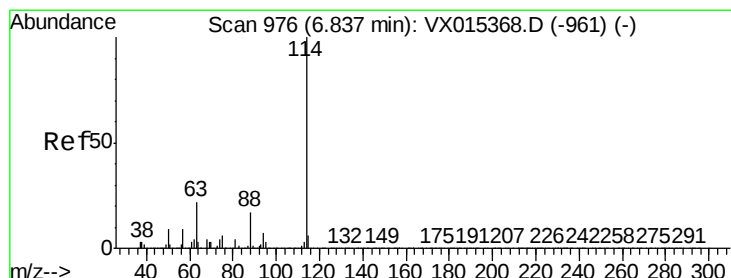
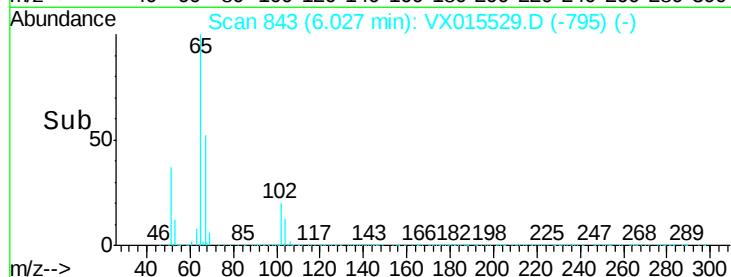
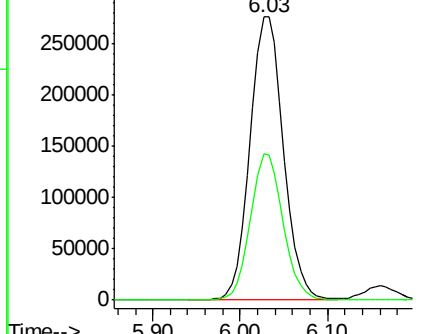
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

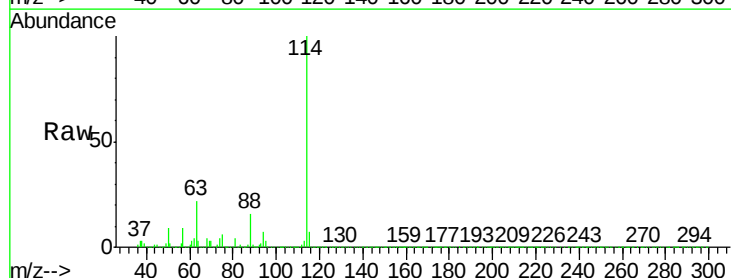
Tgt Ion: 114 Resp: 1796538

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

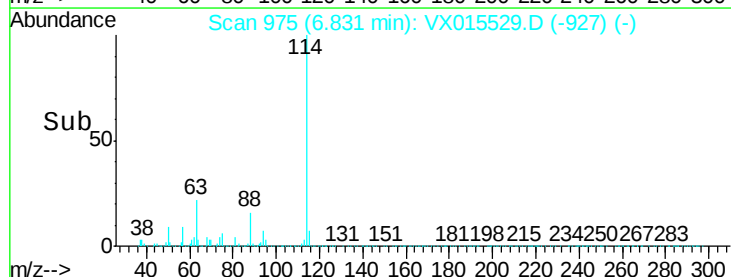
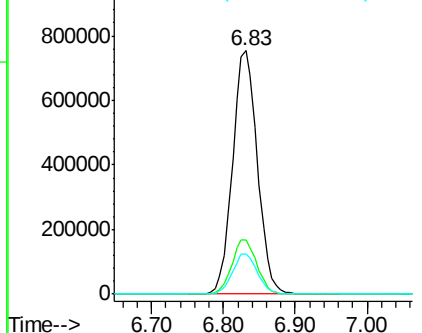
88 16.4 0.0 33.8

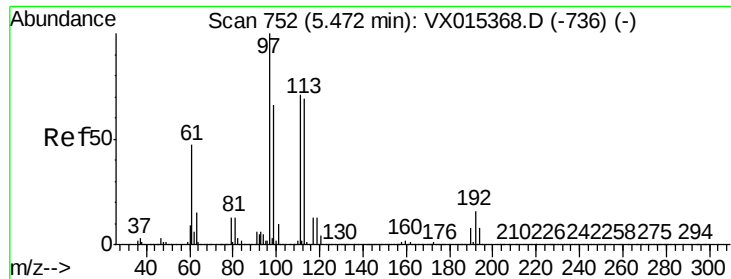


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





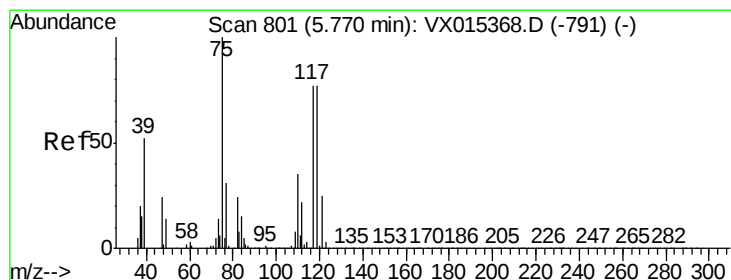
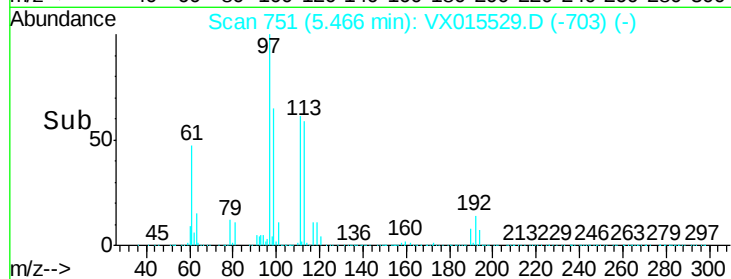
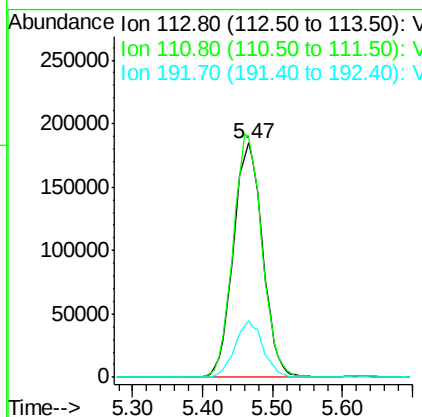
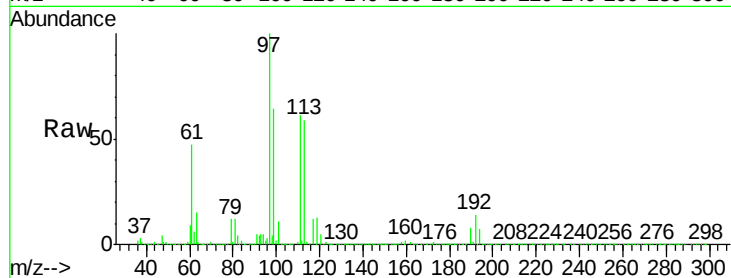
#35
 Dibromofluoromethane
 Concen: 46.683 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	536104		
111	102.2	81.5	122.3	
192	23.0	17.8	26.6	

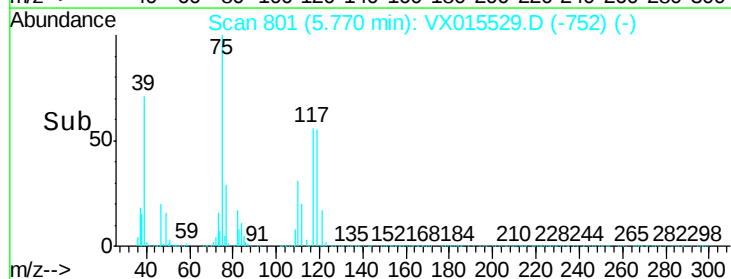
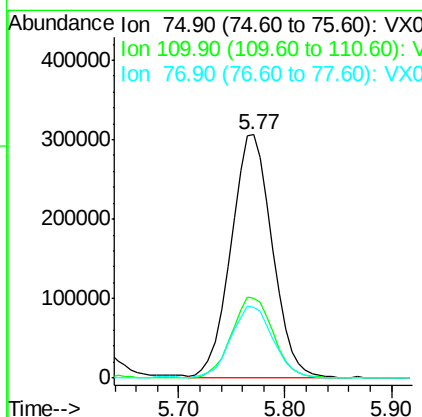
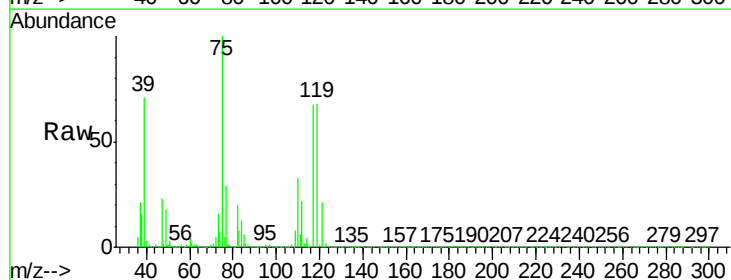
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 50.014 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	827893		
110	33.9	17.1	51.3	
77	30.3	24.6	36.8	





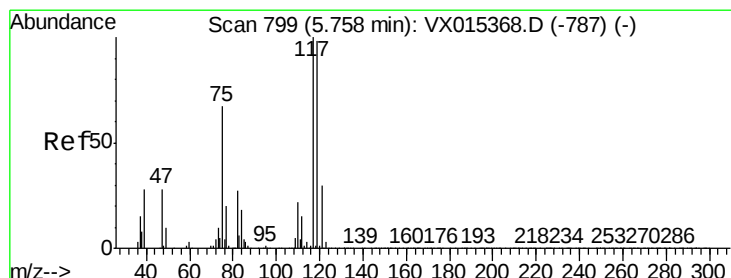
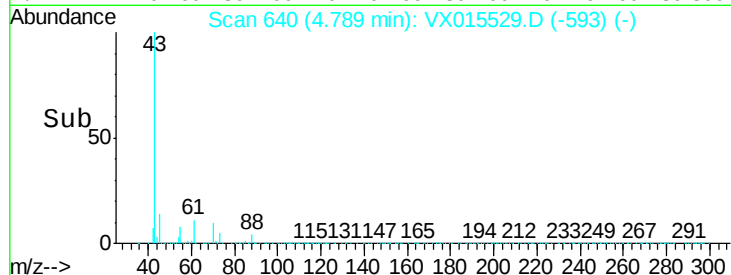
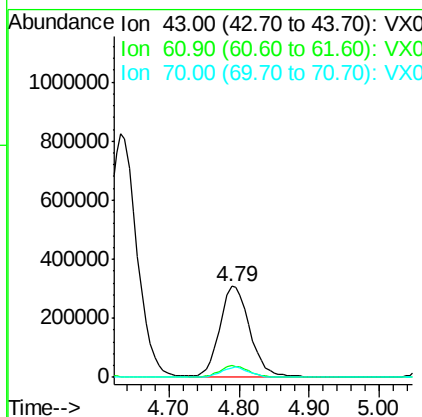
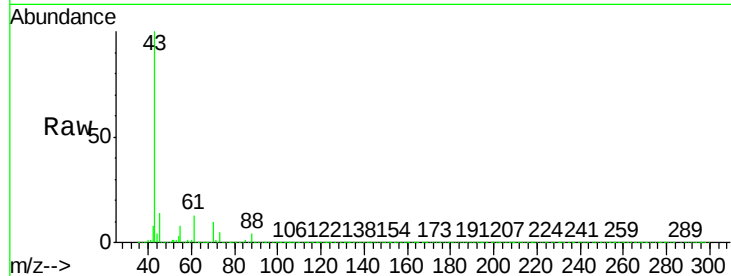
#37
Ethyl Acetate
Concen: 42.527 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:	43	Resp:	916597
Ion	Ratio	Lower	Upper
43	100		
61	12.2	9.9	14.9
70	10.1	8.1	12.1

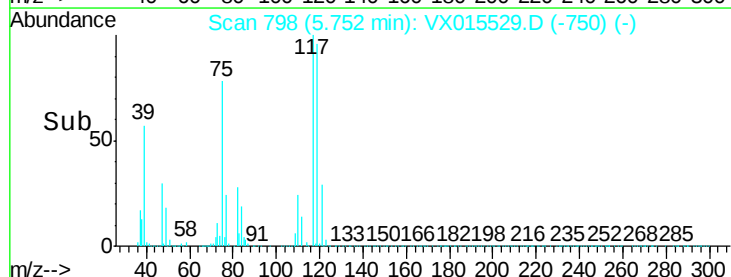
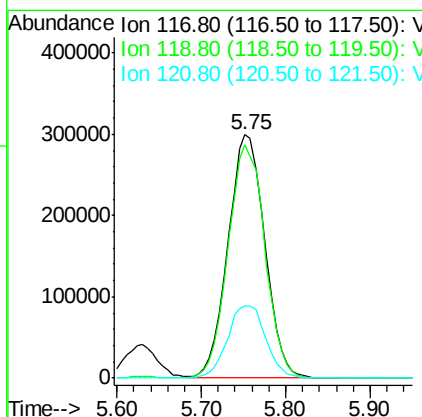
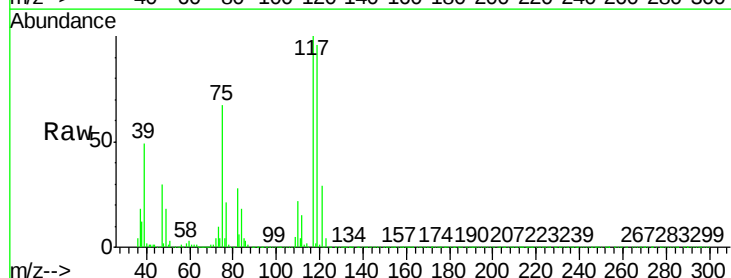
Manual Integrations
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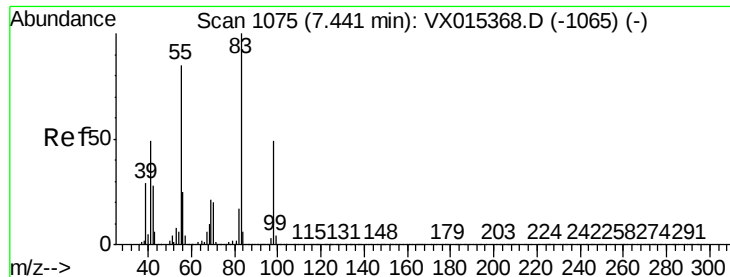
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#38
Carbon Tetrachloride
Concen: 49.304 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion:	117	Resp:	883951
Ion	Ratio	Lower	Upper
117	100		
119	95.7	78.0	117.0
121	29.3	23.8	35.8





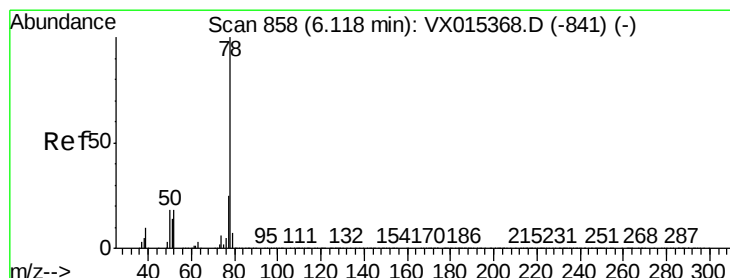
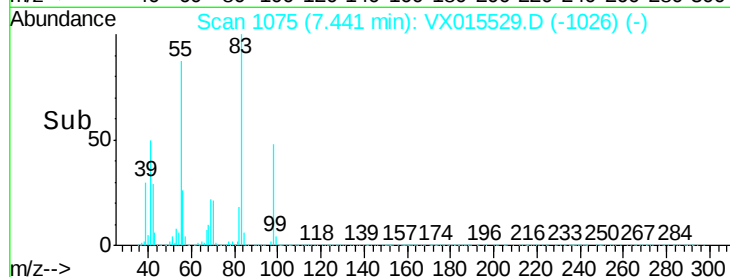
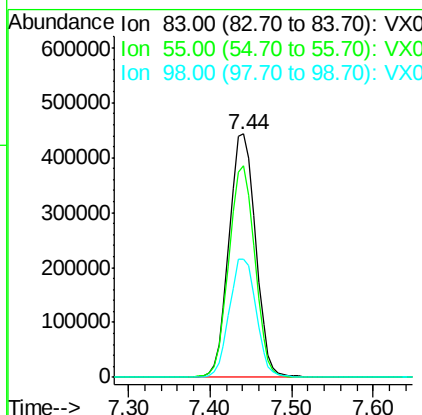
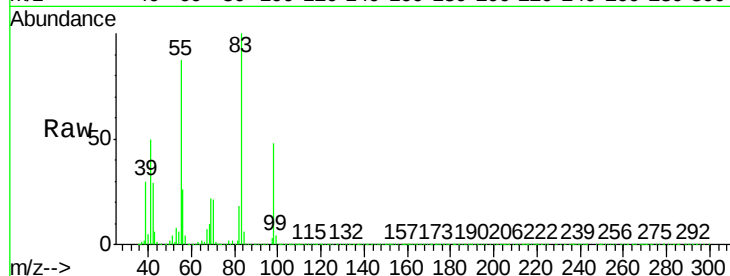
#39
Methvlcvclohexane
Concen: 52.085 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.0	67.8	101.6
98	48.3	39.3	58.9

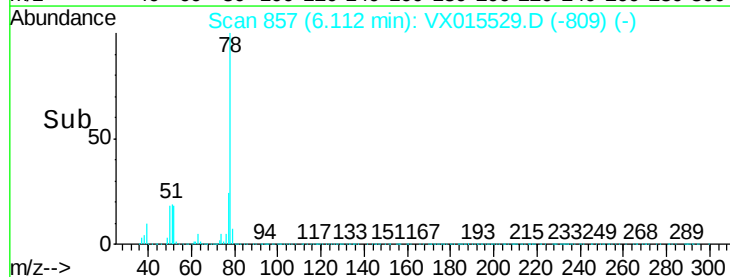
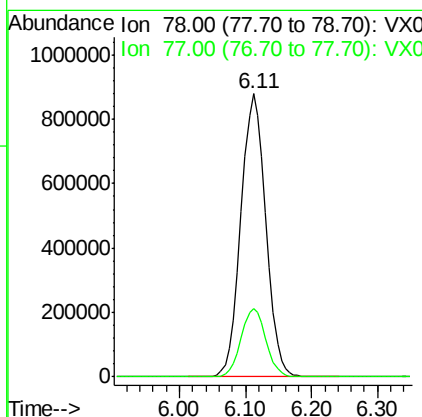
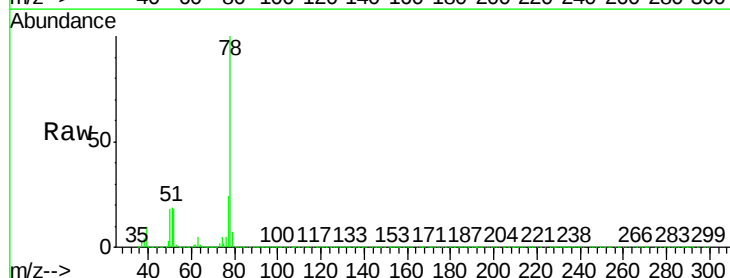
Manual Integrations
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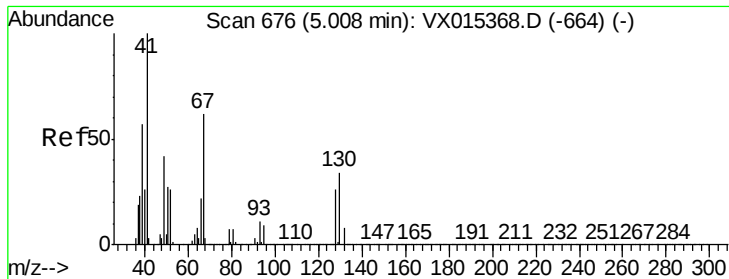
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#40
Benzene
Concen: 47.508 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.8	29.8





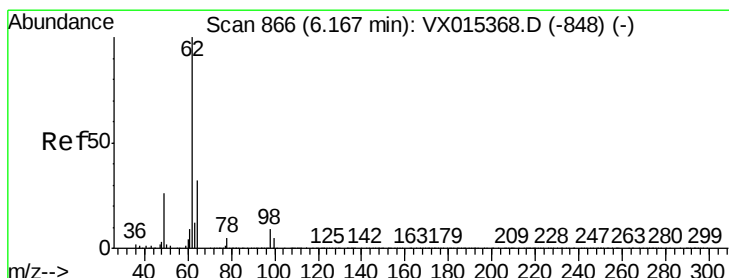
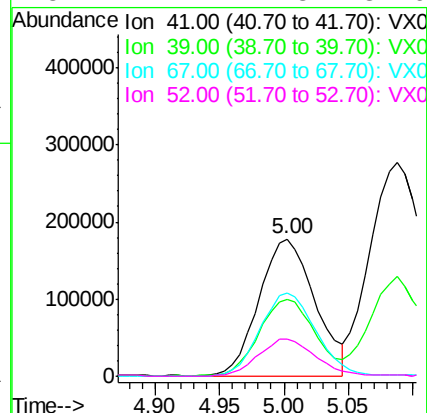
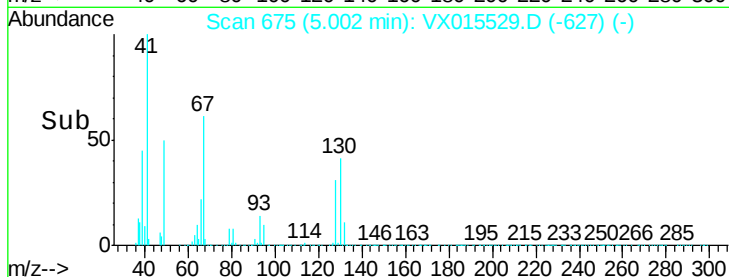
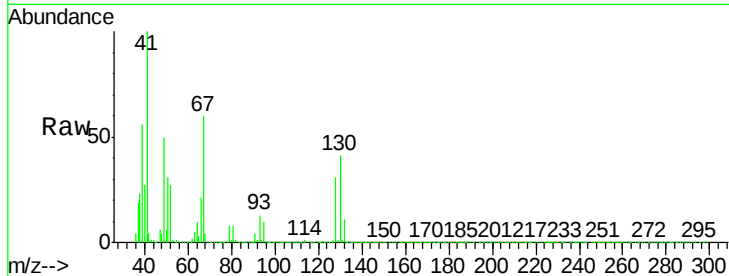
#41
Methacrylonitrile
Concen: 44.704 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	44.5	66.7	
67	61.4	48.9	73.3	
52	27.2	21.8	32.6	

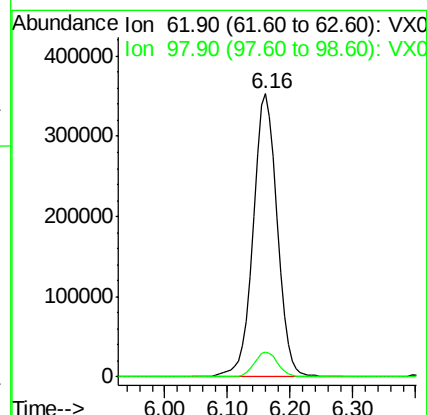
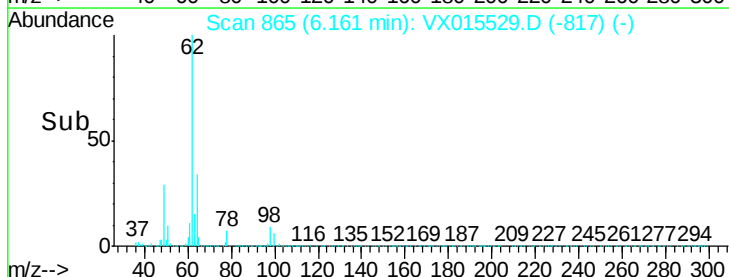
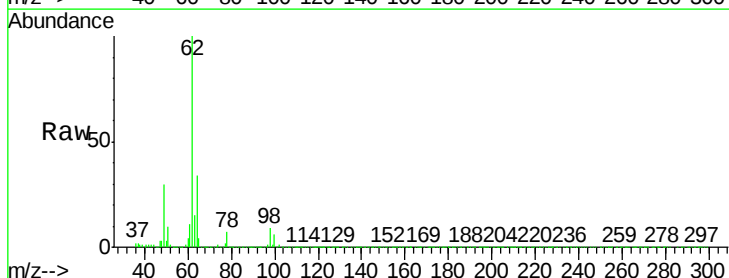
Manual Integrations
APPROVED

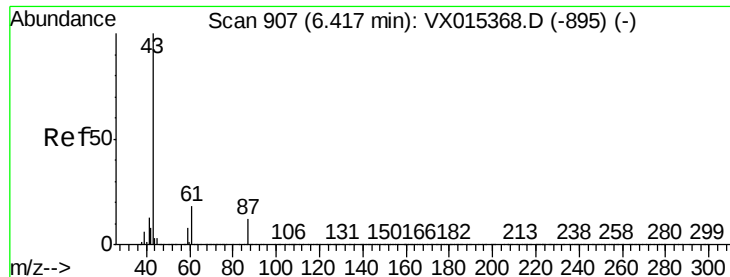
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.199 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.6	0.0	17.6	





#43

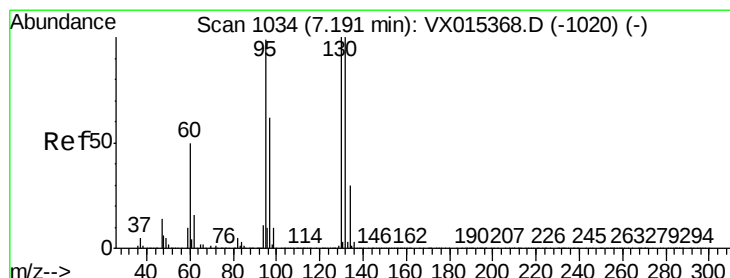
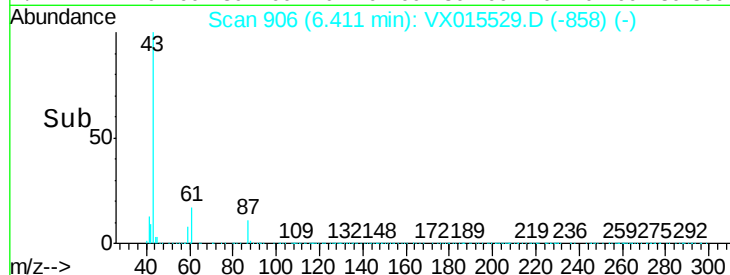
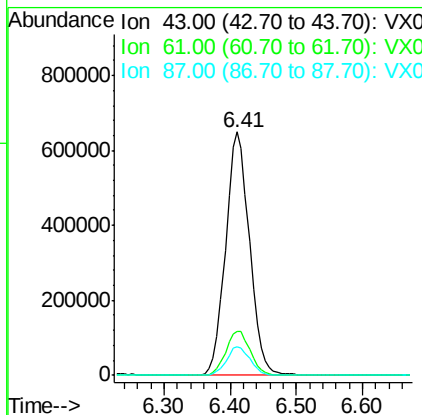
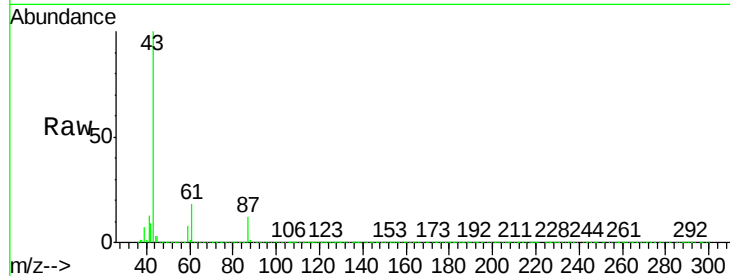
Isopropyl Acetate
 Concen: 44.518 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.8	22.2
87	11.8	9.4	14.0

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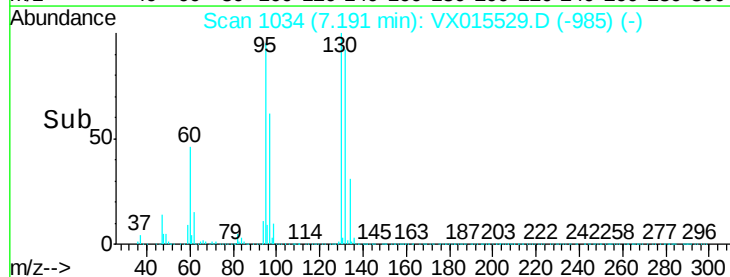
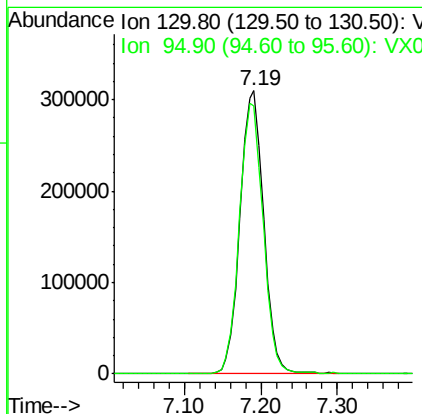
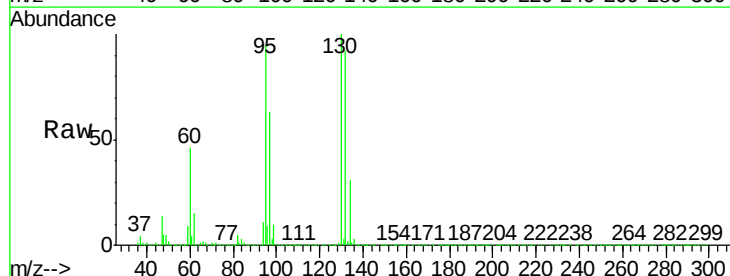
MMDadoda
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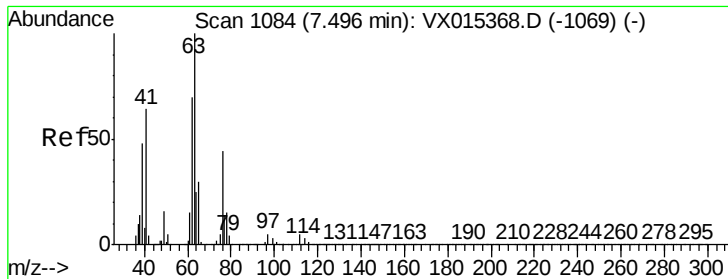


#44

Trichloroethene
 Concen: 50.142 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.8	0.0	199.0





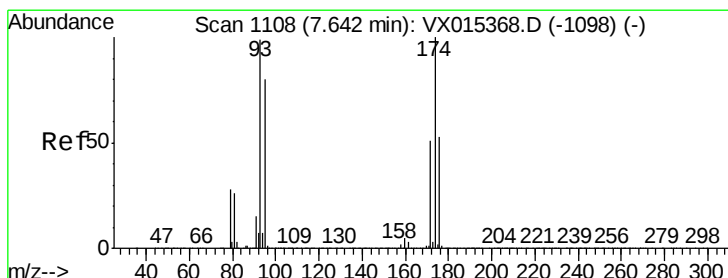
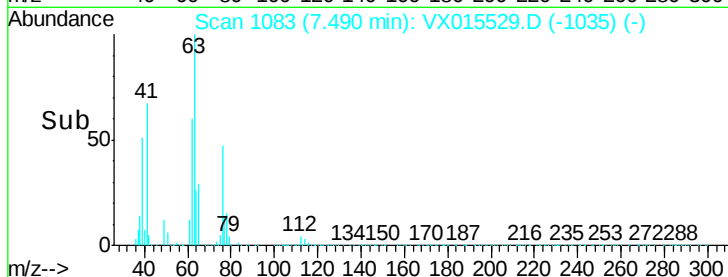
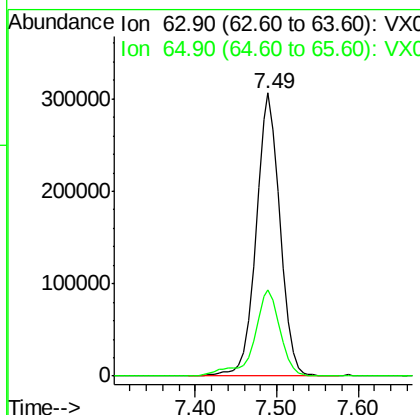
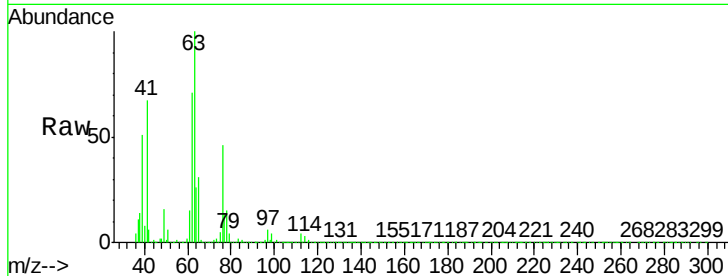
#45
 1,2-Dichloropropane
 Concen: 46.956 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.9	35.9

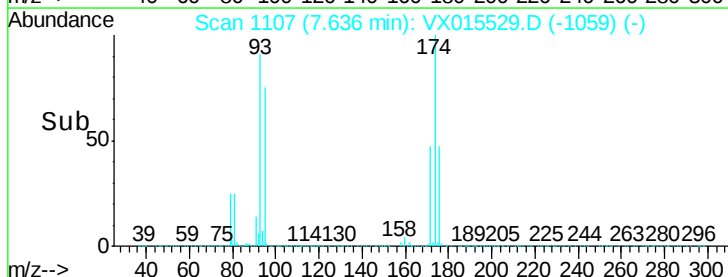
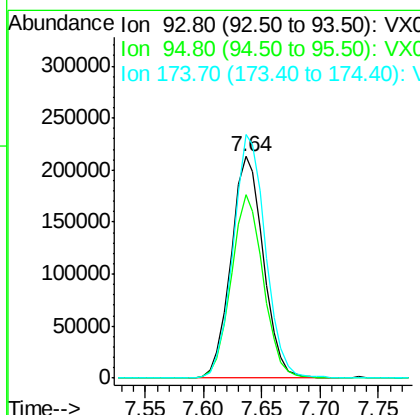
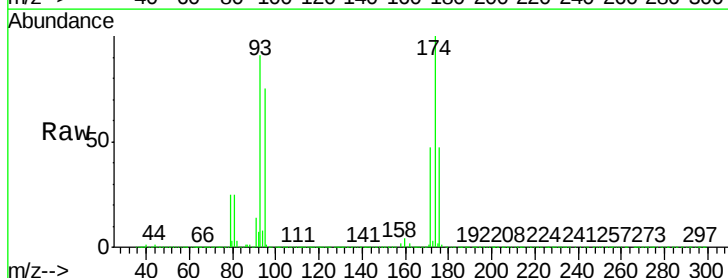
Manual Integrations
 APPROVED

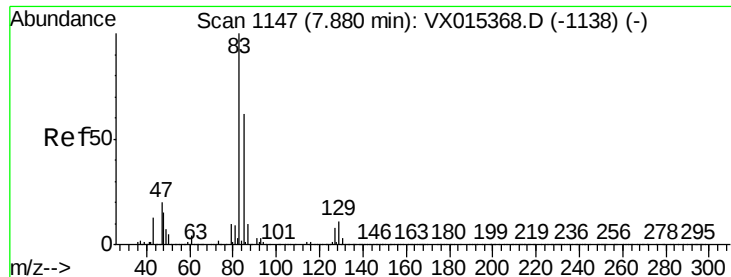
MMDadoda
 4/8/2020 11:12:01 AM



#46
 Dibromomethane
 Concen: 47.308 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	65.8	98.8
174	110.0	86.2	129.2





#47

Bromodichloromethane

Concen: 48.305 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

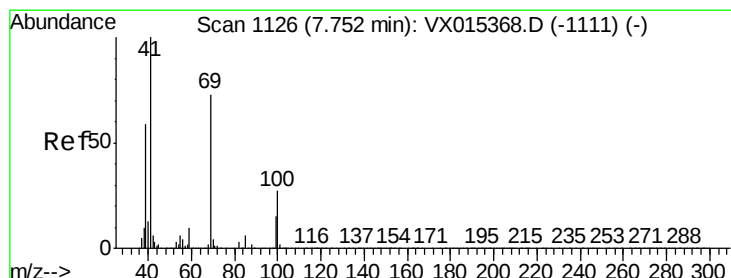
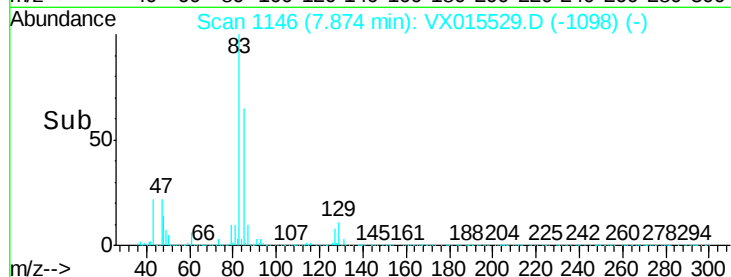
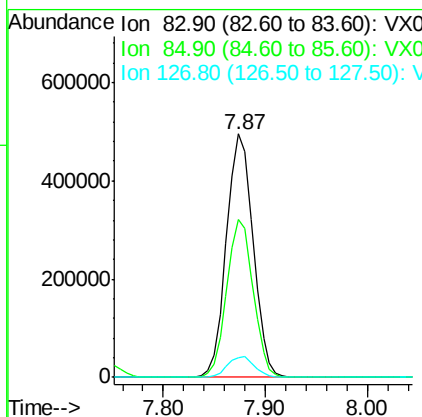
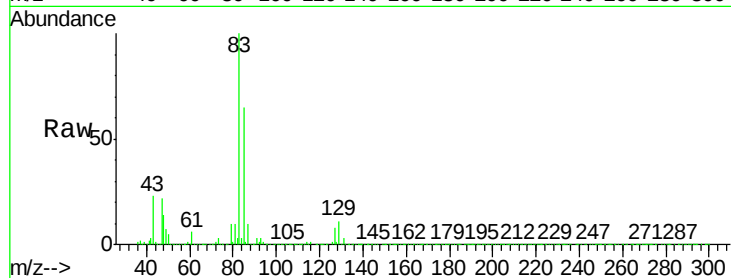
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	895604
Ion	Ratio	Lower	Upper
83	100		
85	64.9	49.7	74.5
127	8.1	6.7	10.1

Manual Integrations
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MMDadoda
4/8/2020 11:12:01 AM



#48

Methyl methacrylate

Concen: 44.792 ug/l

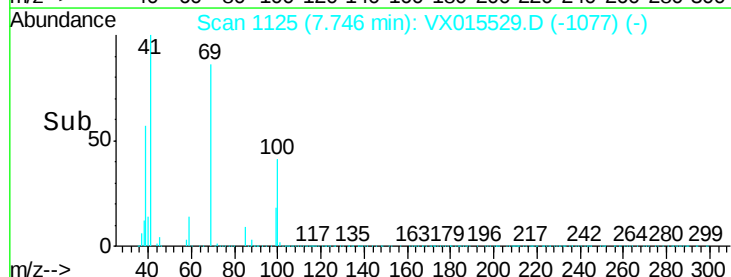
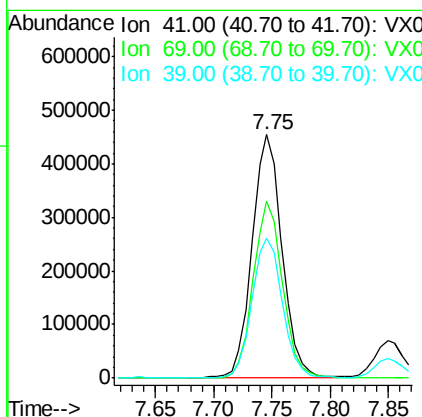
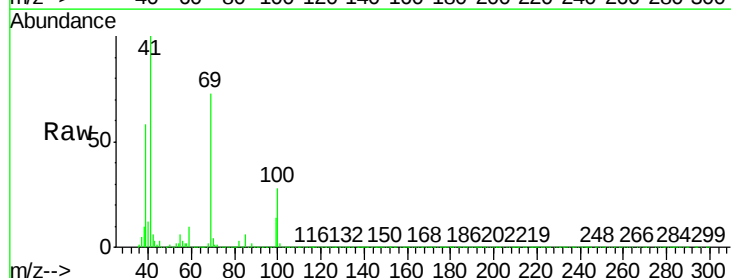
RT: 7.75 min Scan# 1125

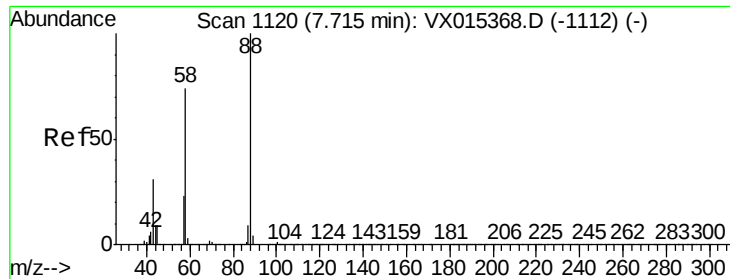
Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tgt Ion:	41	Resp:	814037
Ion	Ratio	Lower	Upper
41	100		
69	71.4	56.7	85.1
39	58.4	46.5	69.7





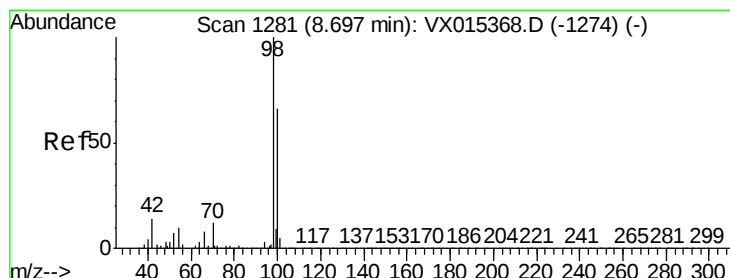
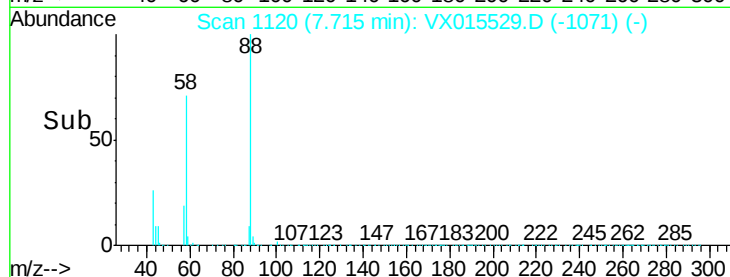
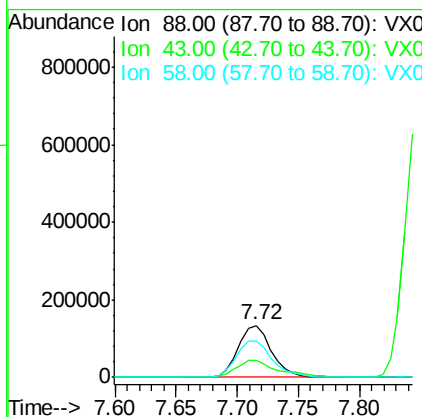
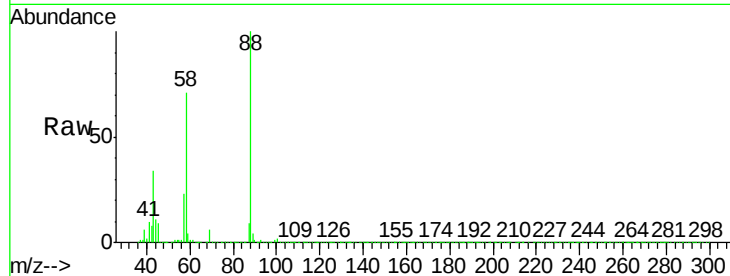
#49
1,4-Dioxane
Concen: 738.915 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
88	100	250512		
43	40.9		30.1	45.1
58	76.1		60.6	90.8

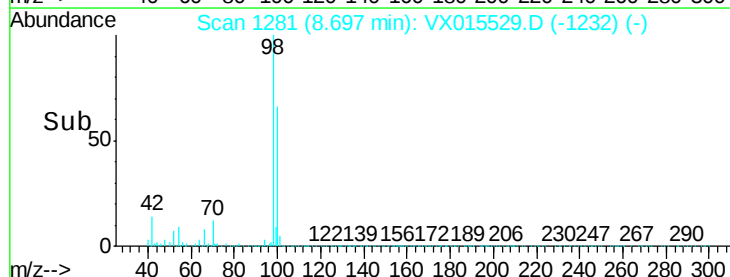
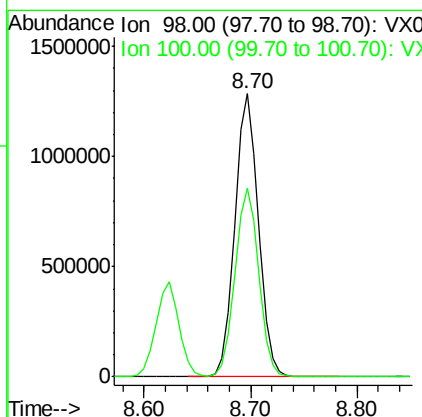
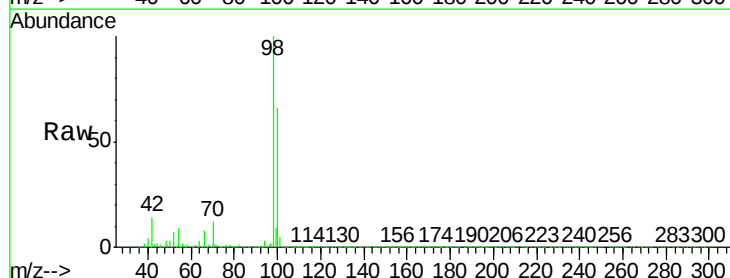
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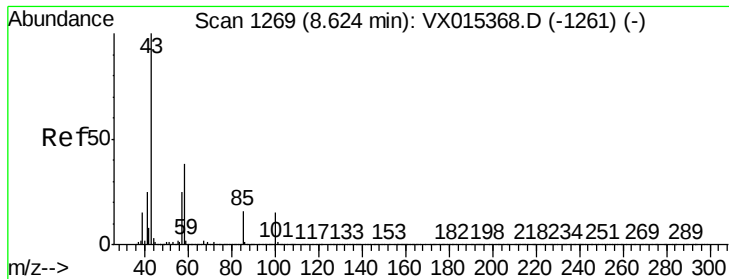
MMDadoda
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#50
Toluene-d8
Concen: 47.118 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	1992198		
100	67.2		53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 220.600 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tot Ion: 43 Resp: 4548711

Ion Ratio Lower Upper

43 100

58 36.7 29.7 44.5

Instrument :

MSVOA_X

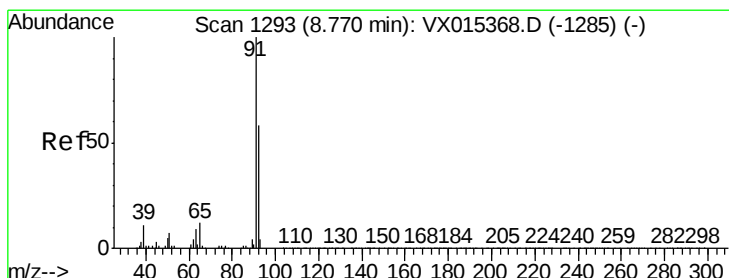
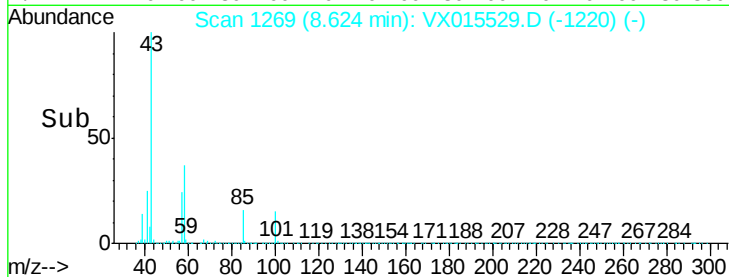
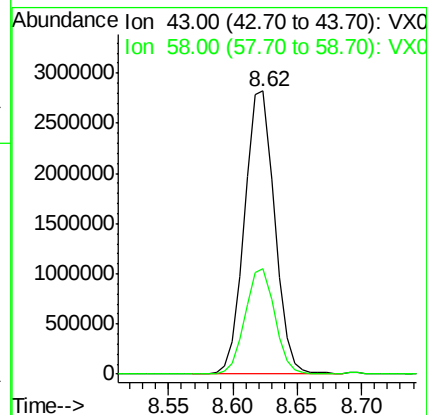
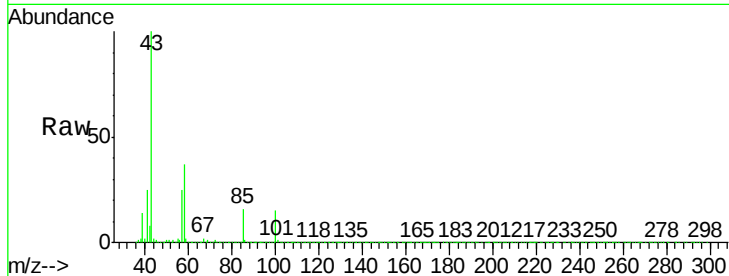
ClientSampleId :

VSTDCCC050

Manual Integrations
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#52

Toluene

Concen: 49.998 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015529.D

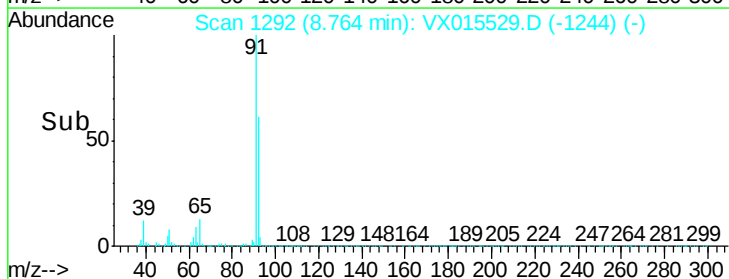
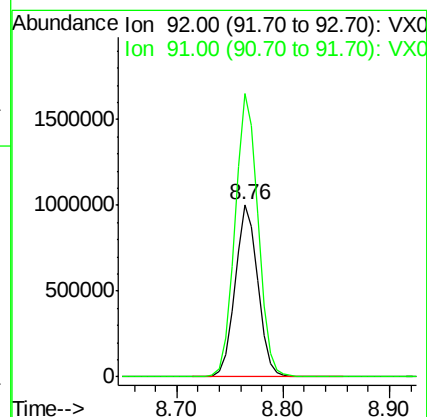
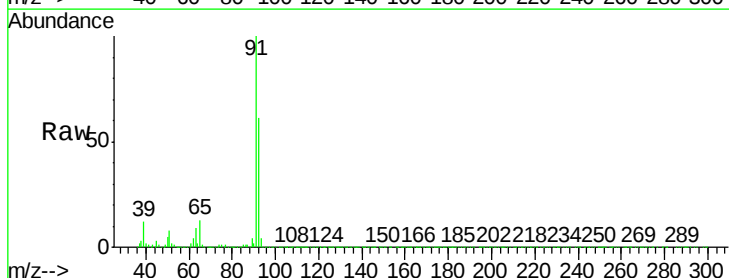
Acq: 07 Apr 2020 10:51

Tgt Ion: 92 Resp: 1494673

Ion Ratio Lower Upper

92 100

91 167.6 136.6 205.0





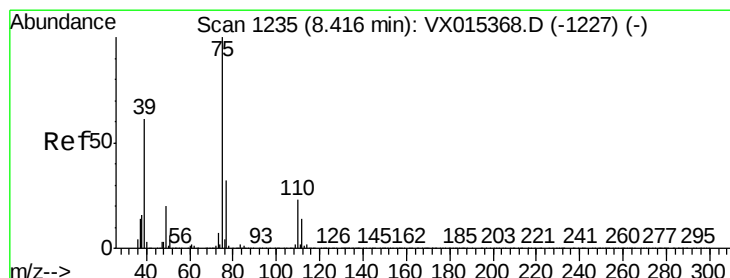
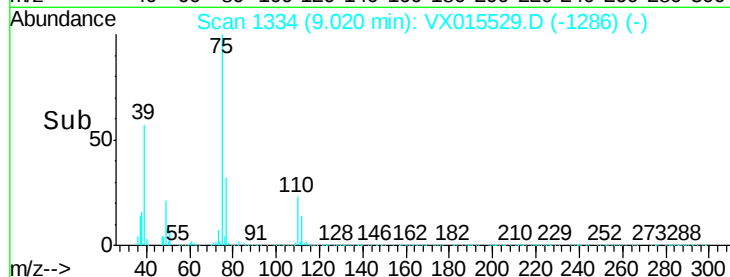
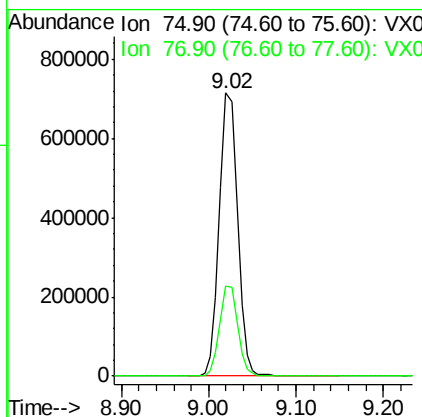
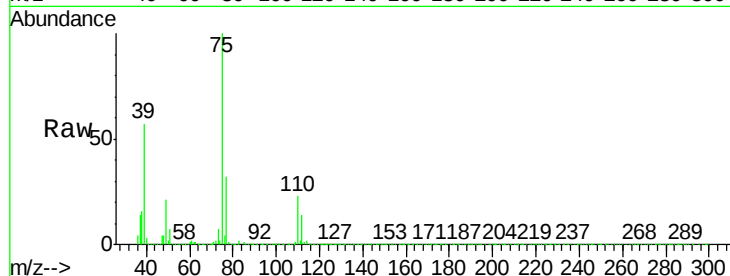
#53
t-1,3-Dichloropropene
Concen: 48.041 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 1044629
Ion Ratio Lower Upper
75 100
77 31.6 24.1 36.1

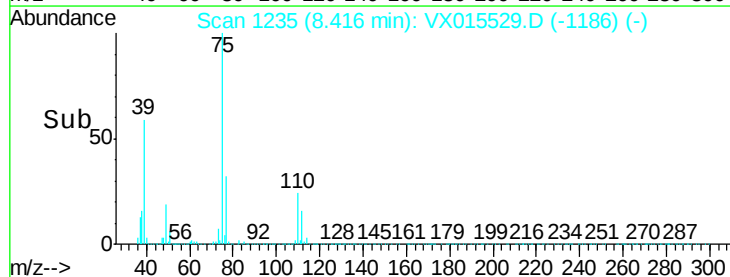
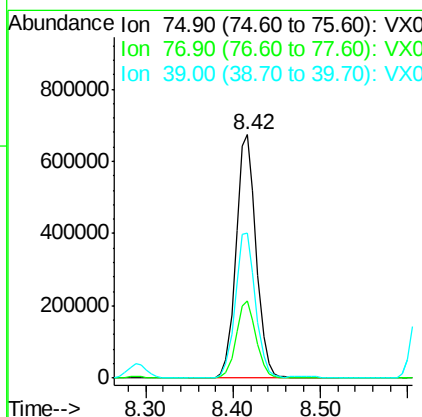
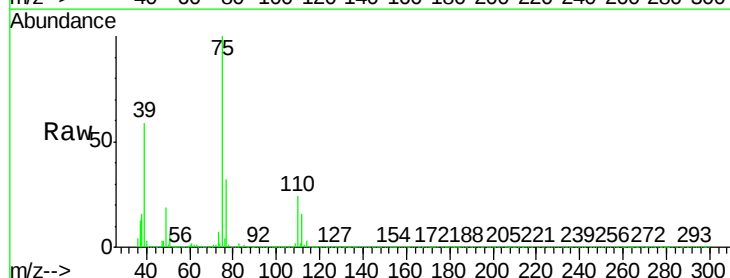
Manual Integrations
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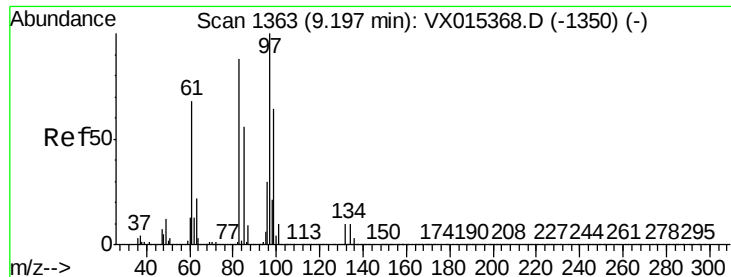
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.761 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion: 75 Resp: 1080074
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.6
39 59.3 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 48.414 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

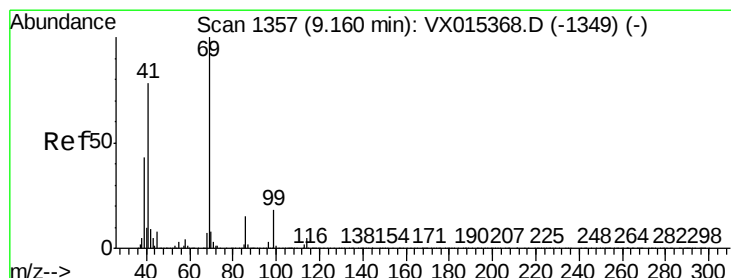
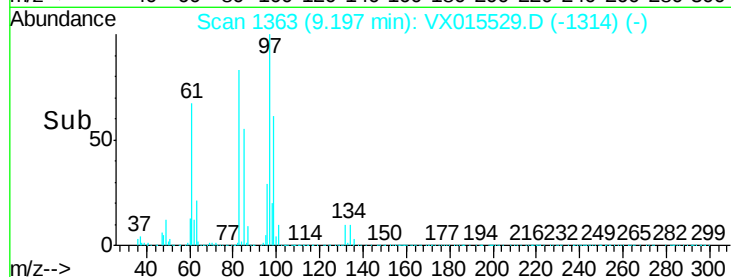
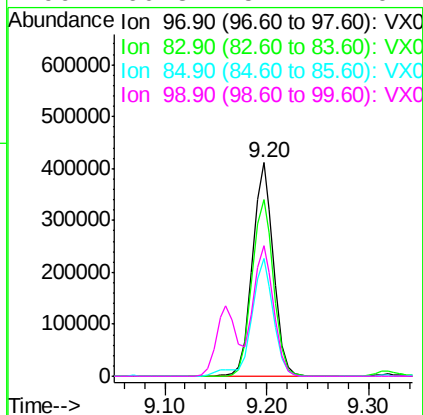
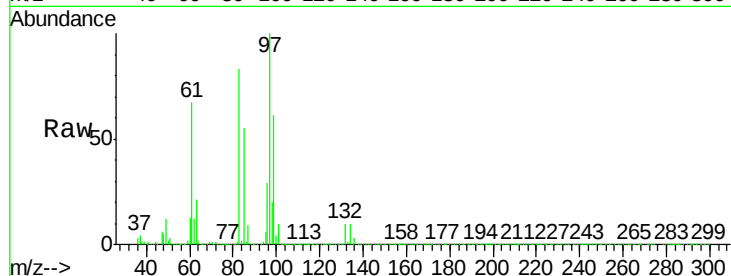
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		592975		
83	82.5	70.2	105.4		
85	54.8	44.7	67.1		
99	60.8	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 46.910 ug/l

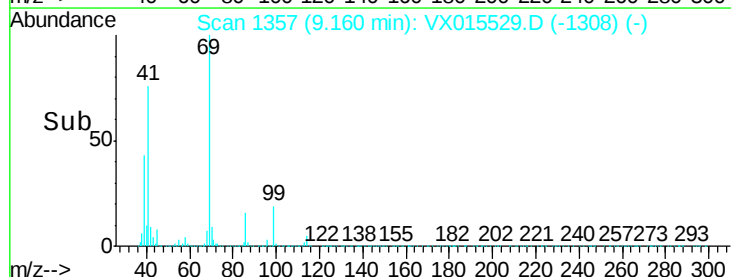
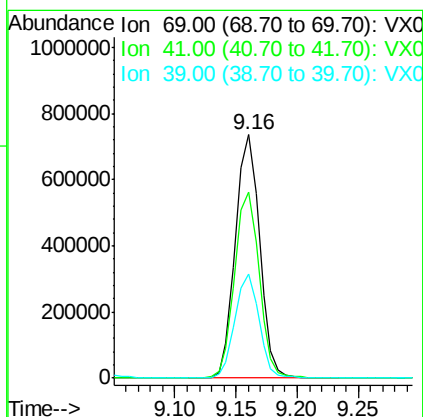
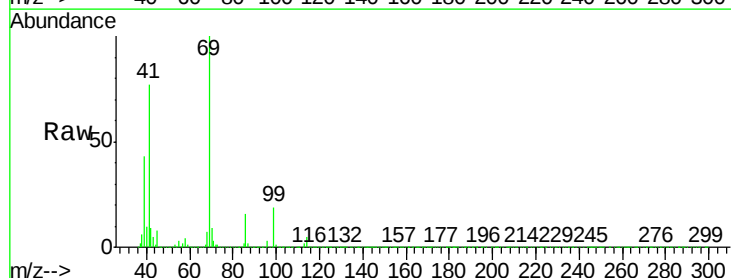
RT: 9.16 min Scan# 1357

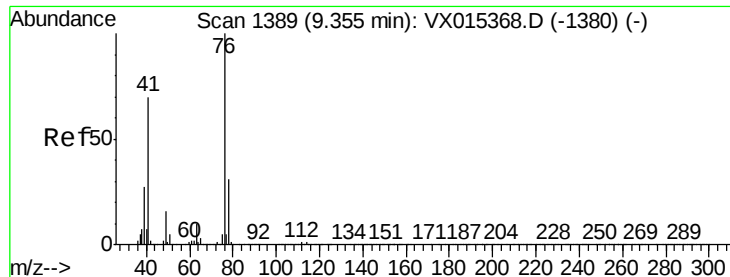
Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		1012566		
41	77.1	61.6	92.4		
39	42.1	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 47.208 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1041729

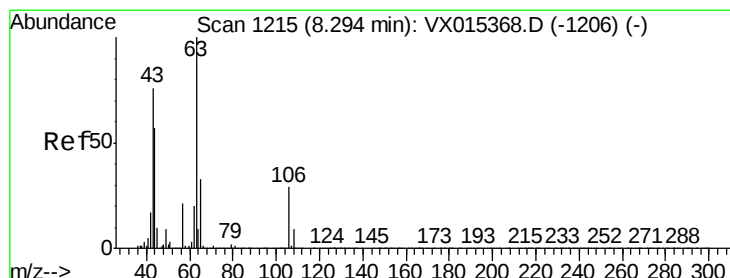
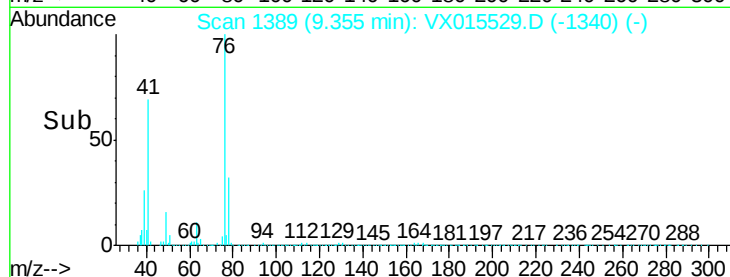
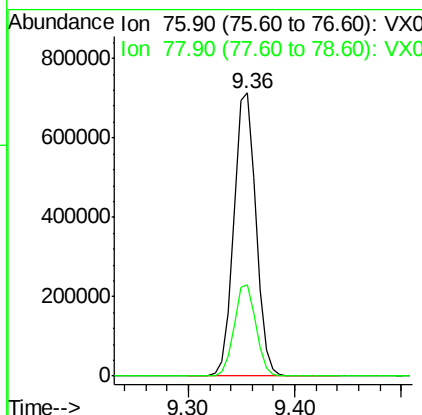
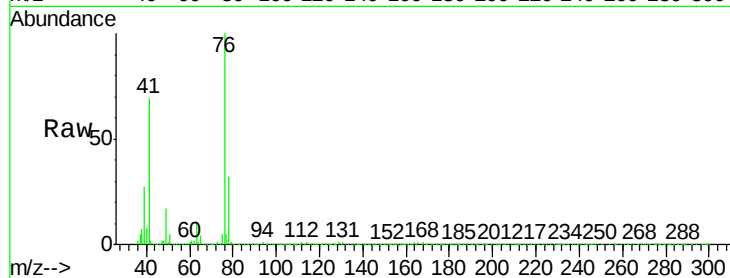
Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 235.606 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015529.D

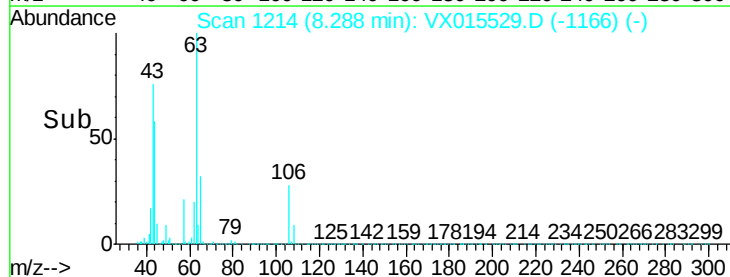
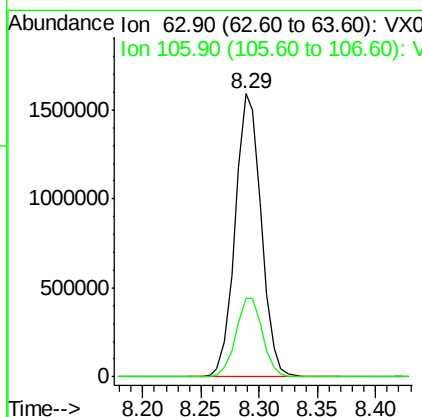
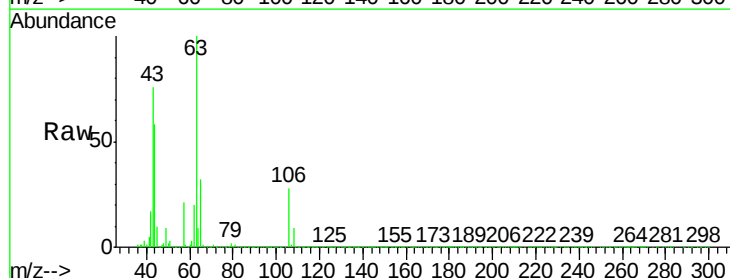
Acq: 07 Apr 2020 10:51

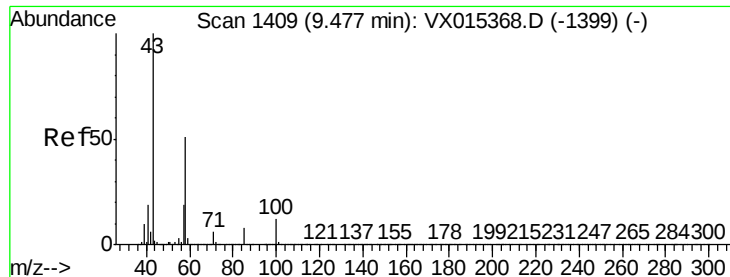
Tgt Ion: 63 Resp: 2473676

Ion Ratio Lower Upper

63 100

106 28.5 22.7 34.1





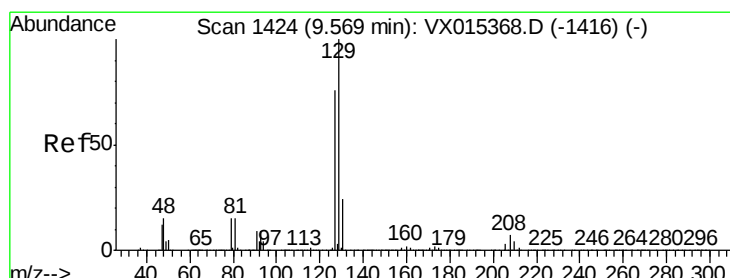
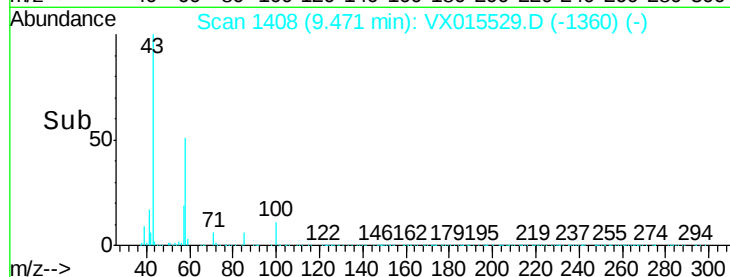
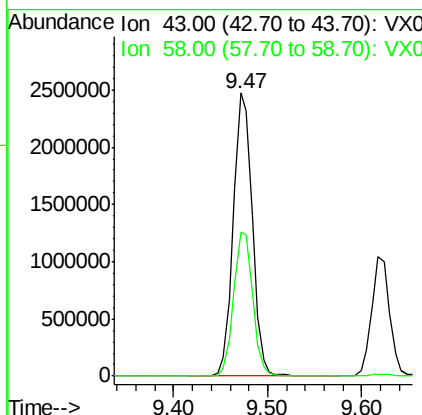
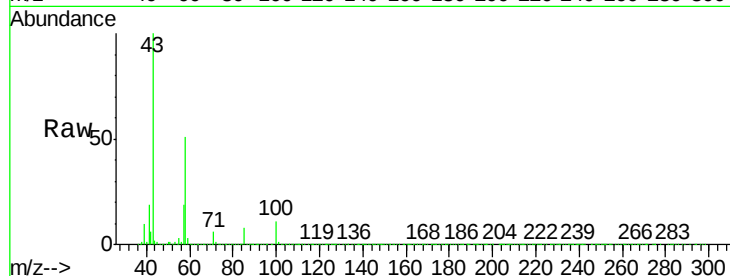
#59
2-Hexanone
Concen: 221.781 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 3452557
Ion Ratio Lower Upper
43 100
58 51.4 25.6 76.6

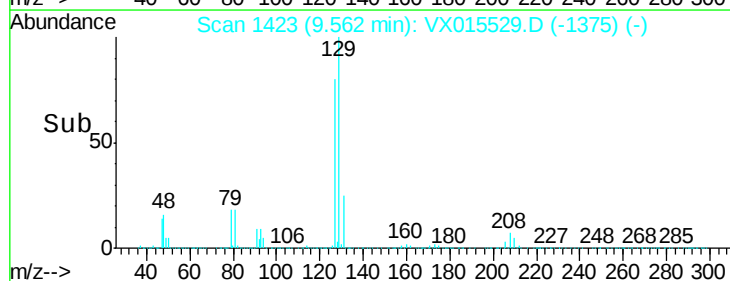
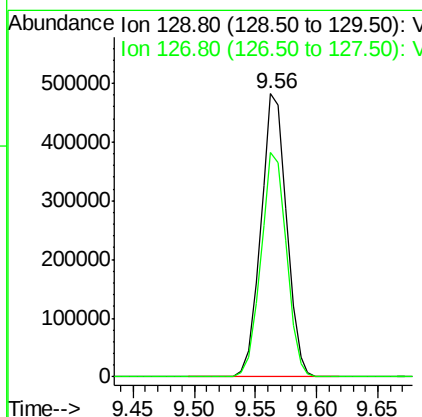
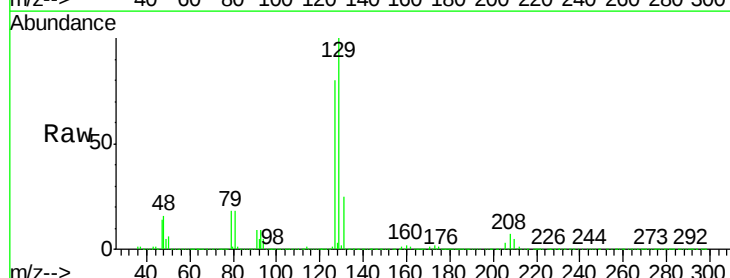
Manual Integrations
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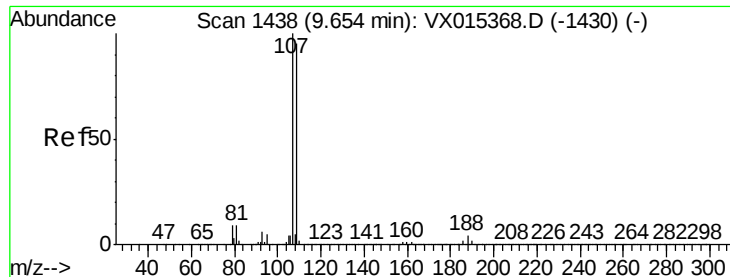
MMDadoda
4/8/2020 11:12:01 AM



#60
Dibromochloromethane
Concen: 48.028 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion:129 Resp: 706854
Ion Ratio Lower Upper
129 100
127 79.0 38.2 114.6





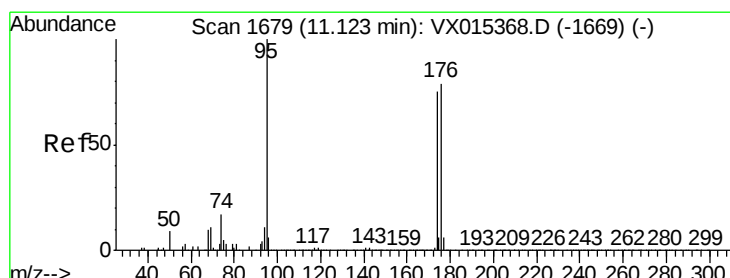
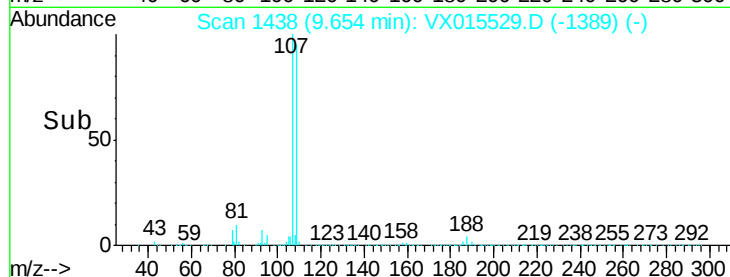
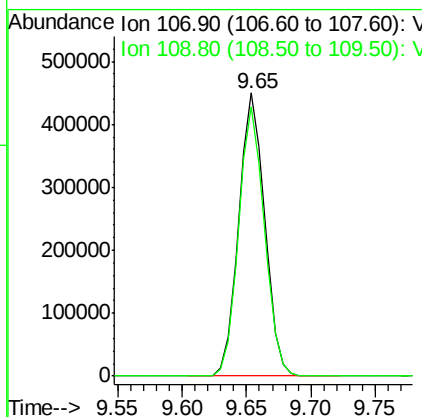
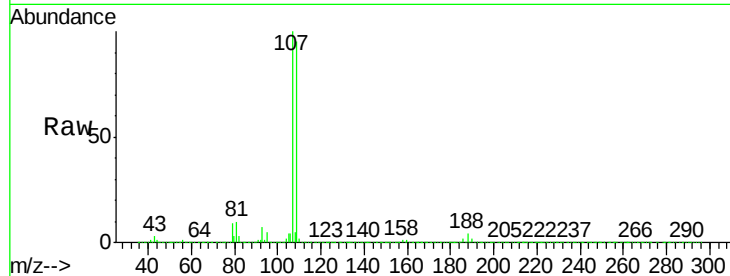
#61
 1,2-Dibromoethane
 Concen: 47.251 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.8	112.2

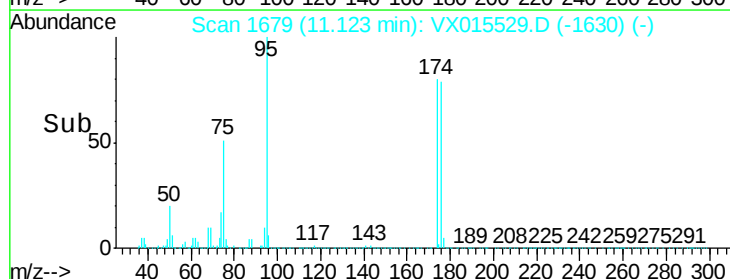
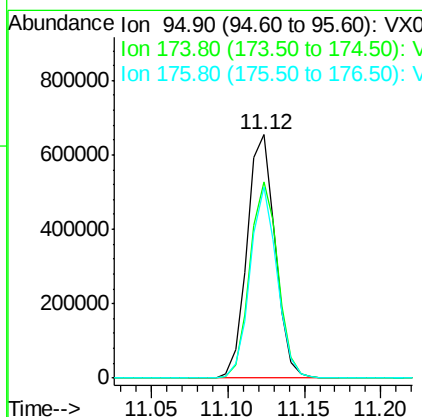
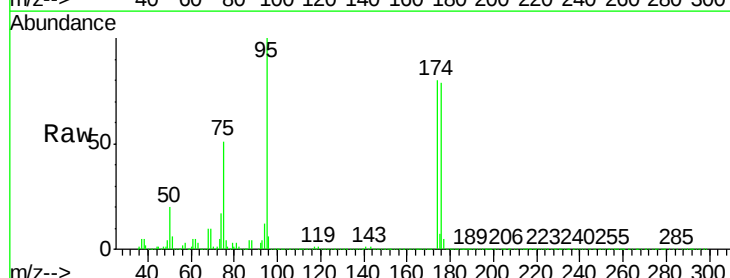
Manual Integrations
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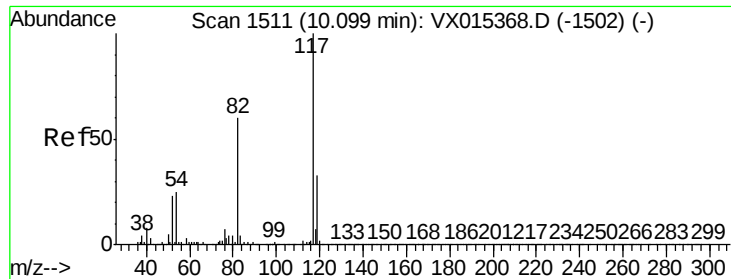
MMDadoda
 4/8/2020 11:12:01 AM



#62
 4-Bromofluorobenzene
 Concen: 48.445 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	0.0	158.6
176	75.5	0.0	159.0





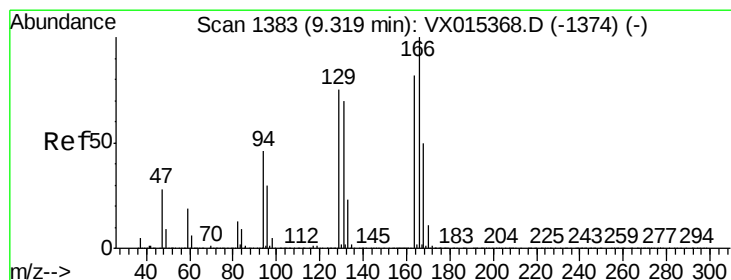
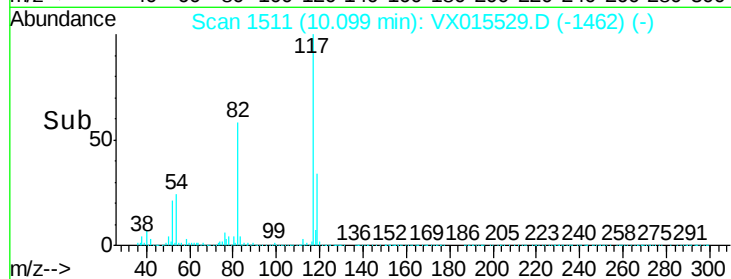
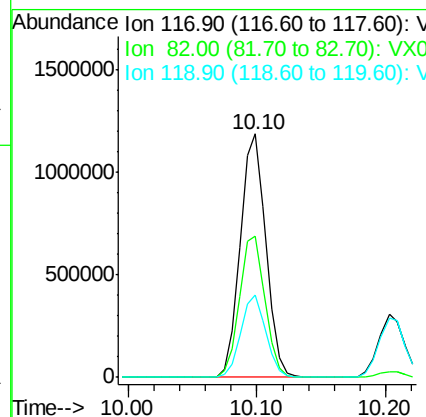
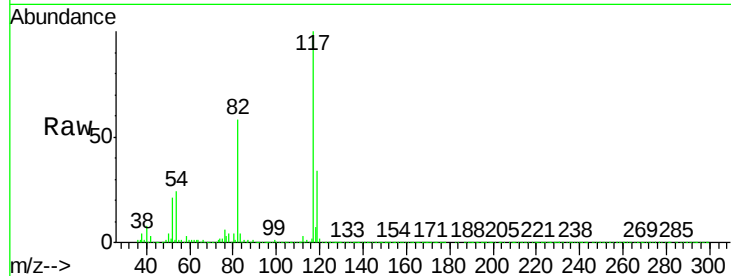
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.8	71.8
119	33.8	26.8	40.2

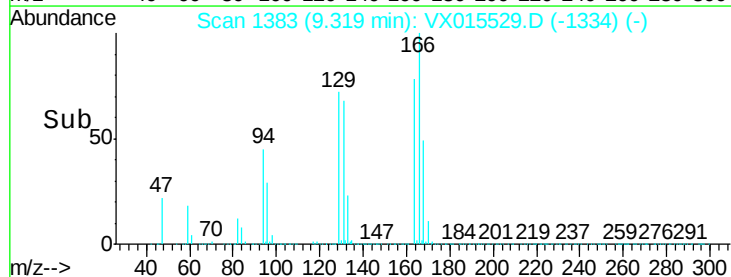
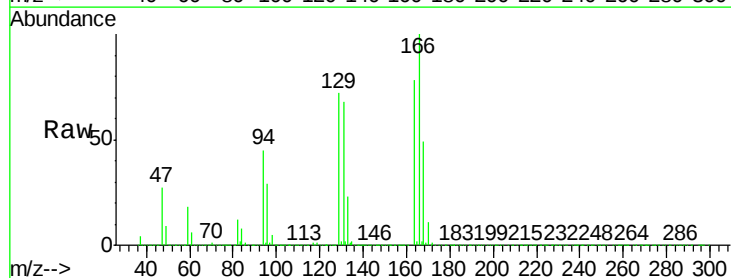
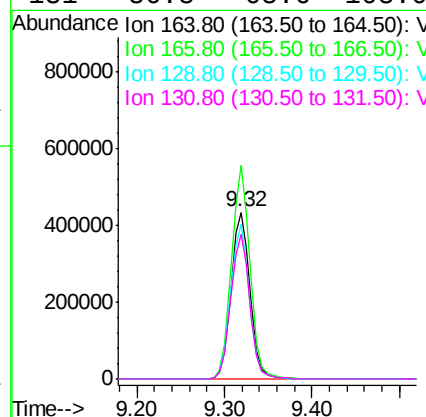
Manual Integrations
APPROVED

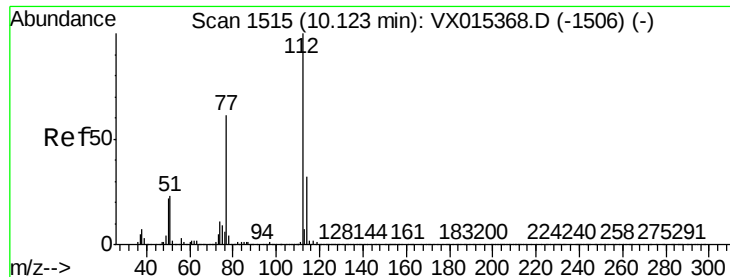
MMDadoda
4/8/2020 11:12:01 AM



#64
Tetrachloroethene
Concen: 52.161 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.0	97.8	146.6
129	92.6	73.0	109.4
131	86.8	68.6	103.0





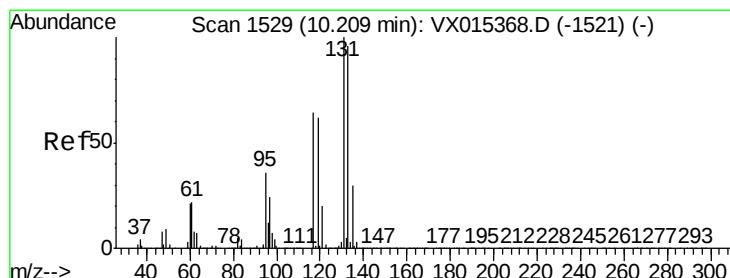
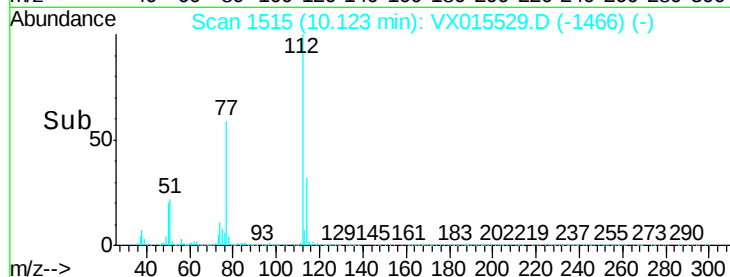
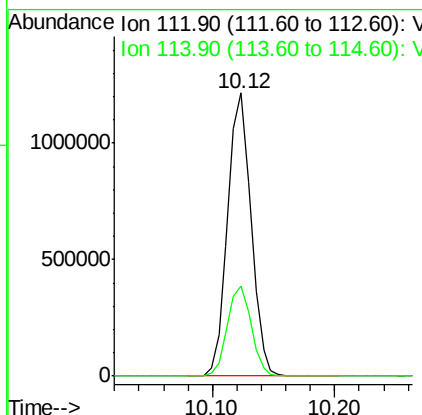
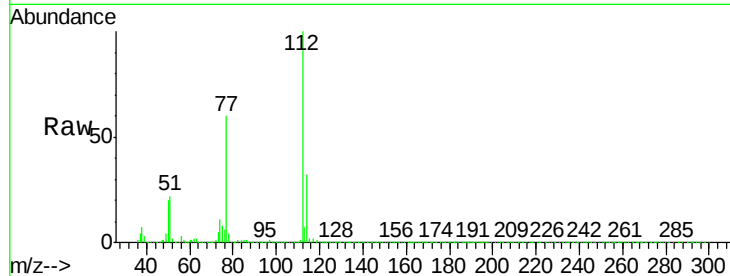
#65
Chlorobenzene
Concen: 49.313 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 1609108
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

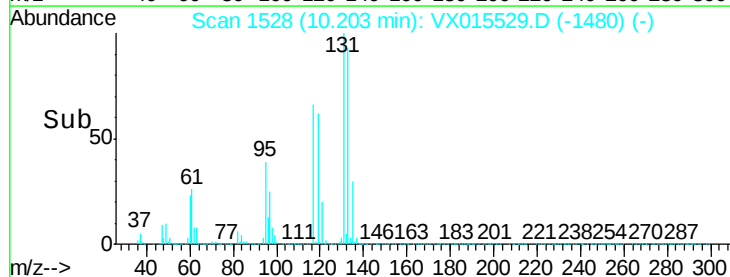
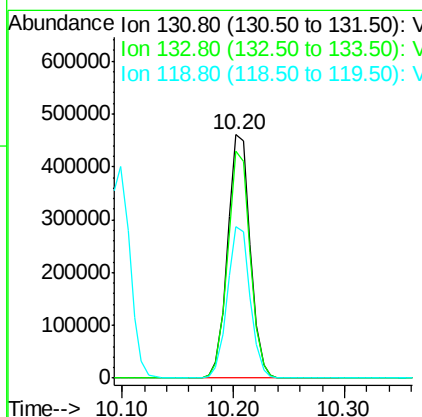
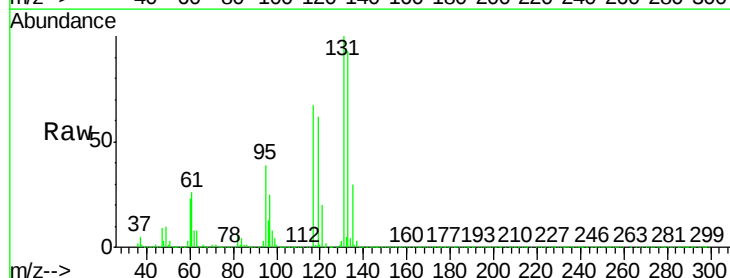
Manual Integrations
APPROVED

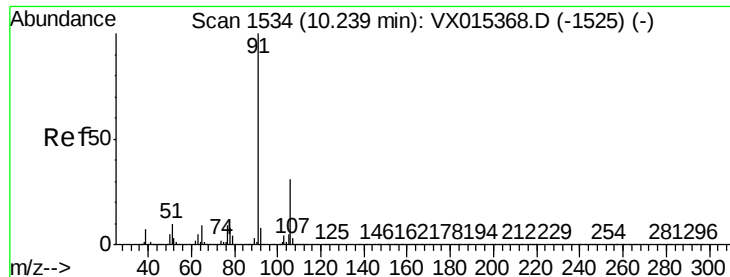
MMDadoda
4/8/2020 11:12:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.449 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion:131 Resp: 644617
Ion Ratio Lower Upper
131 100
133 92.8 47.6 142.9
119 62.7 31.1 93.3





#67

Ethyl Benzene

Concen: 50.486 ug/l

RT: 10.23 min Scan# 1533

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 2921751

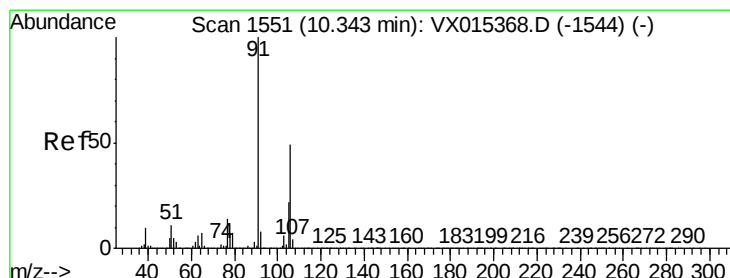
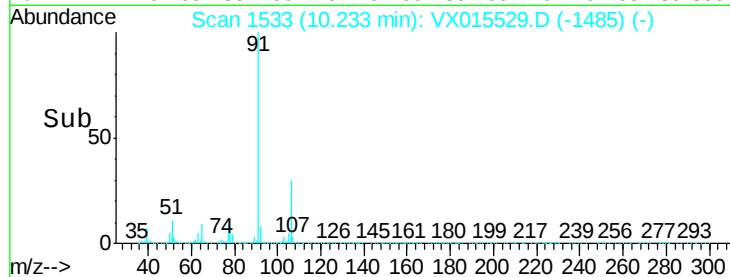
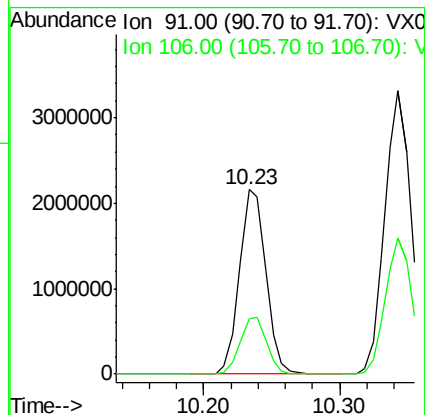
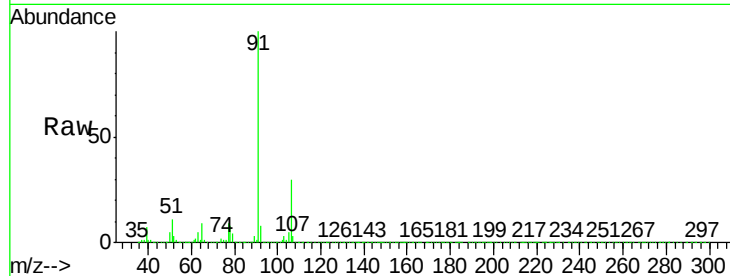
Ion Ratio Lower Upper

91 100

106 30.4 24.8 37.2

Manual Integrations
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MMDadoda
4/8/2020 11:12:01 AM



#68

m/p-Xylenes

Concen: 101.260 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015529.D

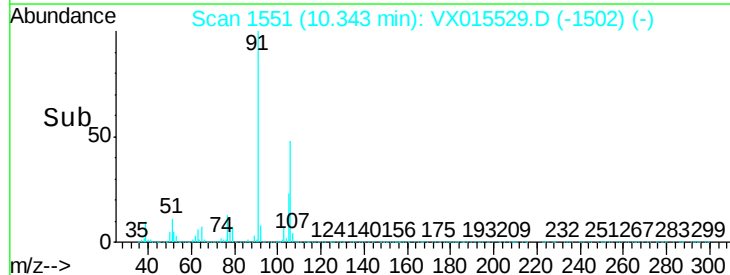
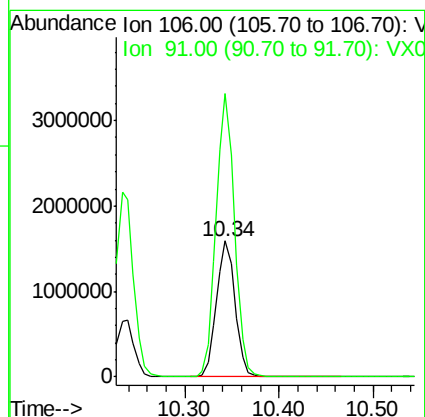
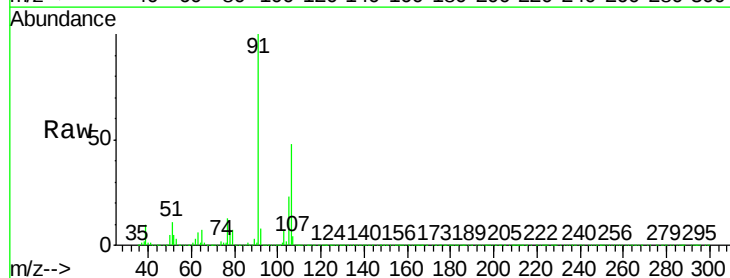
Acq: 07 Apr 2020 10:51

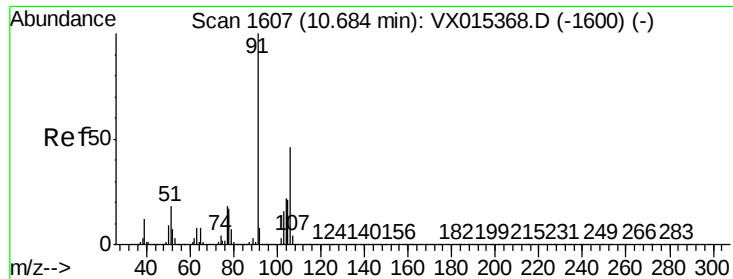
Tgt Ion: 106 Resp: 2182152

Ion Ratio Lower Upper

106 100

91 206.6 163.4 245.0





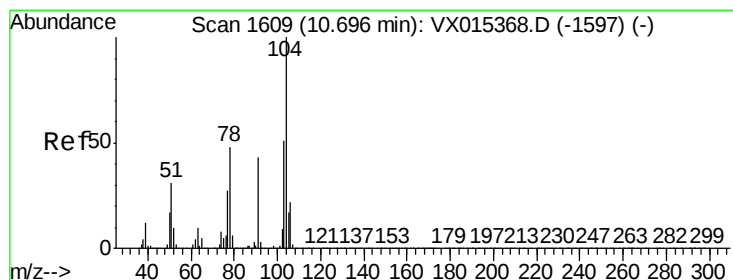
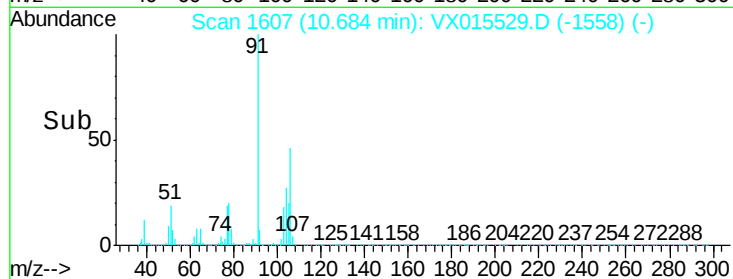
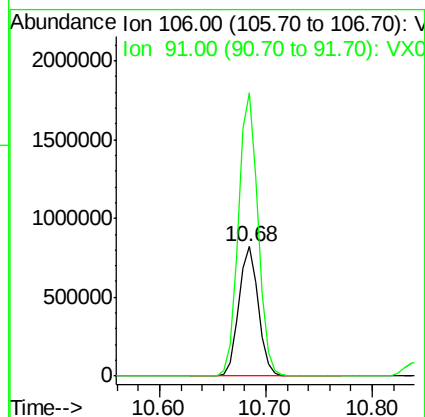
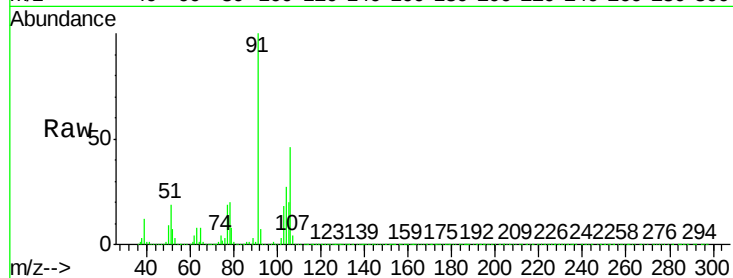
#69
o-Xylene
Concen: 49.719 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1058761
Ion Ratio Lower Upper
106 100
91 219.3 107.1 321.3

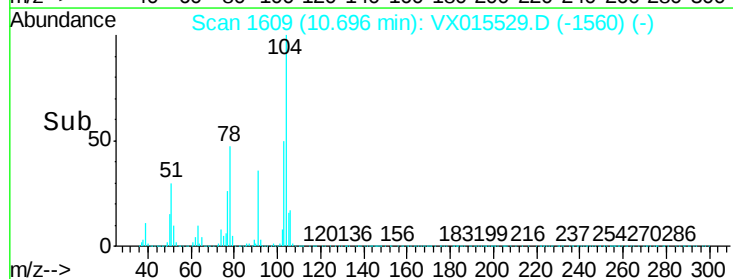
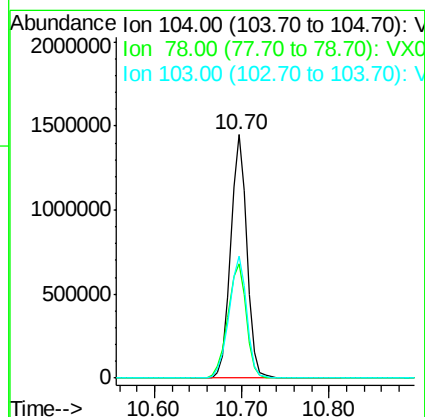
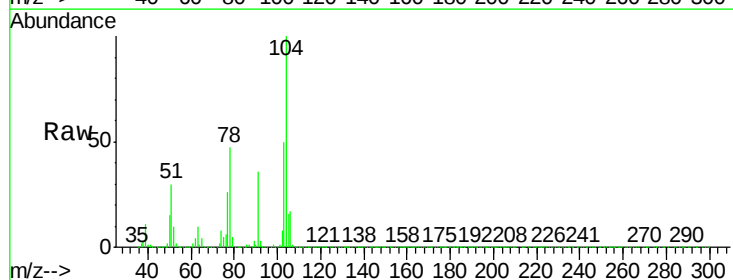
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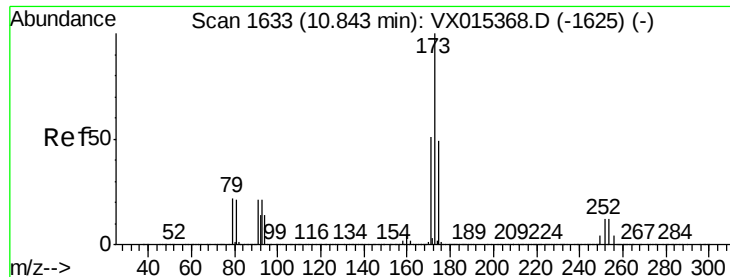
MMDadoda
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#70
Styrene
Concen: 49.541 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion:104 Resp: 1856417
Ion Ratio Lower Upper
104 100
78 53.1 42.0 63.0
103 54.5 43.4 65.0





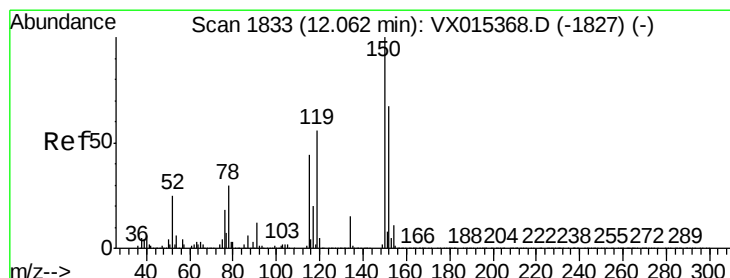
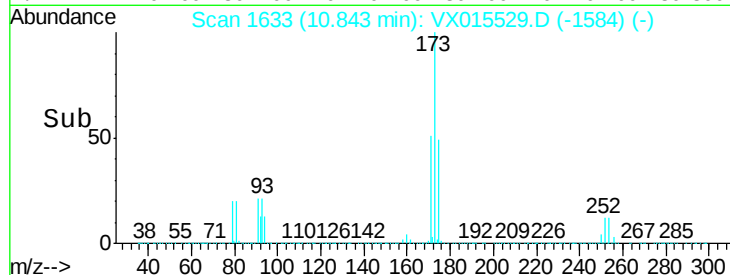
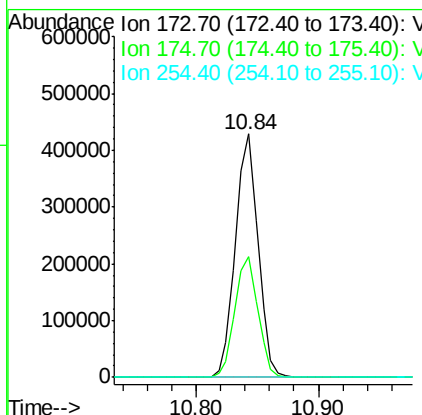
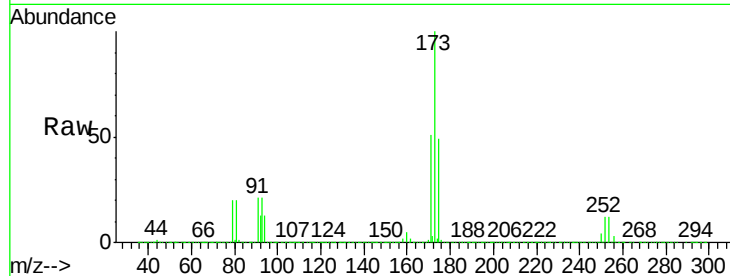
#71
Bromoform
Concen: 46.161 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.2	23.9	71.7
254	0.2	0.1	0.1#

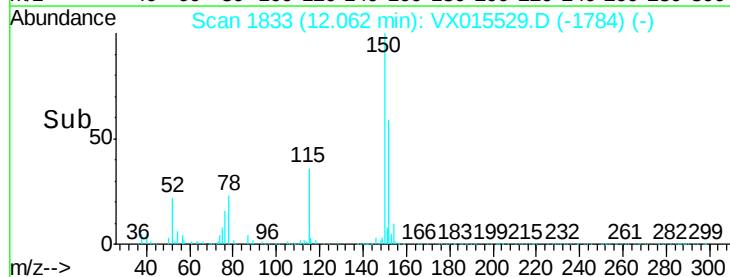
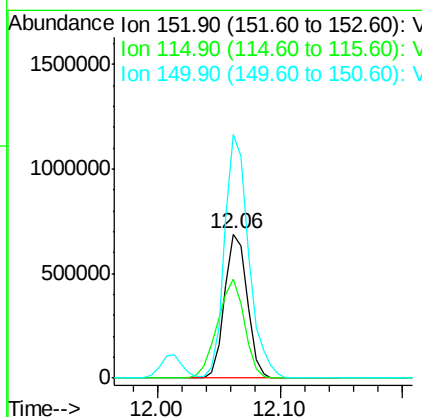
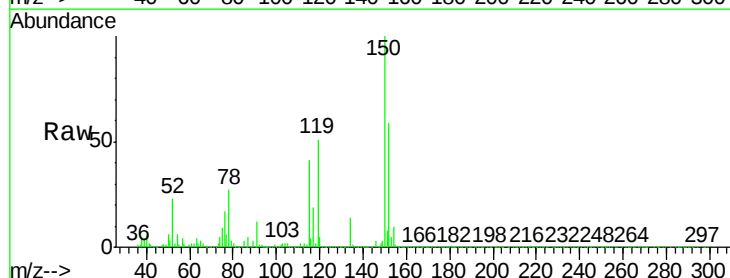
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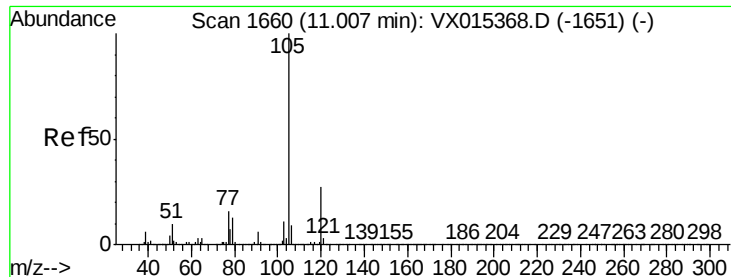
MMDadoda
4/8/2020 11:12:01 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.0	39.0	116.9
150	180.8	0.0	340.8





#73

Isopropylbenzene

Concen: 50.717 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2908331

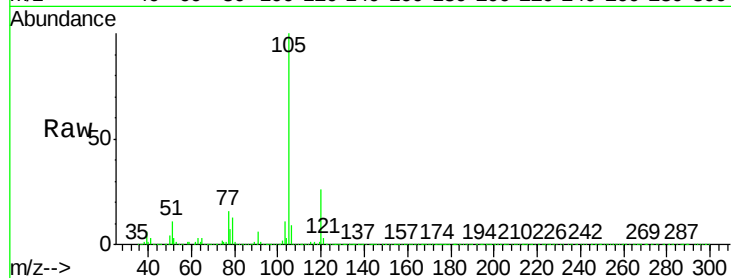
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

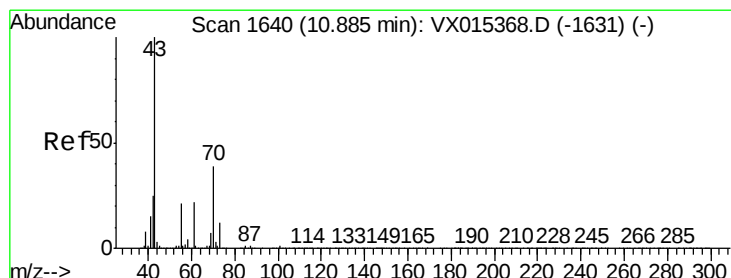
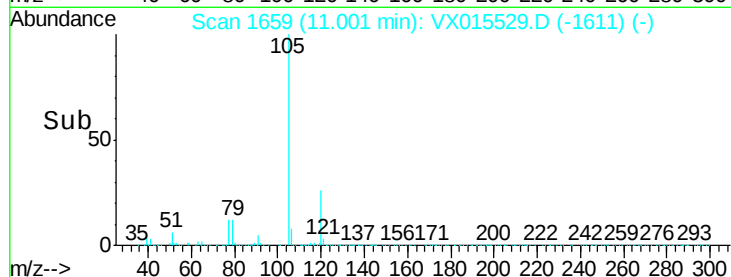
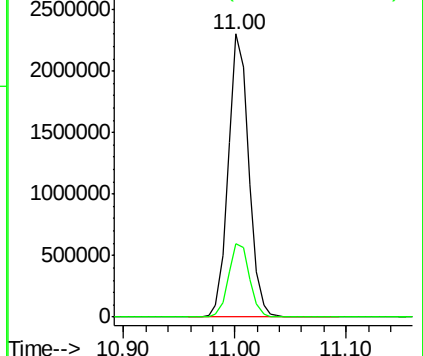
Manual Integrations
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4/8/2020 11:12:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 45.787 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tgt Ion: 43 Resp: 1460330

Ion Ratio Lower Upper

43 100

70 38.7 30.2 45.4

55 21.8 16.8 25.2

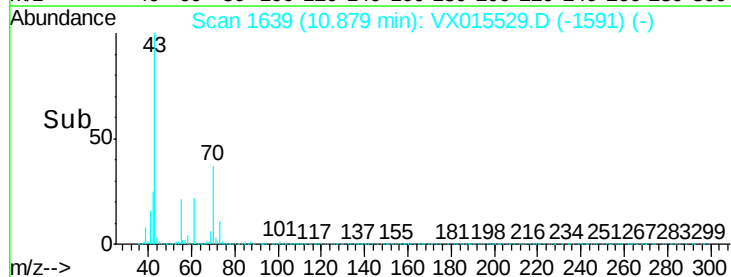
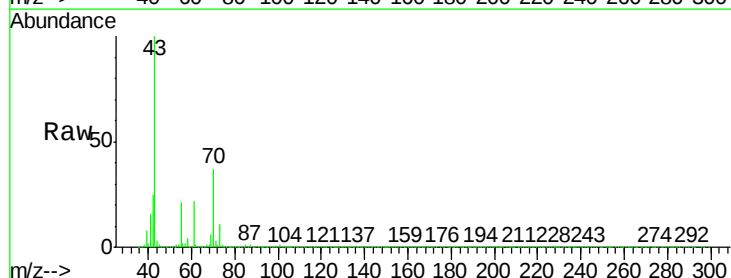
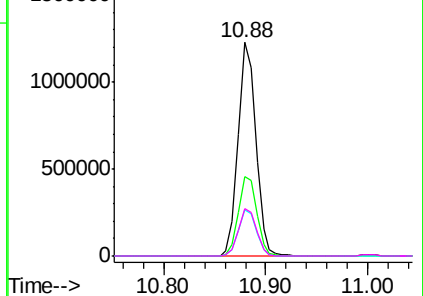
61 22.5 18.2 27.2

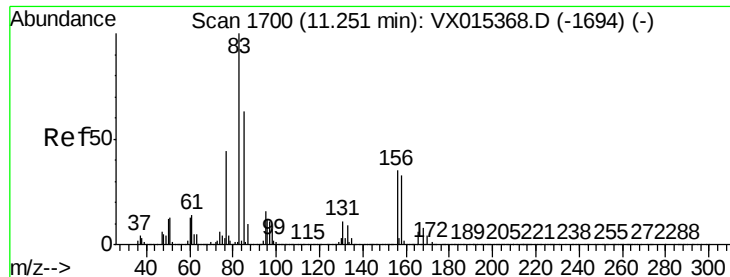
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.075 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

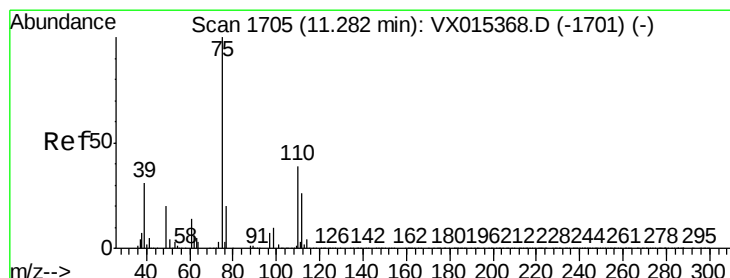
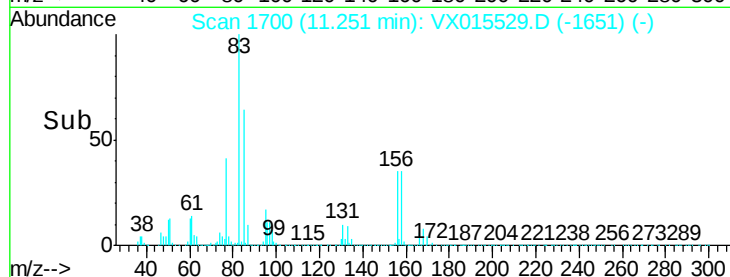
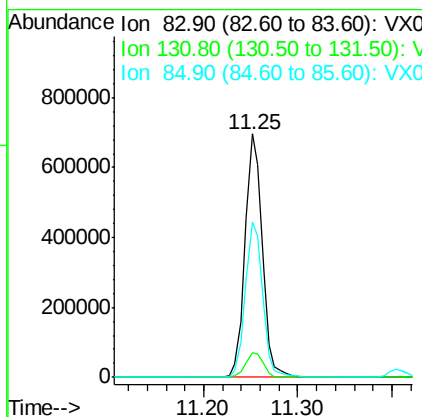
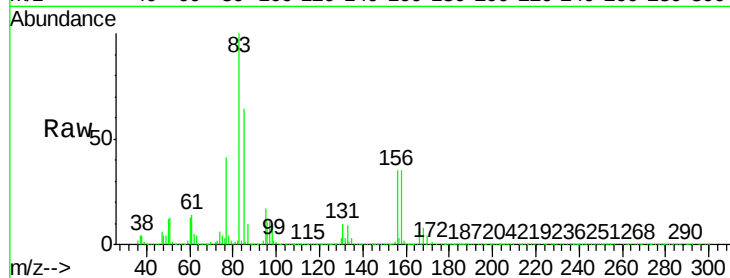
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	886944
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	64.5	32.0	96.0

Manual Integrations
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MMDadoda
4/8/2020 11:12:01 AM



#76

1,2,3-Trichloropropane

Concen: 46.447 ug/l m

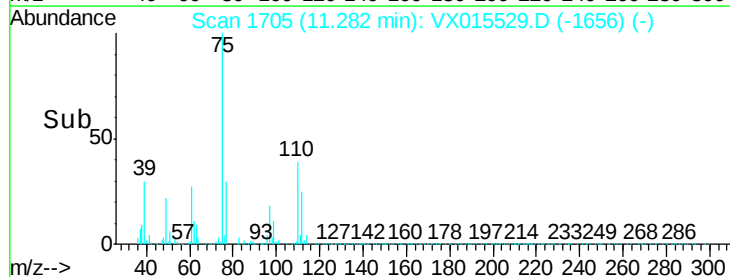
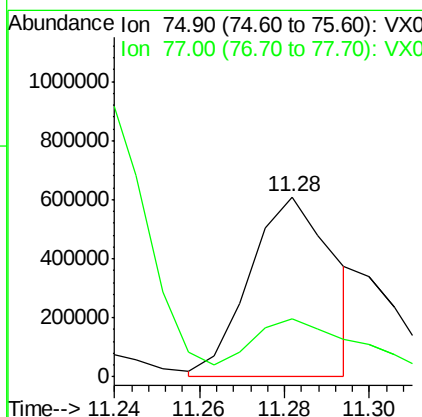
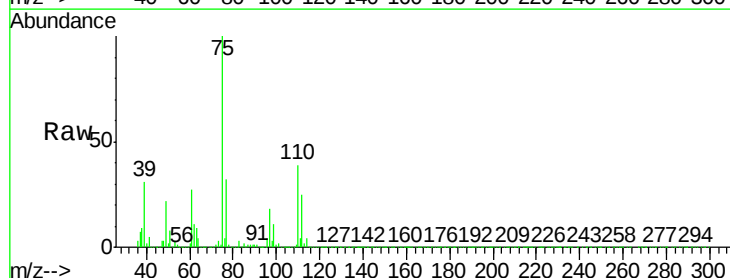
RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tgt Ion:	75	Resp:	835932
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.2	63.6





#77

Bromobenzene

Concen: 49.611 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

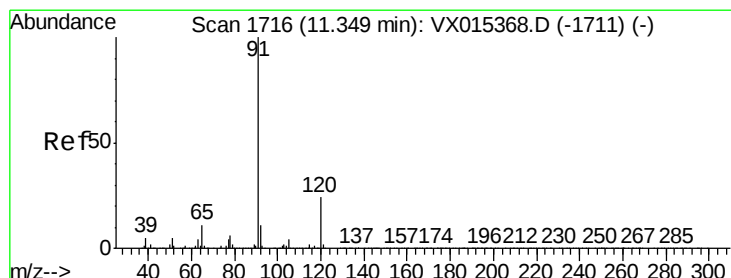
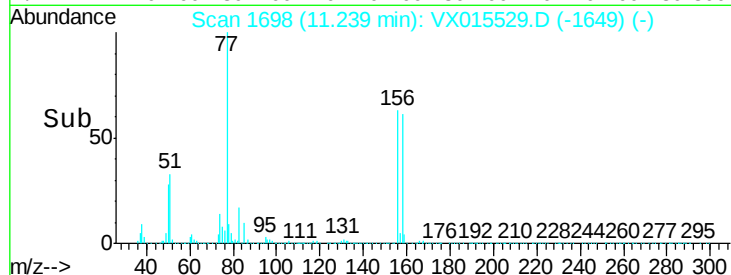
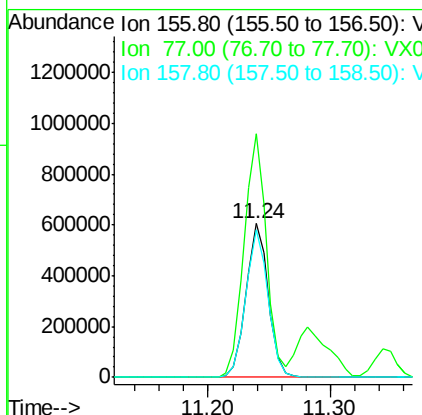
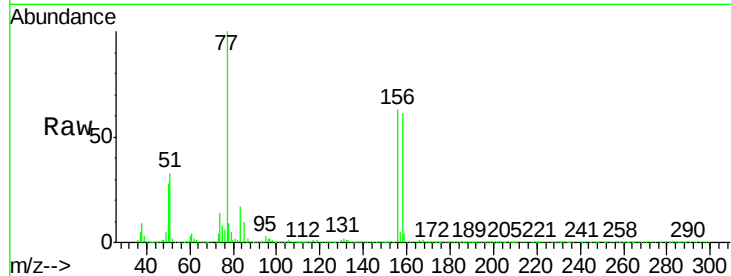
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	758840
Ion Ratio	Lower	Upper	
156	100		
77	159.0	82.2	246.5
158	96.2	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 50.775 ug/l

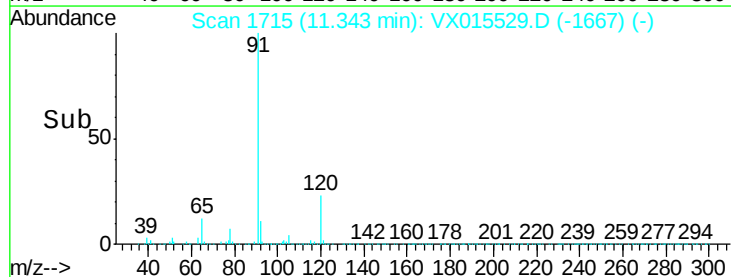
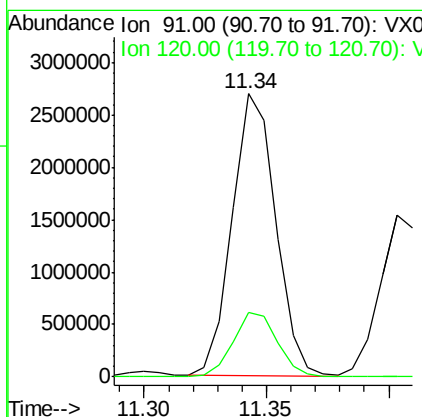
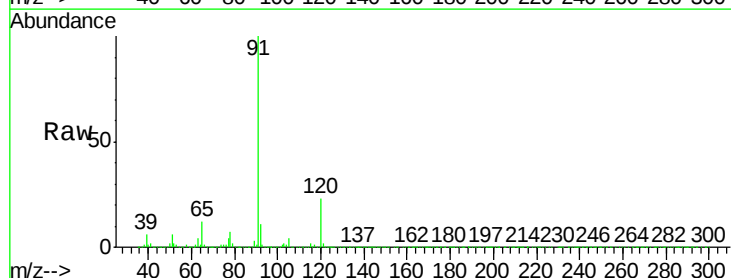
RT: 11.34 min Scan# 1715

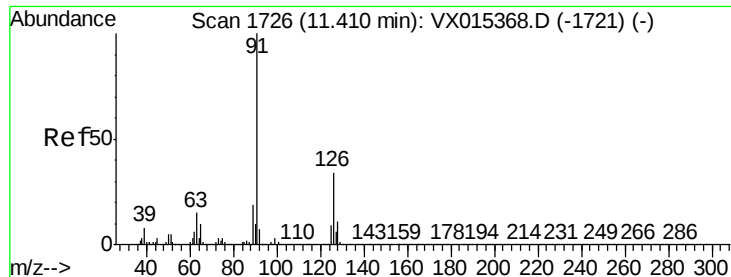
Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tgt Ion:	91	Resp:	3329392
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.668 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1996190

Ion Ratio Lower Upper

91 100

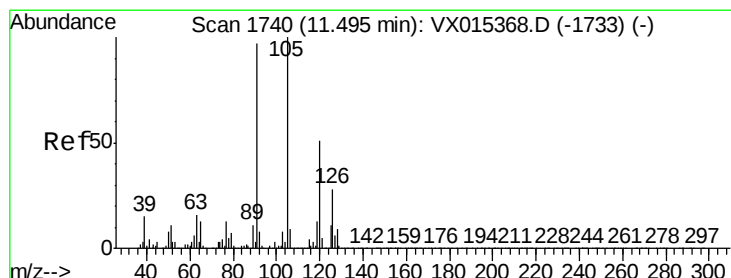
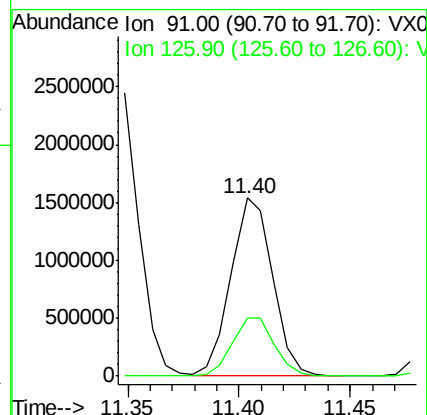
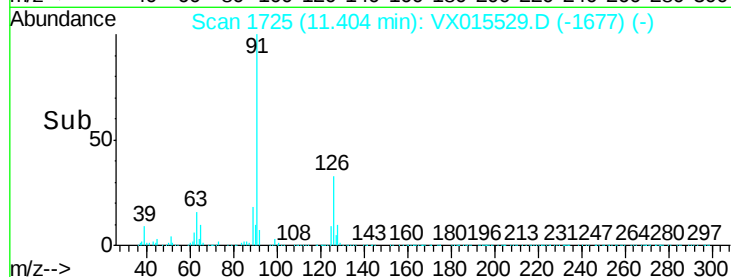
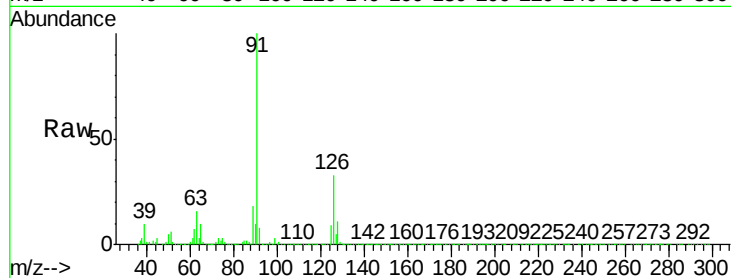
126 33.3 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 49.721 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015529.D

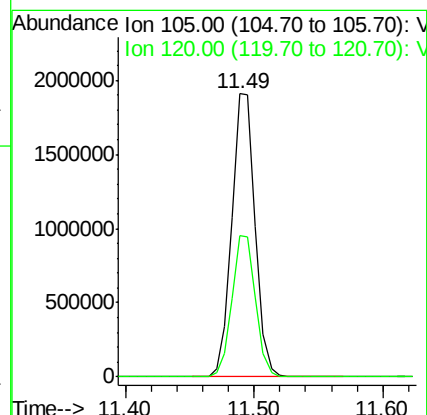
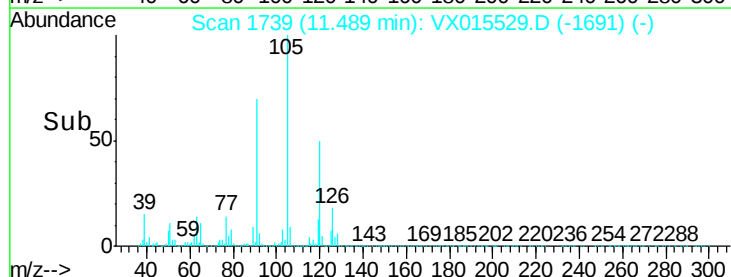
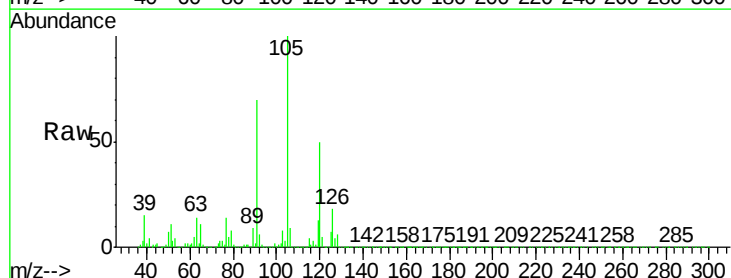
Acq: 07 Apr 2020 10:51

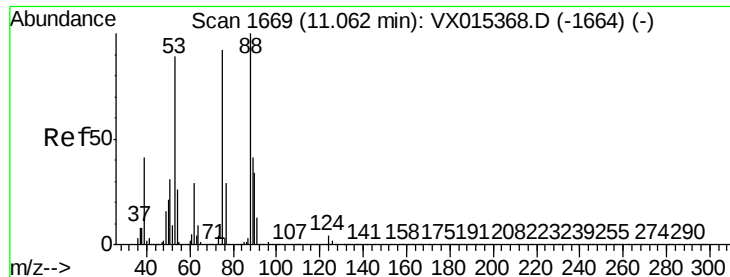
Tgt Ion: 105 Resp: 2435031

Ion Ratio Lower Upper

105 100

120 50.3 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 44.915 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

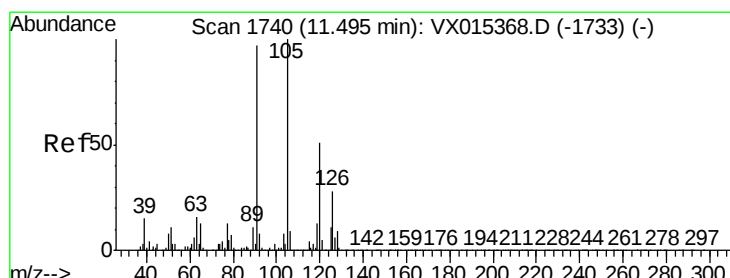
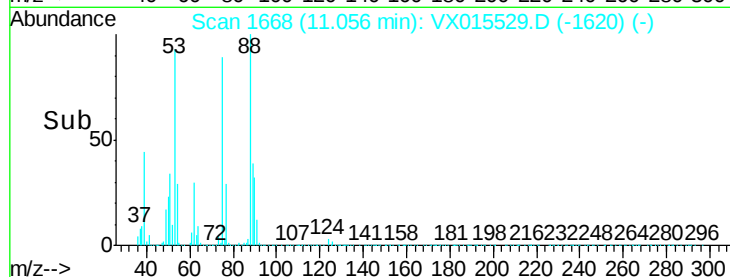
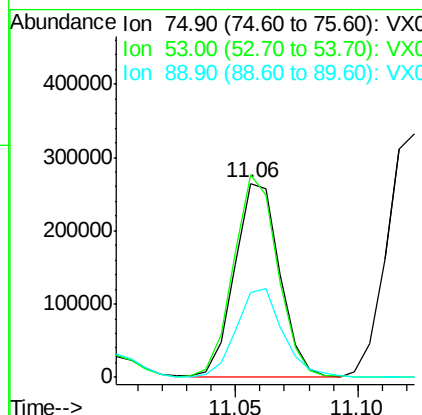
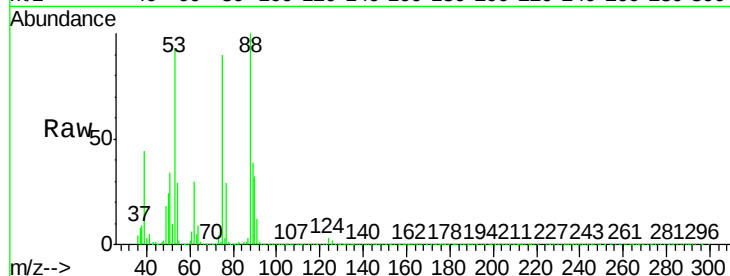
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	336892
Ion	Ratio	Lower	Upper
75	100		
53	102.6	80.1	120.1
89	48.1	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.424 ug/l

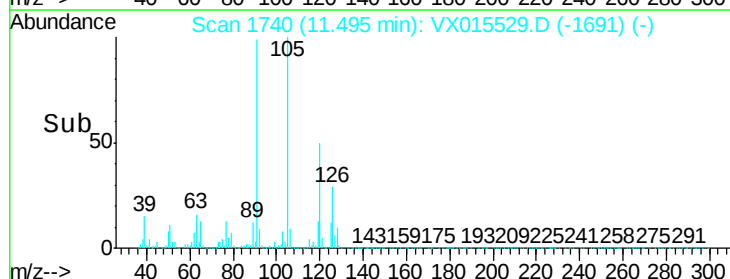
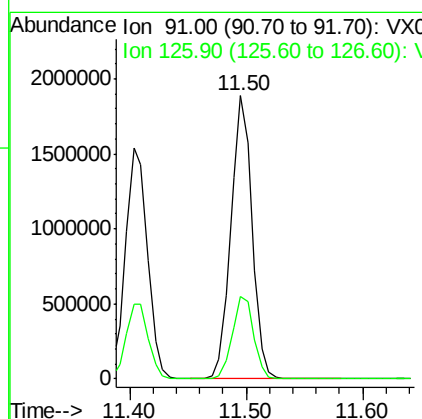
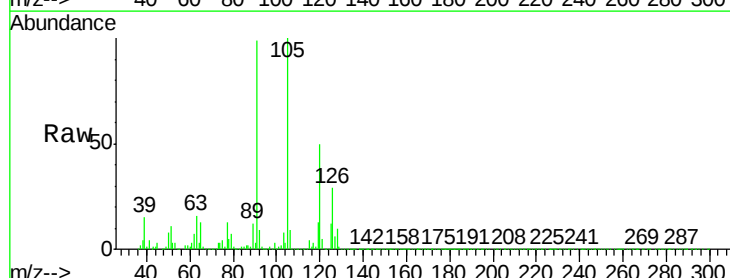
RT: 11.50 min Scan# 1740

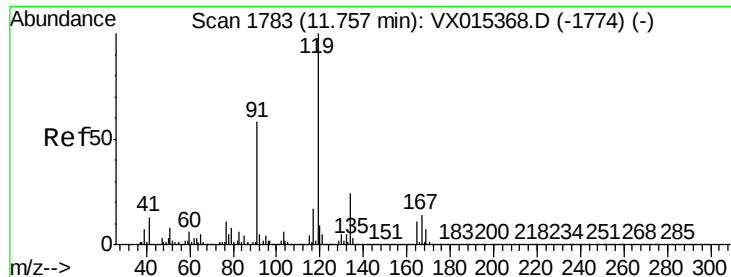
Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Tgt Ion:	91	Resp:	2375770
Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.7	44.1





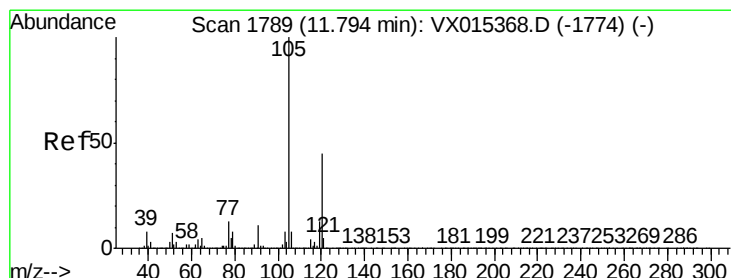
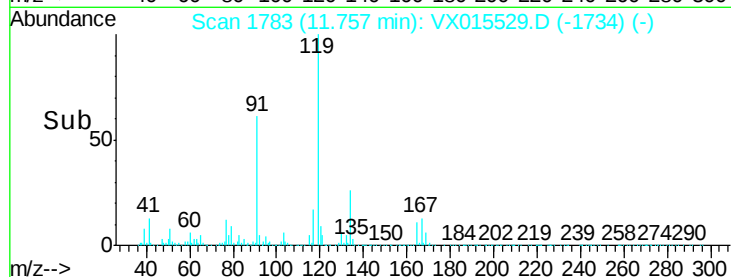
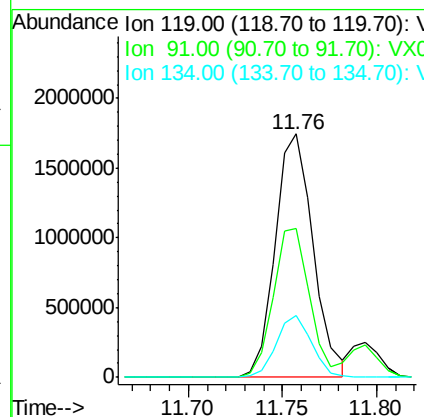
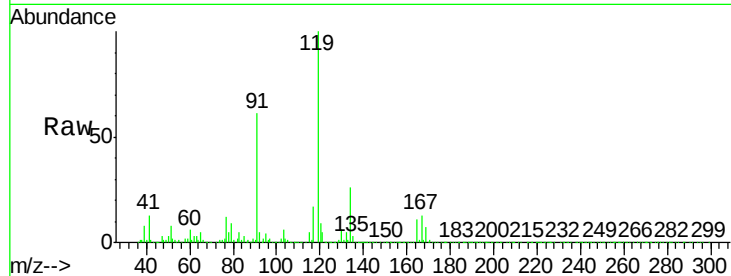
#83
tert-Butylbenzene
Concen: 50.714 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.5	28.6	85.8
134	23.7	11.8	35.3

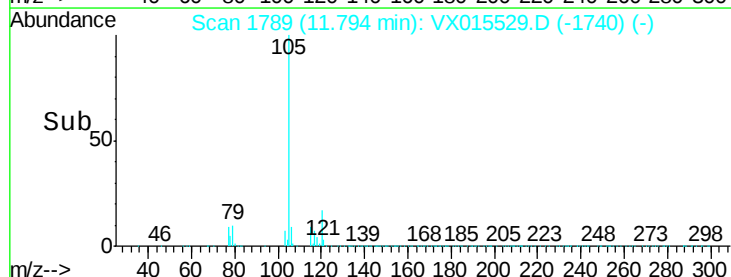
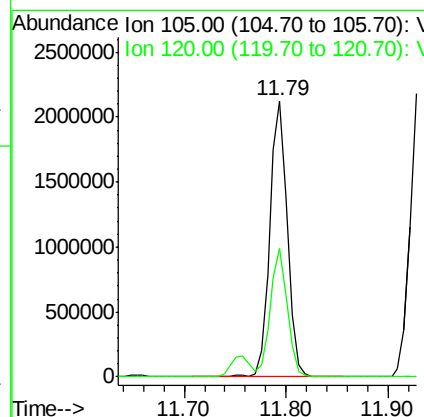
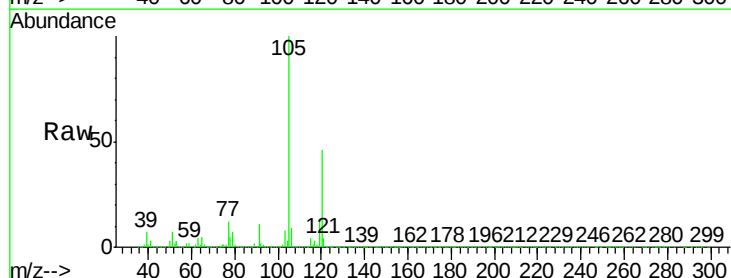
Manual Integrations
APPROVED

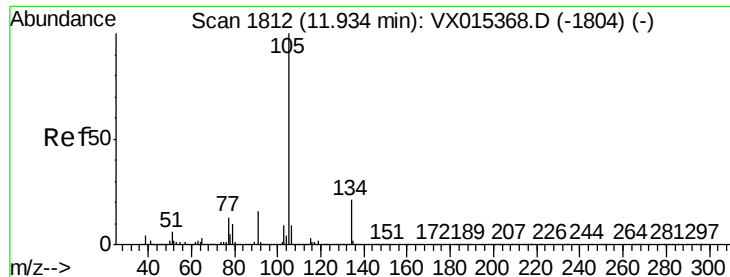
MMDadoda
4/8/2020 11:12:01 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.760 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 52.542 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2906873

Ion Ratio Lower Upper

105 100

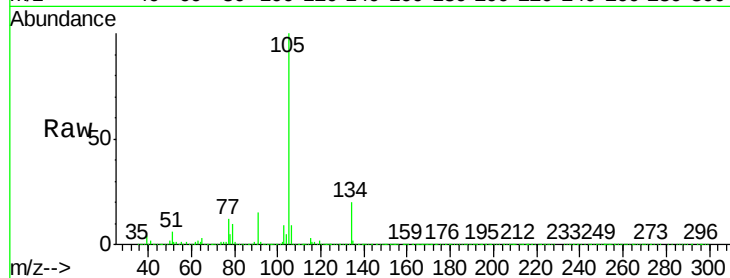
134 20.3 10.4 31.1

Manual Integrations

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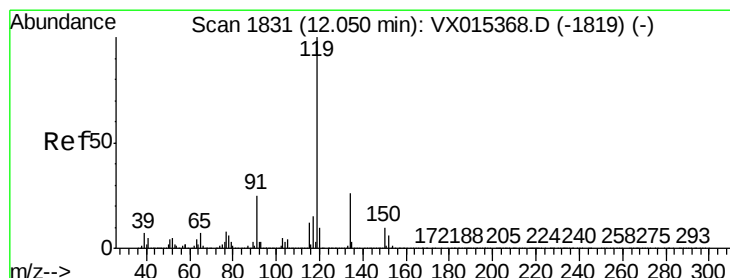
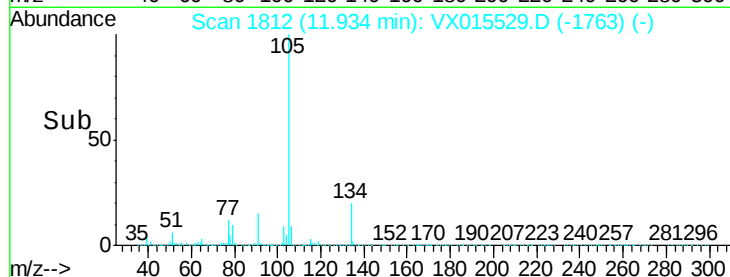
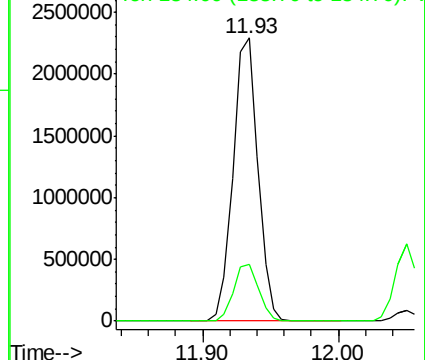
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.697 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015529.D

Acq: 07 Apr 2020 10:51

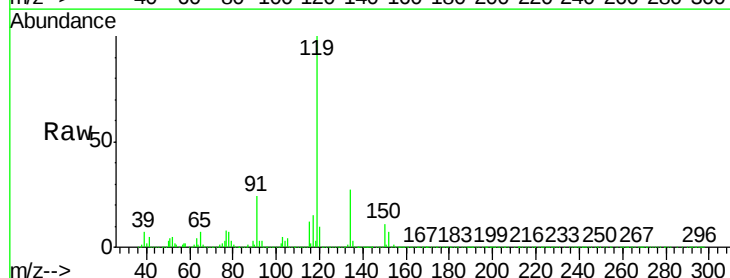
Tgt Ion:119 Resp: 2706556

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

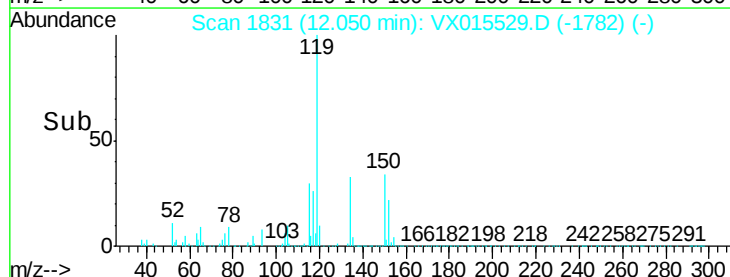
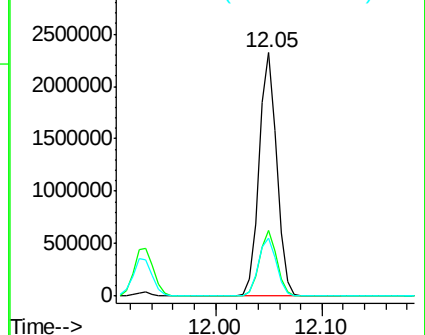
91 24.4 12.4 37.4

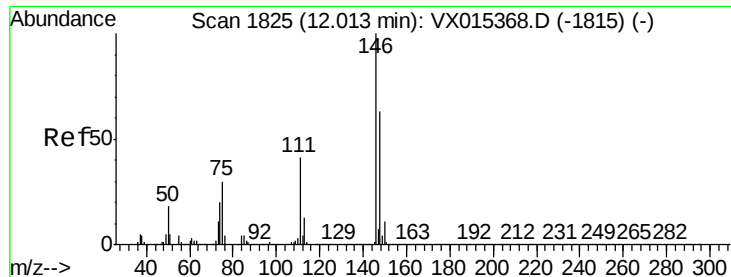


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





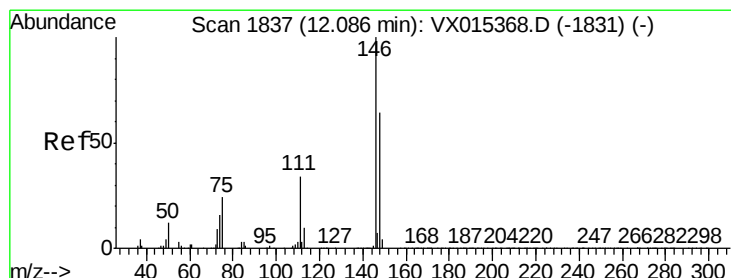
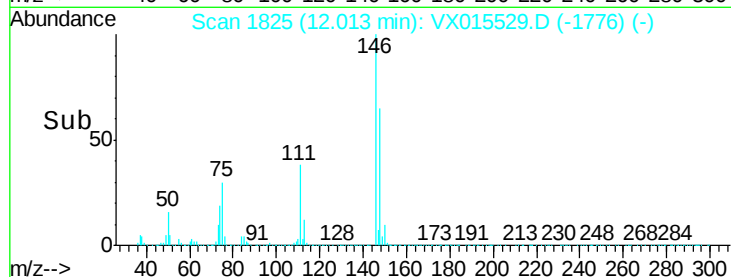
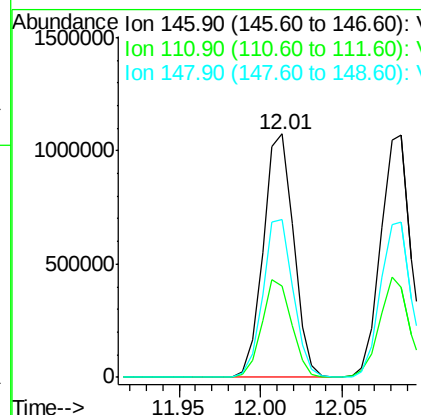
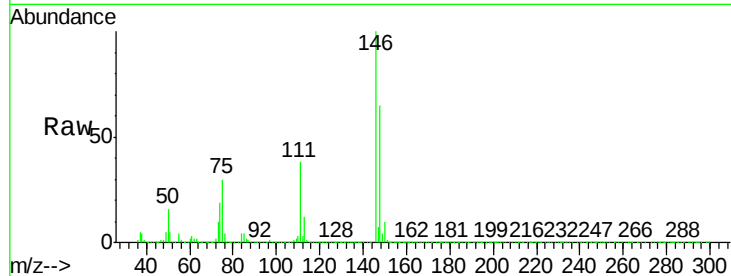
#87
 1,3-Dichlorobenzene
 Concen: 50.839 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	20.3	60.9
148	64.6	31.3	93.9

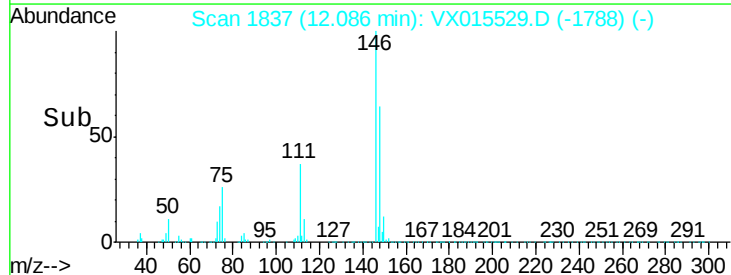
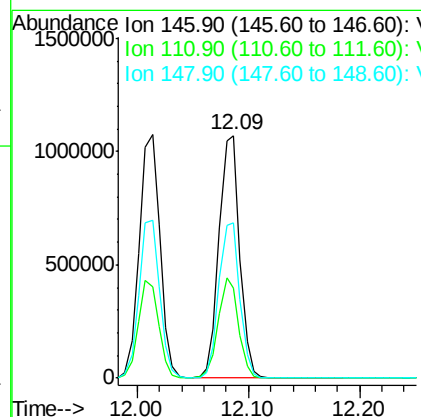
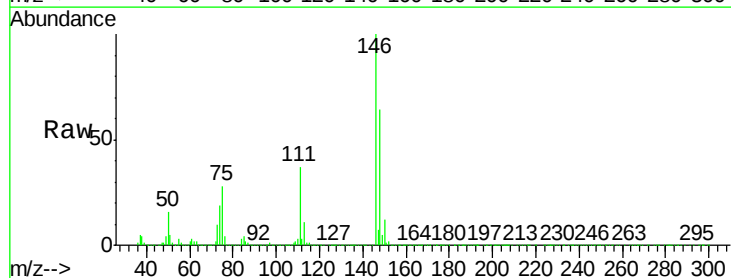
Manual Integrations
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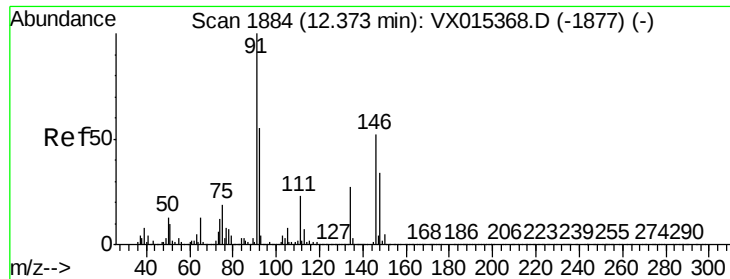
MMDadoda
 4/8/2020 11:12:01 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.349 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.1	57.5
148	64.9	32.4	97.2





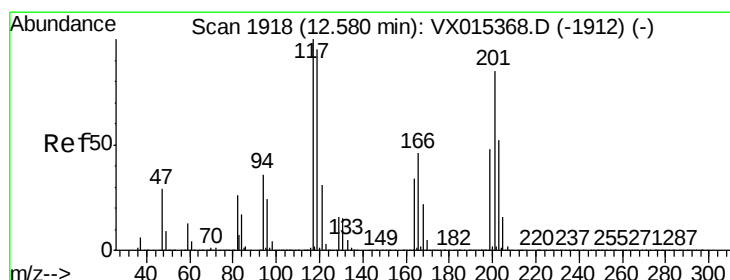
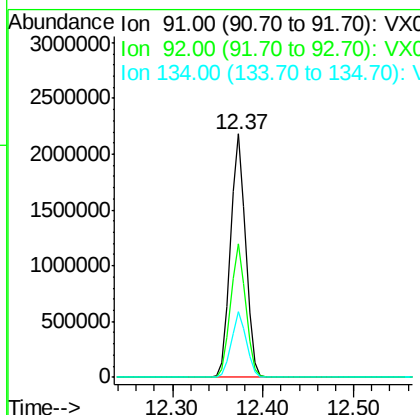
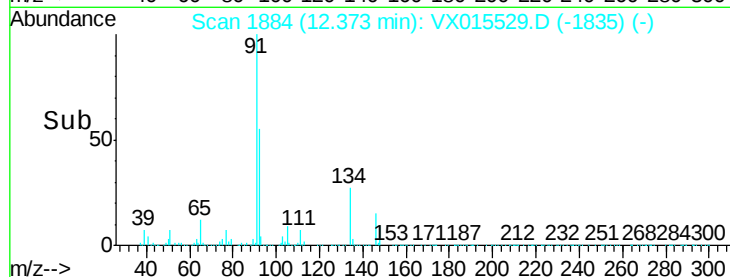
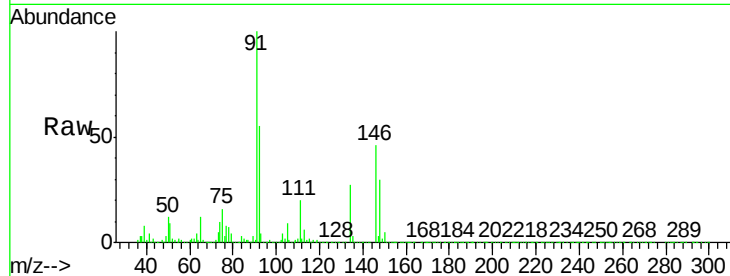
#89
n-Butylbenzene
Concen: 54.304 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2520453
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 26.7 13.4 40.2

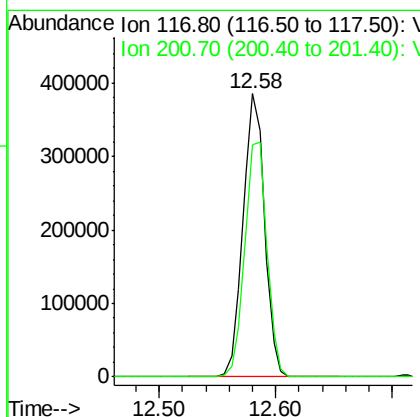
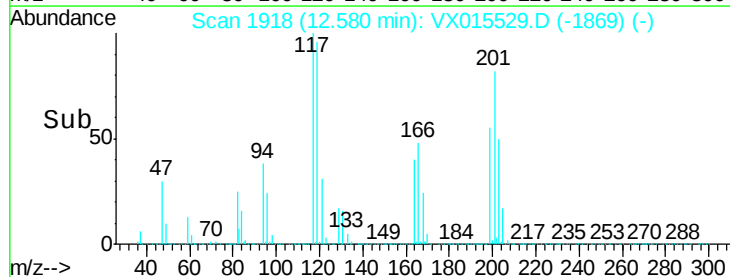
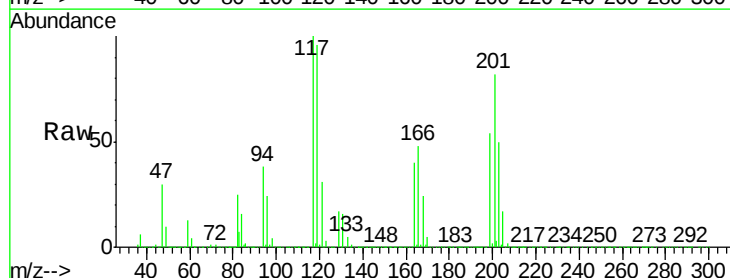
Manual Integrations
APPROVED

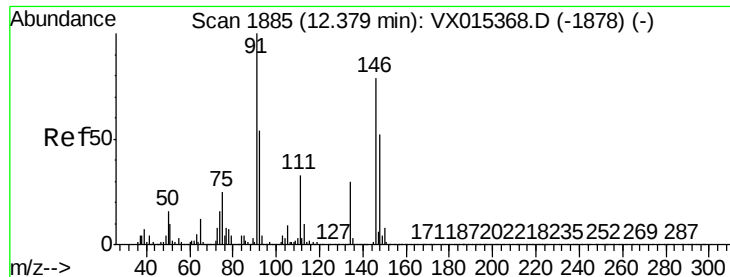
MMDadoda
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#90
Hexachloroethane
Concen: 49.937 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion: 117 Resp: 499205
Ion Ratio Lower Upper
117 100
201 86.0 42.6 128.0





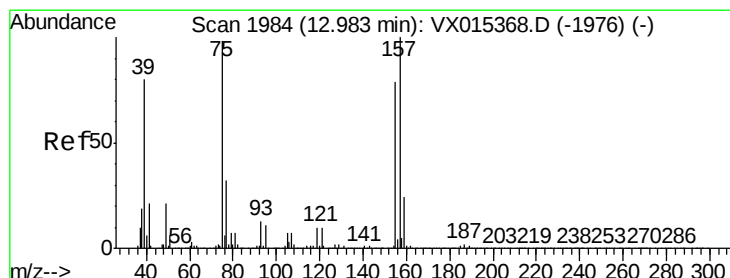
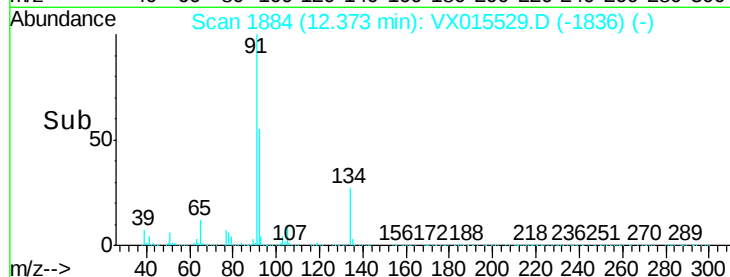
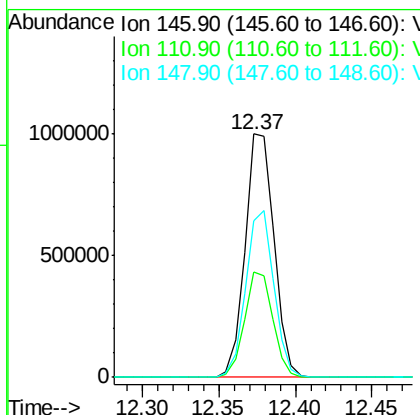
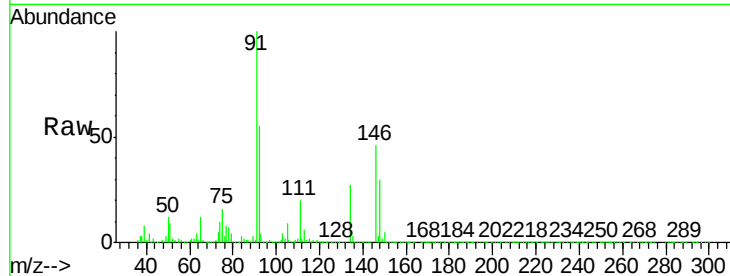
#91
 1,2-Dichlorobenzene
 Concen: 49.009 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.0	63.0
148	66.5	32.4	97.0

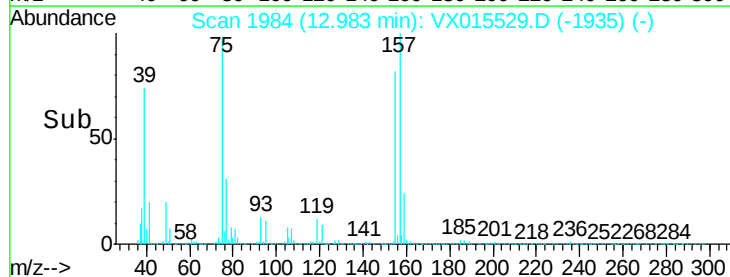
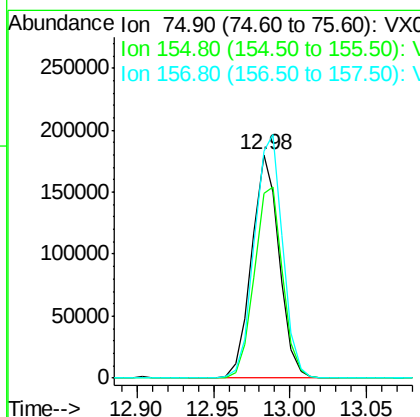
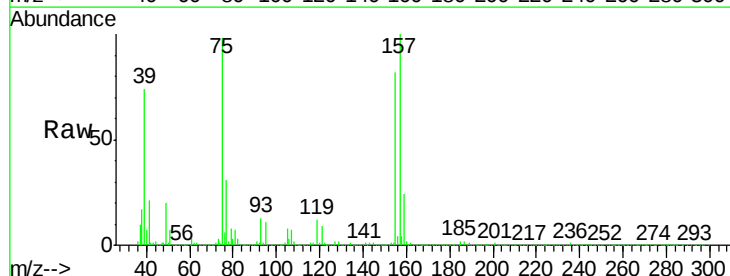
Manual Integrations
 APPROVED

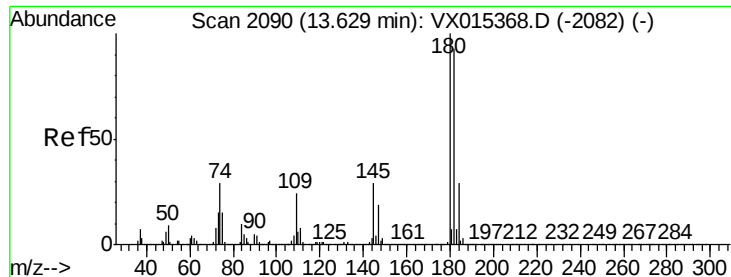
MMDadoda
 4/8/2020 11:12:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 40.263 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	42.8	128.4
157	112.3	53.4	160.3





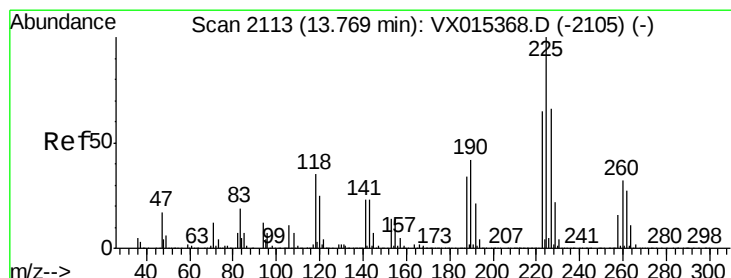
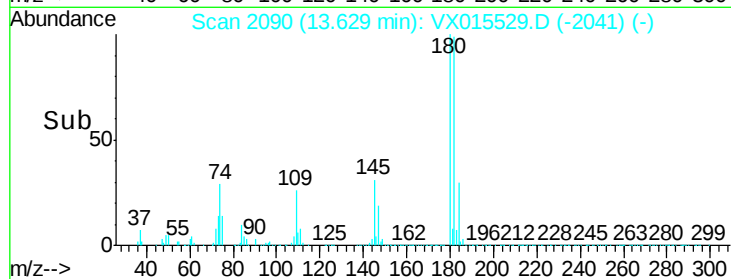
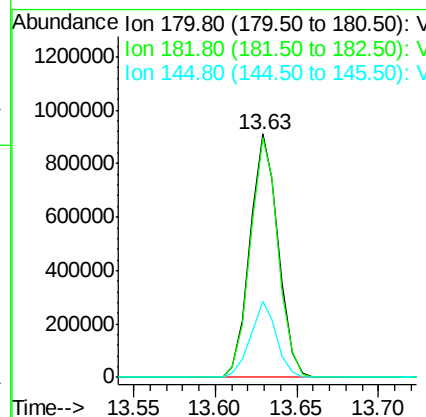
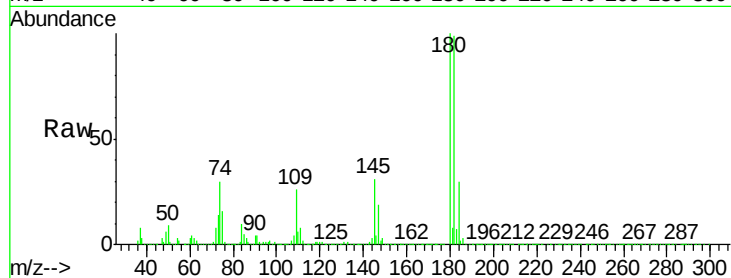
#93
 1,2,4-Trichlorobenzene
 Concen: 51.637 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.9	140.7
145	29.1	14.9	44.5

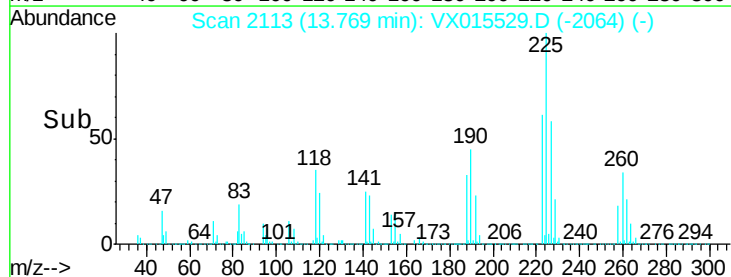
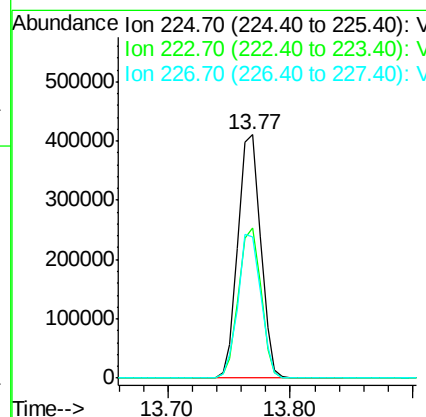
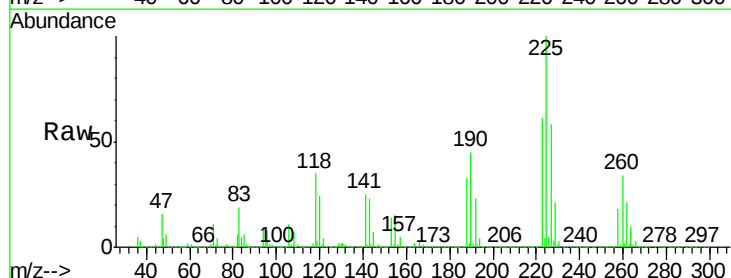
Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:12:01 AM



#94
 Hexachlorobutadiene
 Concen: 52.194 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015529.D
 Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.7	31.9	95.7
227	59.7	30.4	91.3





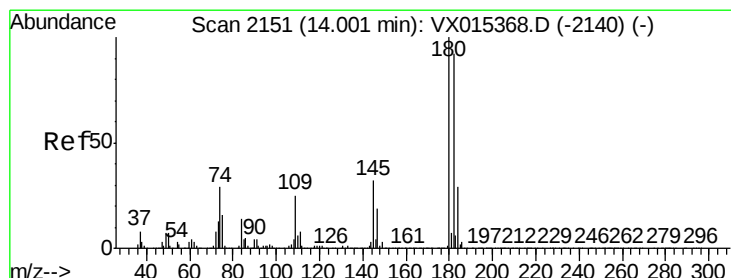
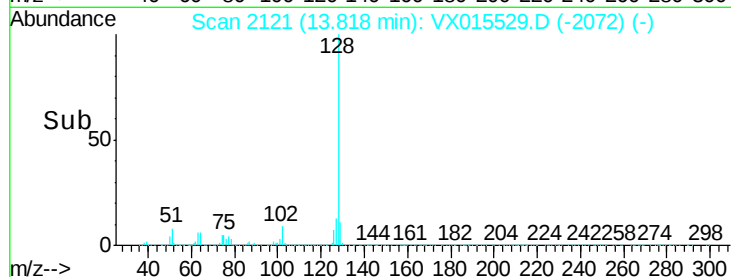
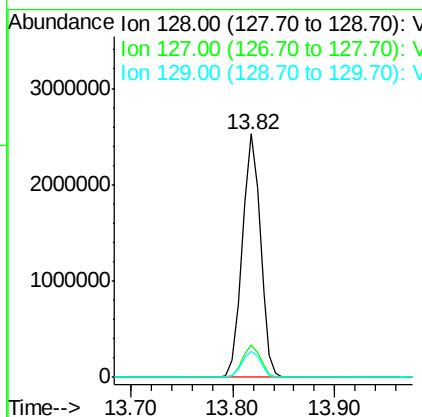
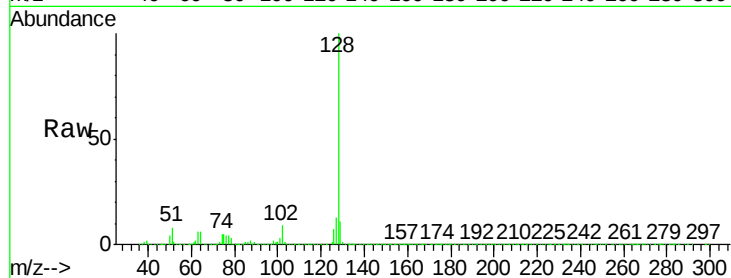
#95
Naphthalene
Concen: 47.780 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/8/2020 11:12:01 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.885 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. 0.00 min
Lab File: VX015529.D
Acq: 07 Apr 2020 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	46.7	140.0
145	31.6	15.8	47.3

