

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015877.D
 Acq On : 23 Apr 2020 06:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:16:52 PM

Quant Time: Apr 23 08:22:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	956495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1491720	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1397120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	745476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	545777	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.47	113	424895	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	8.70	98	1650170	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	11.12	95	677276	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	460758	56.276	ug/l	97
3) Chloromethane	1.31	50	419484	50.027	ug/l	100
4) Vinyl Chloride	1.39	62	485084	49.979	ug/l	98
5) Bromomethane	1.62	94	176961	54.362	ug/l	99
6) Chloroethane	1.71	64	290552	52.534	ug/l	97
7) Trichlorofluoromethane	1.92	101	646875	53.718	ug/l	98
8) Diethyl Ether	2.17	74	255650	52.351	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	406718	49.789	ug/l	99
10) Methyl Iodide	2.49	142	467039	46.277	ug/l	99
11) Tert butyl alcohol	3.01	59	591369	266.056	ug/l	99
12) 1,1-Dichloroethene	2.36	96	434085	51.814	ug/l	97
13) Acrolein	2.27	56	218026	165.776	ug/l	100
14) Allyl chloride	2.71	41	906103	50.897	ug/l	99
15) Acrylonitrile	3.12	53	1392964	269.992	ug/l	99
16) Acetone	2.42	43	1178028	248.693	ug/l	100
17) Carbon Disulfide	2.55	76	1151694	37.855	ug/l	99
18) Methyl Acetate	2.75	43	805885	51.534	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1594751	53.921	ug/l	99
20) Methylene Chloride	2.84	84	491739	51.136	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	481679	51.820	ug/l	96
22) Diisopropyl ether	3.83	45	1711144	53.328	ug/l	96
23) Vinyl Acetate	3.79	43	7086124	266.830	ug/l	100
24) 1,1-Dichloroethane	3.67	63	890219	53.229	ug/l	99
25) 2-Butanone	4.64	43	1987383	265.442	ug/l	97
26) 2,2-Dichloropropane	4.55	77	555676	37.195	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	557320	52.812	ug/l	95
28) Bromochloromethane	4.98	49	417194	47.541	ug/l #	97
29) Tetrahydrofuran	5.09	42	1305368	263.594	ug/l	99
30) Chloroform	5.19	83	869542	51.676	ug/l	96
31) Cyclohexane	5.55	56	830293	52.239	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	791551	52.760	ug/l	99
36) 1,1-Dichloropropene	5.78	75	670383	50.693	ug/l	99
37) Ethyl Acetate	4.79	43	797268	50.656	ug/l	99
38) Carbon Tetrachloride	5.76	117	689971	52.968	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	793888	47.405	ug/l	99
40) Benzene	6.12	78	2018689	50.683	ug/l	99
41) Methacrylonitrile	5.01	41	462232	52.853	ug/l	99
42) 1,2-Dichloroethane	6.17	62	721667	50.316	ug/l	99
43) Isopropyl Acetate	6.42	43	1354645	51.025	ug/l	99
44) Trichloroethene	7.19	130	666277	47.600	ug/l	98
45) 1,2-Dichloropropane	7.49	63	532885	51.052	ug/l	99
46) Dibromomethane	7.64	93	361127	47.394	ug/l	98
47) Bromodichloromethane	7.88	83	707012	52.158	ug/l	99
48) Methyl methacrylate	7.75	41	669136	51.239	ug/l	99
49) 1,4-Dioxane	7.72	88	241610	978.952	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	3938197	256.993	ug/l	100
52) Toluene	8.77	92	1271778	49.815	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	814075	48.402	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	849916	47.812	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	507957	50.954	ug/l	98
56) Ethyl methacrylate	9.16	69	863735	51.152	ug/l	99
57) 1,3-Dichloropropane	9.36	76	868337	50.125	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2125298	251.948	ug/l	99
59) 2-Hexanone	9.48	43	2978272	255.119	ug/l	100
60) Dibromochloromethane	9.57	129	565004	54.882	ug/l	96
61) 1,2-Dibromoethane	9.65	107	539820	48.995	ug/l	99
64) Tetrachloroethene	9.32	164	827237	43.928	ug/l	88
65) Chlorobenzene	10.12	112	1394395	49.910	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	544616	52.151	ug/l	98
67) Ethyl Benzene	10.24	91	2540942	51.791	ug/l	99
68) m/p-Xylenes	10.34	106	1878025	101.982	ug/l	99
69) o-Xylene	10.68	106	895960	49.442	ug/l	99
70) Styrene	10.70	104	1603458	51.102	ug/l	99
71) Bromoform	10.84	173	440854	64.783	ug/l #	95
73) Isopropylbenzene	11.00	105	2474032	52.255	ug/l	99
74) N-amyl acetate	10.88	43	1243618	50.881	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	549005	54.792	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	721756m	50.915	ug/l	
77) Bromobenzene	11.24	156	673326	52.050	ug/l	99
78) n-propylbenzene	11.34	91	2810686	51.823	ug/l	99
79) 2-Chlorotoluene	11.40	91	1665822	51.132	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2091032	51.796	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	258336	43.838	ug/l	98
82) 4-Chlorotoluene	11.49	91	1974283	50.997	ug/l	100
83) tert-Butylbenzene	11.76	119	1825981	50.991	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2242524	53.505	ug/l	100
85) sec-Butylbenzene	11.93	105	2365681	50.114	ug/l	100
86) p-Isopropyltoluene	12.05	119	2230587	50.533	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1183073	49.821	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1147782	48.285	ug/l	98
89) n-Butylbenzene	12.37	91	1867317	47.315	ug/l	100
90) Hexachloroethane	12.58	117	346903	74.394	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	1082256	48.052	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	163815	55.130	ug/l	95

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ClientSampleId :
VSTDCCC050EC

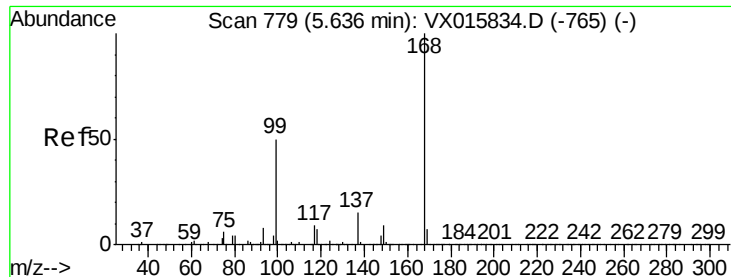
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 23 04:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	843306	47.522	ug/l	98
94) Hexachlorobutadiene	13.77	225	386368	48.560	ug/l	99
95) Naphthalene	13.82	128	2730116	53.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	850403	49.119	ug/l	99

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



#1

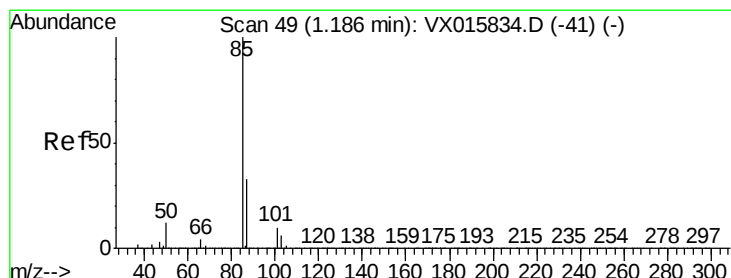
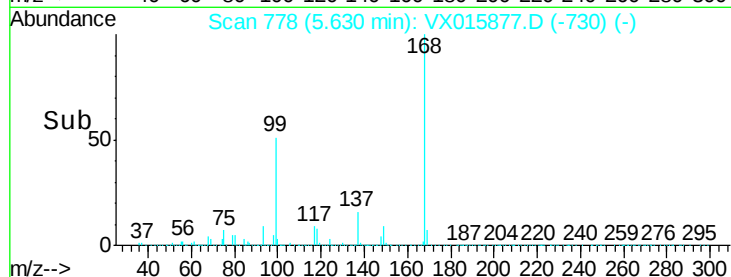
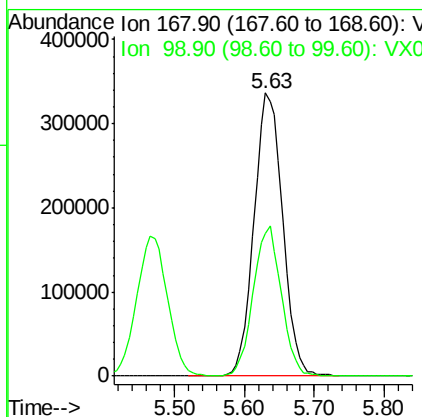
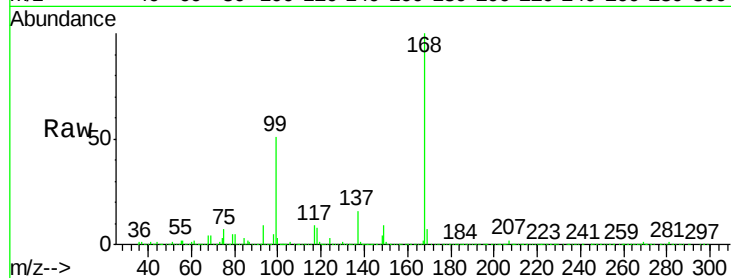
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100	956495		
99	50.3	40.3	60.5	

Manual Integrations
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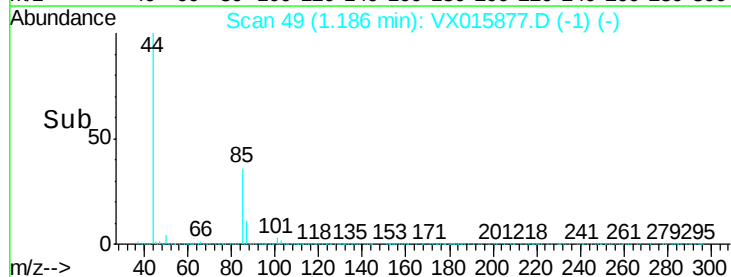
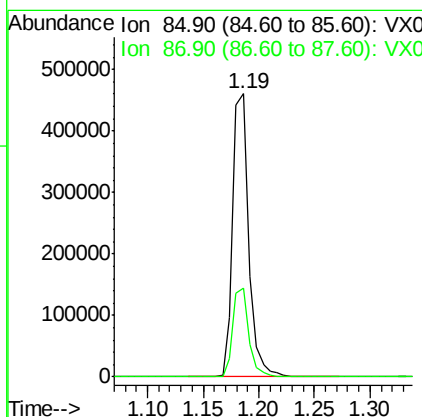
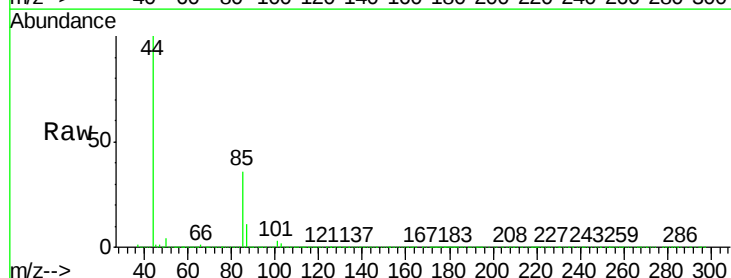
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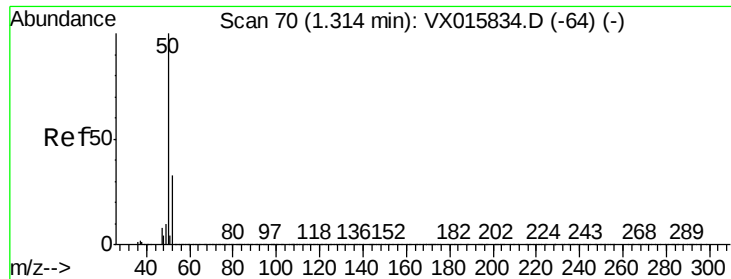


#2

Dichlorodifluoromethane
 Concen: 56.276 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	460758		
87	31.2	16.4	49.2	





#3

Chloromethane

Concen: 50.027 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 419484

Ion Ratio Lower Upper

50 100

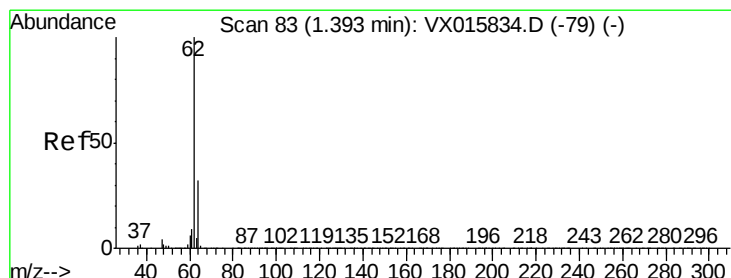
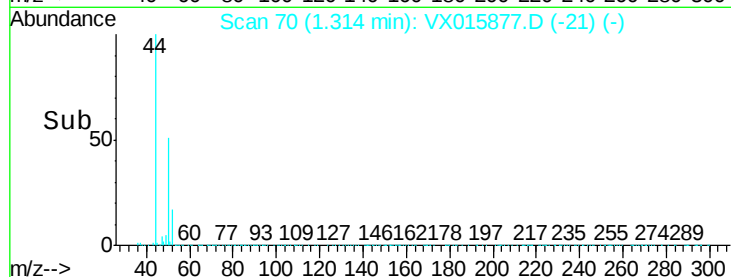
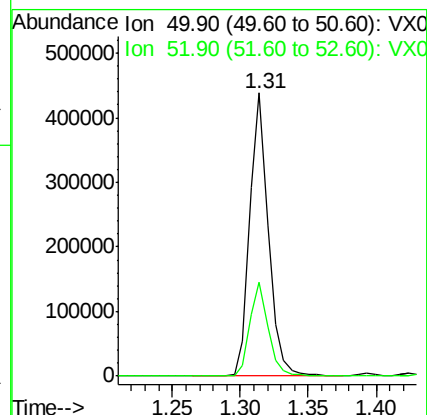
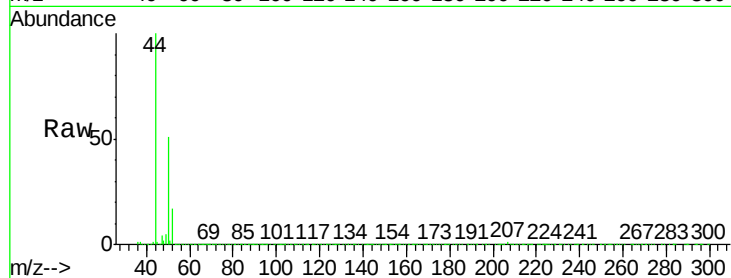
52 33.0 26.2 39.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.979 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015877.D

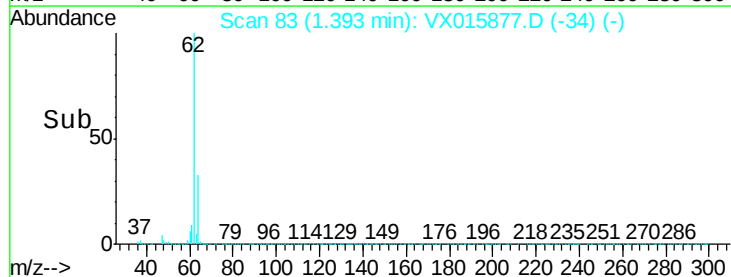
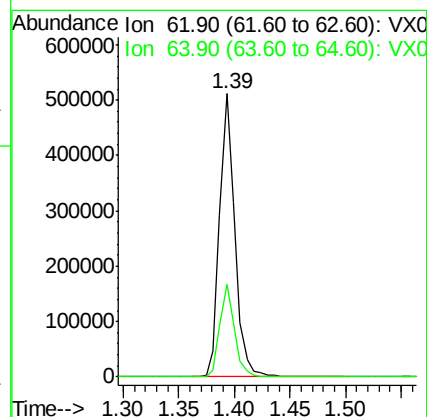
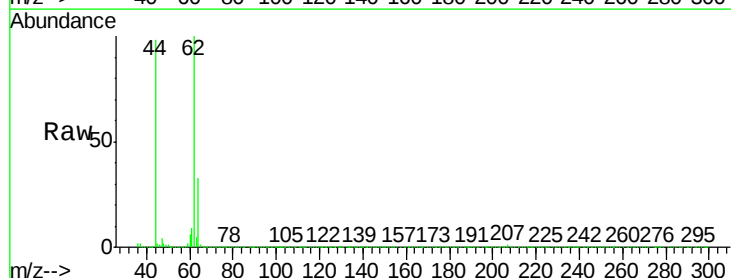
Acq: 23 Apr 2020 06:13

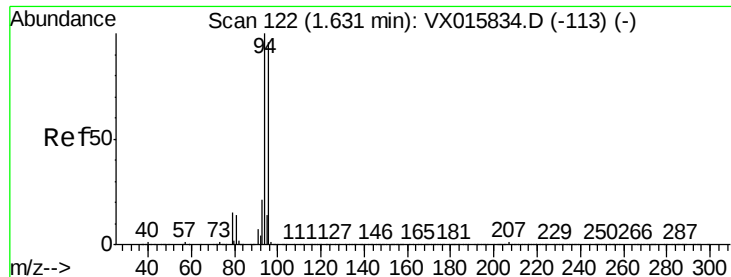
Tgt Ion: 62 Resp: 485084

Ion Ratio Lower Upper

62 100

64 32.8 25.4 38.2





#5

Bromomethane

Concen: 54.362 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 176961

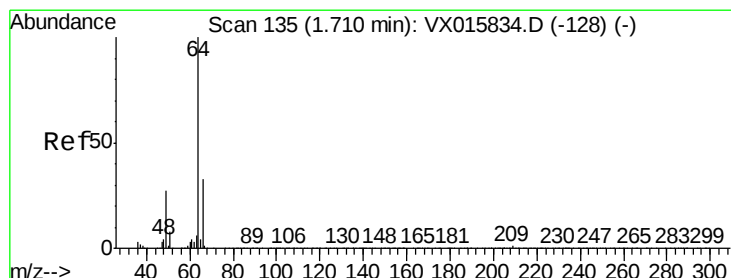
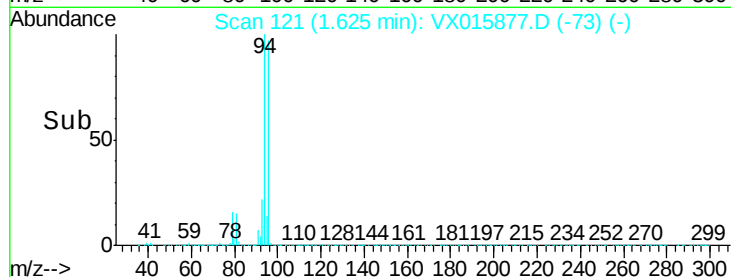
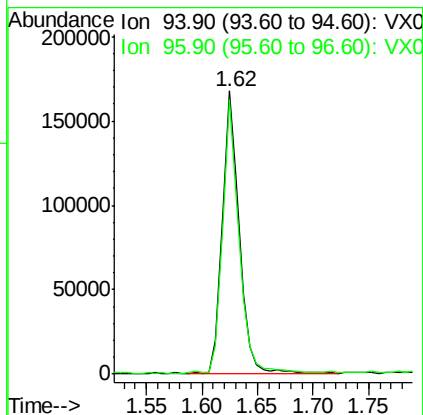
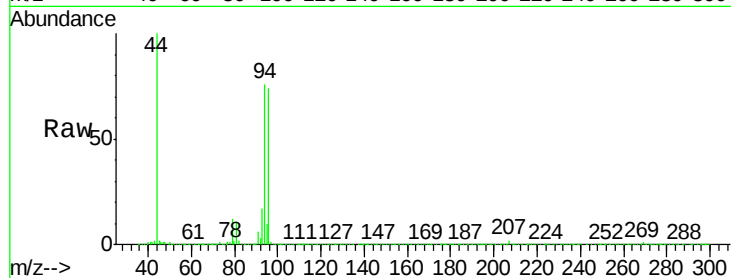
Ion Ratio Lower Upper

94 100

96 96.8 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 52.534 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015877.D

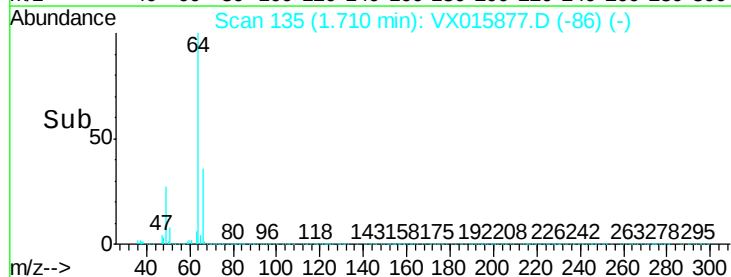
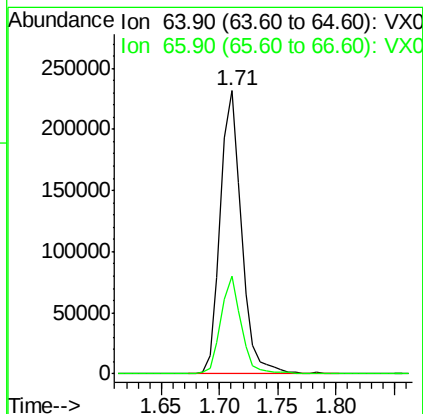
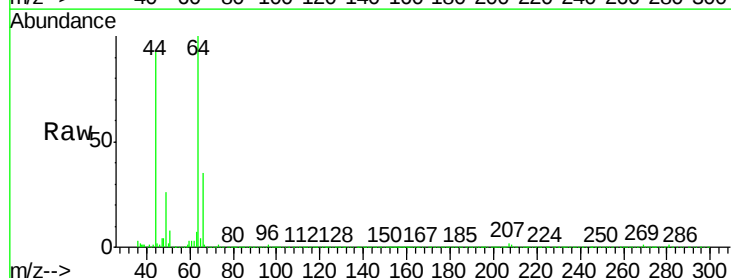
Acq: 23 Apr 2020 06:13

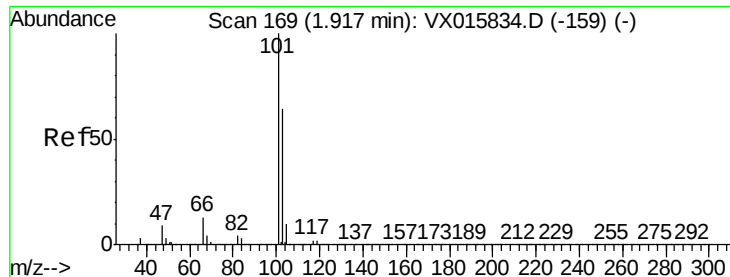
Tgt Ion: 64 Resp: 290552

Ion Ratio Lower Upper

64 100

66 34.4 26.2 39.2





#7

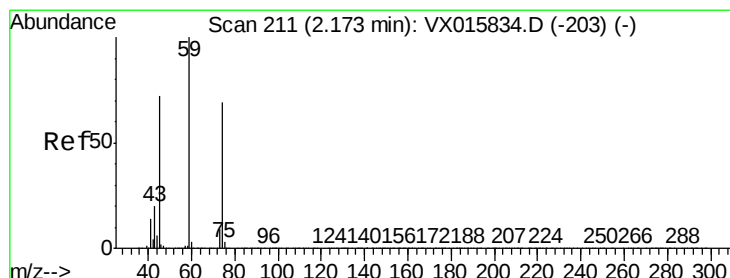
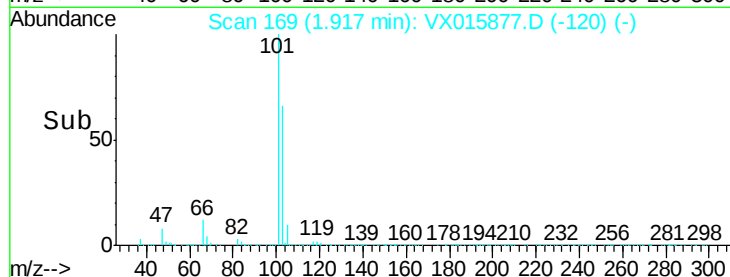
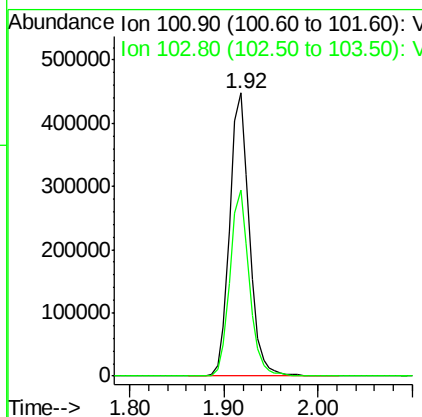
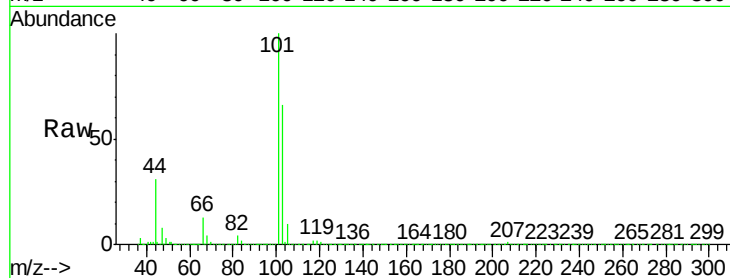
Trichlorofluoromethane
Concen: 53.718 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.7	51.4	77.0

Manual Integrations
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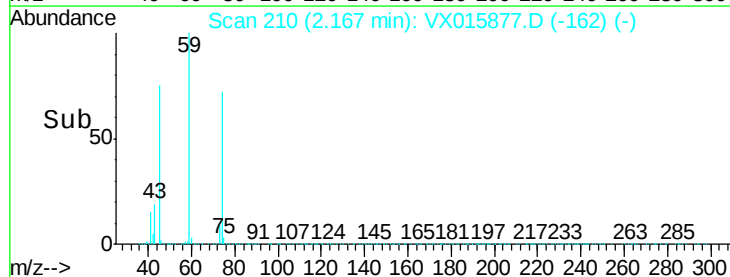
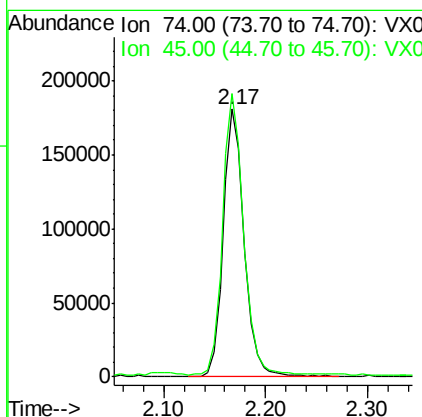
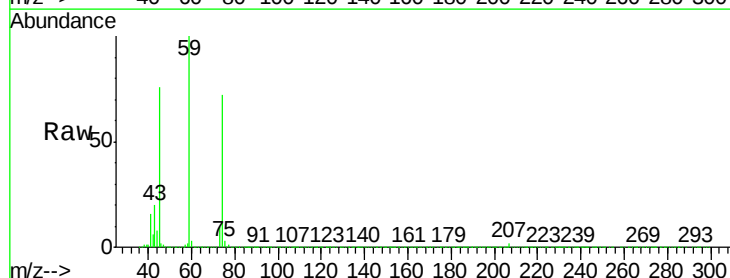
MMDadoda
4/23/2020 12:16:52 PM

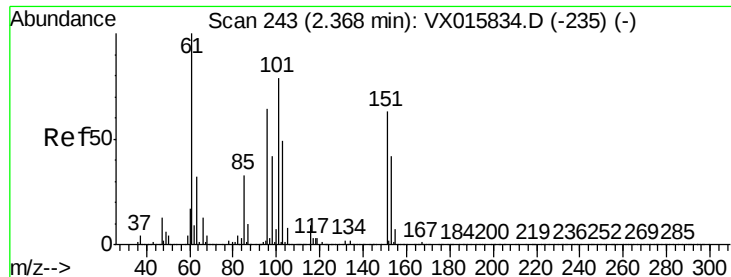


#8

Diethyl Ether
Concen: 52.351 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.789 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

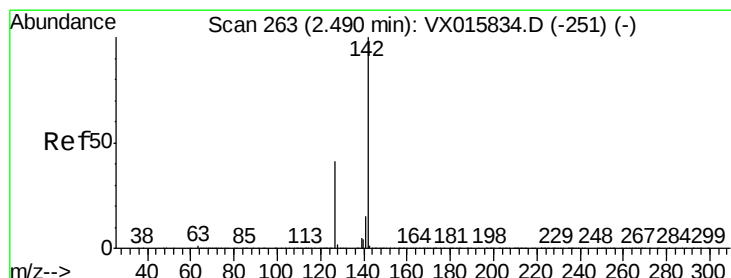
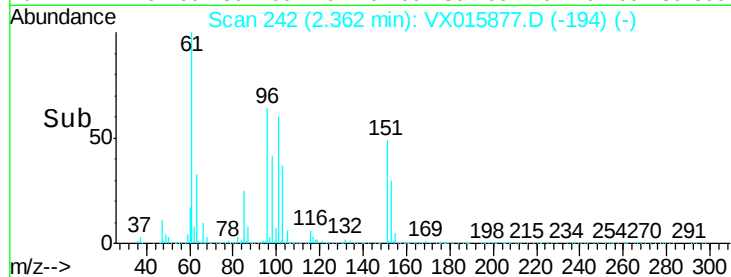
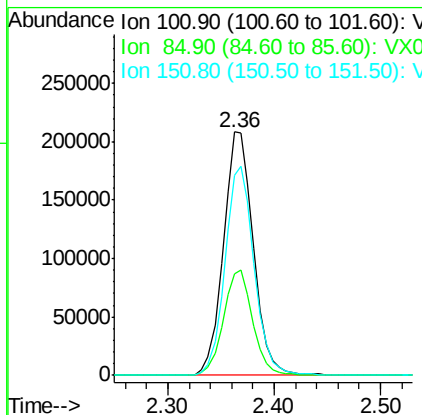
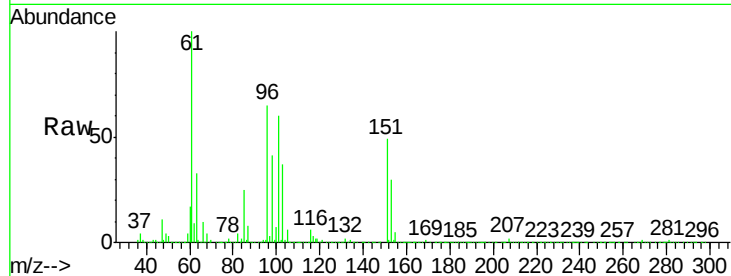
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	406718
Ion Ratio	Lower	Upper	
101	100		
85	42.8	33.8	50.6
151	83.8	67.8	101.6

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#10

Methyl Iodide

Concen: 46.277 ug/l

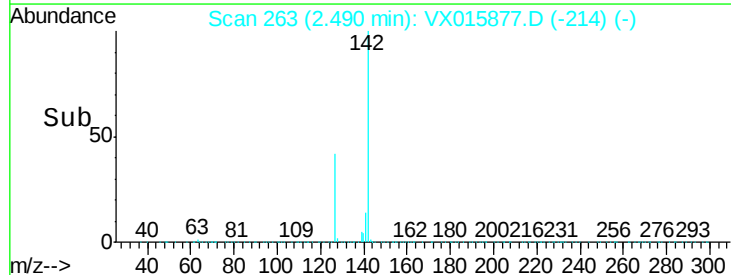
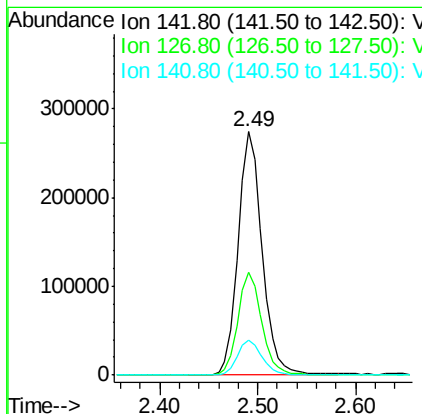
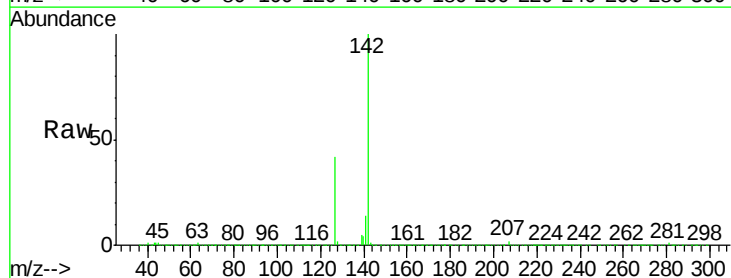
RT: 2.49 min Scan# 263

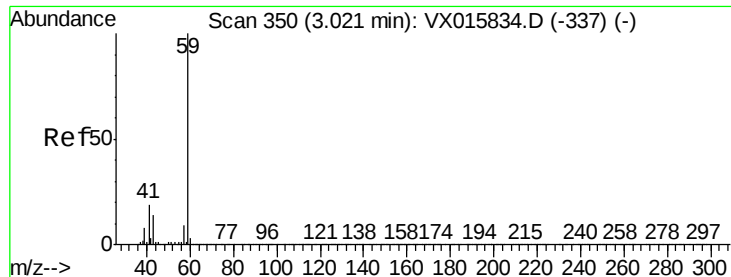
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	142	Resp:	467039
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.3	49.9
141	15.0	11.8	17.6





#11

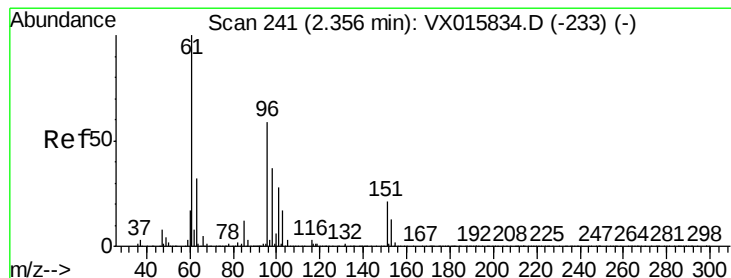
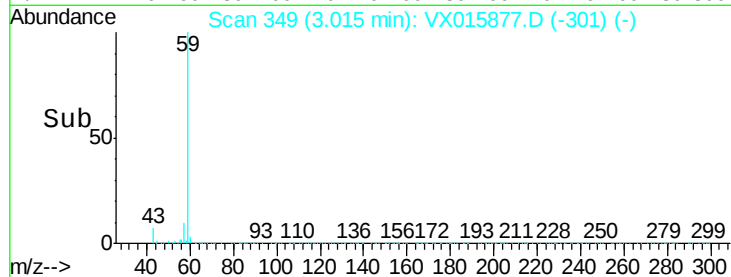
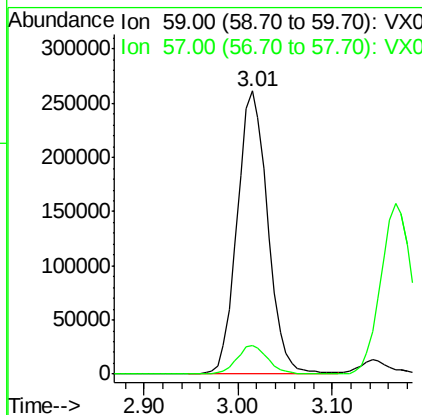
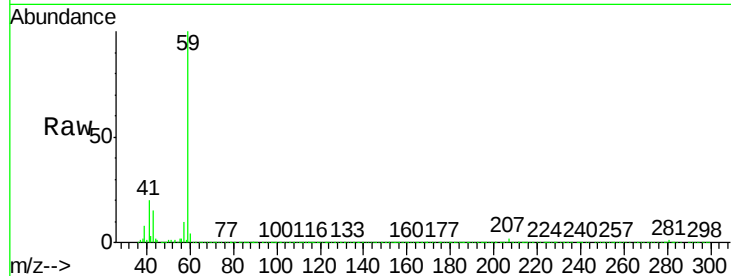
Tert butyl alcohol
 Concen: 266.056 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

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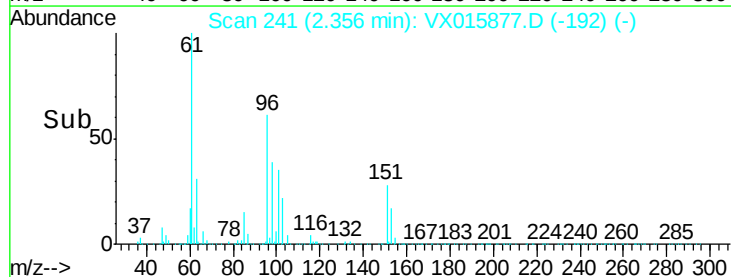
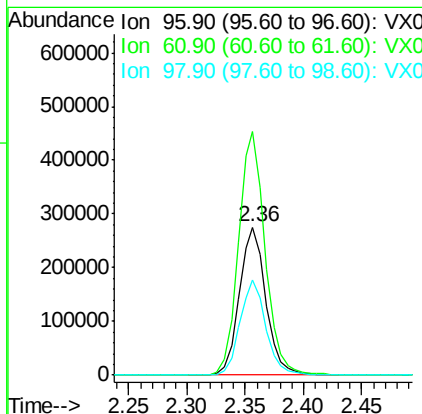
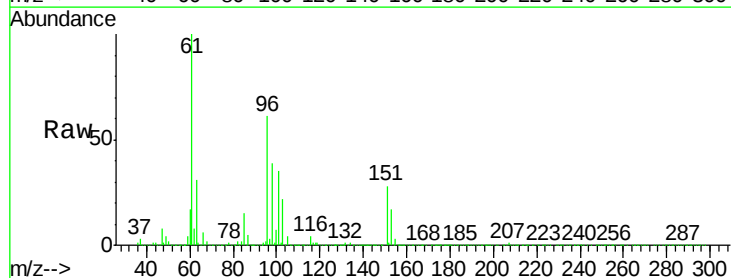
MMDadoda
 4/23/2020 12:16:52 PM

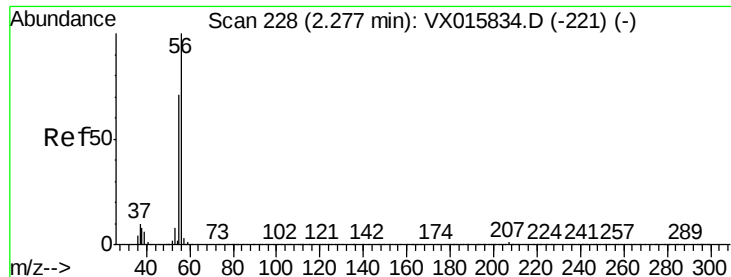


#12

1,1-Dichloroethene
 Concen: 51.814 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.6	135.0	202.6
98	64.6	50.6	76.0





#13

Acrolein

Concen: 165.776 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 218026

Ion Ratio Lower Upper

56 100

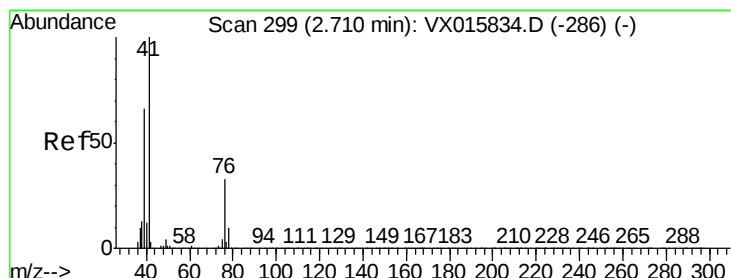
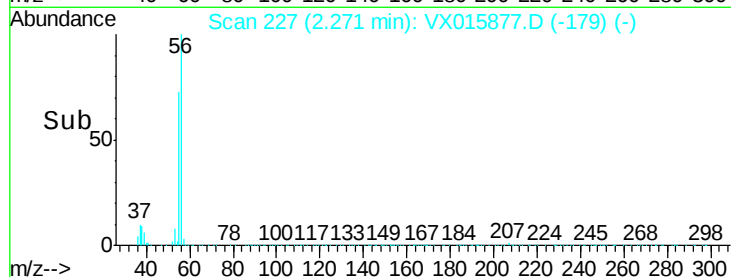
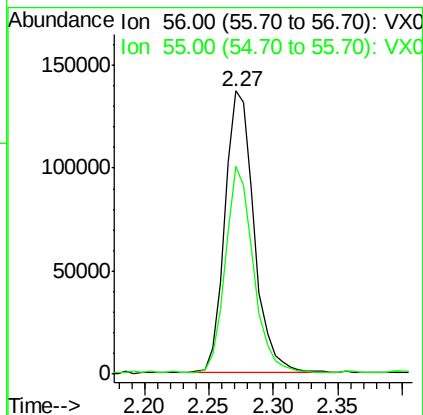
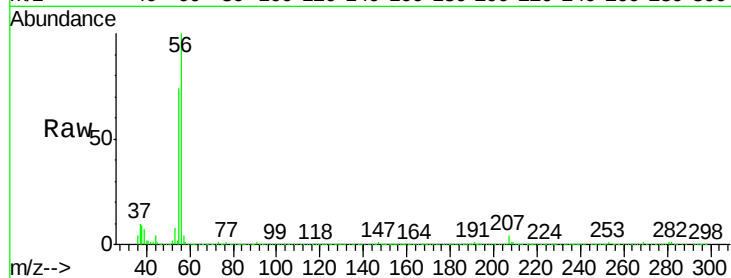
55 70.2 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 50.897 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

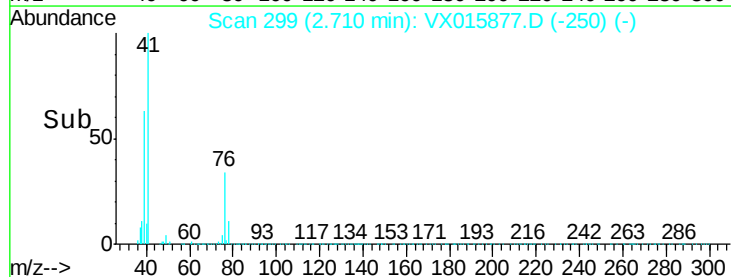
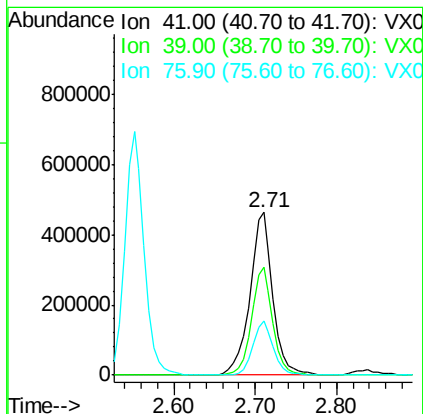
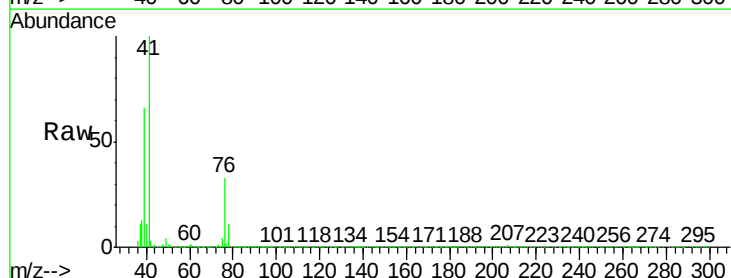
Tgt Ion: 41 Resp: 906103

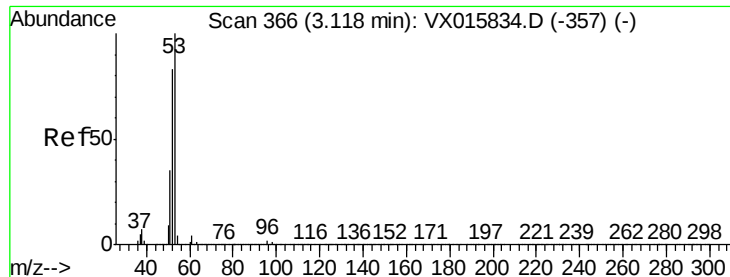
Ion Ratio Lower Upper

41 100

39 61.0 48.4 72.6

76 29.3 23.8 35.8





#15

Acrylonitrile

Concen: 269.992 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

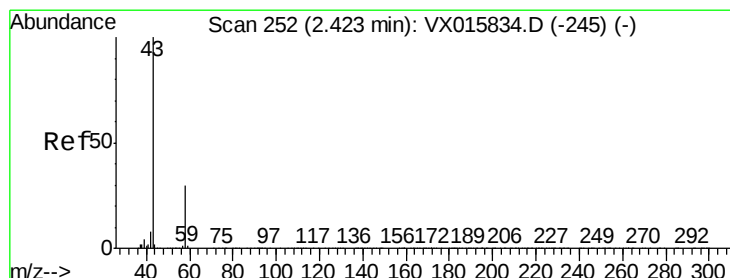
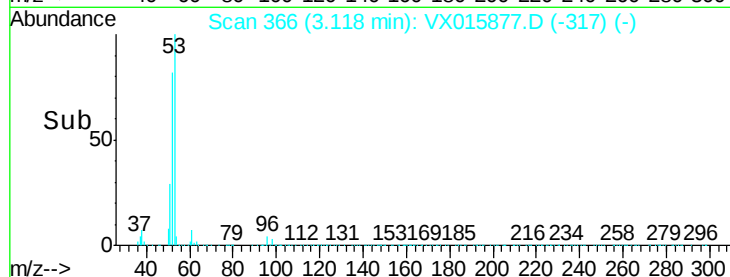
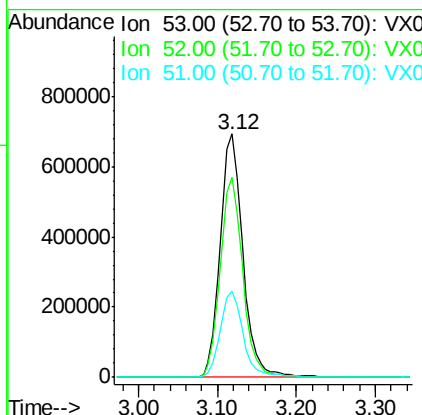
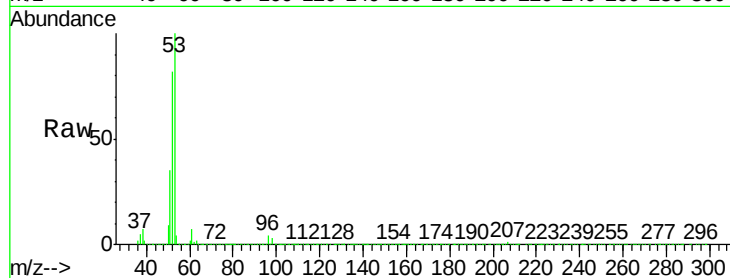
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	1392964
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.4
51	35.5	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 248.693 ug/l

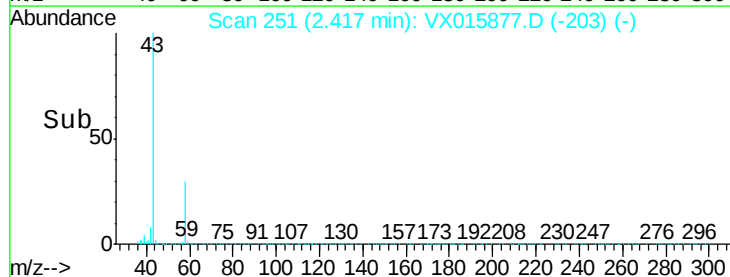
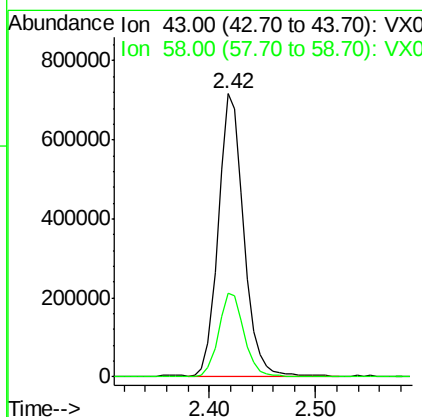
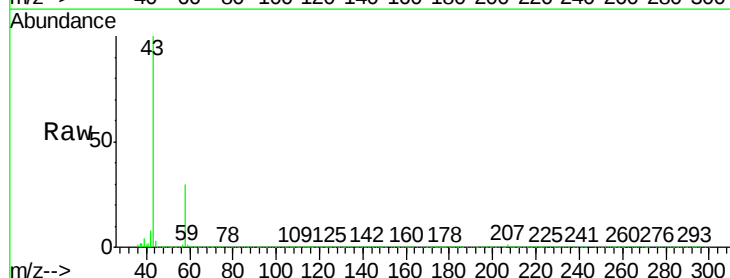
RT: 2.42 min Scan# 251

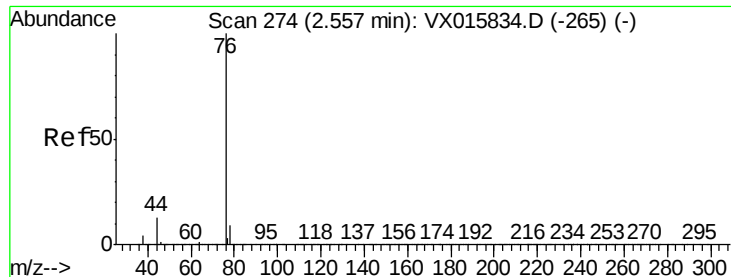
Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	43	Resp:	1178028
Ion	Ratio	Lower	Upper
43	100		
58	29.8	24.0	36.0





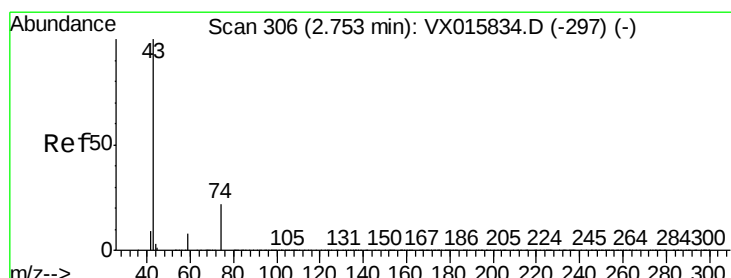
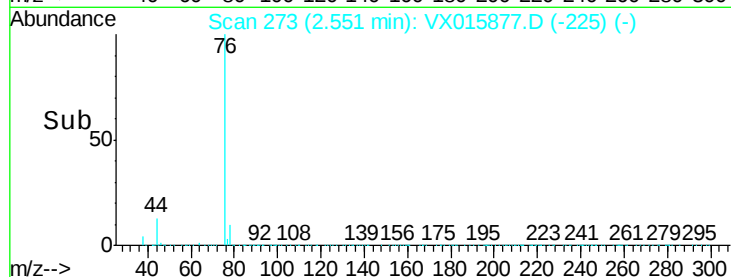
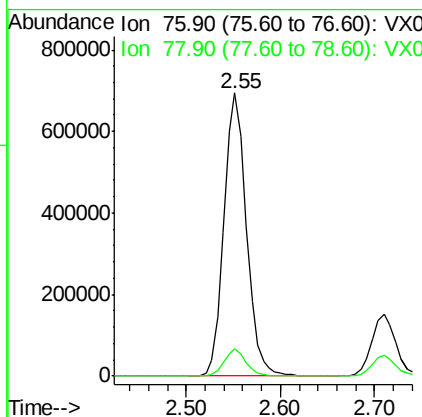
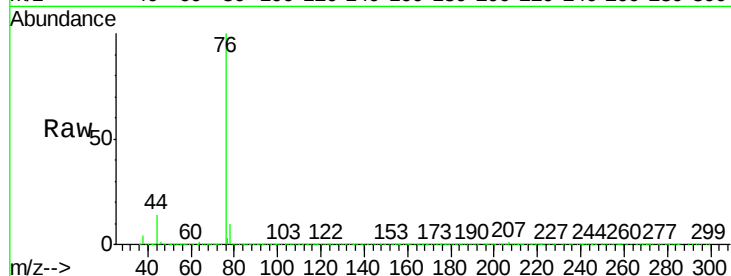
#17
Carbon Disulfide
Concen: 37.855 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 1151694
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2

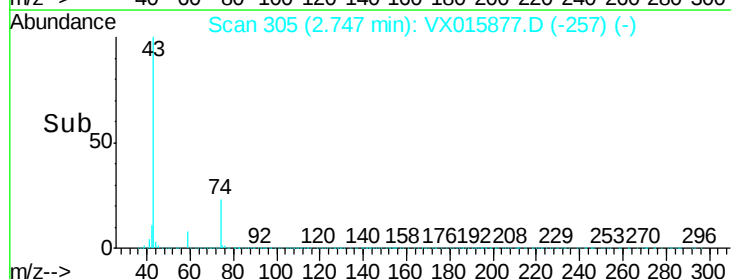
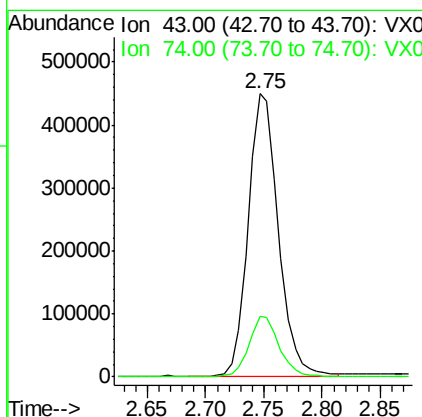
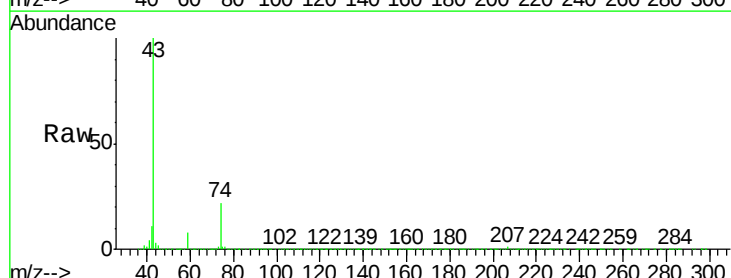
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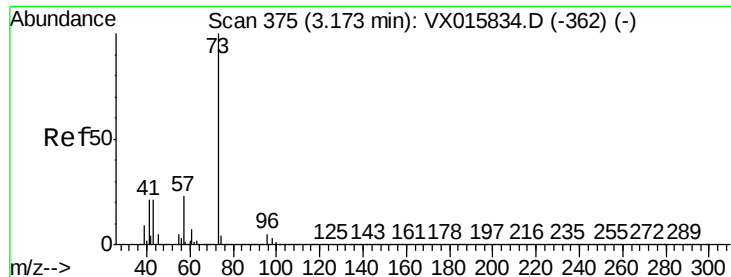
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#18
Methyl Acetate
Concen: 51.534 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion: 43 Resp: 805885
Ion Ratio Lower Upper
43 100
74 21.5 17.9 26.9





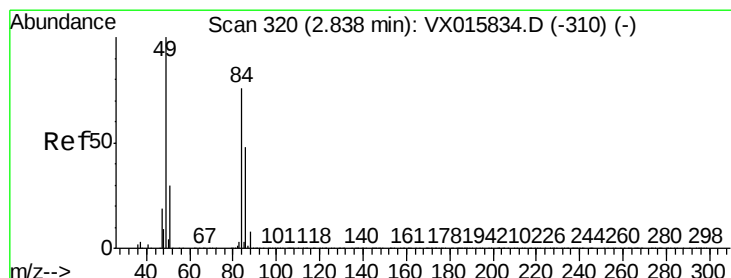
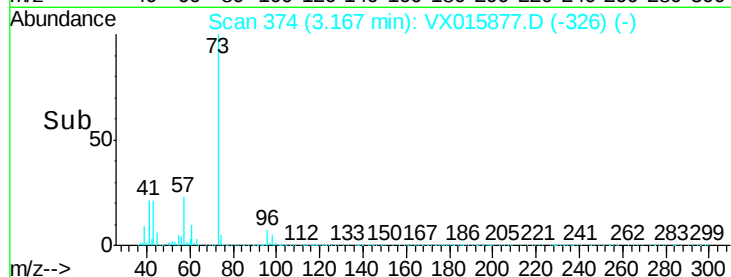
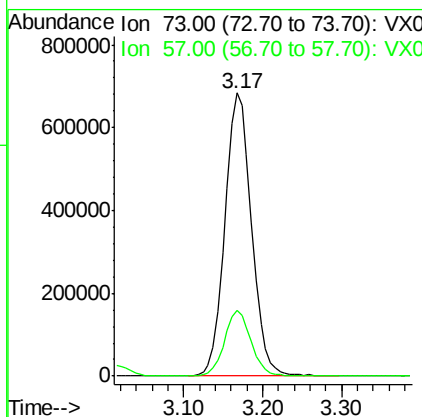
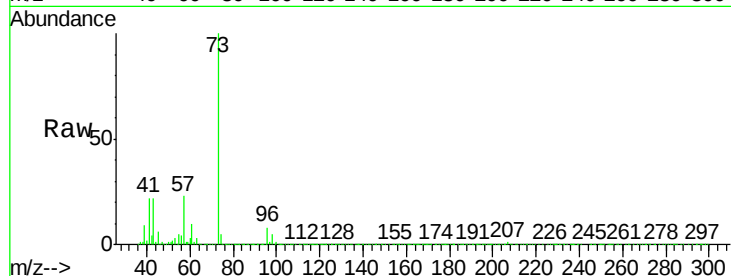
#19
Methyl tert-butyl Ether
Concen: 53.921 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1594751
Ion Ratio Lower Upper
73 100
57 23.0 18.1 27.1

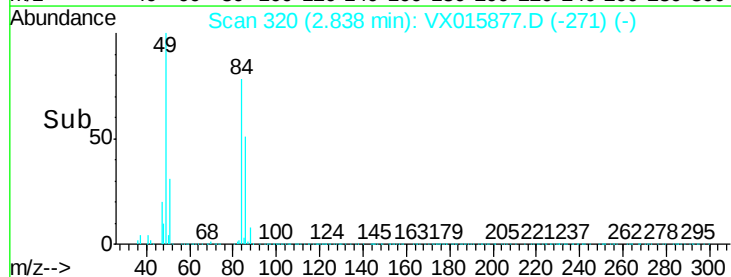
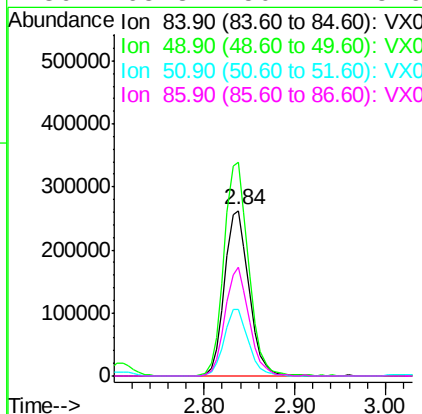
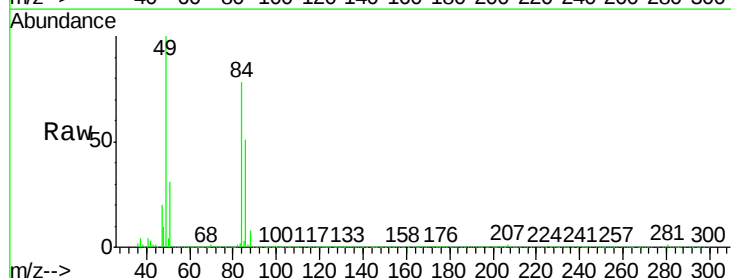
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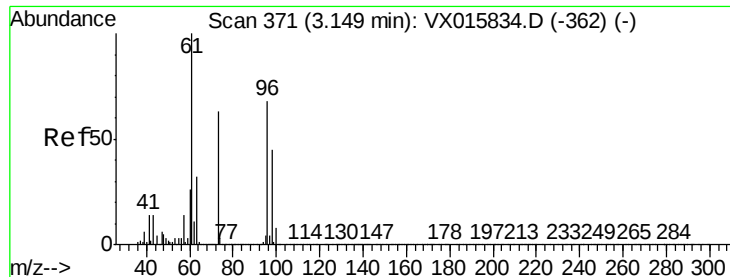
MMDadoda
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#20
Methylene Chloride
Concen: 51.136 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion: 84 Resp: 491739
Ion Ratio Lower Upper
84 100
49 128.9 104.9 157.3
51 39.9 32.0 48.0
86 65.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 51.820 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 481679

Ion Ratio Lower Upper

96 100

61 142.7 117.5 176.3

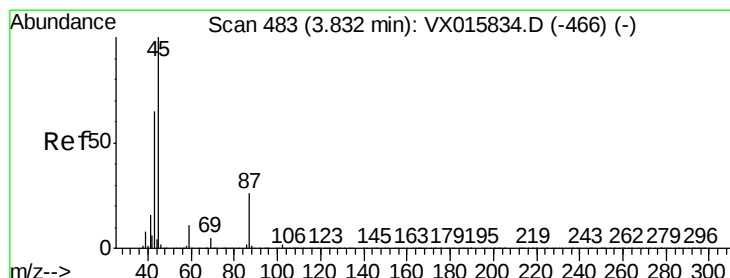
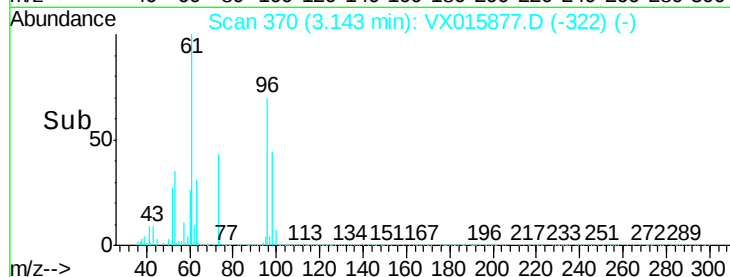
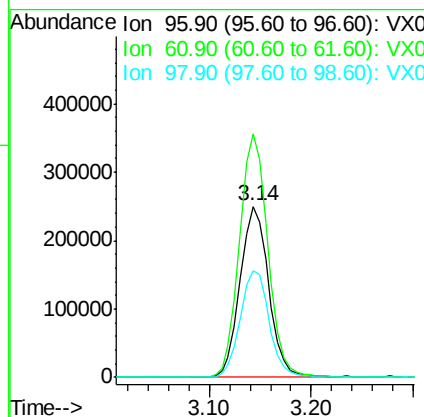
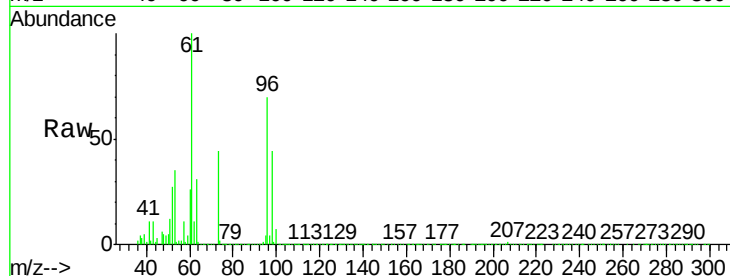
98 62.5 52.7 79.1

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#22

Diisopropyl ether

Concen: 53.328 ug/l

RT: 3.83 min Scan# 482

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion: 45 Resp: 1711144

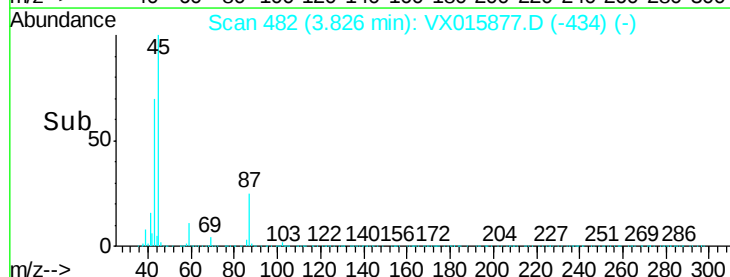
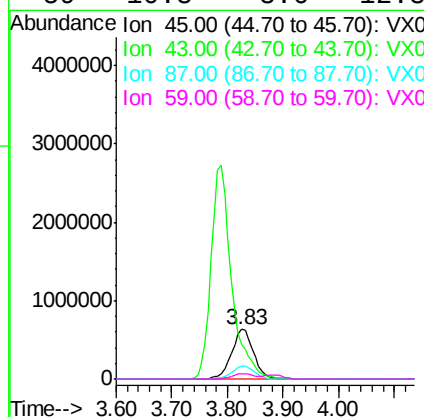
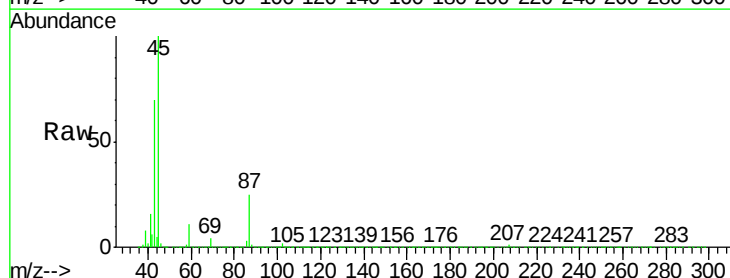
Ion Ratio Lower Upper

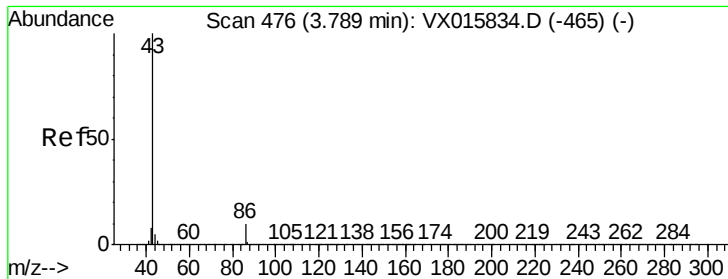
45 100

43 69.8 52.4 78.6

87 25.1 20.7 31.1

59 10.8 8.6 12.8





#23

Vinyl Acetate

Concen: 266.830 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 7086124

Ion Ratio Lower Upper

43 100

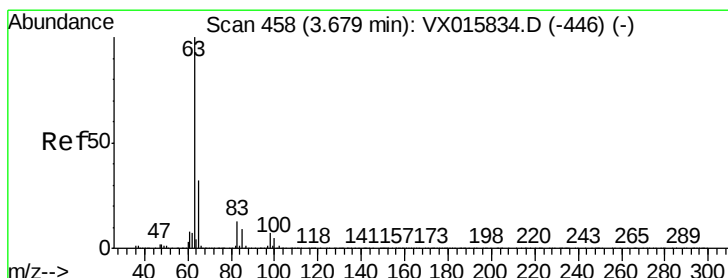
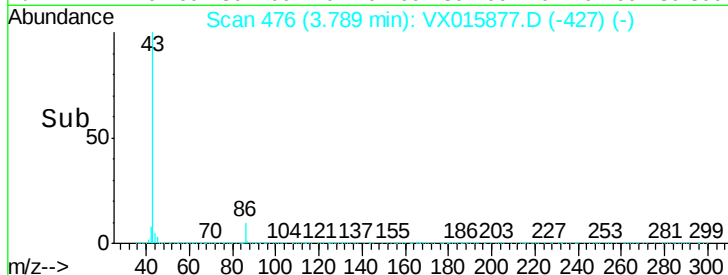
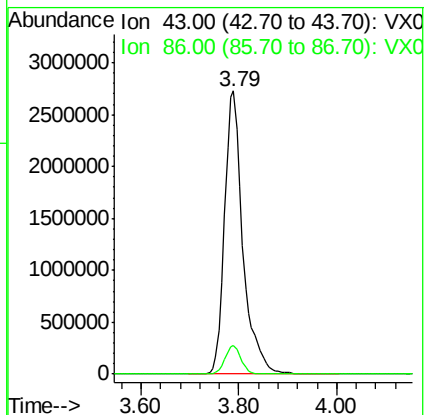
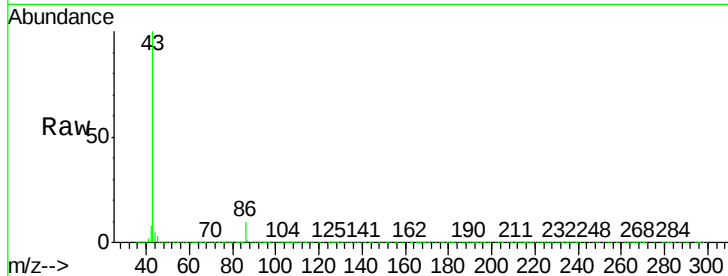
86 10.0 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.229 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

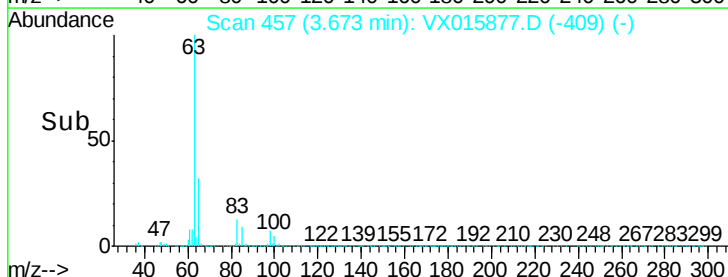
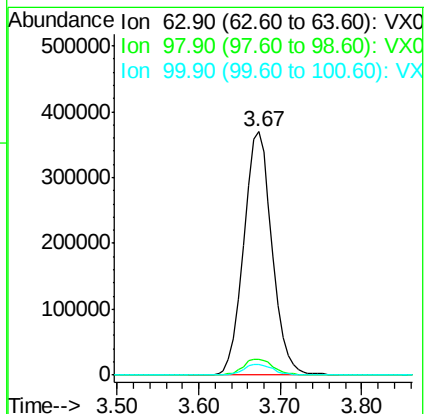
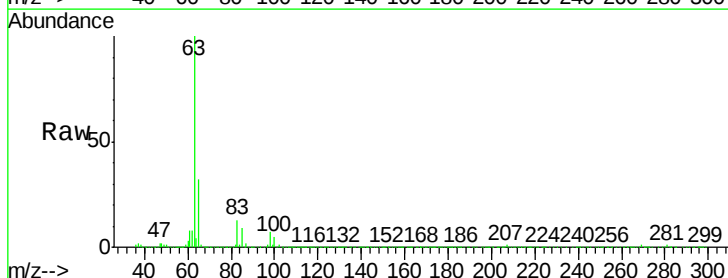
Tgt Ion: 63 Resp: 890219

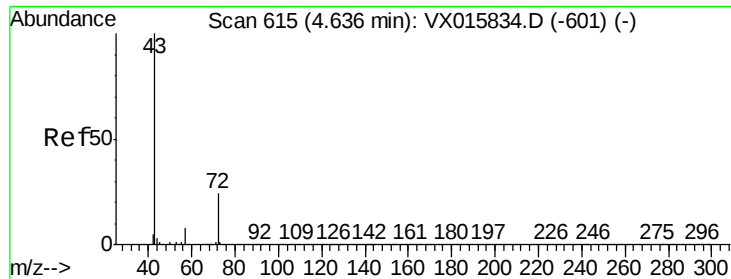
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.5 2.3 6.8





#25

2-Butanone

Concen: 265.442 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tot Ion: 43 Resp: 1987383

Ion Ratio Lower Upper

43 100

72 22.9 19.4 29.2

Instrument :

MSVOA_X

ClientSampleId :

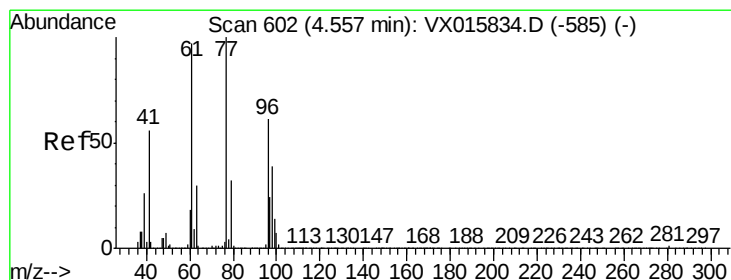
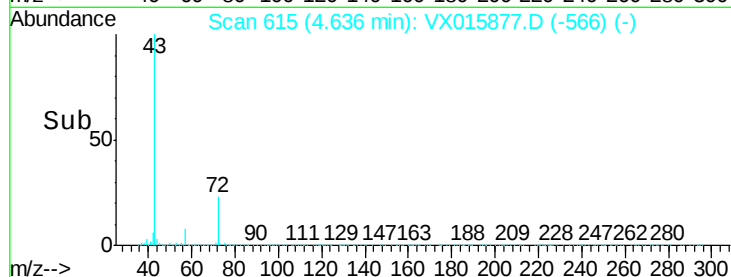
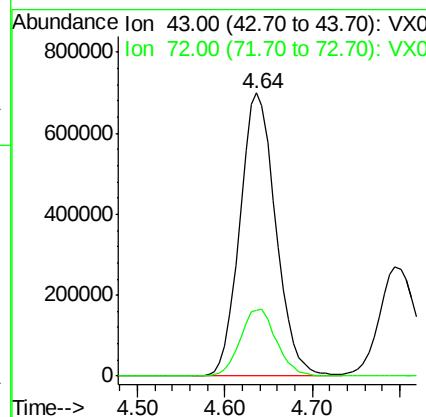
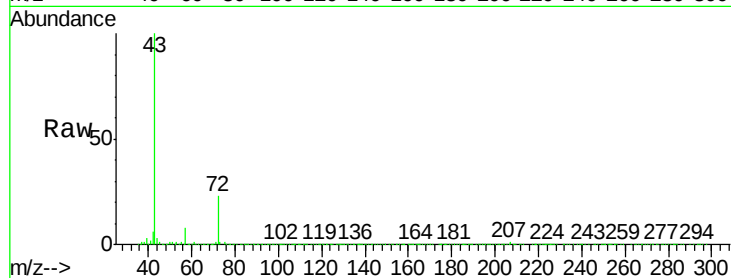
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 37.195 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015877.D

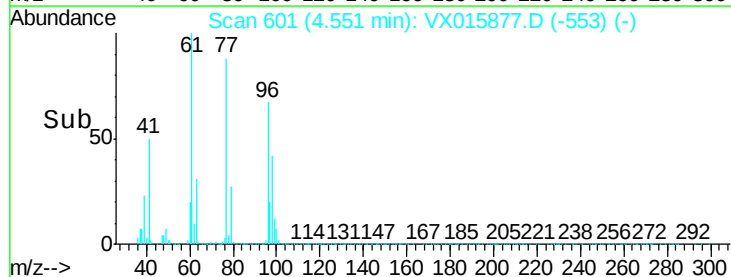
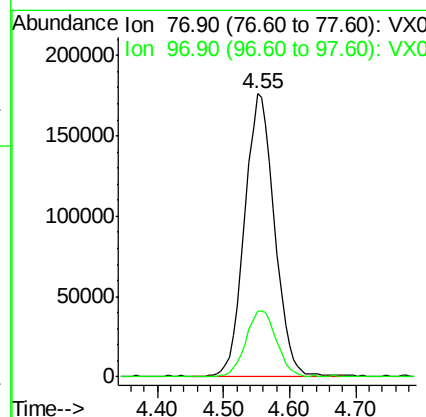
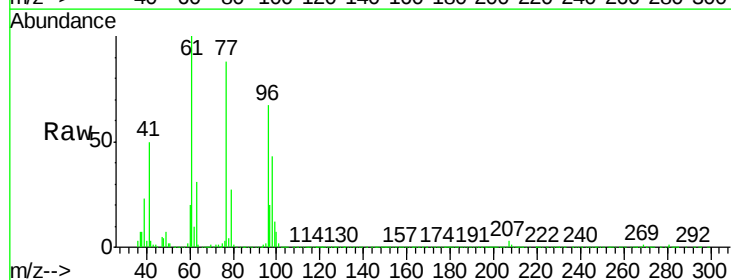
Acq: 23 Apr 2020 06:13

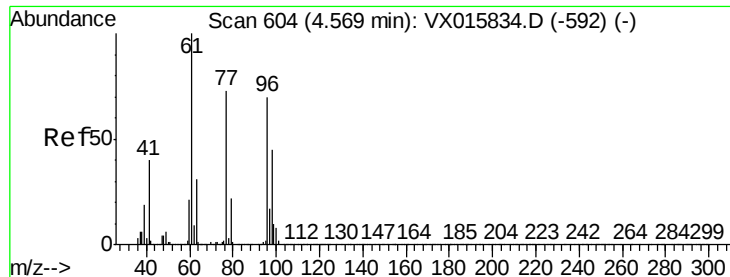
Tgt Ion: 77 Resp: 555676

Ion Ratio Lower Upper

77 100

97 23.6 11.4 34.1





#27

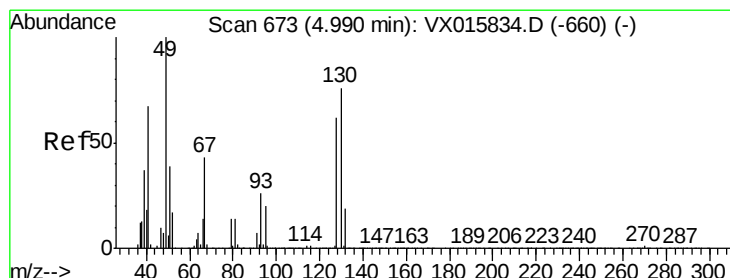
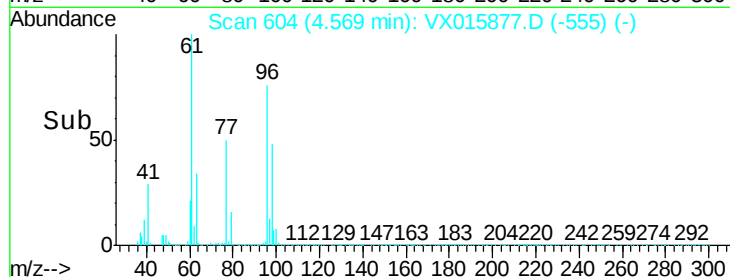
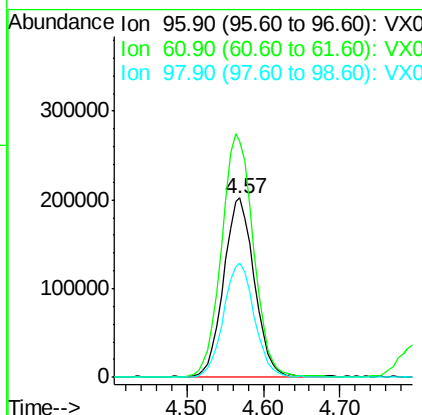
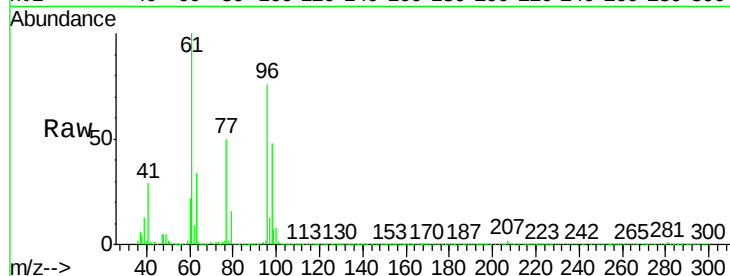
cis-1,2-Dichloroethene
Concen: 52.812 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	141.4	0.0	299.4	
98	64.0	0.0	129.6	

Manual Integrations
APPROVED

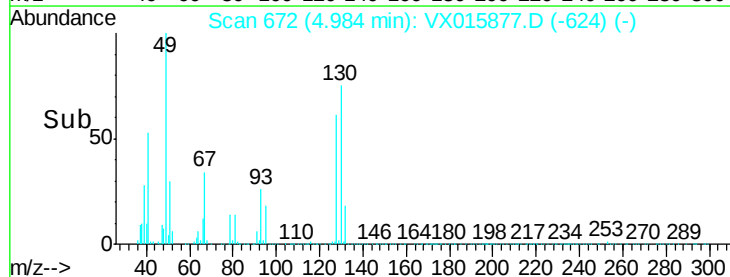
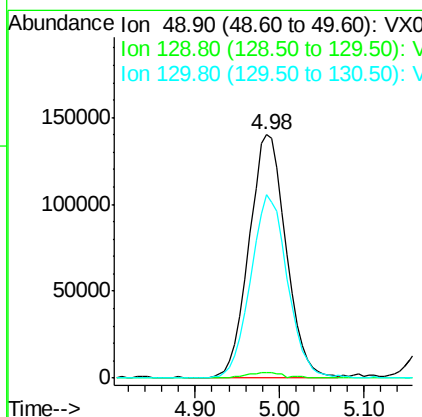
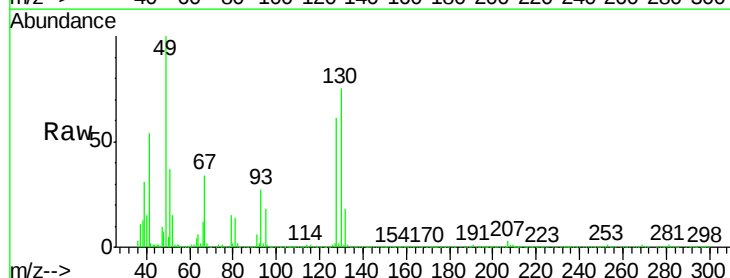
MMDadoda
4/23/2020 12:16:52 PM

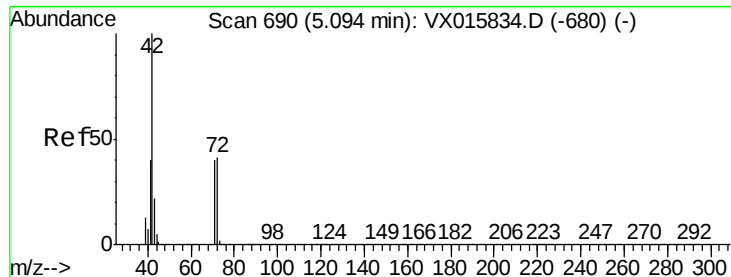


#28

Bromochloromethane
Concen: 47.541 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	1.9	0.0	1.8#	
130	75.3	62.4	93.6	





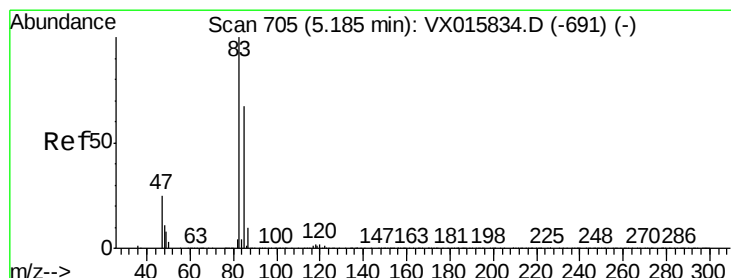
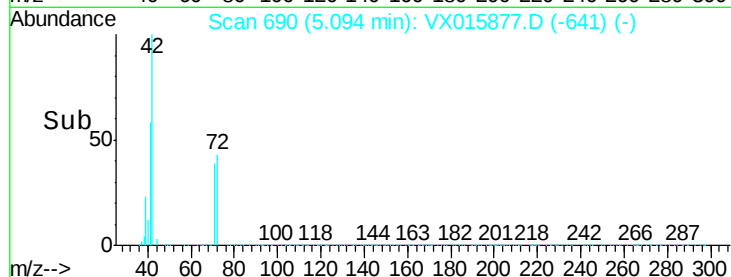
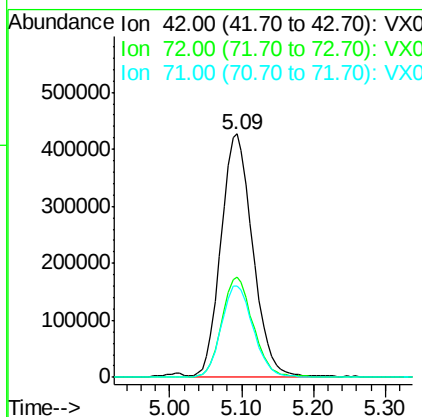
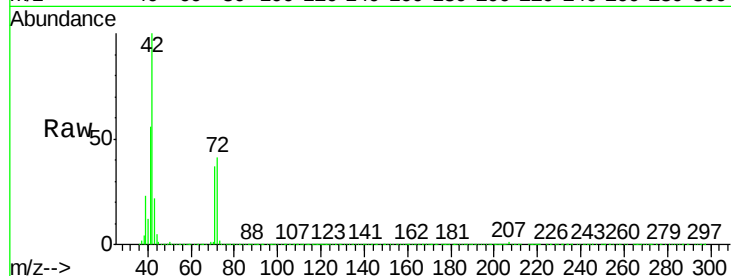
#29
Tetrahydrofuran
Concen: 263.594 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.7	33.0	49.6
71	37.7	30.6	45.8

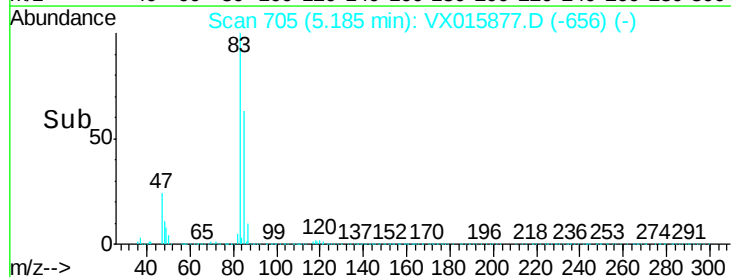
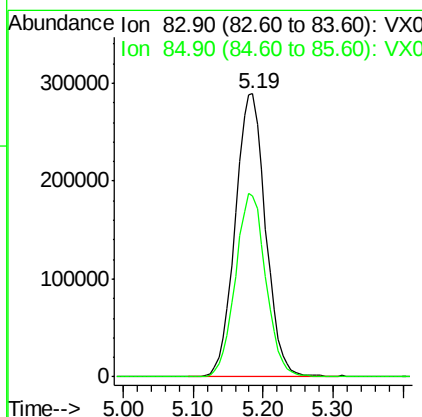
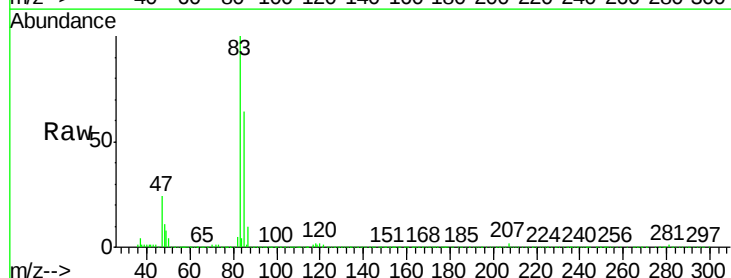
Manual Integrations
APPROVED

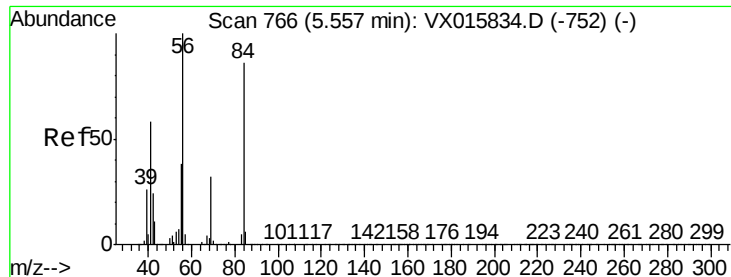
MMDadoda
4/23/2020 12:16:52 PM



#30
Chloroform
Concen: 51.676 ug/l
RT: 5.19 min Scan# 705
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.4	80.0





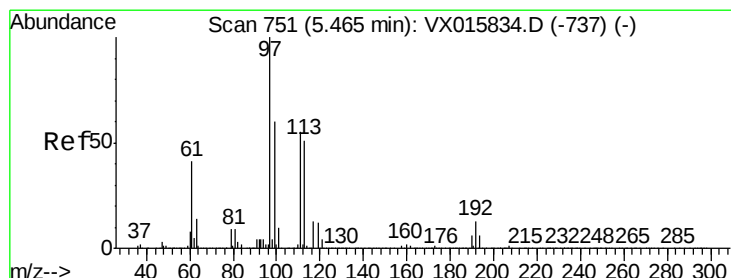
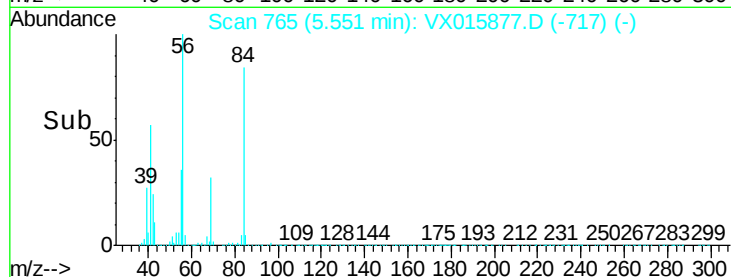
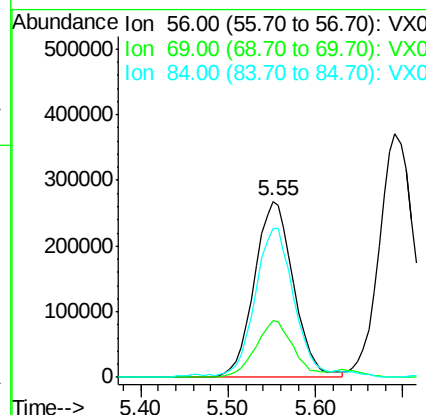
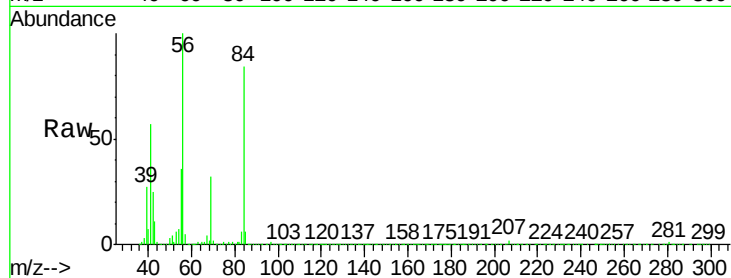
#31
Cyclohexane
Concen: 52.239 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.3	37.9
84	82.8	69.1	103.7

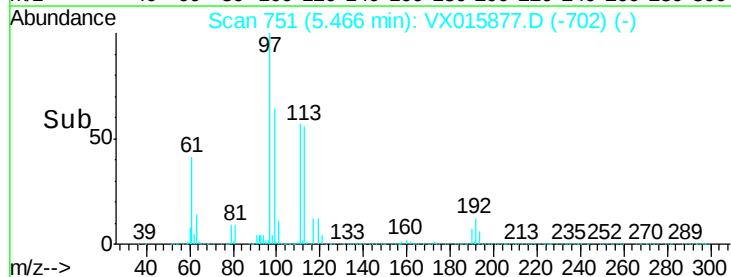
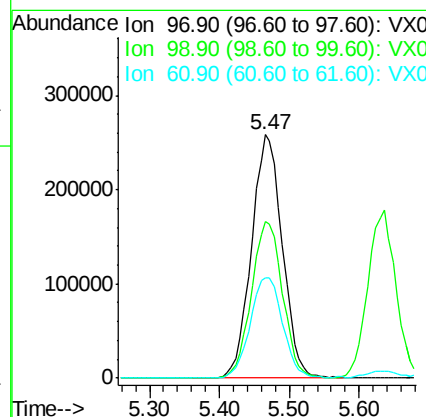
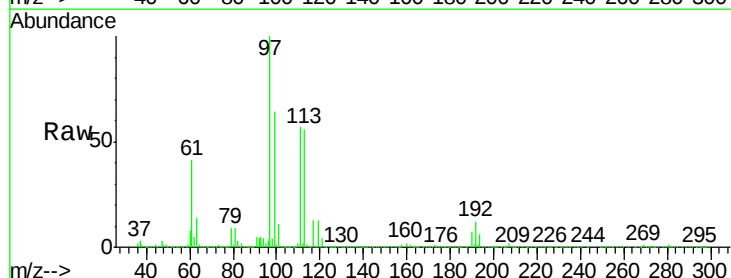
Manual Integrations
APPROVED

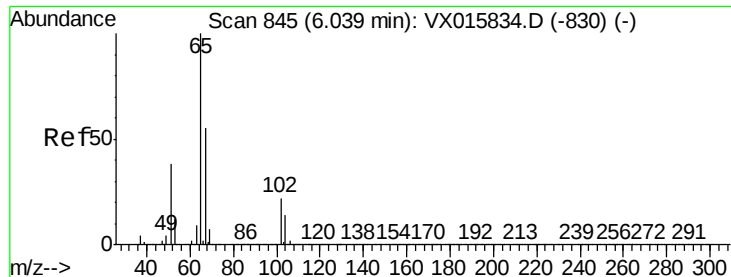
MMDadoda
4/23/2020 12:16:52 PM



#32
1,1,1-Trichloroethane
Concen: 52.760 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.2	76.8
61	43.1	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 50.169 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 545777

Ion Ratio Lower Upper

65 100

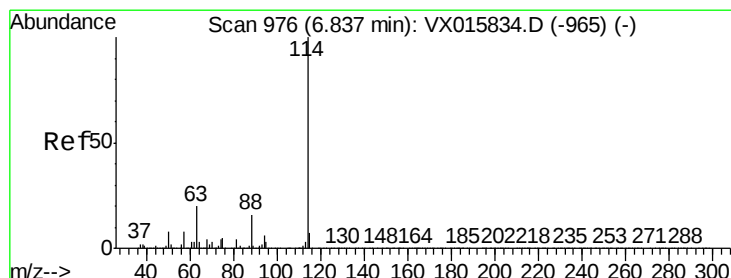
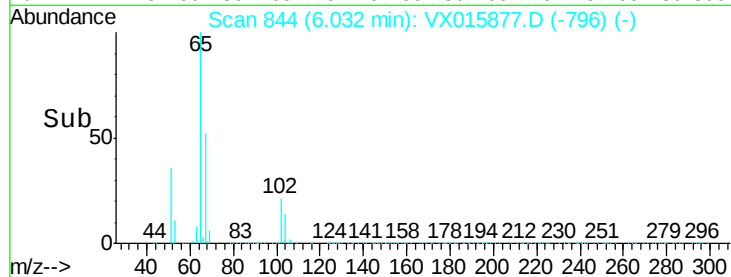
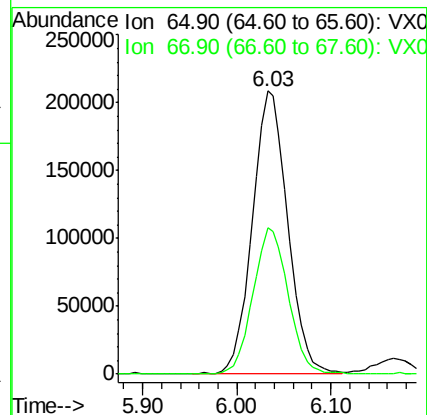
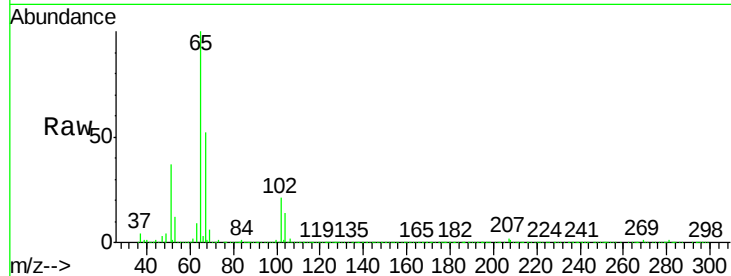
67 51.2 0.0 104.2

Manual Integrations

APPROVED

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

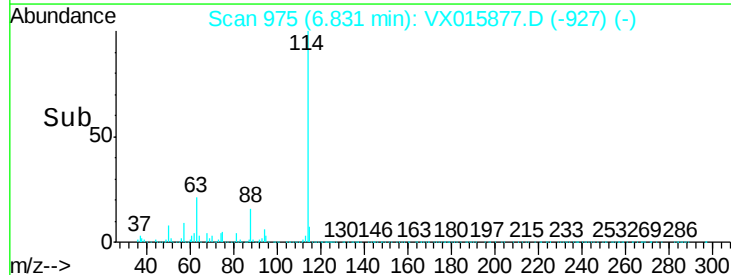
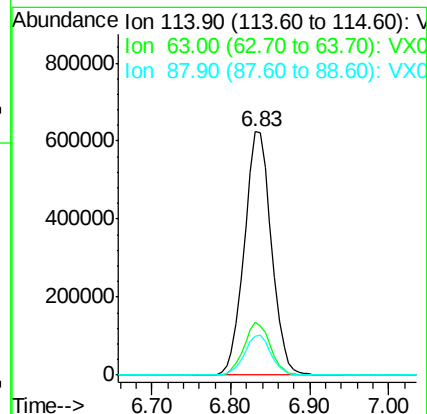
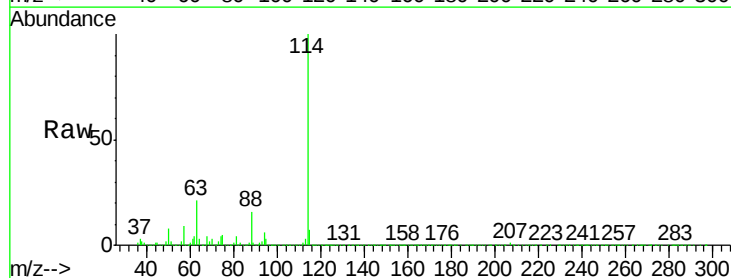
Tgt Ion: 114 Resp: 1491720

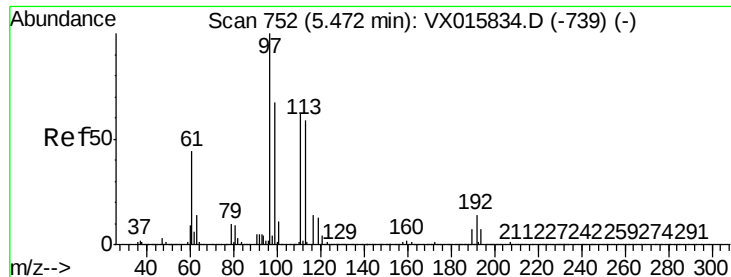
Ion Ratio Lower Upper

114 100

63 21.5 0.0 40.6

88 16.0 0.0 32.8





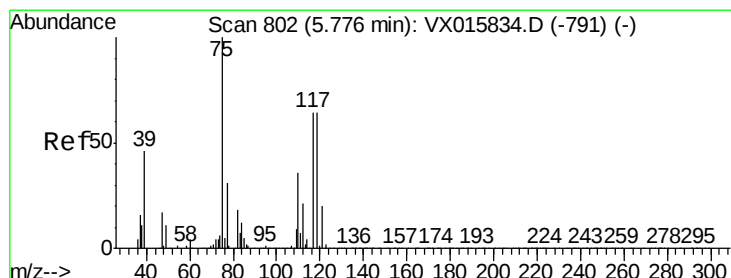
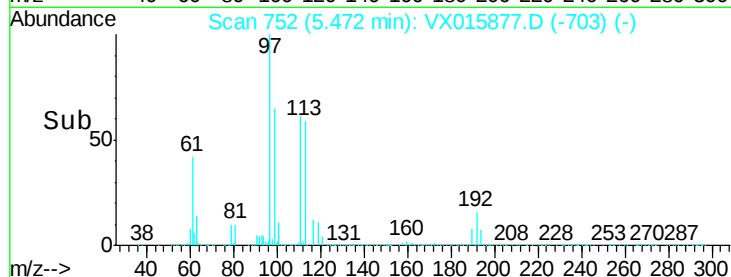
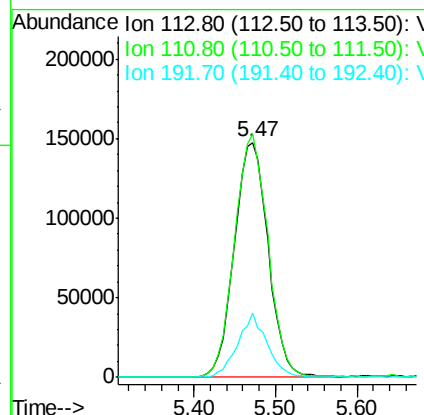
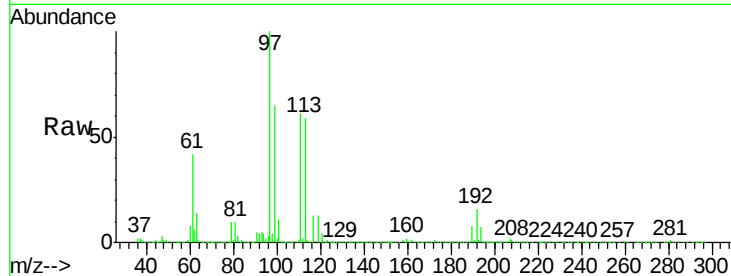
#35
Dibromofluoromethane
Concen: 49.346 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	424895		
111	101.9	82.7	124.1	
192	23.1	19.3	28.9	

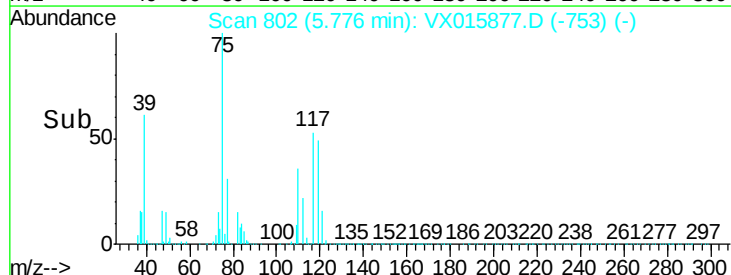
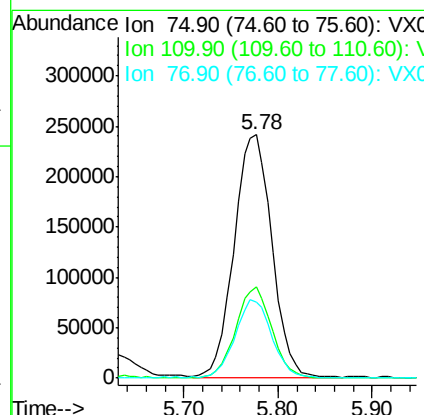
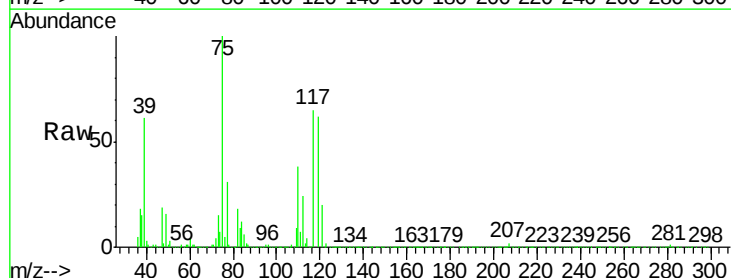
Manual Integrations
APPROVED

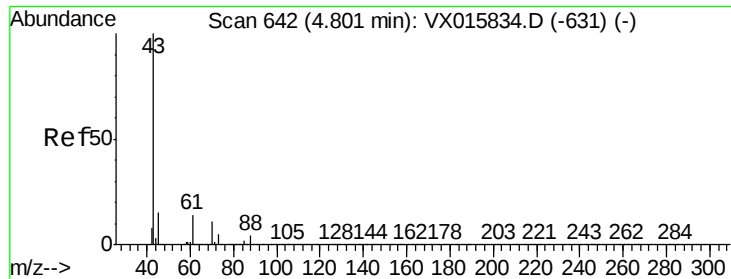
MMDadoda
4/23/2020 12:16:52 PM



#36
1,1-Dichloropropene
Concen: 50.693 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	670383		
110	36.3	17.9	53.8	
77	31.0	24.5	36.7	





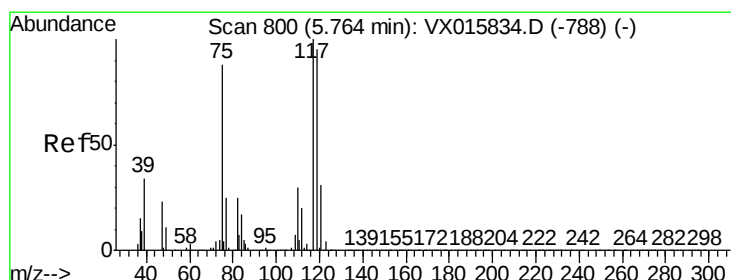
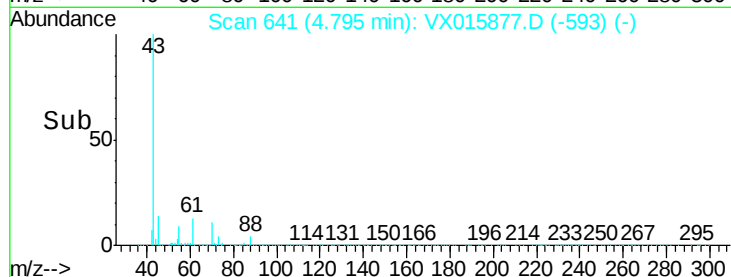
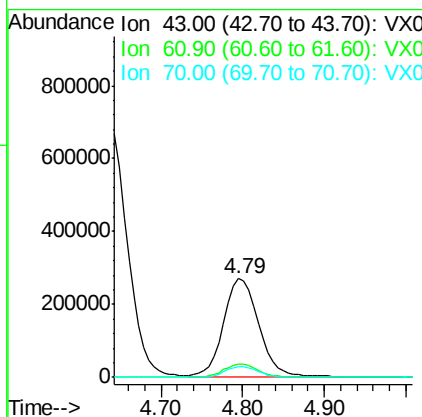
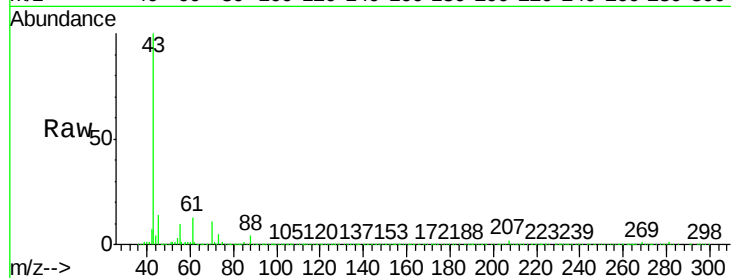
#37
Ethyl Acetate
Concen: 50.656 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.8	16.2
70	10.4	8.2	12.2

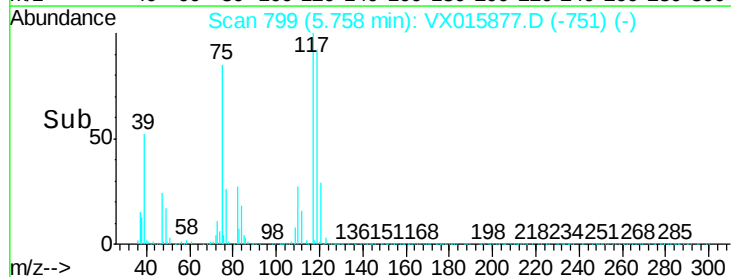
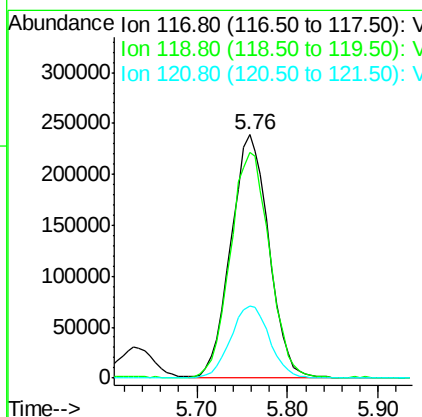
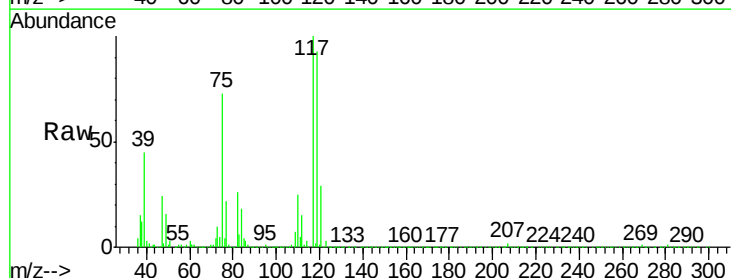
Manual Integrations
APPROVED

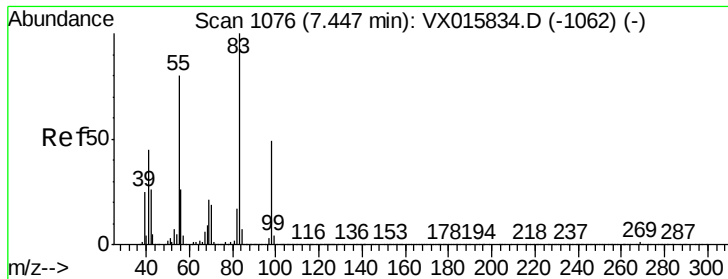
MMDadoda
4/23/2020 12:16:52 PM



#38
Carbon Tetrachloride
Concen: 52.968 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.7	113.5
121	29.3	25.0	37.6





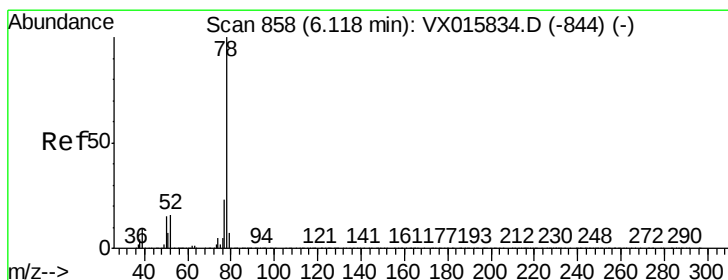
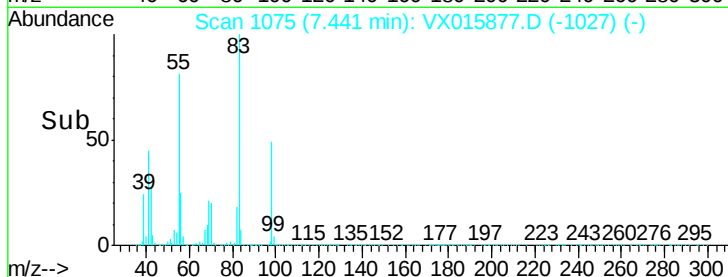
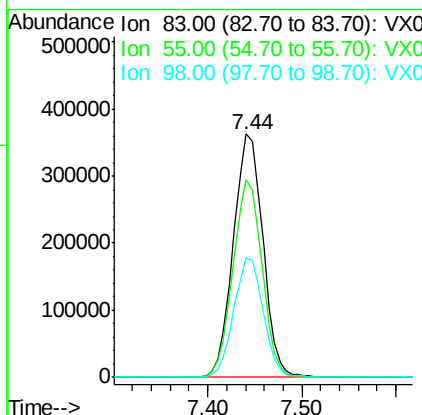
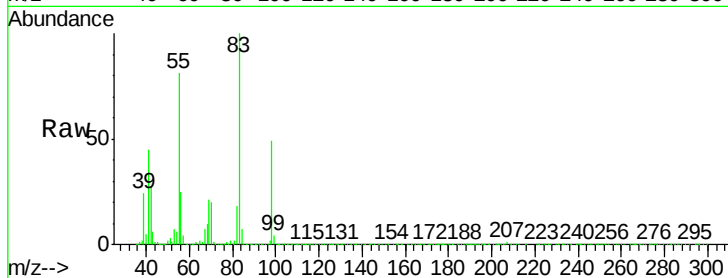
#39
Methylvlcvclohexane
Concen: 47.405 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.3	64.2	96.4
98	48.7	39.3	58.9

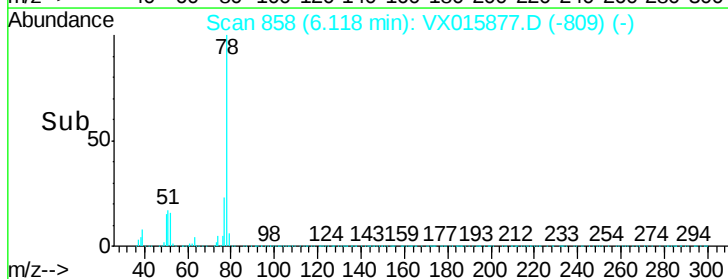
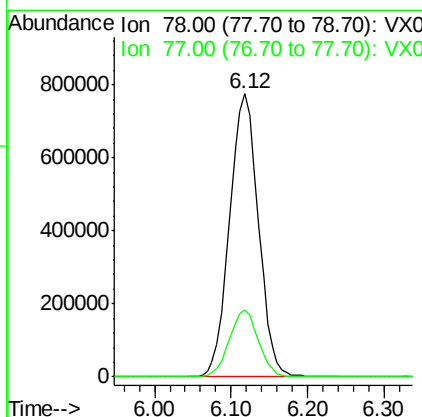
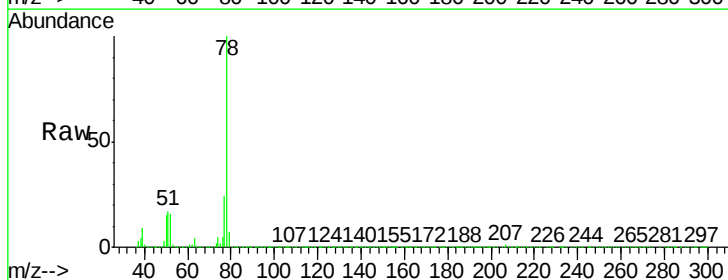
Manual Integrations
APPROVED

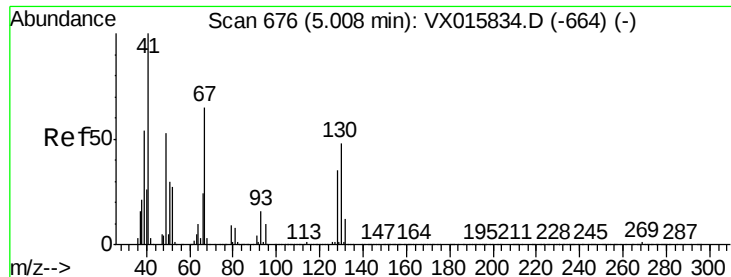
MMDadoda
4/23/2020 12:16:52 PM



#40
Benzene
Concen: 50.683 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.6	27.8





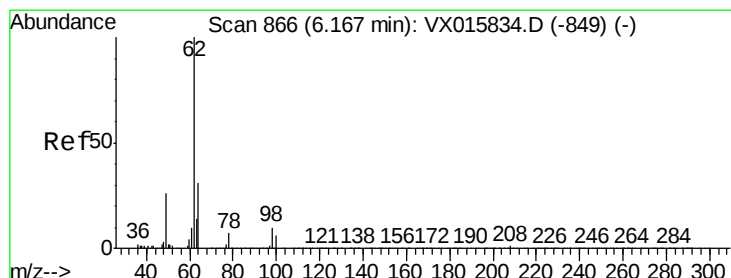
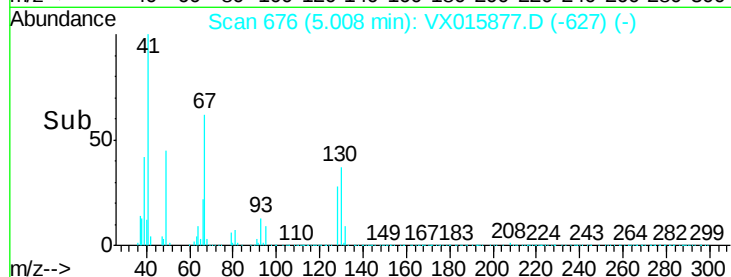
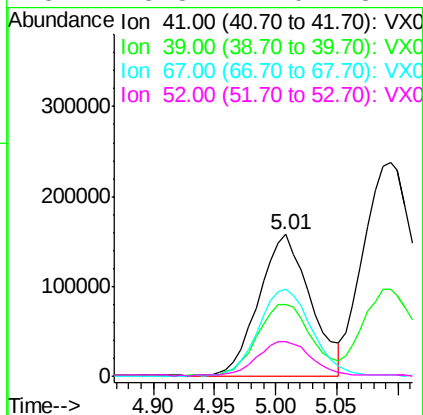
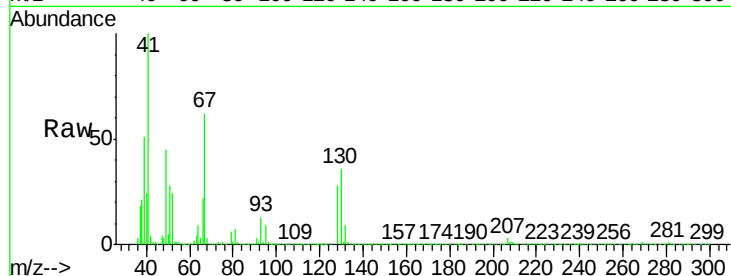
#41
Methacrylonitrile
Concen: 52.853 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	42.4	63.6	
67	63.5	51.9	77.9	
52	25.8	21.0	31.4	

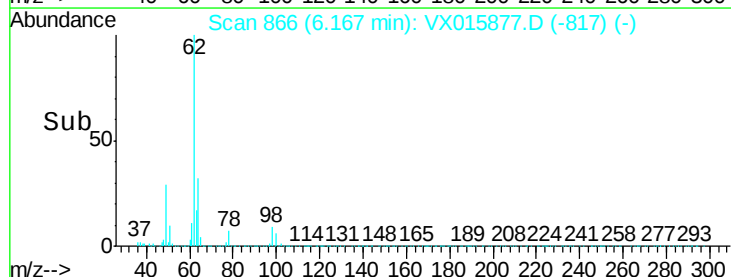
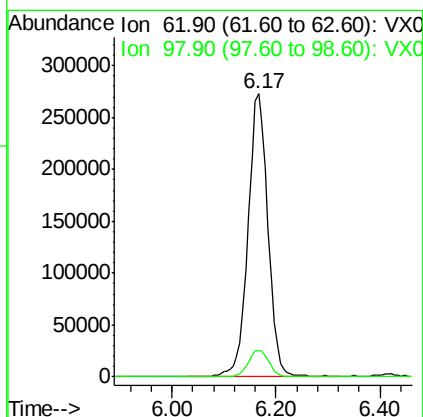
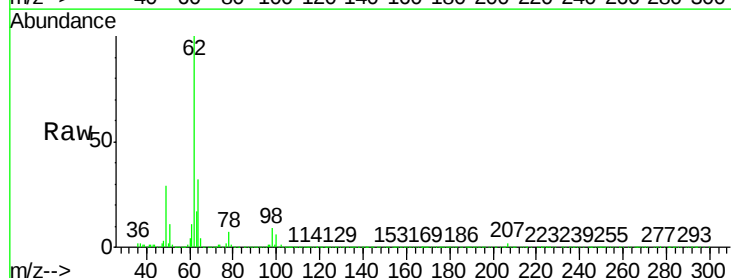
Manual Integrations
APPROVED

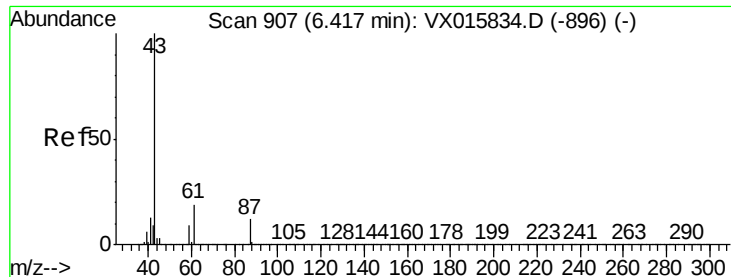
MMDadoda
4/23/2020 12:16:52 PM



#42
1,2-Dichloroethane
Concen: 50.316 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	20.0	





#43

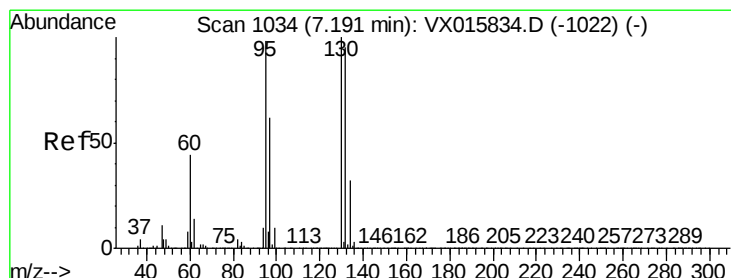
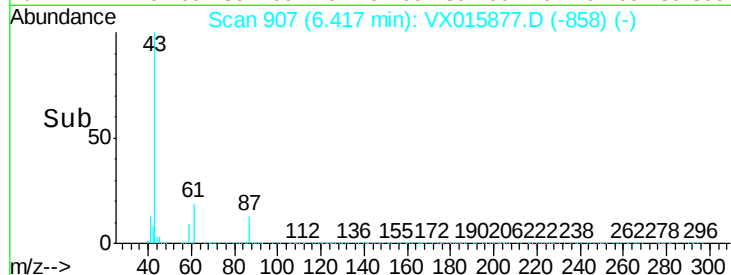
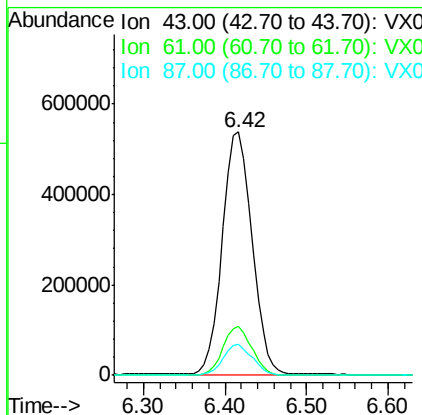
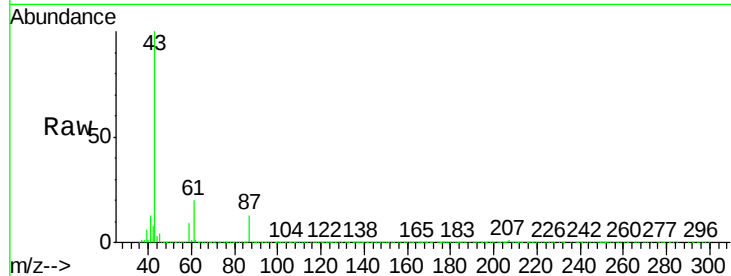
Isopropyl Acetate
 Concen: 51.025 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.2
87	12.4	9.8	14.6

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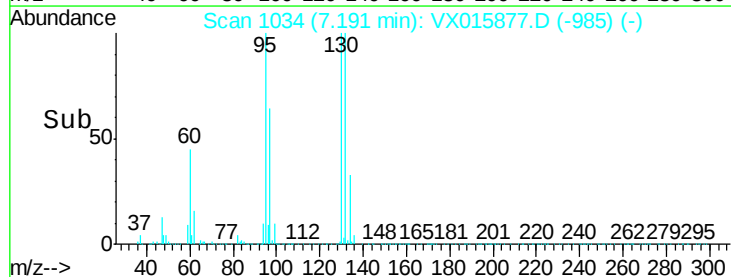
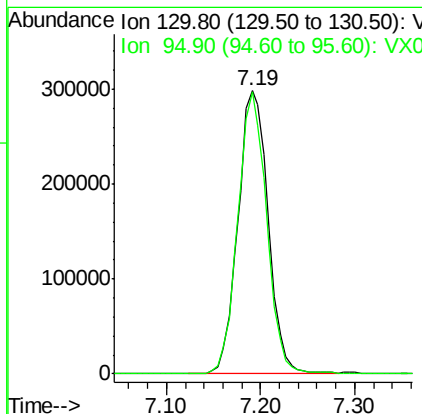
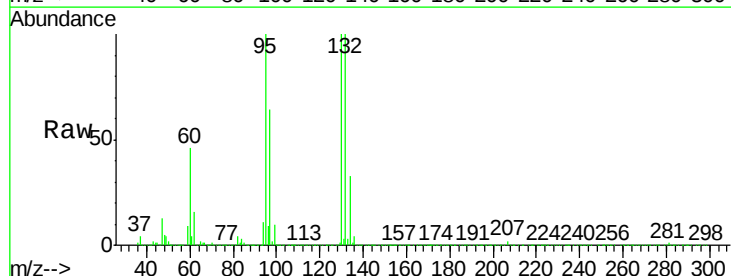
MMDadoda
 4/23/2020 12:16:52 PM

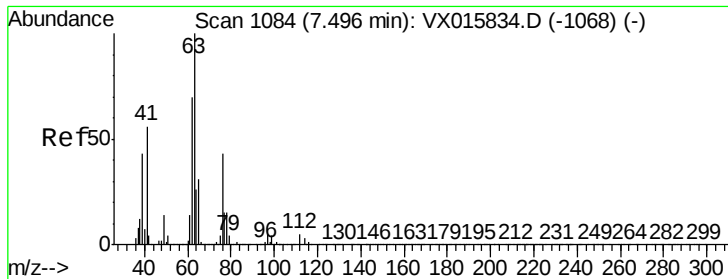


#44

Trichloroethene
 Concen: 47.600 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	195.8





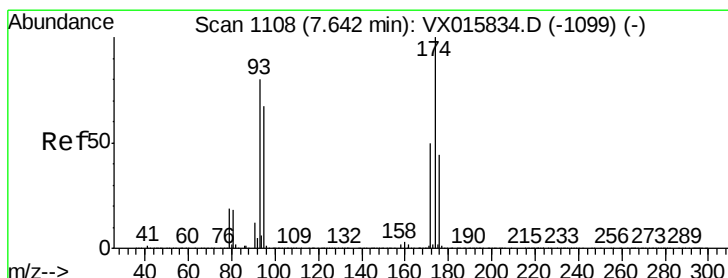
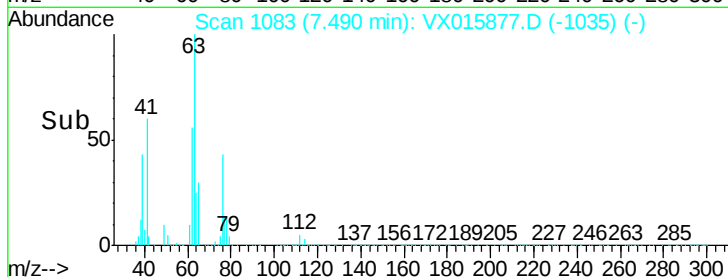
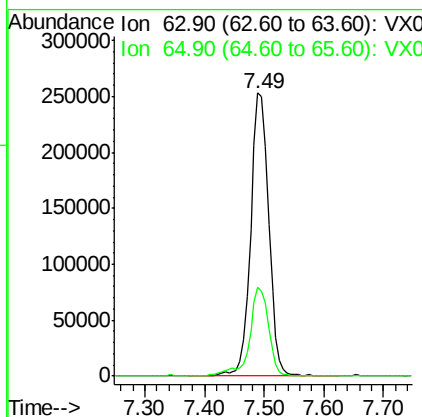
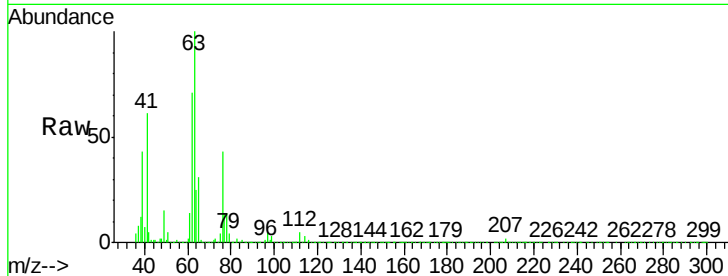
#45
 1,2-Dichloropropane
 Concen: 51.052 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	24.5	36.7

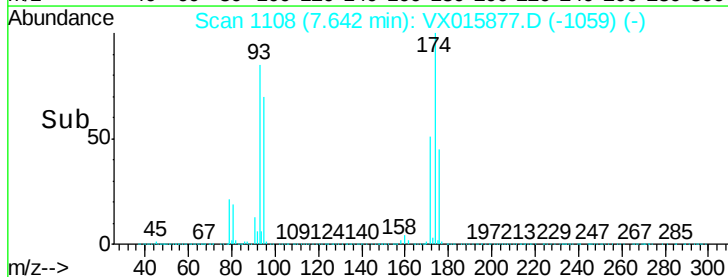
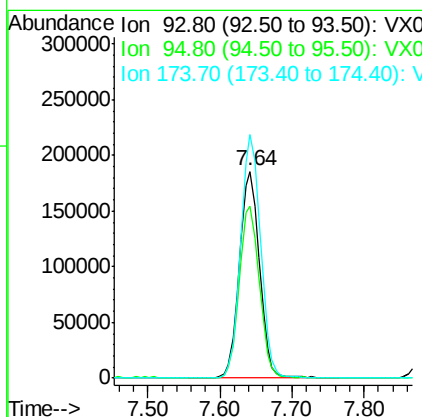
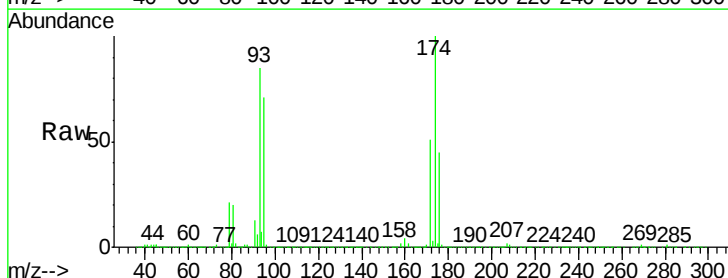
Manual Integrations
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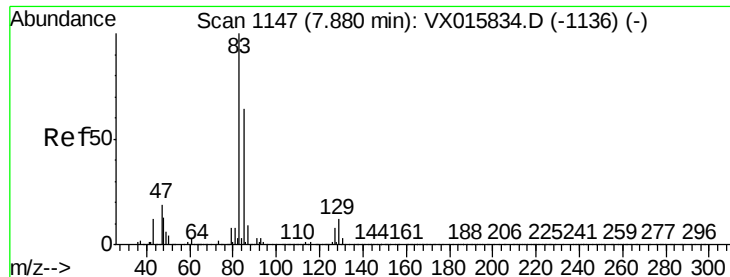
MMDadoda
 4/23/2020 12:16:52 PM



#46
 Dibromomethane
 Concen: 47.394 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.5	65.8	98.8
174	116.0	95.6	143.4





#47

Bromodichloromethane

Concen: 52.158 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

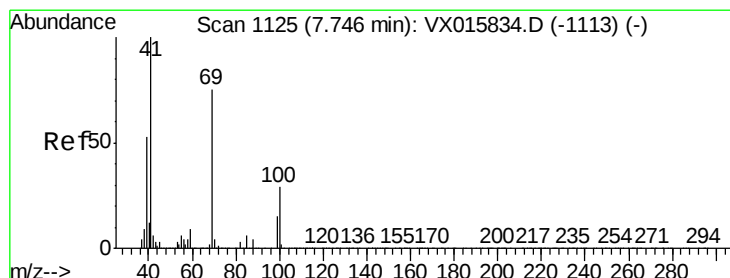
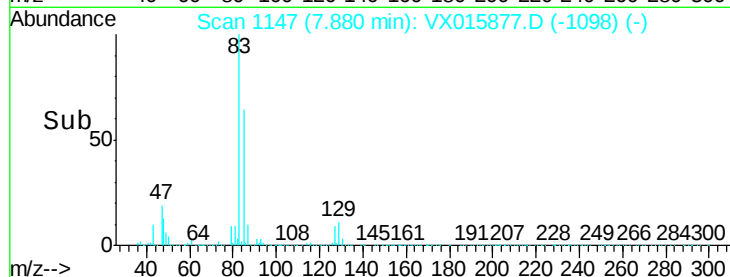
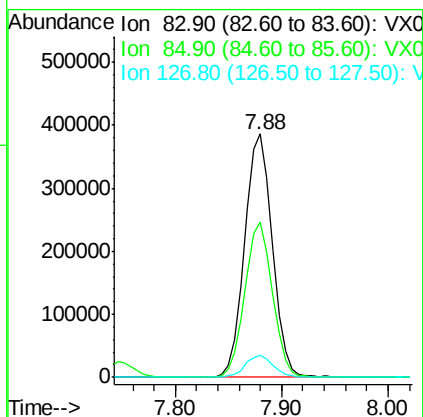
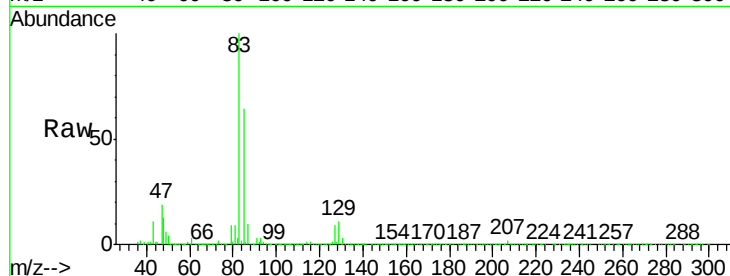
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	707012
Ion Ratio		Lower	Upper
83	100		
85	63.9	50.8	76.2
127	9.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.239 ug/l

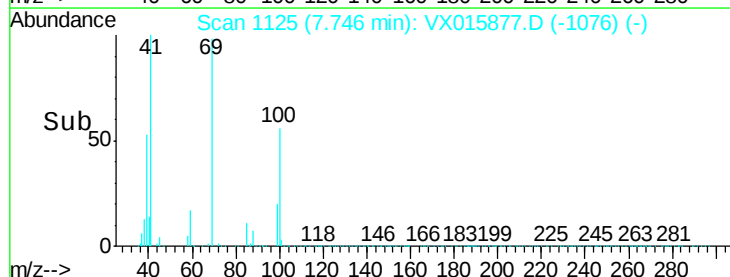
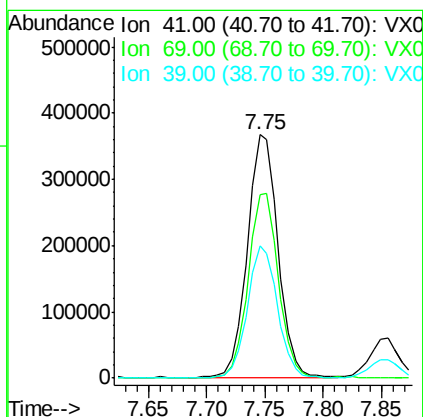
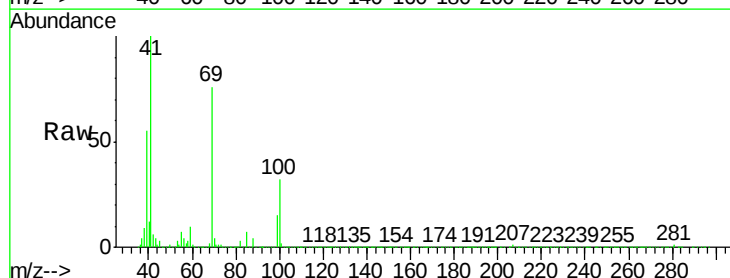
RT: 7.75 min Scan# 1125

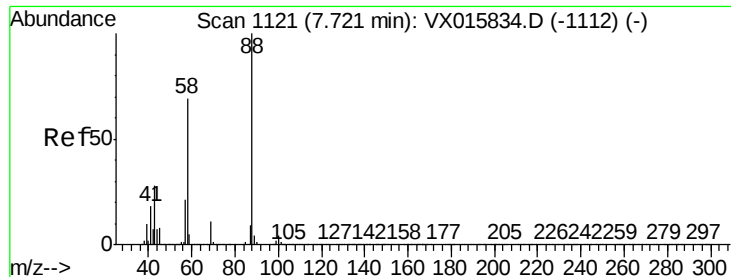
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	41	Resp:	669136
Ion Ratio		Lower	Upper
41	100		
69	75.7	60.5	90.7
39	53.5	42.1	63.1





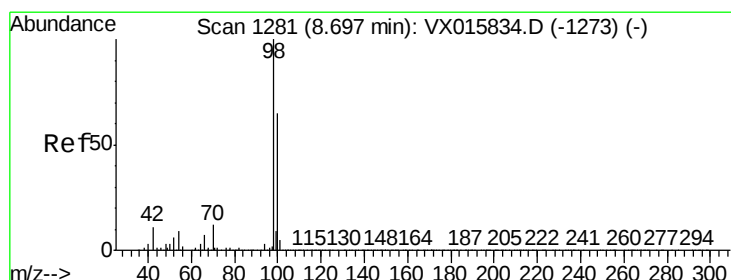
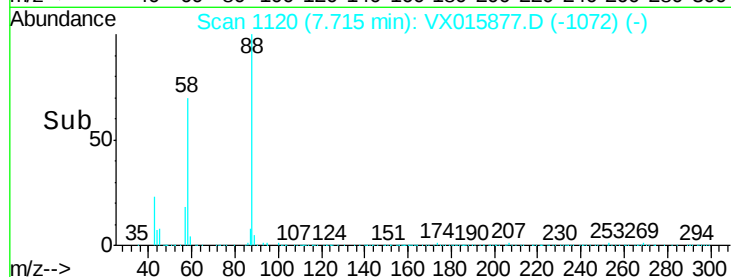
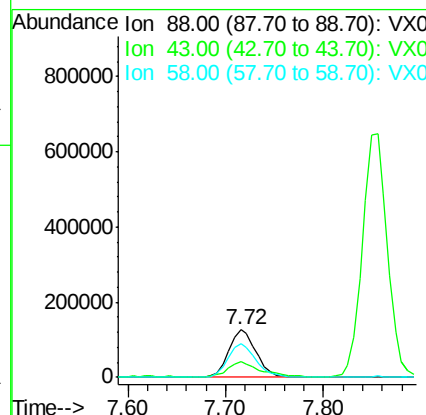
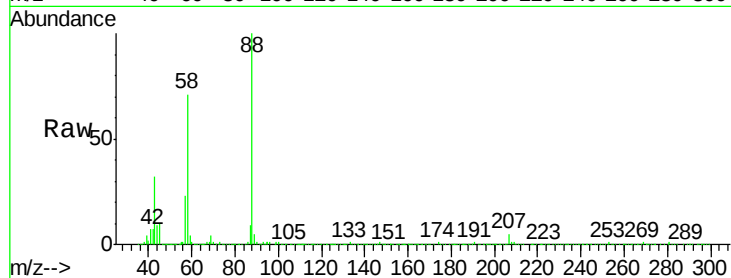
#49
1,4-Dioxane
Concen: 978.952 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.0	28.2	42.4
58	73.5	58.9	88.3

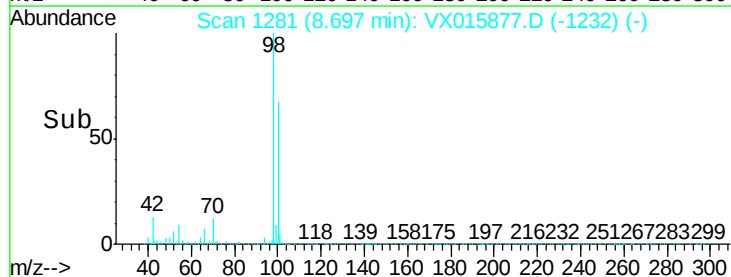
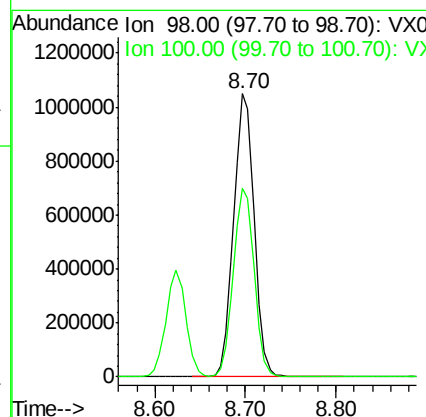
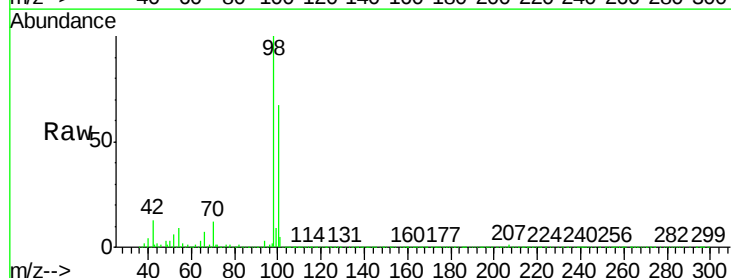
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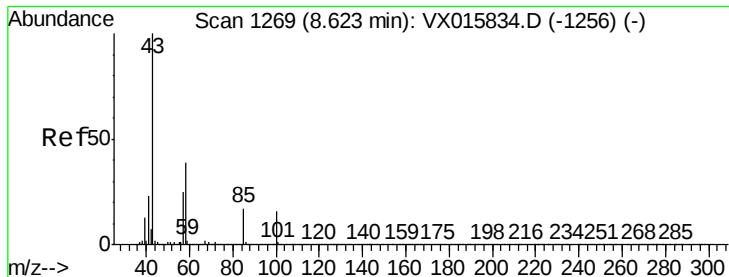
MMDadoda
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#50
Toluene-d8
Concen: 47.606 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 256.993 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3938197

Ion Ratio Lower Upper

43 100

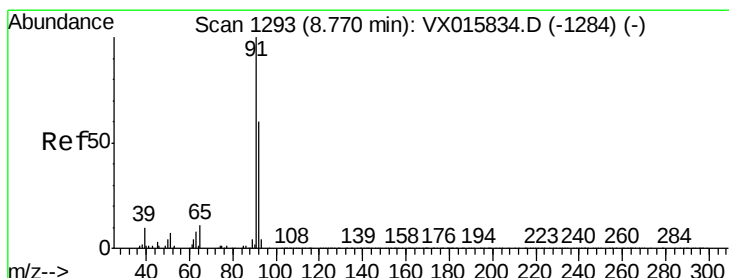
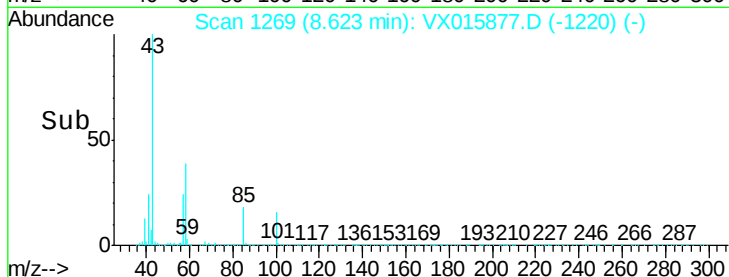
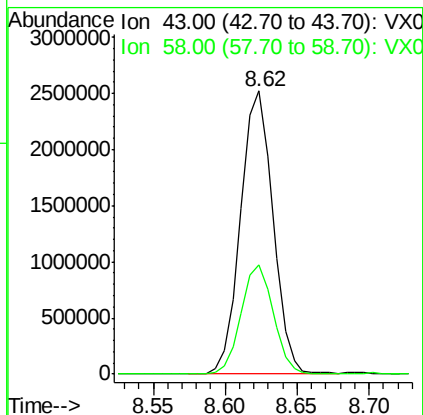
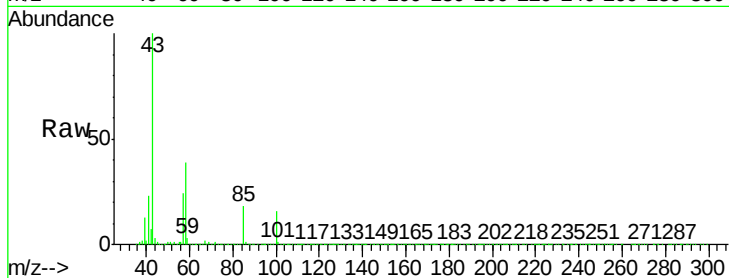
58 38.3 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 49.815 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015877.D

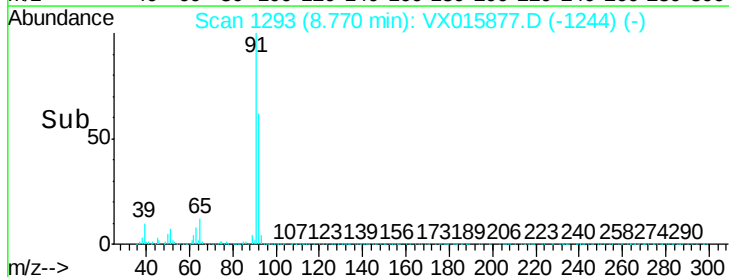
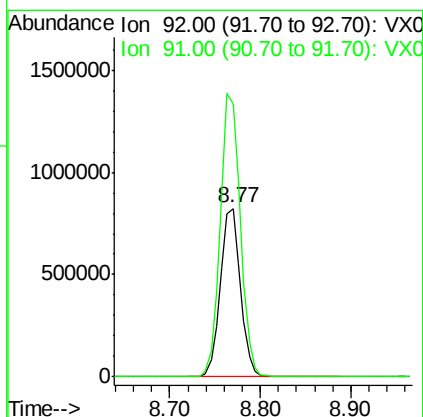
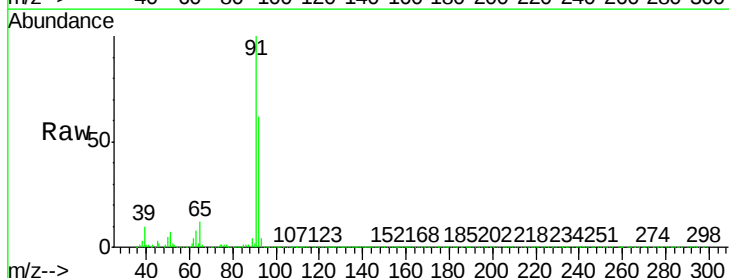
Acq: 23 Apr 2020 06:13

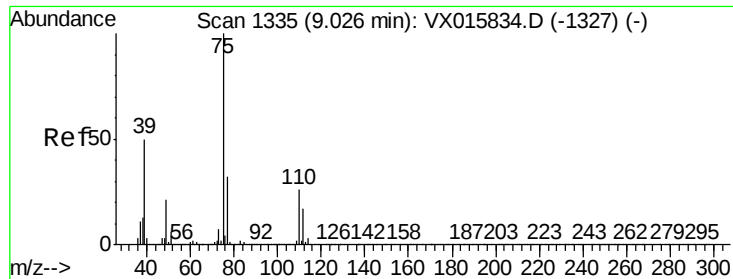
Tgt Ion: 92 Resp: 1271778

Ion Ratio Lower Upper

92 100

91 168.5 133.4 200.0





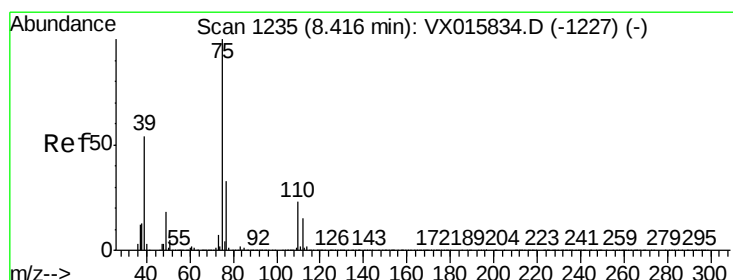
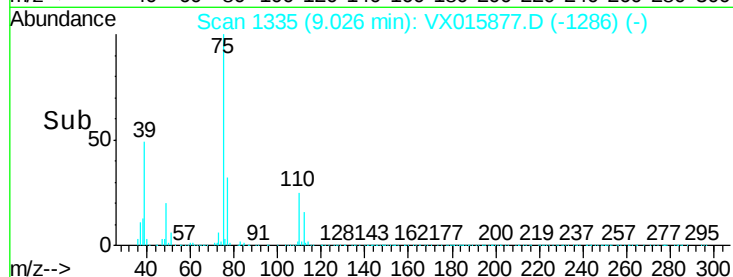
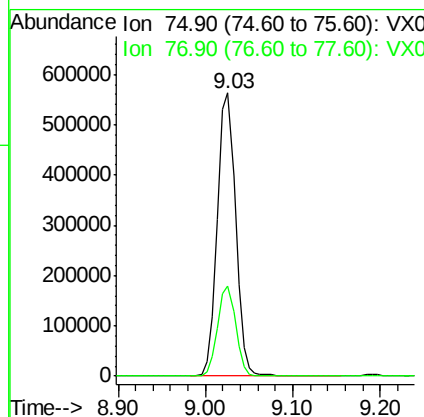
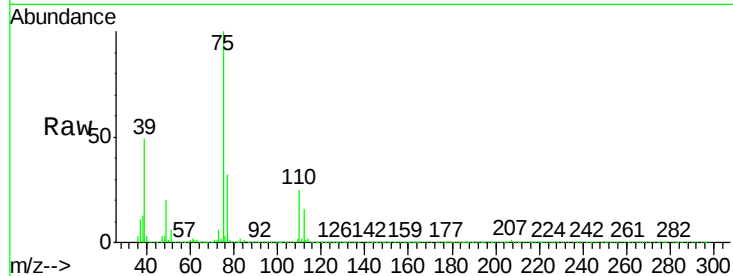
#53
t-1,3-Dichloropropene
Concen: 48.402 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 814075
Ion Ratio Lower Upper
75 100
77 31.6 25.9 38.9

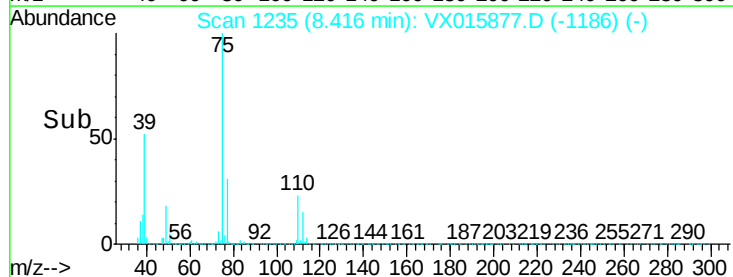
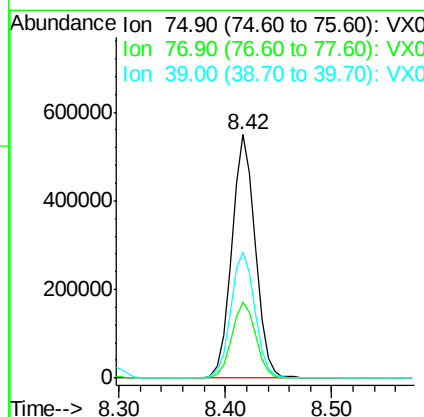
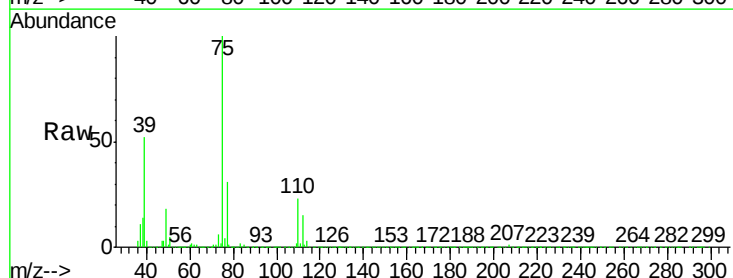
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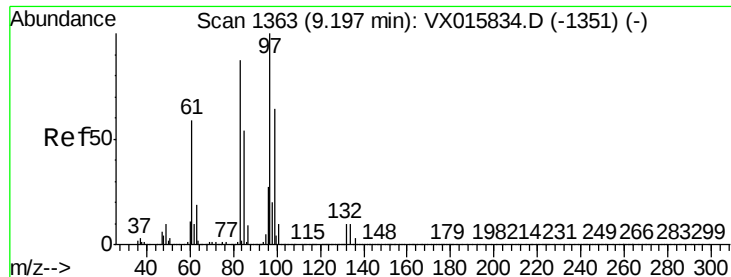
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.812 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion: 75 Resp: 849916
Ion Ratio Lower Upper
75 100
77 31.0 26.0 39.0
39 51.7 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 50.954 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

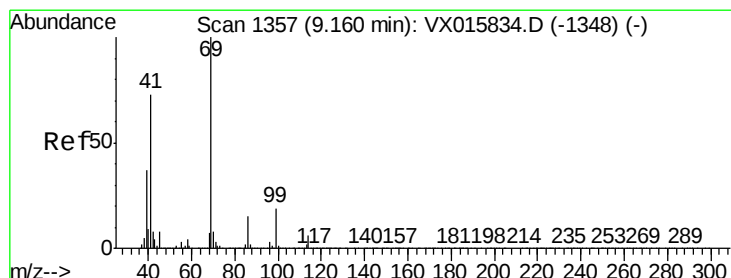
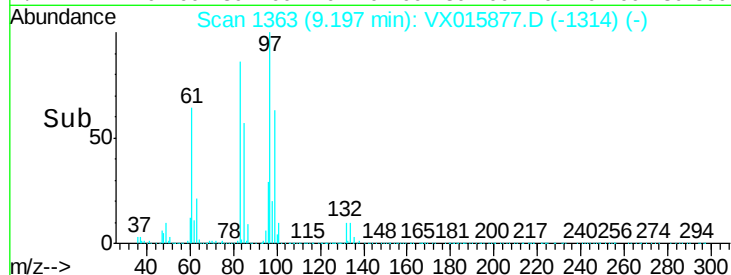
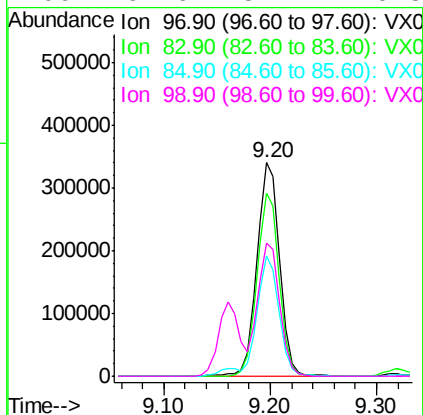
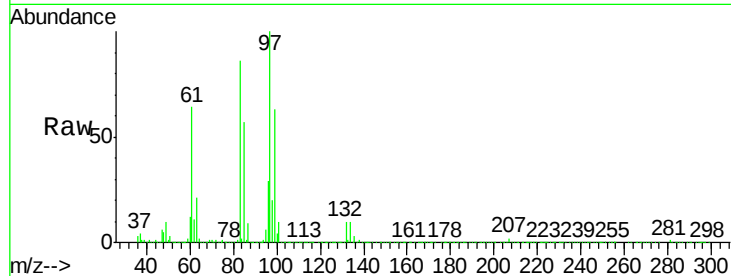
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		507957		
83	85.7	69.8	104.8		
85	56.5	43.4	65.2		
99	62.6	51.2	76.8		

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#56

Ethyl methacrylate

Concen: 51.152 ug/l

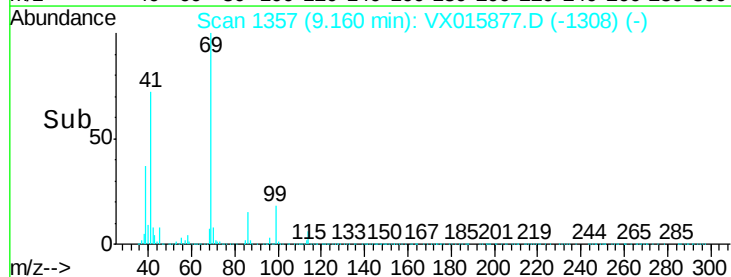
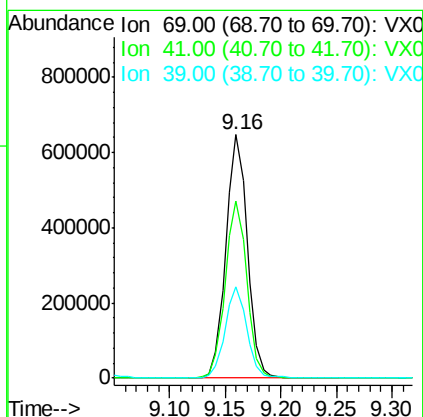
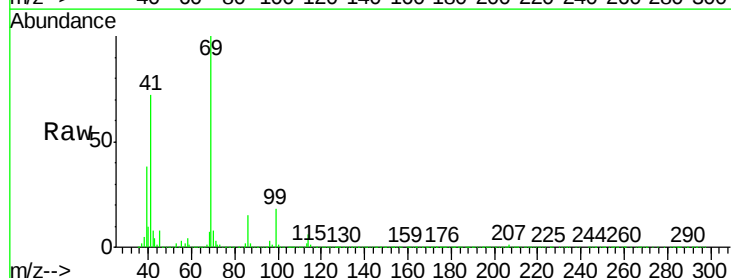
RT: 9.16 min Scan# 1357

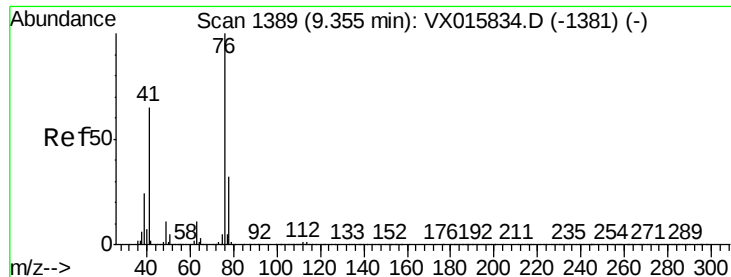
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		863735		
41	73.0	57.4	86.2		
39	38.0	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 50.125 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 868337

Ion Ratio Lower Upper

76 100

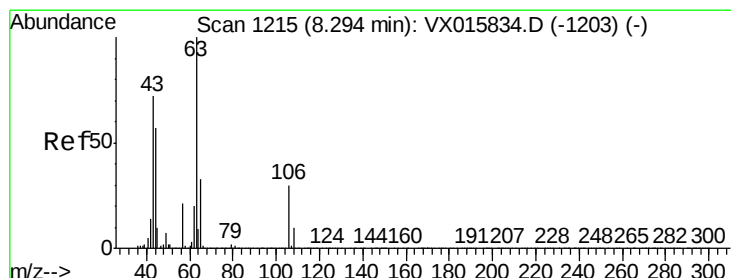
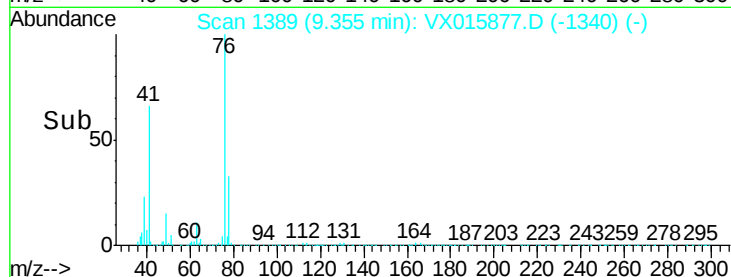
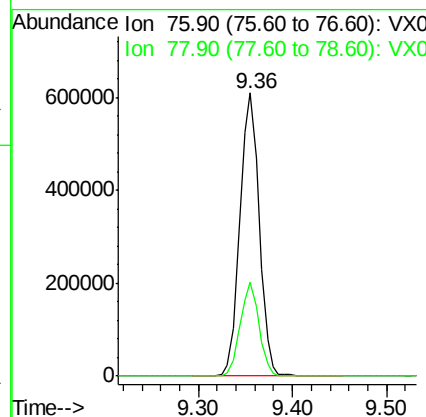
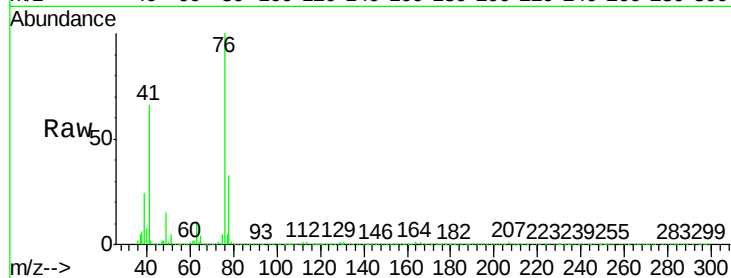
78 32.3 25.4 38.2

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 251.948 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015877.D

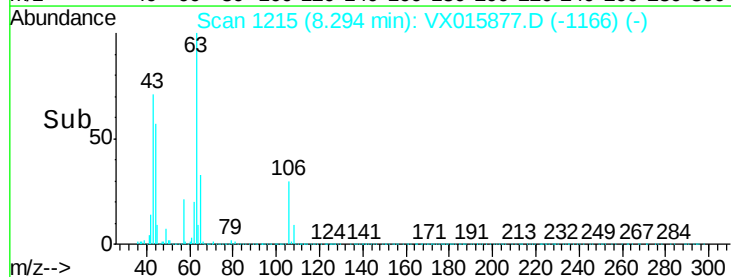
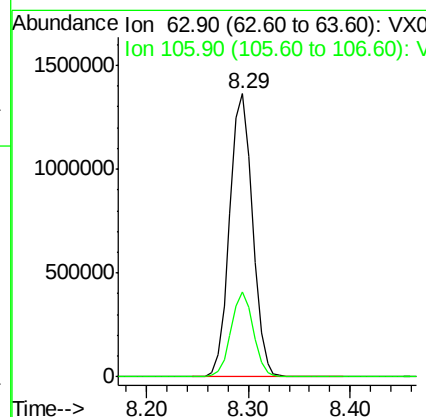
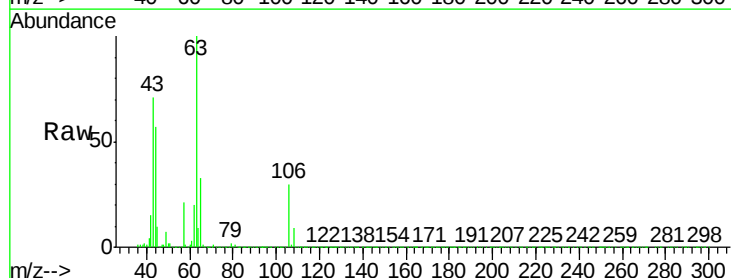
Acq: 23 Apr 2020 06:13

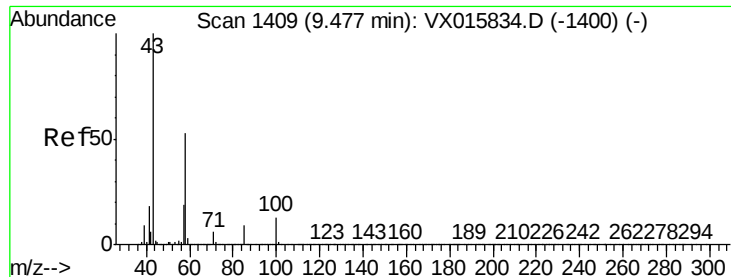
Tgt Ion: 63 Resp: 2125298

Ion Ratio Lower Upper

63 100

106 29.1 23.8 35.8





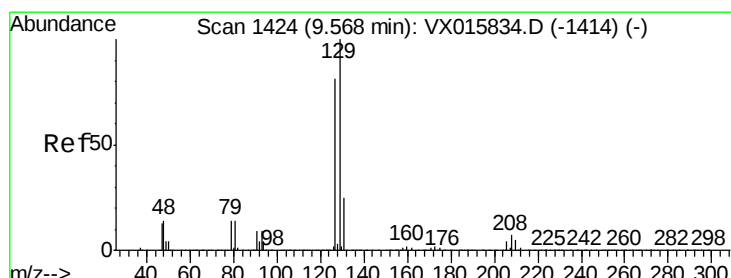
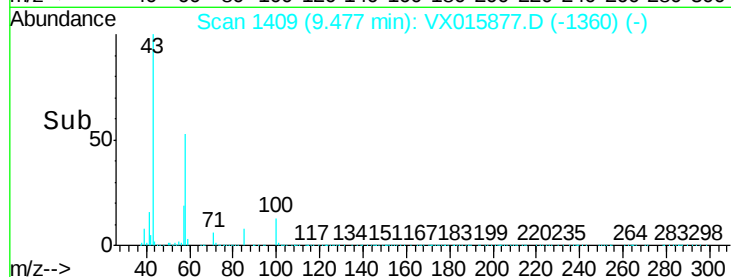
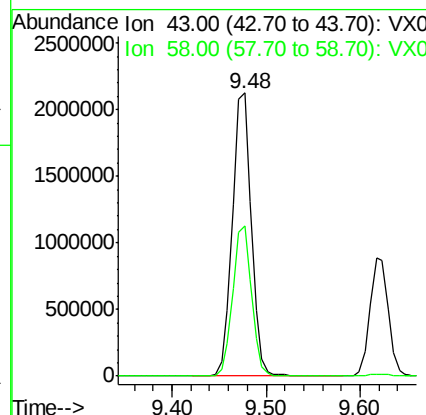
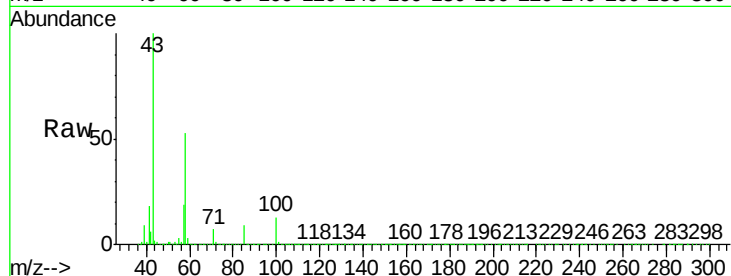
#59
2-Hexanone
Concen: 255.119 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2978272
Ion Ratio Lower Upper
43 100
58 52.6 26.5 79.4

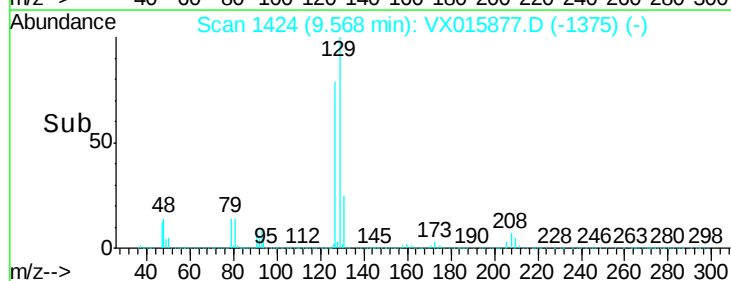
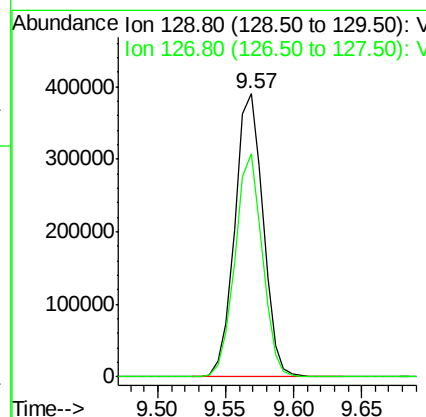
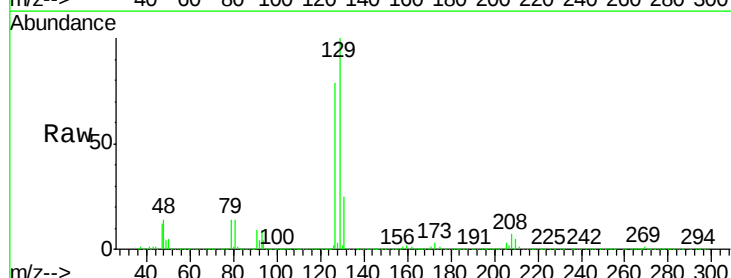
Manual Integrations
APPROVED

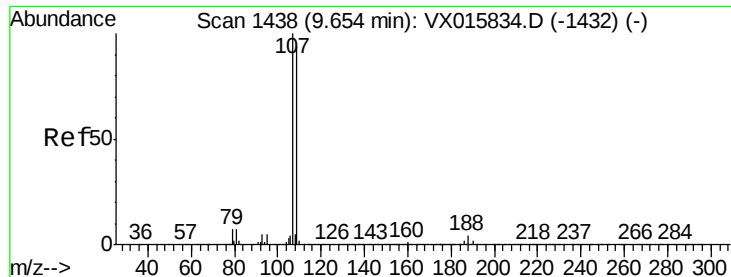
MMDadoda
4/23/2020 12:16:52 PM



#60
Dibromochloromethane
Concen: 54.882 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion: 129 Resp: 565004
Ion Ratio Lower Upper
129 100
127 76.4 40.0 120.0





#61

1,2-Dibromoethane

Concen: 48.995 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 539820

Ion Ratio Lower Upper

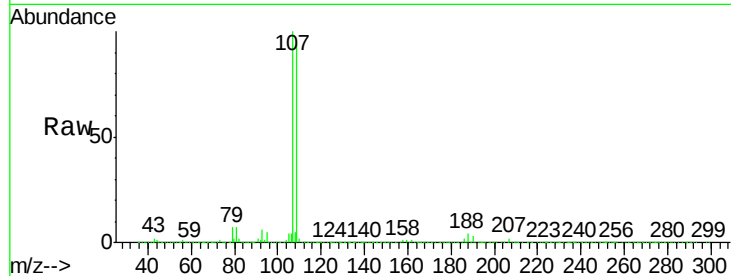
107 100

109 95.0 75.4 113.0

Manual Integrations
APPROVED

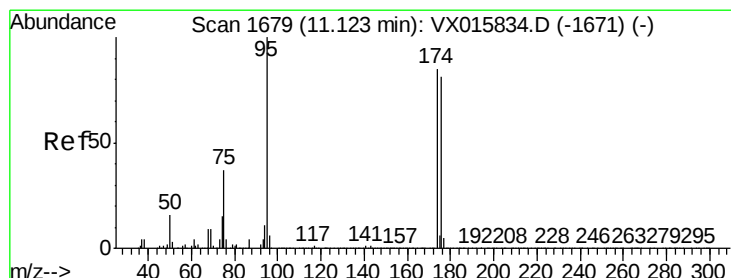
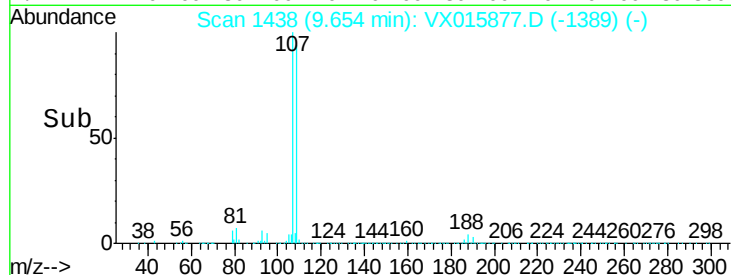
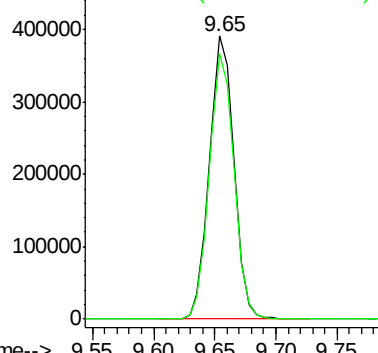
MMDadoda

4/23/2020 12:16:52 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.629 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

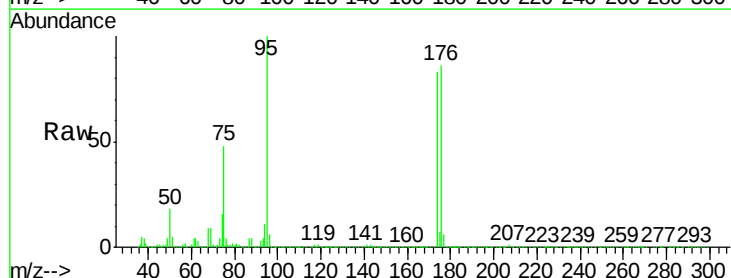
Tgt Ion: 95 Resp: 677276

Ion Ratio Lower Upper

95 100

174 85.5 0.0 172.4

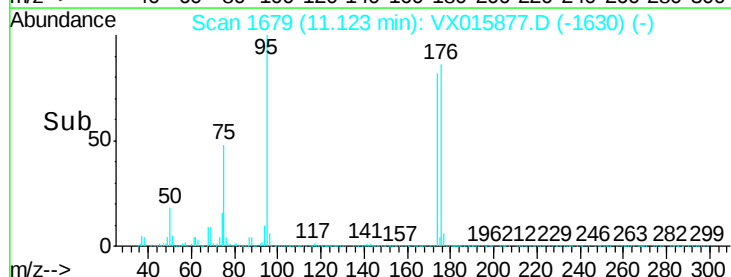
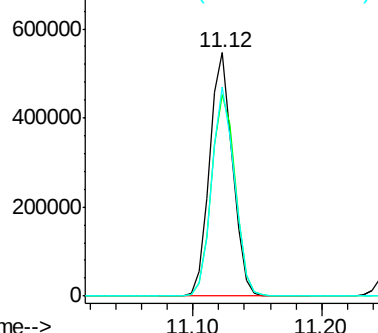
176 84.7 0.0 167.0

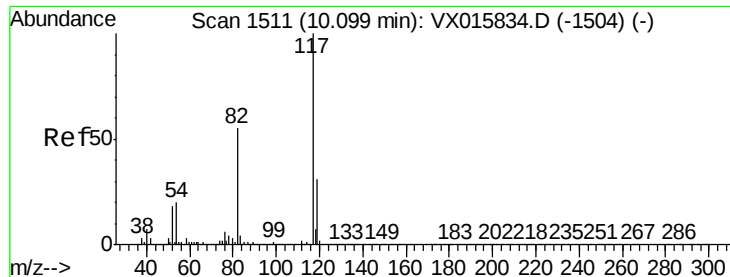


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





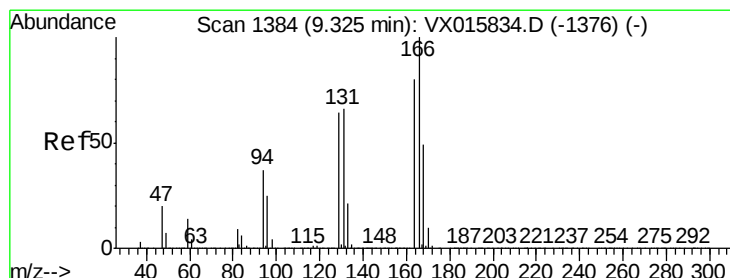
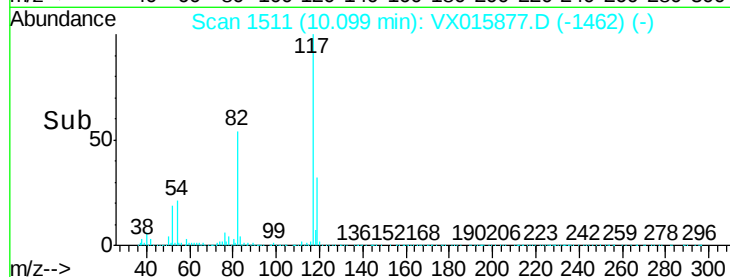
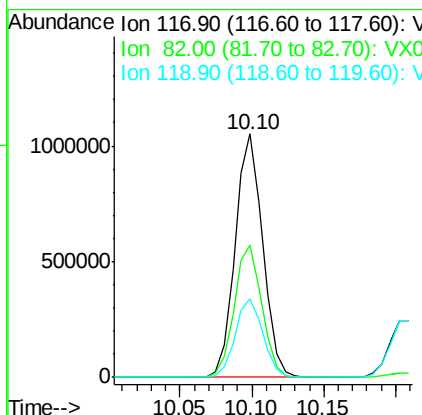
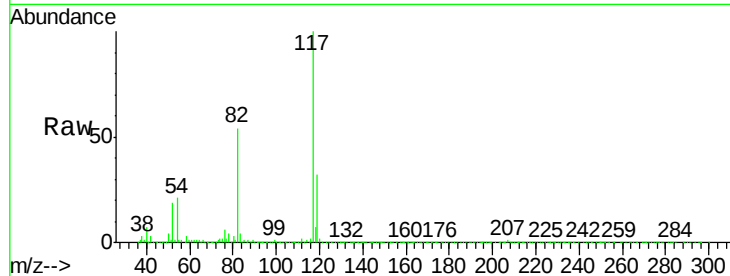
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.9	65.9
119	32.5	25.1	37.7

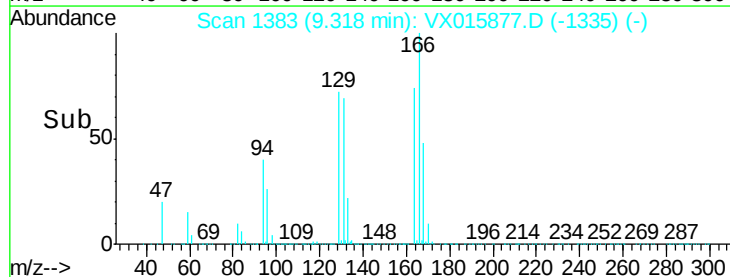
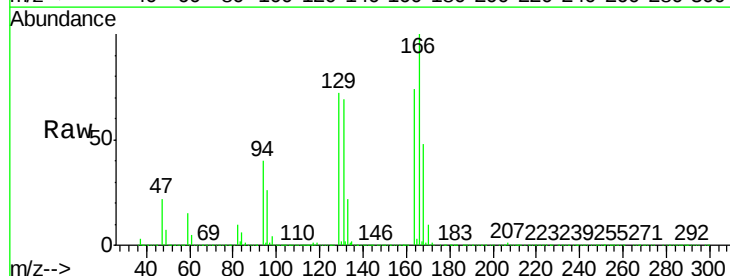
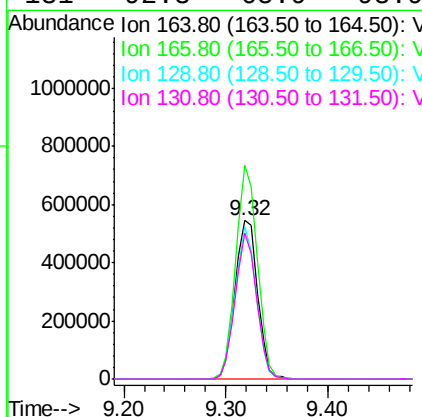
Manual Integrations
APPROVED

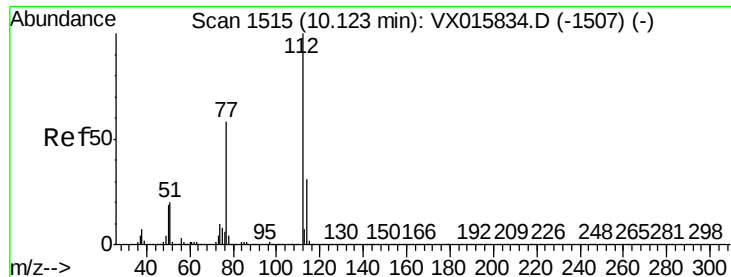
MMDadoda
4/23/2020 12:16:52 PM



#64
Tetrachloroethene
Concen: 43.928 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.6	100.2	150.2
129	96.2	64.5	96.7
131	92.3	65.9	98.9





#65

Chlorobenzene

Concen: 49.910 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1394395

Ion Ratio Lower Upper

112 100

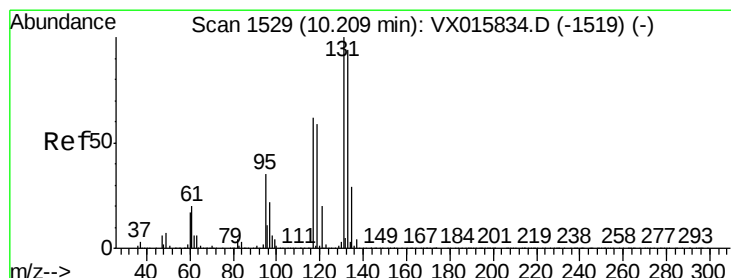
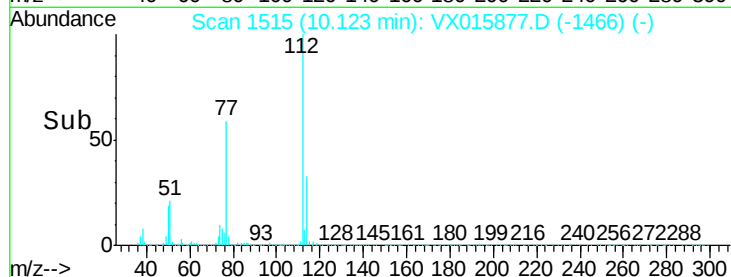
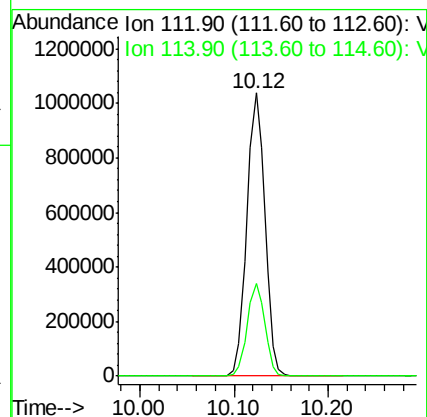
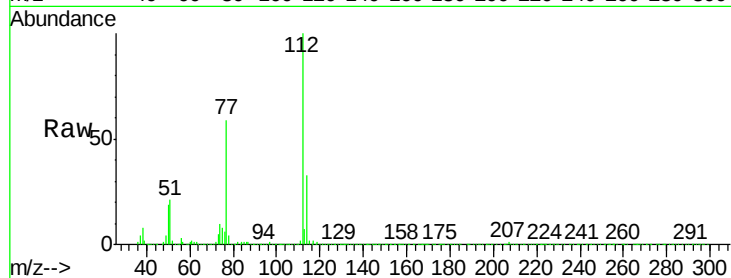
114 32.6 25.0 37.4

Manual Integrations

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.151 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

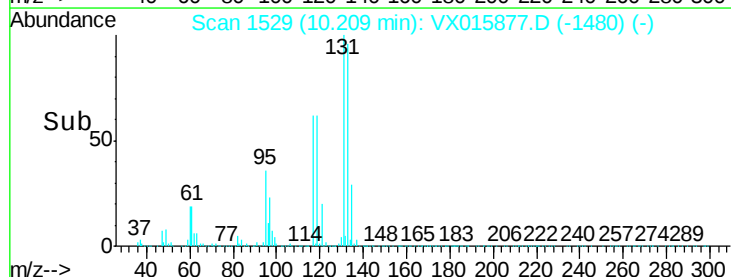
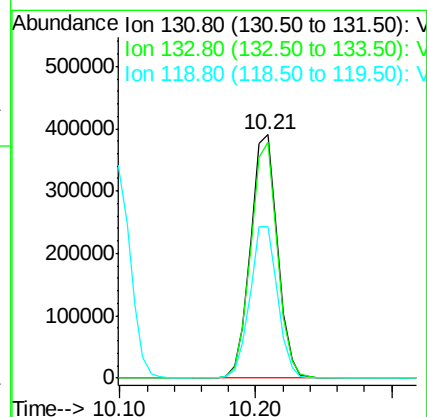
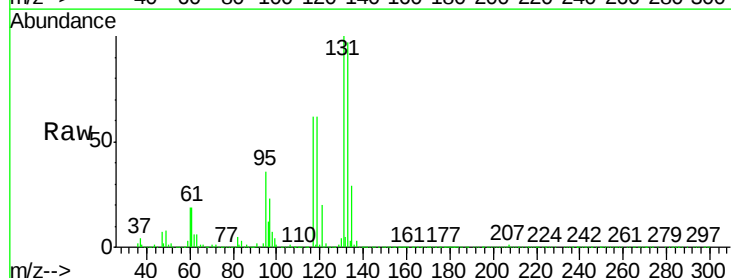
Tgt Ion:131 Resp: 544616

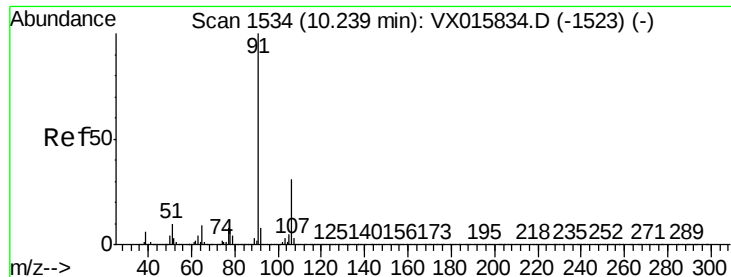
Ion Ratio Lower Upper

131 100

133 95.3 47.0 141.2

119 63.5 30.9 92.8





#67

Ethyl Benzene

Concen: 51.791 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 2540942

Ion Ratio Lower Upper

91 100

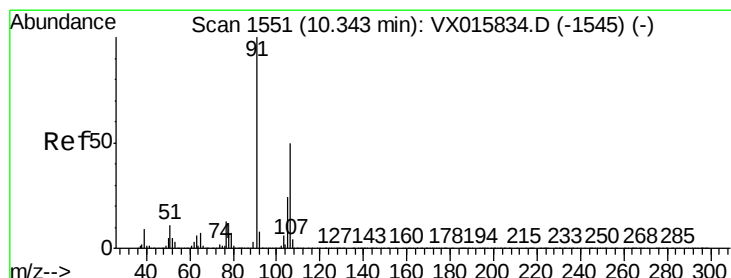
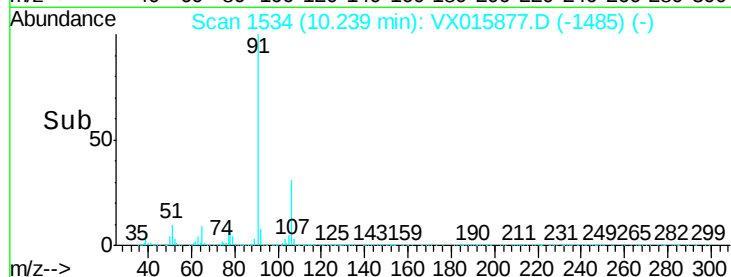
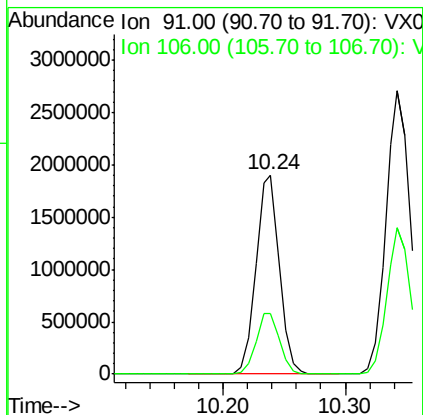
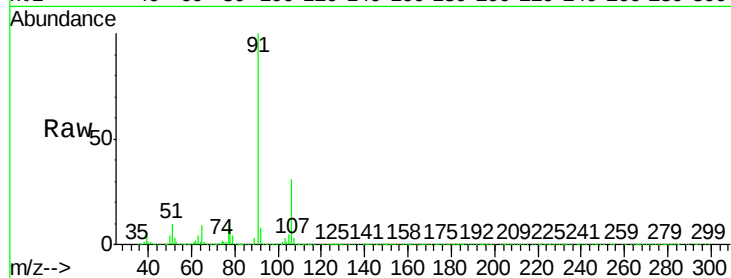
106 30.7 25.0 37.4

Manual Integrations

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#68

m/p-Xylenes

Concen: 101.982 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015877.D

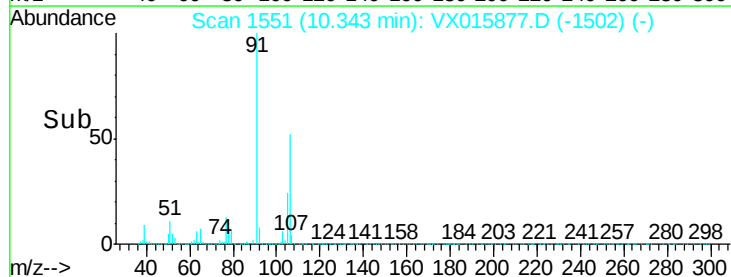
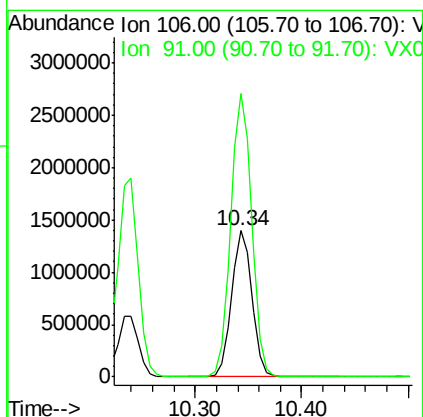
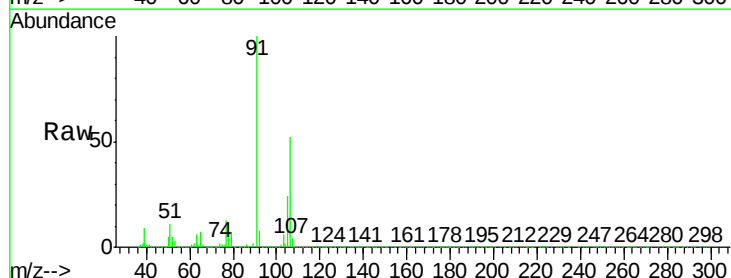
Acq: 23 Apr 2020 06:13

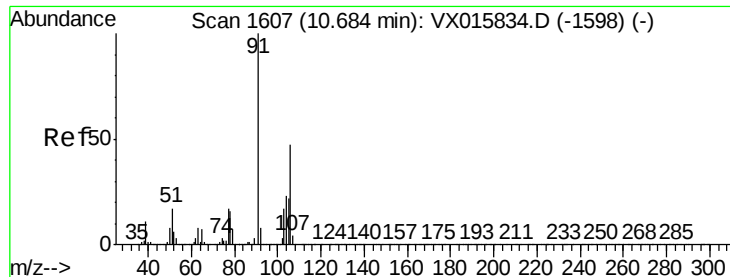
Tgt Ion:106 Resp: 1878025

Ion Ratio Lower Upper

106 100

91 199.2 161.1 241.7





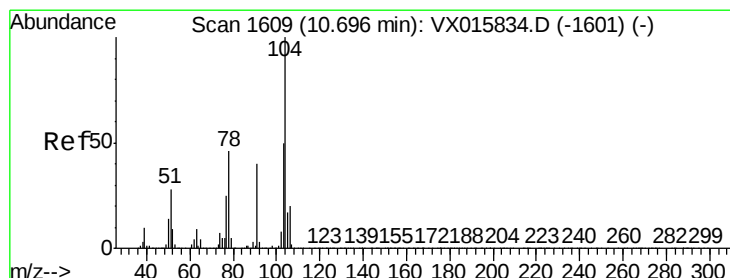
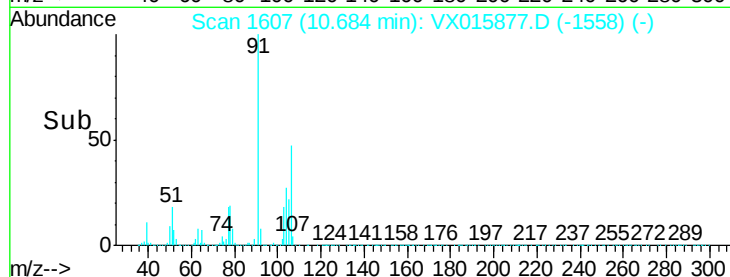
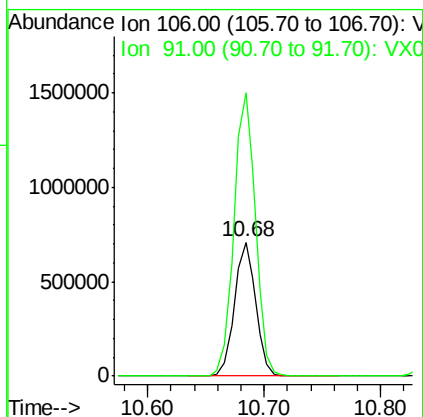
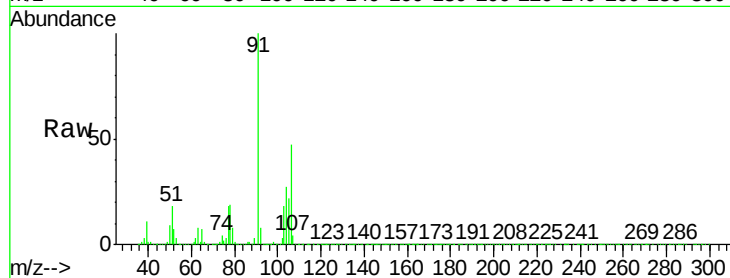
#69
o-Xylene
Concen: 49.442 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.3	107.1	321.3

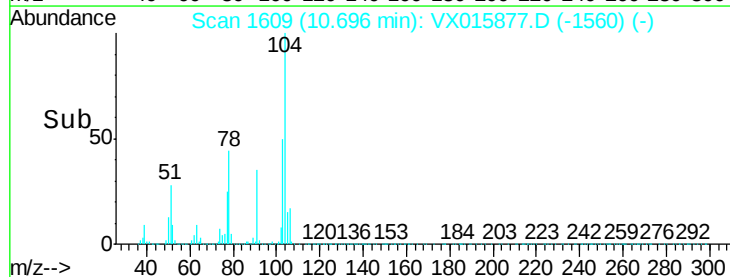
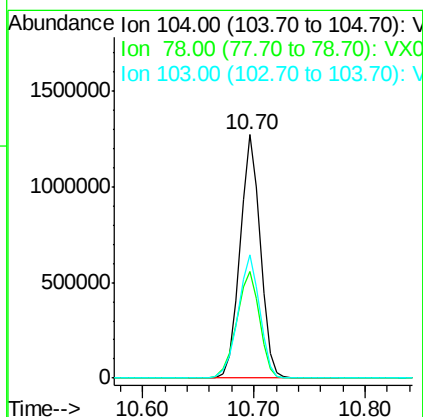
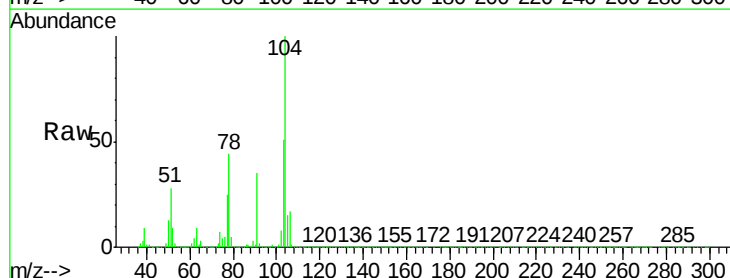
Manual Integrations
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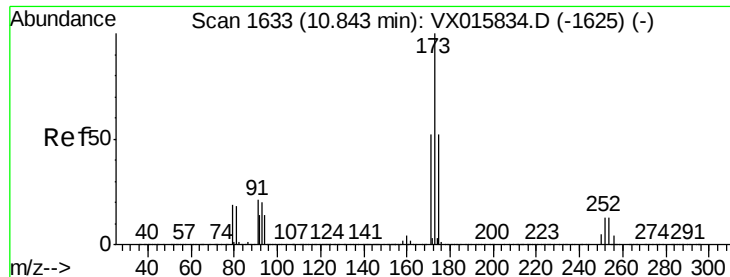
MMDadoda
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#70
Styrene
Concen: 51.102 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.4	40.1	60.1
103	54.3	43.3	64.9





#71

Bromoform

Concen: 64.783 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 440854

Ion Ratio Lower Upper

173 100

175 47.1 25.1 75.4

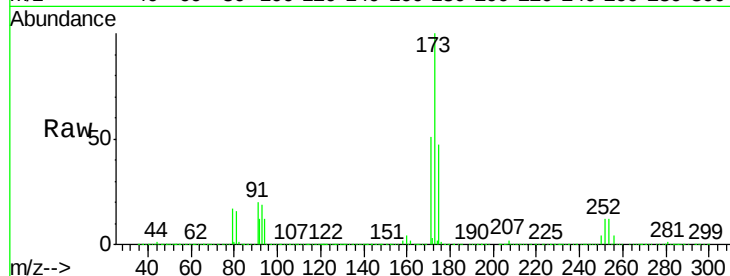
254 0.1 0.3 0.5#

Manual Integrations

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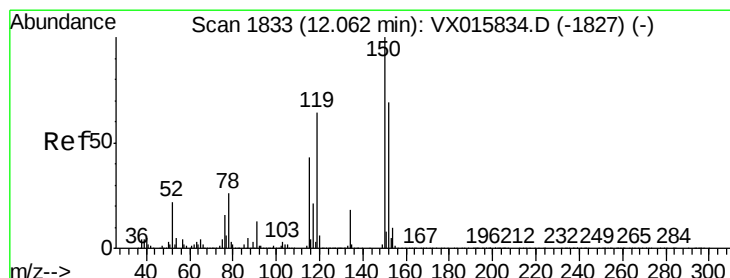
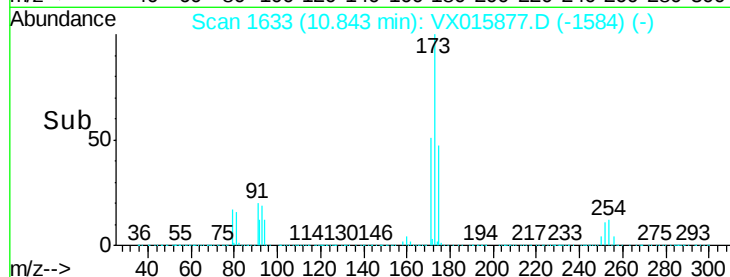
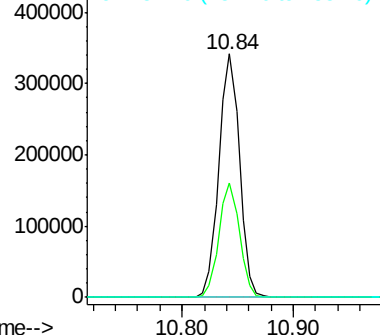
4/23/2020 12:16:52 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

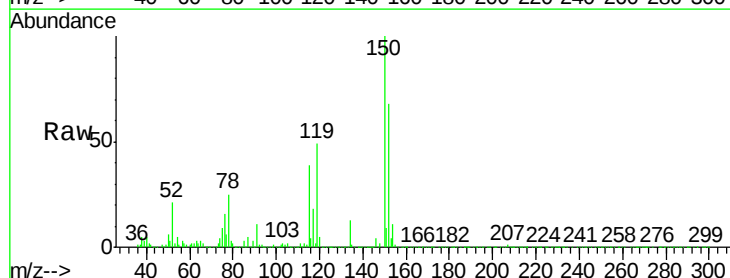
Tgt Ion:152 Resp: 745476

Ion Ratio Lower Upper

152 100

115 76.6 39.0 116.9

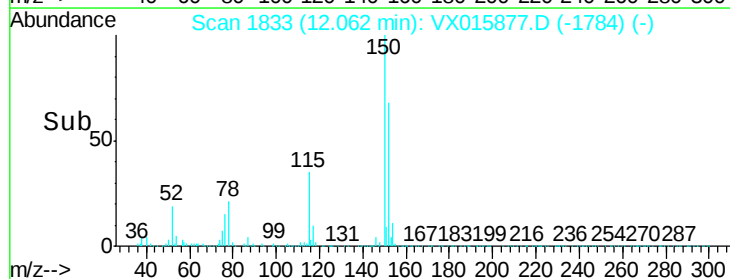
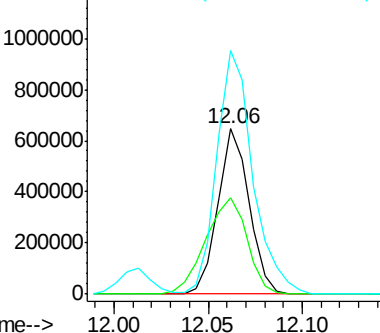
150 169.5 0.0 336.8

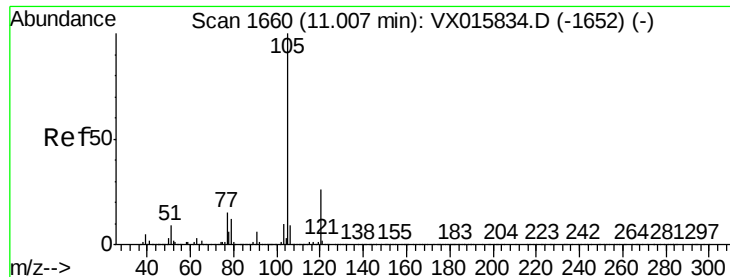


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





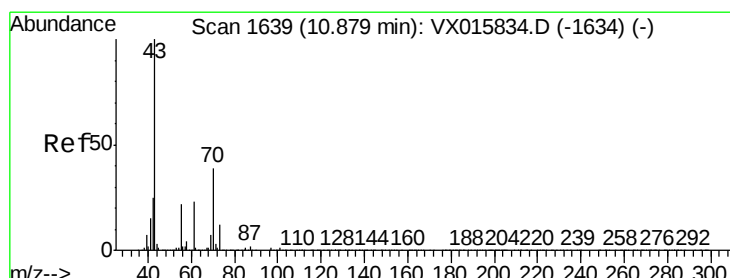
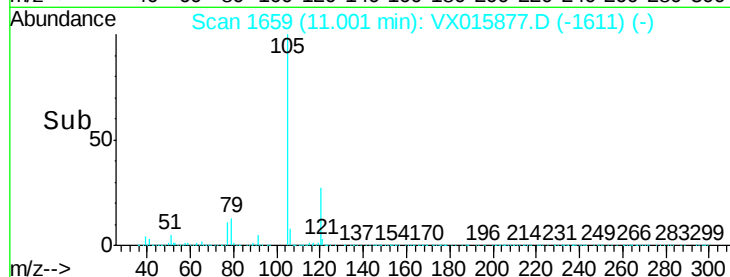
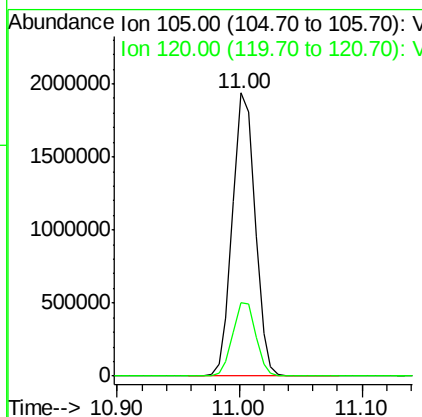
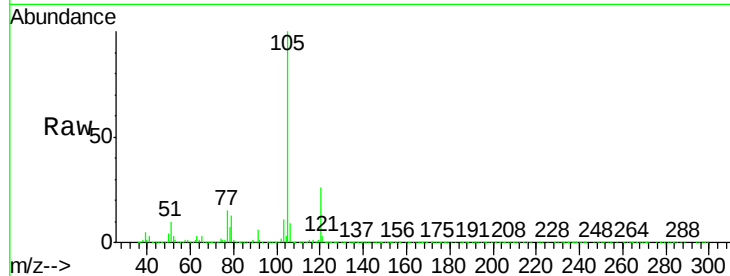
#73
Isopropylbenzene
Concen: 52.255 ug/l
RT: 11.00 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 2474032
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

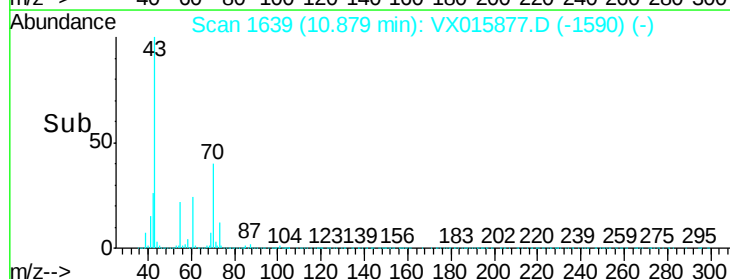
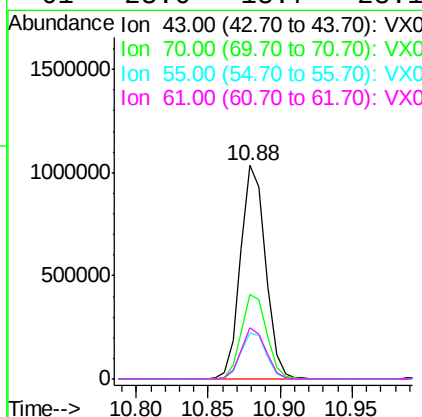
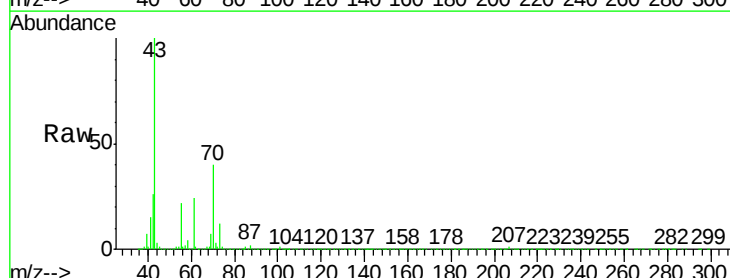
Manual Integrations
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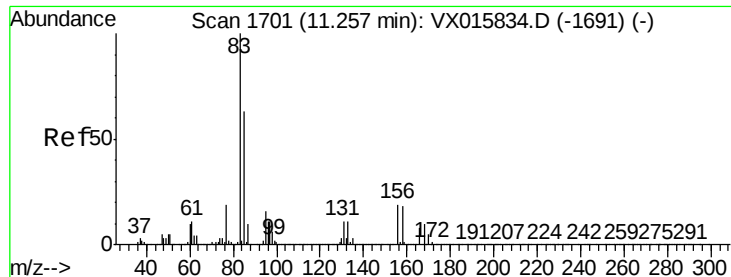
MMDadoda
4/23/2020 12:16:52 PM



#74
N-ethyl acetate
Concen: 50.881 ug/l
RT: 10.88 min Scan# 1639
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion: 43 Resp: 1243618
Ion Ratio Lower Upper
43 100
70 40.4 32.6 49.0
55 22.0 18.3 27.5
61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 54.792 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

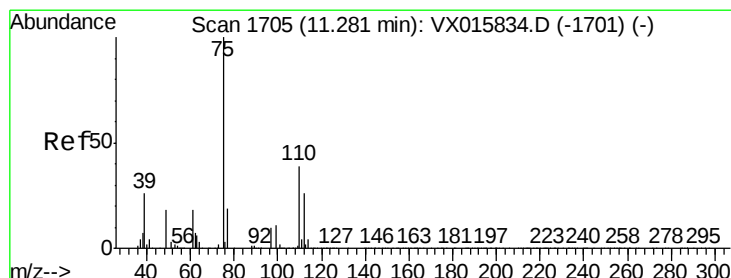
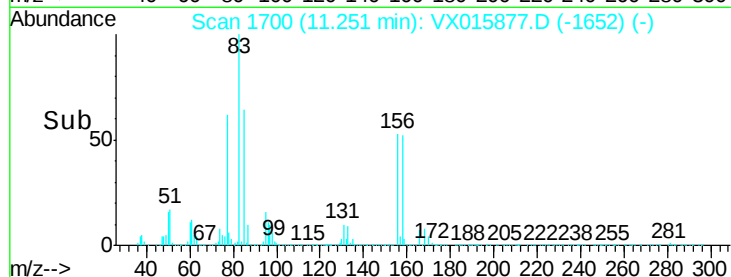
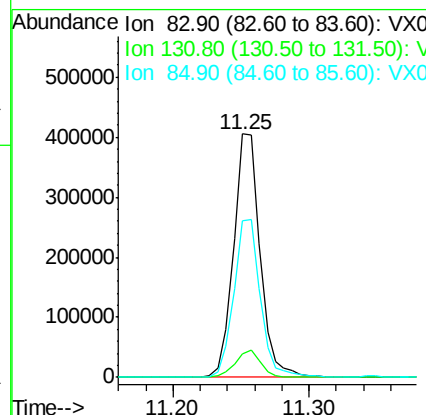
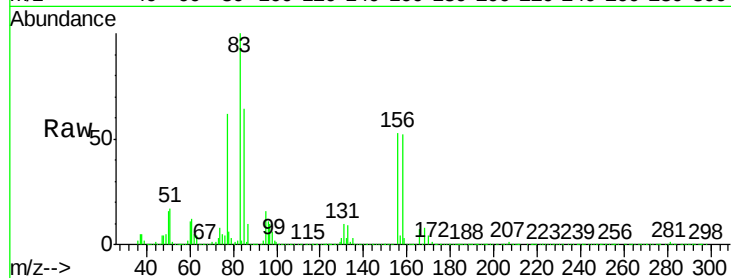
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	549005
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	65.2	32.4	97.0

Manual Integrations
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4/23/2020 12:16:52 PM



#76

1,2,3-Trichloropropane

Concen: 50.915 ug/l m

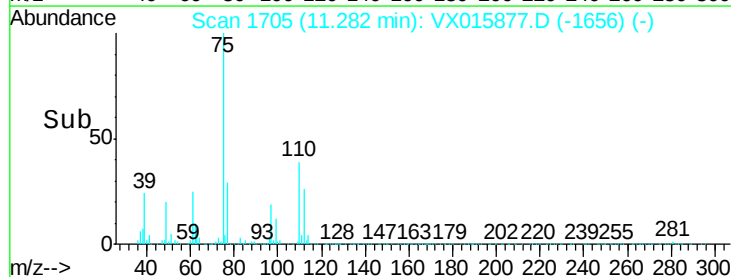
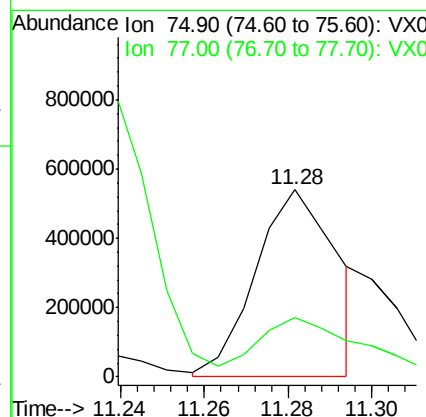
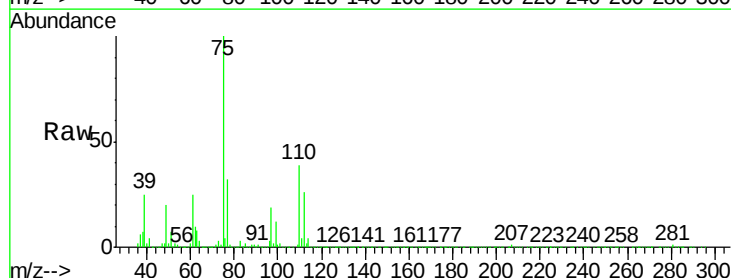
RT: 11.28 min Scan# 1705

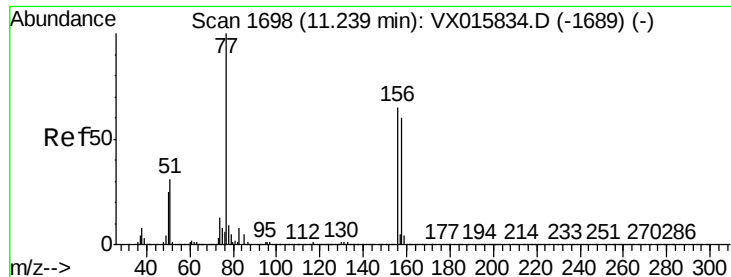
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	75	Resp:	721756
Ion Ratio	Lower	Upper	
75	100		
77	40.4	21.3	63.9





#77

Bromobenzene

Concen: 52.050 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

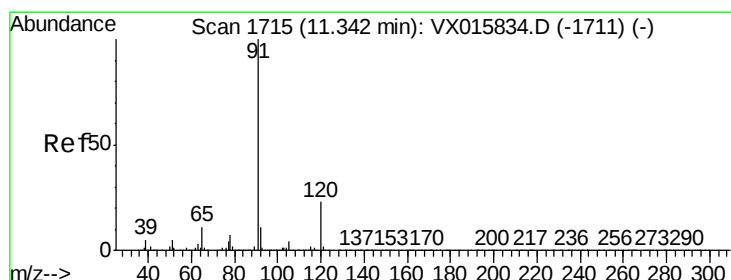
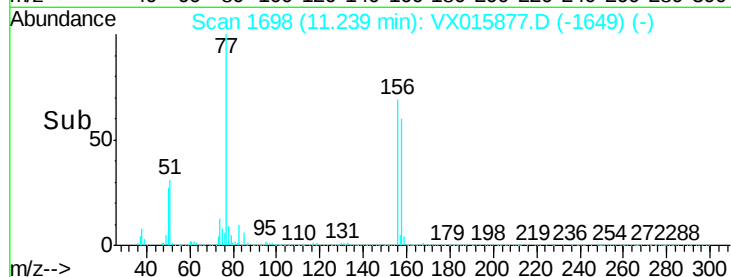
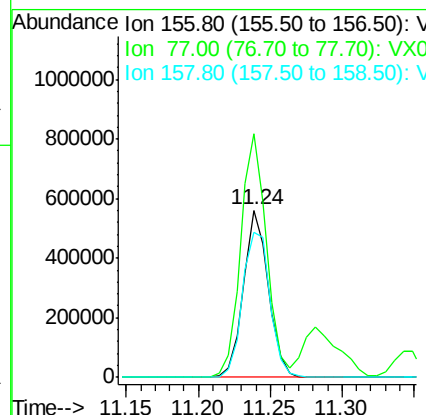
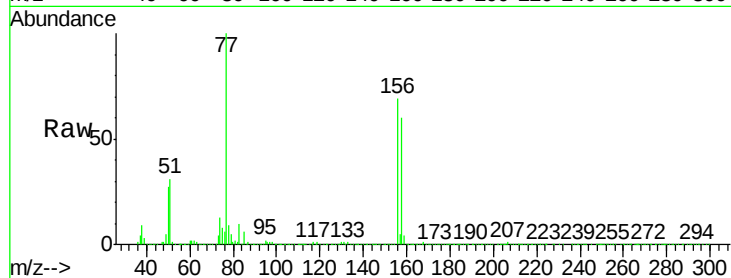
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	673326
Ion Ratio	Lower	Upper	
156	100		
77	150.9	75.2	225.6
158	96.5	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 51.823 ug/l

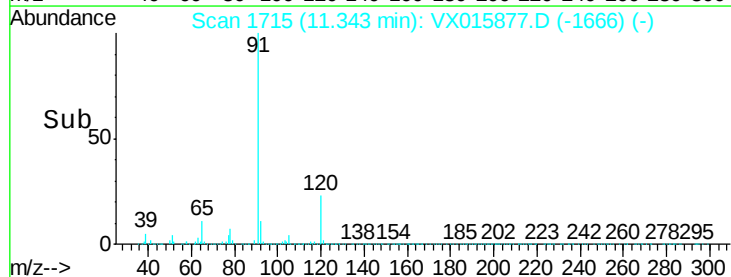
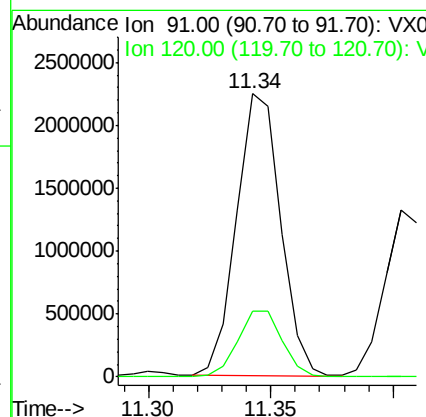
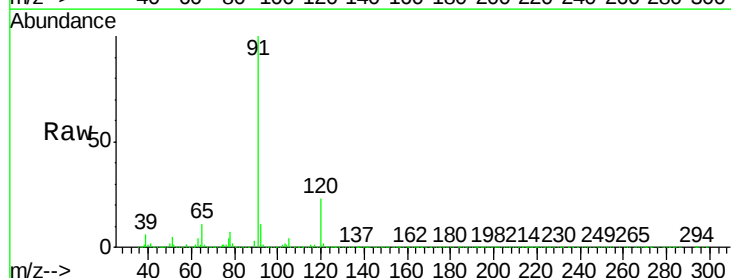
RT: 11.34 min Scan# 1715

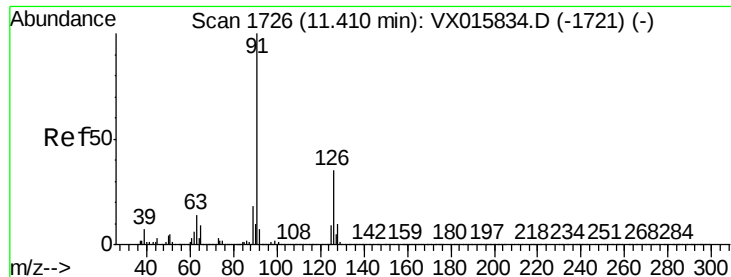
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	91	Resp:	2810686
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.132 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1665822

Ion Ratio Lower Upper

91 100

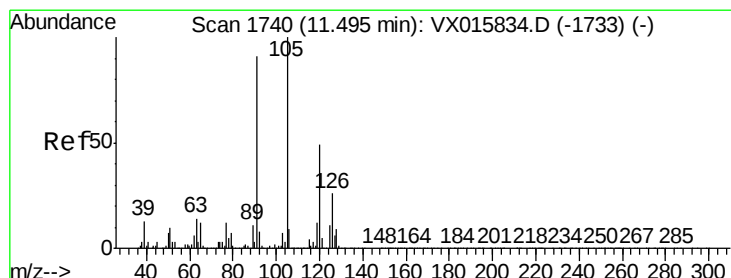
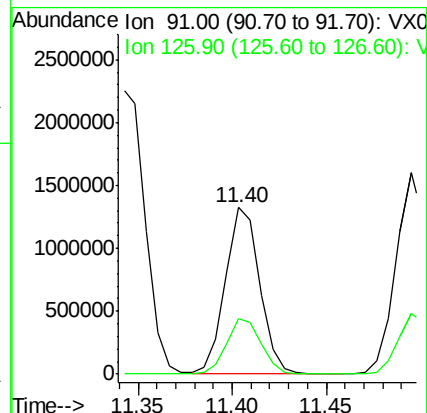
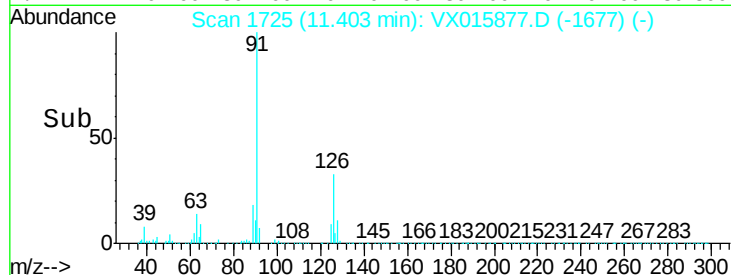
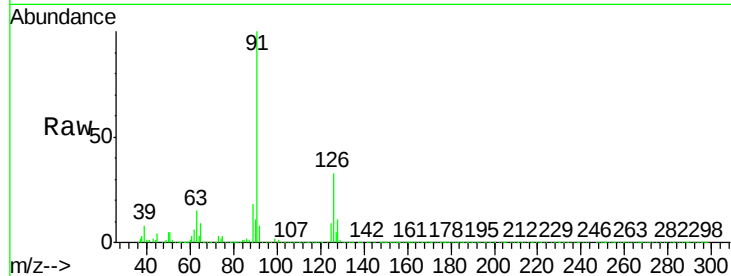
126 34.0 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 51.796 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015877.D

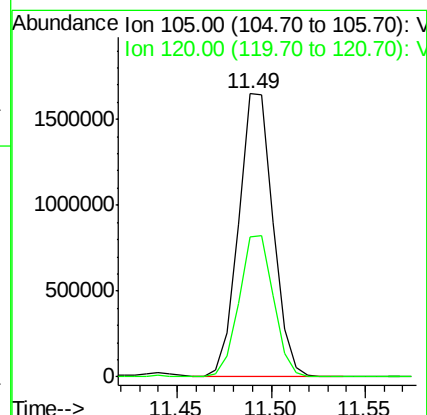
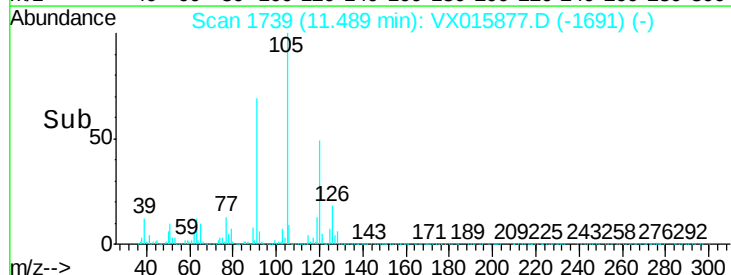
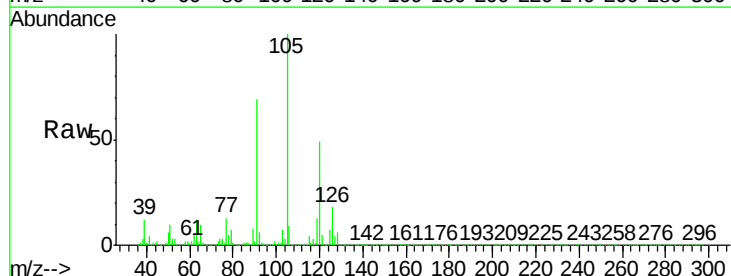
Acq: 23 Apr 2020 06:13

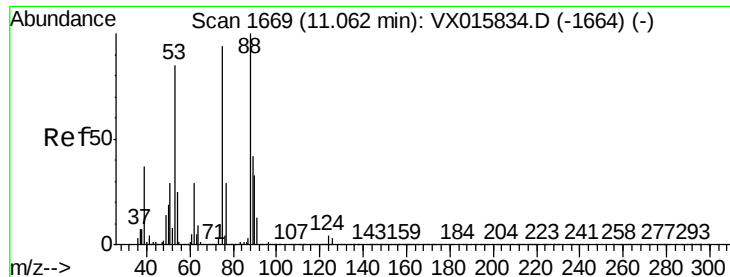
Tgt Ion: 105 Resp: 2091032

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.7





#81

trans-1,4-Dichloro-2-butene

Concen: 43.838 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

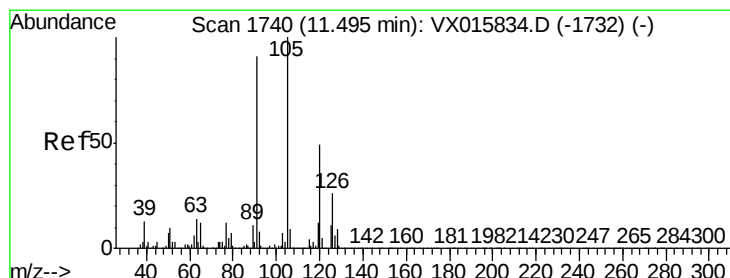
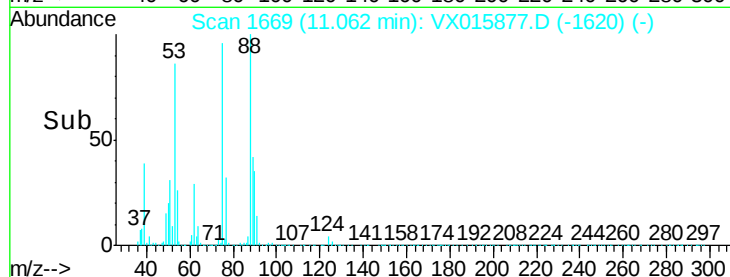
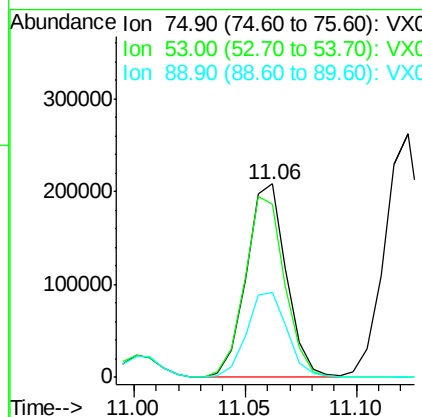
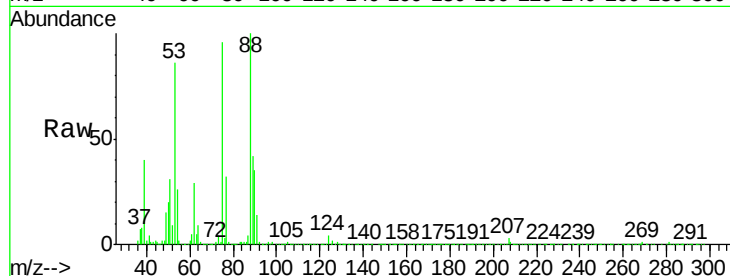
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	258336
Ion Ratio	Lower	Upper	
75	100		
53	93.6	74.2	111.2
89	44.6	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.997 ug/l

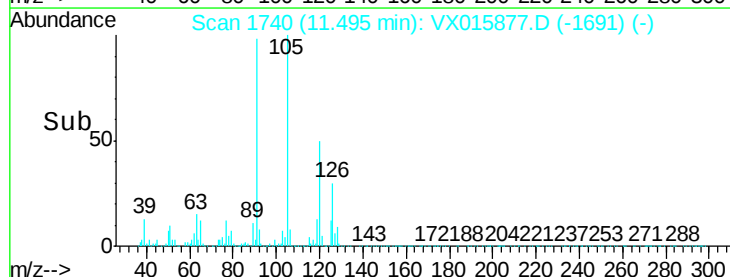
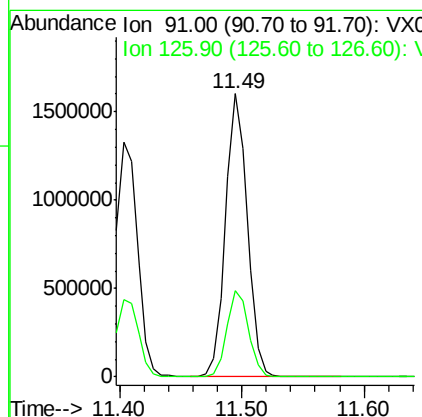
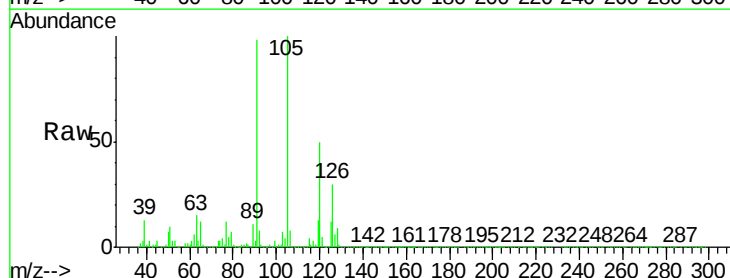
RT: 11.49 min Scan# 1740

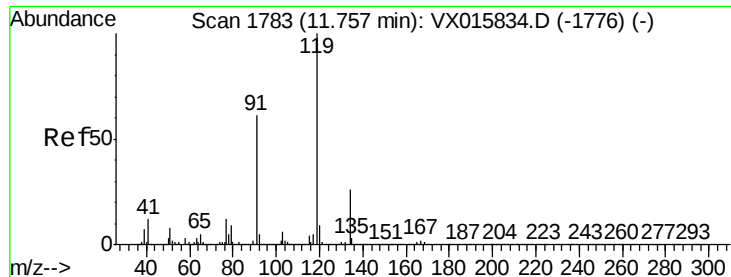
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	91	Resp:	1974283
Ion Ratio	Lower	Upper	
91	100		
126	30.1	15.0	45.0





#83

tert-Butylbenzene

Concen: 50.991 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

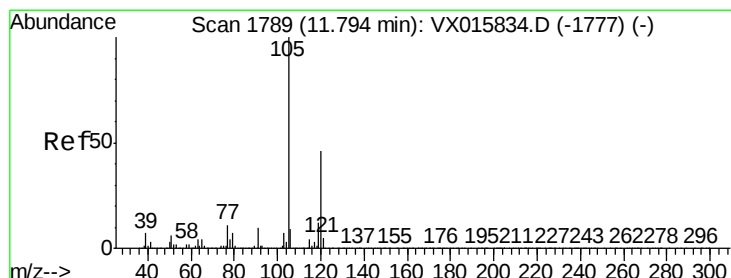
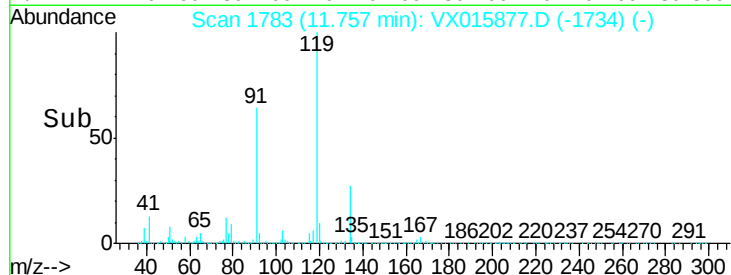
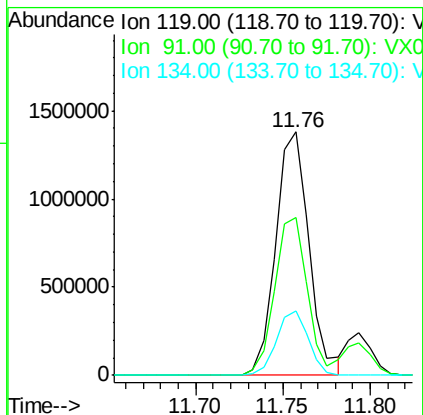
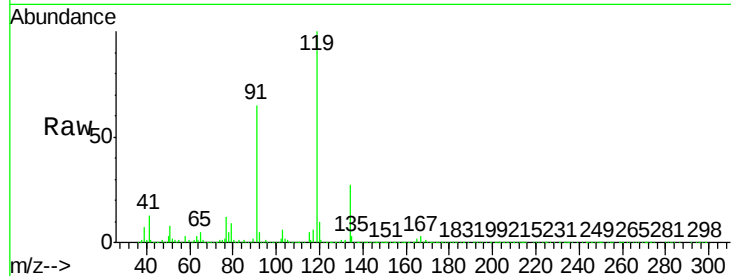
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1825981
Ion	Ratio	Lower	Upper
119	100		
91	63.2	30.9	92.7
134	25.4	12.4	37.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 53.505 ug/l

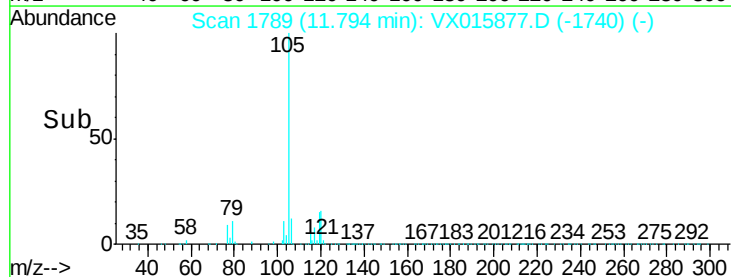
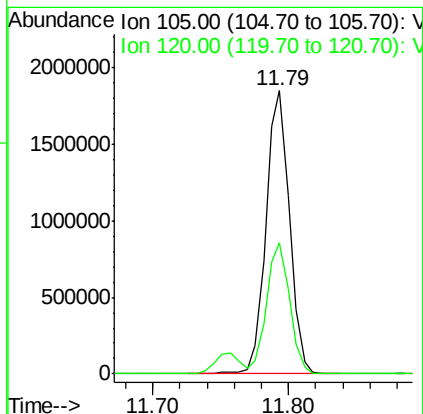
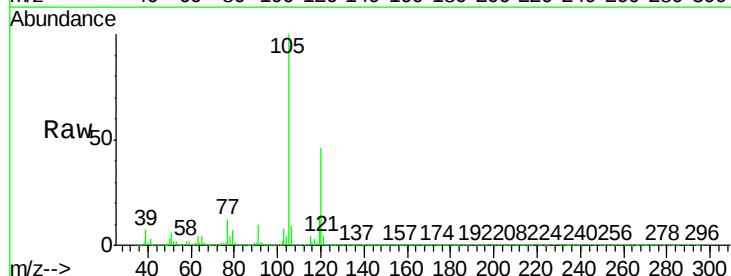
RT: 11.79 min Scan# 1789

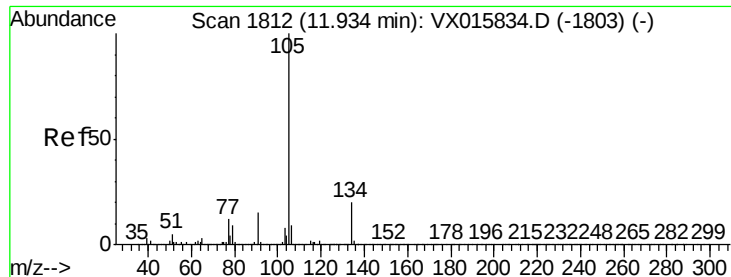
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	105	Resp:	2242524
Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.9	68.7





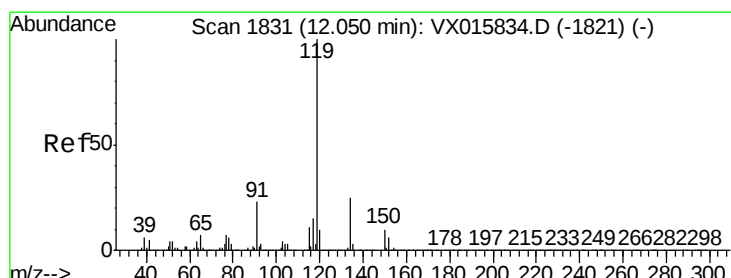
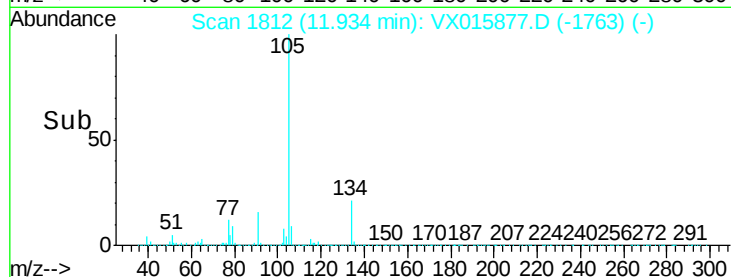
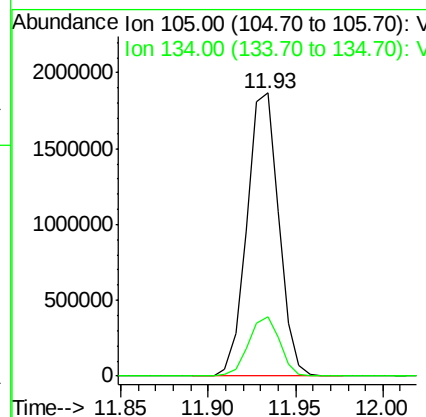
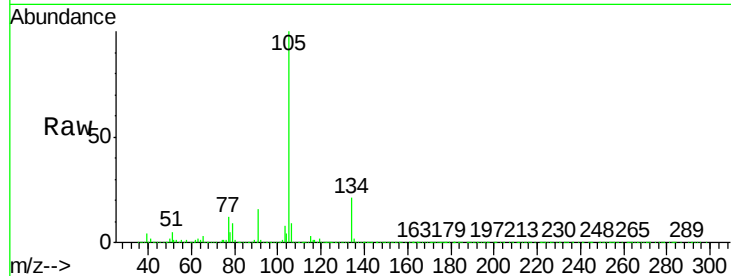
#85
 sec-Butylbenzene
 Concen: 50.114 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 2365681
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.3 30.8

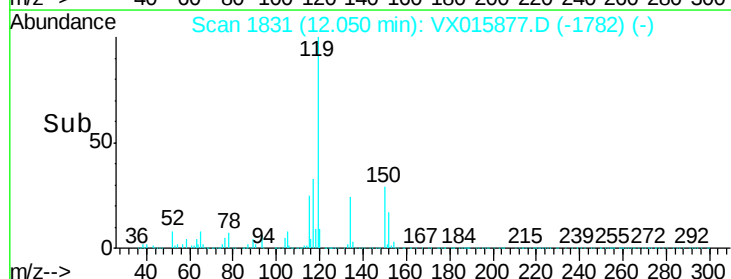
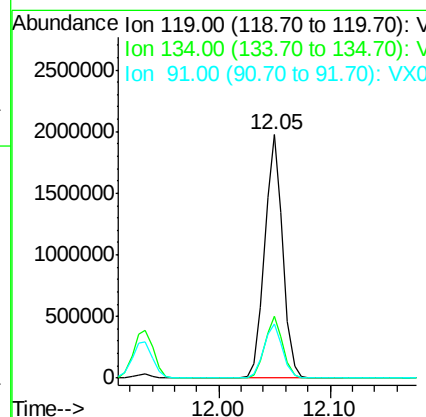
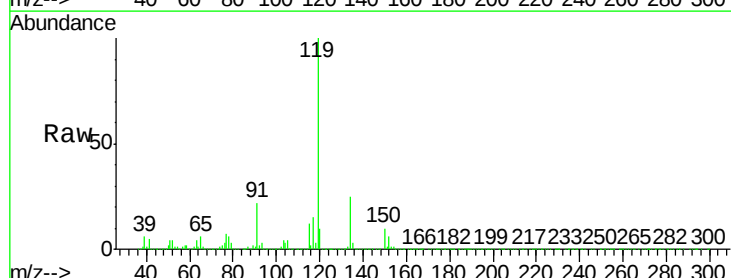
Manual Integrations
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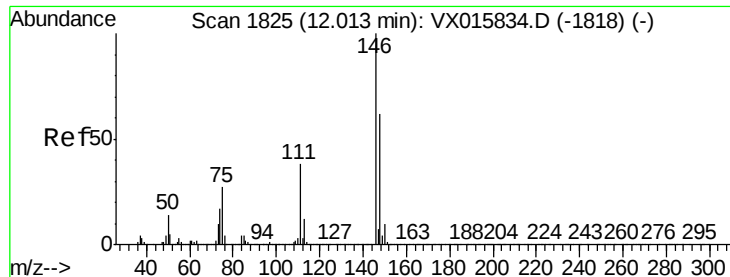
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#86
 p-Isopropyltoluene
 Concen: 50.533 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Tgt Ion:119 Resp: 2230587
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.0 38.9
 91 22.7 11.5 34.5





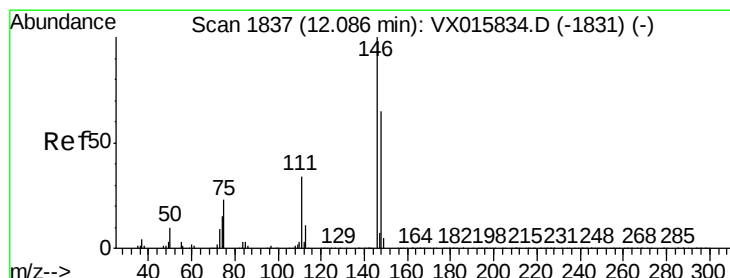
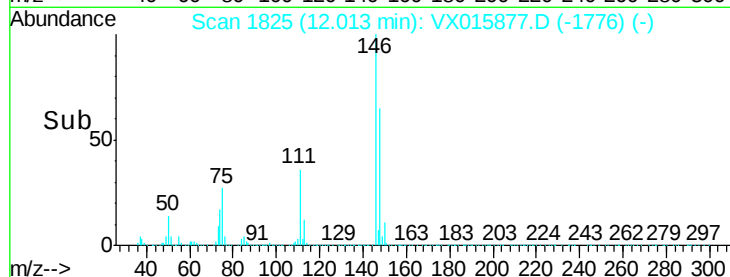
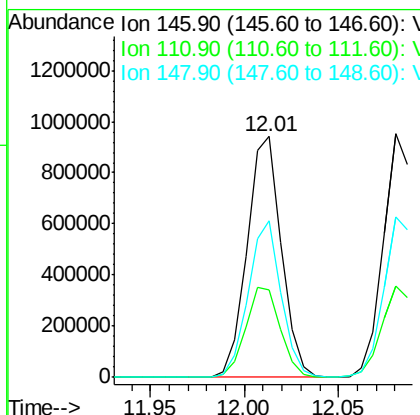
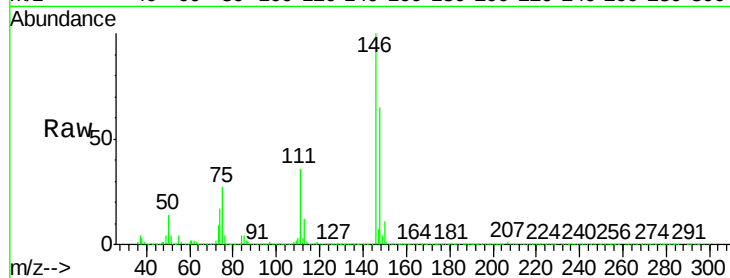
#87
 1,3-Dichlorobenzene
 Concen: 49.821 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:146 Resp: 1183073
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.1 57.1
 148 62.5 30.9 92.7

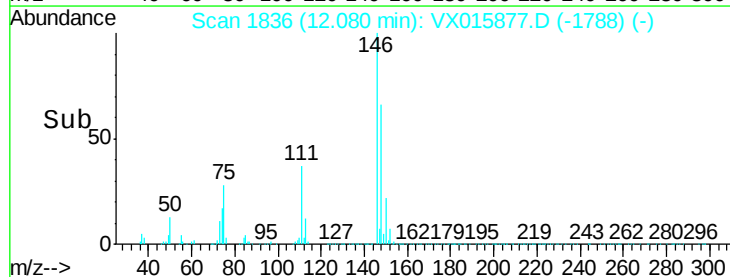
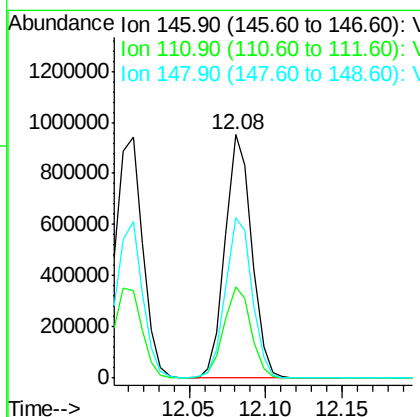
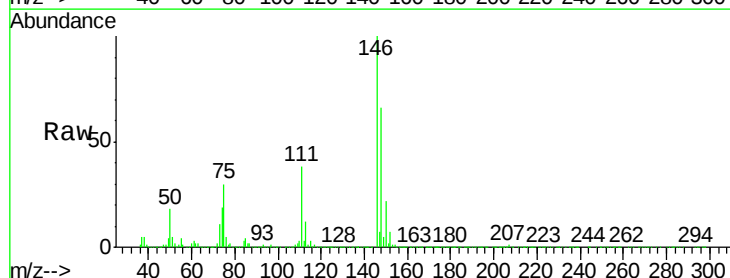
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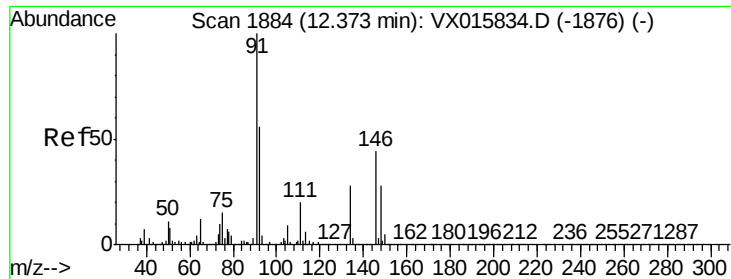
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.285 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Tgt Ion:146 Resp: 1147782
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.4 58.2
 148 66.0 33.8 101.4





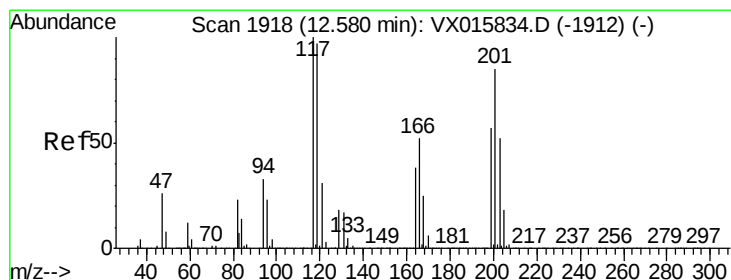
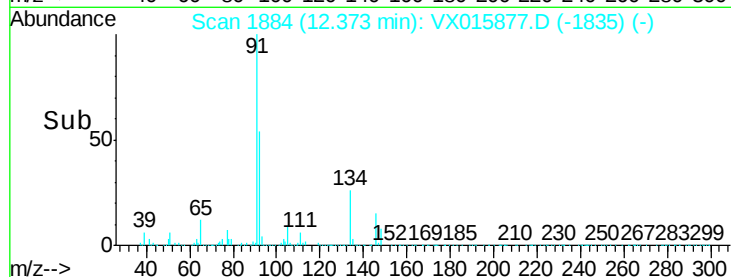
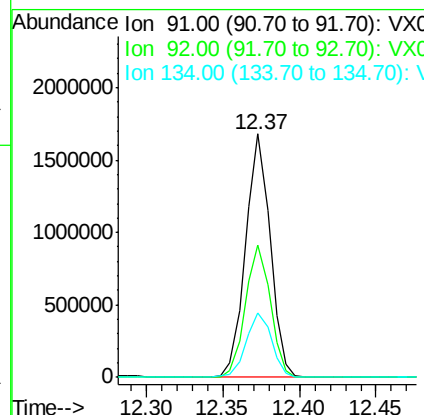
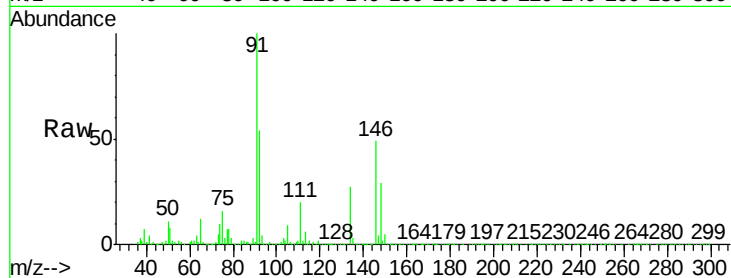
#89
n-Butylbenzene
Concen: 47.315 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.4	27.7	83.1
134	27.7	14.1	42.4

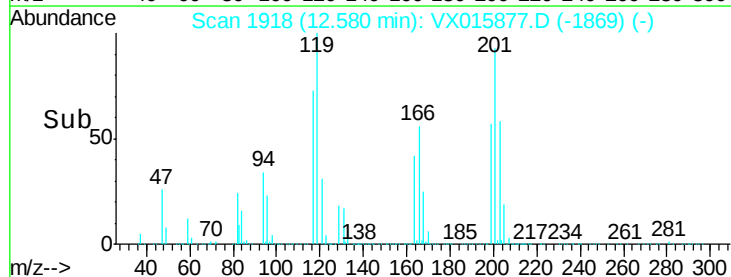
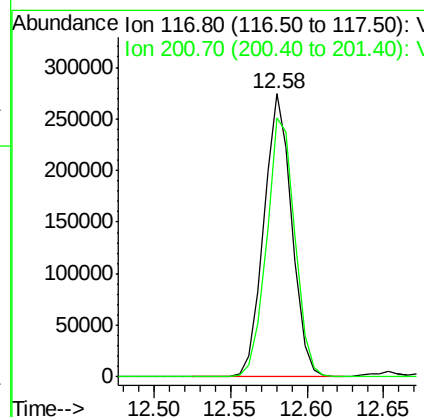
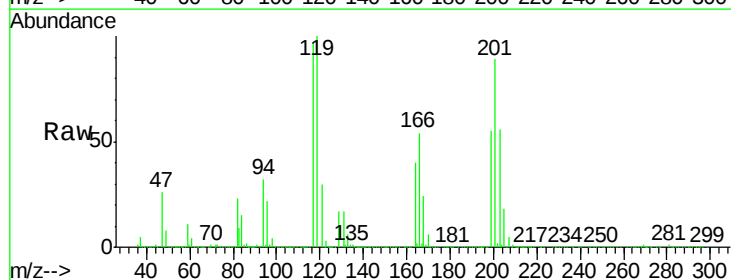
Manual Integrations
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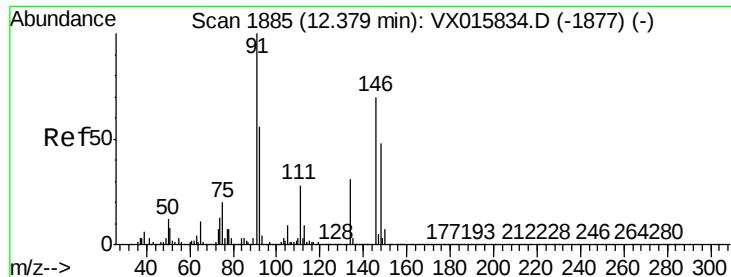
MMDadoda
4/23/2020 12:16:52 PM



#90
Hexachloroethane
Concen: 74.394 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.3	45.6	136.9





#91

1,2-Dichlorobenzene

Concen: 48.052 ug/l

RT: 12.37 min Scan# 1884

Delta R.T. -0.01 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Instrument :

MSVOA_X

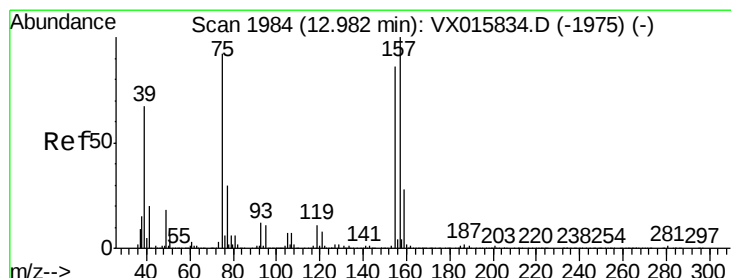
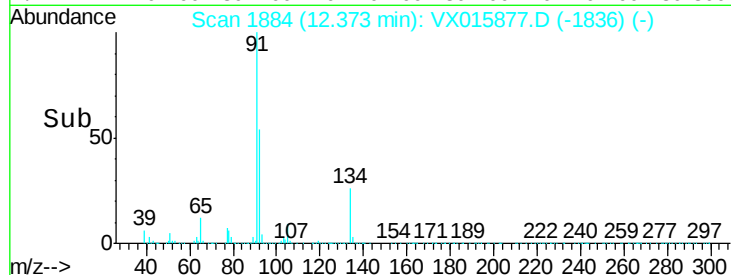
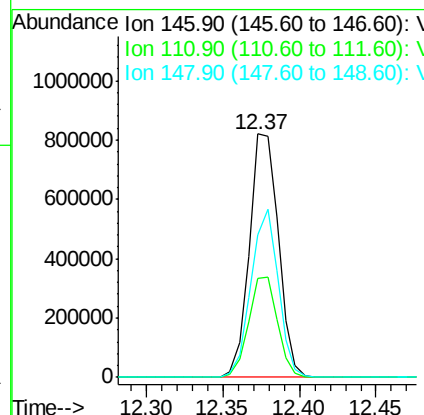
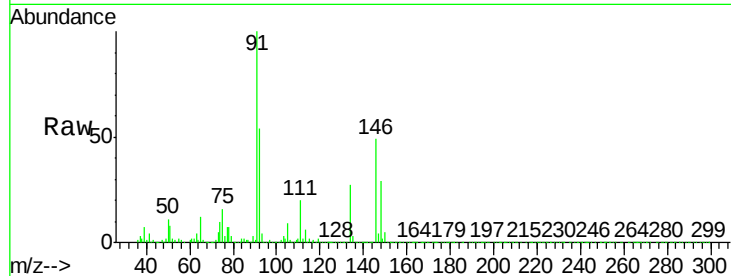
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	1082256
Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	61.0
148	65.2	32.1	96.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 55.130 ug/l

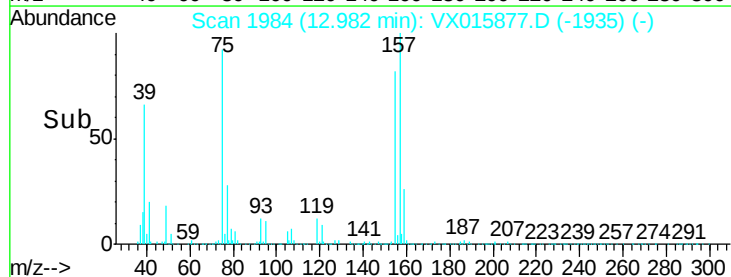
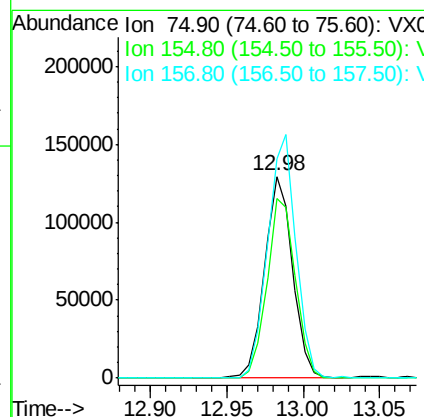
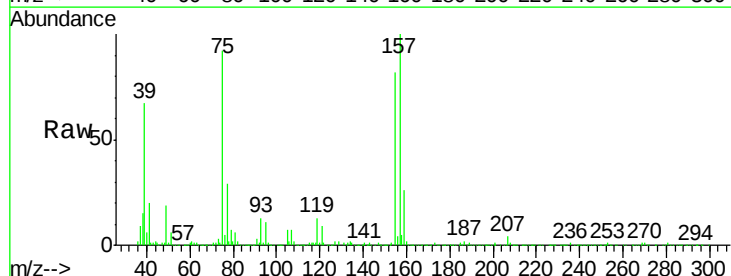
RT: 12.98 min Scan# 1984

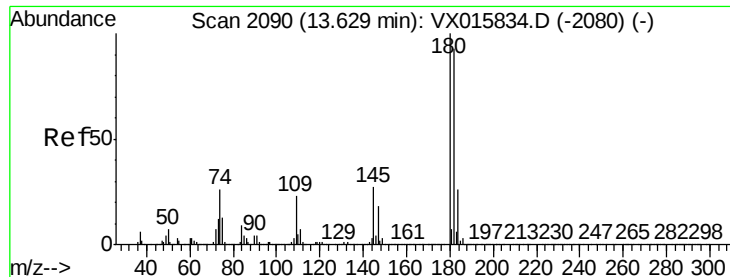
Delta R.T. 0.00 min

Lab File: VX015877.D

Acq: 23 Apr 2020 06:13

Tgt Ion:	75	Resp:	163815
Ion	Ratio	Lower	Upper
75	100		
155	91.2	48.1	144.4
157	122.9	58.9	176.7





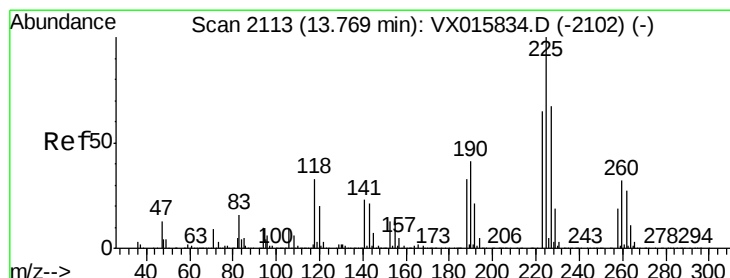
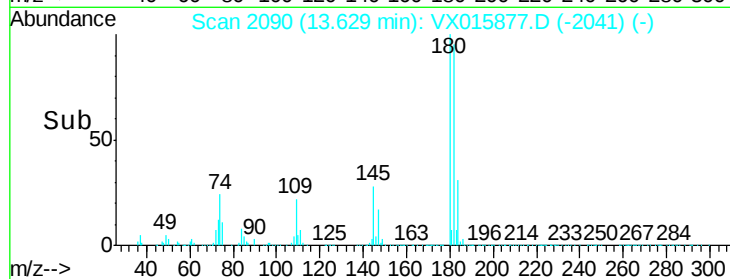
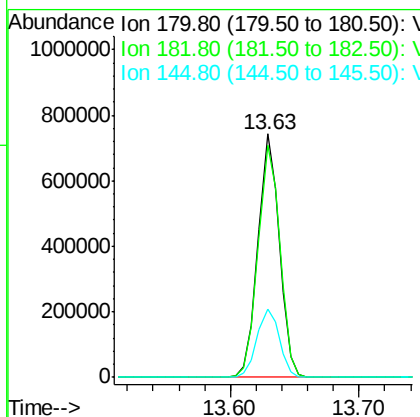
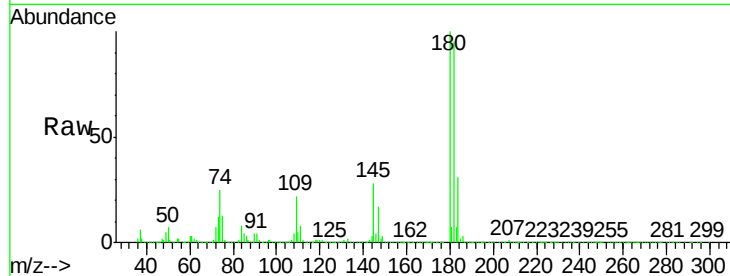
#93
 1,2,4-Trichlorobenzene
 Concen: 47.522 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.0	47.7	143.1
145	29.7	14.5	43.5

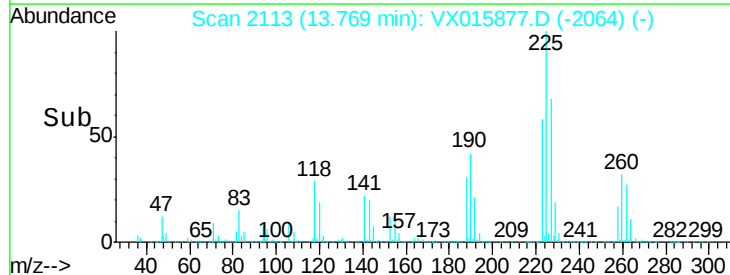
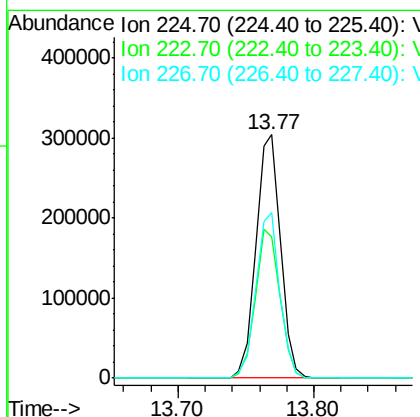
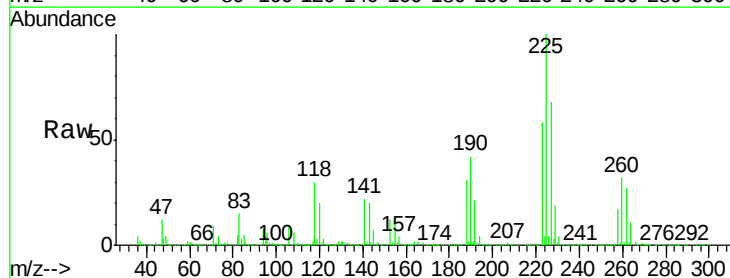
Manual Integrations
 APPROVED

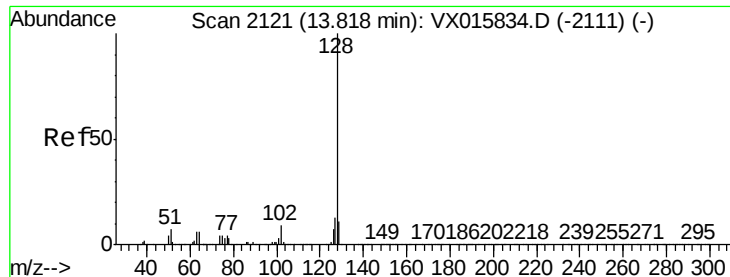
MMDadoda
 4/23/2020 12:16:52 PM



#94
 Hexachlorobutadiene
 Concen: 48.560 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015877.D
 Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.1	31.3	93.8
227	65.8	32.6	97.8





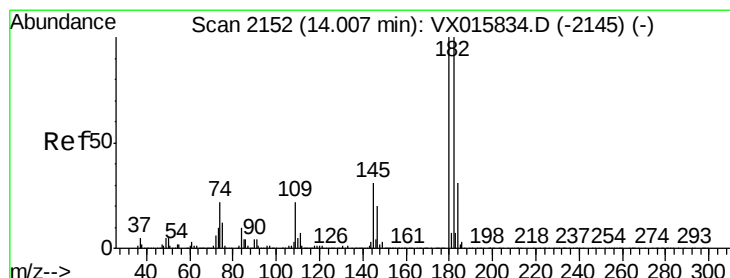
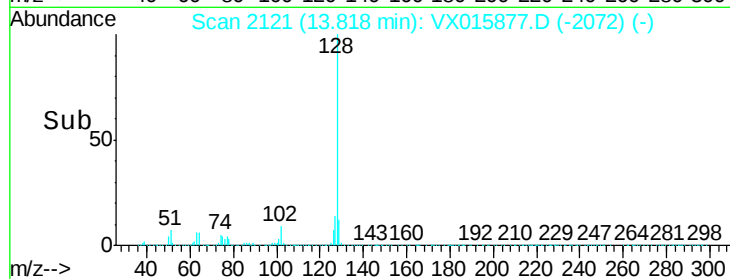
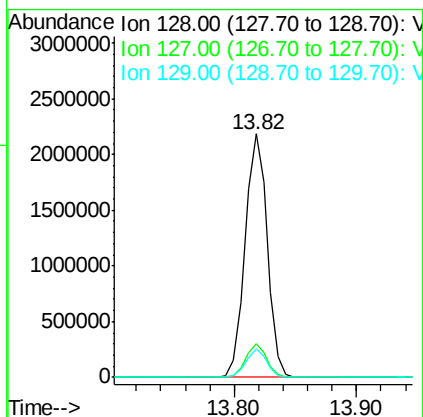
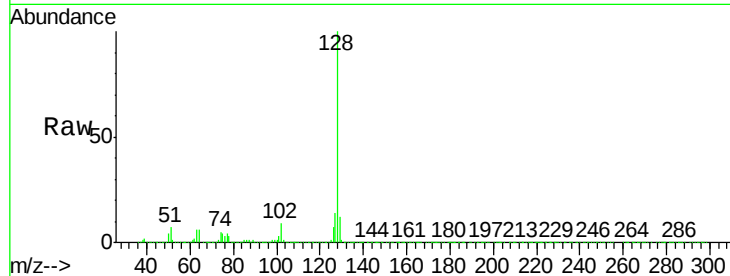
#95
Naphthalene
Concen: 53.474 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/23/2020 12:16:52 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.119 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015877.D
Acq: 23 Apr 2020 06:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.9	143.7
145	31.1	15.2	45.5

