

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015555.D
 Acq On : 07 Apr 2020 21:41
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:13:16 AM

Quant Time: Apr 08 04:08:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 26 02:31:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	183034	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	1041061	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	957366	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	457171	31.96	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	106.53%
60) 4-Bromofluorobenzene	11.12	95	506680	30.93	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	103.10%
63) Toluene-d8	8.70	98	1228976	30.21	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	151730	17.359 ug/l	98
3) Chloromethane	1.31	50	192348	17.831 ug/l	100
4) Vinyl Chloride	1.39	62	196612	18.946 ug/l	99
5) Bromomethane	1.63	94	123759	22.402 ug/l	98
6) Chloroethane	1.72	64	133924	20.685 ug/l	95
7) Trichlorofluoromethane	1.92	101	284384	19.175 ug/l	97
8) Diethyl Ether	2.17	74	120156	21.058 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	185706	18.926 ug/l	97
10) 1,1-Dichloroethene	2.36	96	190020	19.066 ug/l	91
11) Methyl Iodide	2.49	142	187574	14.163 ug/l	97
12) Methyl Acetate	2.75	43	293914	20.154 ug/l	98
13) Acrolein	2.27	56	245105	129.197 ug/l	95
14) Acrylonitrile	3.11	53	625720	100.221 ug/l	99
15) Acetone	2.42	58	159525	100.484 ug/l	89
16) Carbon Disulfide	2.55	76	544333	18.683 ug/l	100
17) Allyl chloride	2.71	41	407488	18.109 ug/l	97
18) Methylene Chloride	2.84	84	220120	19.672 ug/l	97
19) trans-1,2-Dichloroethene	3.14	96	211808	19.646 ug/l	99
20) Diisopropyl ether	3.83	45	796015	19.724 ug/l	97
21) 1,1-Dichloroethane	3.67	63	406750	19.745 ug/l	99
22) cis-1,2-Dichloroethene	4.57	96	240472	19.362 ug/l	99
23) tert-Butyl Alcohol	3.01	59	290094	94.462 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	728736	19.694 ug/l	99
25) Chloroform	5.18	83	404343	19.857 ug/l	99
26) Cyclohexane	5.55	56	364302	18.509 ug/l	# 99
29) 1,1-Dichloropropene	5.78	75	302517	19.341 ug/l	99
30) 2-Butanone	4.64	43	915415	97.632 ug/l	98
31) 2,2-Dichloropropane	4.56	77	315069	16.740 ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	364253	19.088 ug/l	97
33) Carbon Tetrachloride	5.76	117	326389	18.768 ug/l	99
34) Benzene	6.11	78	865456	19.199 ug/l	97
35) Methacrylonitrile	5.01	41	206358	19.408 ug/l	97
36) 1,2-Dichloroethane	6.17	62	354103	20.328 ug/l	99
37) Trichloroethene	7.19	130	243051	19.148 ug/l	99
38) Methylcyclohexane	7.45	83	342841	17.880 ug/l	98
39) 1,2-Dichloropropane	7.49	63	229824	18.981 ug/l	97
40) Dibromomethane	7.64	93	153523	19.049 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.88	83	332812	19.001	ug/l	98
42) Vinyl Acetate	3.79	43	3550049	99.927	ug/l	100
43) Ethyl Acetate	4.79	43	370073	18.145	ug/l	99
44) Isopropyl Acetate	6.42	43	624865	19.037	ug/l	100
45) 1,4-Dioxane	7.72	88	109054	360.658	ug/l	99
46) Methyl methacrylate	7.75	41	311968	19.046	ug/l	99
47) n-amyl Acetate	10.89	43	538137	19.014	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	362162	17.911	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	383995	18.399	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	225252	19.476	ug/l	100
51) Ethyl methacrylate	9.16	69	376989	18.952	ug/l	96
52) 1,3-Dichloropropane	9.36	76	395202	19.783	ug/l	100
53) Dibromochloromethane	9.56	129	259396	18.194	ug/l	99
54) 1,2-Dibromoethane	9.65	107	240755	19.400	ug/l	99
55) 2-Chloroethyl vinyl ether	8.29	63	928138	98.792	ug/l	99
56) Bromoform	10.84	173	205488	17.528	ug/l #	97
58) 4-Methyl-2-Pentanone	8.62	43	1844520	100.668	ug/l	100
59) 2-Hexanone	9.47	43	1385380	99.387	ug/l	99
61) Tetrachloroethene	9.32	164	232078	18.860	ug/l	97
62) Toluene	8.77	91	944580	19.479	ug/l	99
64) Chlorobenzene	10.12	112	601499	19.293	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	237364	18.631	ug/l	98
66) Ethyl Benzene	10.24	91	1083013	19.550	ug/l	98
67) m/p-Xylenes	10.34	106	806739	38.477	ug/l	99
68) o-Xylene	10.68	106	386099	18.840	ug/l	99
69) Styrene	10.70	104	687392	19.251	ug/l	100
70) Isopropylbenzene	11.01	105	1063611	19.577	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.25	83	341347	19.385	ug/l	99
72) 1,2,3-Trichloropropane	11.28	75	319864m	19.413	ug/l	
73) Bromobenzene	11.25	156	271124	18.590	ug/l	97
74) n-propylbenzene	11.35	91	1210284	19.421	ug/l	100
75) 2-Chlorotoluene	11.41	91	738419	19.483	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	895672	19.197	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	112318	15.819	ug/l	91
78) 4-Chlorotoluene	11.50	91	864926	19.726	ug/l	99
79) tert-butylbenzene	11.76	119	876434	18.795	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	910528	19.265	ug/l	99
81) sec-Butylbenzene	11.93	105	1027872	19.216	ug/l	100
82) p-Isopropyltoluene	12.05	119	963522	19.111	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	500304	19.078	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	511262	19.536	ug/l	99
85) n-Butylbenzene	12.37	91	859198	19.120	ug/l	99
86) Hexachloroethane	12.58	117	177045	18.169	ug/l	92
87) 1,2-Dichlorobenzene	12.38	146	479026	18.723	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	86031	18.548	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	376396	18.263	ug/l	100
90) Hexachlorobutadiene	13.77	225	167389	15.417	ug/l	99
91) Naphthalene	13.82	128	1174889	19.686	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	387647	18.934	ug/l	98

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ClientSampleId :
VSTDCCC020EC

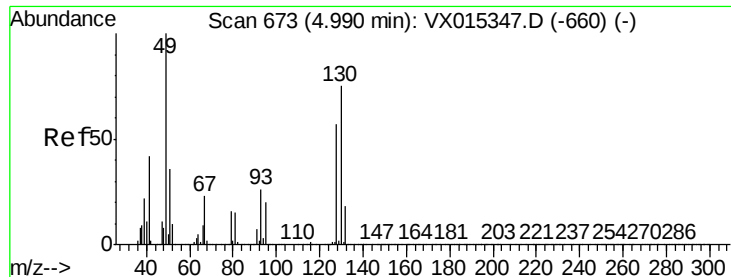
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 672

Delta R.T. -0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

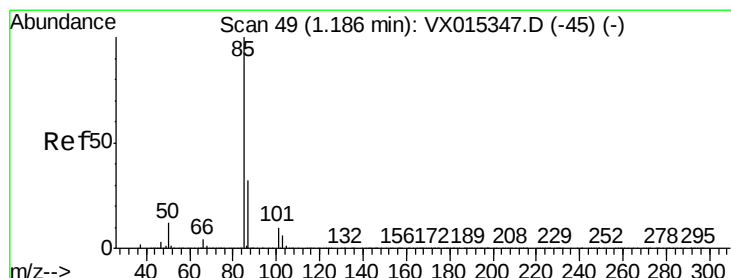
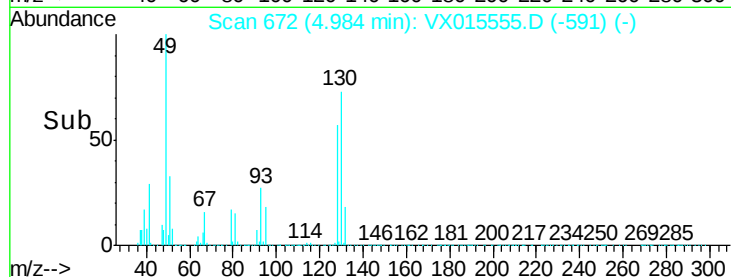
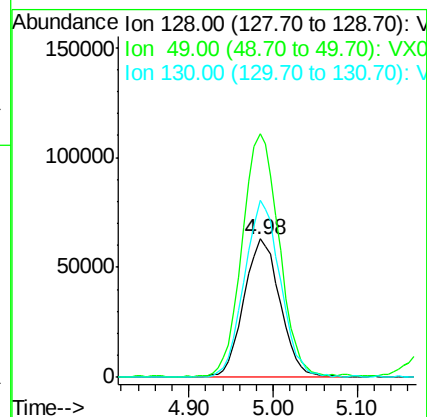
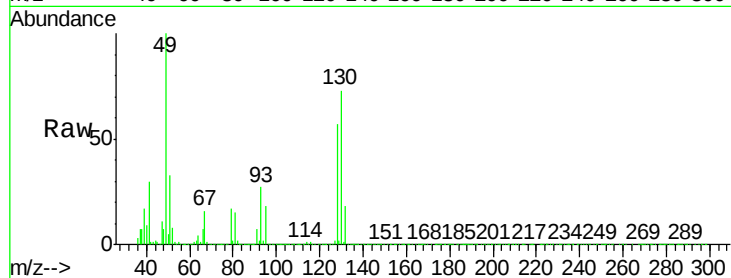
ClientSampled :

VSTDCCC020EC

Tot Ion:	128	Resp:	183034
Ion Ratio	Lower	Upper	
128	100		
49	178.7	0.0	428.0
130	127.0	0.0	324.5

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#2

Dichlorodifluoromethane

Concen: 17.359 ug/l

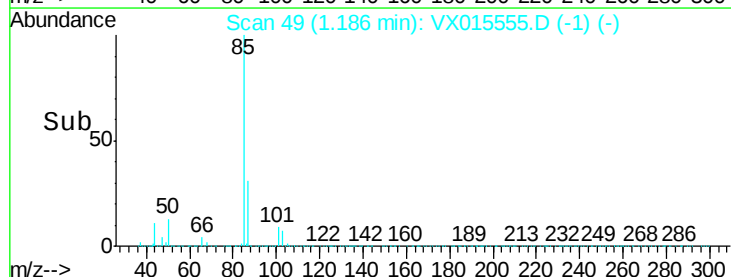
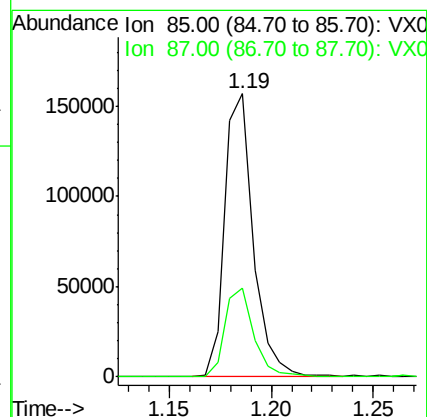
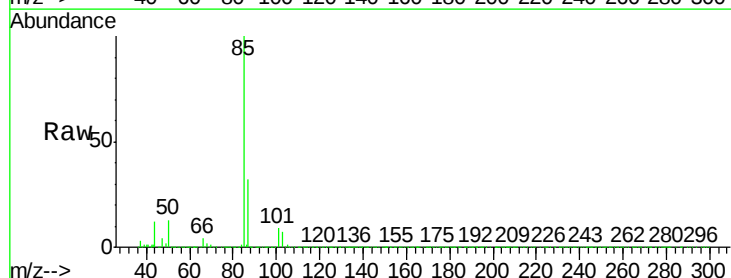
RT: 1.19 min Scan# 49

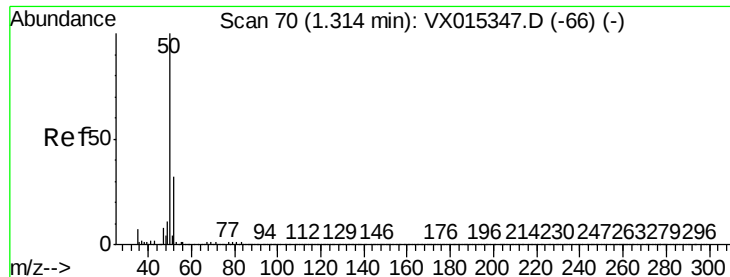
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	85	Resp:	151730
Ion Ratio	Lower	Upper	
85	100		
87	31.5	16.3	48.9





#3

Chloromethane

Concen: 17.831 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 192348

Ion Ratio Lower Upper

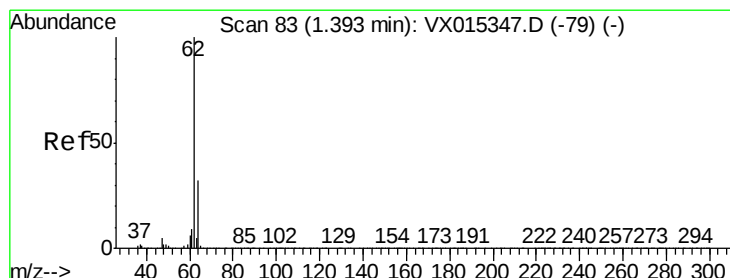
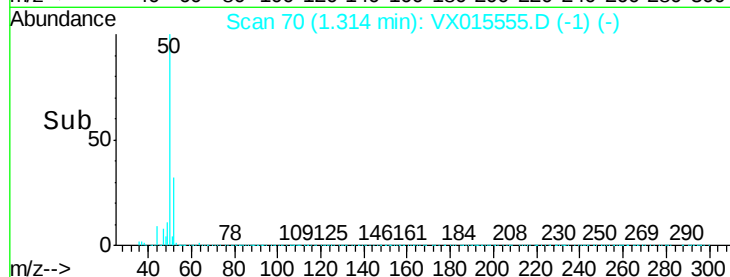
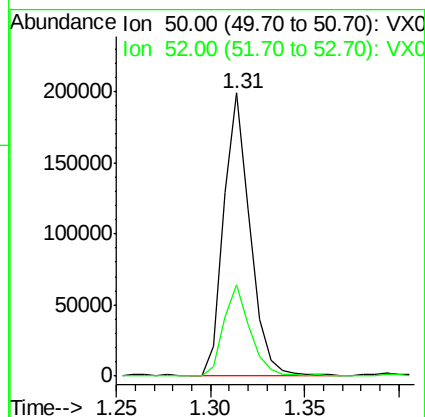
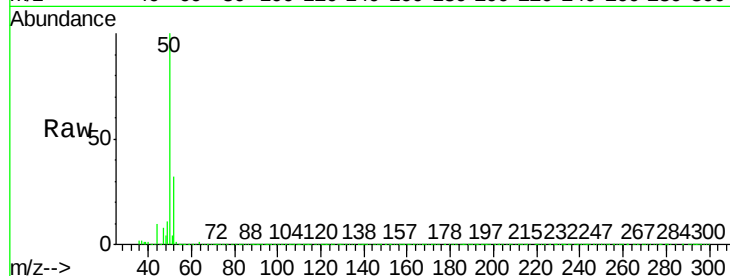
50 100

52 32.1 25.5 38.3

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#4

Vinyl Chloride

Concen: 18.946 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015555.D

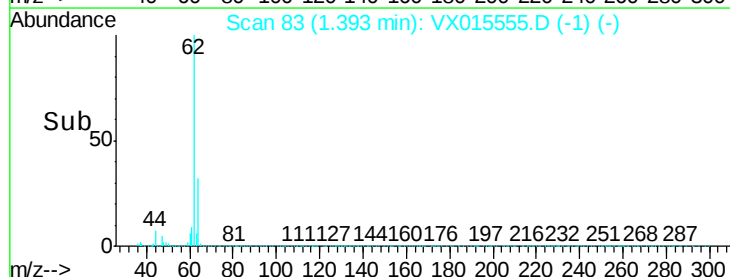
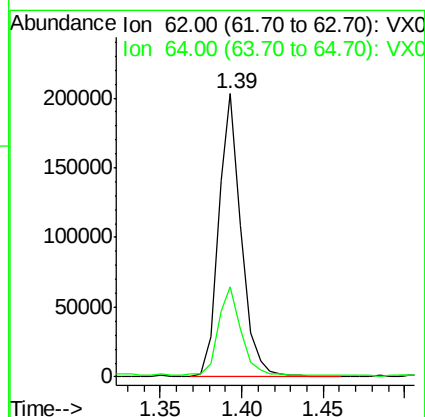
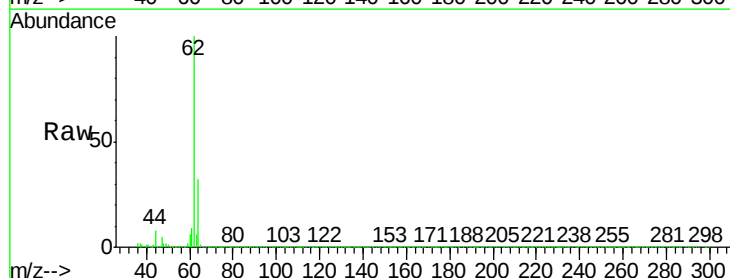
Acq: 07 Apr 2020 21:41

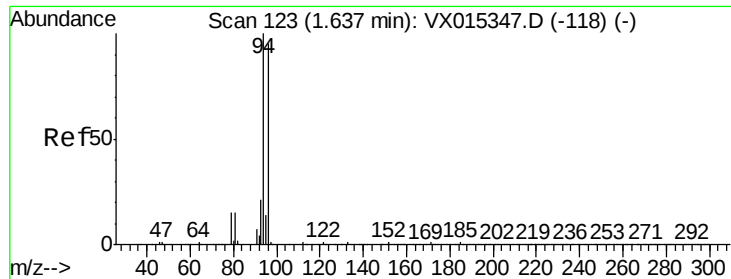
Tgt Ion: 62 Resp: 196612

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 22.402 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 123759

Ion Ratio Lower Upper

94 100

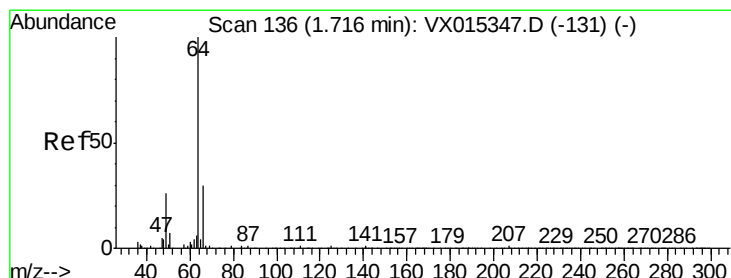
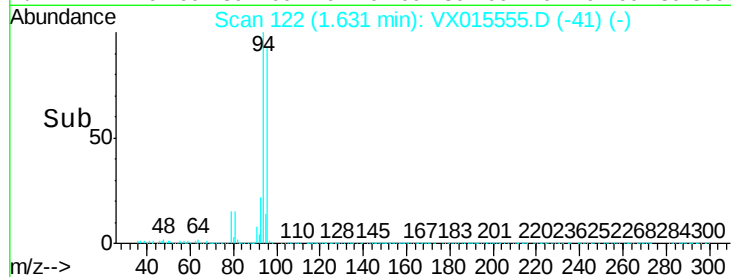
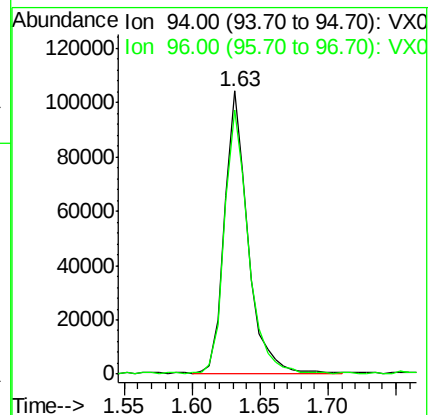
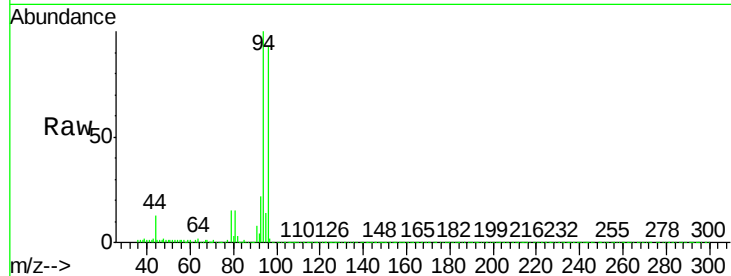
96 93.2 76.1 114.1

Manual Integrations

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#6

Chloroethane

Concen: 20.685 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX015555.D

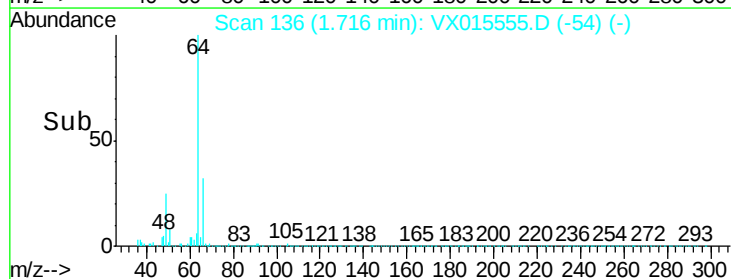
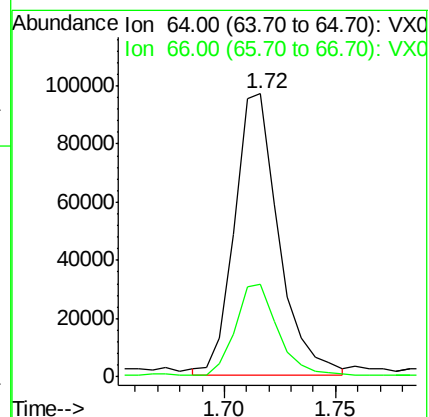
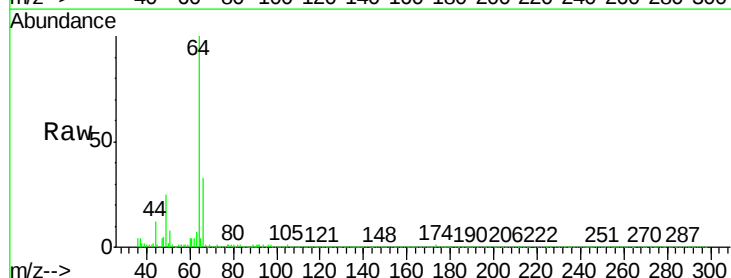
Acq: 07 Apr 2020 21:41

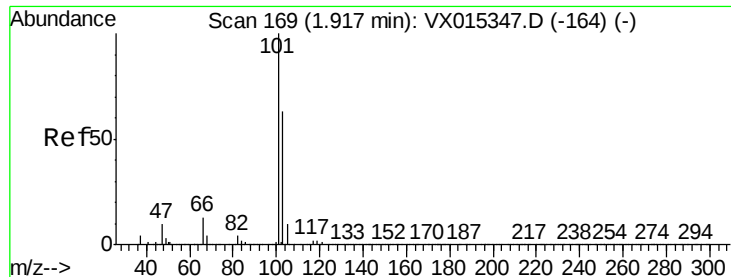
Tgt Ion: 64 Resp: 133924

Ion Ratio Lower Upper

64 100

66 33.3 24.3 36.5





#7

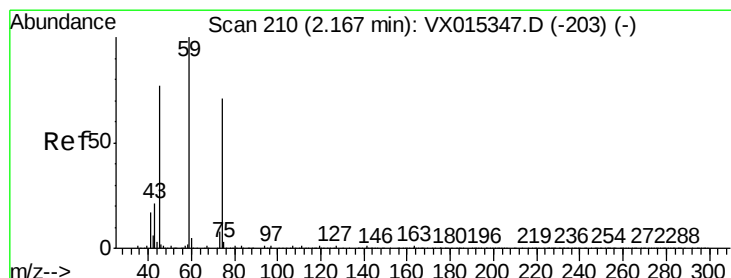
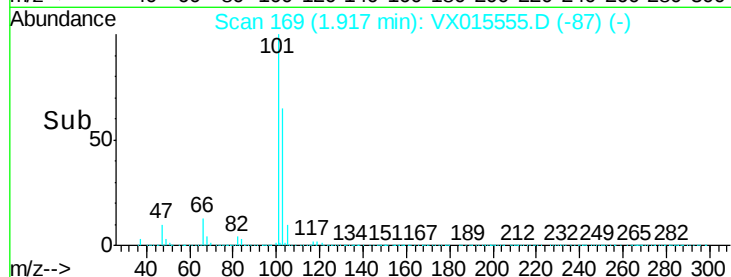
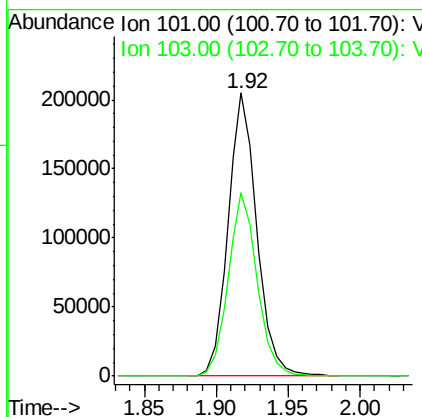
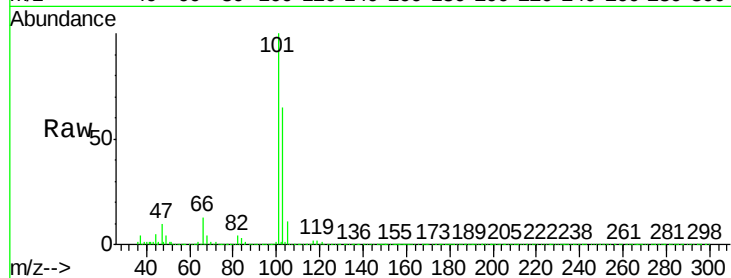
Trichlorofluoromethane
Concen: 19.175 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	284384		
103	65.1	49.9	74.9	

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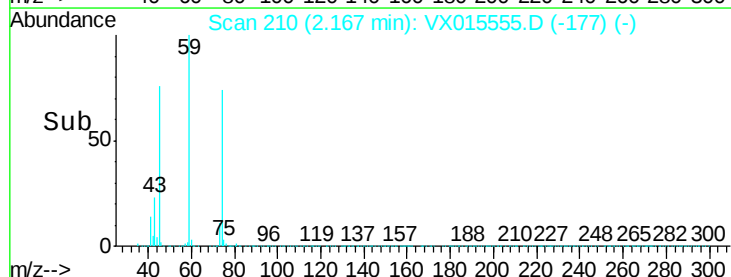
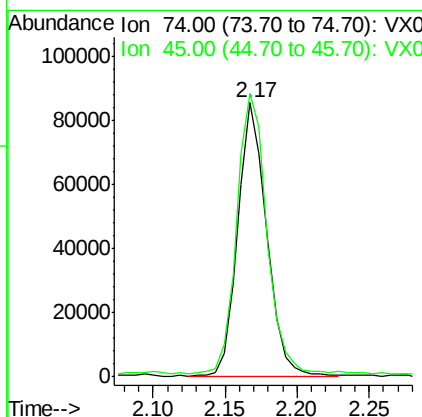
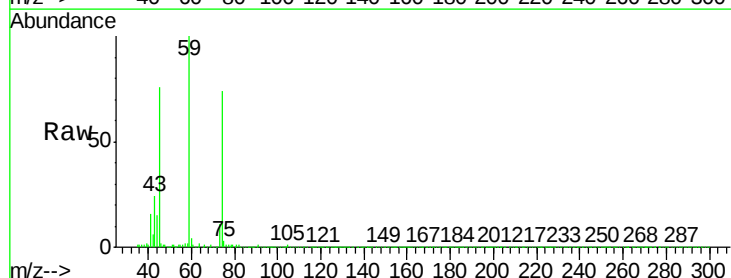
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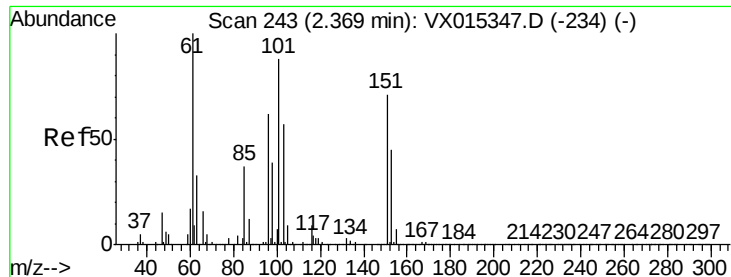


#8

Diethyl Ether
Concen: 21.058 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	120156		
45	104.7	21.8	196.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.926 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

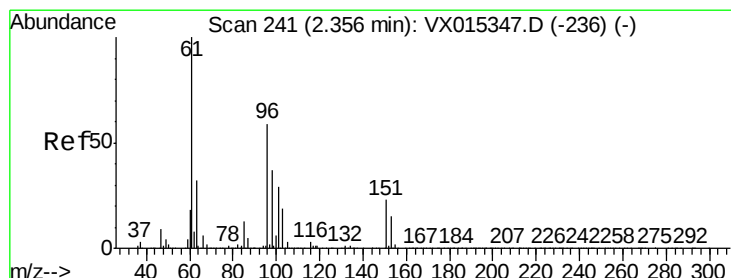
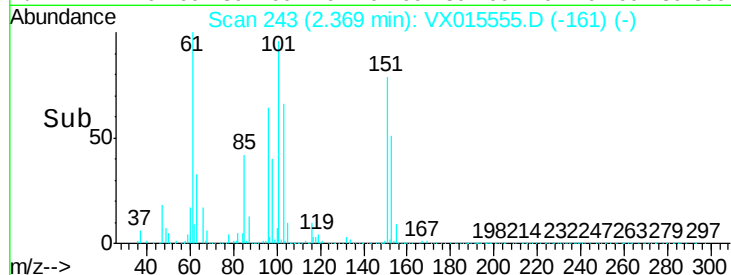
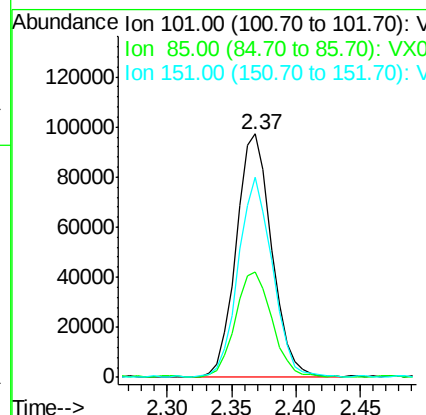
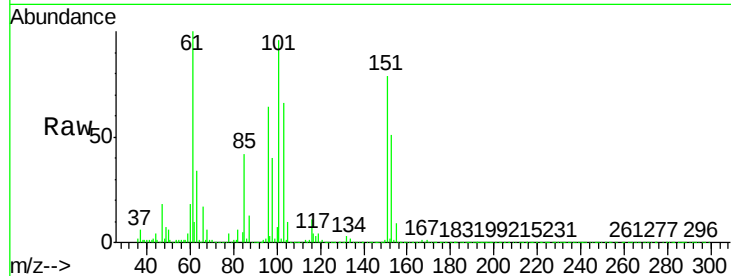
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	185706
Ion Ratio	Lower	Upper	
101	100		
85	45.1	0.0	85.8
151	79.2	0.0	164.6

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.066 ug/l

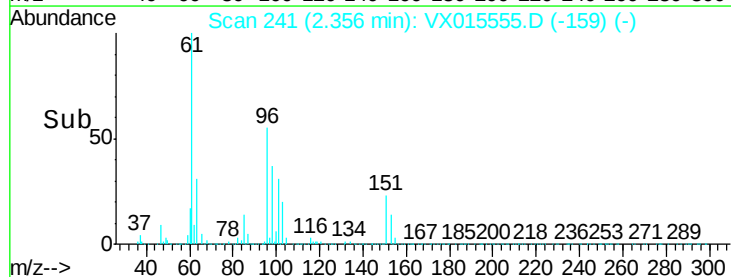
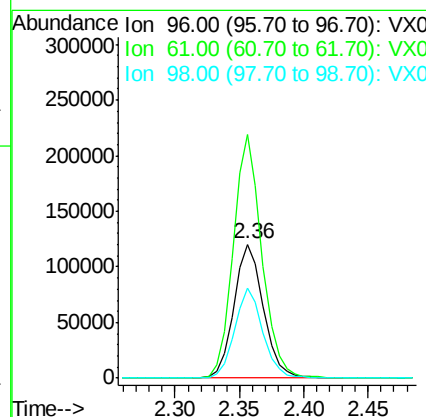
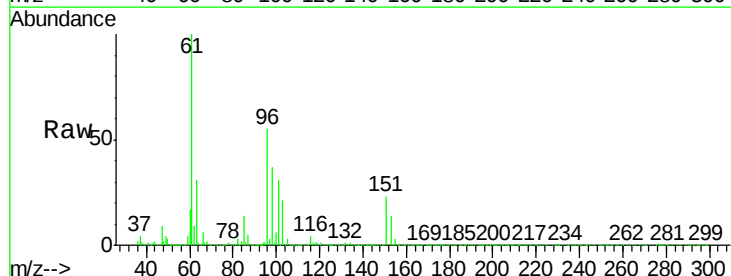
RT: 2.36 min Scan# 241

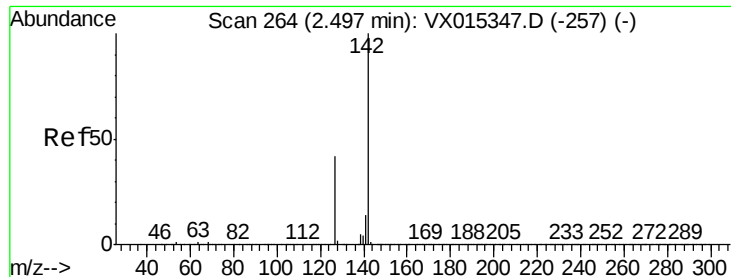
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	96	Resp:	190020
Ion Ratio	Lower	Upper	
96	100		
61	182.7	135.5	203.3
98	67.0	50.2	75.2





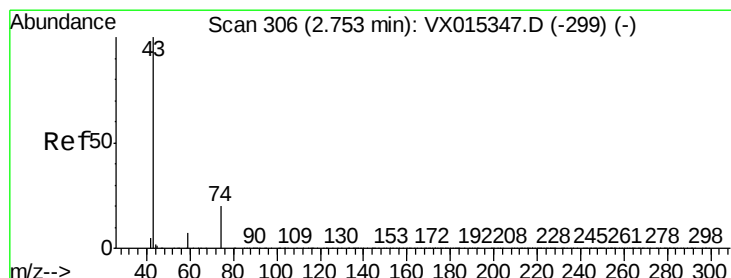
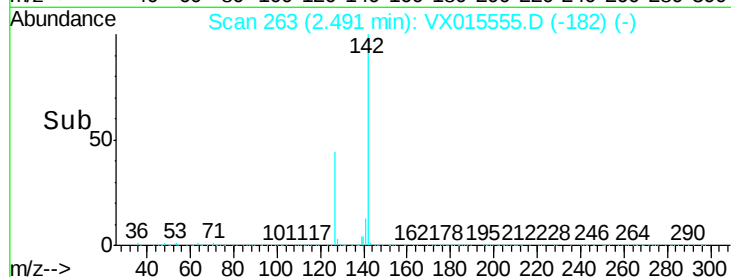
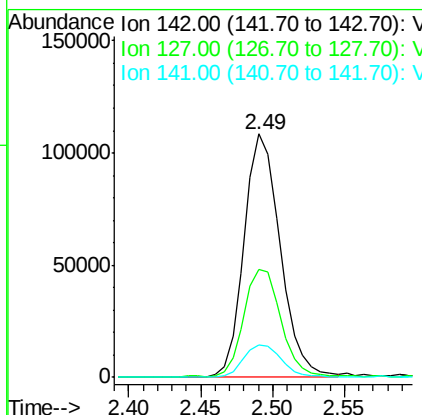
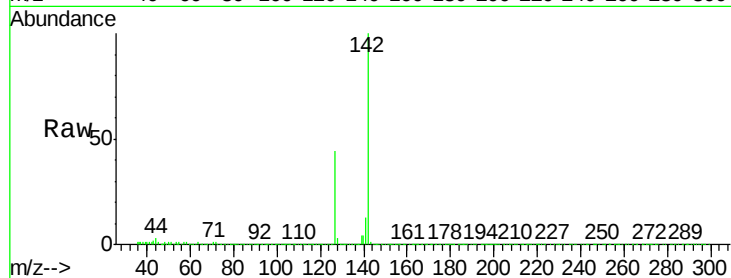
#11
Methyl Iodide
Concen: 14.163 ug/l
RT: 2.49 min Scan# 263
Delta R.T. -0.01 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion:	142	Resp:	187574
Ion Ratio	Lower	Upper	
142	100		
127	44.1	21.0	63.0
141	13.3	6.9	20.7

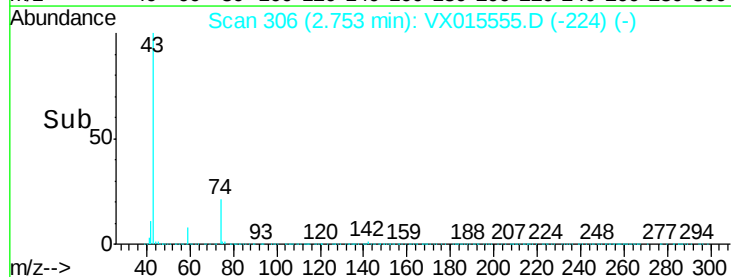
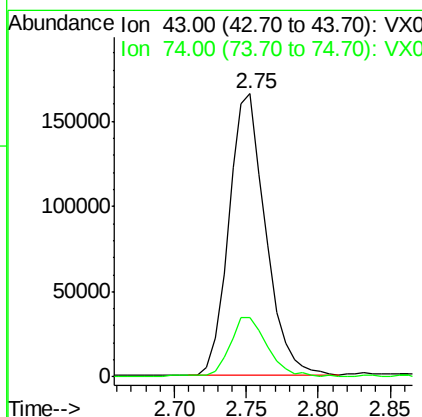
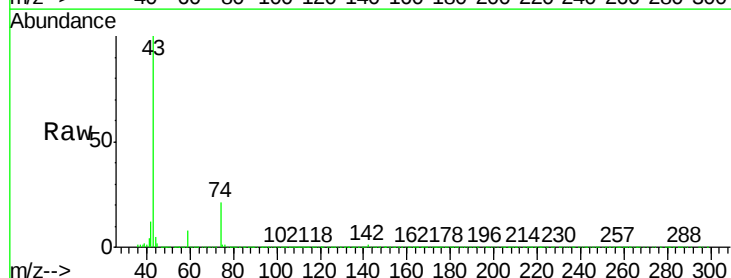
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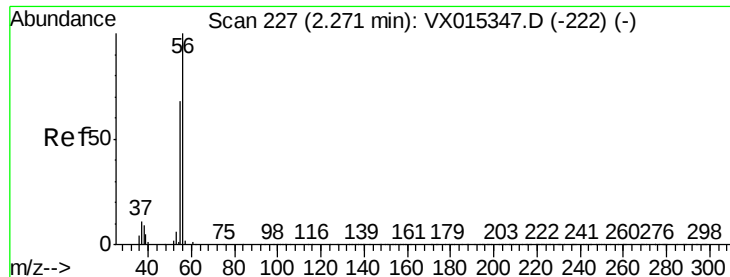
MMDadoda
4/8/2020 11:13:16 AM



#12
Methyl Acetate
Concen: 20.154 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion:	43	Resp:	293914
Ion Ratio	Lower	Upper	
43	100		
74	20.6	15.8	23.6





#13

Acrolein

Concen: 129.197 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 245105

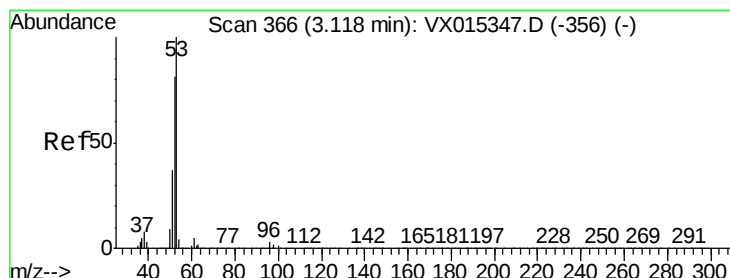
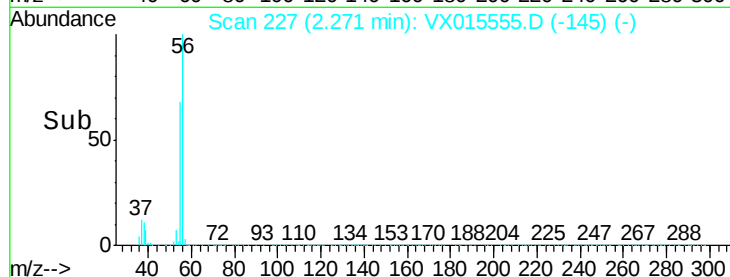
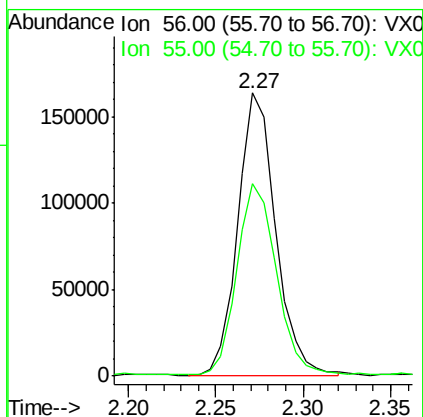
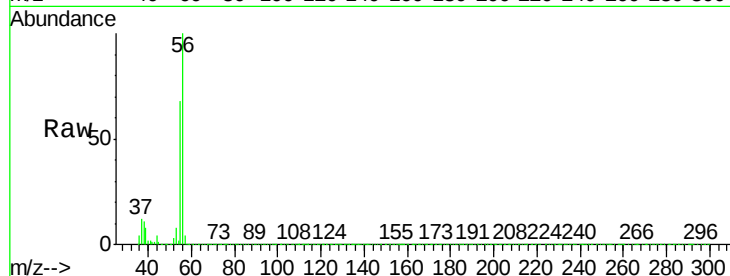
Ion Ratio Lower Upper

56 100

55 71.1 53.5 80.3

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#14

Acrylonitrile

Concen: 100.221 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

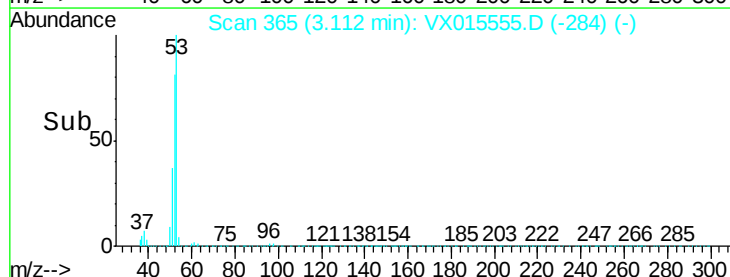
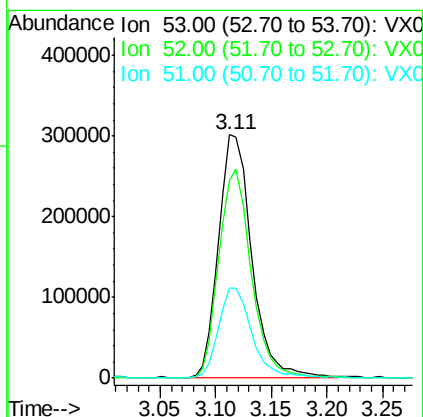
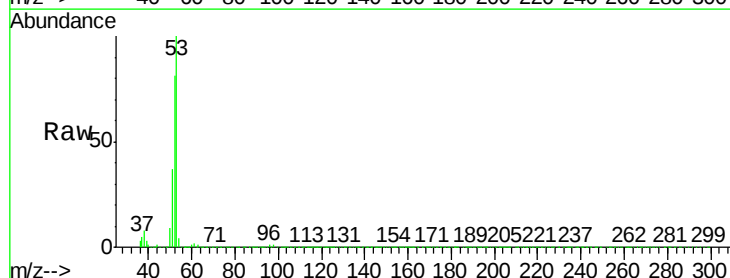
Tgt Ion: 53 Resp: 625720

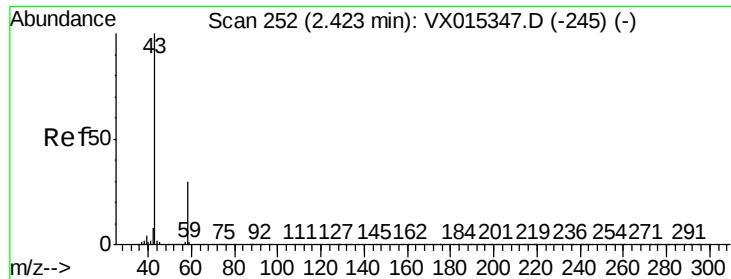
Ion Ratio Lower Upper

53 100

52 83.9 41.0 123.2

51 36.7 18.4 55.4





#15

Acetone

Concen: 100.484 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tot Ion: 58 Resp: 159525

Ion Ratio Lower Upper

58 100

43 358.7 267.8 401.8

Instrument :

MSVOA_X

ClientSampleId :

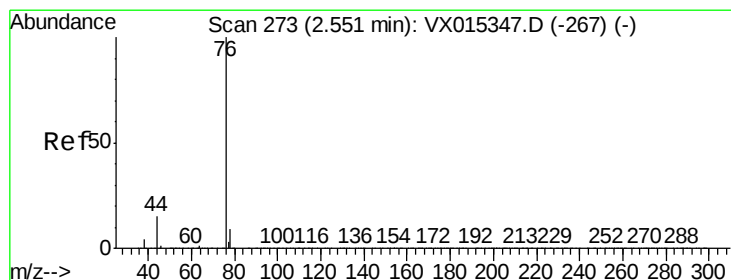
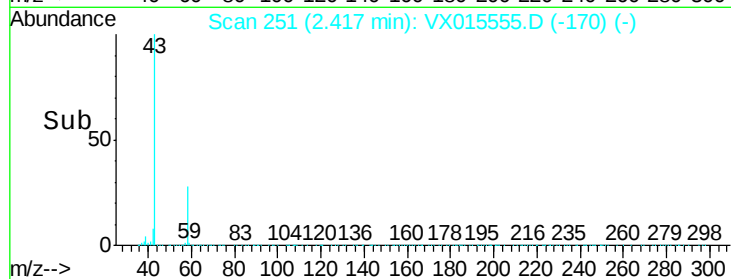
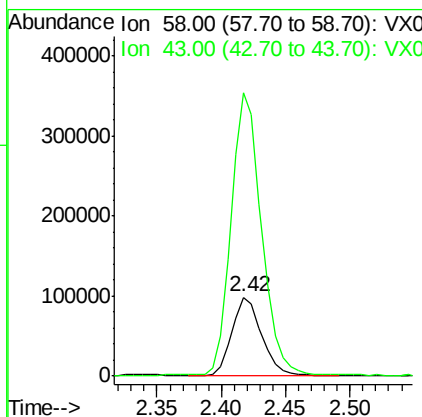
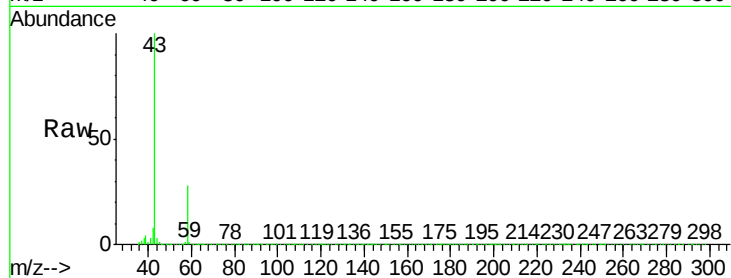
VSTDCCC020EC

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#16

Carbon Disulfide

Concen: 18.683 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015555.D

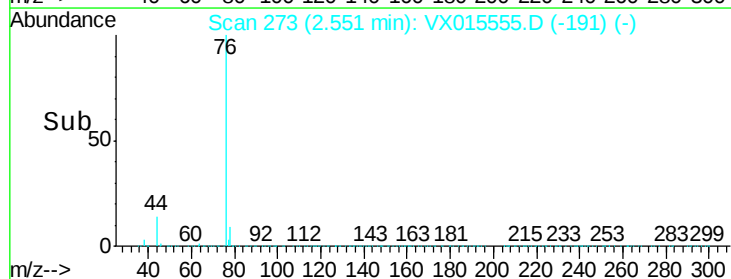
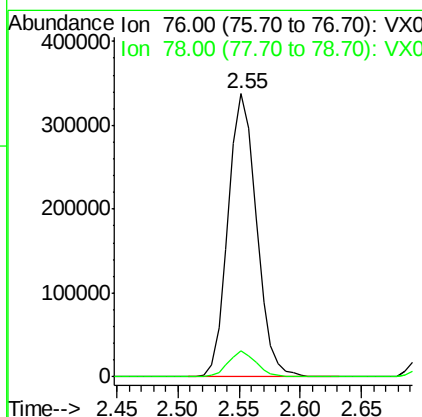
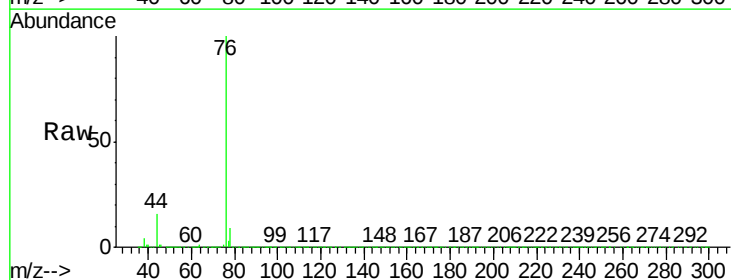
Acq: 07 Apr 2020 21:41

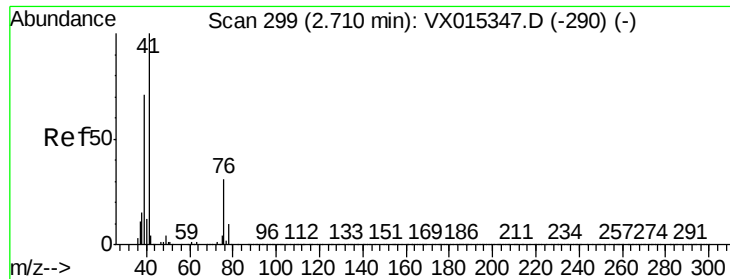
Tgt Ion: 76 Resp: 544333

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2





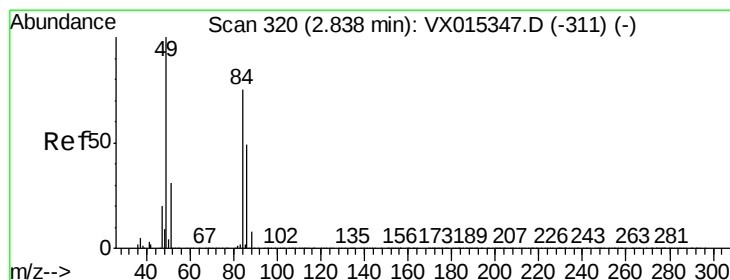
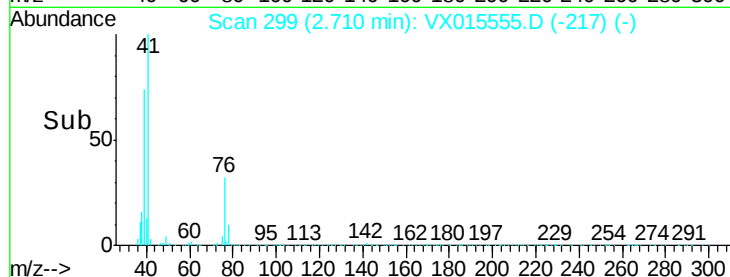
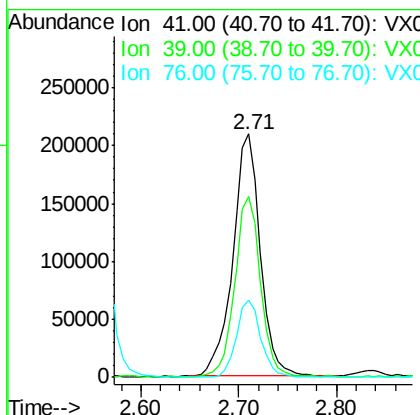
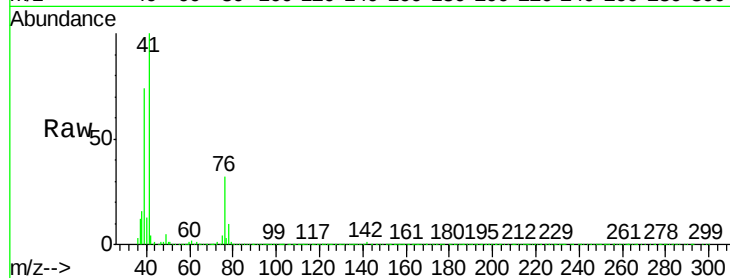
#17
Allvl chloride
Concen: 18.109 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.5	35.6	106.8
76	31.6	15.4	46.4

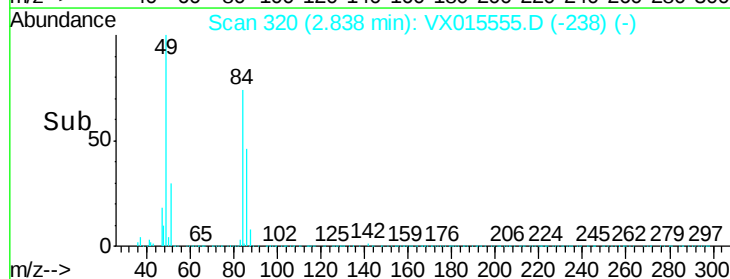
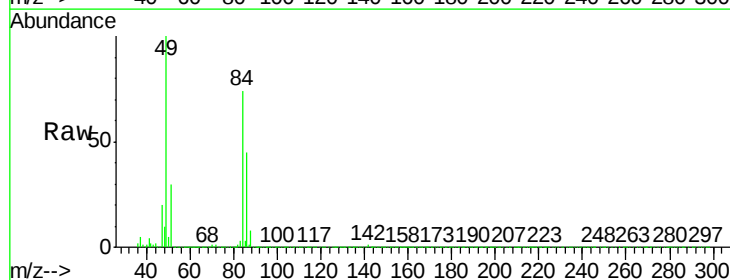
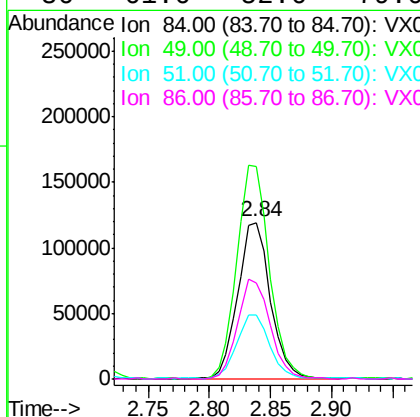
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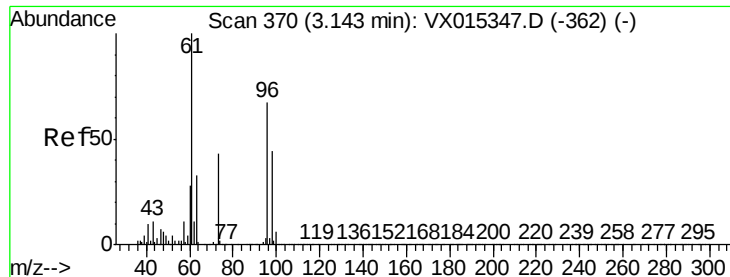
MMDadoda
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#18
Methylene Chloride
Concen: 19.672 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.9	107.0	160.4
51	40.4	33.4	50.0
86	61.6	52.6	79.0





#19

trans-1,2-Dichloroethene

Concen: 19.646 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

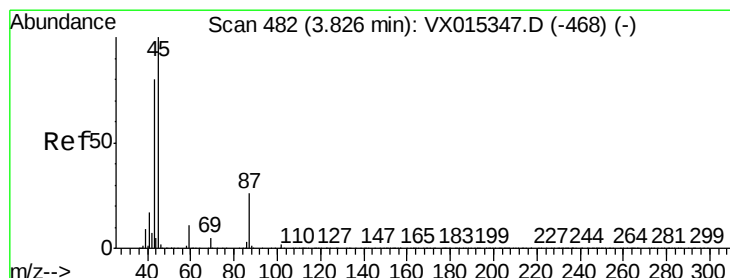
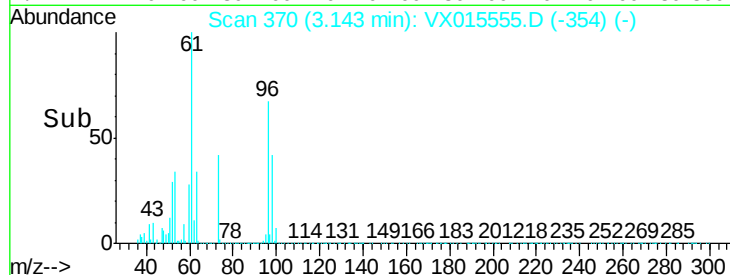
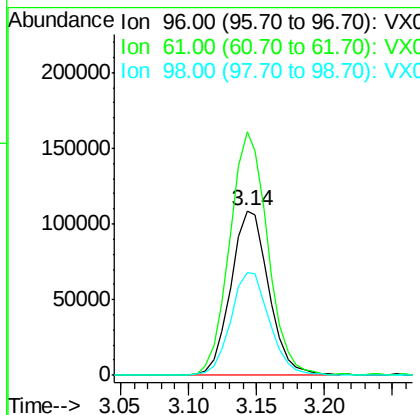
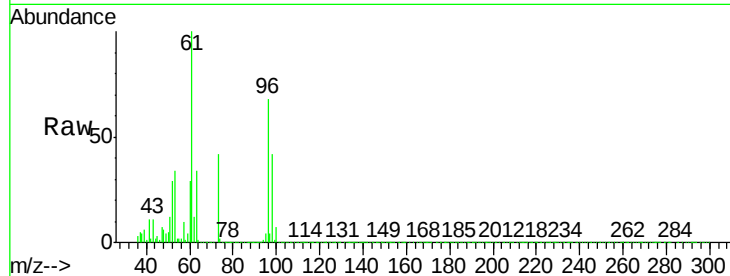
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	211808
Ion	Ratio	Lower	Upper
96	100		
61	148.1	118.2	177.2
98	62.1	51.9	77.9

Manual Integrations
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#20

Diisopropyl ether

Concen: 19.724 ug/l

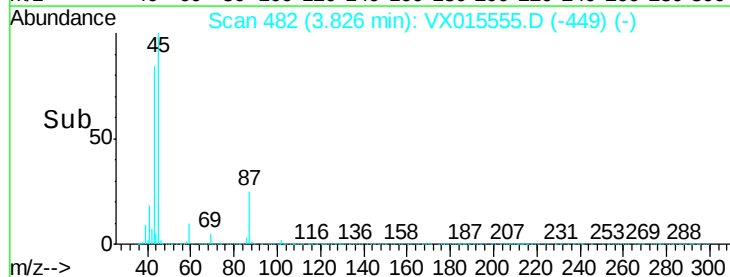
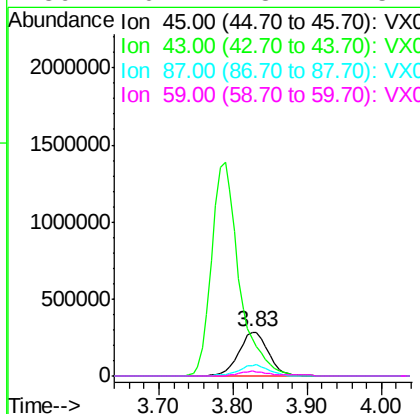
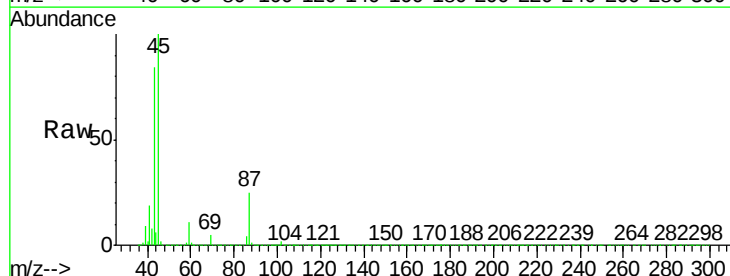
RT: 3.83 min Scan# 482

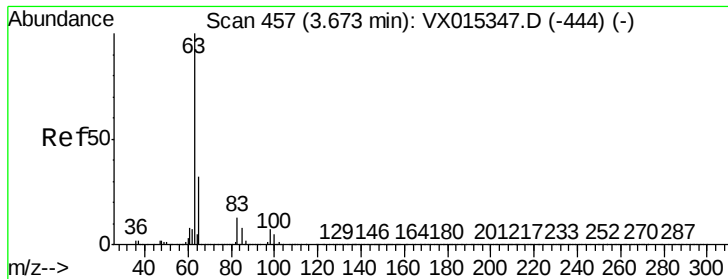
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	45	Resp:	796015
Ion	Ratio	Lower	Upper
45	100		
43	83.5	64.4	96.6
87	24.6	20.4	30.6
59	10.4	8.7	13.1





#21

1,1-Dichloroethane

Concen: 19.745 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

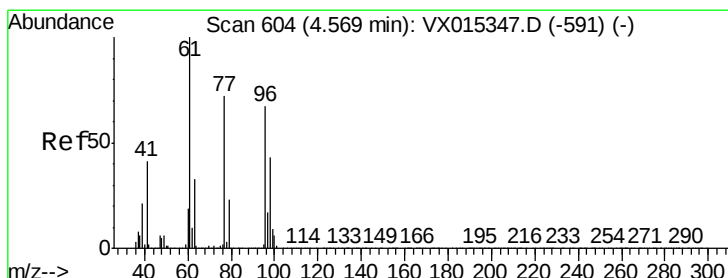
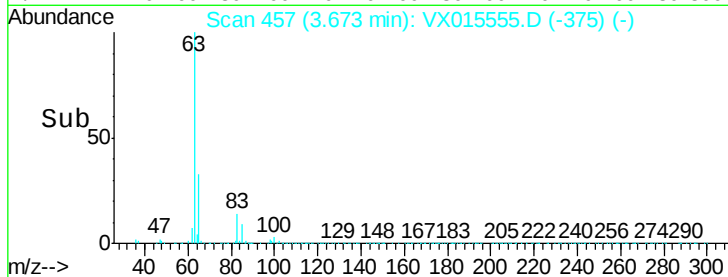
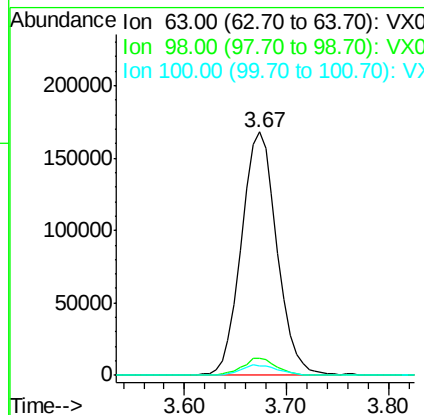
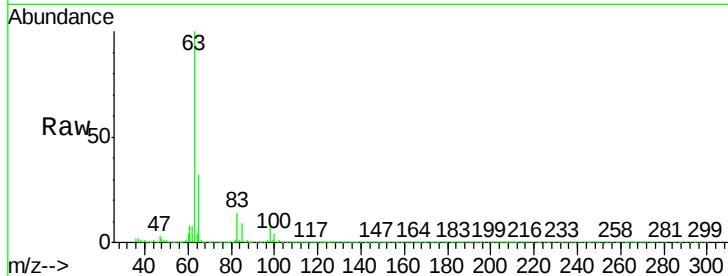
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	406750
Ion Ratio		Lower	Upper
63	100		
98	6.8	3.3	9.9
100	3.9	2.3	6.8

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#22

cis-1,2-Dichloroethene

Concen: 19.362 ug/l

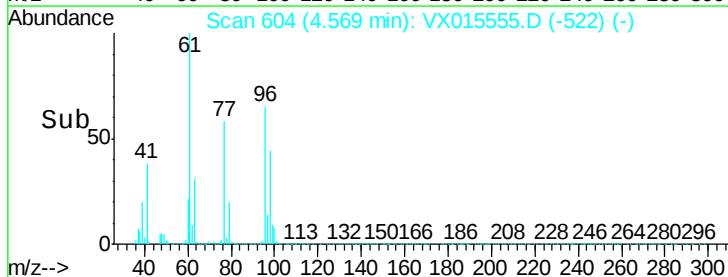
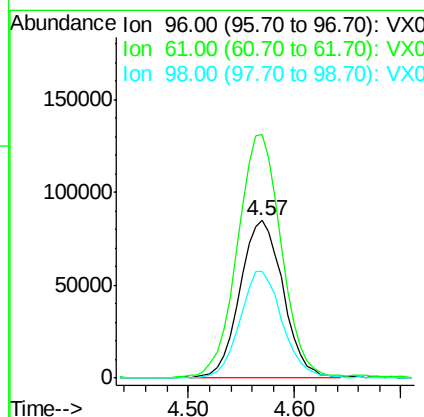
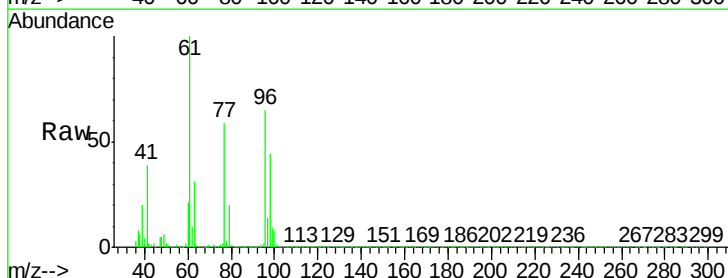
RT: 4.57 min Scan# 604

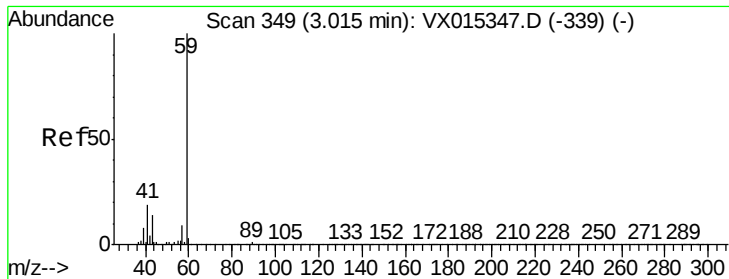
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	96	Resp:	240472
Ion Ratio		Lower	Upper
96	100		
61	157.5	127.2	190.8
98	66.0	51.8	77.6





#23

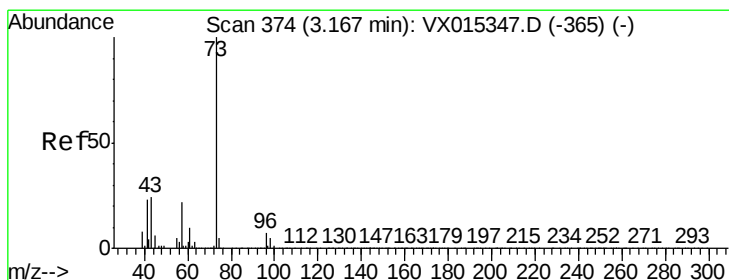
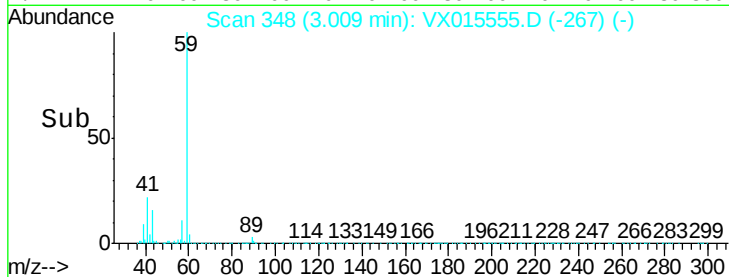
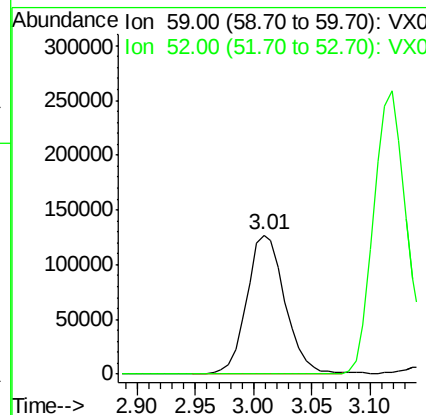
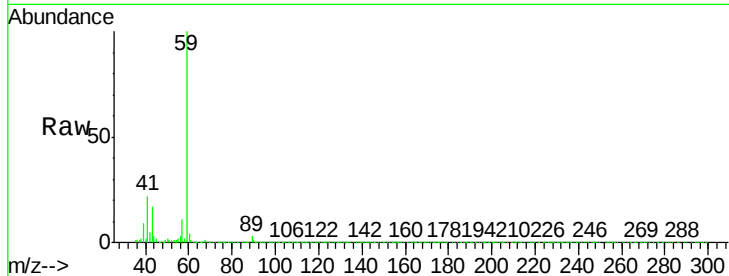
tert-Butyl Alcohol
 Concen: 94.462 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.01 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.2	0.2#

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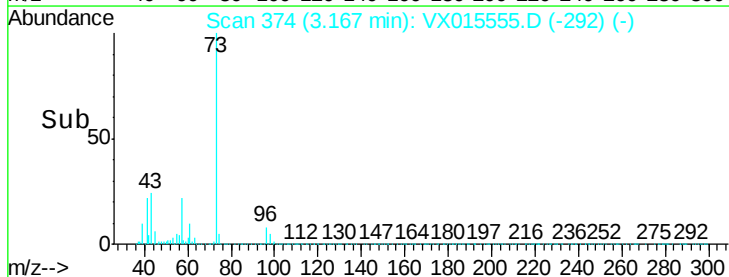
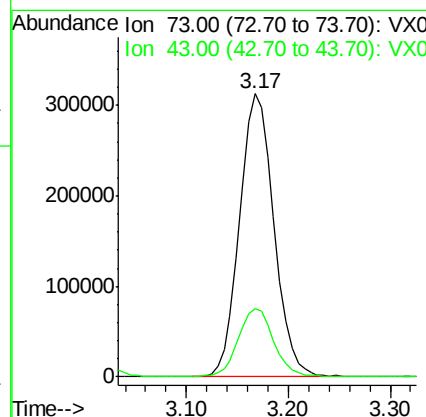
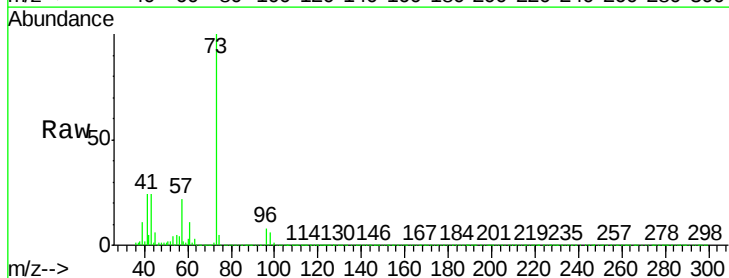
MMDadoda
 4/8/2020 11:13:16 AM

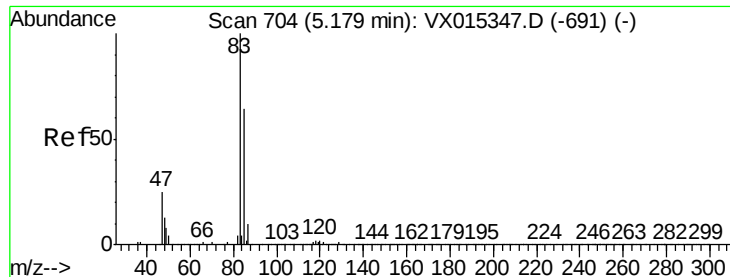


#24

Methyl tert-Butyl Ether
 Concen: 19.694 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
73	100		
43	24.5	19.2	28.8





#25

Chloroform

Concen: 19.857 ug/l

RT: 5.18 min Scan# 704

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 404343

Ion Ratio Lower Upper

83 100

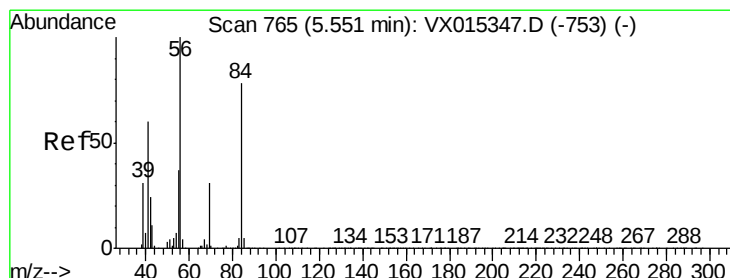
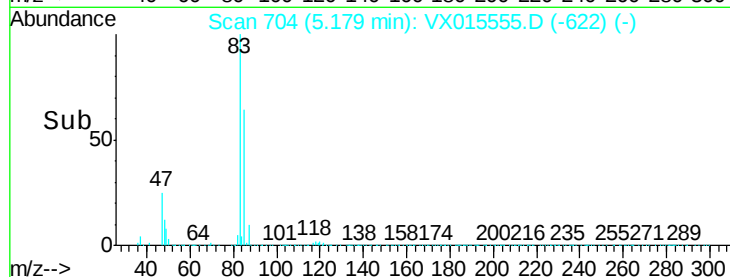
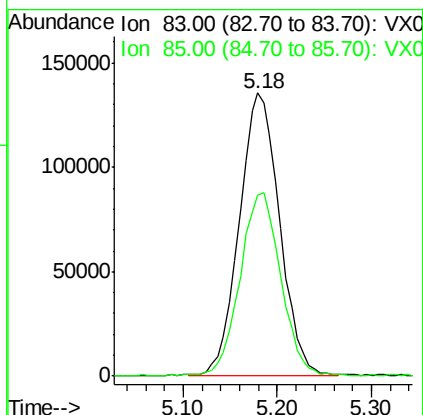
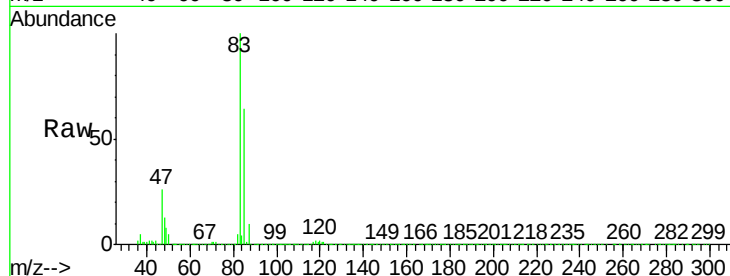
85 63.9 50.5 75.7

Manual Integrations

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#26

Cyclohexane

Concen: 18.509 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

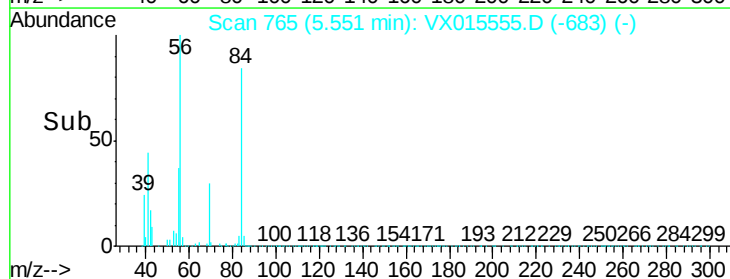
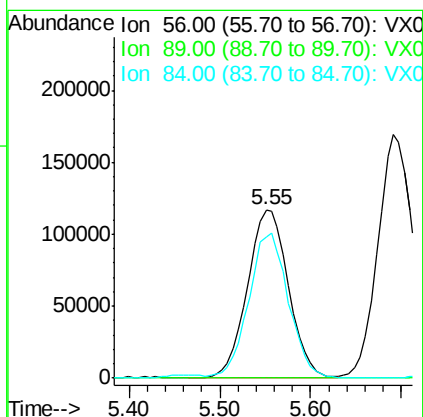
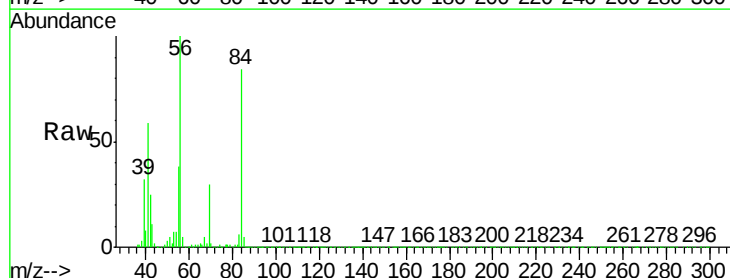
Tgt Ion: 56 Resp: 364302

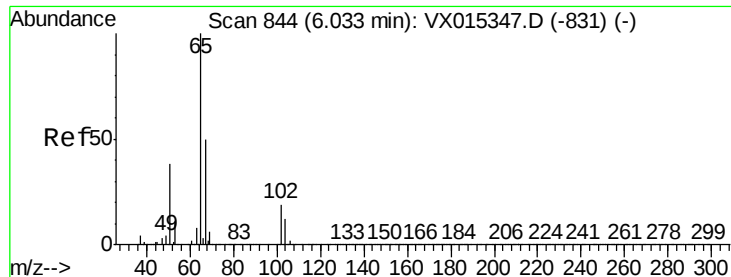
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 83.2 66.1 99.1





#27

1,2-Dichloroethane-d4

Concen: 31.964 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 457171

Ion Ratio Lower Upper

65 100

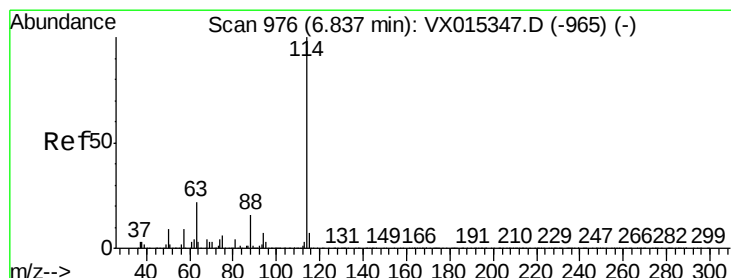
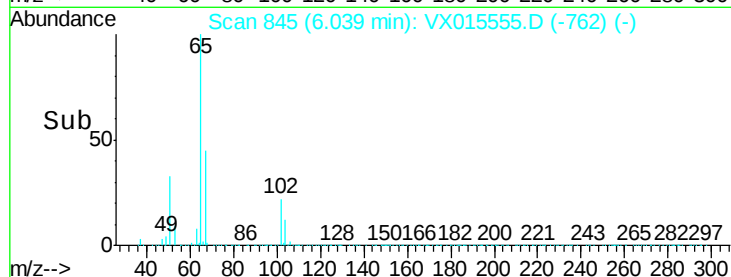
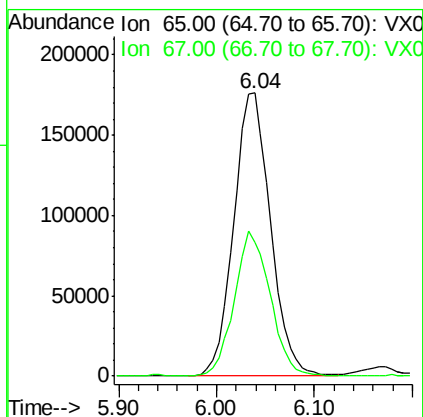
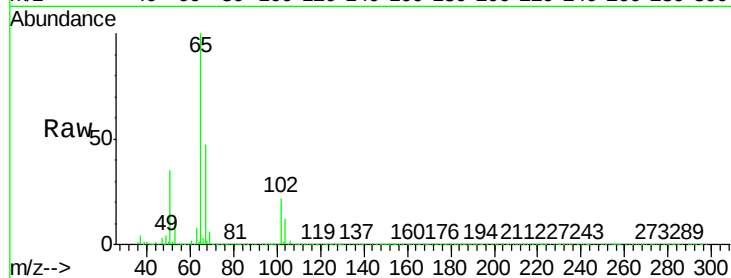
67 49.5 40.9 61.3

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

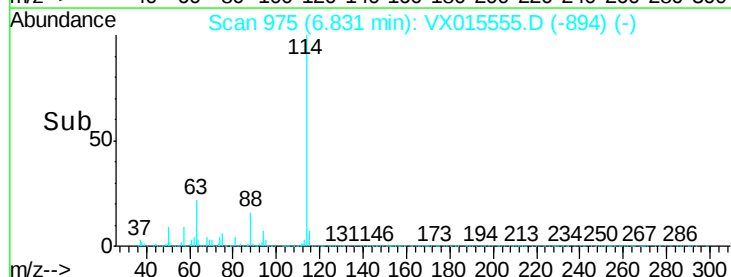
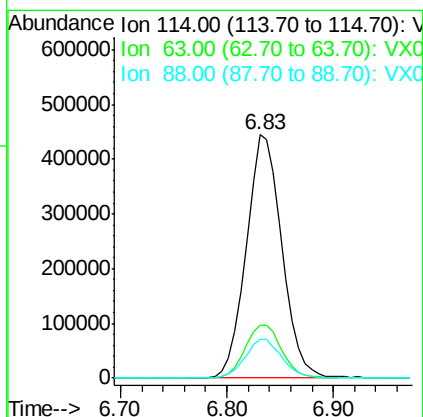
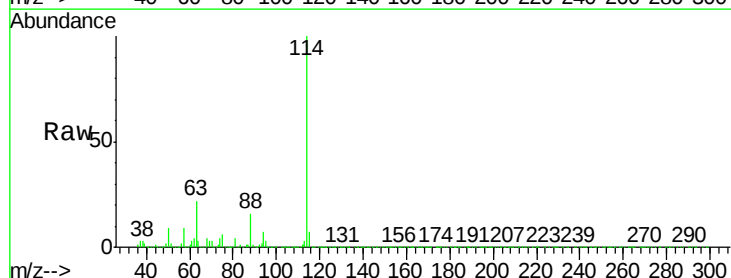
Tgt Ion: 114 Resp: 1041061

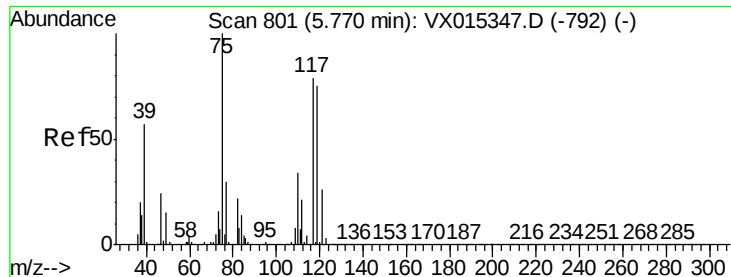
Ion Ratio Lower Upper

114 100

63 22.4 17.4 26.2

88 16.5 12.9 19.3





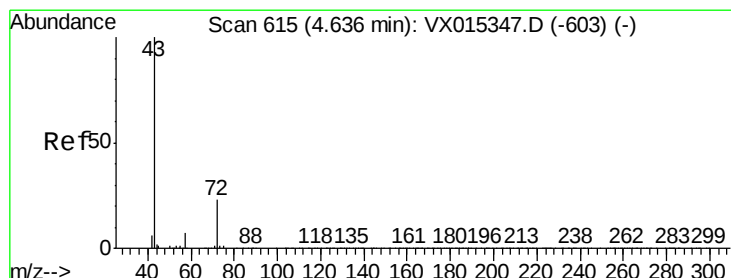
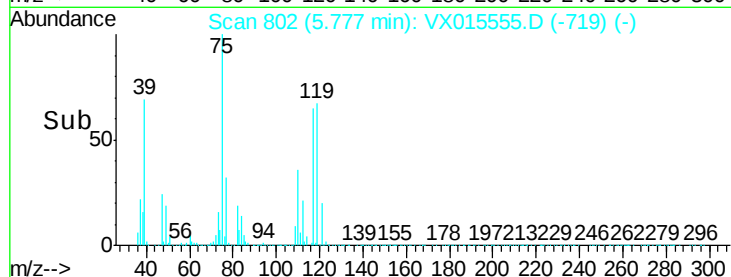
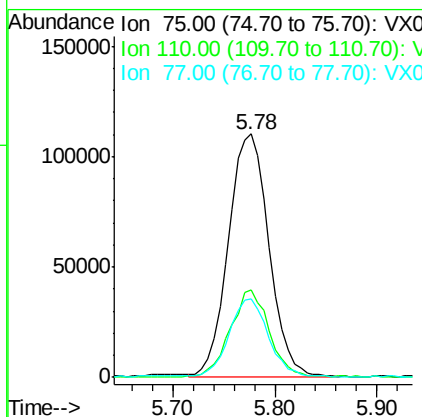
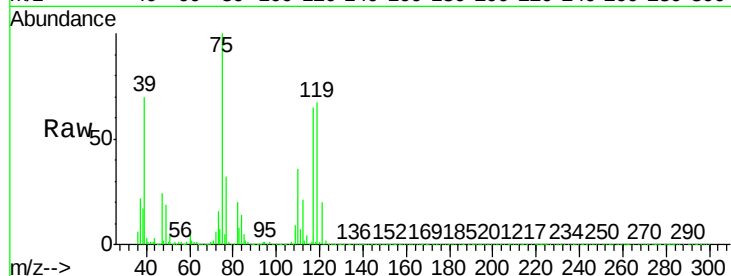
#29
 1,1-Dichloropropene
 Concen: 19.341 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.01 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC020EC

Tot Ion:	75	Resp:	302517
Ion Ratio	Lower	Upper	
75	100		
110	34.6	0.0	71.2
77	31.0	0.0	62.2

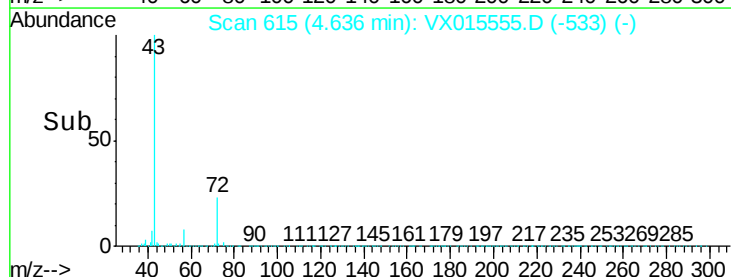
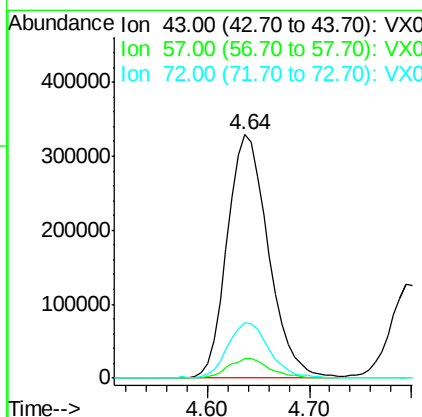
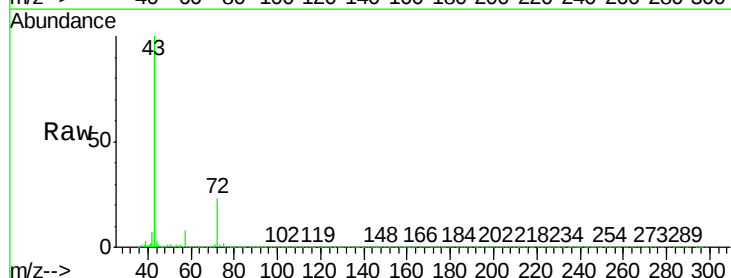
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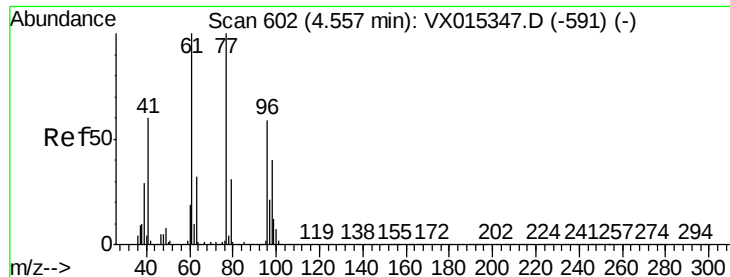
MMDadoda
 4/8/2020 11:13:16 AM



#30
 2-Butanone
 Concen: 97.632 ug/l
 RT: 4.64 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Tgt Ion:	43	Resp:	915415
Ion Ratio	Lower	Upper	
43	100		
57	7.9	5.9	8.9
72	22.4	18.6	27.8





#31

2,2-Dichloropropane

Concen: 16.740 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 315069

Ion Ratio Lower Upper

77 100

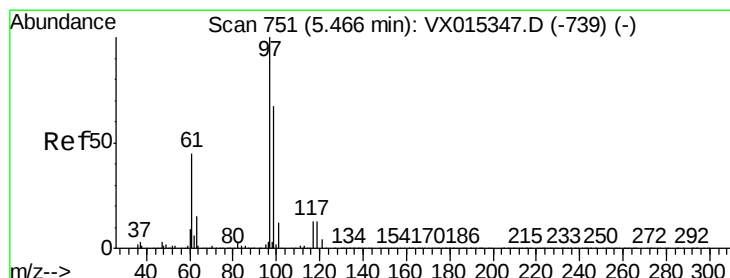
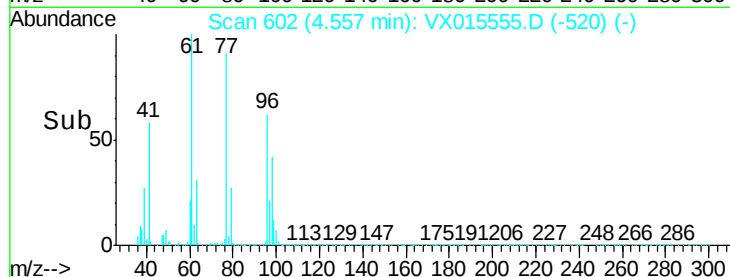
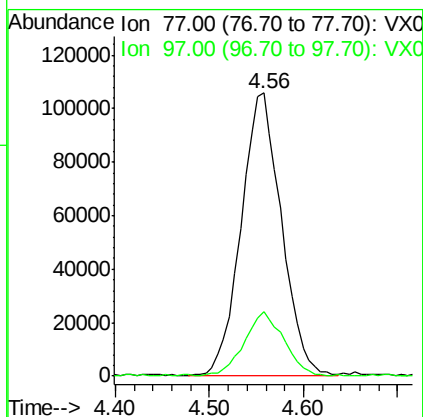
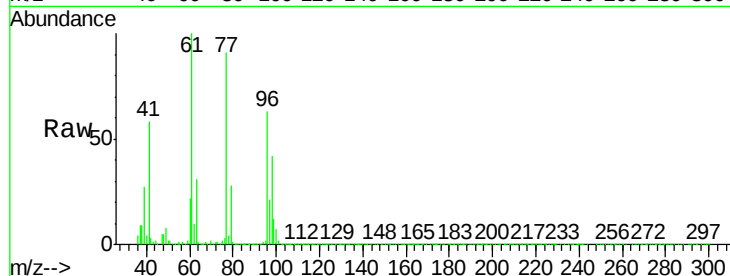
97 22.6 17.8 26.8

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#32

1,1,1-Trichloroethane

Concen: 19.088 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

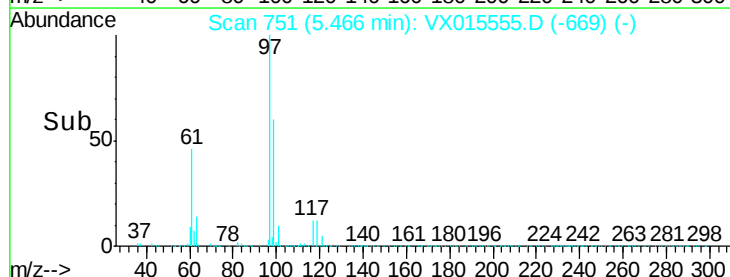
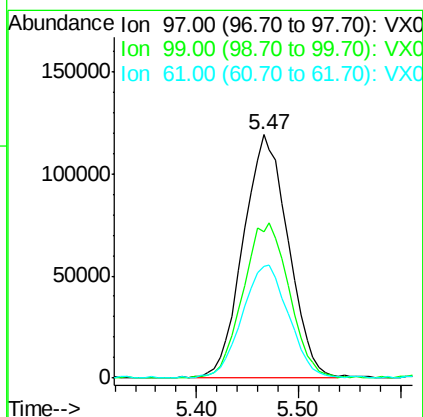
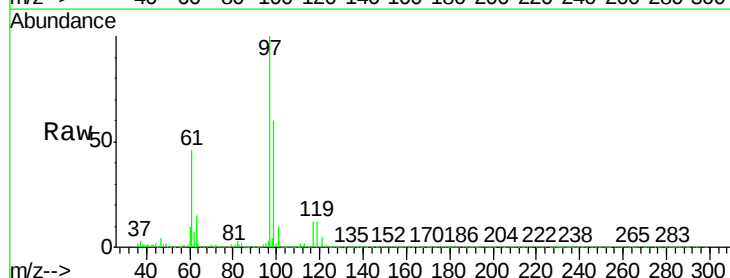
Tgt Ion: 97 Resp: 364253

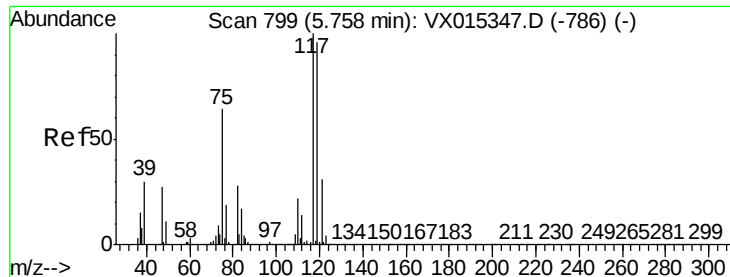
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.4

61 47.7 35.8 53.8





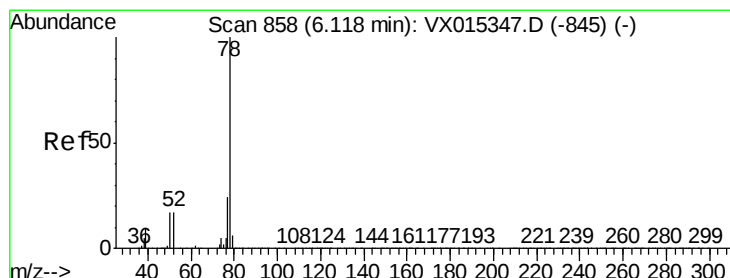
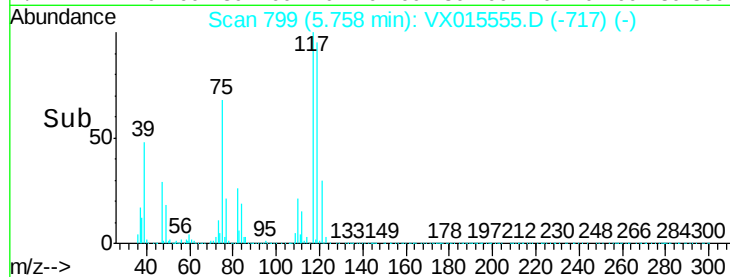
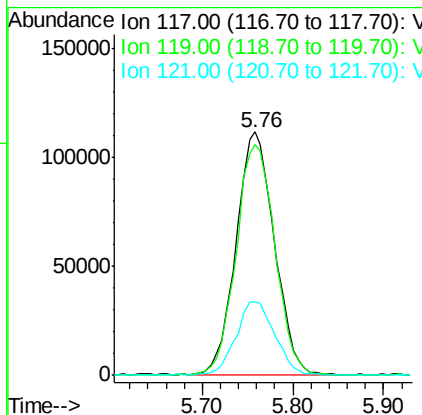
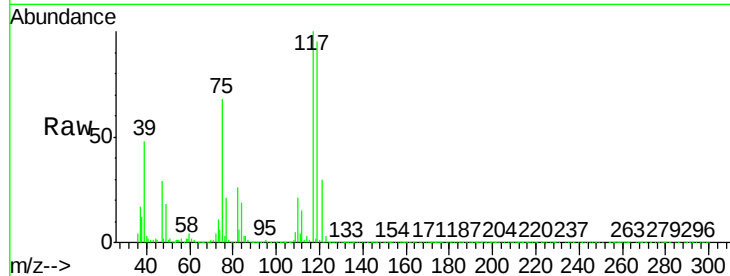
#33
Carbon Tetrachloride
Concen: 18.768 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	117	Resp:	326389
Ion Ratio	Lower	Upper	
117	100		
119	95.2	76.6	114.8
121	30.2	25.0	37.4

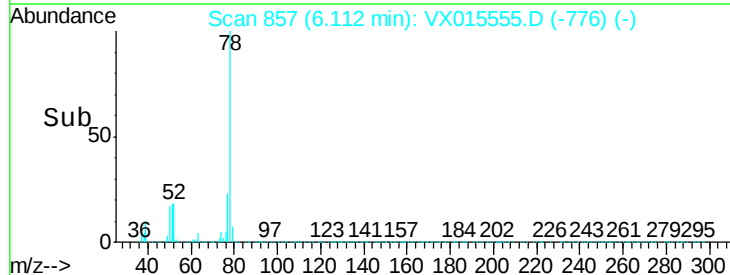
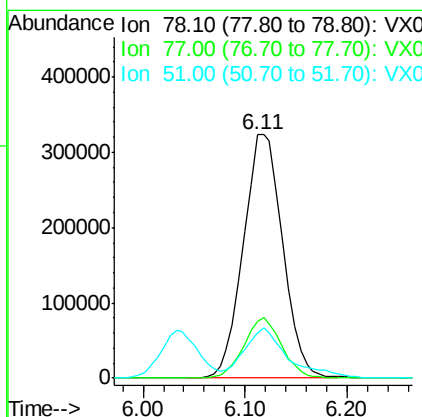
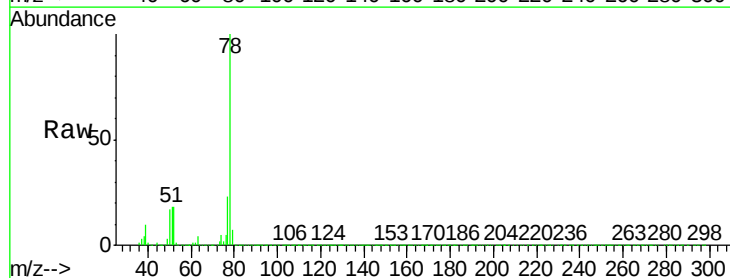
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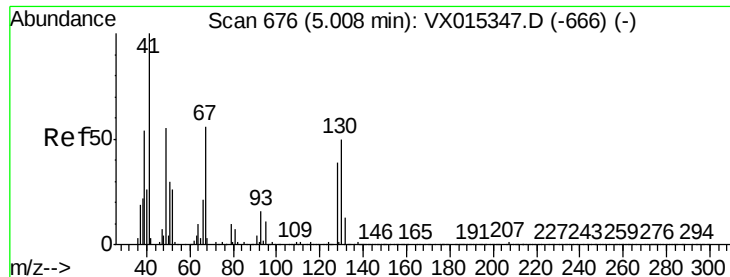
MMDadoda
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#34
Benzene
Concen: 19.199 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion:	78	Resp:	865456
Ion Ratio	Lower	Upper	
78	100		
77	23.2	19.4	29.2
51	16.9	14.6	21.8





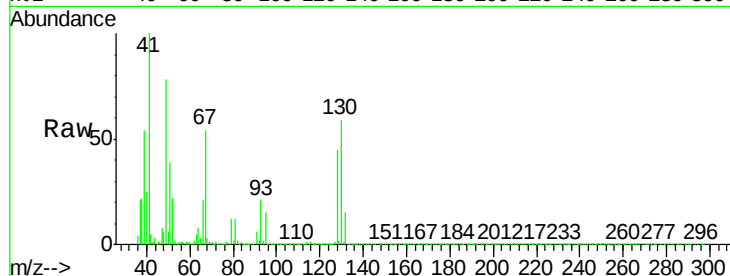
#35
Methacrylonitrile
Concen: 19.408 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

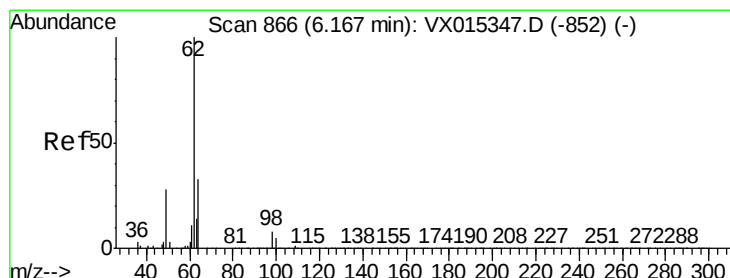
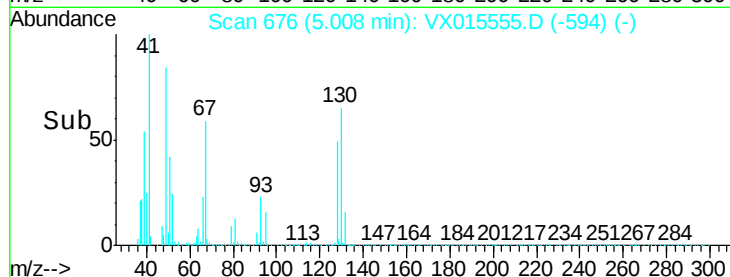
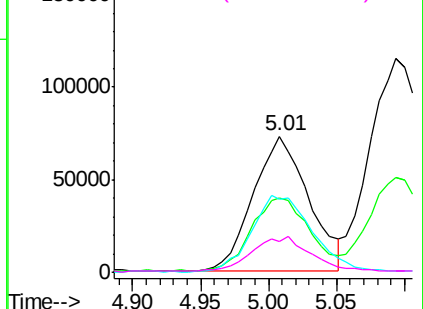
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		206358		
39	53.9	27.0	81.0		
67	54.3	28.2	84.6		
52	21.9	12.8	38.3		

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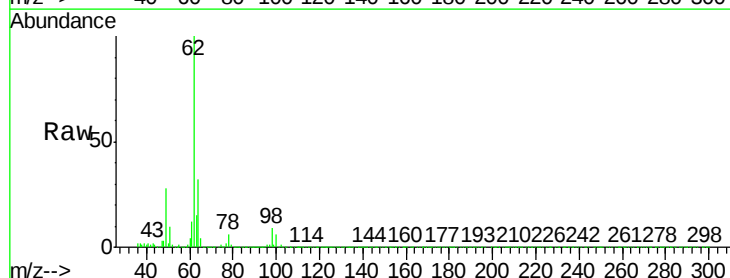


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

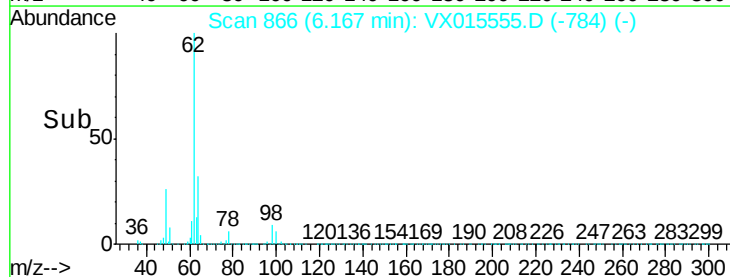
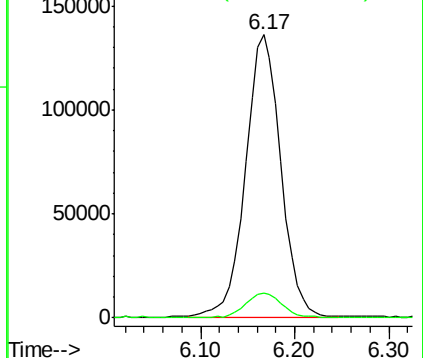


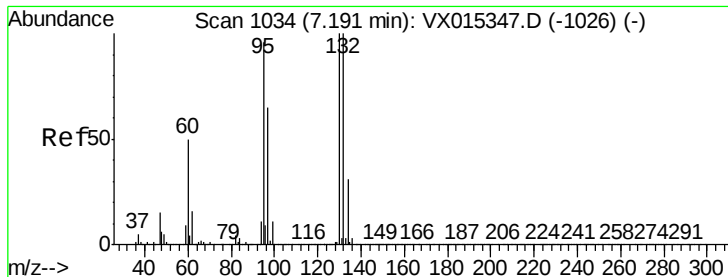
#36
1,2-Dichloroethane
Concen: 20.328 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		354103		
98	8.9	6.9	10.3		



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 19.148 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 243051

Ion Ratio Lower Upper

130 100

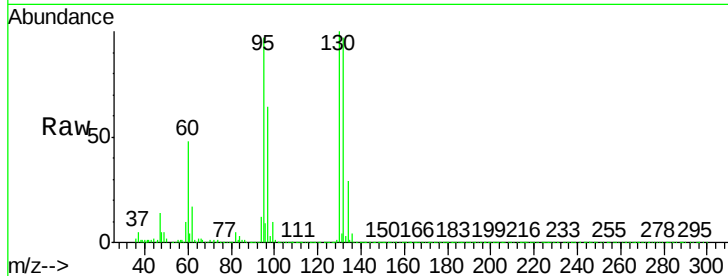
95 96.6 76.4 114.6

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

120000

100000

80000

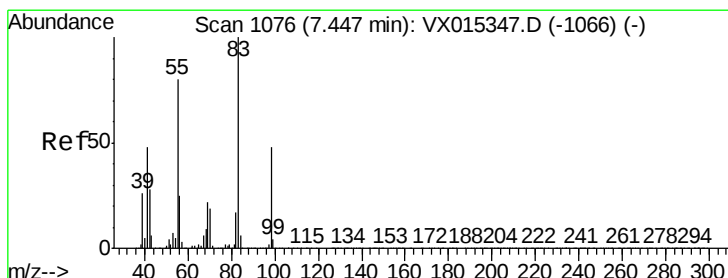
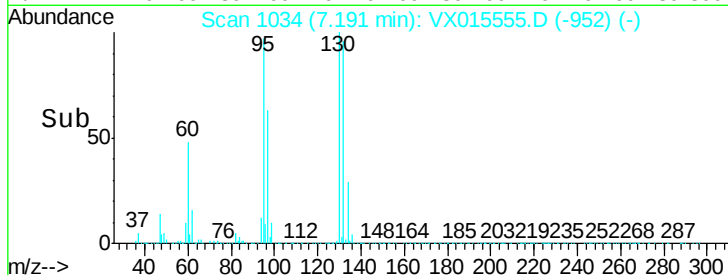
60000

40000

20000

0

Time-->



#38

Methylcyclohexane

Concen: 17.880 ug/l

RT: 7.45 min Scan# 1076

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

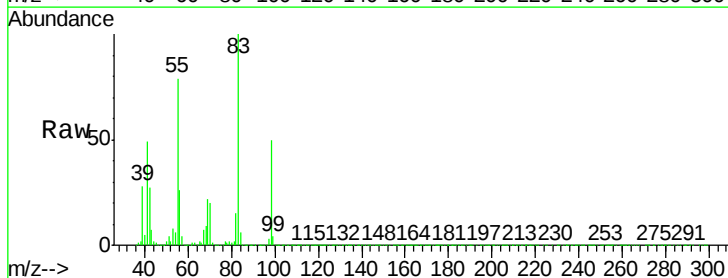
Tgt Ion: 83 Resp: 342841

Ion Ratio Lower Upper

83 100

55 84.1 41.3 124.1

98 50.0 24.0 72.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

200000

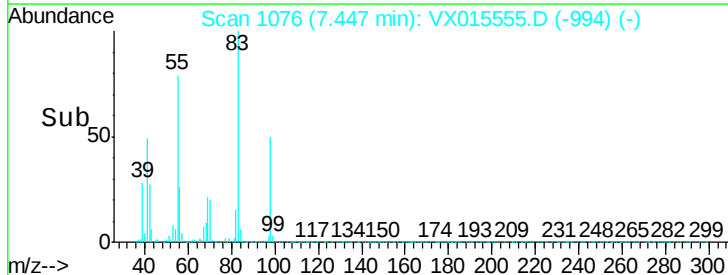
150000

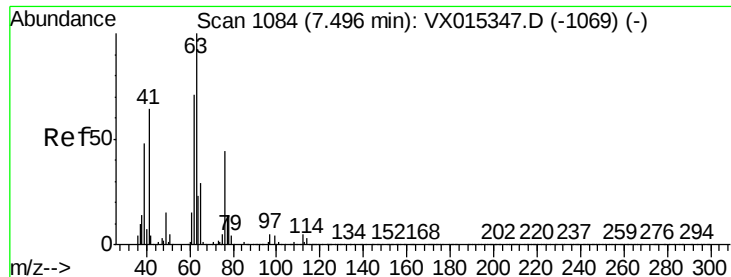
100000

50000

0

Time-->





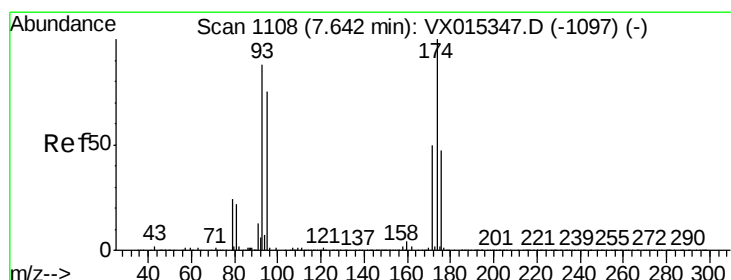
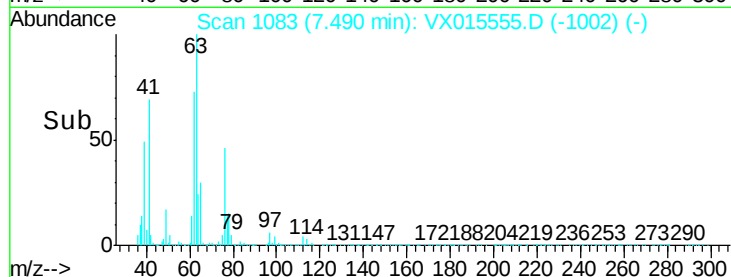
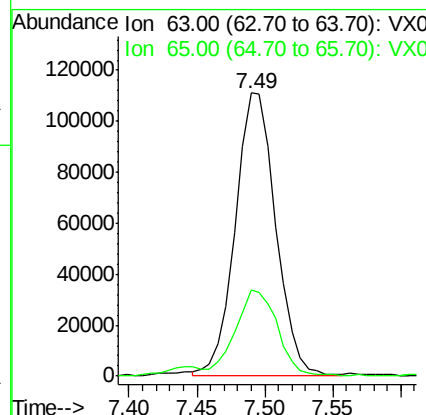
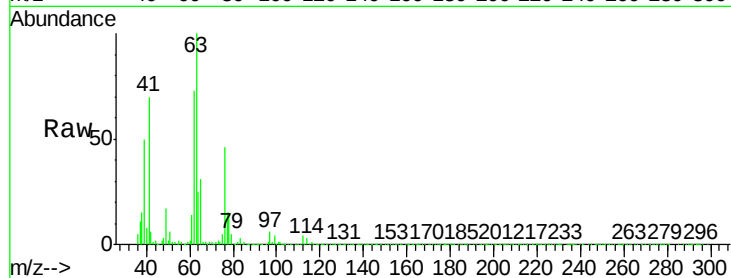
#39
 1,2-Dichloropropane
 Concen: 18.981 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	23.0	34.4

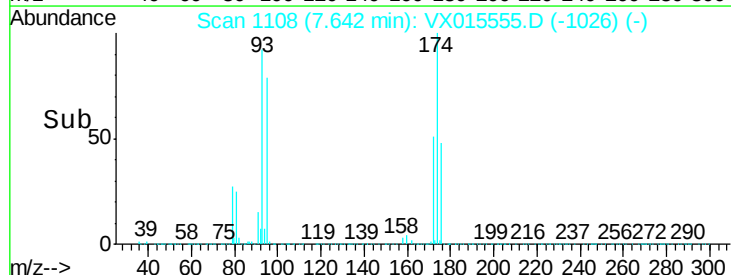
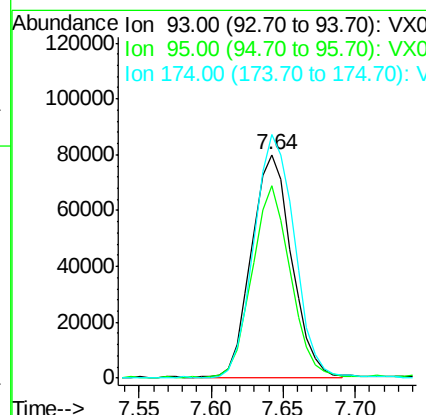
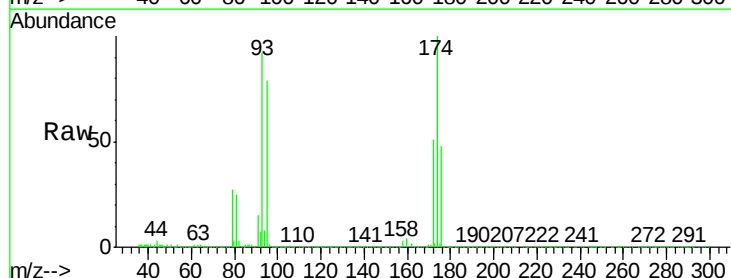
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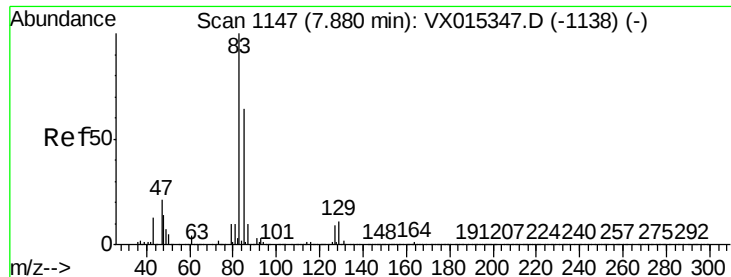
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#40
 Dibromomethane
 Concen: 19.049 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	0.0	166.4
174	110.9	0.0	225.4





#41

Bromodichloromethane

Concen: 19.001 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

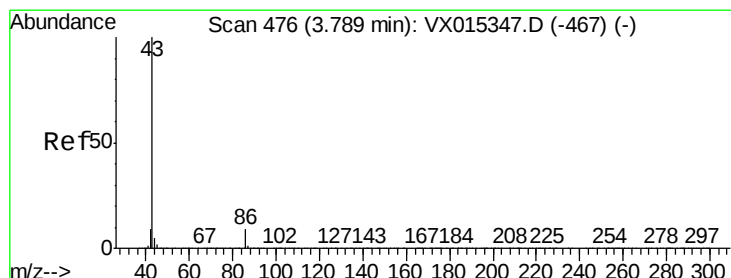
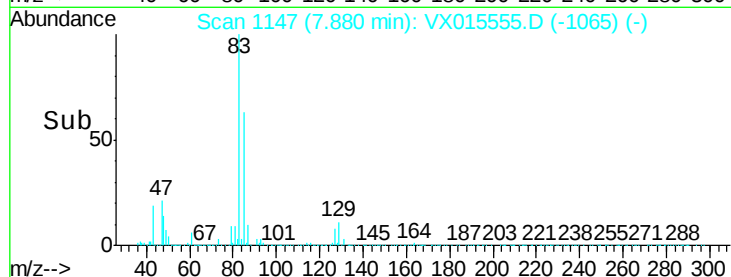
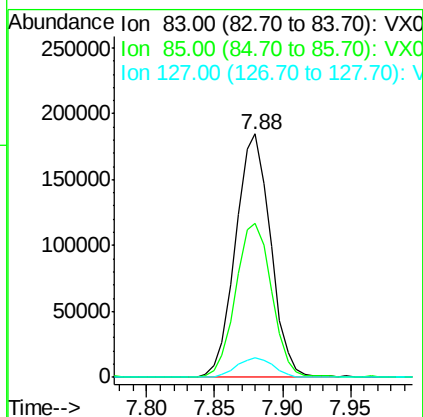
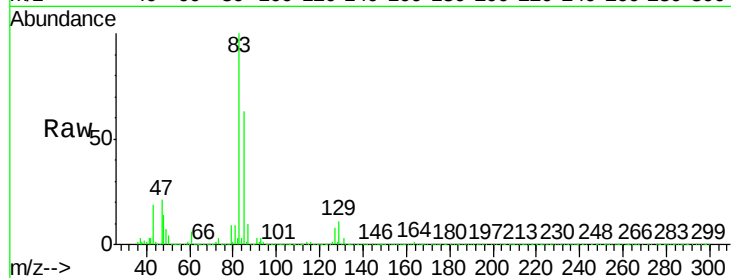
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	332812
Ion Ratio	Lower	Upper	
83	100		
85	63.2	51.6	77.4
127	8.2	7.0	10.4

Manual Integrations
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#42

Vinyl Acetate

Concen: 99.927 ug/l

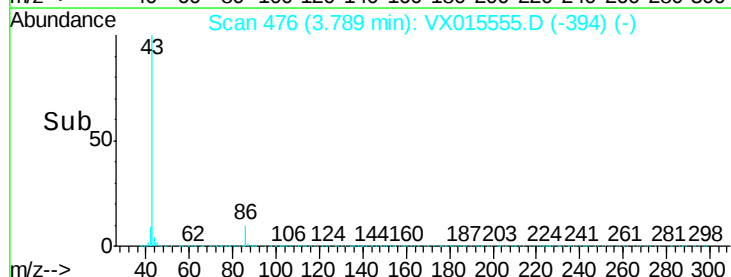
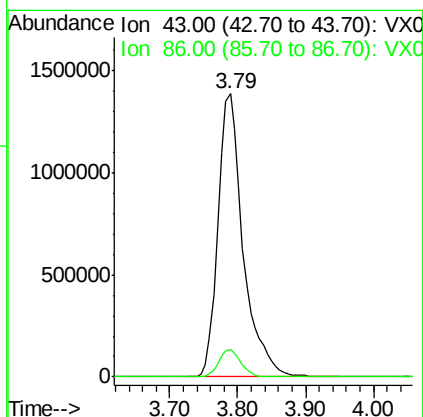
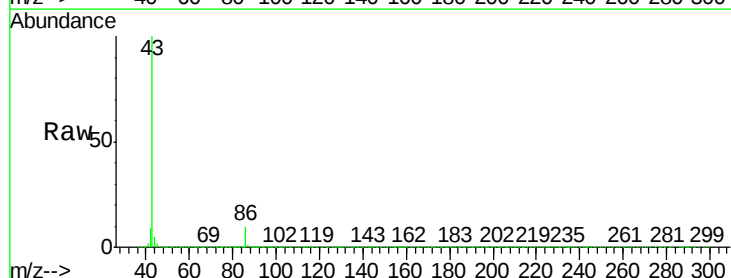
RT: 3.79 min Scan# 476

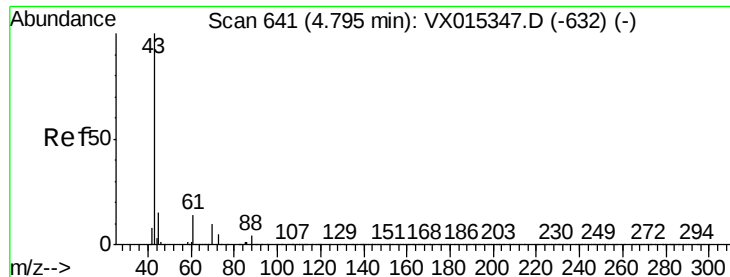
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	43	Resp:	3550049
Ion Ratio	Lower	Upper	
43	100		
86	8.5	6.9	10.3





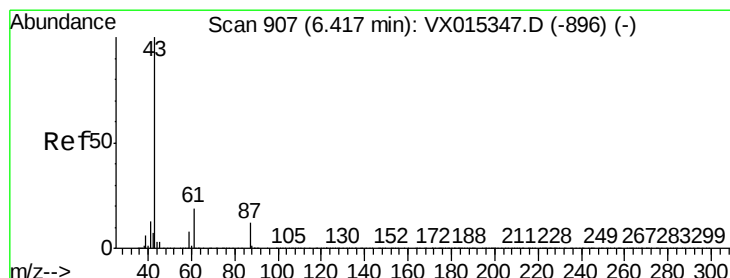
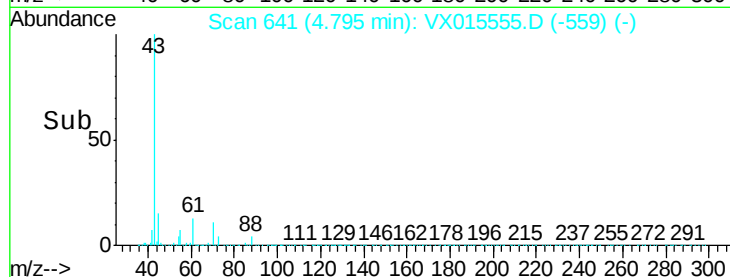
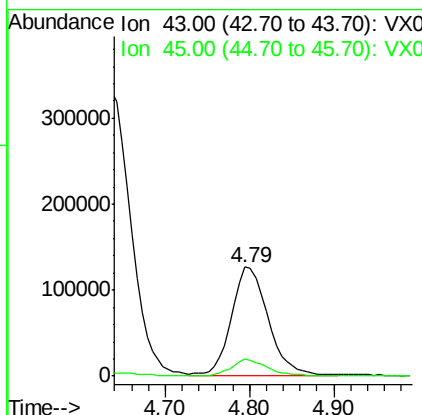
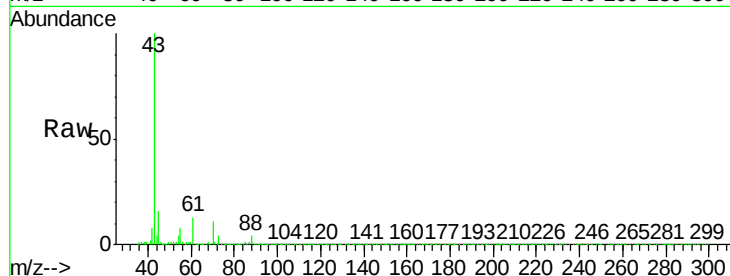
#43
Ethyl Acetate
Concen: 18.145 ug/l
RT: 4.79 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.7	12.2	18.4

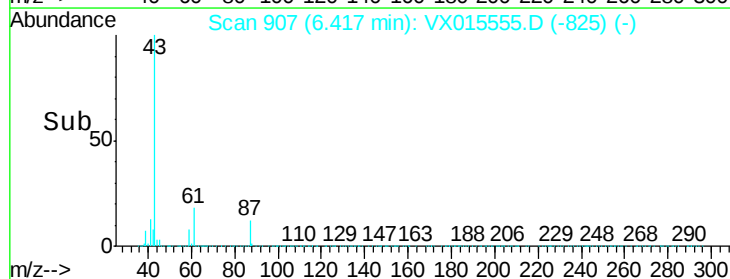
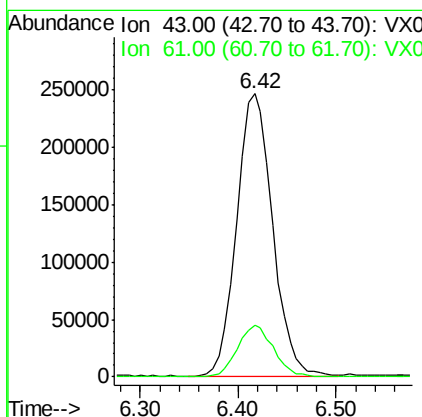
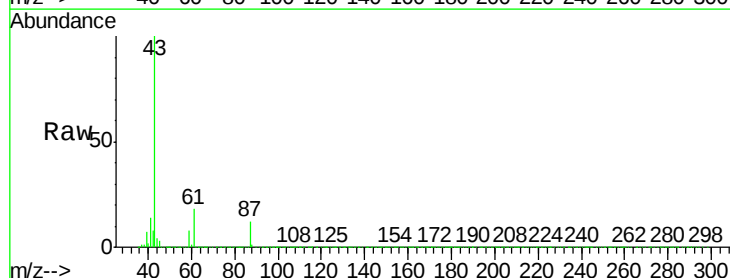
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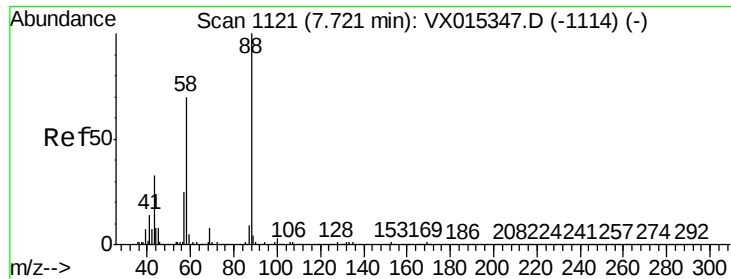
MMDadoda
4/8/2020 11:13:16 AM



#44
Isopropyl Acetate
Concen: 19.037 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.6	22.0





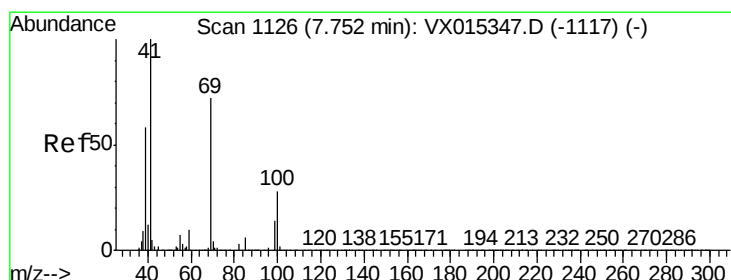
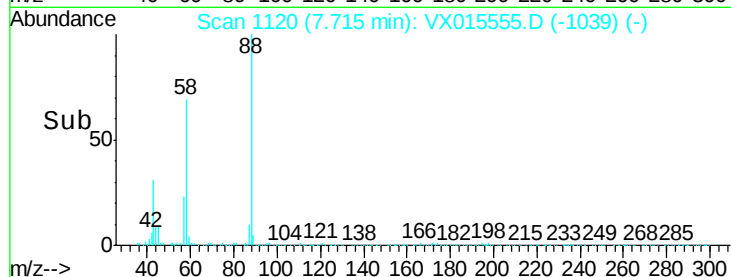
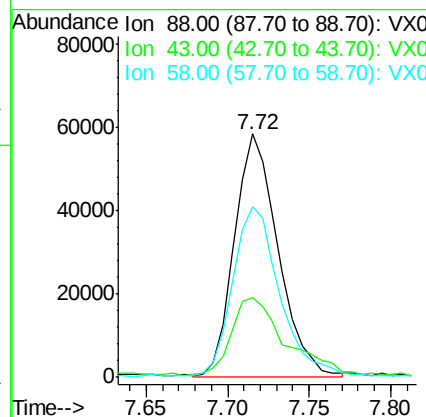
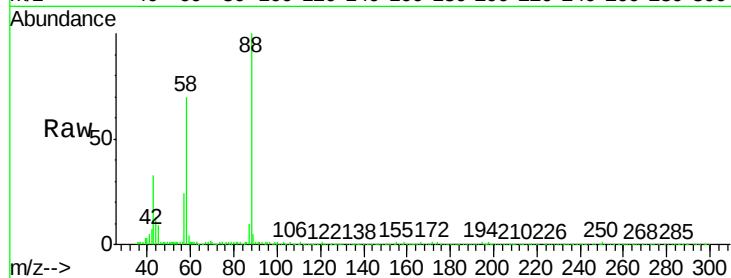
#45
1,4-Dioxane
Concen: 360.658 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	88	Resp	109054
Ion Ratio	Lower	Upper	
88	100		
43	38.9	32.1	48.1
58	74.7	59.4	89.0

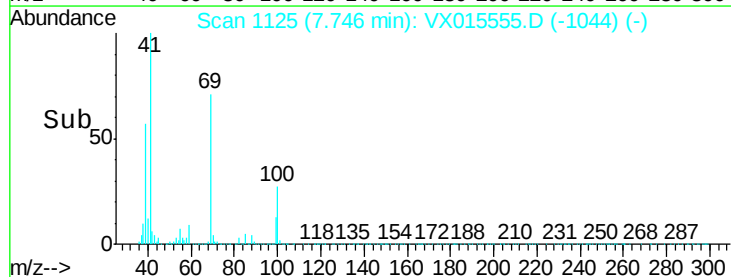
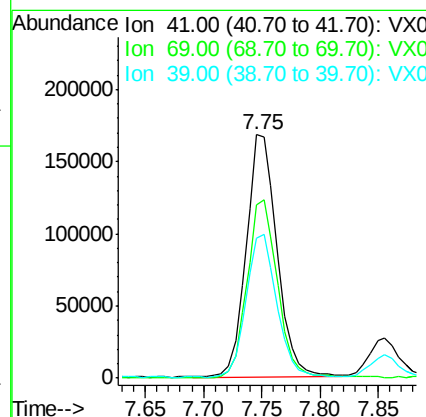
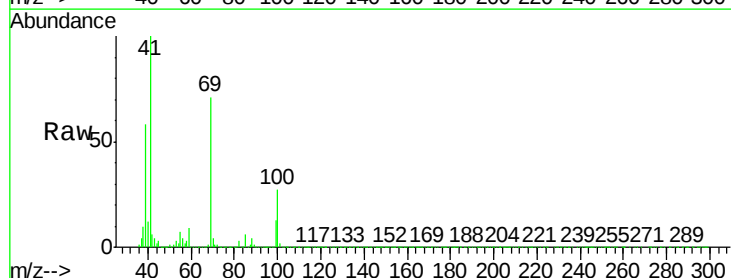
Manual Integrations
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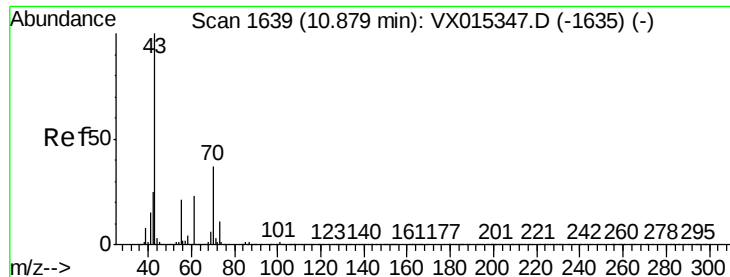
MMDadoda
4/8/2020 11:13:16 AM



#46
Methyl methacrylate
Concen: 19.046 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	41	Resp	311968
Ion Ratio	Lower	Upper	
41	100		
69	71.2	35.8	107.4
39	57.3	28.9	86.8





#47

n-amvl Acetate

Concen: 19.014 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 538137

Ion Ratio Lower Upper

43 100

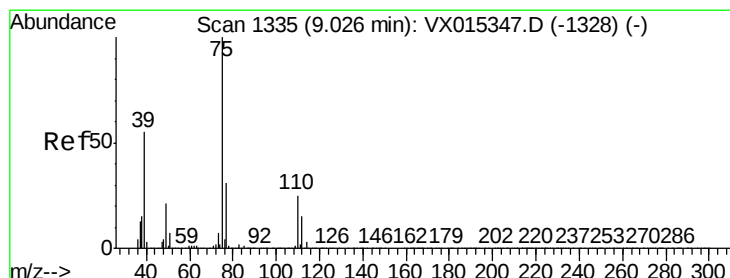
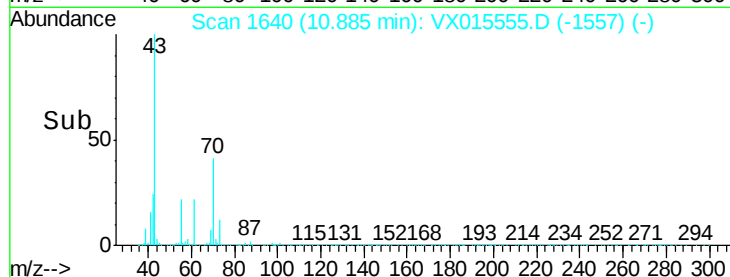
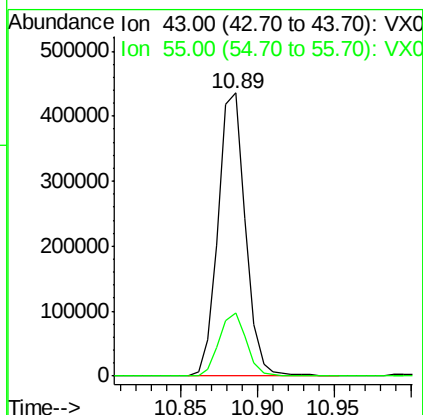
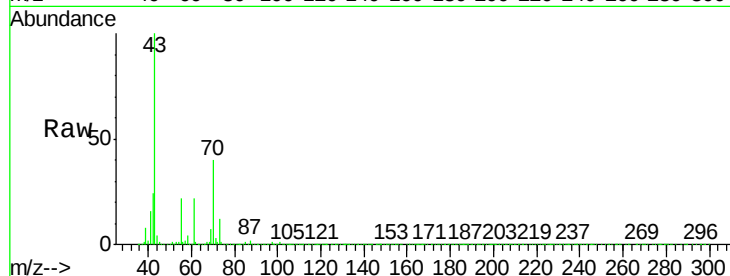
55 22.2 17.0 25.6

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#48

t-1,3-Dichloropropene

Concen: 17.911 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015555.D

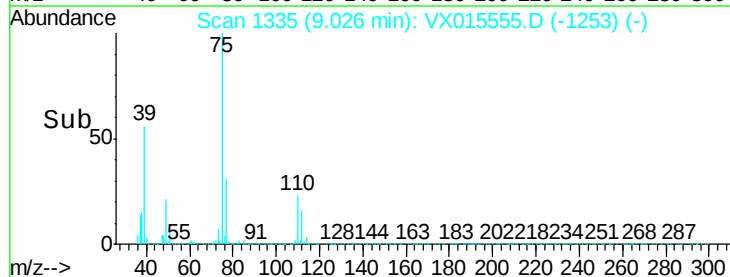
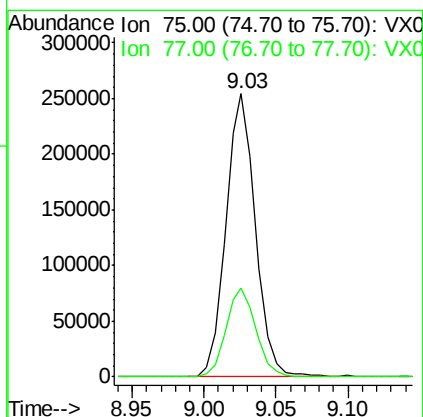
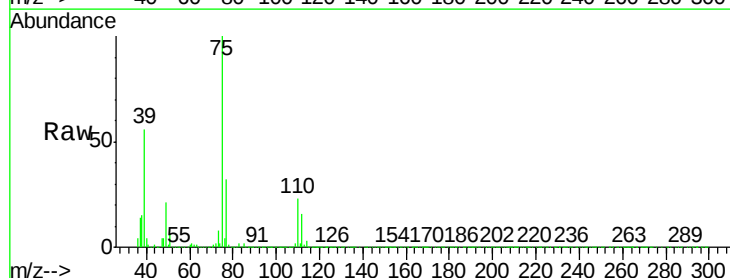
Acq: 07 Apr 2020 21:41

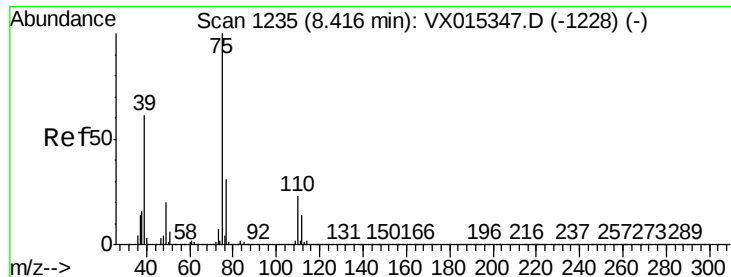
Tgt Ion: 75 Resp: 362162

Ion Ratio Lower Upper

75 100

77 31.5 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 18.399 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

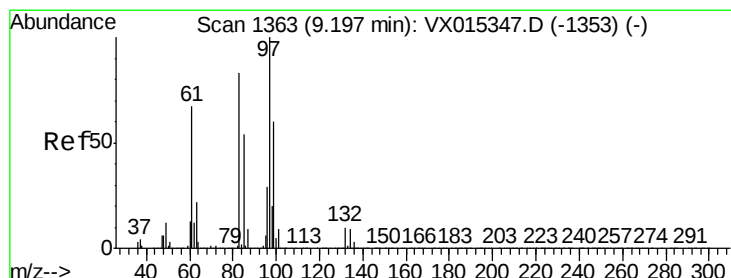
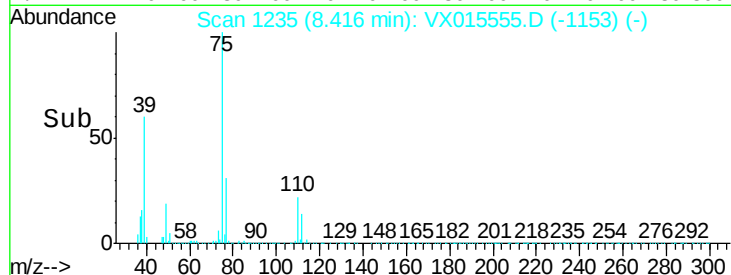
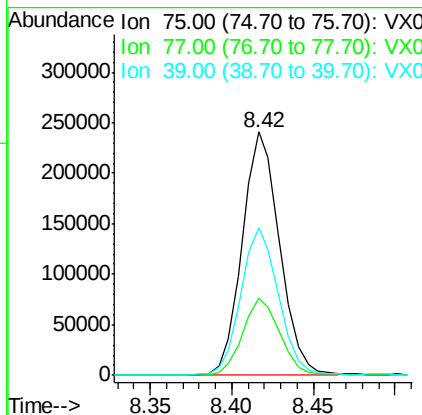
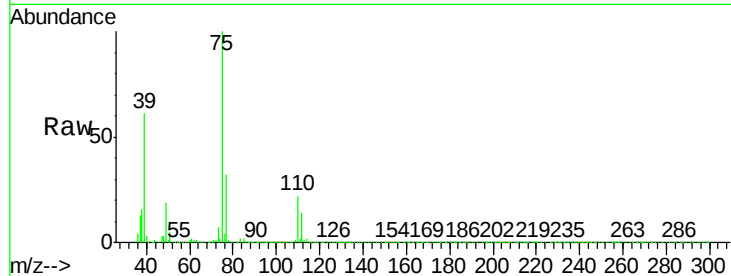
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	383995
Ion Ratio	Lower	Upper	
75	100		
77	31.5	24.6	36.8
39	60.3	48.9	73.3

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#50

1,1,2-Trichloroethane

Concen: 19.476 ug/l

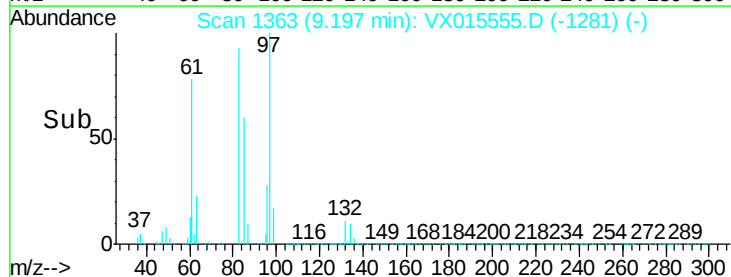
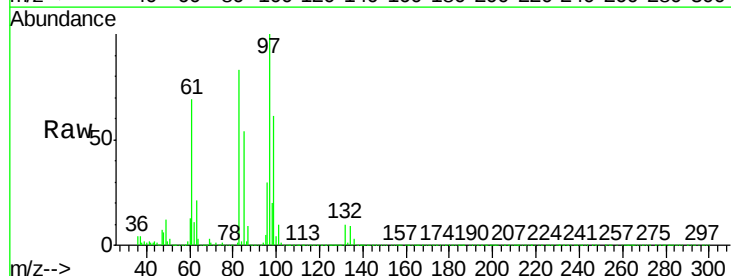
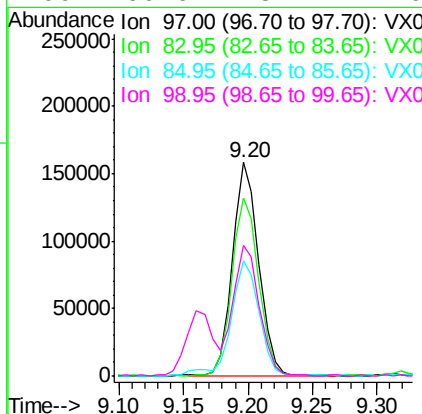
RT: 9.20 min Scan# 1363

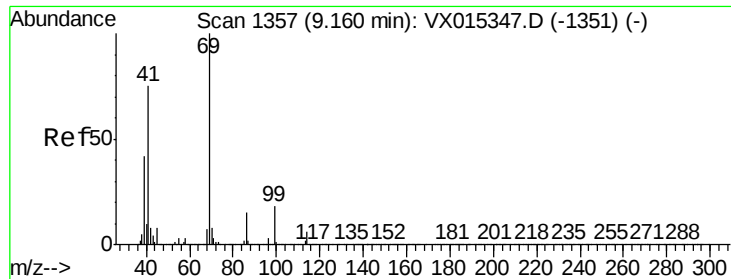
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	97	Resp:	225252
Ion Ratio	Lower	Upper	
97	100		
83	83.3	66.8	100.2
85	53.8	43.3	64.9
99	60.6	48.4	72.6





#51

Ethyl methacrylate

Concen: 18.952 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

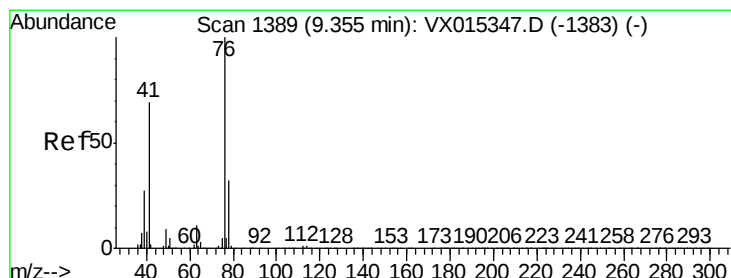
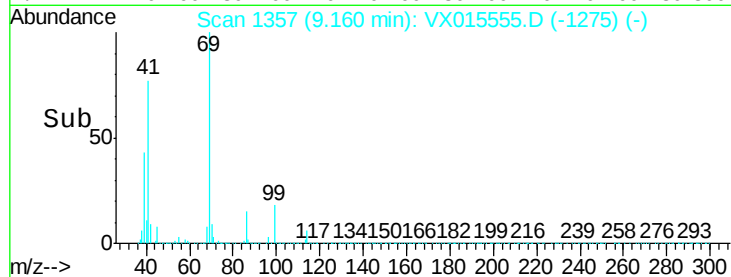
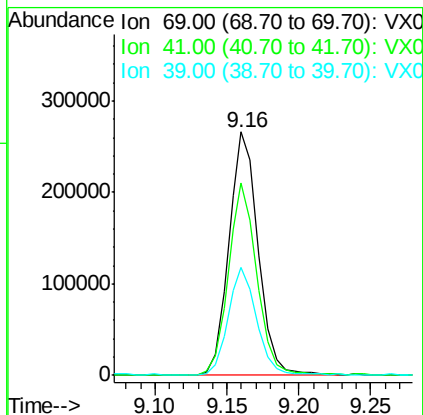
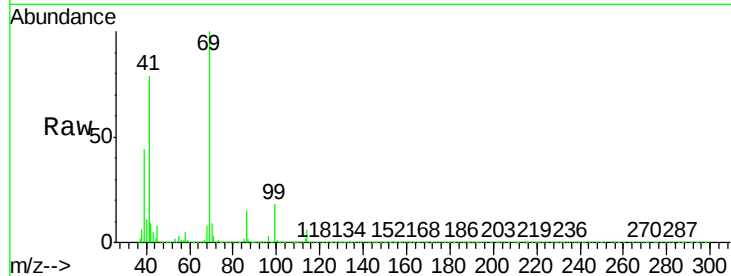
ClientSampled :

VSTDCCC020EC

Tot Ion:	69	Resp:	376989
Ion	Ratio	Lower	Upper
69	100		
41	78.6	37.4	112.2
39	44.2	21.1	63.1

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.783 ug/l

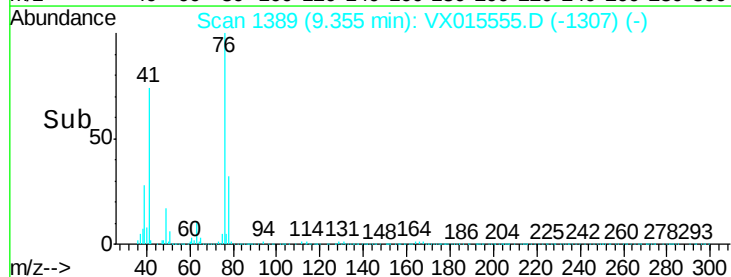
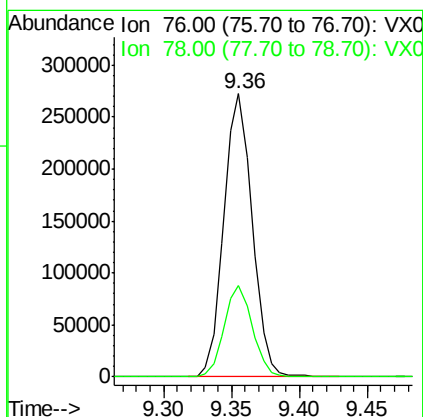
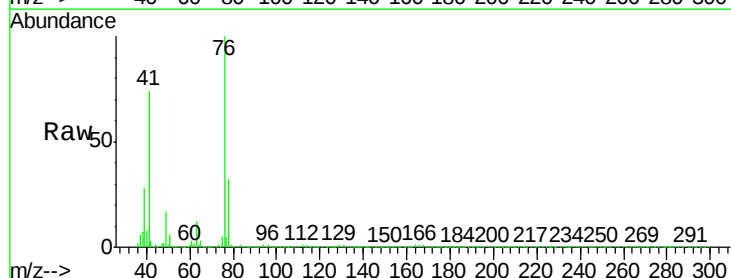
RT: 9.36 min Scan# 1389

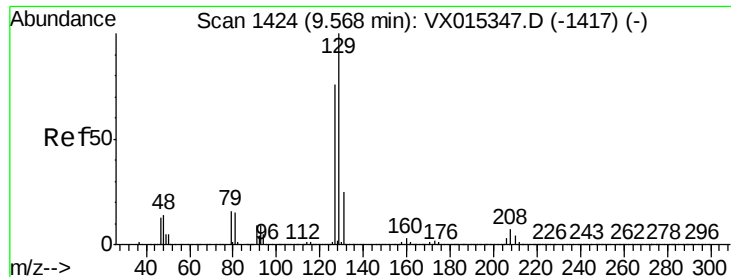
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	76	Resp:	395202
Ion	Ratio	Lower	Upper
76	100		
78	31.7	0.0	63.2





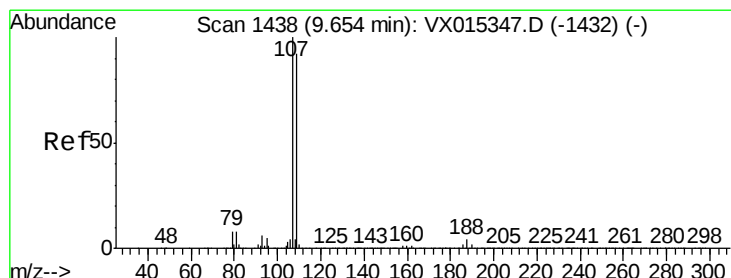
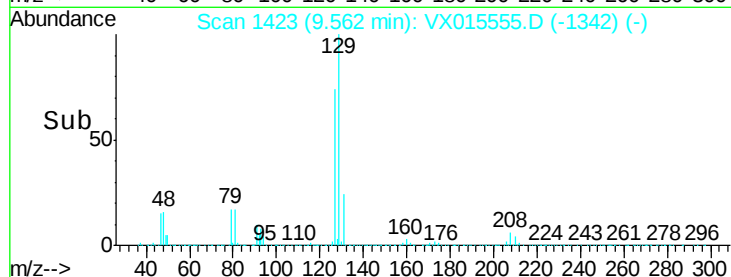
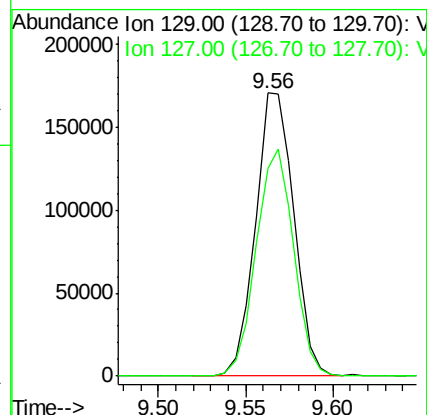
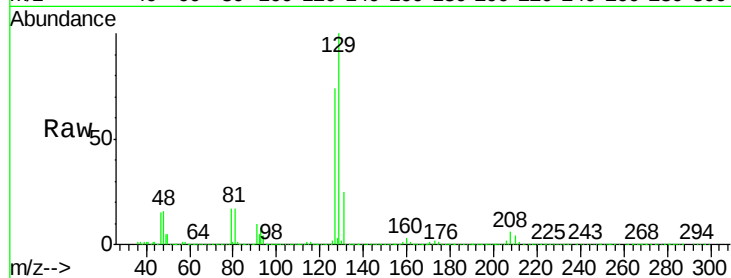
#53
Dibromochloromethane
Concen: 18.194 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.0	38.6	115.7

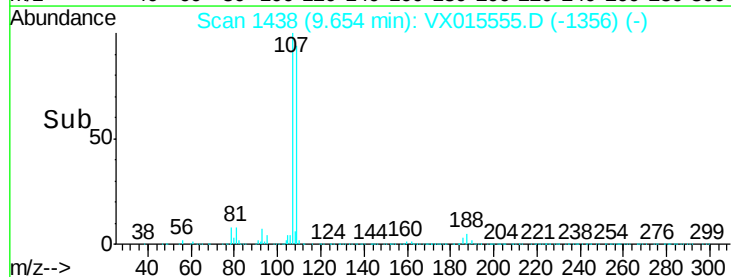
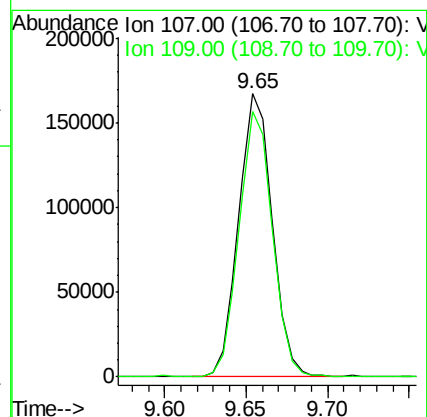
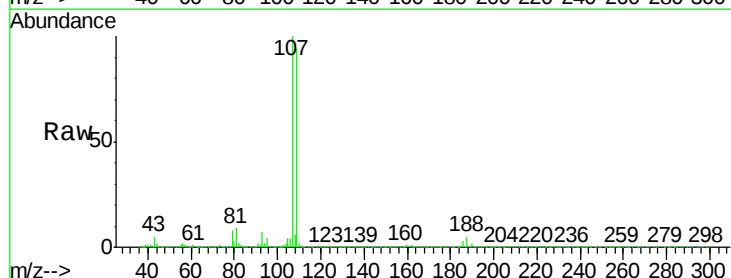
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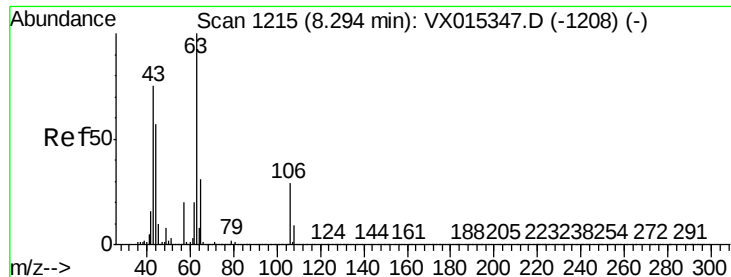
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#54
1,2-Dibromoethane
Concen: 19.400 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.5	75.0	112.6





#55

2-Chloroethyl vinyl ether

Concen: 98.792 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

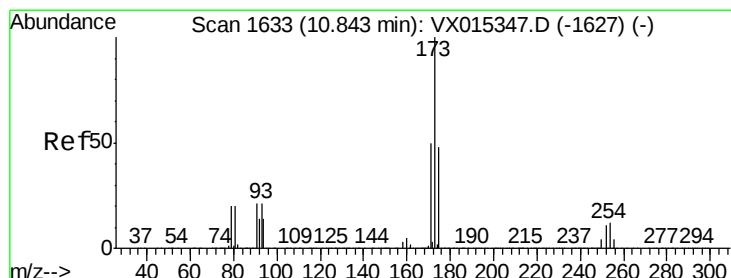
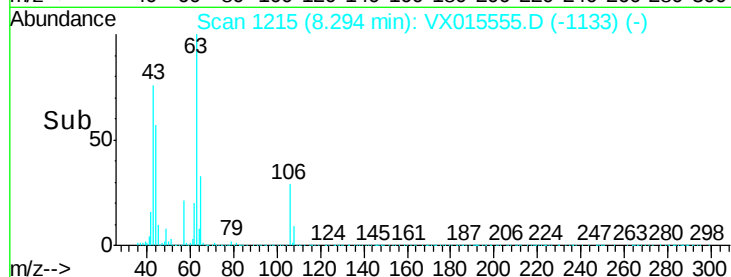
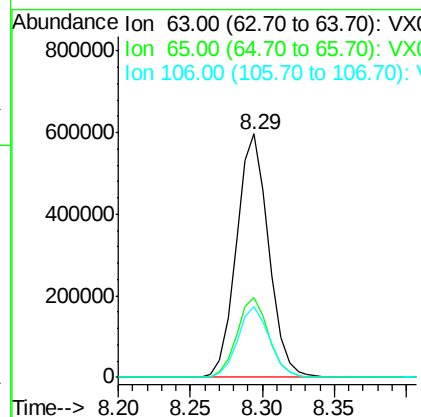
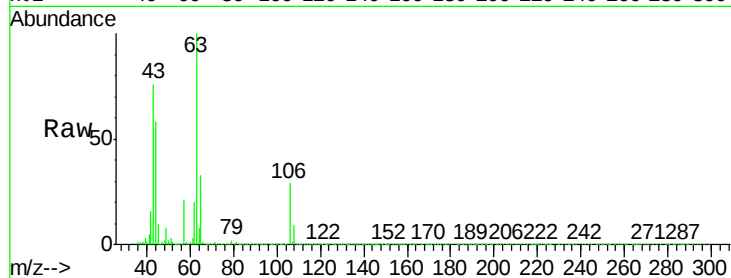
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	928138
Ion Ratio	Lower	Upper	
63	100		
65	32.4	25.5	38.3
106	28.4	23.1	34.7

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#56

Bromoform

Concen: 17.528 ug/l

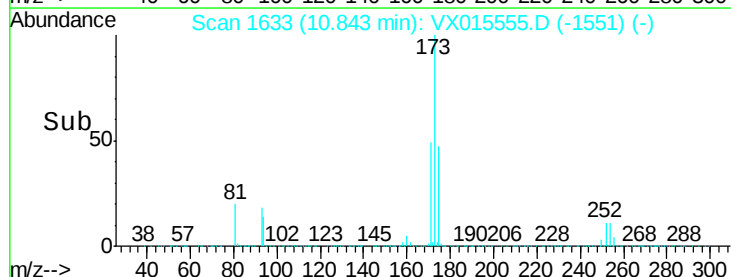
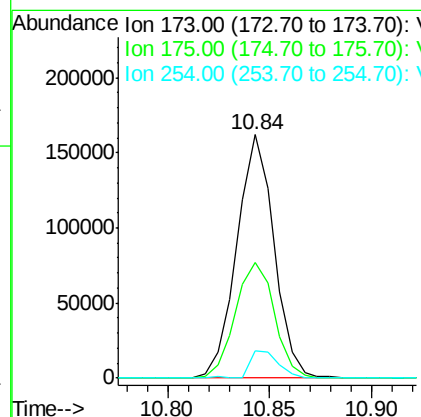
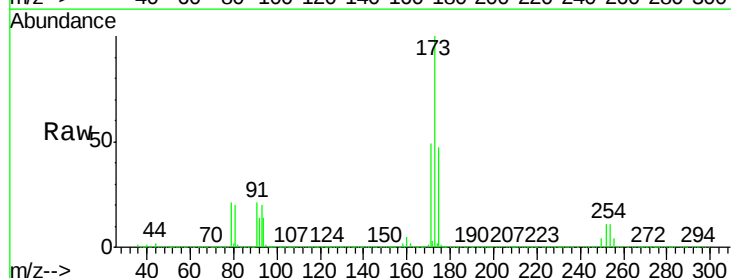
RT: 10.84 min Scan# 1633

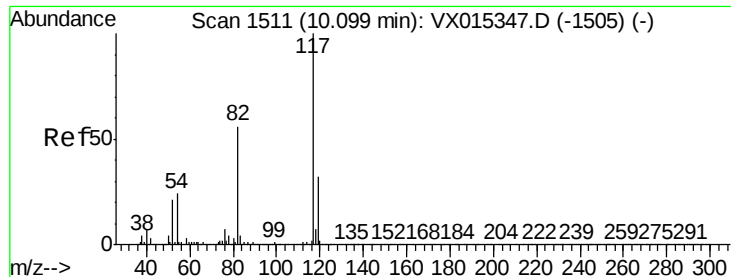
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	173	Resp:	205488
Ion Ratio	Lower	Upper	
173	100		
175	49.6	39.0	58.4
254	8.4	9.4	14.2#





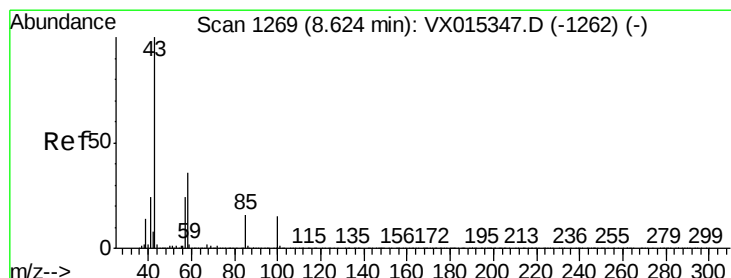
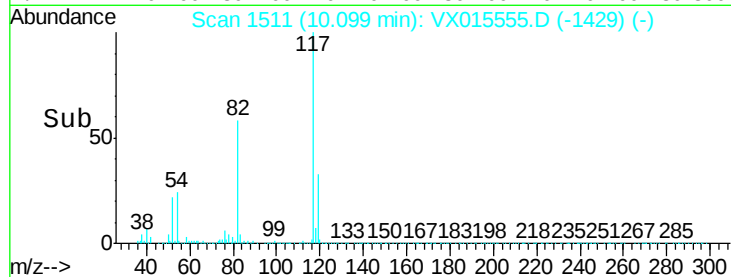
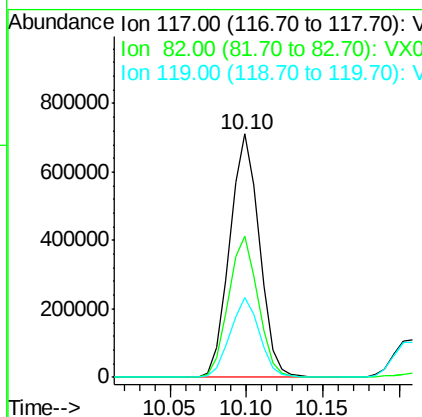
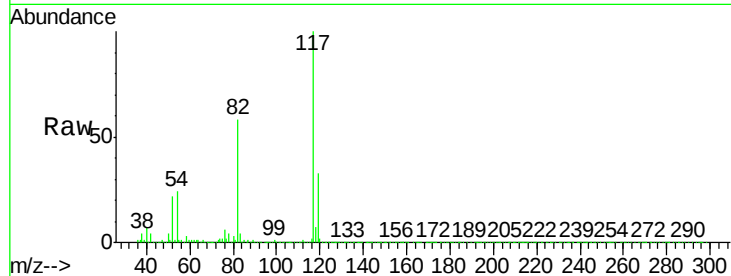
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	57.8	45.0	67.6
119	32.2	25.5	38.3

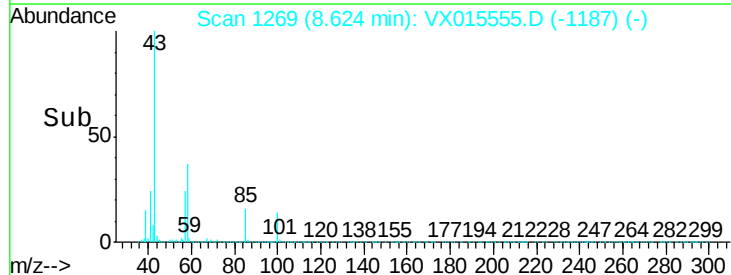
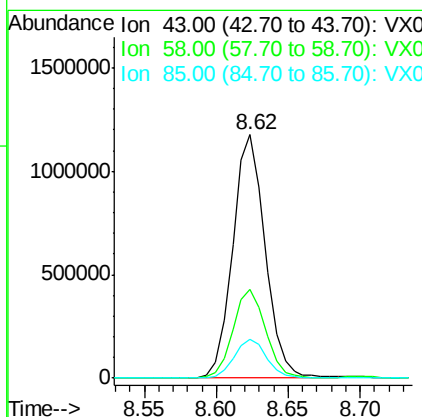
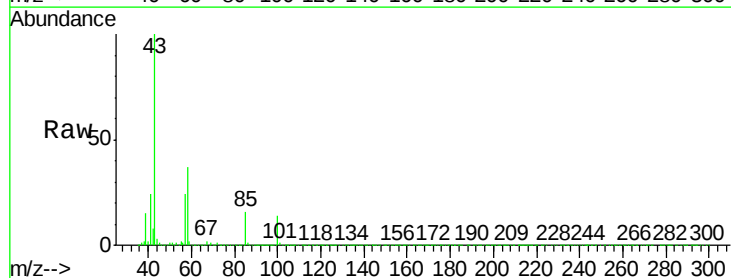
Manual Integrations
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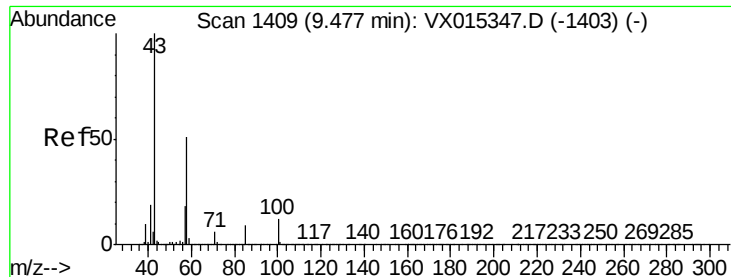
MMDadoda
4/8/2020 11:13:16 AM



#58
4-Methyl-2-Pentanone
Concen: 100.668 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Resp Lower	Resp Upper
43	100		
58	36.7	29.4	44.0
85	16.2	13.0	19.4





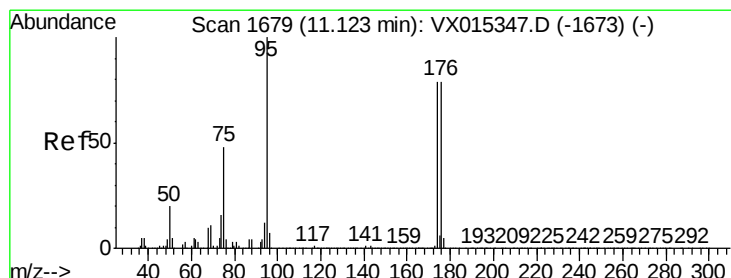
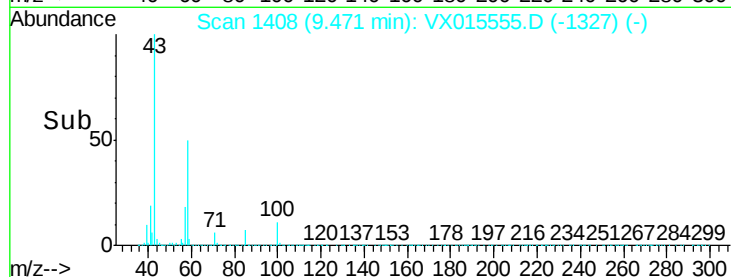
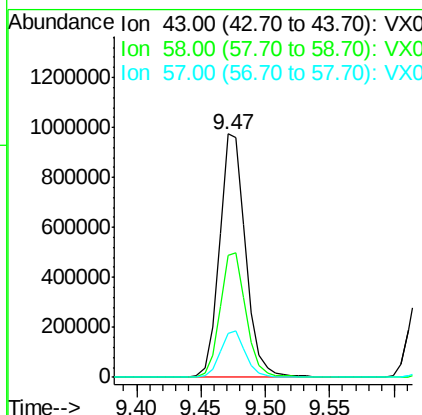
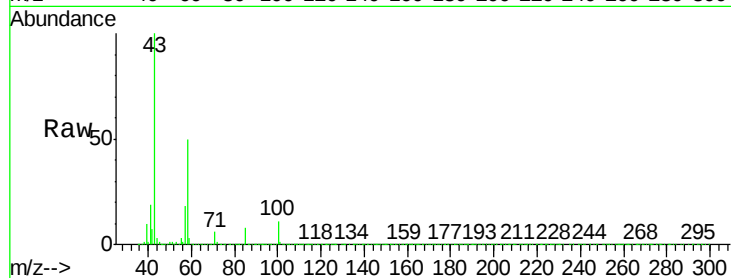
#59
2-Hexanone
Concen: 99.387 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.1	40.2	60.4
57	18.4	14.6	22.0

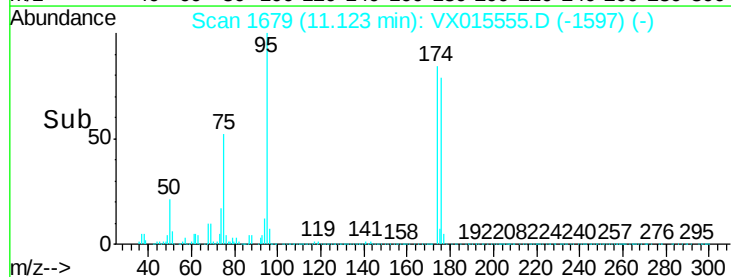
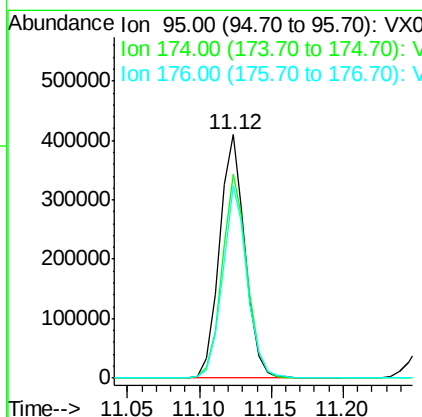
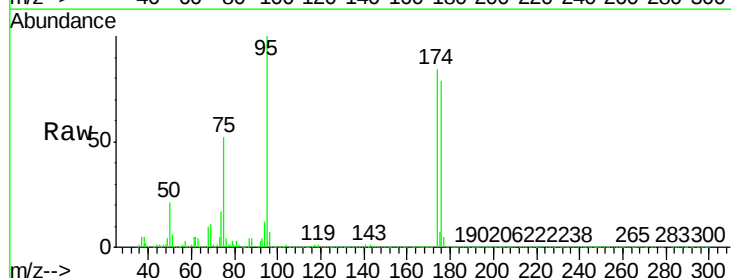
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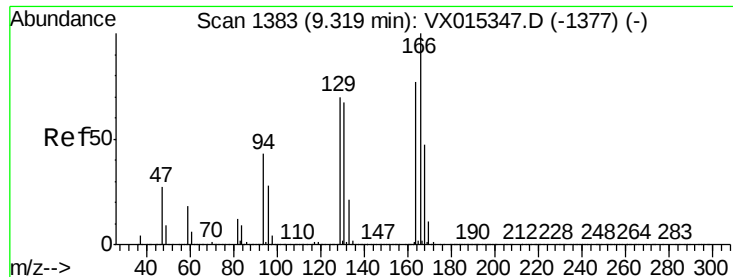
MMDadoda
4/8/2020 11:13:16 AM



#60
4-Bromofluorobenzene
Concen: 30.925 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.5	66.4	99.6
176	76.7	64.1	96.1





#61

Tetrachloroethene

Concen: 18.860 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

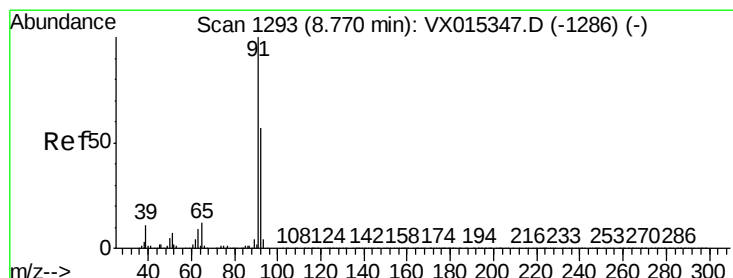
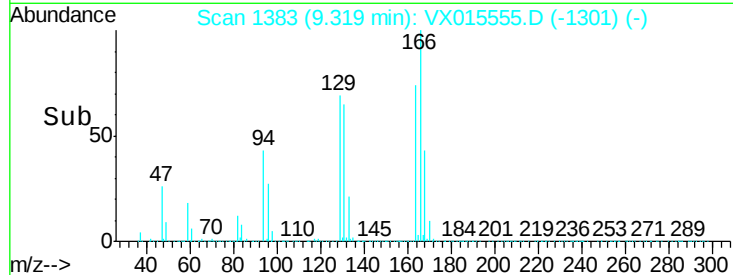
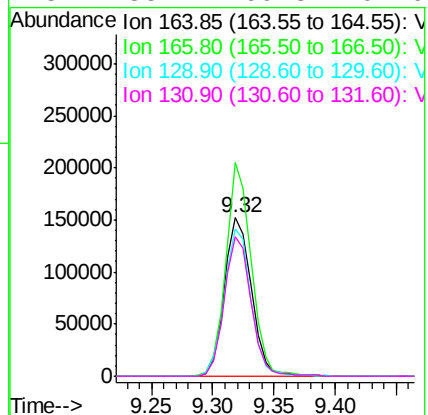
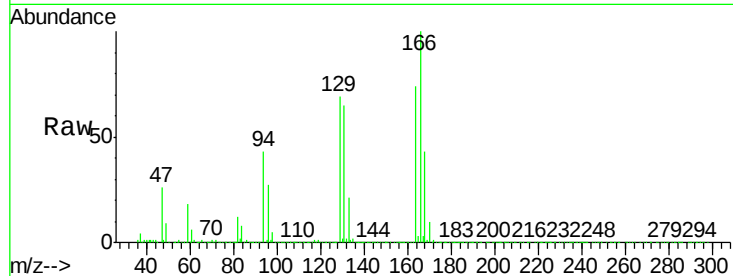
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.6	103.6	155.4
129	92.9	72.6	108.8
131	88.2	69.8	104.6

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#62

Toluene

Concen: 19.479 ug/l

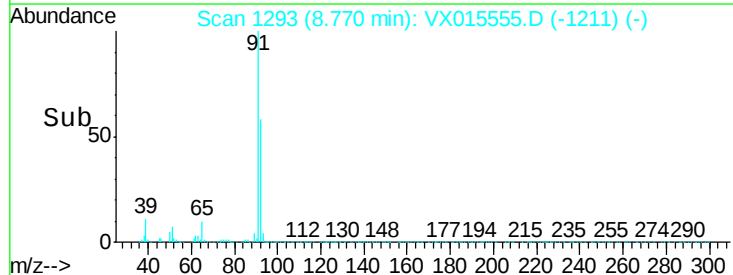
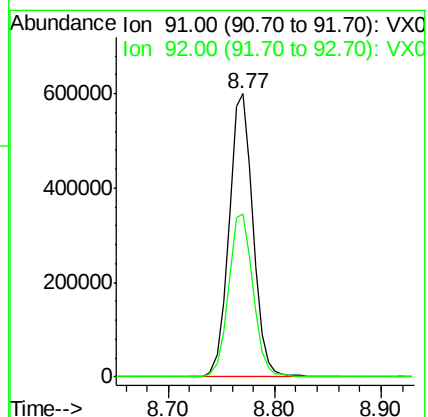
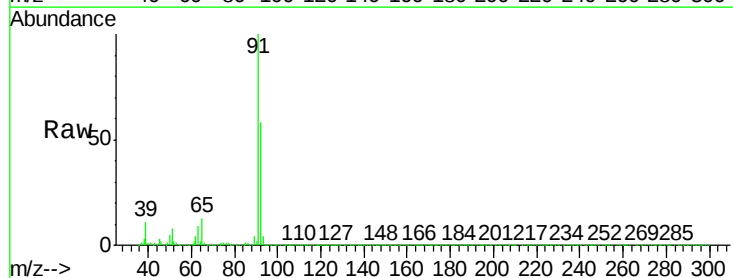
RT: 8.77 min Scan# 1293

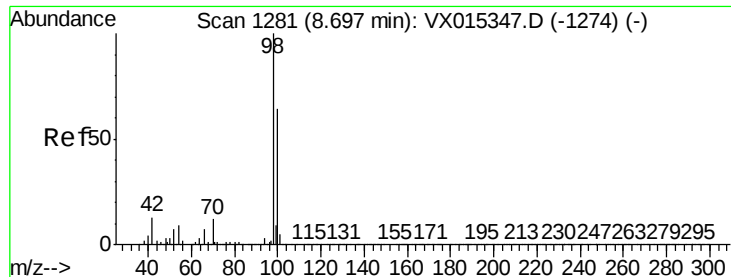
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.8	46.7	70.1





#63

Toluene-d8

Concen: 30.215 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 1228976

Ion Ratio Lower Upper

98 100

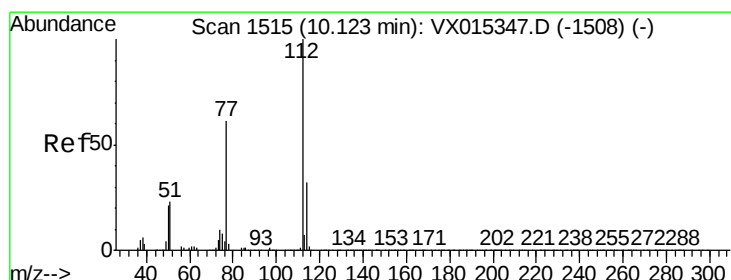
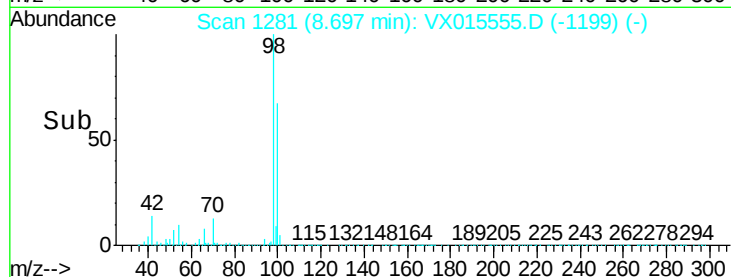
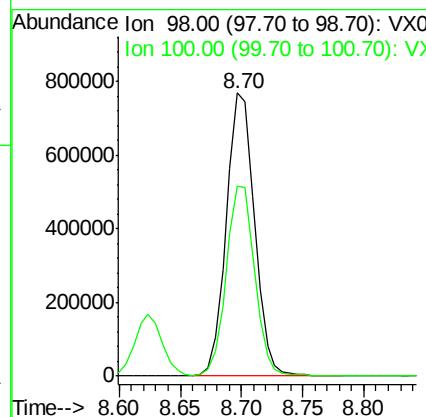
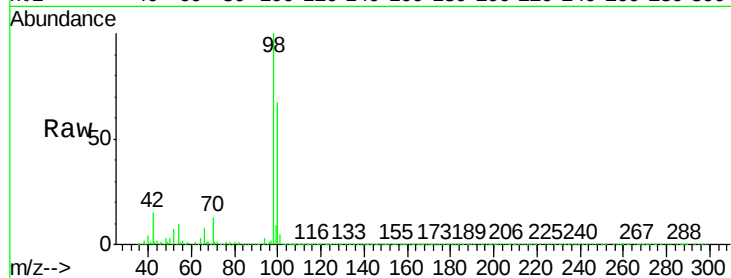
100 67.3 52.2 78.2

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#64

Chlorobenzene

Concen: 19.293 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015555.D

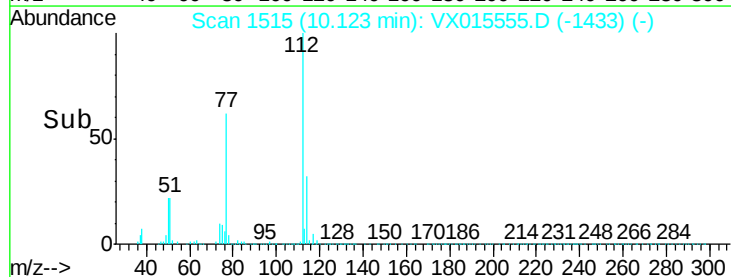
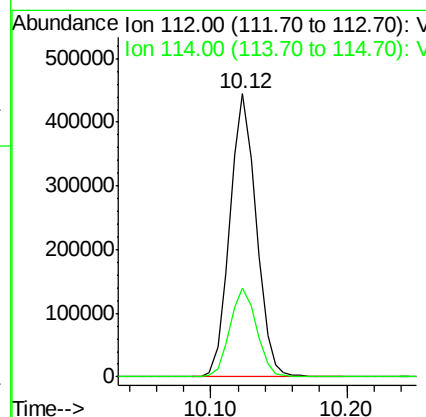
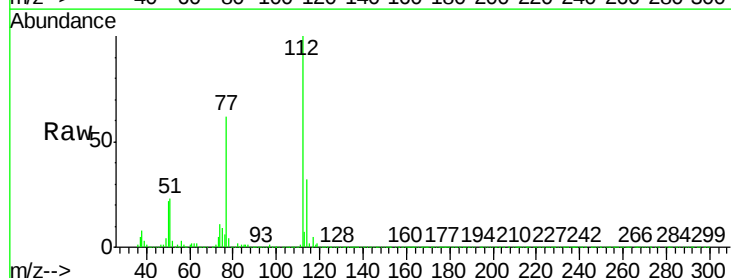
Acq: 07 Apr 2020 21:41

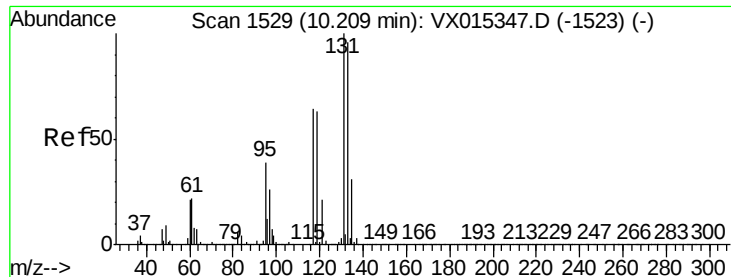
Tgt Ion: 112 Resp: 601499

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 18.631 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

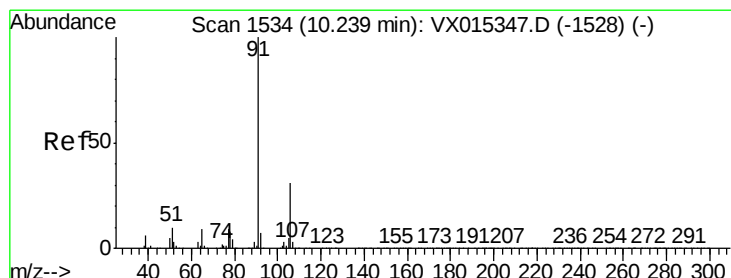
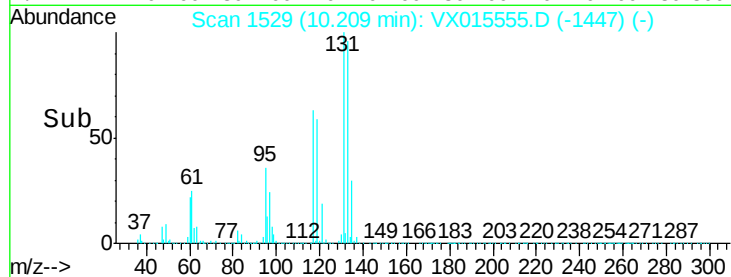
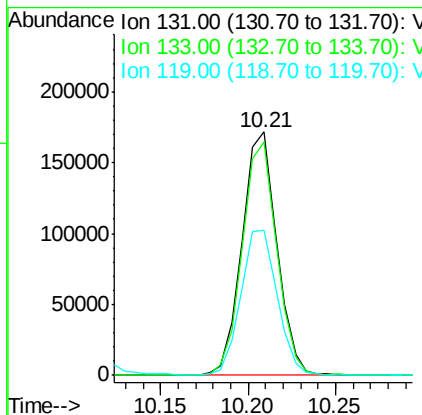
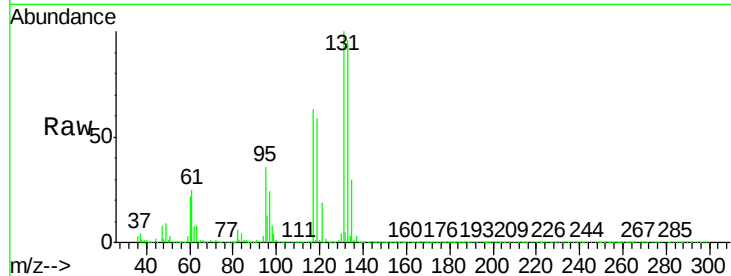
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	237364
Ion Ratio	Lower	Upper	
131	100		
133	94.8	0.0	193.6
119	62.2	0.0	128.0

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#66

Ethyl Benzene

Concen: 19.550 ug/l

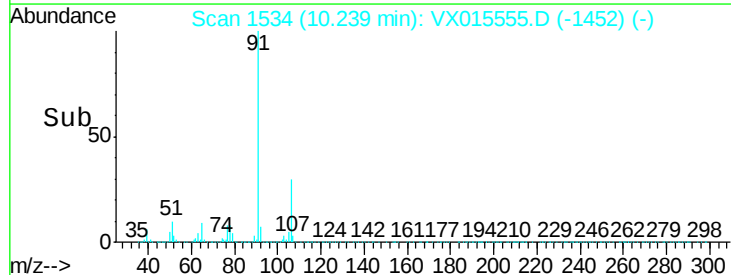
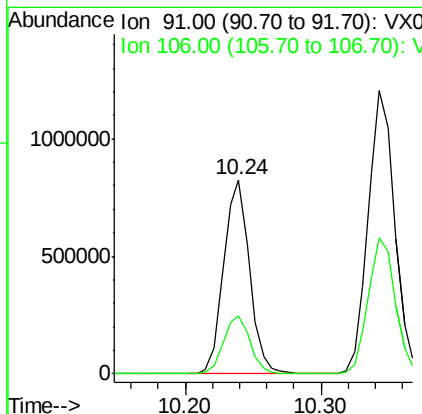
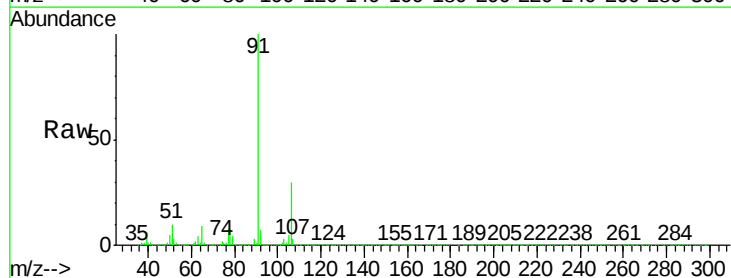
RT: 10.24 min Scan# 1534

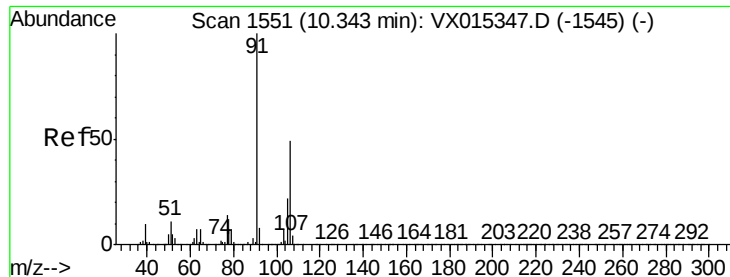
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	91	Resp:	1083013
Ion Ratio	Lower	Upper	
91	100		
106	30.1	25.0	37.6





#67

m/p-Xvlenes

Concen: 38.477 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 806739

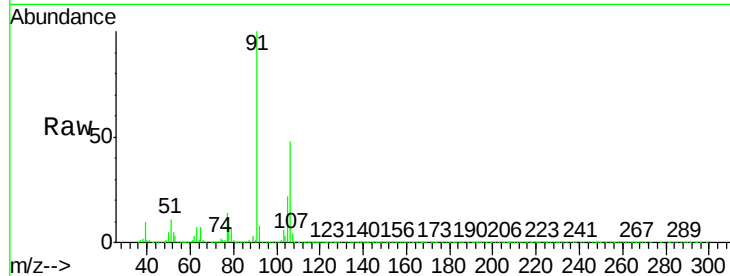
Ion Ratio Lower Upper

106 100

91 204.0 165.0 247.4

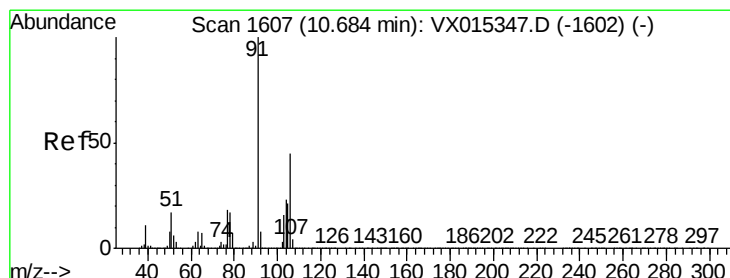
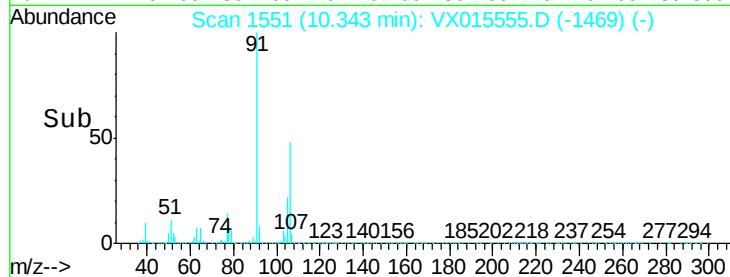
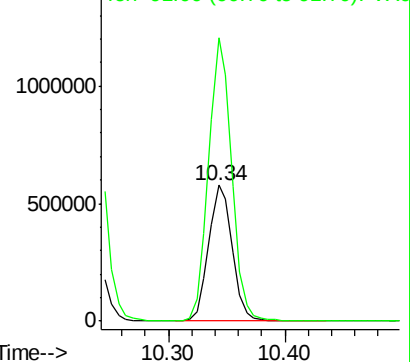
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.840 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. 0.00 min

Lab File: VX015555.D

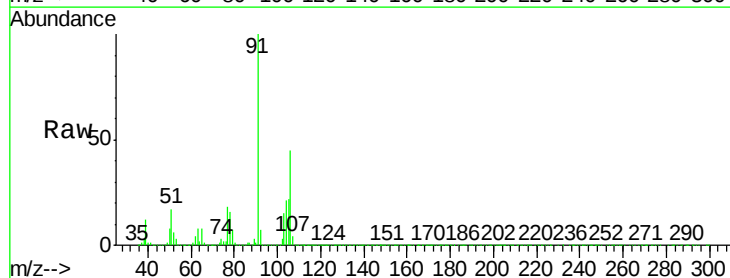
Acq: 07 Apr 2020 21:41

Tgt Ion:106 Resp: 386099

Ion Ratio Lower Upper

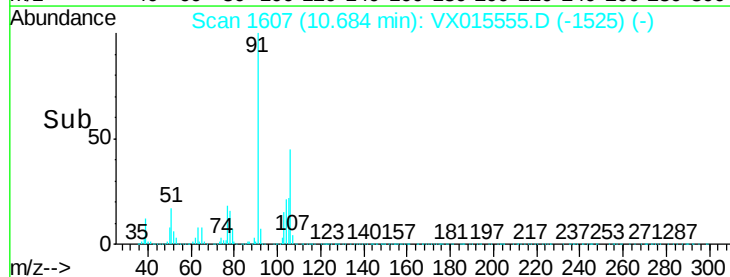
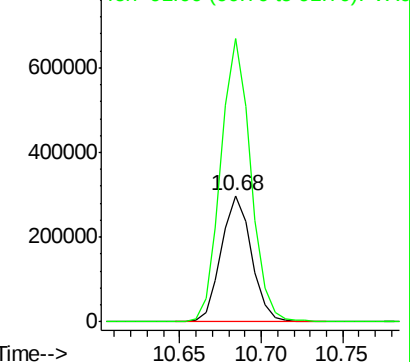
106 100

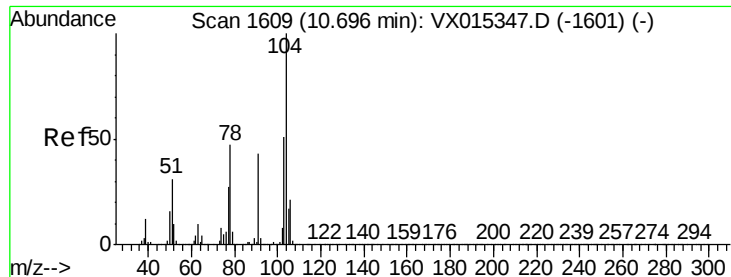
91 220.1 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





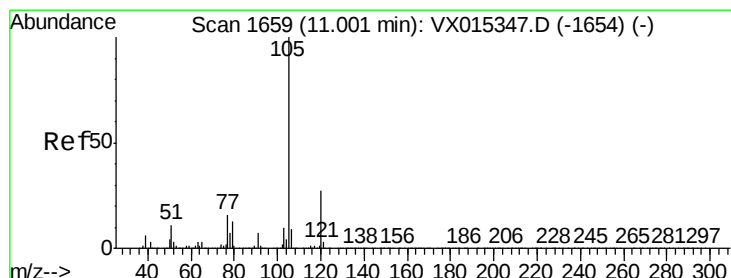
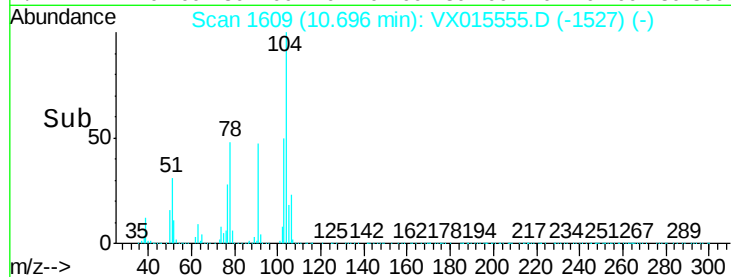
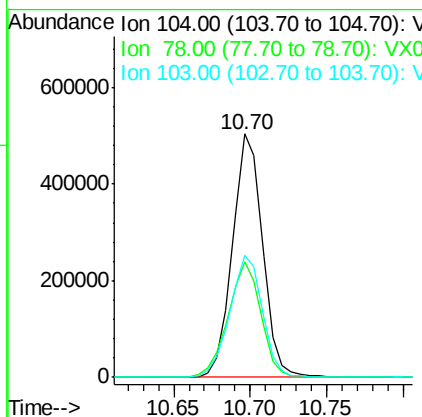
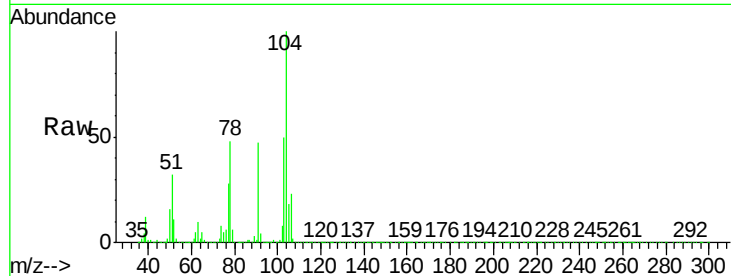
#69
Stvrene
Concen: 19.251 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	687392		
78	51.6		41.5	62.3
103	54.1		43.4	65.2

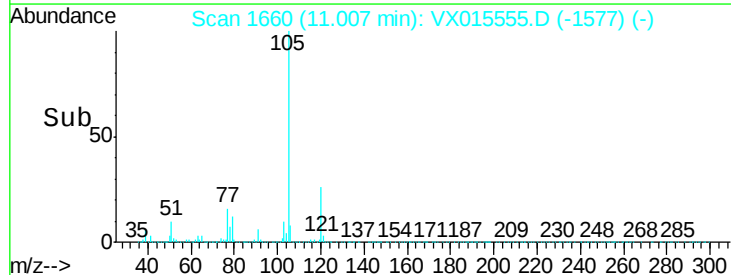
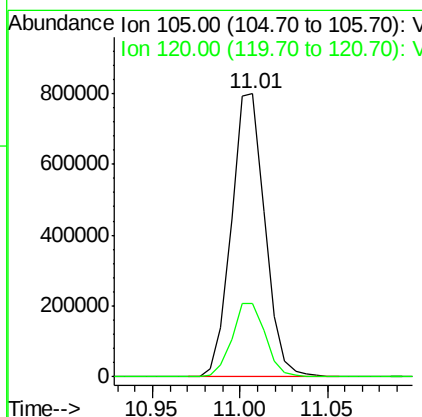
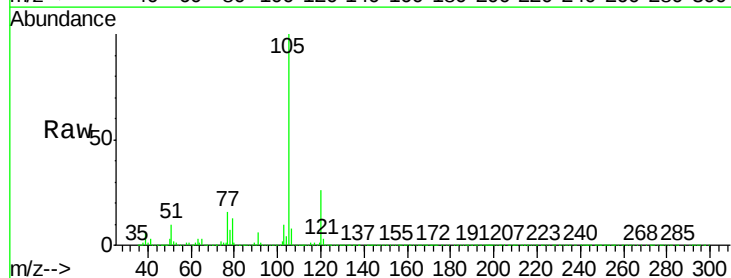
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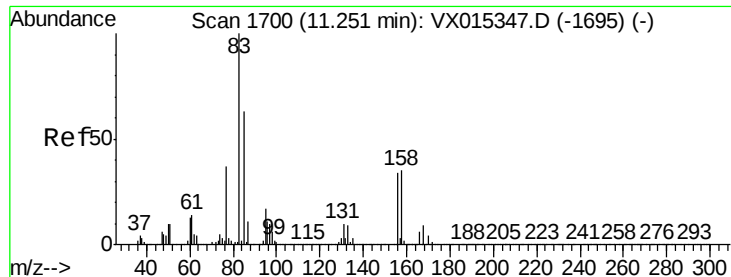
MMDadoda
4/8/2020 11:13:16 AM



#70
Isopropylbenzene
Concen: 19.577 ug/l
RT: 11.01 min Scan# 1660
Delta R.T. 0.01 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1063611		
120	26.0		18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 19.385 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

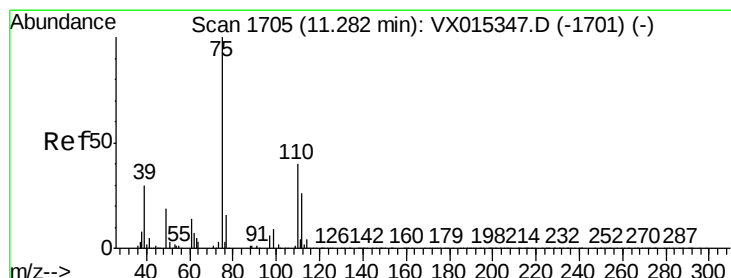
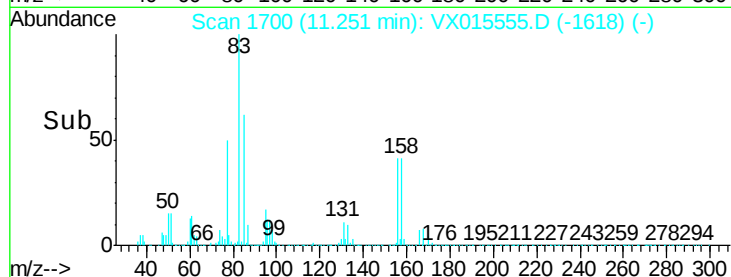
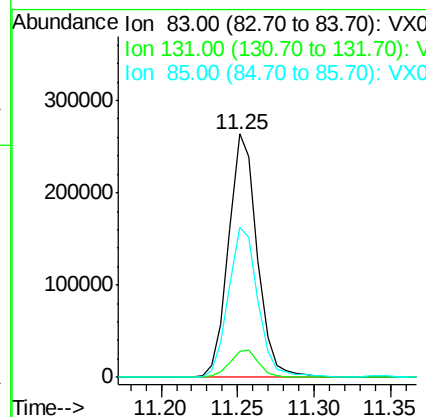
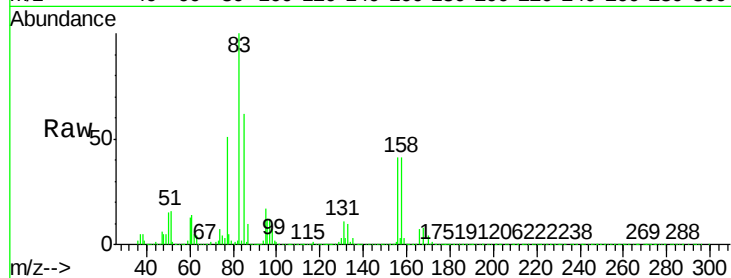
ClientSampled :

VSTDCCC020EC

Tot Ion:	83	Resp:	341347
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.3	15.9
85	63.8	32.0	96.2

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#72

1,2,3-Trichloropropane

Concen: 19.413 ug/l m

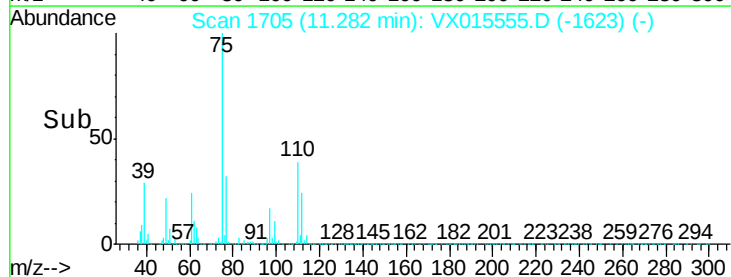
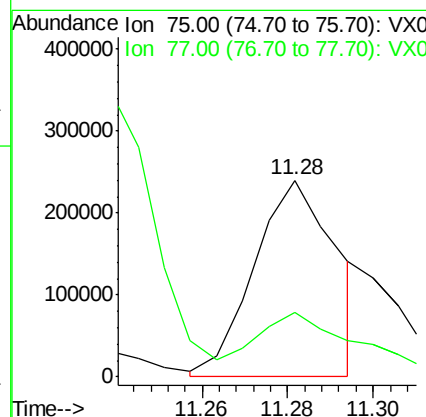
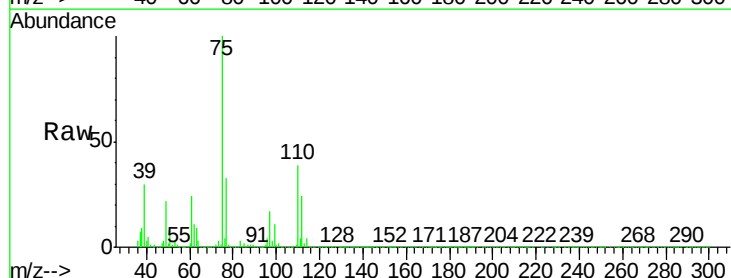
RT: 11.28 min Scan# 1705

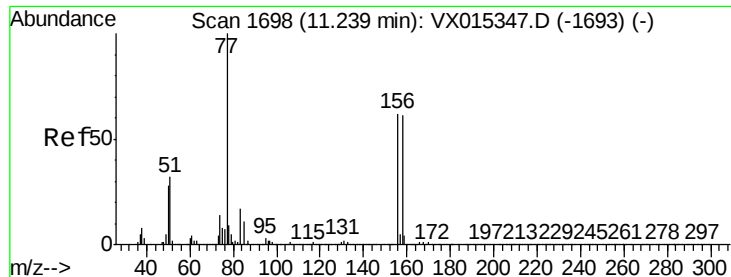
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	75	Resp:	319864
Ion Ratio	Lower	Upper	
75	100		
77	41.2	0.0	80.0





#73

Bromobenzene

Concen: 18.590 ug/l

RT: 11.25 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

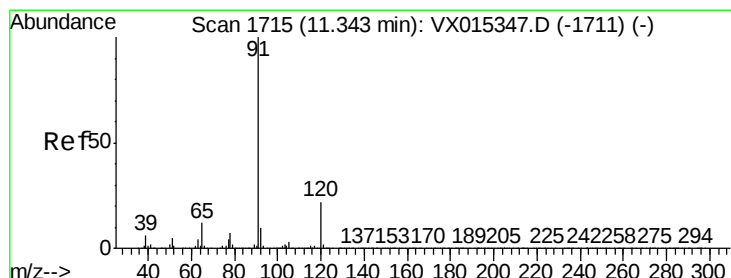
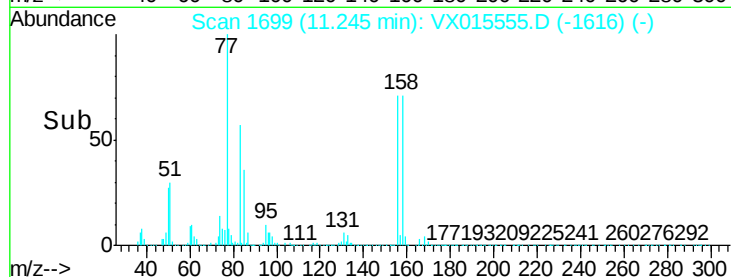
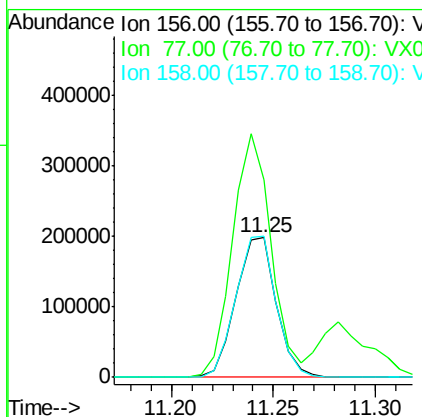
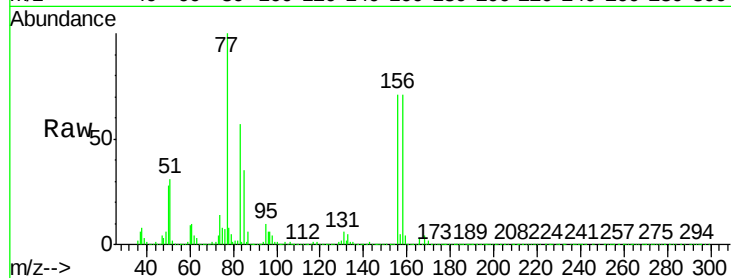
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	271124
Ion Ratio	Lower	Upper	
156	100		
77	166.4	0.0	324.4
158	101.6	0.0	200.0

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#74

n-propylbenzene

Concen: 19.421 ug/l

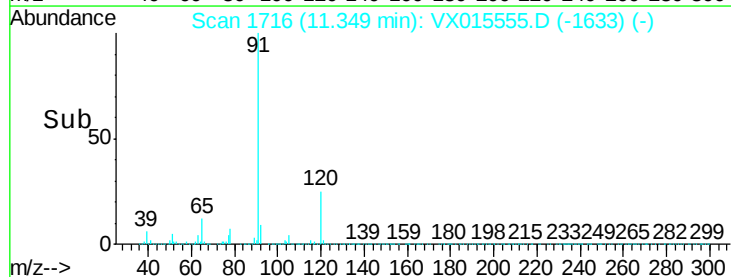
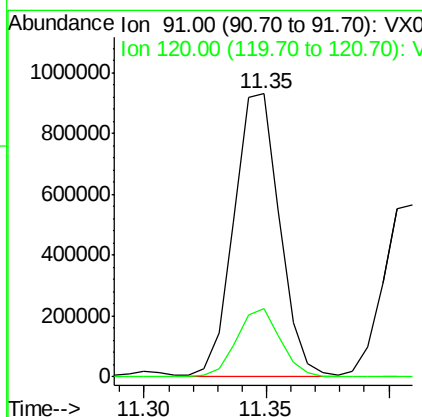
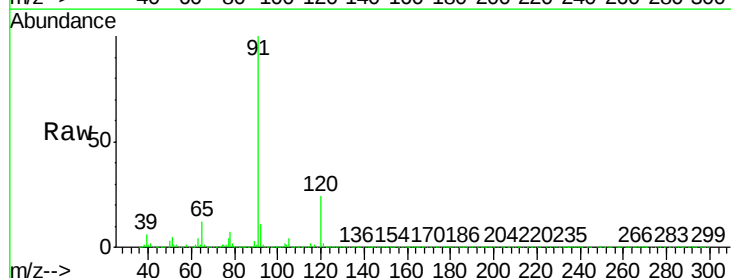
RT: 11.35 min Scan# 1716

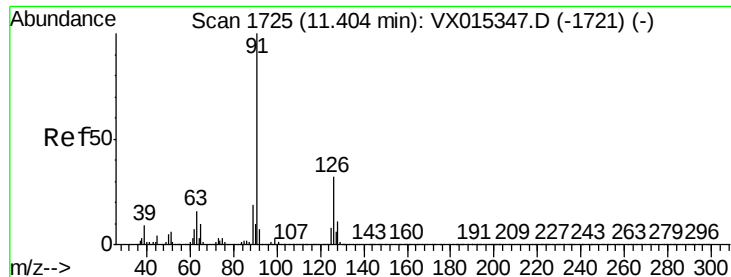
Delta R.T. 0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	91	Resp:	1210284
Ion Ratio	Lower	Upper	
91	100		
120	22.9	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.483 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. 0.01 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 738419

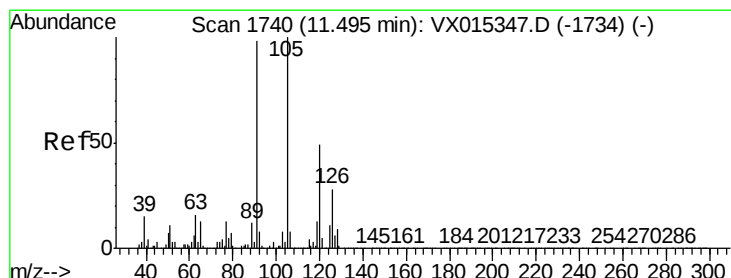
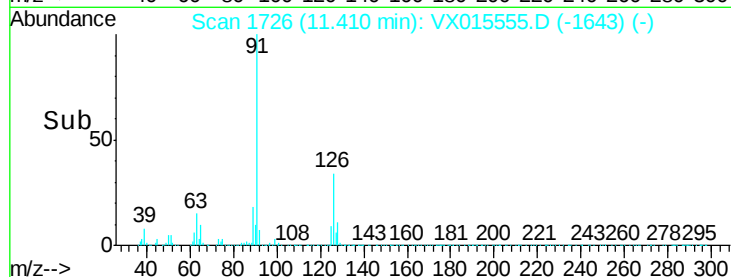
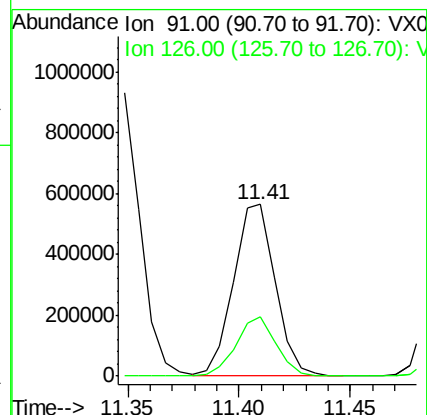
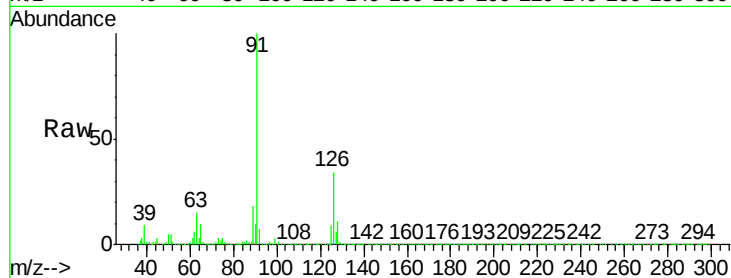
Ion Ratio Lower Upper

91 100

126 33.1 0.0 65.2

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#76

1,3,5-Trimethylbenzene

Concen: 19.197 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015555.D

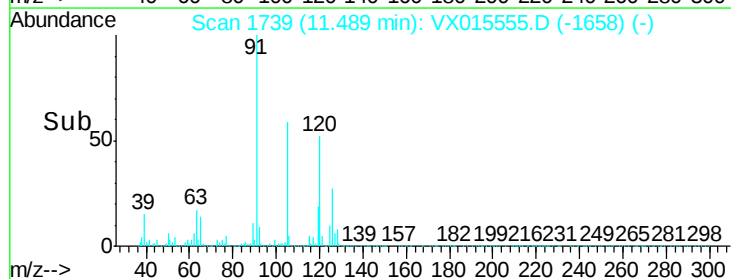
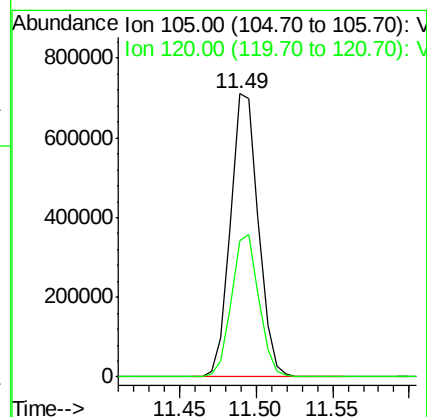
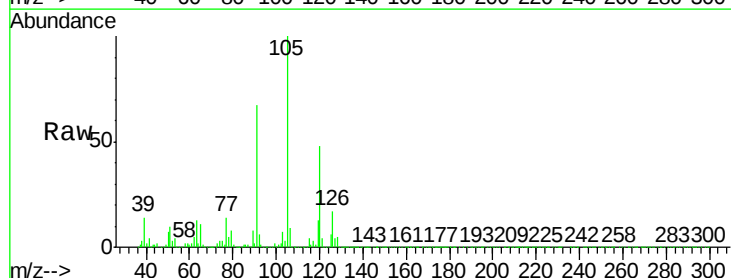
Acq: 07 Apr 2020 21:41

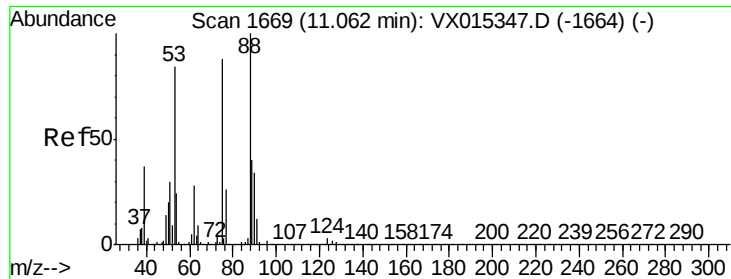
Tgt Ion: 105 Resp: 895672

Ion Ratio Lower Upper

105 100

120 49.7 0.0 98.0





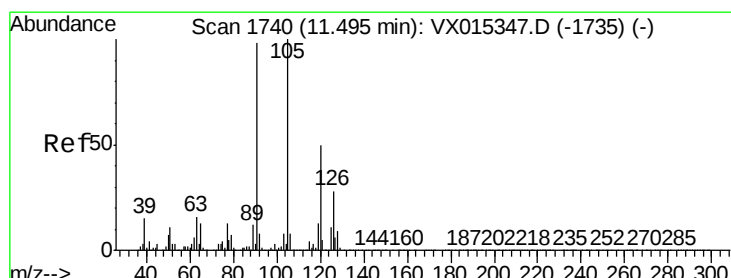
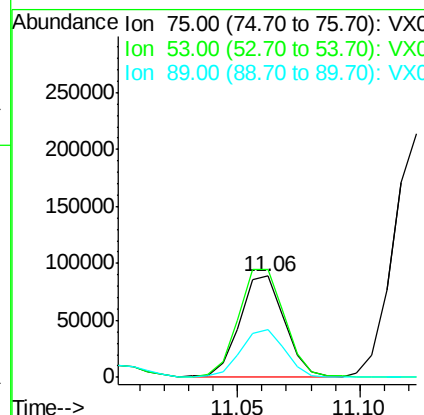
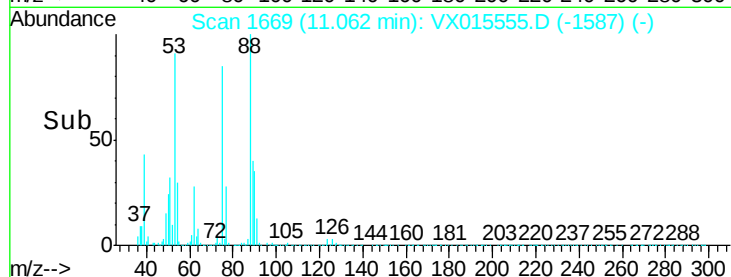
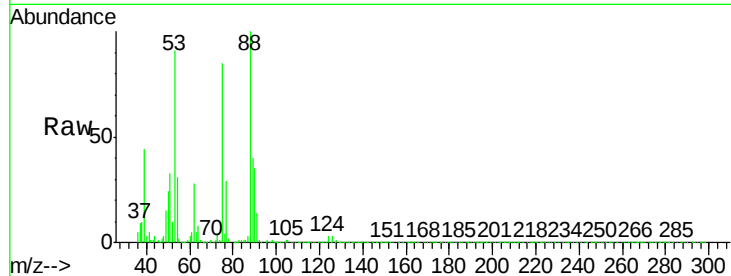
#77
t-1,4-Dichloro-2-butene
Concen: 15.819 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	47.5	142.6
89	47.5	22.8	68.3

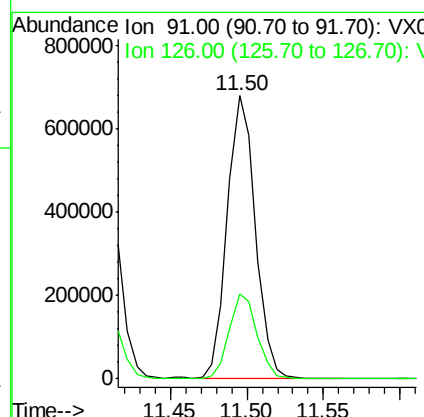
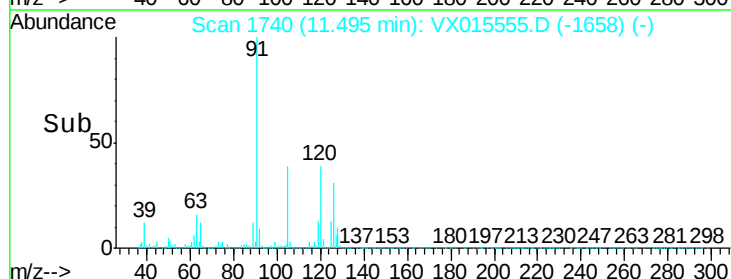
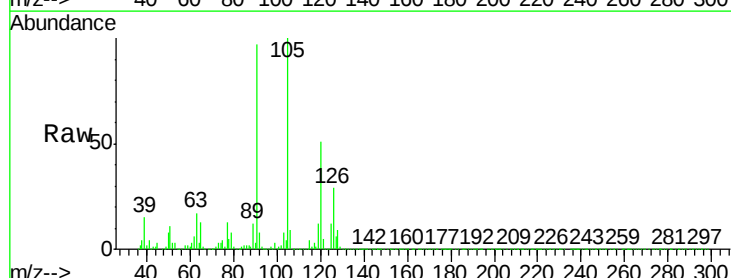
Manual Integrations
APPROVED

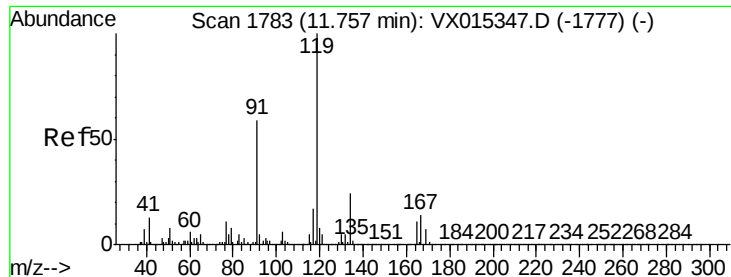
MMDadoda
4/8/2020 11:13:16 AM



#78
4-Chlorotoluene
Concen: 19.726 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	0.0	57.8





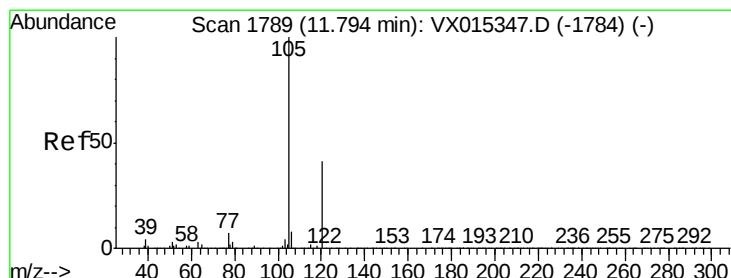
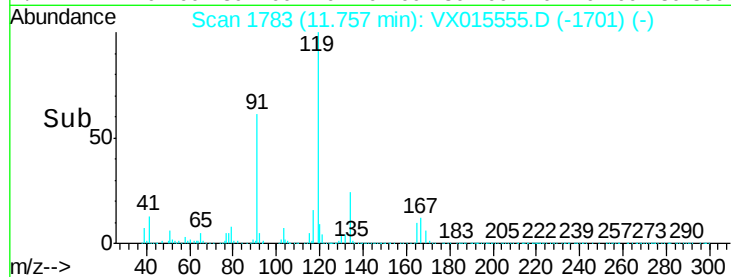
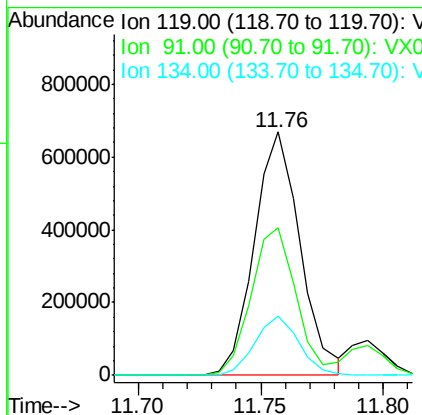
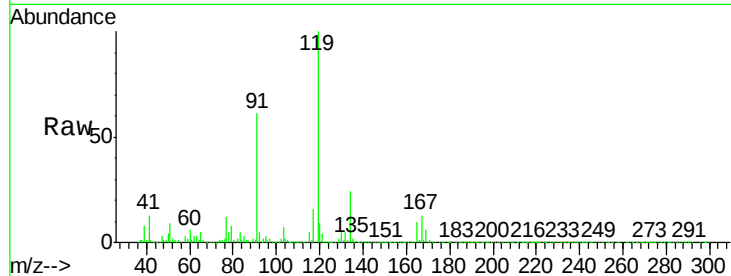
#79
tert-butylbenzene
Concen: 18.795 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	876434		
91	58.9	0.0	115.8	
134	23.3	0.0	47.0	

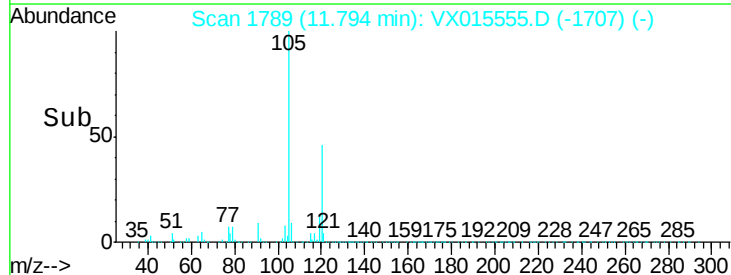
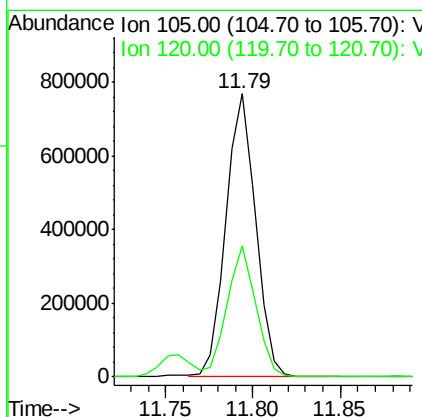
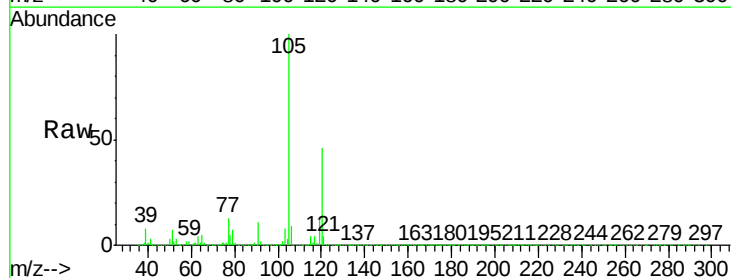
Manual Integrations
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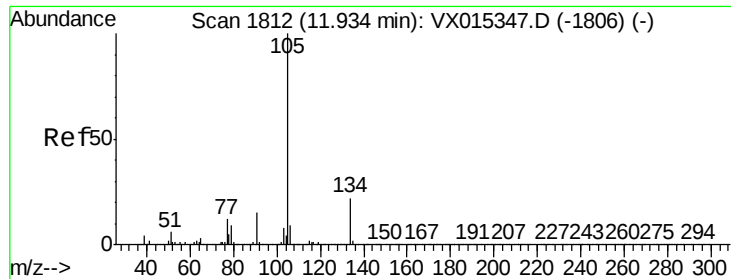
MMDadoda
4/8/2020 11:13:16 AM



#80
1,2,4-Trimethylbenzene
Concen: 19.265 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	910528		
120	44.8	0.0	91.0	





#81

sec-Butylbenzene

Concen: 19.216 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 1027872

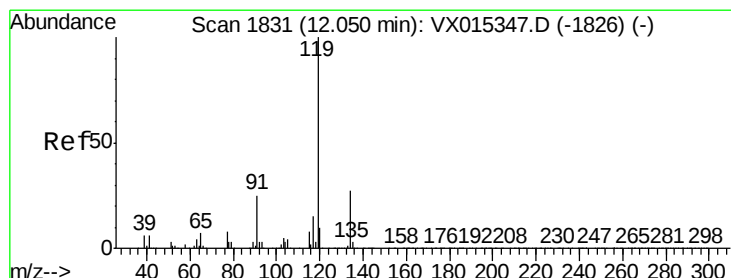
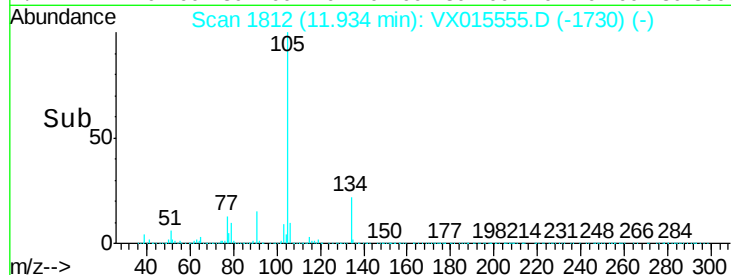
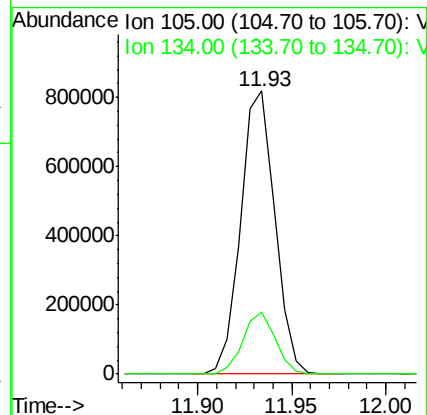
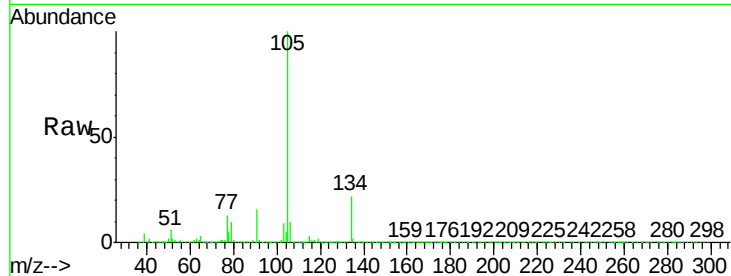
Ion Ratio Lower Upper

105 100

134 20.8 0.0 41.6

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#82

p-Isopropyltoluene

Concen: 19.111 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

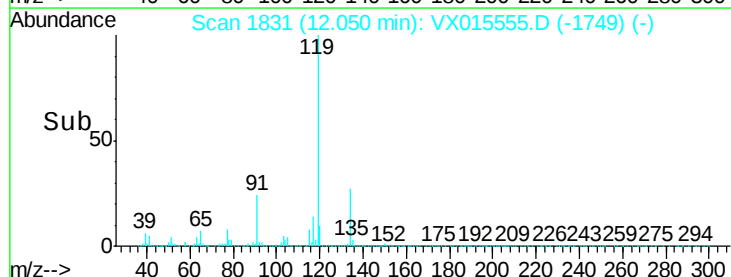
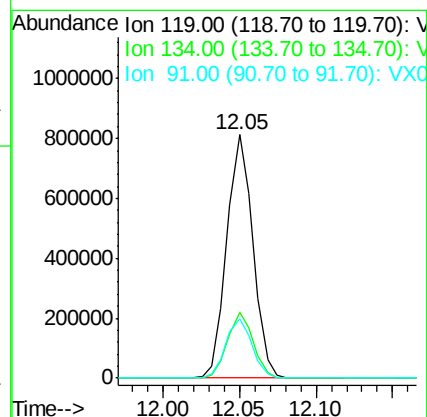
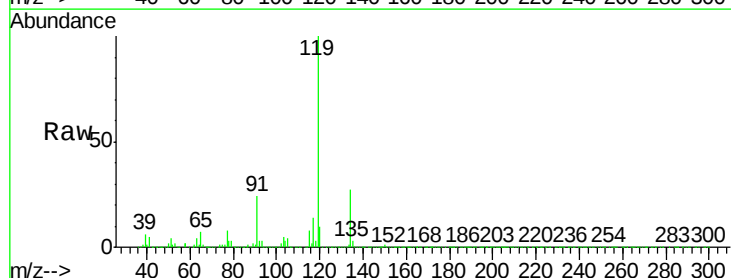
Tgt Ion:119 Resp: 963522

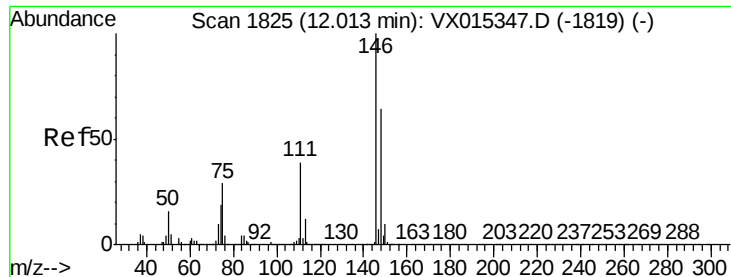
Ion Ratio Lower Upper

119 100

134 26.5 0.0 53.2

91 24.4 0.0 48.2





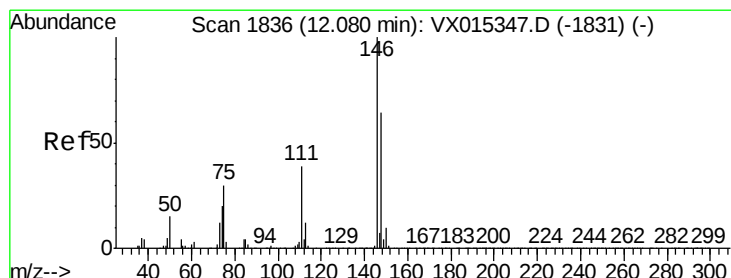
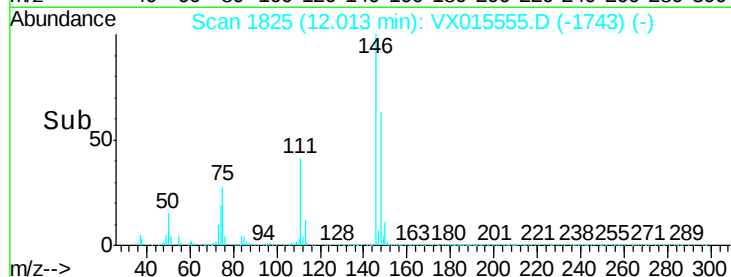
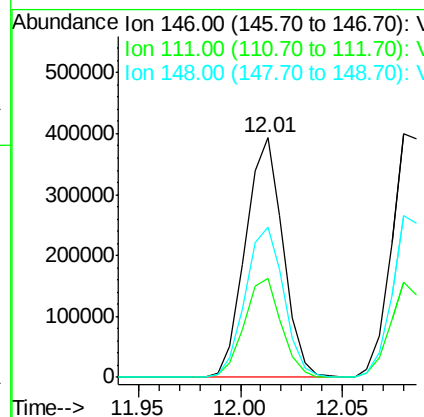
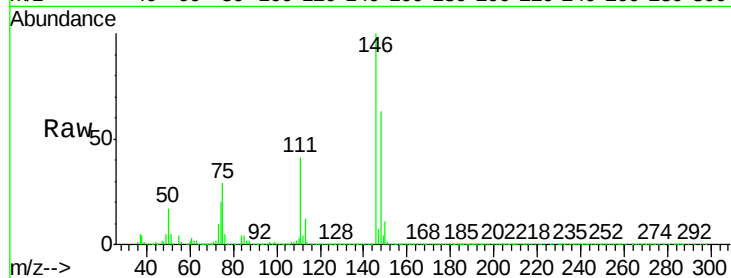
#83
 1,3-Dichlorobenzene
 Concen: 19.078 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	64.3	31.4	94.2

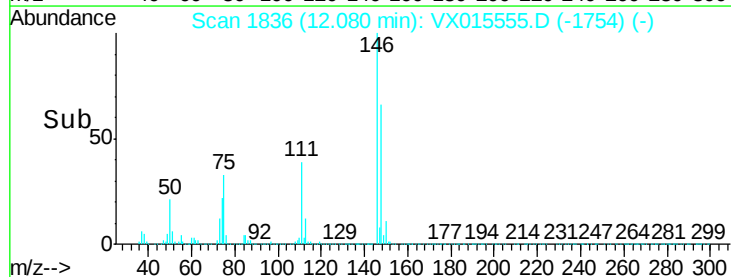
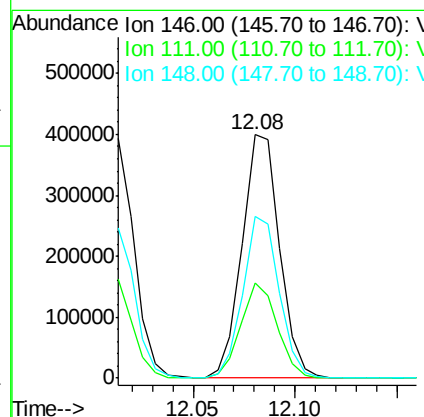
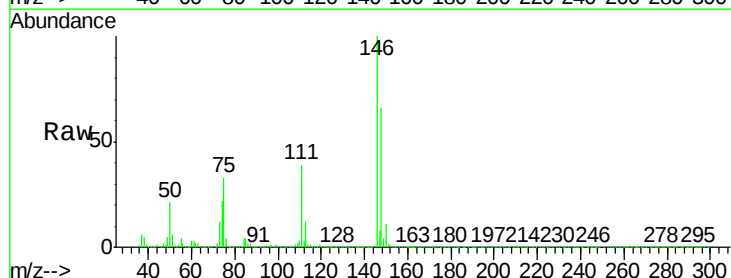
Manual Integrations
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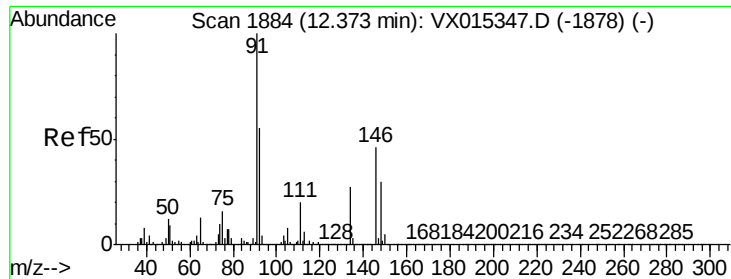
MMDadoda
 4/8/2020 11:13:16 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.536 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. 0.00 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.9	56.9
148	64.3	31.4	94.3





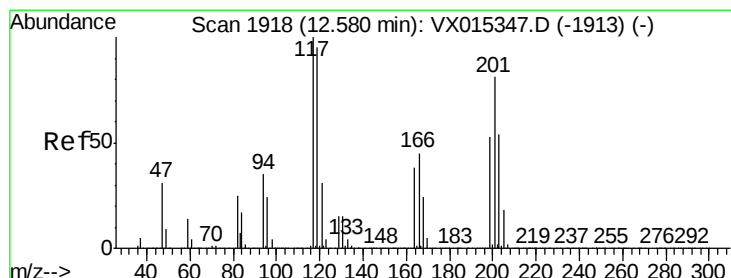
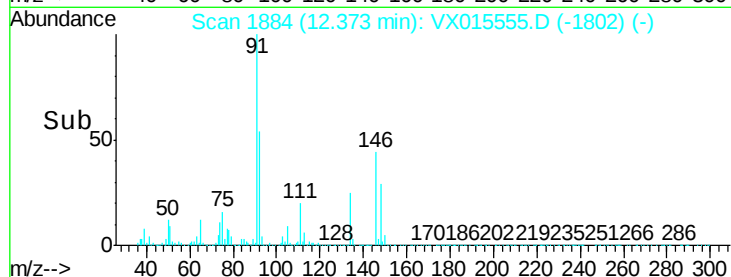
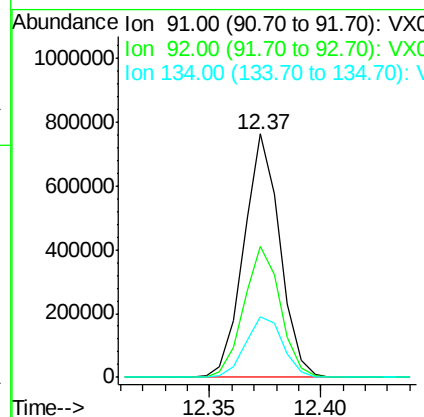
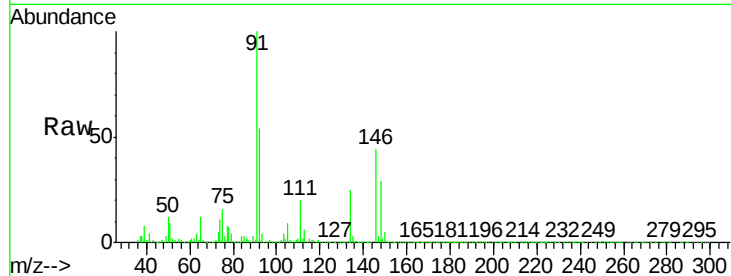
#85
n-Butylbenzene
Concen: 19.120 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	859198		
92	54.6	0.0	109.0	
134	26.1	0.0	54.0	

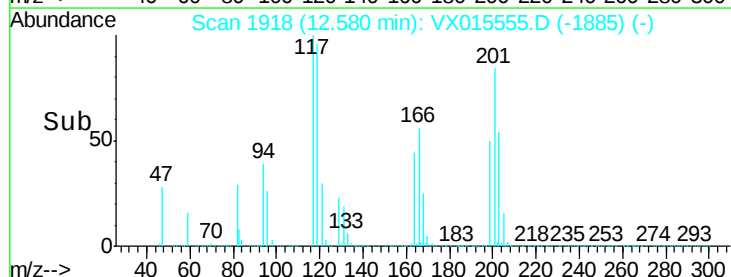
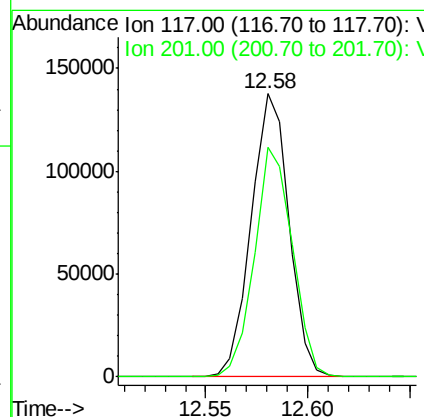
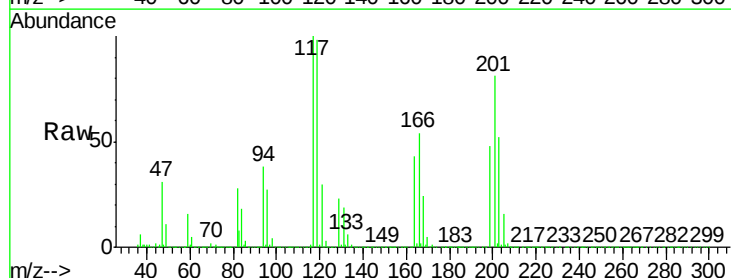
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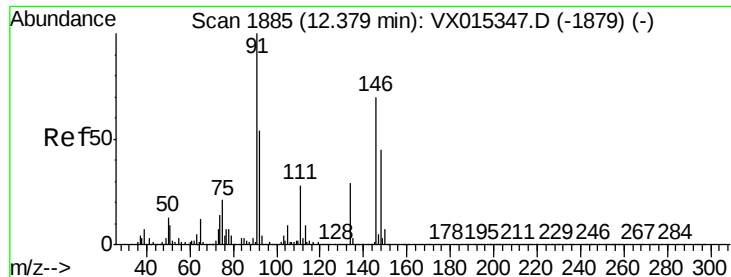
MMDadoda
4/8/2020 11:13:16 AM



#86
Hexachloroethane
Concen: 18.169 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	177045		
201	82.0	44.9	134.5	





#87

1,2-Dichlorobenzene

Concen: 18.723 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Instrument :

MSVOA_X

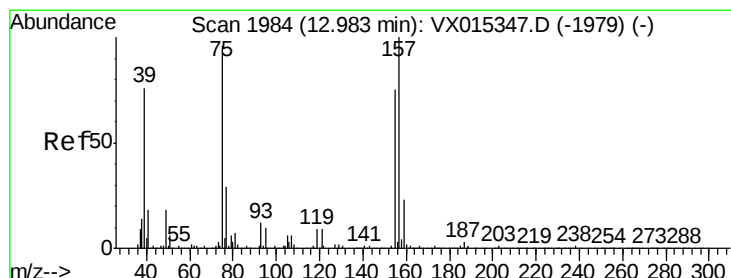
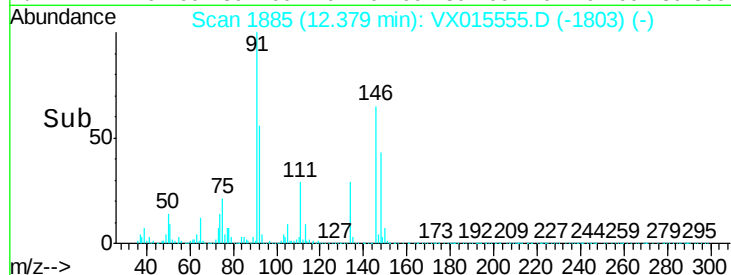
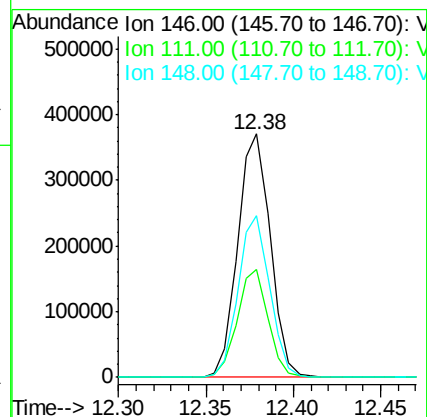
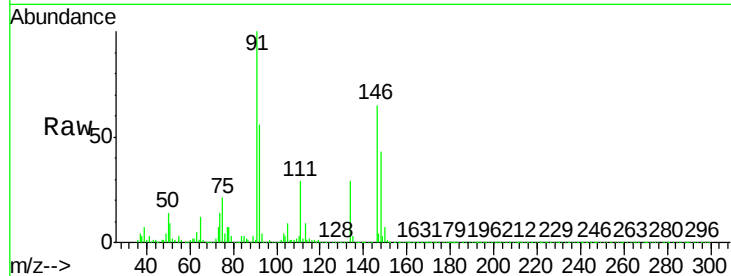
ClientSampled :

VSTDCCC020EC

Tot Ion:	146	Resp:	479026
Ion Ratio	Lower	Upper	
146	100		
111	42.2	20.4	61.2
148	64.7	31.9	95.9

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4/8/2020 11:13:16 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.548 ug/l

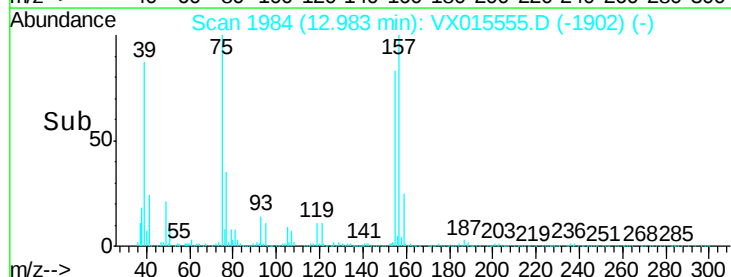
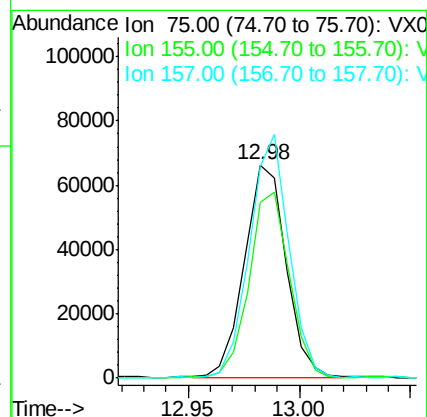
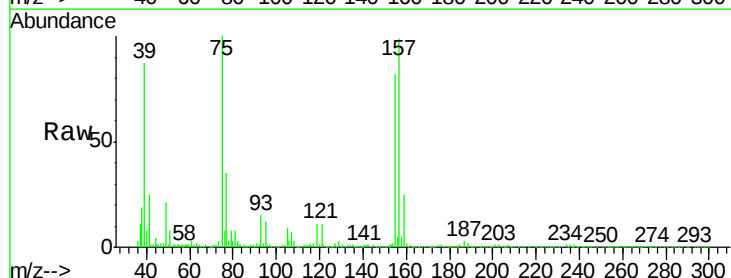
RT: 12.98 min Scan# 1984

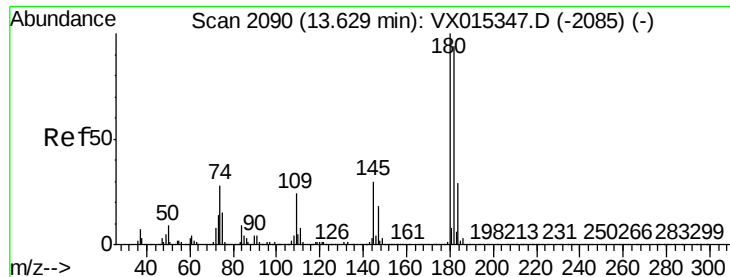
Delta R.T. 0.00 min

Lab File: VX015555.D

Acq: 07 Apr 2020 21:41

Tgt Ion:	75	Resp:	86031
Ion Ratio	Lower	Upper	
75	100		
155	84.9	67.7	101.5
157	108.2	88.5	132.7





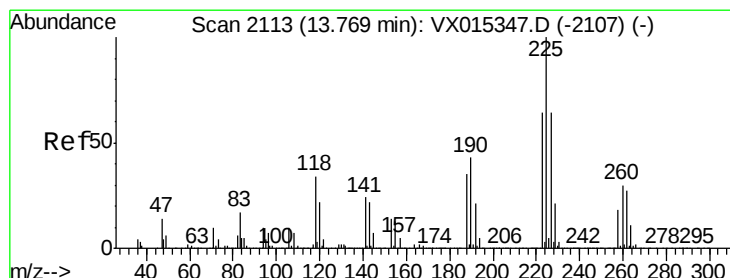
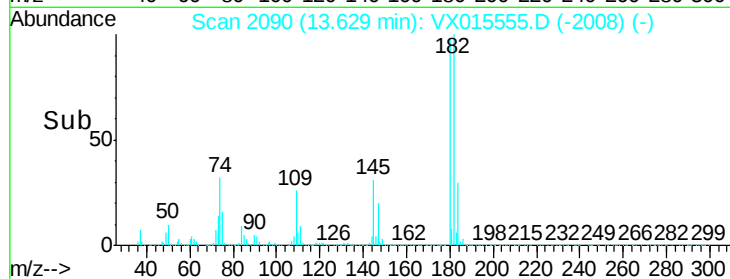
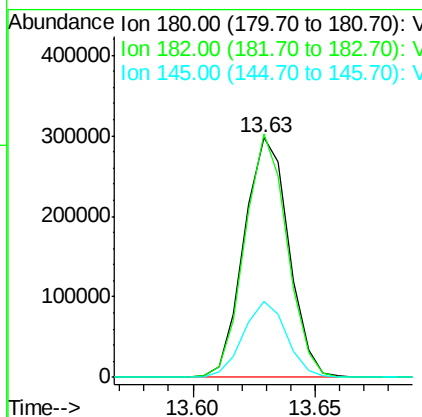
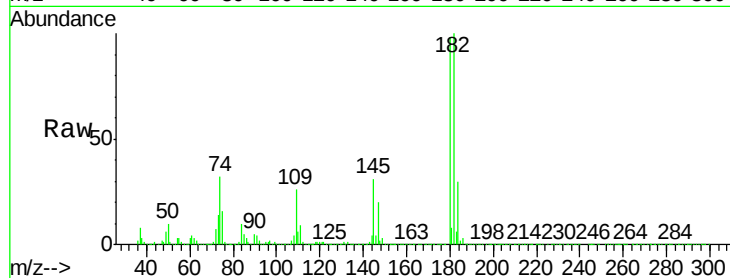
#89
 1,2,4-Trichlorobenzene
 Concen: 18.263 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	376396		
182	96.4	76.9	115.3	
145	30.8	24.3	36.5	

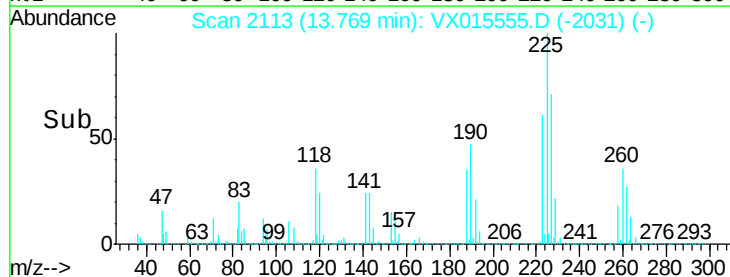
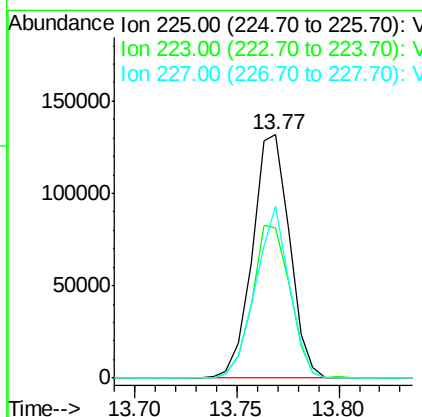
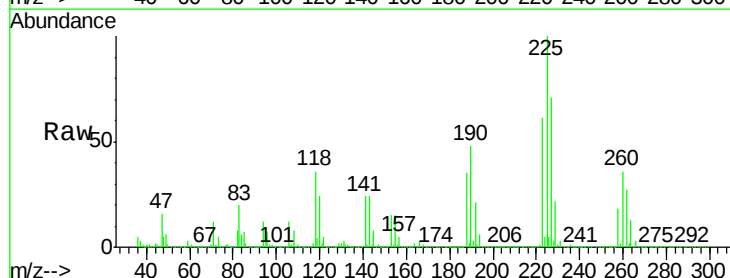
Manual Integrations
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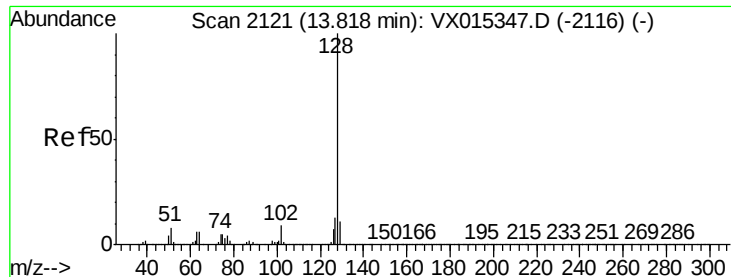
MMDadoda
 4/8/2020 11:13:16 AM



#90
 Hexachlorobutadiene
 Concen: 15.417 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015555.D
 Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	167389		
223	63.6	0.0	127.0	
227	64.5	0.0	126.8	





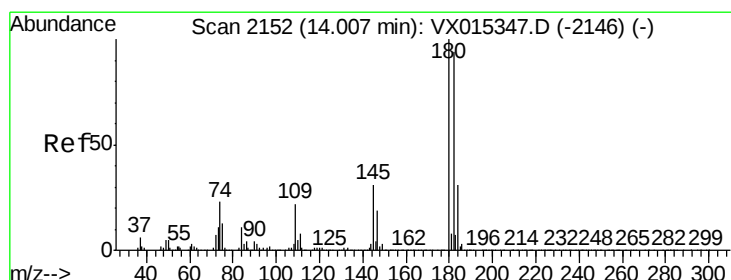
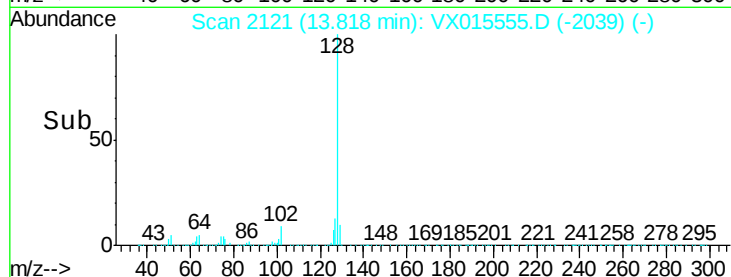
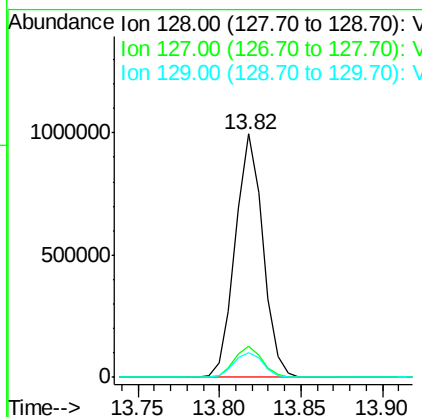
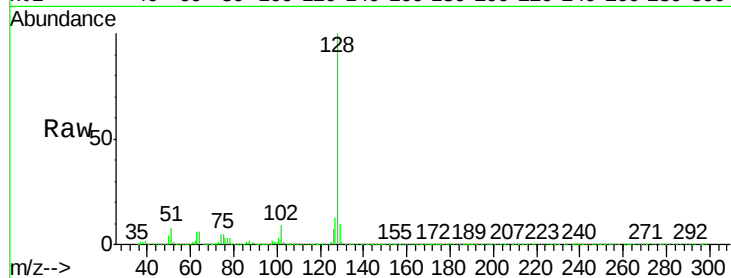
#91
Naphthalene
Concen: 19.686 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.6	8.9	13.3

Manual Integrations
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4/8/2020 11:13:16 AM



#92
1,2,3-Trichlorobenzene
Concen: 18.934 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015555.D
Acq: 07 Apr 2020 21:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.9	0.0	191.0
145	30.9	0.0	62.2

