

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015809.D
 Acq On : 21 Apr 2020 20:48
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:02:01 AM

Quant Time: Apr 22 06:37:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	881515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1376626	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1301960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	703781	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	592307	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
35) Dibromofluoromethane	5.47	113	473105	53.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.52%	
50) Toluene-d8	8.70	98	1791735	55.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.60%	
62) 4-Bromofluorobenzene	11.12	95	744501	56.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	308106	39.672	ug/l	100
3) Chloromethane	1.31	50	376255	38.043	ug/l	97
4) Vinyl Chloride	1.39	62	433912	47.780	ug/l	98
5) Bromomethane	1.62	94	156936	35.074	ug/l	98
6) Chloroethane	1.71	64	271626	48.226	ug/l	98
7) Trichlorofluoromethane	1.92	101	600356	49.294	ug/l	97
8) Diethyl Ether	2.17	74	267586	52.090	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	411921	51.882	ug/l	97
10) Methyl Iodide	2.49	142	396917	37.079	ug/l	95
11) Tert butyl alcohol	3.01	59	627923	211.005	ug/l	100
12) 1,1-Dichloroethene	2.36	96	419609	50.419	ug/l	98
13) Acrolein	2.28	56	419687	247.576	ug/l	99
14) Allyl chloride	2.71	41	922921	47.461	ug/l	95
15) Acrylonitrile	3.12	53	1494831	263.398	ug/l	98
16) Acetone	2.42	43	1296948	242.810	ug/l	95
17) Carbon Disulfide	2.55	76	1081798	42.610	ug/l	98
18) Methyl Acetate	2.75	43	806898	59.188	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1666885	51.642	ug/l	100
20) Methylene Chloride	2.84	84	508009	50.918	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	465275	50.375	ug/l	97
22) Diisopropyl ether	3.83	45	1803179	52.329	ug/l	87
23) Vinyl Acetate	3.79	43	7675860	246.031	ug/l	99
24) 1,1-Dichloroethane	3.67	63	923162	50.883	ug/l	99
25) 2-Butanone	4.64	43	2107608	245.352	ug/l	100
26) 2,2-Dichloropropane	4.56	77	727377	48.844	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	568448	53.196	ug/l	95
28) Bromochloromethane	4.98	49	390996	45.138	ug/l	94
29) Tetrahydrofuran	5.09	42	1349819	244.428	ug/l	96
30) Chloroform	5.18	83	915288	52.437	ug/l	96
31) Cyclohexane	5.56	56	784772	49.862	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	803582	50.870	ug/l	98
36) 1,1-Dichloropropene	5.78	75	660018	52.035	ug/l	99
37) Ethyl Acetate	4.80	43	816766	49.454	ug/l	99
38) Carbon Tetrachloride	5.76	117	669492	48.732	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	776908	53.123	ug/l	95
40) Benzene	6.12	78	2011440	54.136	ug/l	99
41) Methacrylonitrile	5.01	41	487411	53.164	ug/l	97
42) 1,2-Dichloroethane	6.17	62	742029	49.719	ug/l	97
43) Isopropyl Acetate	6.42	43	1432622	51.385	ug/l	98
44) Trichloroethene	7.19	130	681606	67.265	ug/l	93
45) 1,2-Dichloropropane	7.50	63	554961	54.600	ug/l	96
46) Dibromomethane	7.64	93	362857	54.422	ug/l	94
47) Bromodichloromethane	7.88	83	741549	52.196	ug/l	97
48) Methyl methacrylate	7.75	41	712506	51.165	ug/l	94
49) 1,4-Dioxane	7.72	88	237844	915.543	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	4261370	269.704	ug/l	98
52) Toluene	8.77	92	1304000	56.926	ug/l	97
53) t-1,3-Dichloropropene	9.03	75	886334	53.194	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	925042	54.500	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	544126	57.977	ug/l	97
56) Ethyl methacrylate	9.16	69	914487	55.289	ug/l	94
57) 1,3-Dichloropropane	9.36	76	917509	54.261	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2018817	250.935	ug/l	99
59) 2-Hexanone	9.48	43	3198137	268.102	ug/l	96
60) Dibromochloromethane	9.57	129	595060	52.765	ug/l	98
61) 1,2-Dibromoethane	9.66	107	566259	55.489	ug/l	97
64) Tetrachloroethene	9.32	164	907756	92.387	ug/l	94
65) Chlorobenzene	10.12	112	1461284	56.279	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	567371	54.696	ug/l	98
67) Ethyl Benzene	10.24	91	2520924	54.742	ug/l	100
68) m/p-Xylenes	10.34	106	1891519	110.306	ug/l	98
69) o-Xylene	10.68	106	937338	55.316	ug/l	99
70) Styrene	10.70	104	1660459	55.687	ug/l	98
71) Bromoform	10.84	173	472173	50.002	ug/l #	97
73) Isopropylbenzene	11.01	105	2507197	54.370	ug/l	99
74) N-amyl acetate	10.88	43	1294119	50.458	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	649067	41.020	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	749042m	51.756	ug/l	
77) Bromobenzene	11.24	156	686481	55.811	ug/l	94
78) n-propylbenzene	11.35	91	2836837	53.800	ug/l	100
79) 2-Chlorotoluene	11.41	91	1720896	53.247	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	2125081	53.961	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	300537	49.827	ug/l	95
82) 4-Chlorotoluene	11.50	91	2028073	53.528	ug/l	99
83) tert-Butylbenzene	11.76	119	1919242	49.892	ug/l	94
84) 1,2,4-Trimethylbenzene	11.79	105	2173197	54.151	ug/l	99
85) sec-Butylbenzene	11.93	105	2440408	54.854	ug/l	99
86) p-Isopropyltoluene	12.05	119	2318879	56.145	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1223156	55.548	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1229967	54.838	ug/l	99
89) n-Butylbenzene	12.37	91	2016612	54.031	ug/l	98
90) Hexachloroethane	12.58	117	223117	27.755	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1194415	55.427	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	197775	44.285	ug/l	88

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ClientSampleId :
VSTDCCC050EC

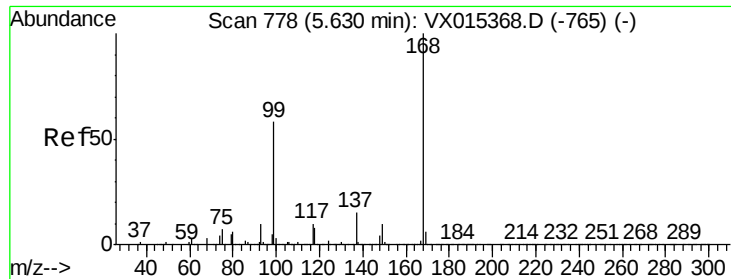
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	963818	56.545	ug/l	97
94) Hexachlorobutadiene	13.77	225	409191	50.421	ug/l	96
95) Naphthalene	13.82	128	2803144	53.913	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	934556	56.947	ug/l	98

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



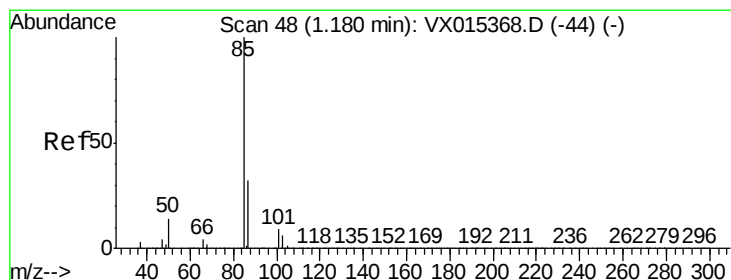
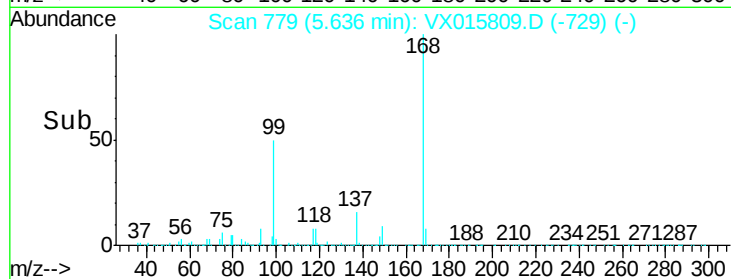
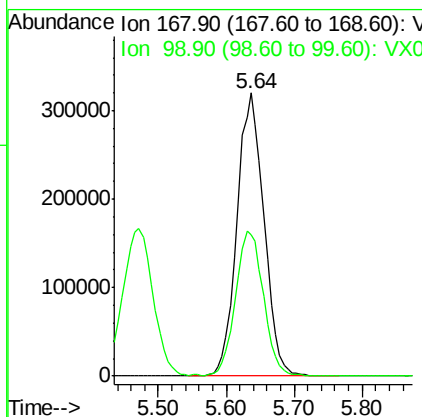
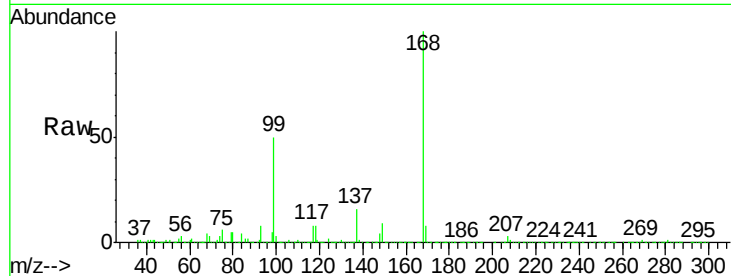
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
168	100	881515		
99	49.5	46.4	69.6	

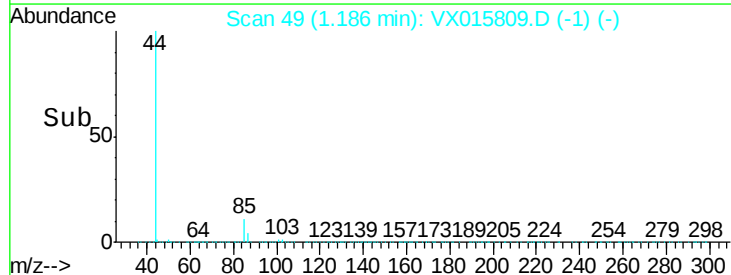
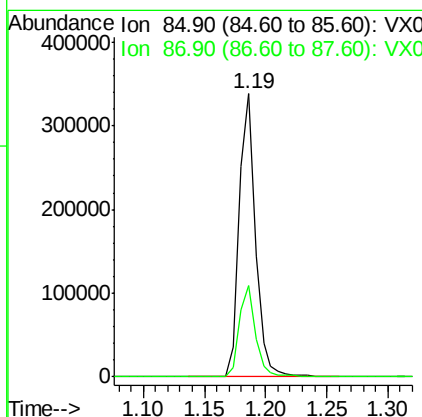
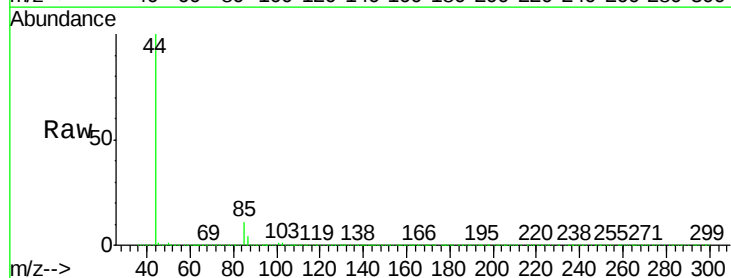
Manual Integrations
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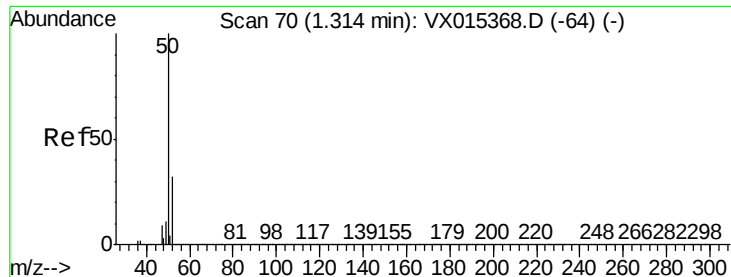
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#2
Dichlorodifluoromethane
Concen: 39.672 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	308106		
87	32.0	16.0	47.9	





#3

Chloromethane

Concen: 38.043 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 376255

Ion Ratio Lower Upper

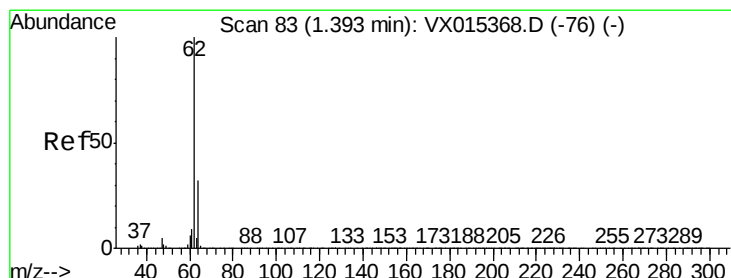
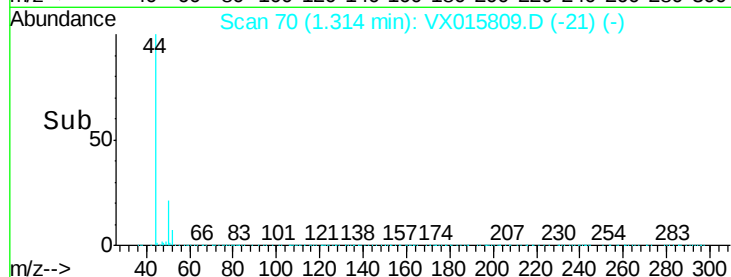
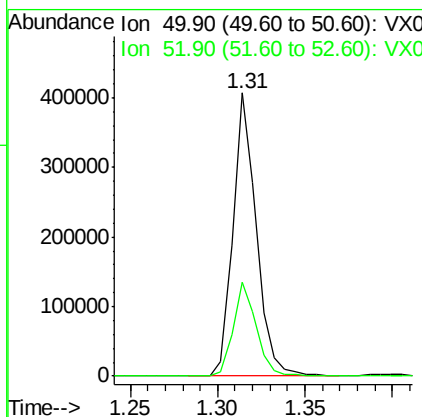
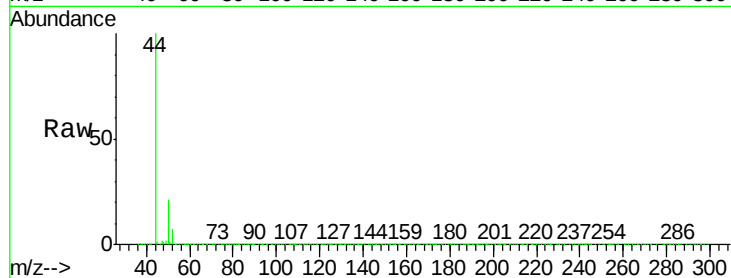
50 100

52 33.3 25.3 37.9

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#4

Vinyl Chloride

Concen: 47.780 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015809.D

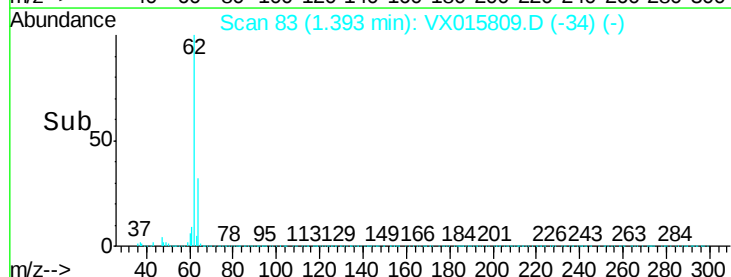
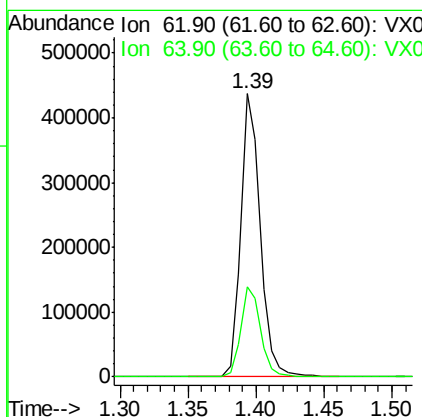
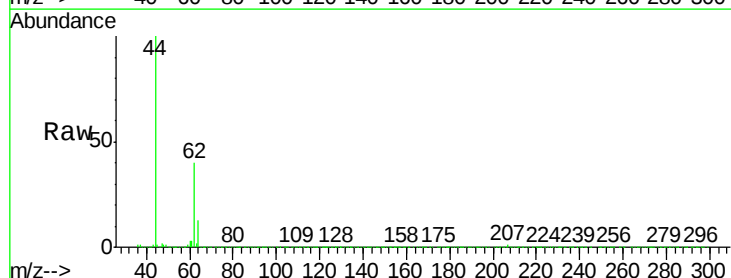
Acq: 21 Apr 2020 20:48

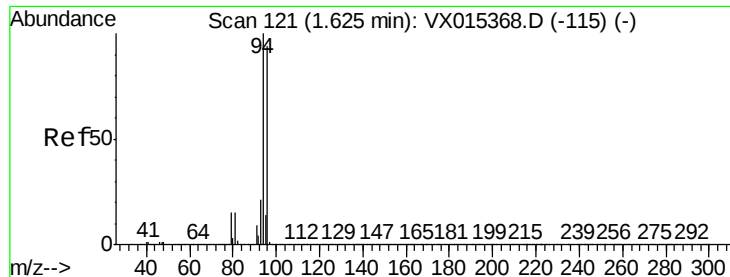
Tgt Ion: 62 Resp: 433912

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 35.074 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 156936

Ion Ratio Lower Upper

94 100

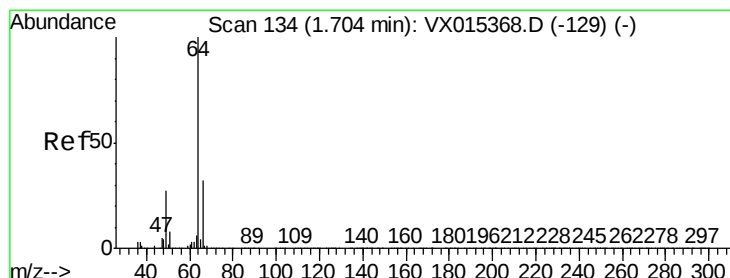
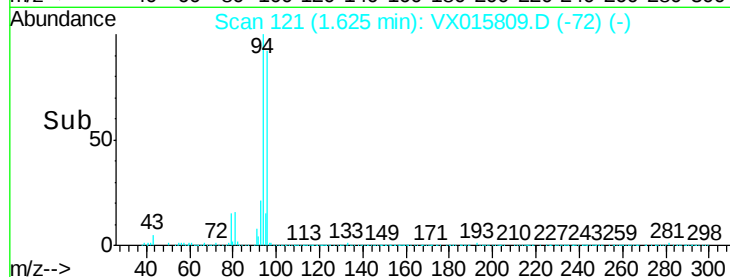
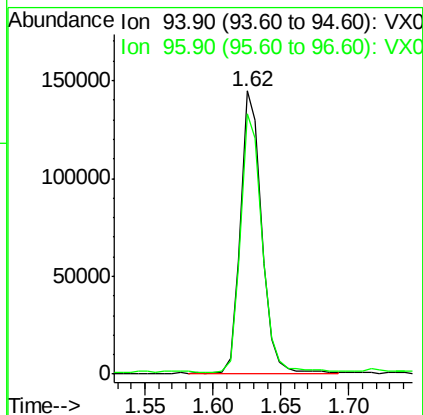
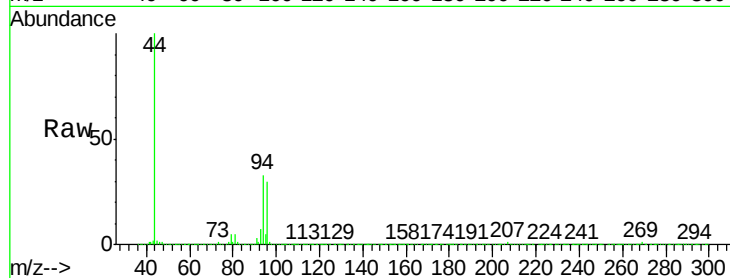
96 91.1 74.8 112.2

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#6

Chloroethane

Concen: 48.226 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015809.D

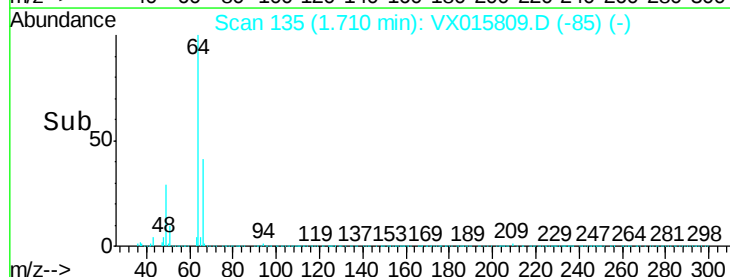
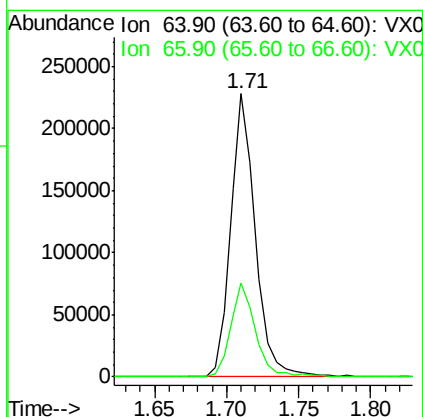
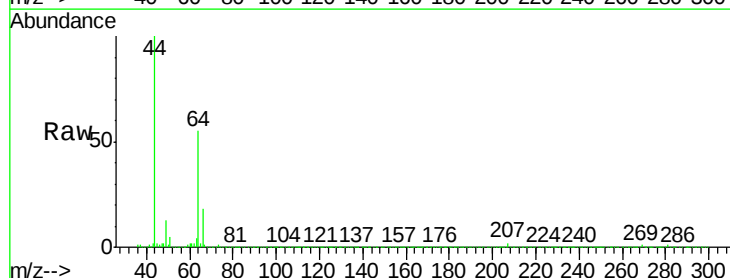
Acq: 21 Apr 2020 20:48

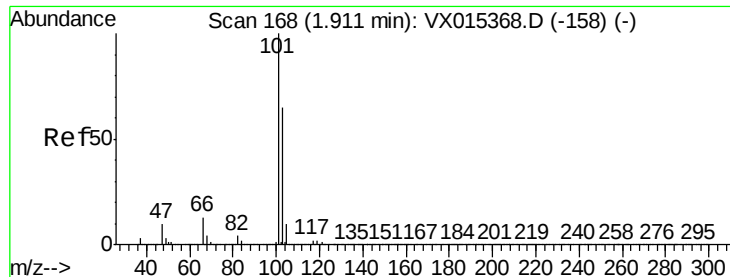
Tgt Ion: 64 Resp: 271626

Ion Ratio Lower Upper

64 100

66 32.7 25.4 38.2





#7

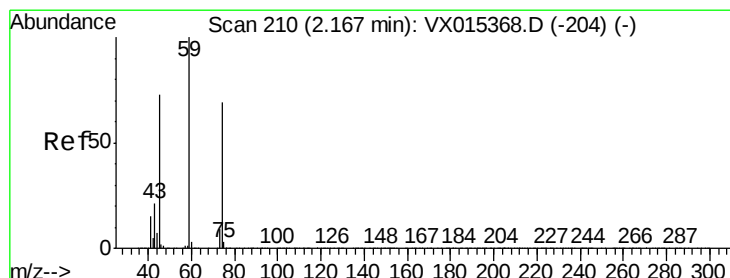
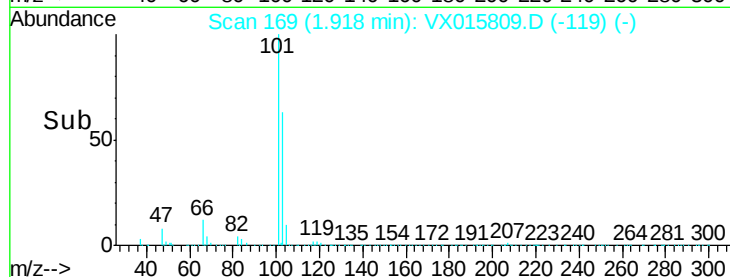
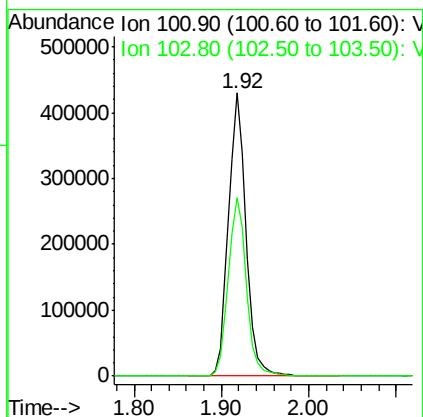
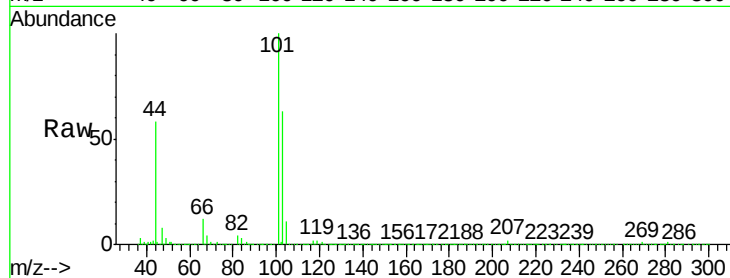
Trichlorofluoromethane
Concen: 49.294 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.8	52.3	78.5

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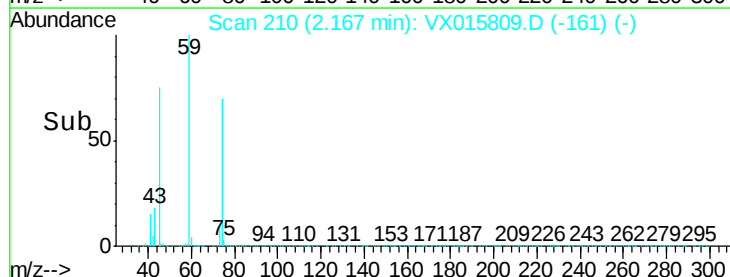
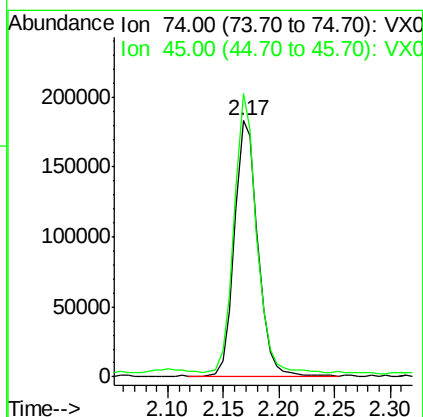
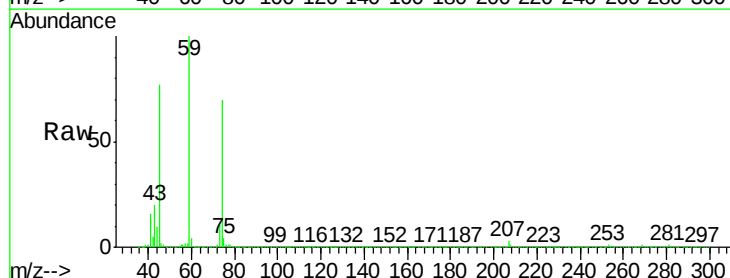
MMDadoda
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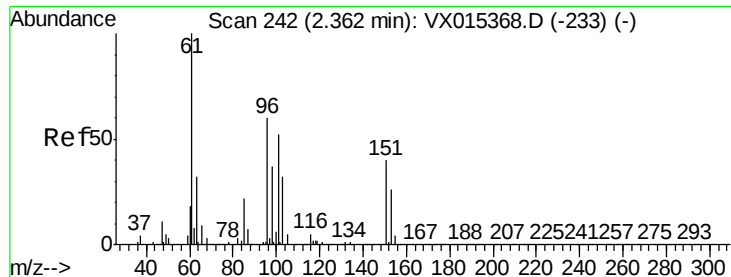


#8

Diethyl Ether
Concen: 52.090 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.1	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.882 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

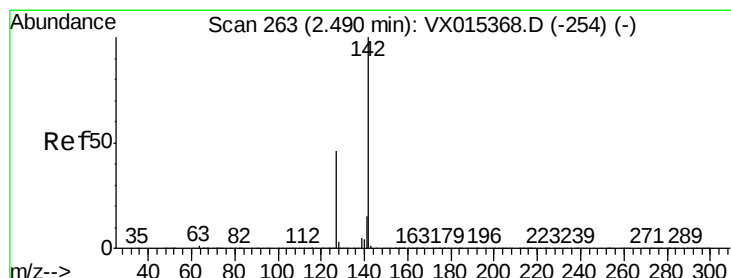
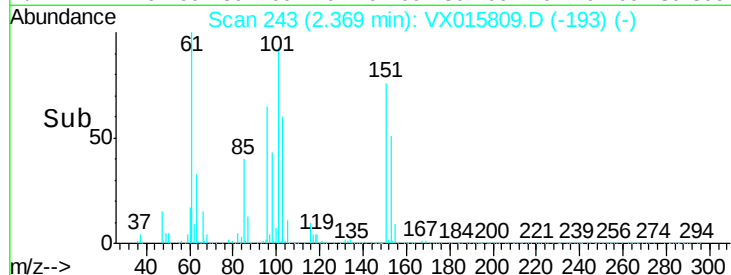
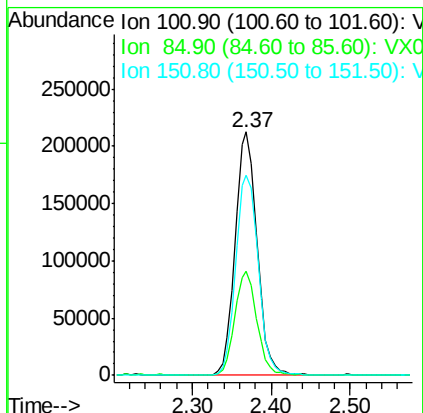
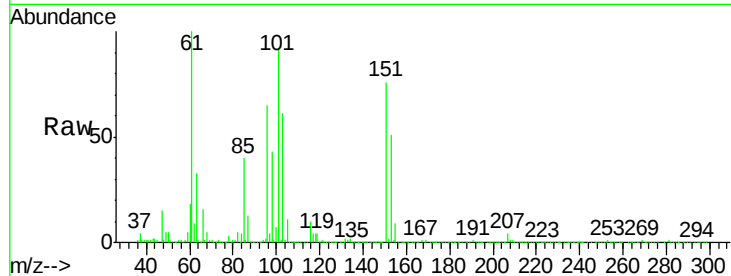
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	411921
Ion Ratio	Lower	Upper	
101	100		
85	42.8	35.0	52.4
151	84.2	64.1	96.1

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#10

Methyl Iodide

Concen: 37.079 ug/l

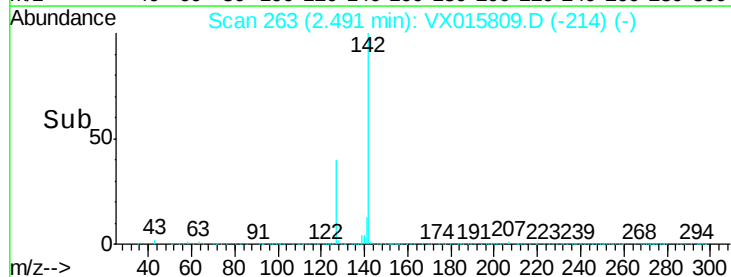
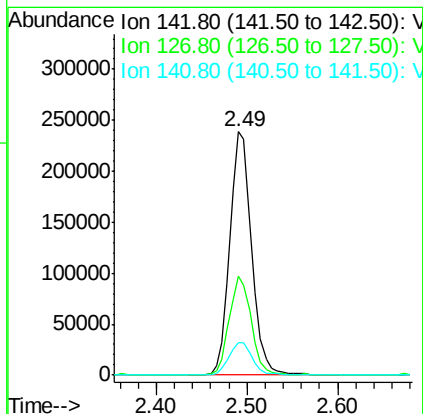
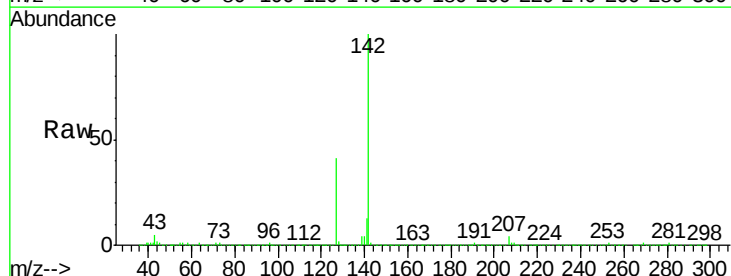
RT: 2.49 min Scan# 263

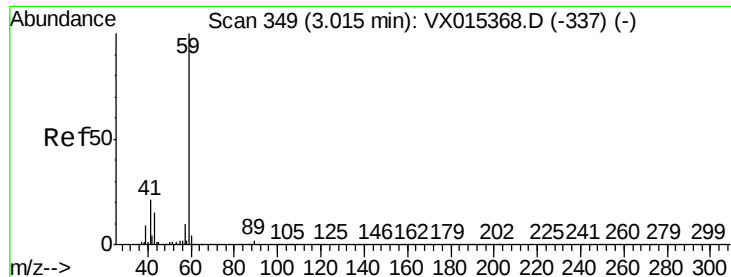
Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion:	142	Resp:	396917
Ion Ratio	Lower	Upper	
142	100		
127	40.8	35.9	53.9
141	14.2	11.6	17.4





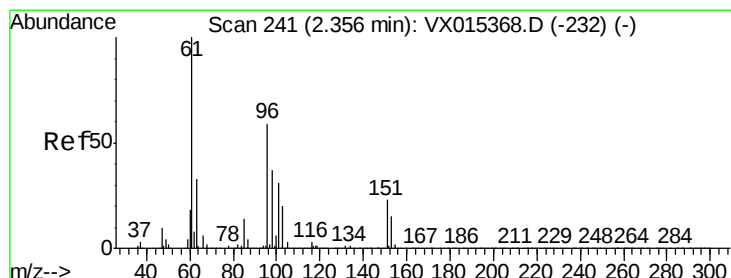
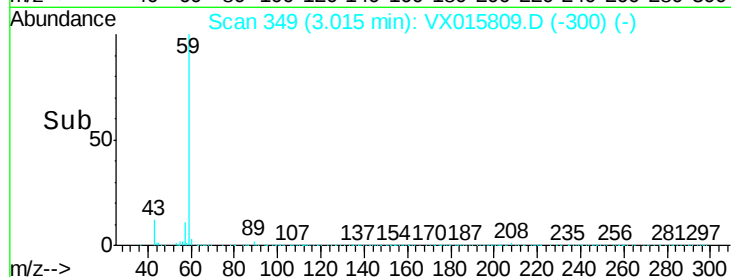
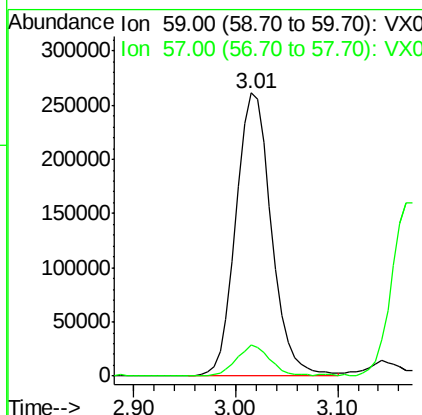
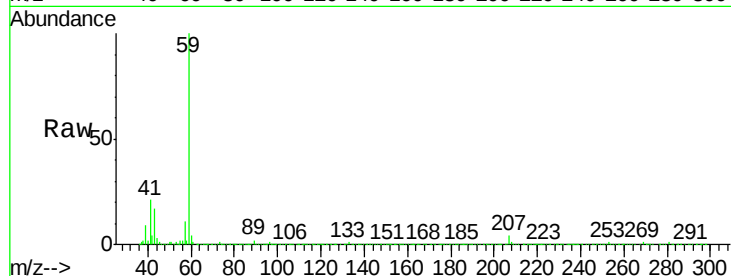
#11
Tert butyl alcohol
Concen: 211.005 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1

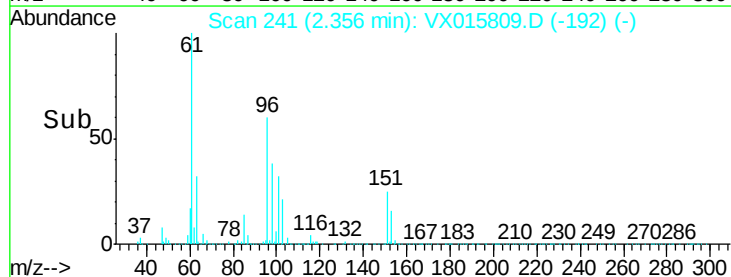
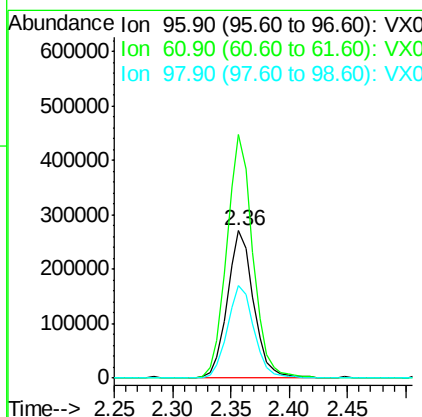
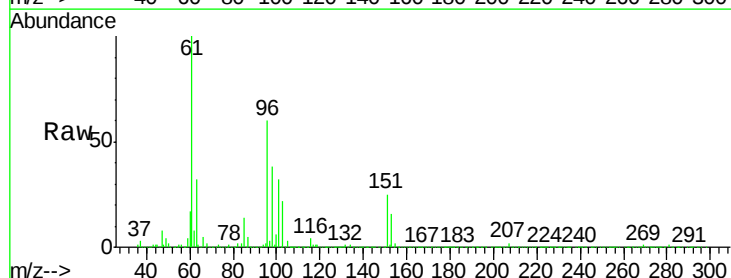
Manual Integrations
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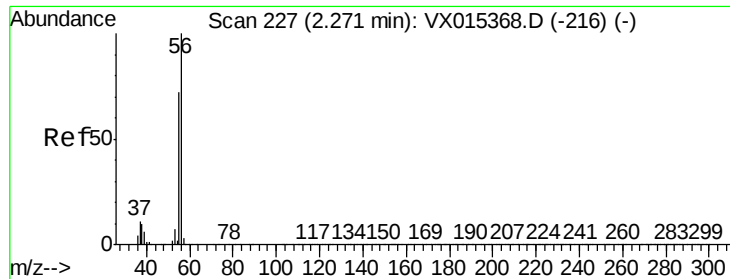
MMDadoda
4/22/2020 10:02:01 AM



#12
1,1-Dichloroethene
Concen: 50.419 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	135.7	203.5
98	63.3	50.6	75.8





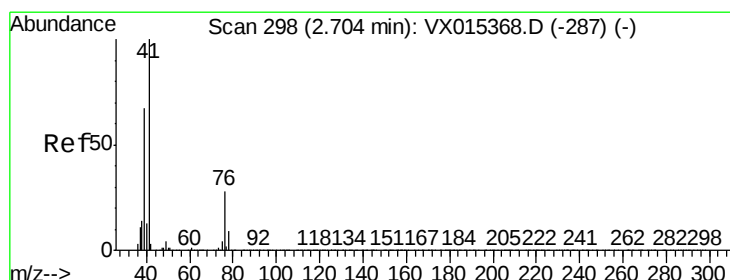
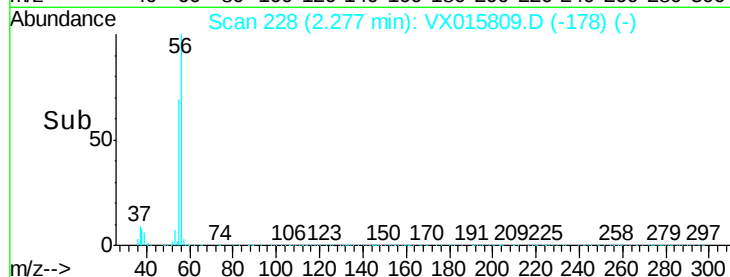
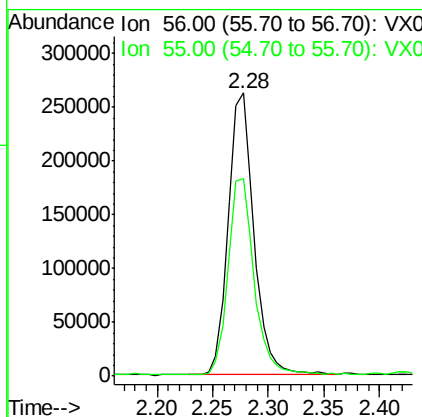
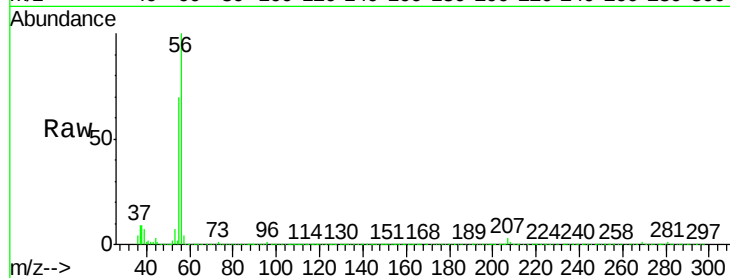
#13
Acrolein
Concen: 247.576 ug/l
RT: 2.28 min Scan# 228
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.0	57.0	85.4

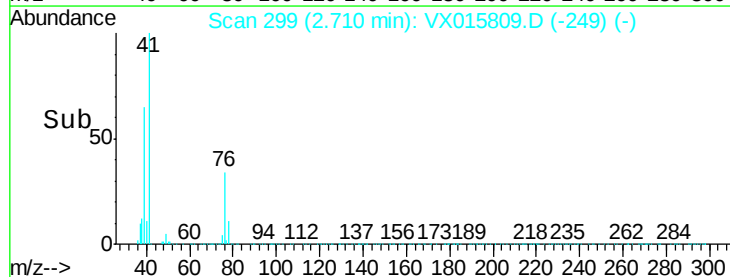
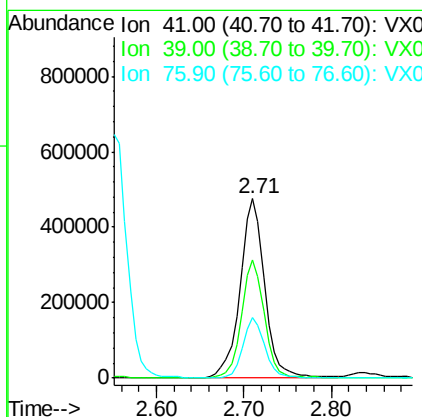
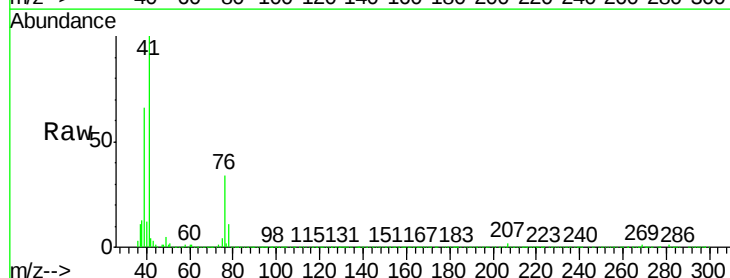
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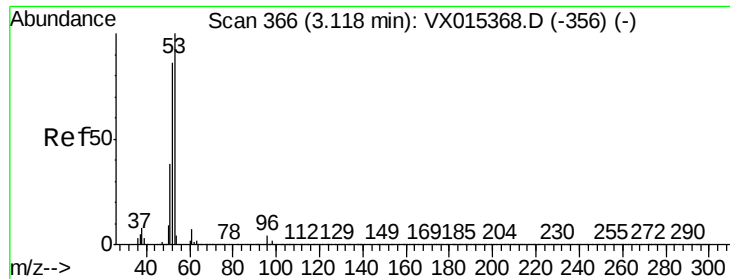
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#14
Allyl chloride
Concen: 47.461 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.8	51.4	77.0
76	29.9	21.8	32.8





#15

Acrylonitrile

Concen: 263.398 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1494831

Ion Ratio Lower Upper

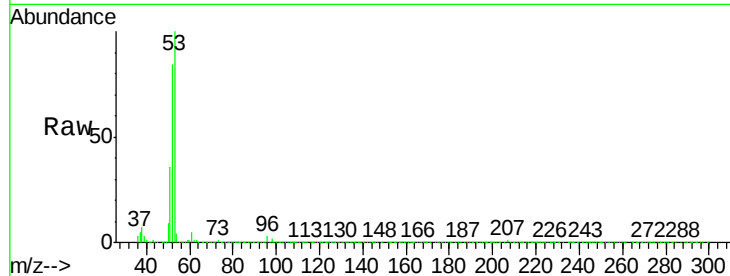
53 100

52 82.3 66.8 100.2

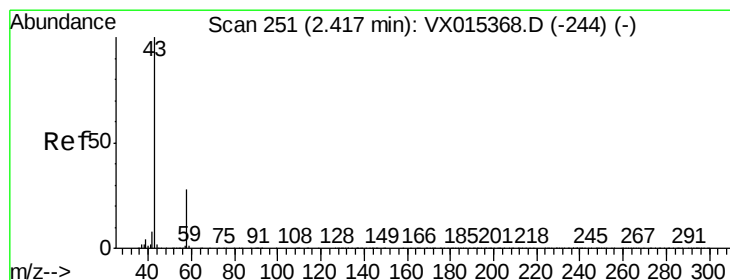
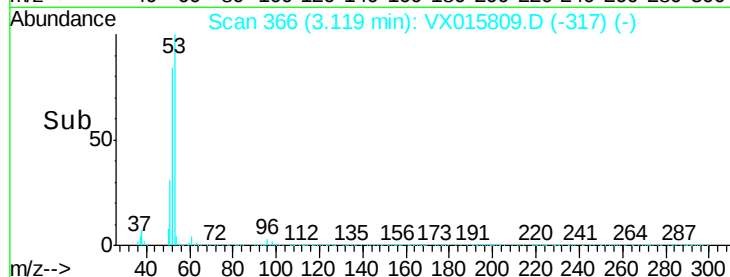
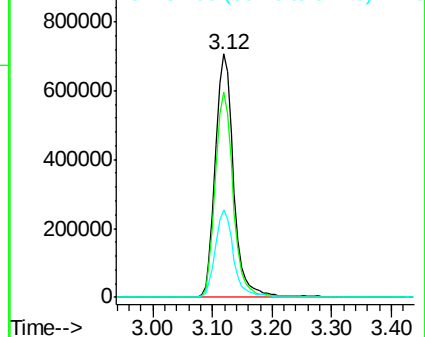
51 35.6 29.5 44.3

Manual Integrations
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Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 242.810 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015809.D

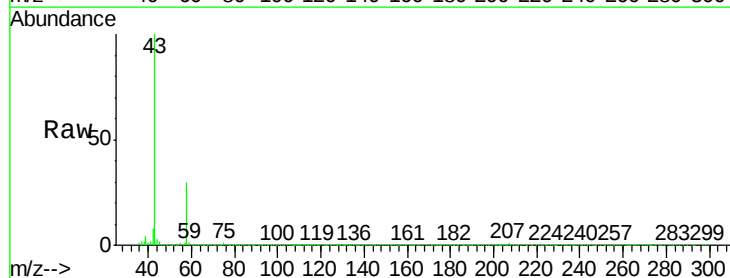
Acq: 21 Apr 2020 20:48

Tgt Ion: 43 Resp: 1296948

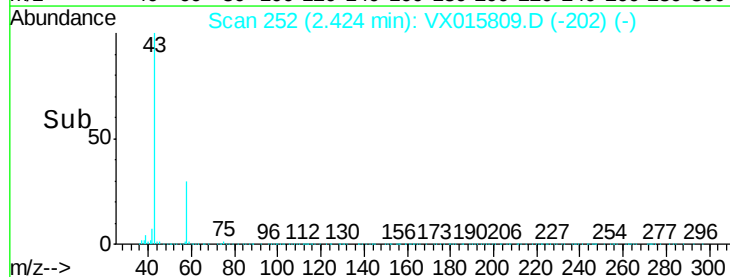
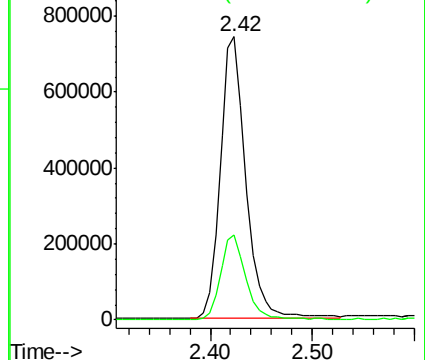
Ion Ratio Lower Upper

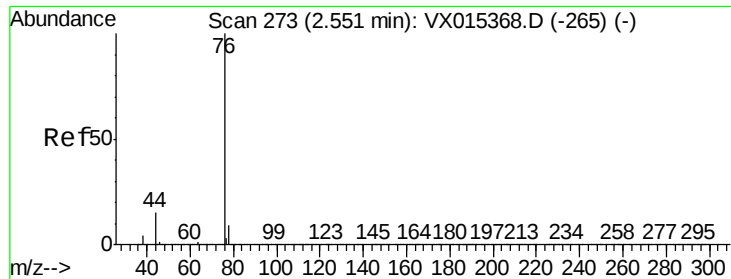
43 100

58 30.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





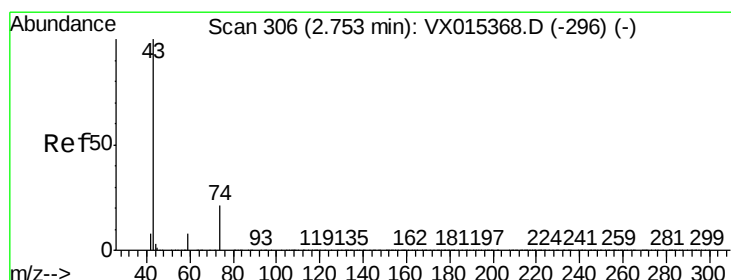
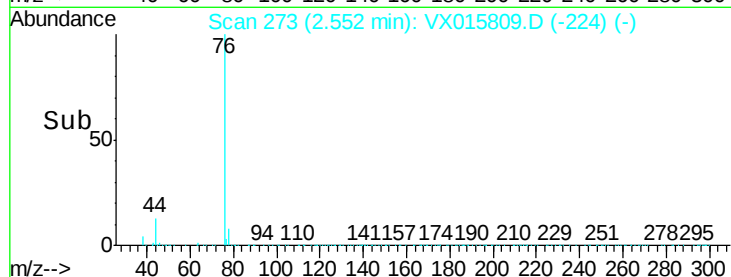
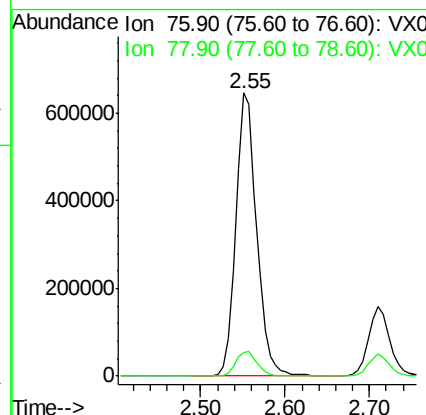
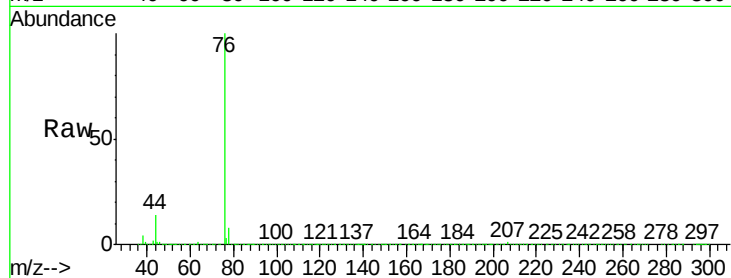
#17
Carbon Disulfide
Concen: 42.610 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	7.1	10.7

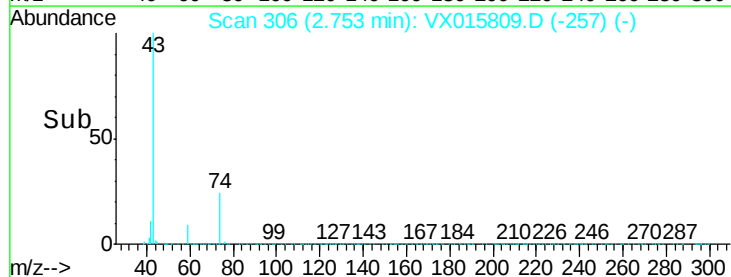
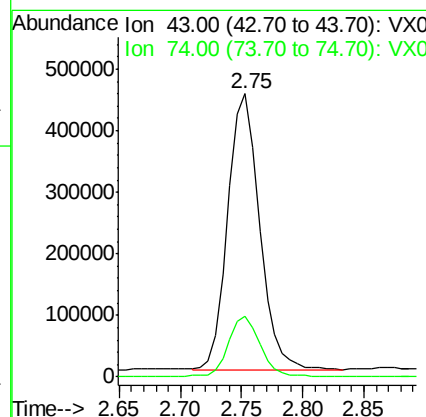
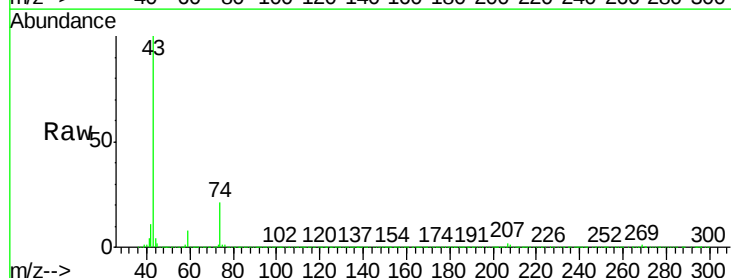
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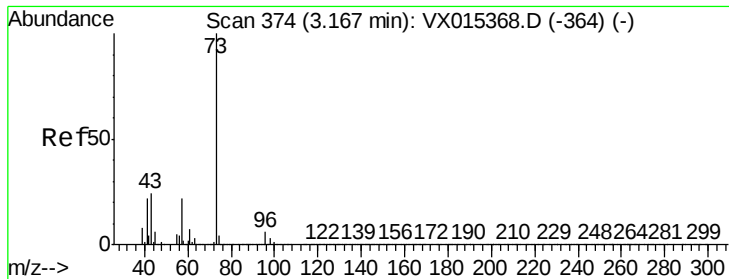
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#18
Methyl Acetate
Concen: 59.188 ug/l
RT: 2.75 min Scan# 306
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.1	16.5	24.7





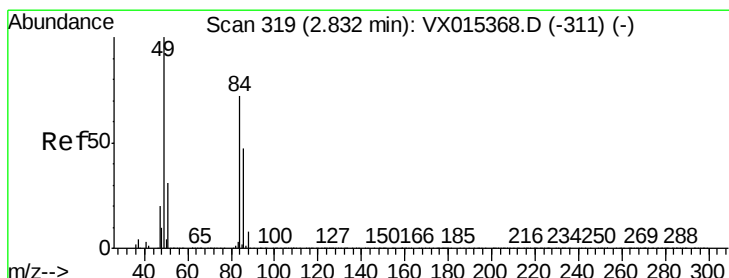
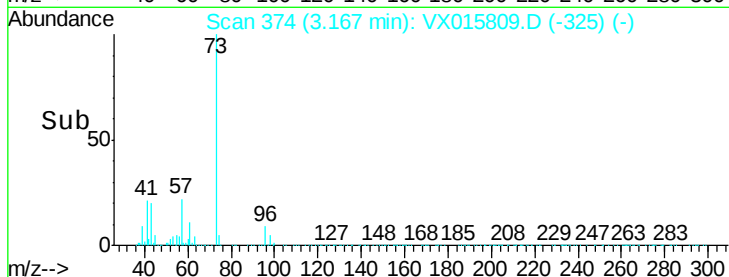
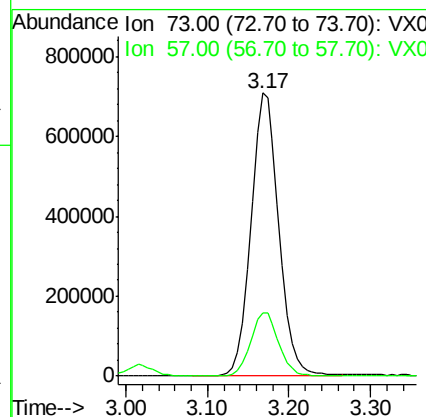
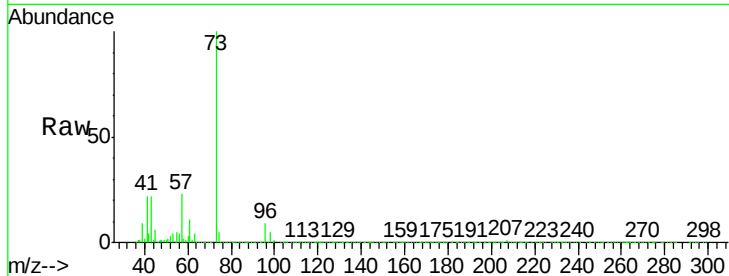
#19
Methyl tert-butyl Ether
Concen: 51.642 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1666885
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9

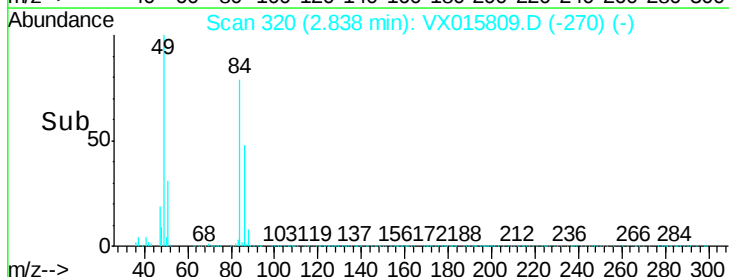
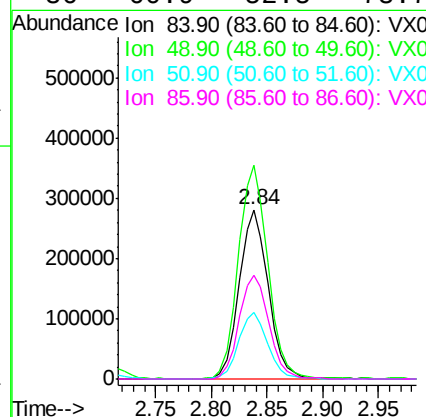
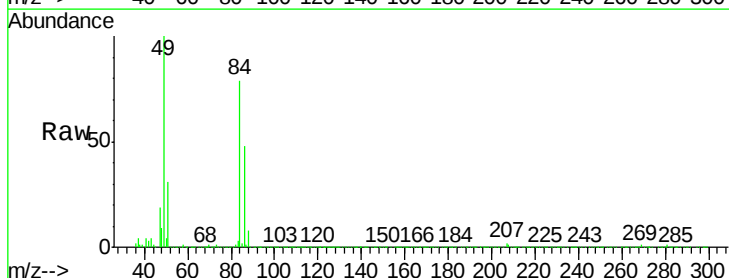
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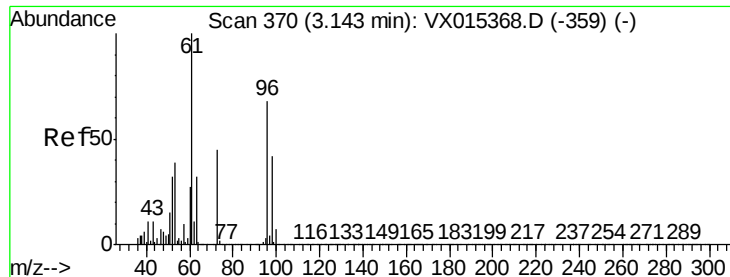
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#20
Methylene Chloride
Concen: 50.918 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 84 Resp: 508009
Ion Ratio Lower Upper
84 100
49 125.9 111.3 166.9
51 38.9 34.0 51.0
86 60.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 50.375 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

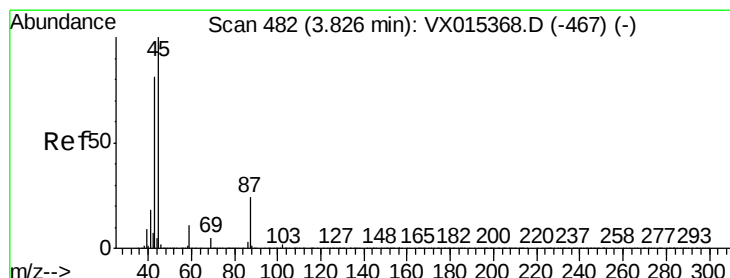
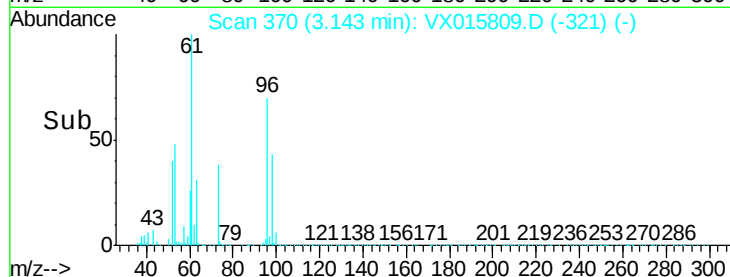
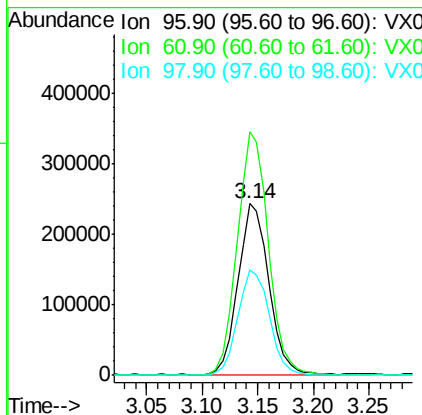
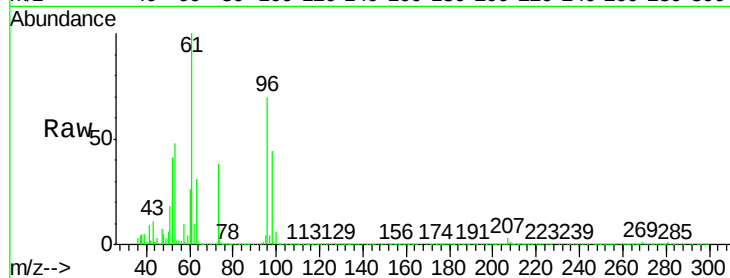
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	465275
Ion Ratio	Lower	Upper	
96	100		
61	142.3	116.9	175.3
98	62.0	48.6	73.0

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#22

Diisopropyl ether

Concen: 52.329 ug/l

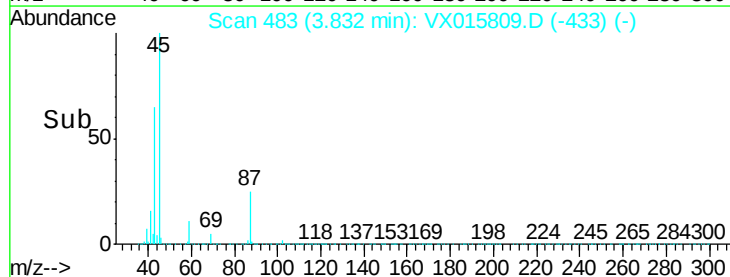
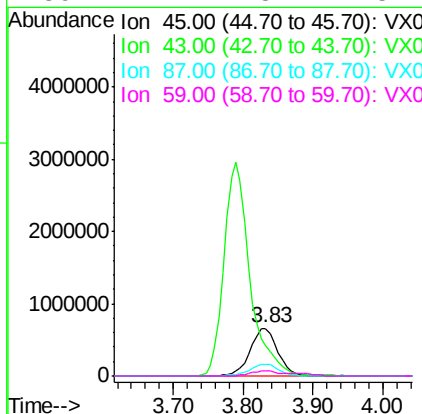
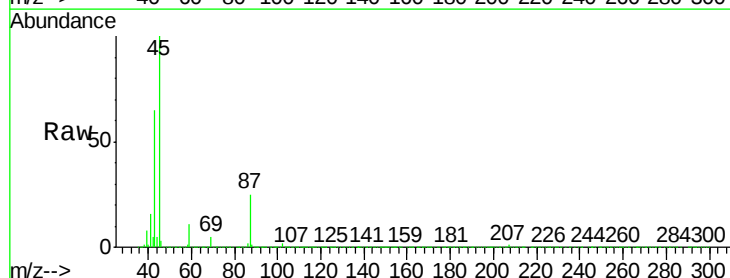
RT: 3.83 min Scan# 483

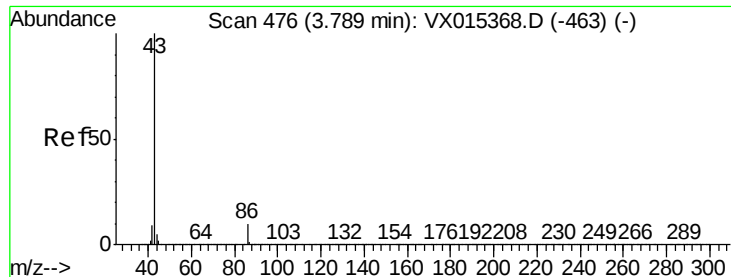
Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion:	45	Resp:	1803179
Ion Ratio	Lower	Upper	
45	100		
43	64.8	64.7	97.1
87	25.3	19.4	29.0
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 246.031 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 7675860

Ion Ratio Lower Upper

43 100

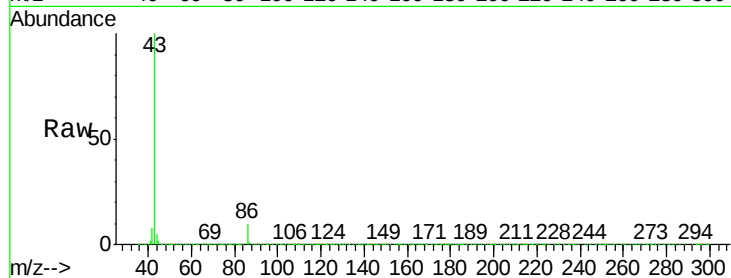
86 9.9 7.8 11.6

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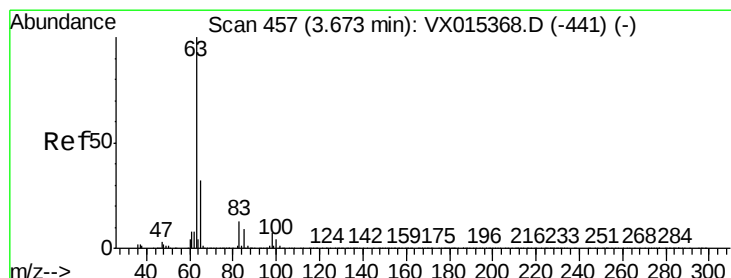
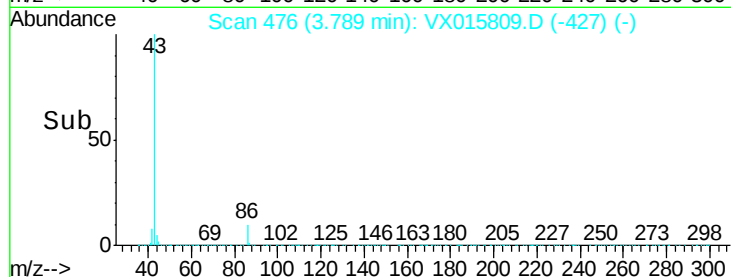
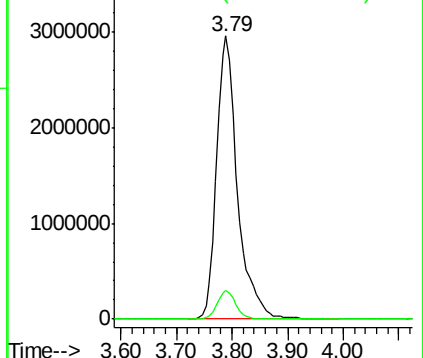
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.883 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

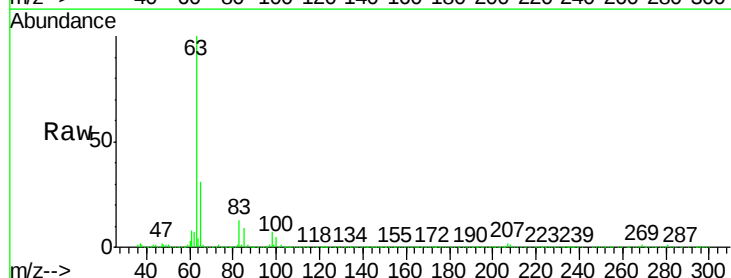
Tgt Ion: 63 Resp: 923162

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

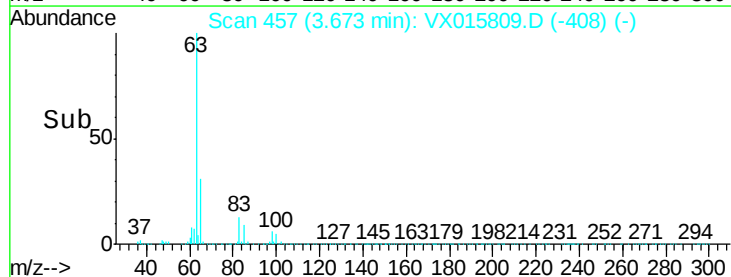
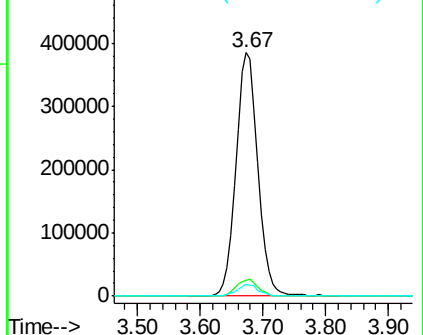
100 4.7 2.1 6.5

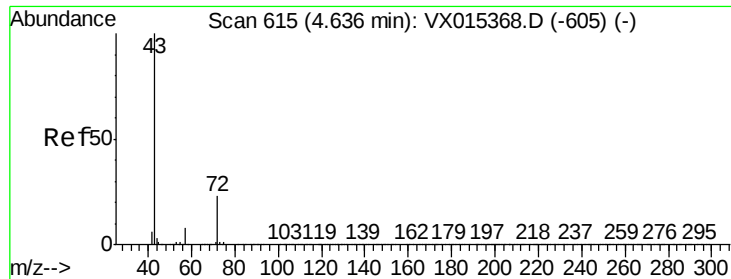


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.352 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tot Ion: 43 Resp: 2107608

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

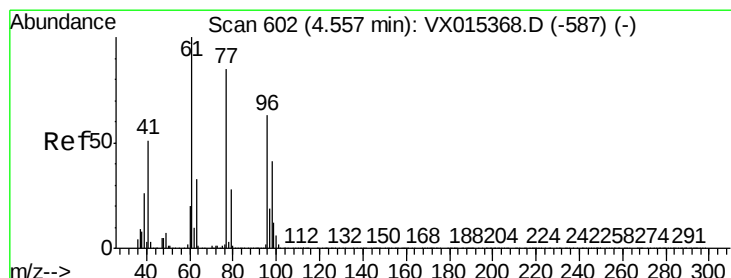
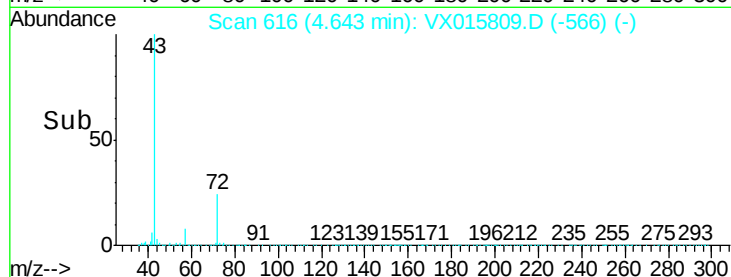
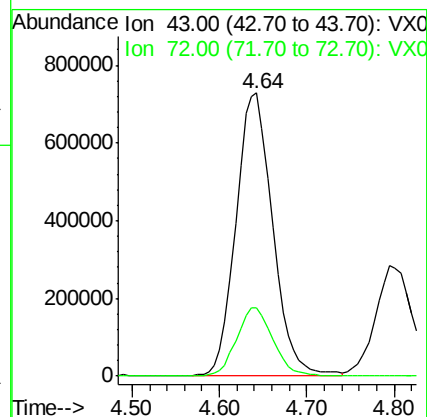
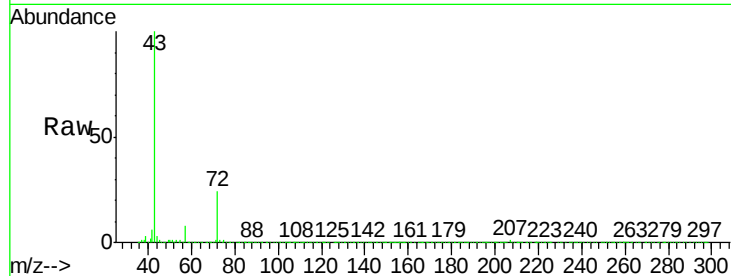
VSTDCCC050EC

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#26

2,2-Dichloropropane

Concen: 48.844 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015809.D

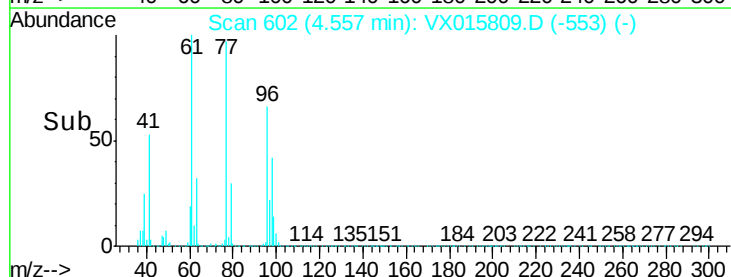
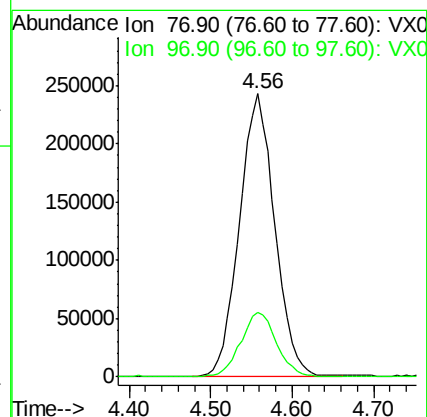
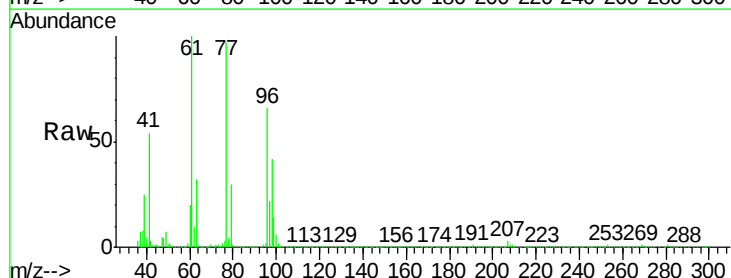
Acq: 21 Apr 2020 20:48

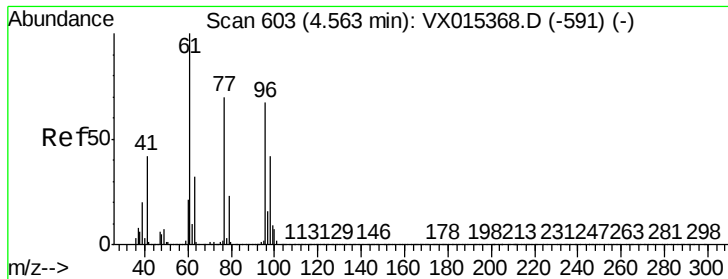
Tgt Ion: 77 Resp: 727377

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

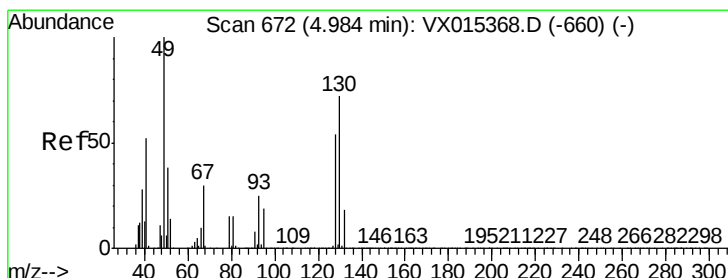
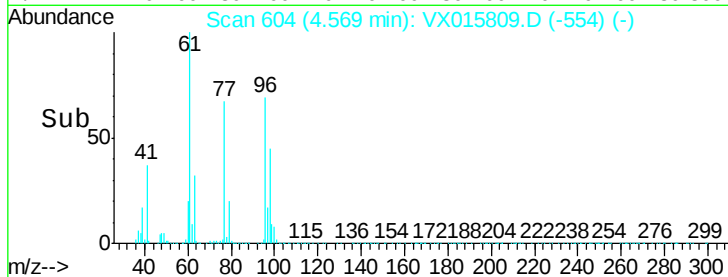
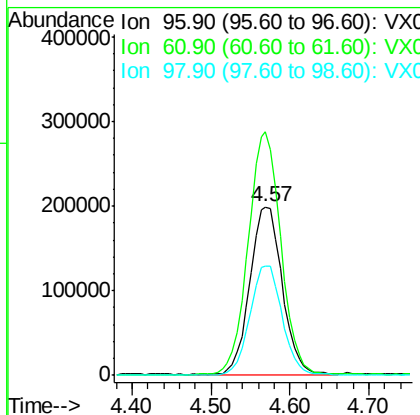
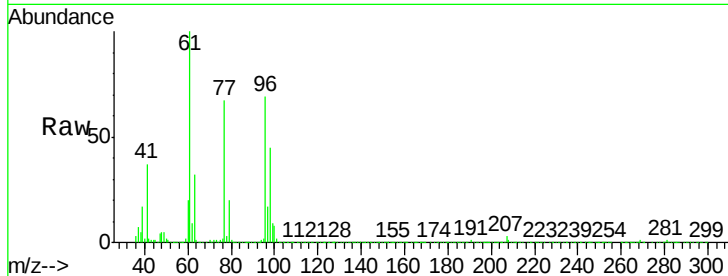
cis-1,2-Dichloroethene
Concen: 53.196 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.9	0.0	308.4	
98	65.1	0.0	129.2	

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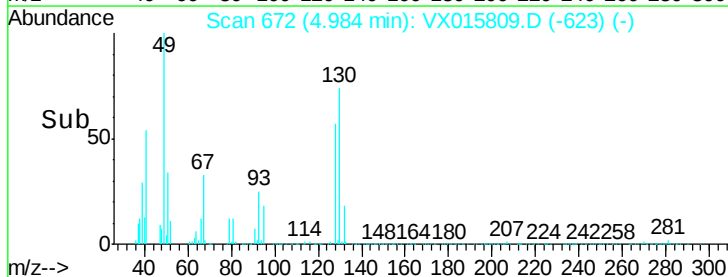
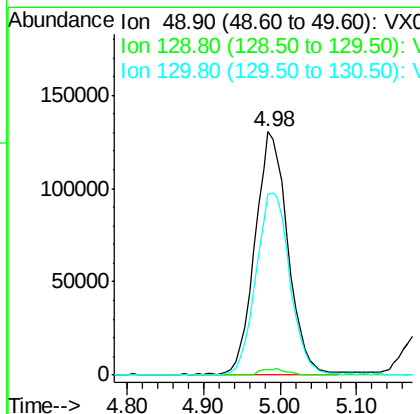
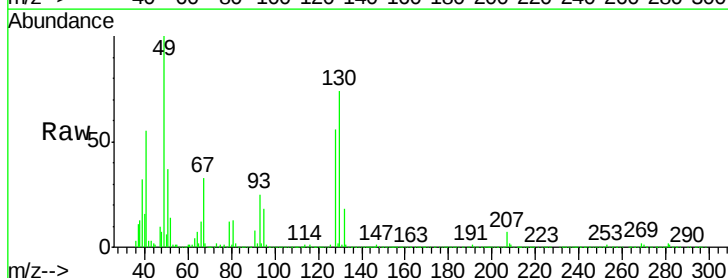
MMDadoda
4/22/2020 10:02:01 AM

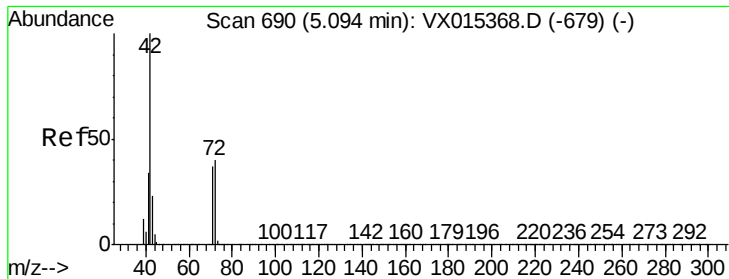


#28

Bromochloromethane
Concen: 45.138 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.4	
130	77.0	57.7	86.5	





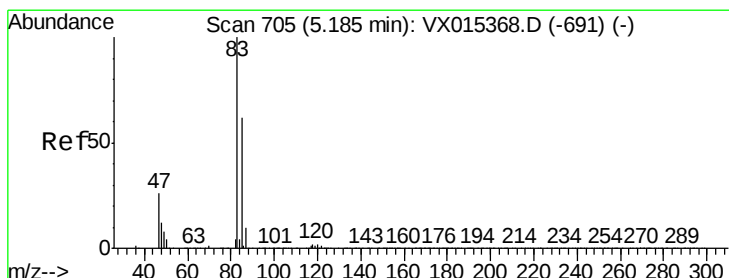
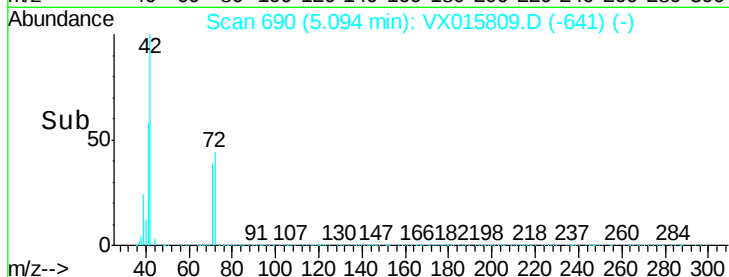
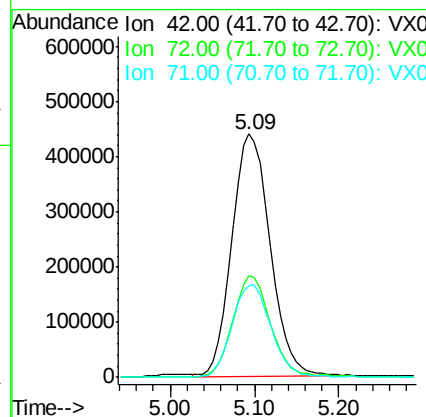
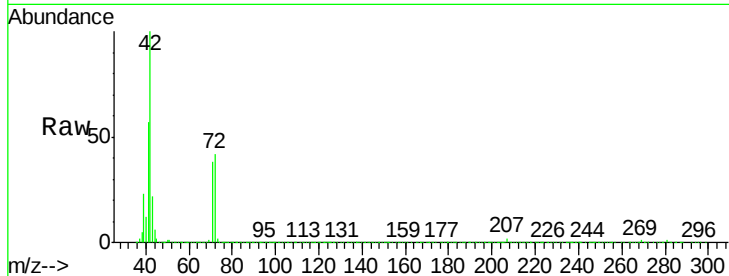
#29
Tetrahydrofuran
Concen: 244.428 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.7	31.7	47.5
71	39.0	29.6	44.4

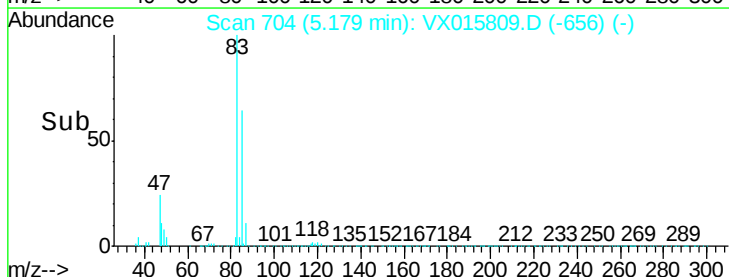
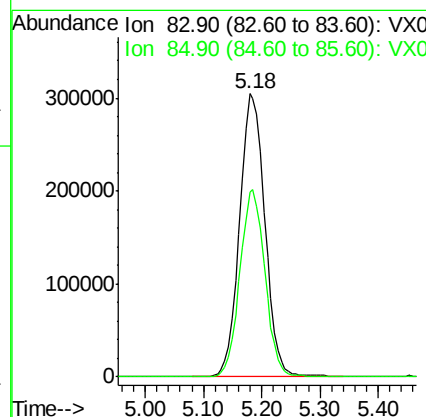
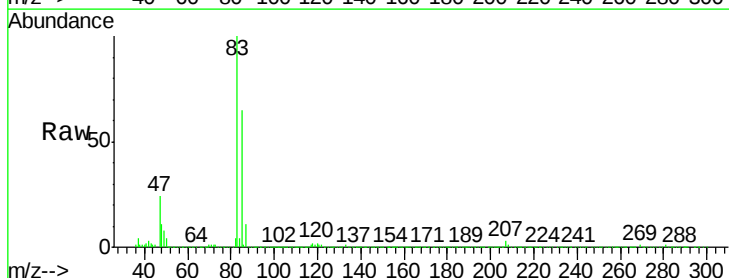
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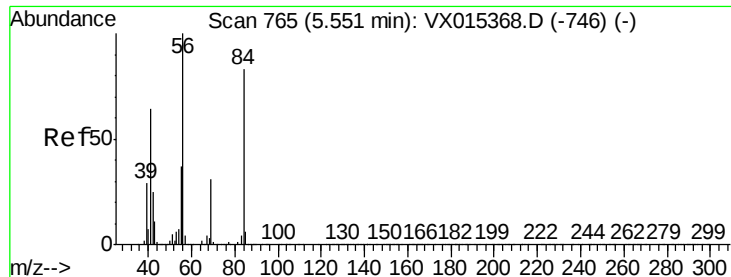
MMDadoda
4/22/2020 10:02:01 AM



#30
Chloroform
Concen: 52.437 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	49.5	74.3





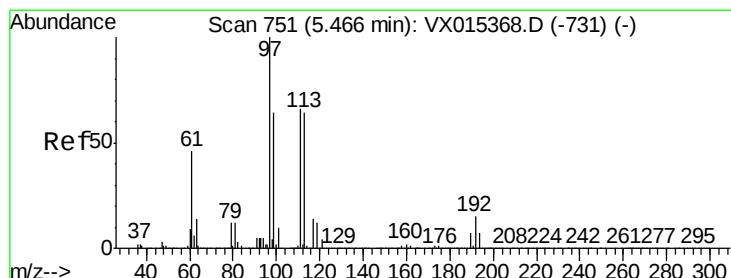
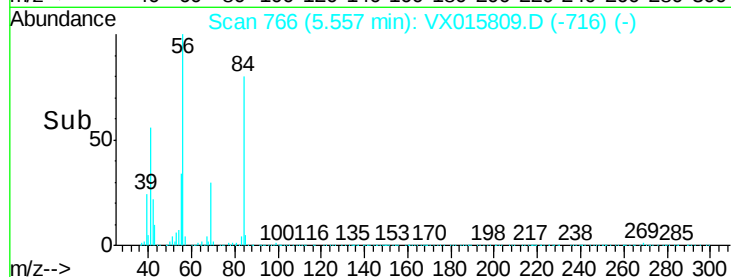
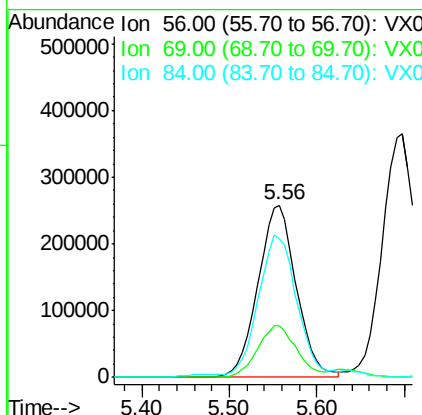
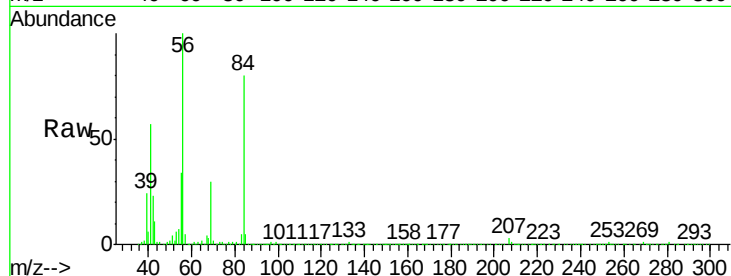
#31
Cyclohexane
Concen: 49.862 ug/l
RT: 5.56 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	79.1	66.1	99.1

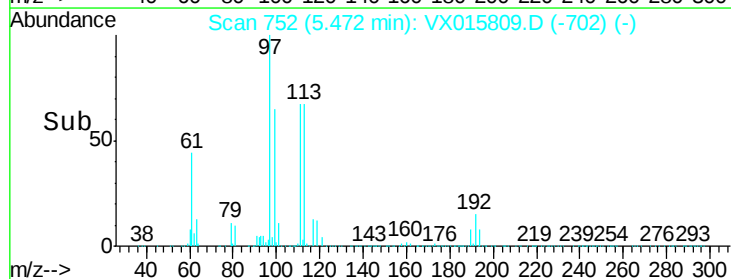
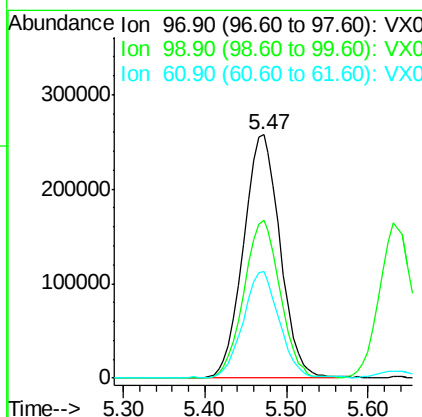
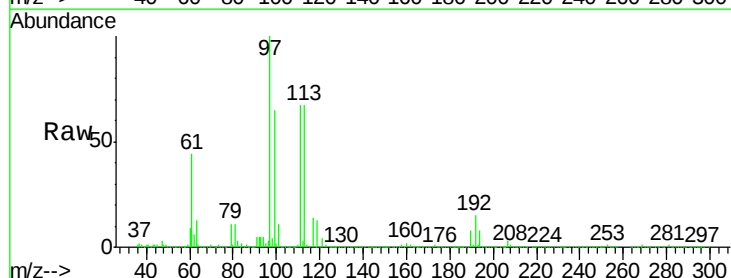
Manual Integrations
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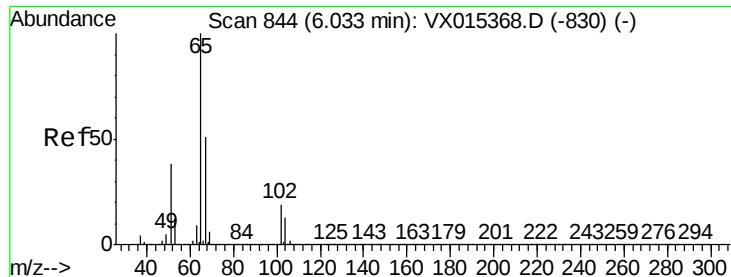
MMDadoda
4/22/2020 10:02:01 AM



#32
1,1,1-Trichloroethane
Concen: 50.870 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	43.0	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 47.641 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 65 Resp: 592307

Ion Ratio Lower Upper

65 100

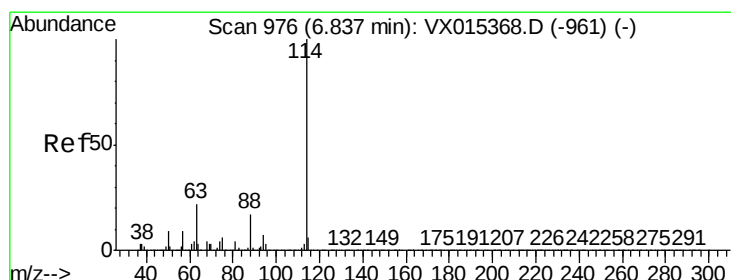
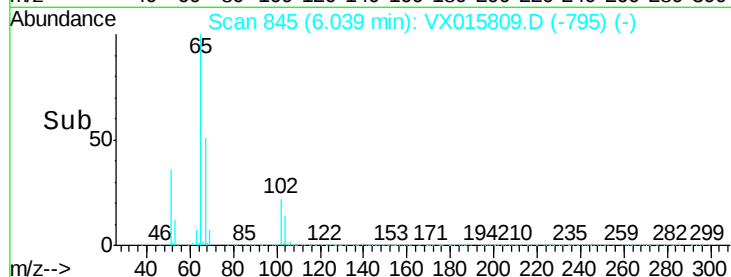
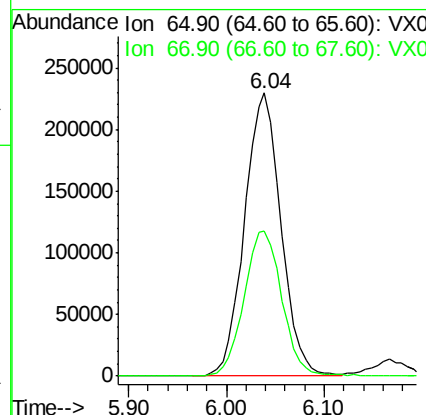
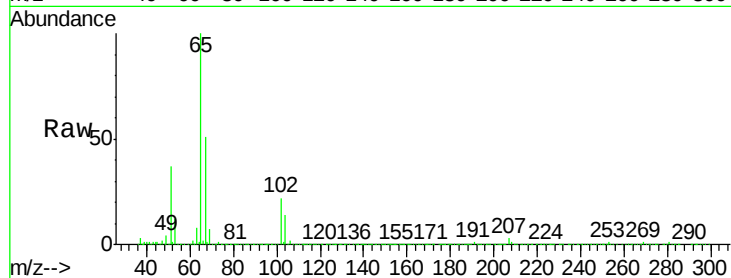
67 53.1 0.0 102.6

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

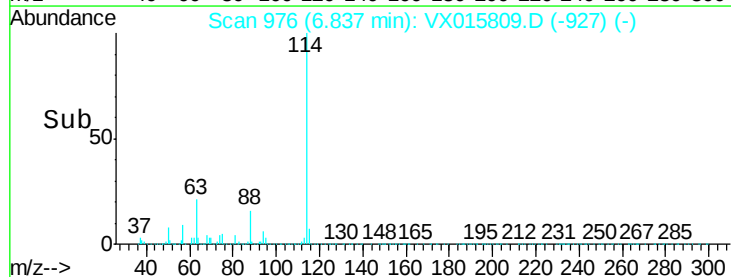
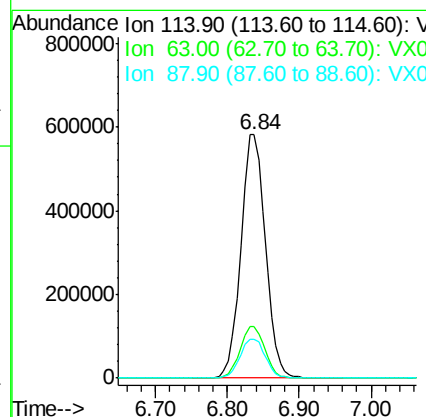
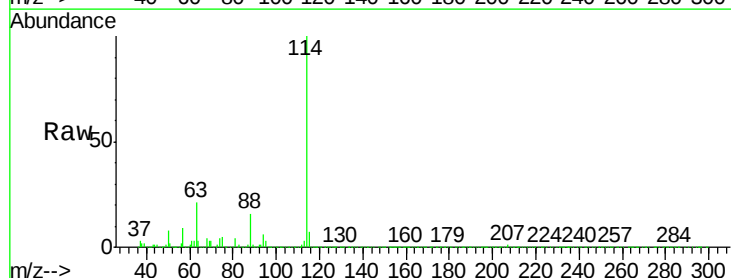
Tgt Ion: 114 Resp: 1376626

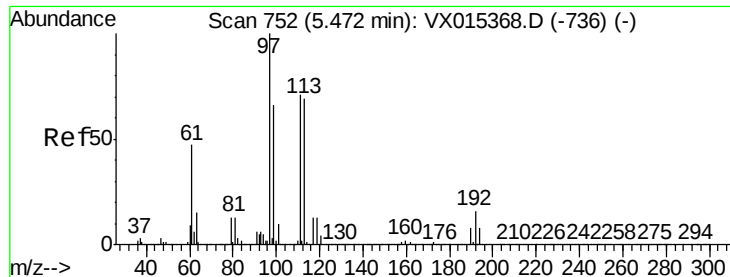
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.2

88 16.1 0.0 33.8





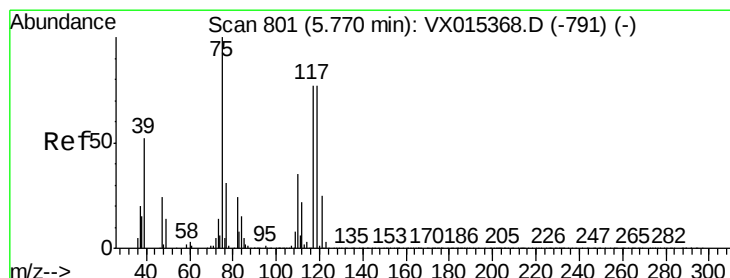
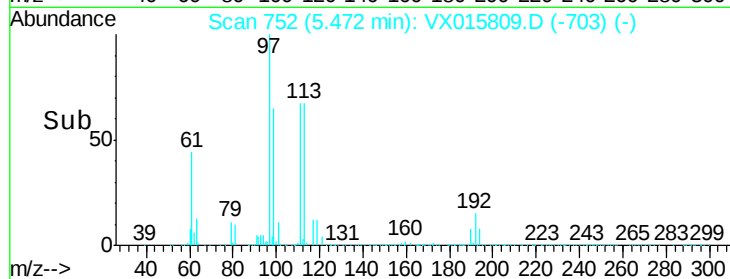
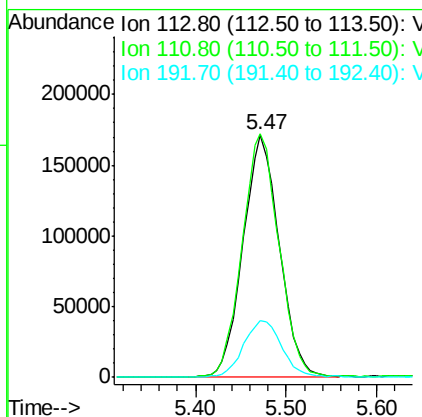
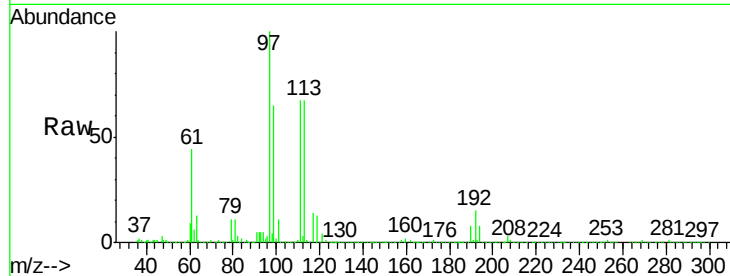
#35
Dibromofluoromethane
Concen: 53.763 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	473105		
111	102.6	81.5	122.3	
192	24.7	17.8	26.6	

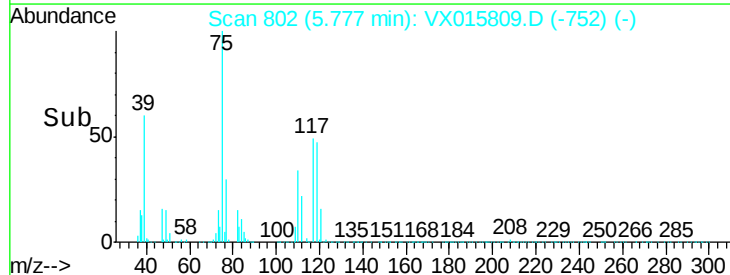
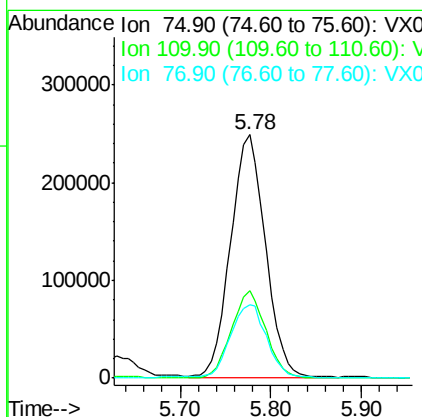
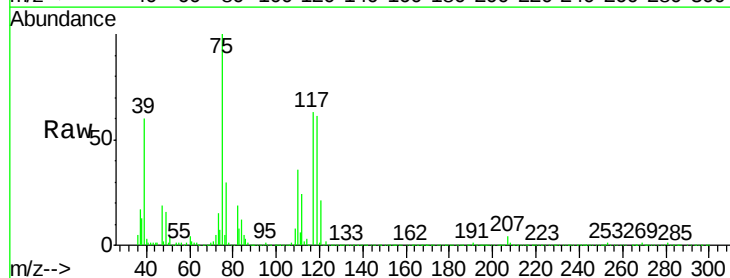
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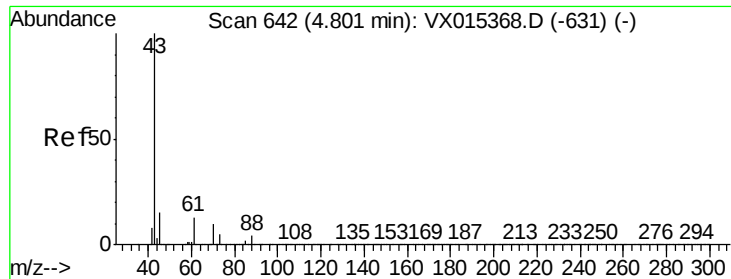
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#36
1,1-Dichloropropene
Concen: 52.035 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	660018		
110	35.3	17.1	51.3	
77	31.0	24.6	36.8	





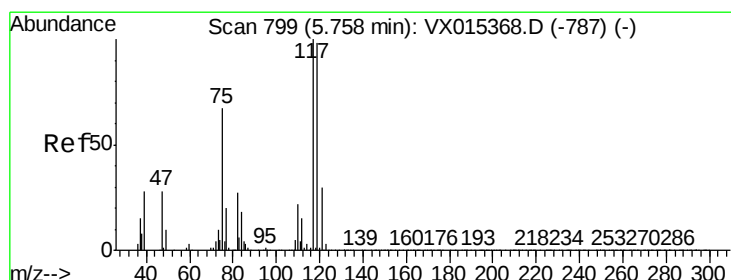
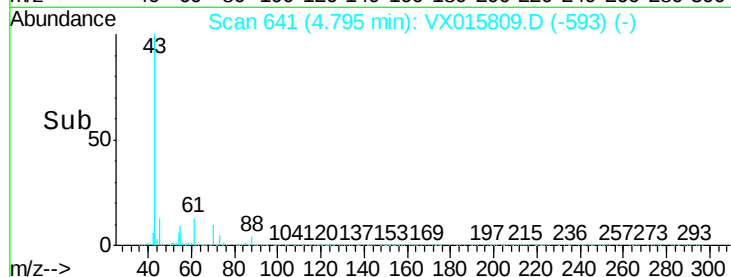
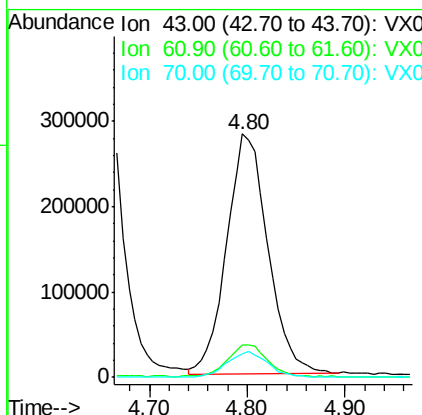
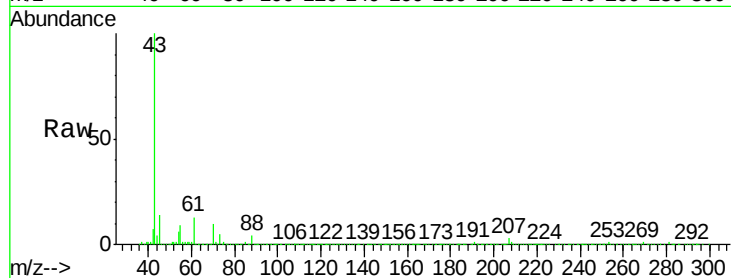
#37
Ethyl Acetate
Concen: 49.454 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.9	14.9
70	10.6	8.1	12.1

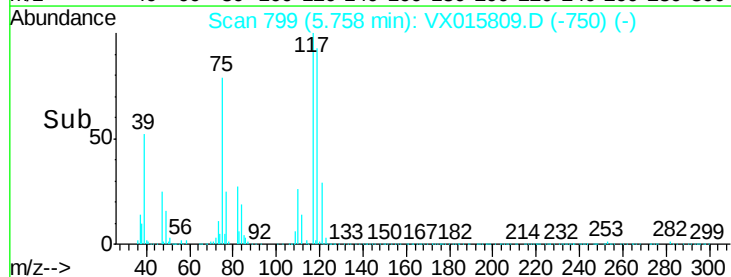
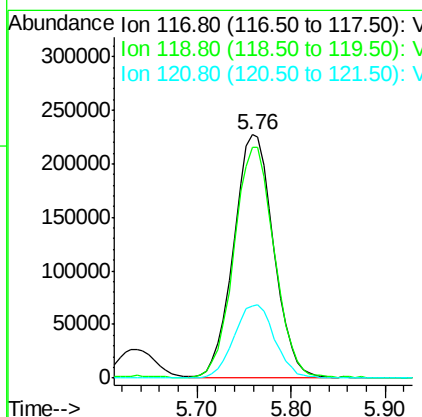
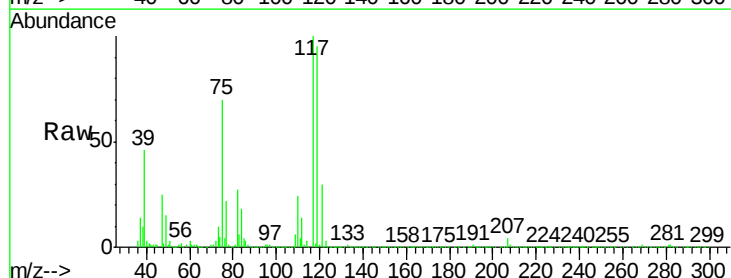
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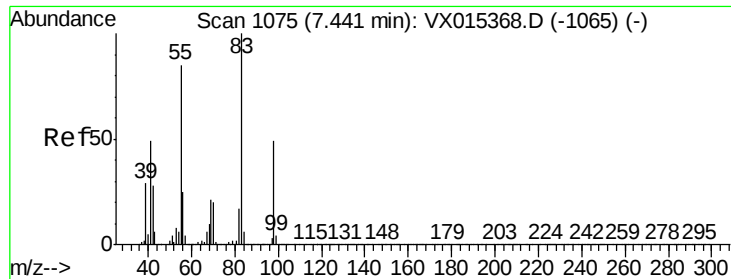
MMDadoda
4/22/2020 10:02:01 AM



#38
Carbon Tetrachloride
Concen: 48.732 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.0	117.0
121	29.5	23.8	35.8





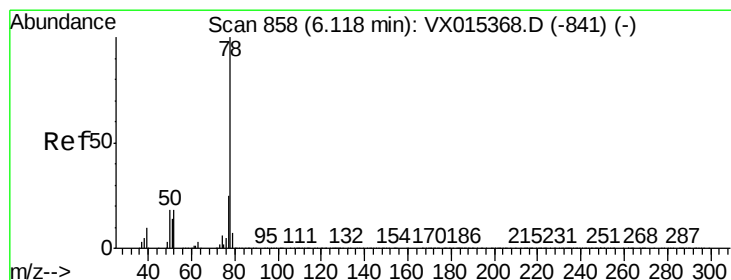
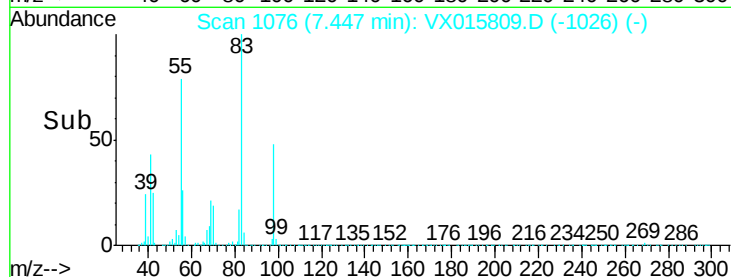
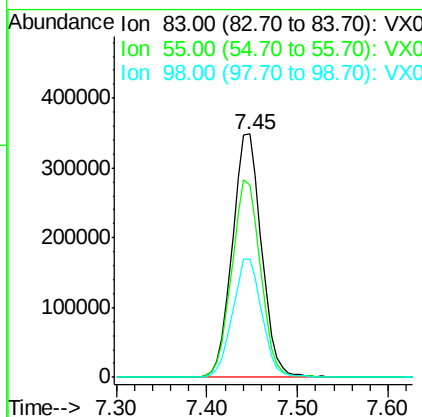
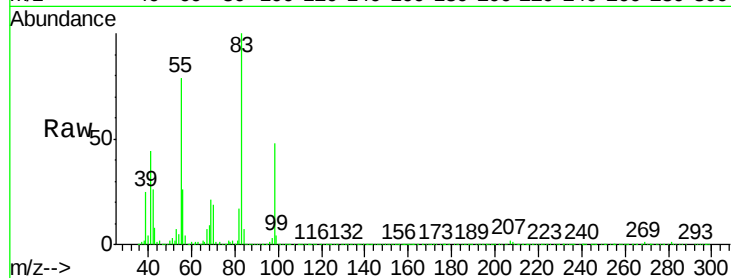
#39
Methvlcvclohexane
Concen: 53.123 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.8	67.8	101.6
98	48.2	39.3	58.9

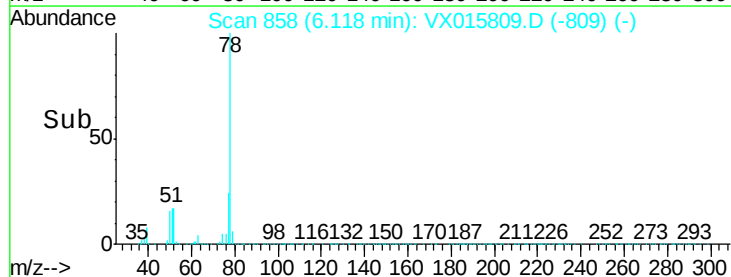
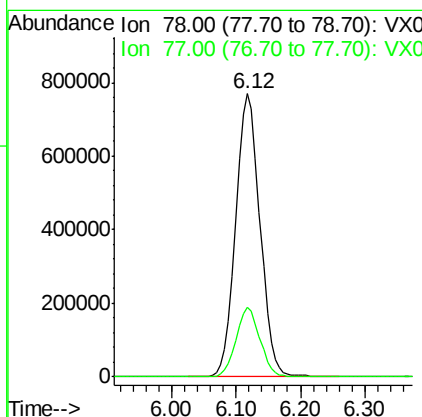
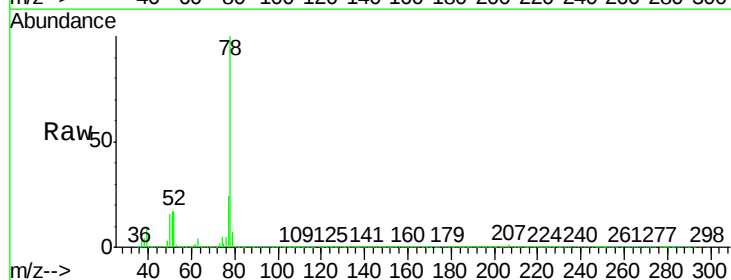
Manual Integrations
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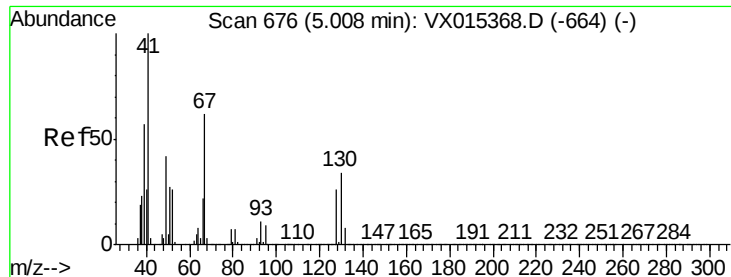
MMDadoda
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#40
Benzene
Concen: 54.136 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.8	29.8





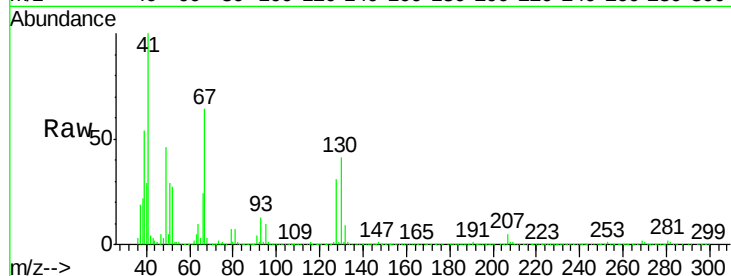
#41
Methacrylonitrile
Concen: 53.164 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

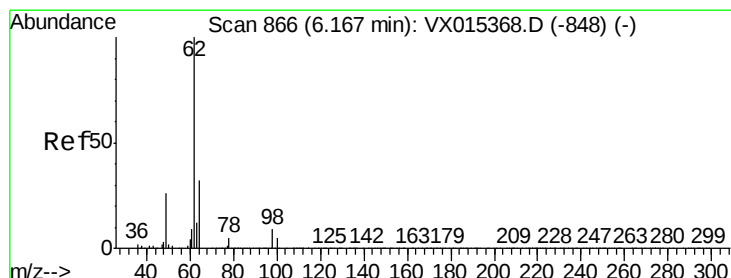
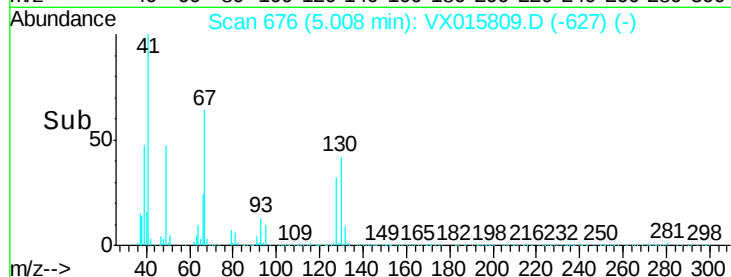
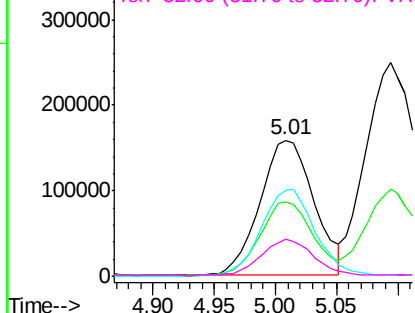
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		487411		
39	53.5	44.5	66.7		
67	63.7	48.9	73.3		
52	26.0	21.8	32.6		

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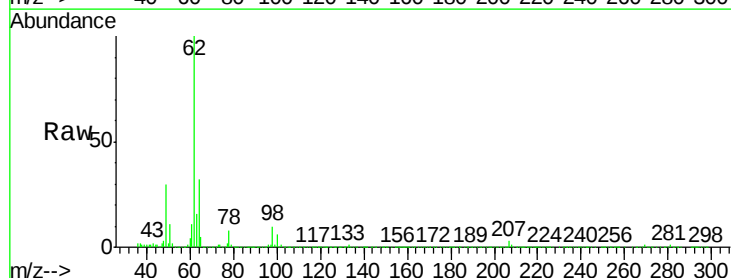


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

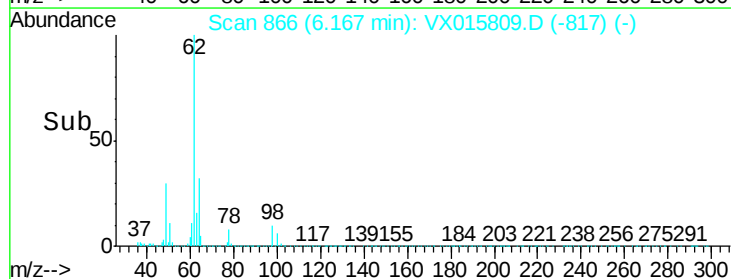
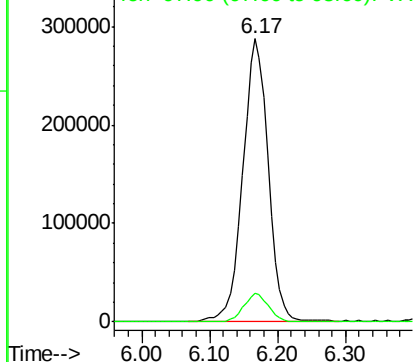


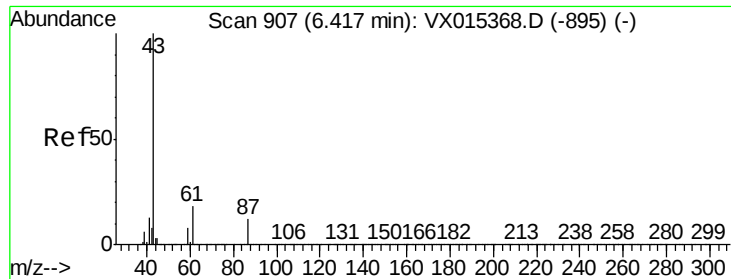
#42
1,2-Dichloroethane
Concen: 49.719 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		742029		
98	9.7	0.0	17.6		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.385 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

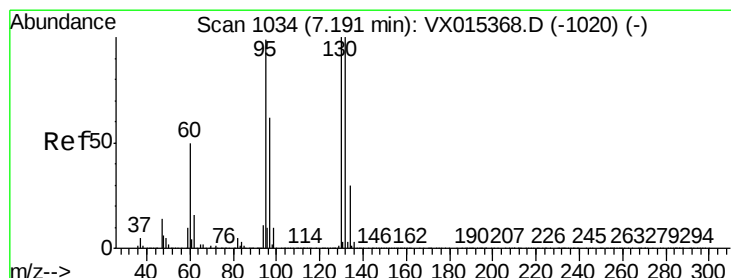
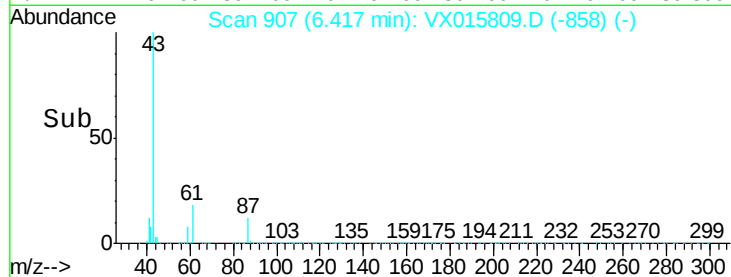
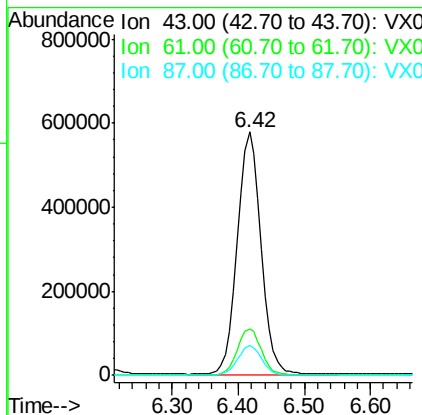
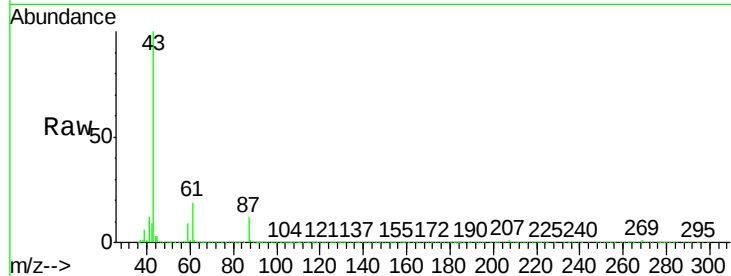
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	1432622
Ion	Ratio	Lower	Upper
43	100		
61	19.6	14.8	22.2
87	12.3	9.4	14.0

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#44

Trichloroethene

Concen: 67.265 ug/l

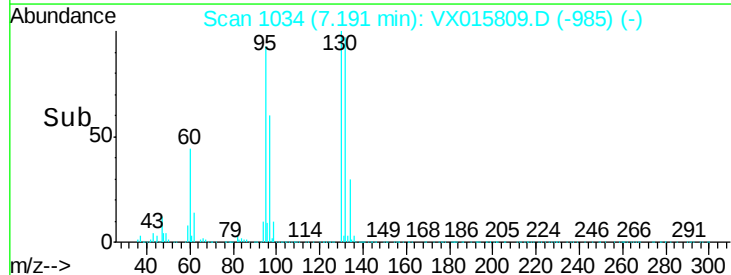
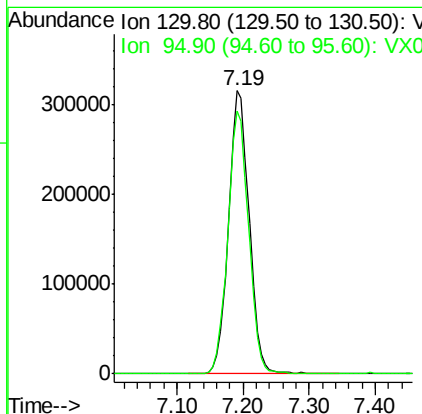
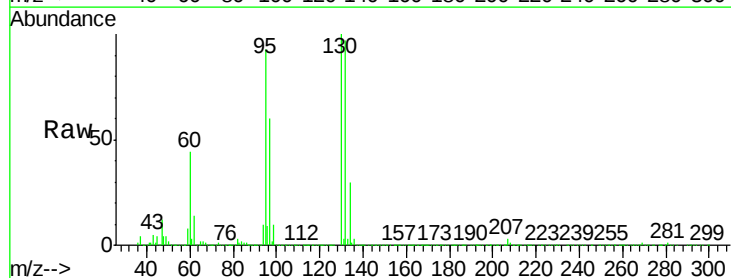
RT: 7.19 min Scan# 1034

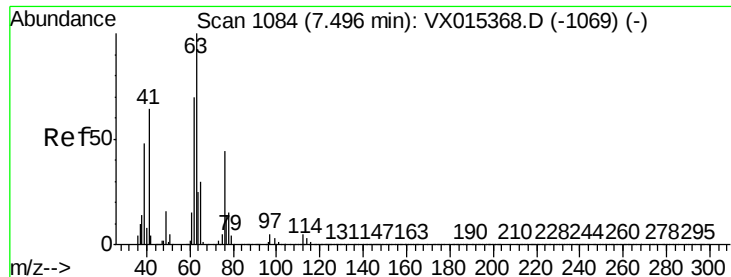
Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion:	130	Resp:	681606
Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	199.0





#45

1,2-Dichloropropane

Concen: 54.600 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 554961

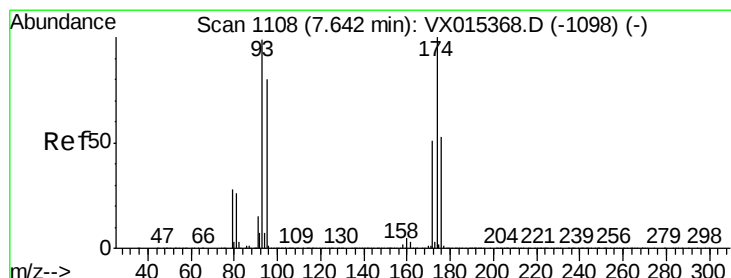
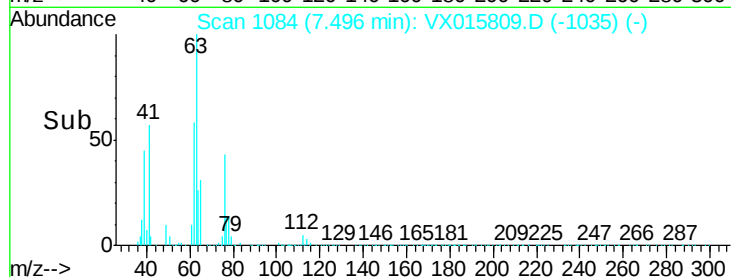
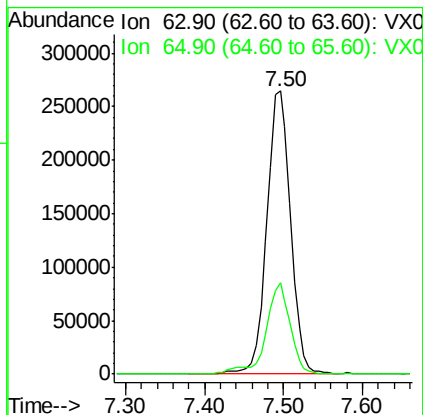
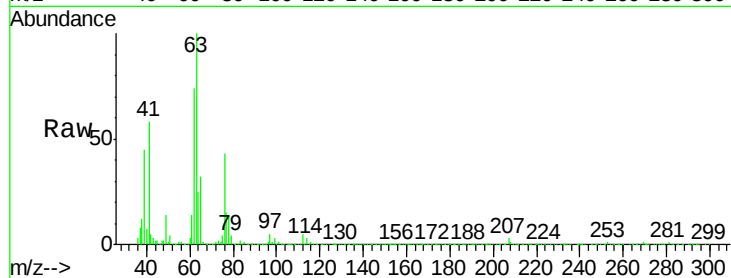
Ion Ratio Lower Upper

63 100

65 31.9 23.9 35.9

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#46

Dibromomethane

Concen: 54.422 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

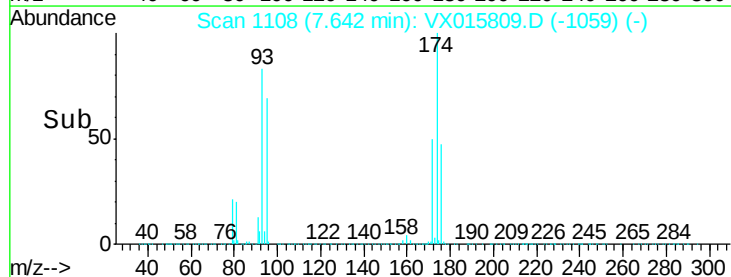
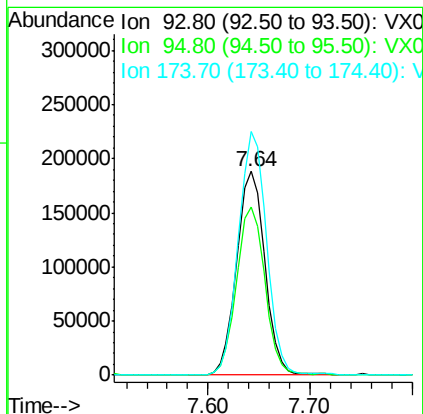
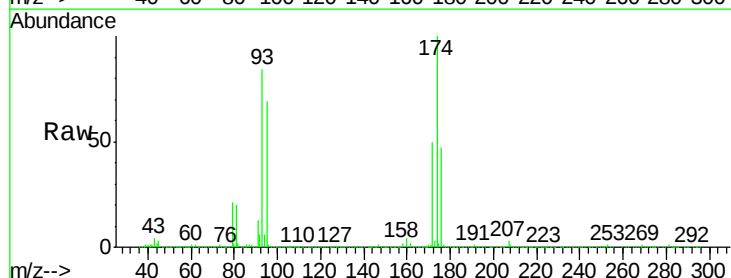
Tgt Ion: 93 Resp: 362857

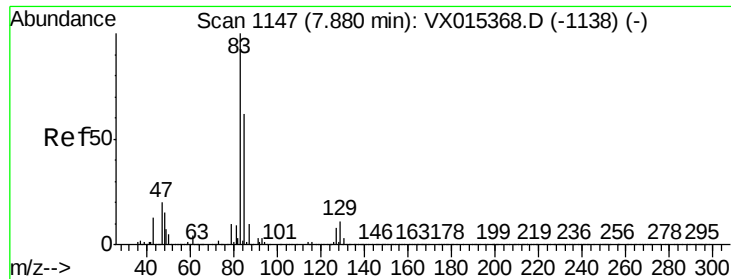
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 118.9 86.2 129.2





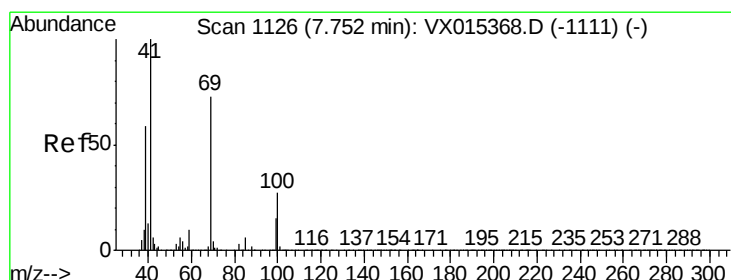
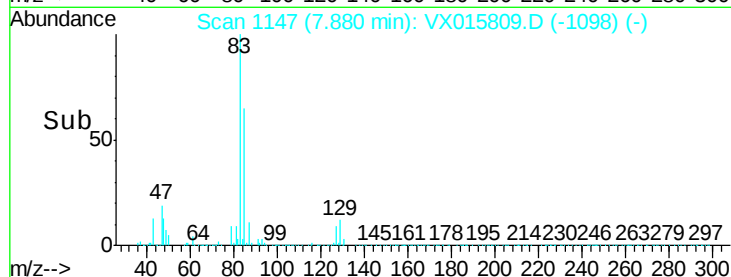
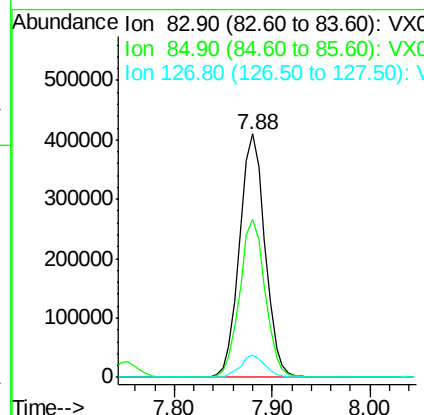
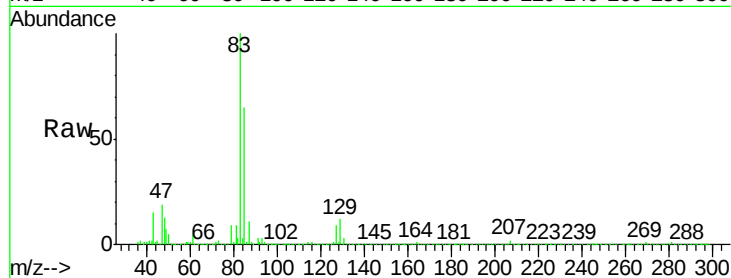
#47
Bromodichloromethane
Concen: 52.196 ug/l
RT: 7.88 min Scan# 1147
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.7	49.7	74.5
127	9.1	6.7	10.1

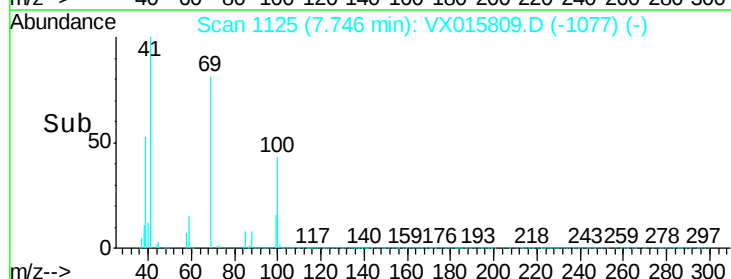
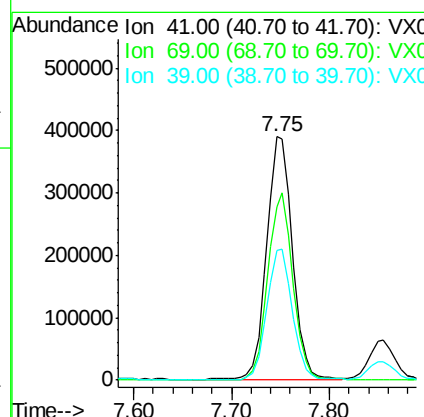
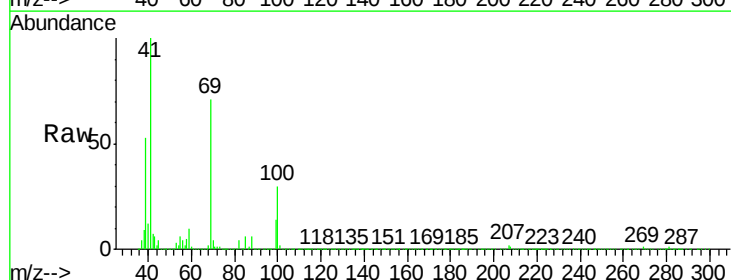
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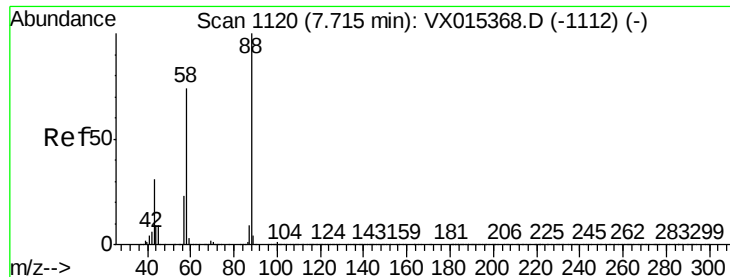
MMDadoda
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#48
Methyl methacrylate
Concen: 51.165 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. -0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	75.5	56.7	85.1
39	53.7	46.5	69.7





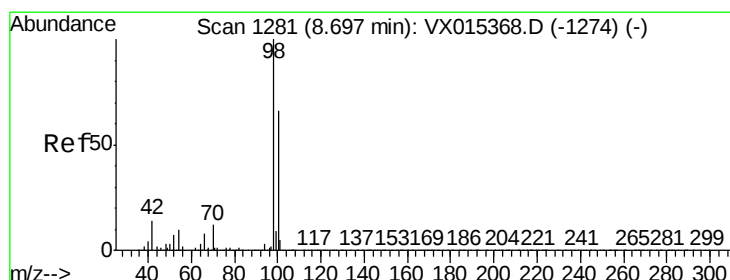
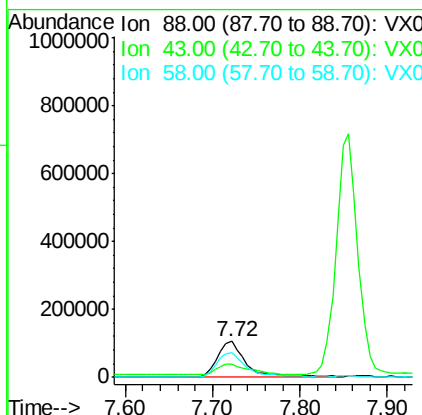
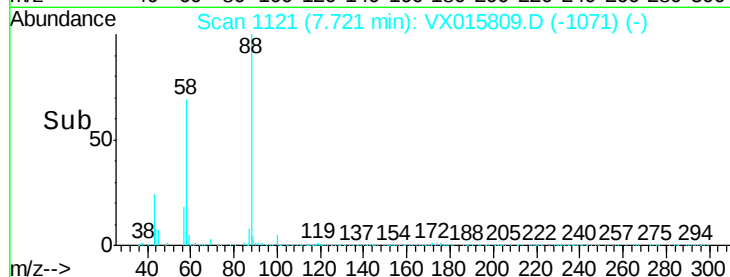
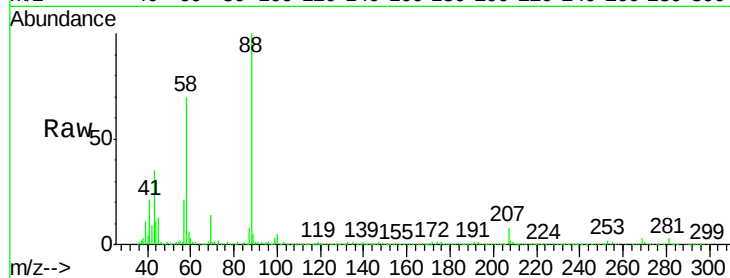
#49
1,4-Dioxane
Concen: 915.543 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	88	Resp:	237844
Ion Ratio	Lower	Upper	
88	100		
43	34.5	30.1	45.1
58	71.2	60.6	90.8

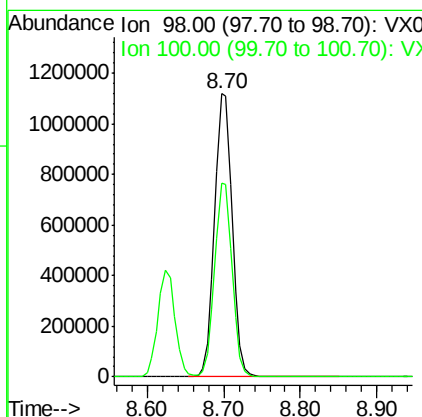
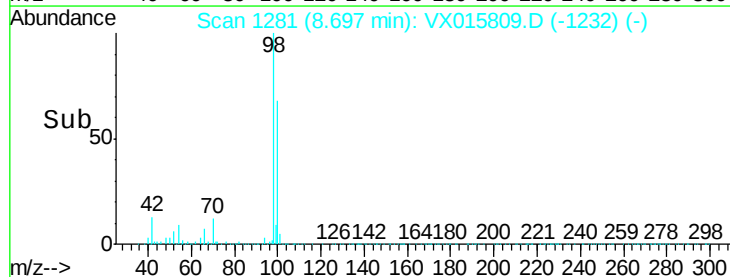
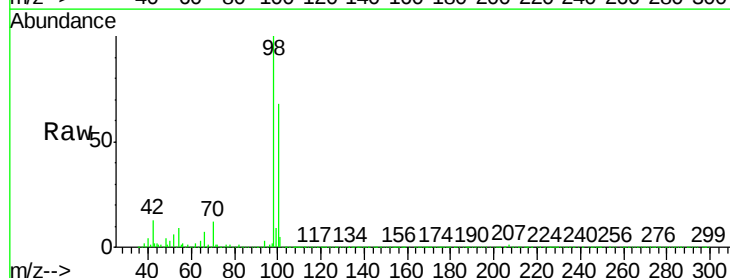
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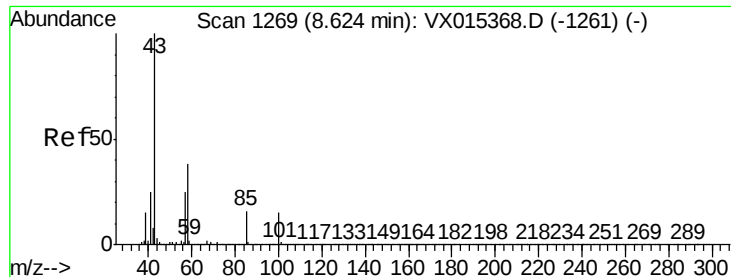
MMDadoda
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#50
Toluene-d8
Concen: 55.303 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:	98	Resp:	1791735
Ion Ratio	Lower	Upper	
98	100		
100	67.7	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 269.704 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4261370

Ion Ratio Lower Upper

43 100

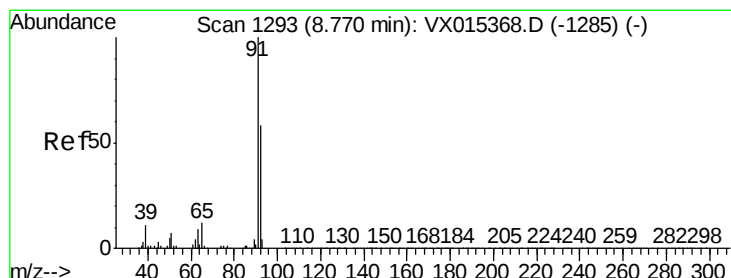
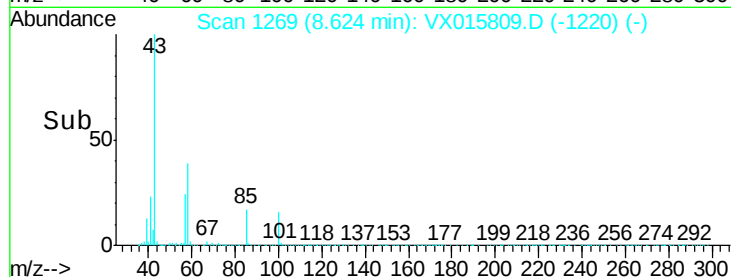
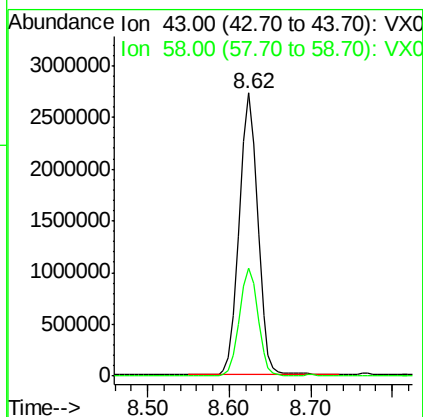
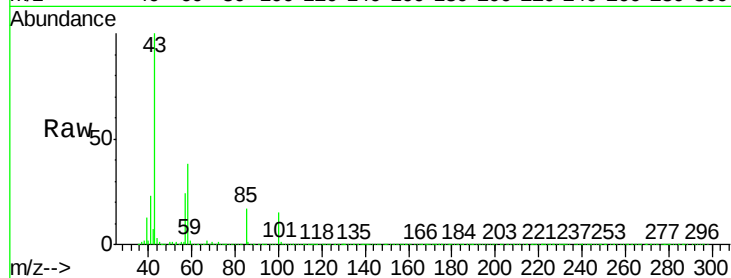
58 38.2 29.7 44.5

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#52

Toluene

Concen: 56.926 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015809.D

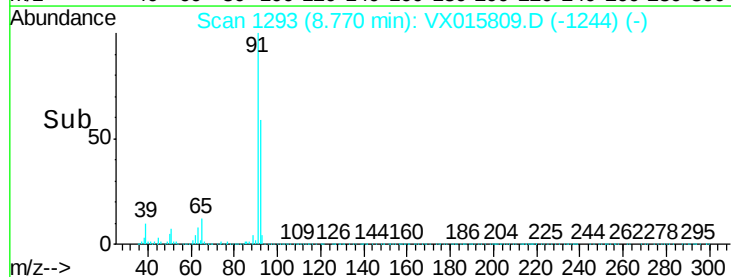
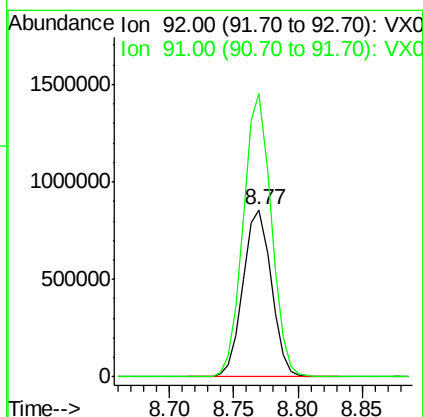
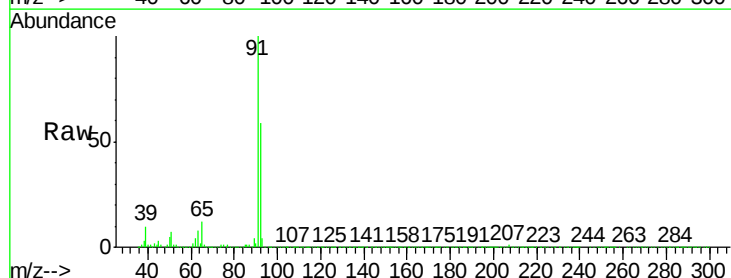
Acq: 21 Apr 2020 20:48

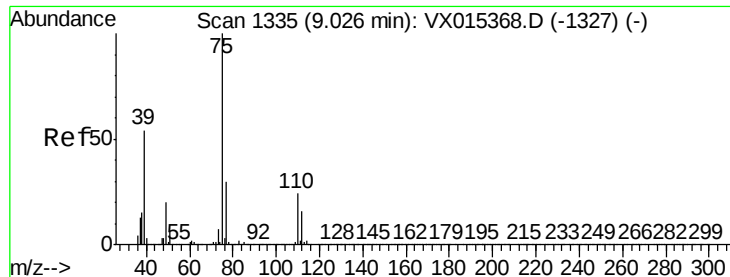
Tgt Ion: 92 Resp: 1304000

Ion Ratio Lower Upper

92 100

91 167.2 136.6 205.0





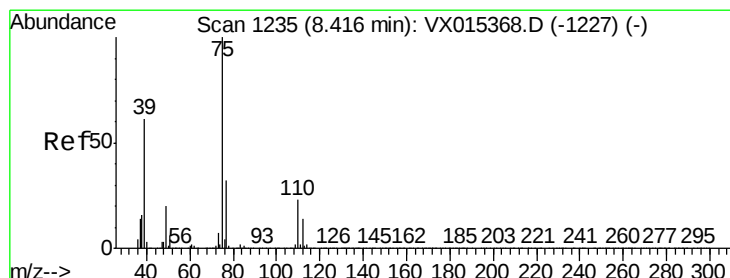
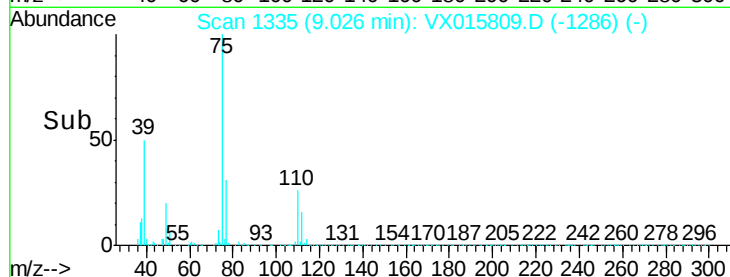
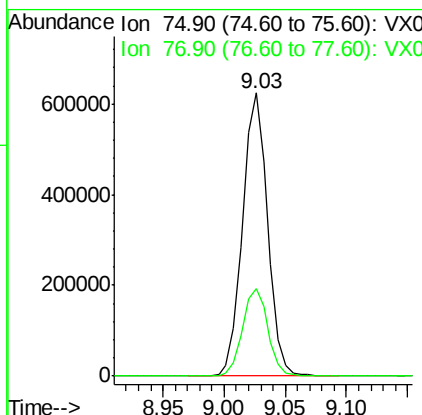
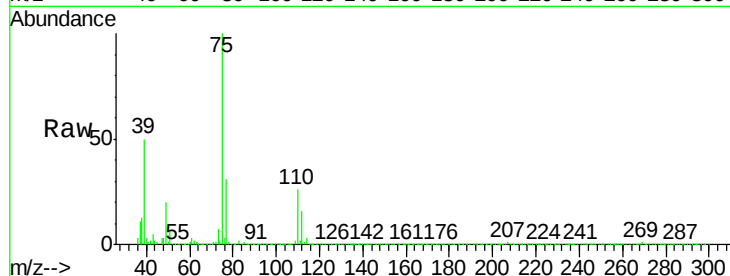
#53
t-1,3-Dichloropropene
Concen: 53.194 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.7	24.1	36.1

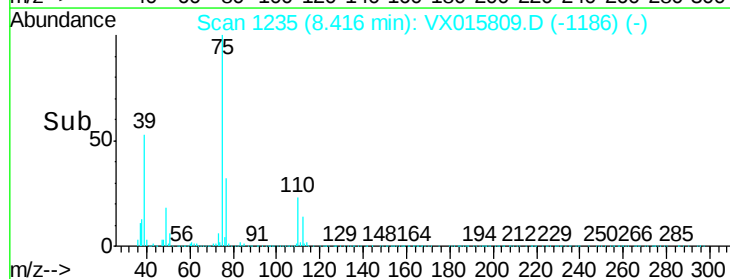
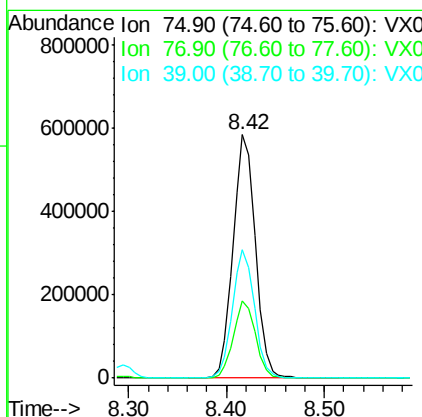
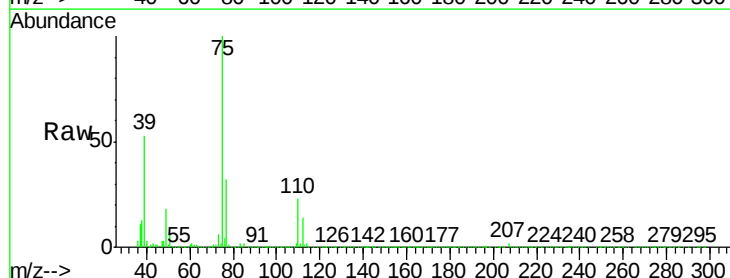
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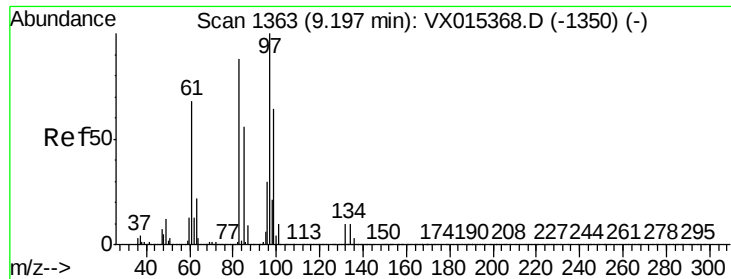
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#54
cis-1,3-Dichloropropene
Concen: 54.500 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.8	38.6
39	52.8	49.0	73.4





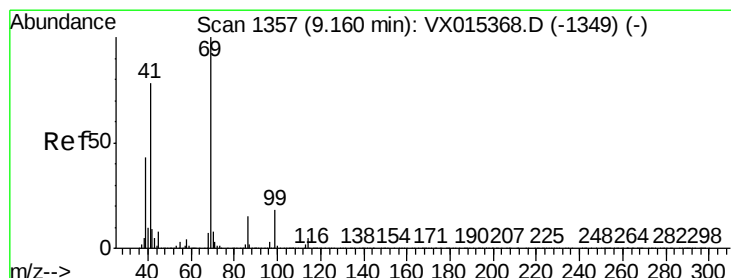
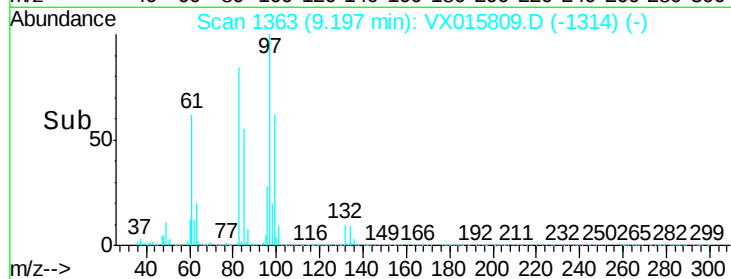
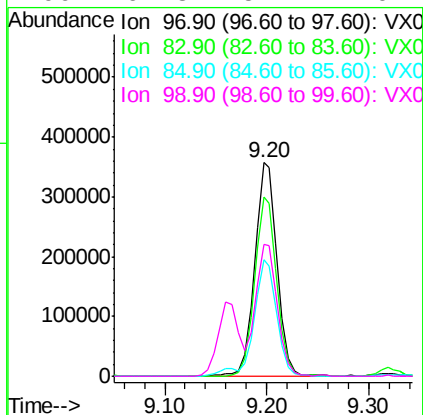
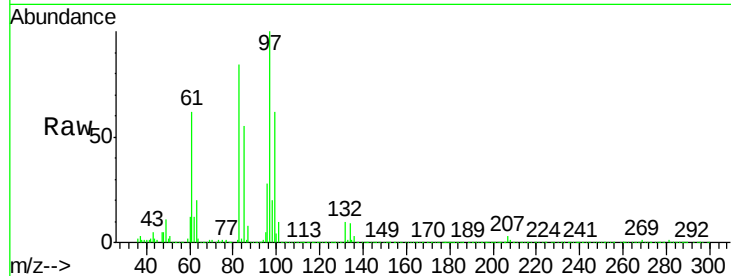
#55
 1,1,2-Trichloroethane
 Concen: 57.977 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		544126		
83	84.1	70.2	105.4		
85	54.5	44.7	67.1		
99	61.8	51.1	76.7		

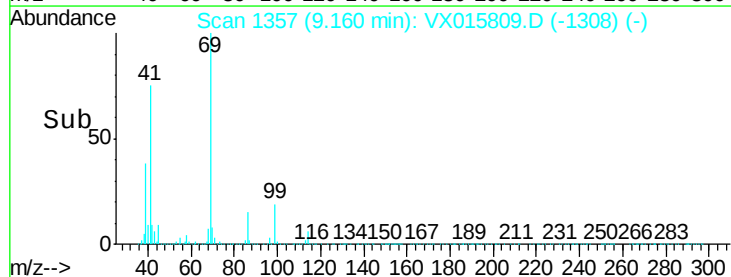
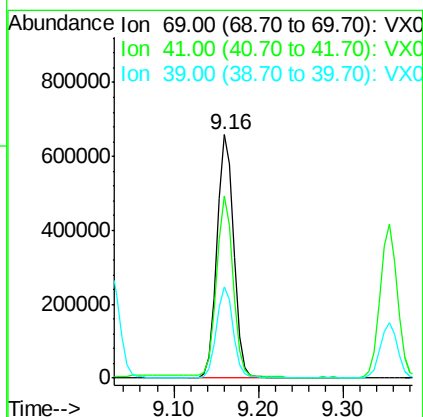
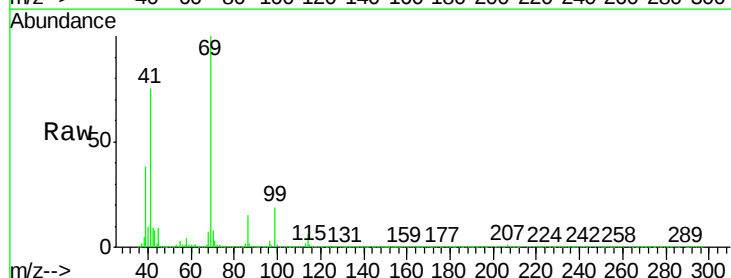
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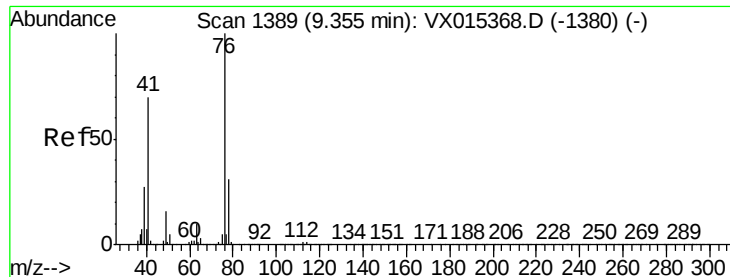
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 4/22/2020 10:02:01 AM



#56
 Ethyl methacrylate
 Concen: 55.289 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		914487		
41	73.7	61.6	92.4		
39	37.1	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 54.261 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 917509

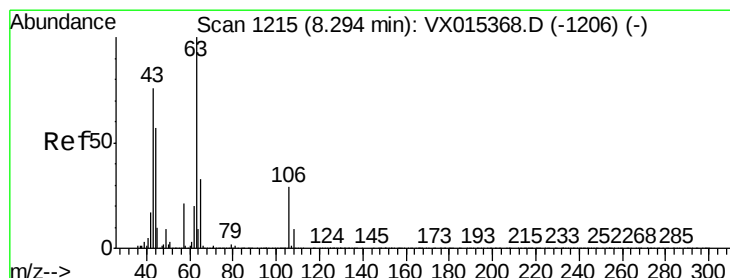
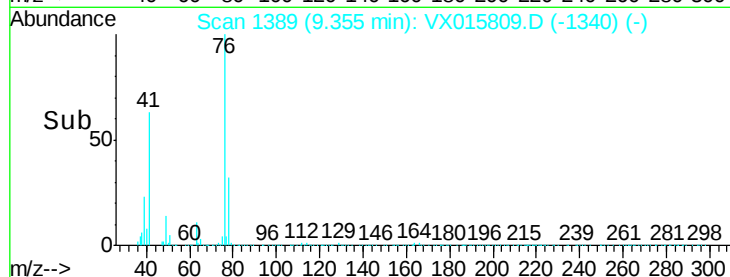
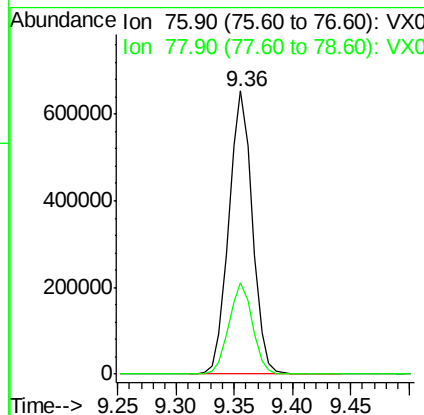
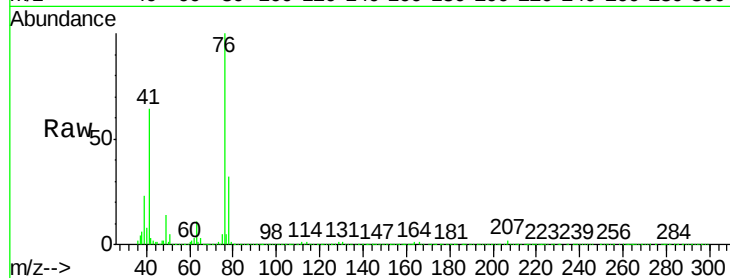
Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8

Manual Integrations
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4/22/2020 10:02:01 AM



#58

2-Chloroethyl Vinyl ether

Concen: 250.935 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015809.D

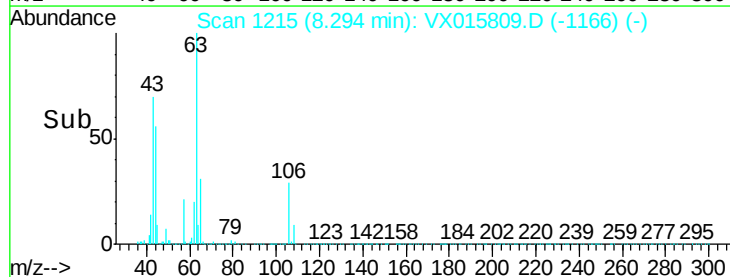
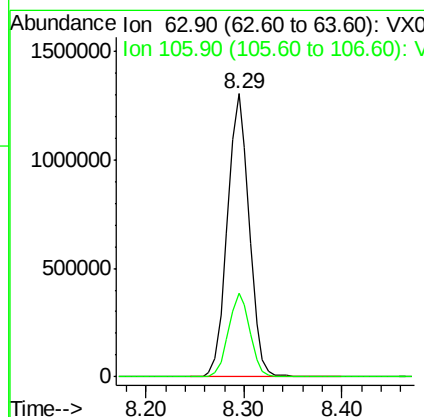
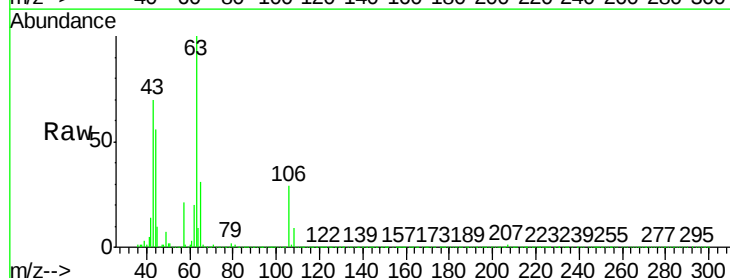
Acq: 21 Apr 2020 20:48

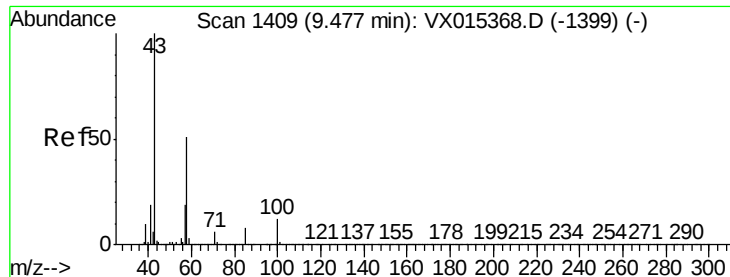
Tgt Ion: 63 Resp: 2018817

Ion Ratio Lower Upper

63 100

106 29.1 22.7 34.1





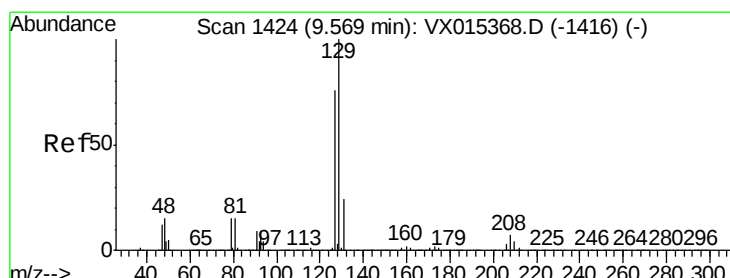
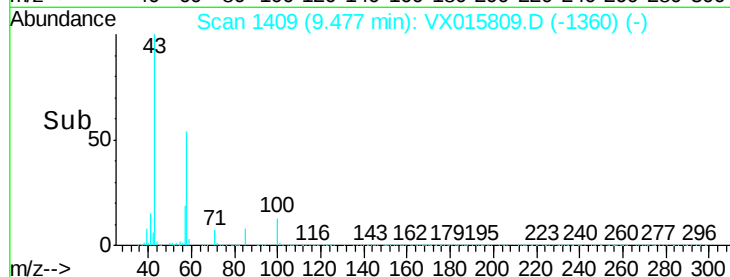
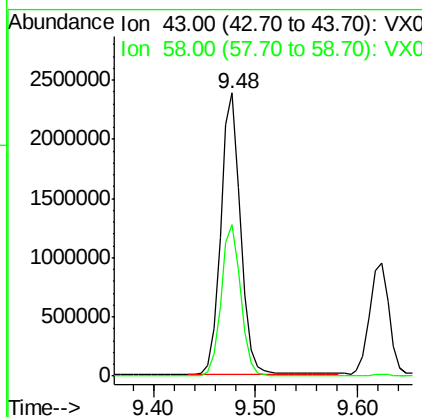
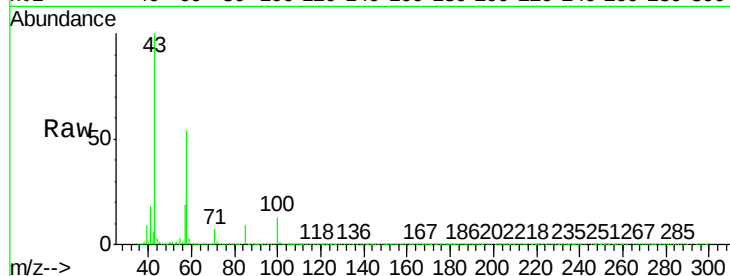
#59
2-Hexanone
Concen: 268.102 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3198137
Ion Ratio Lower Upper
43 100
58 53.7 25.6 76.6

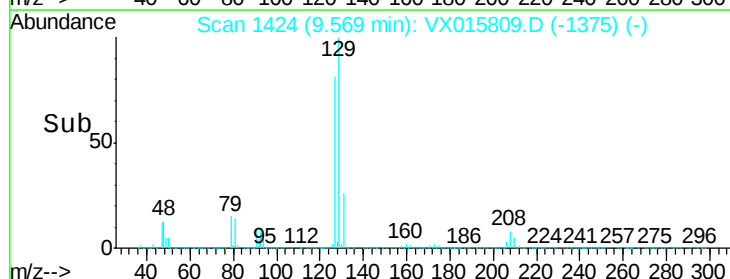
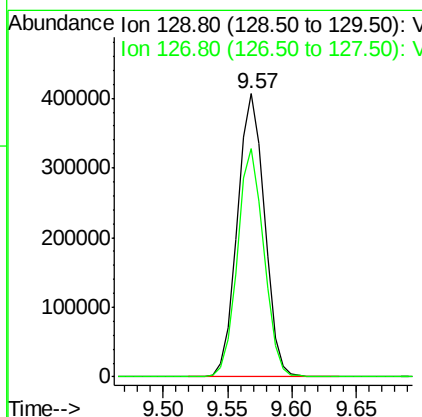
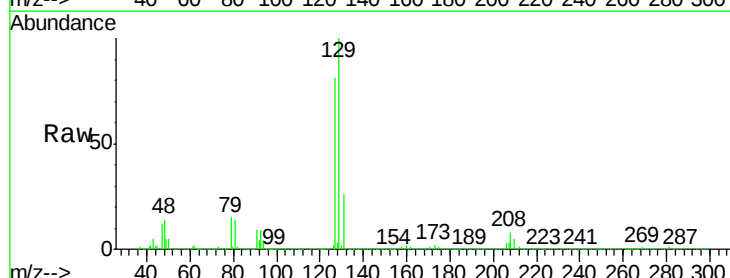
Manual Integrations
APPROVED

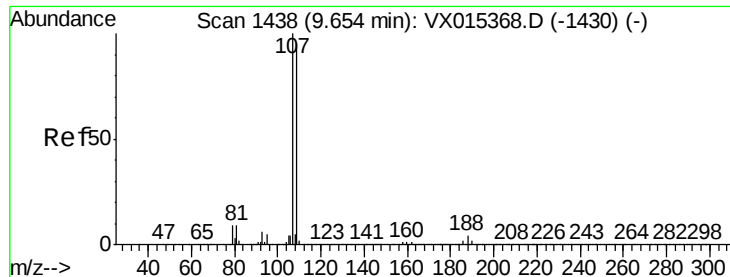
MMDadoda
4/22/2020 10:02:01 AM



#60
Dibromochloromethane
Concen: 52.765 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 129 Resp: 595060
Ion Ratio Lower Upper
129 100
127 78.2 38.2 114.6





#61

1,2-Dibromoethane

Concen: 55.489 ug/l

RT: 9.66 min Scan# 1439

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 566259

Ion Ratio Lower Upper

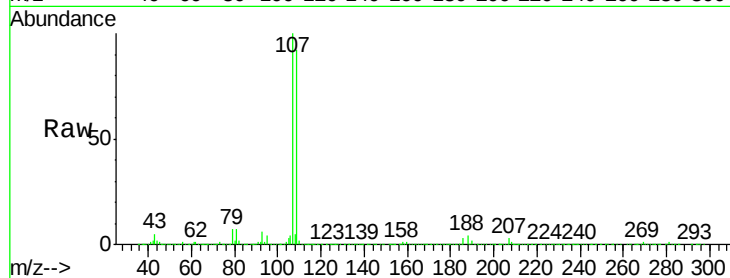
107 100

109 96.2 74.8 112.2

Manual Integrations
APPROVED

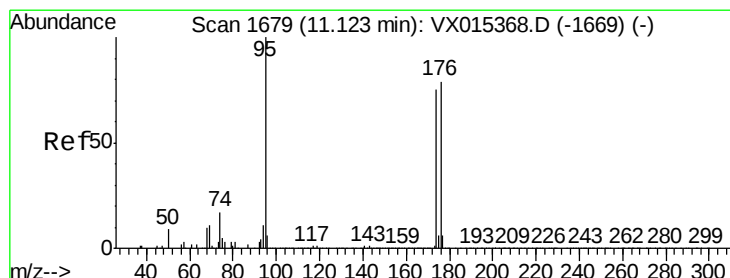
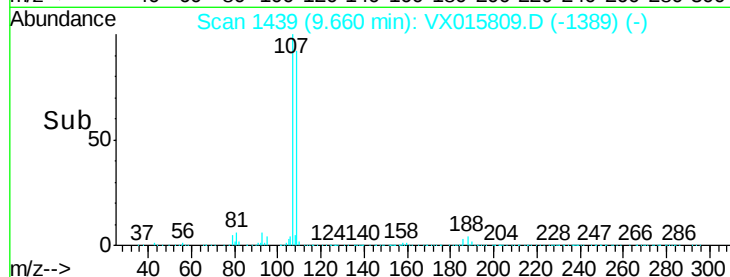
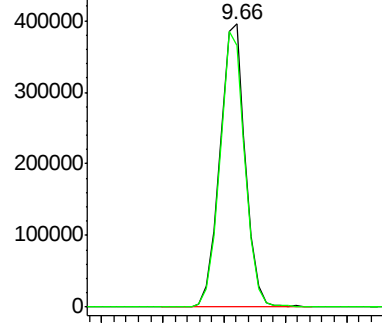
MMDadoda

4/22/2020 10:02:01 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.544 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

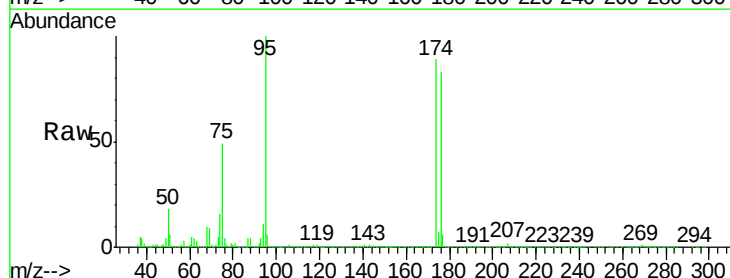
Tgt Ion: 95 Resp: 744501

Ion Ratio Lower Upper

95 100

174 87.1 0.0 158.6

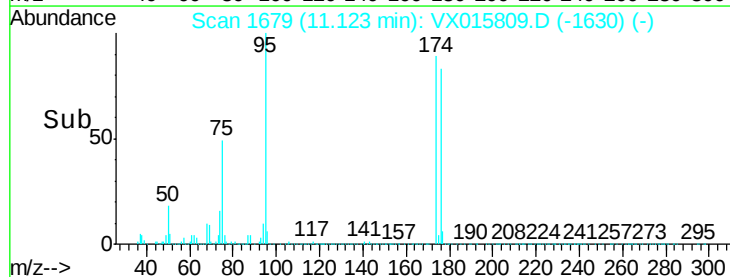
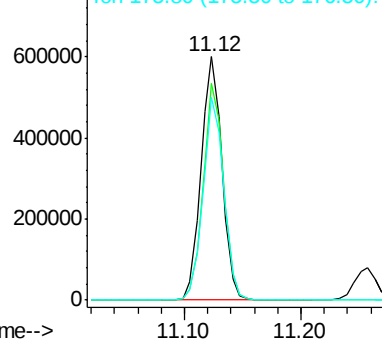
176 83.0 0.0 159.0

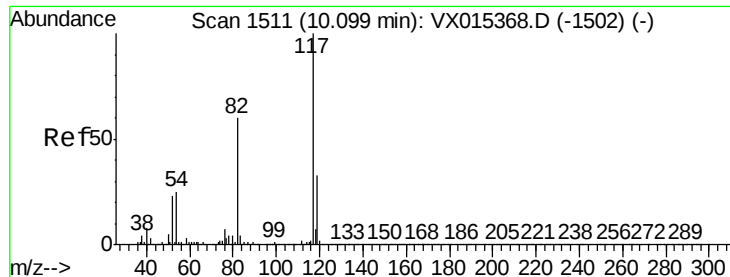


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





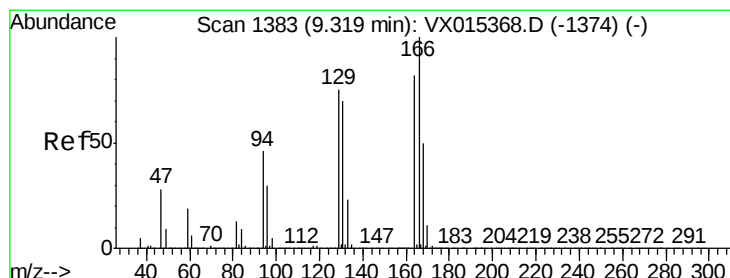
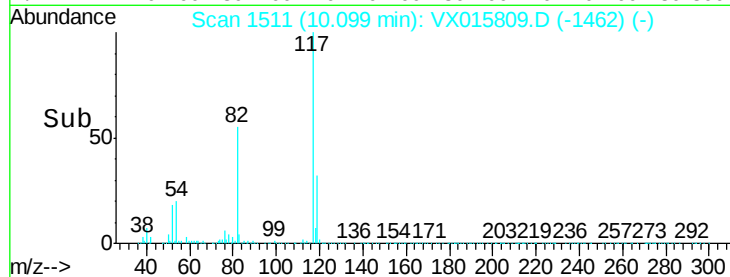
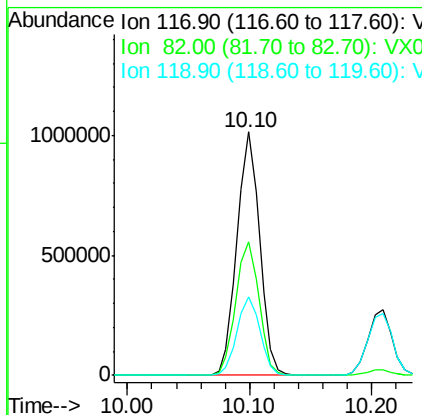
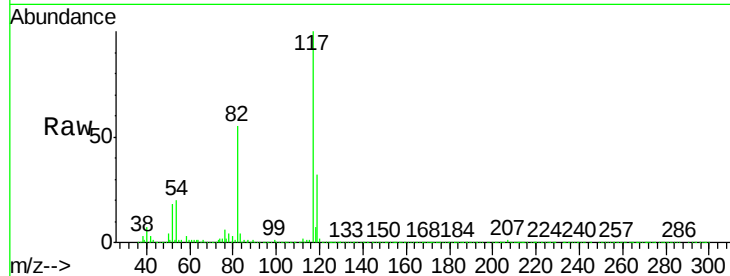
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	47.8	71.8
119	32.4	26.8	40.2

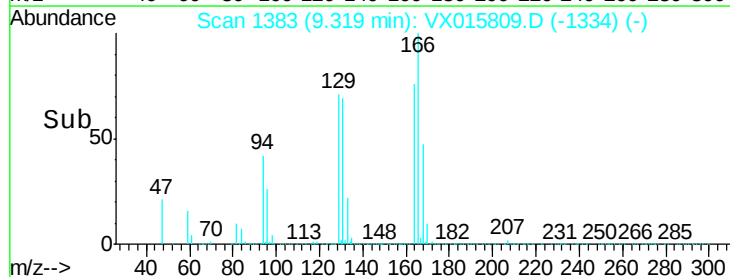
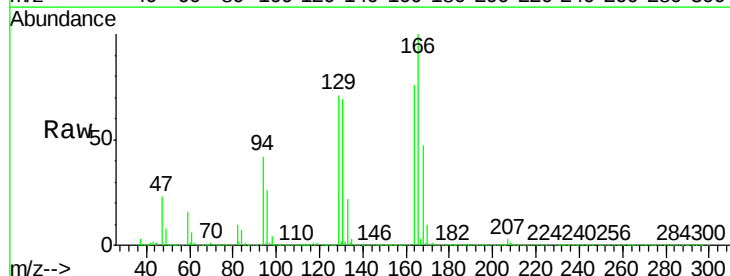
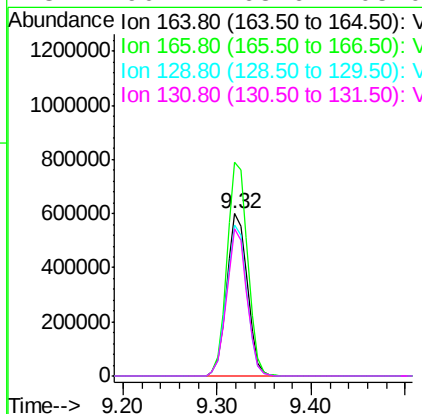
Manual Integrations
APPROVED

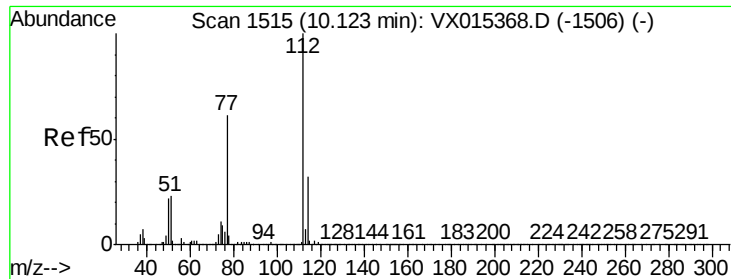
MMDadoda
4/22/2020 10:02:01 AM



#64
Tetrachloroethene
Concen: 92.387 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	97.8	146.6
129	93.3	73.0	109.4
131	90.4	68.6	103.0





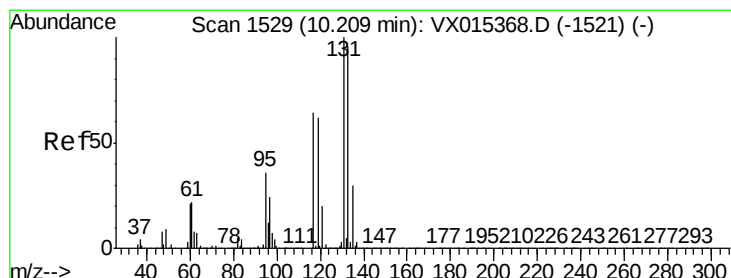
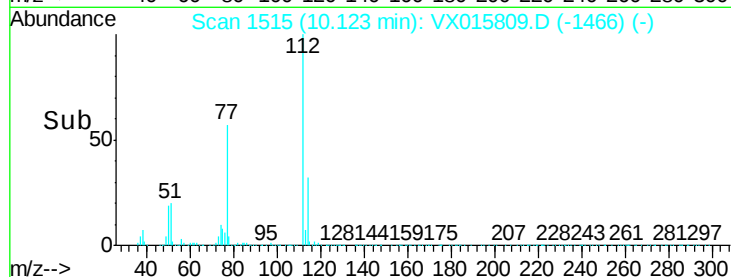
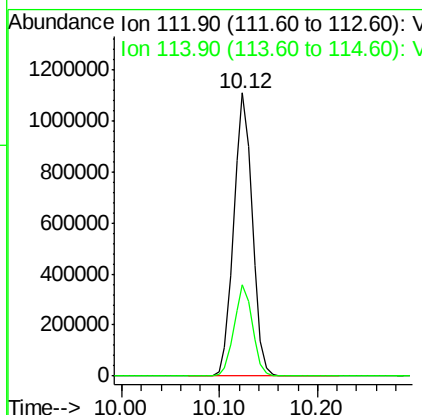
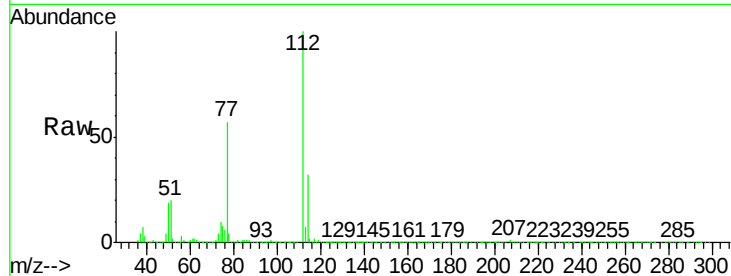
#65
Chlorobenzene
Concen: 56.279 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1461284
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

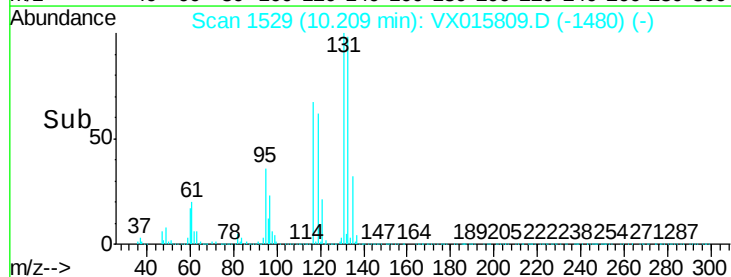
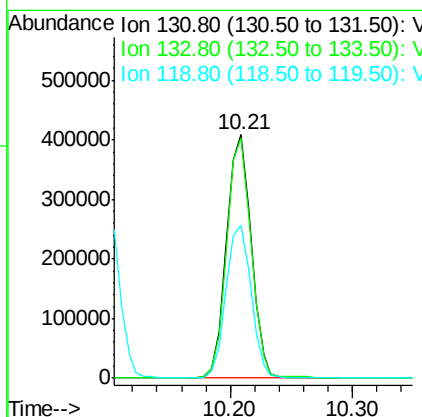
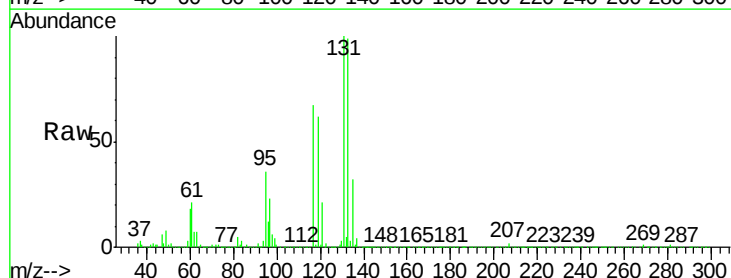
Manual Integrations
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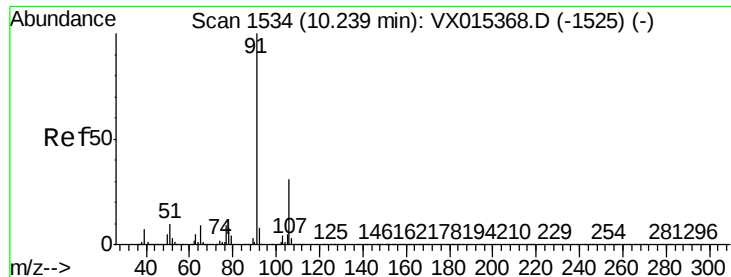
MMDadoda
4/22/2020 10:02:01 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.696 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion:131 Resp: 567371
Ion Ratio Lower Upper
131 100
133 96.8 47.6 142.9
119 64.0 31.1 93.3





#67

Ethyl Benzene

Concen: 54.742 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 2520924

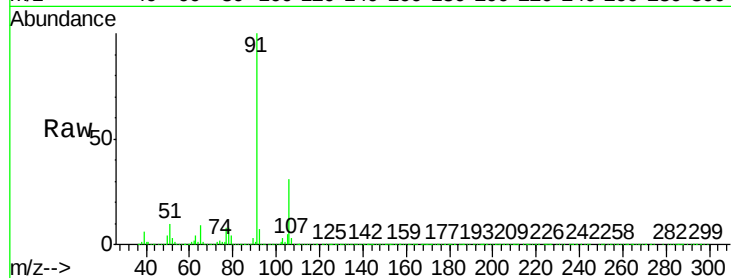
Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2

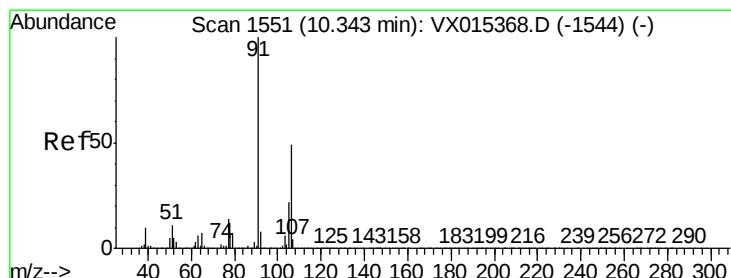
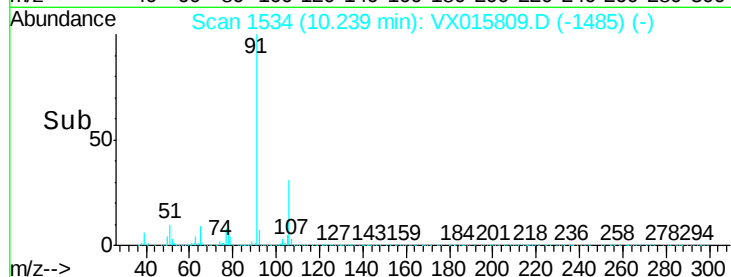
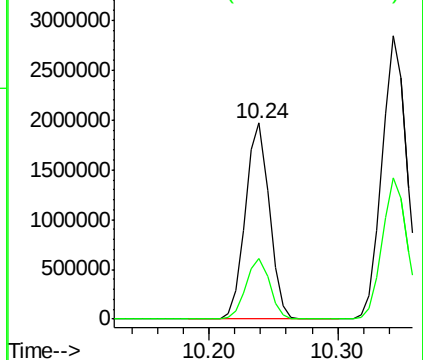
Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:02:01 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 110.306 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015809.D

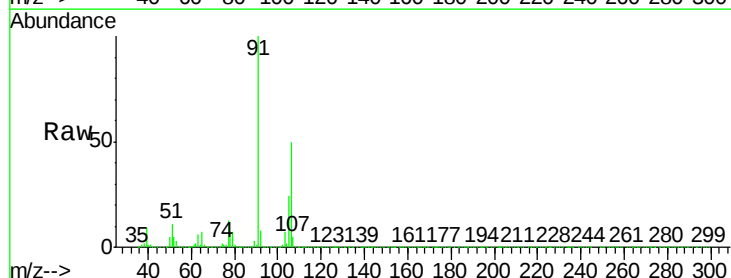
Acq: 21 Apr 2020 20:48

Tgt Ion:106 Resp: 1891519

Ion Ratio Lower Upper

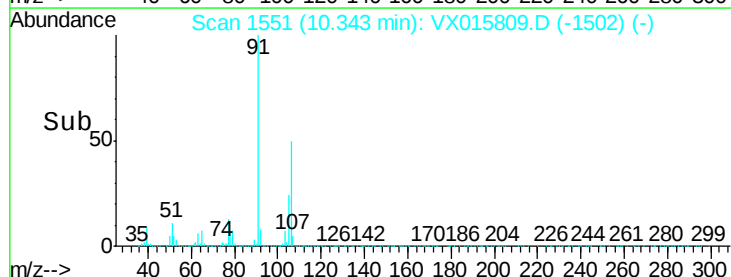
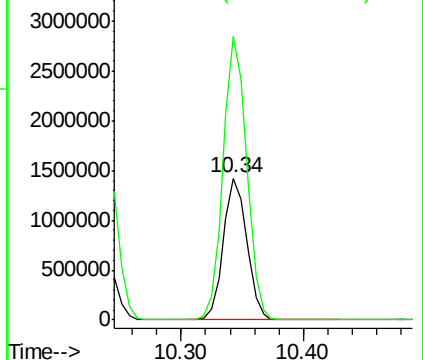
106 100

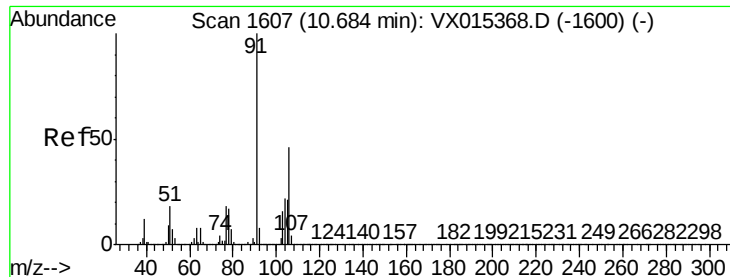
91 201.0 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





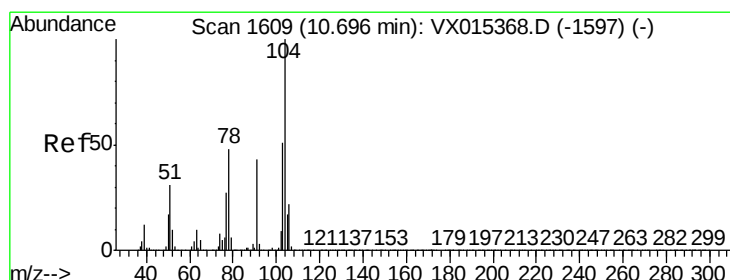
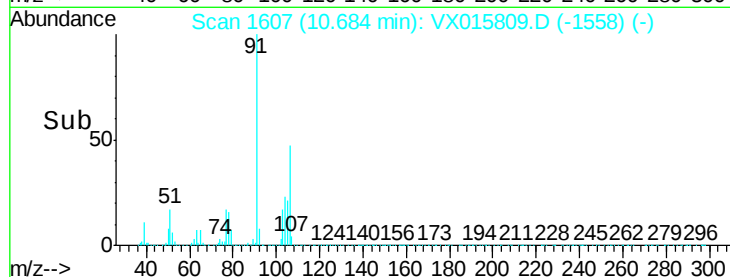
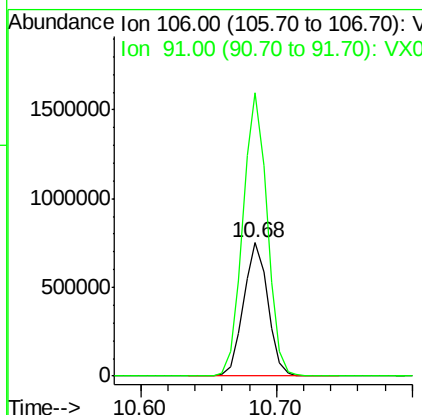
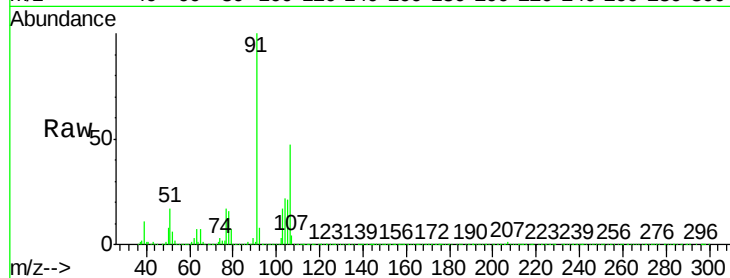
#69
o-Xylene
Concen: 55.316 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.1	107.1	321.3

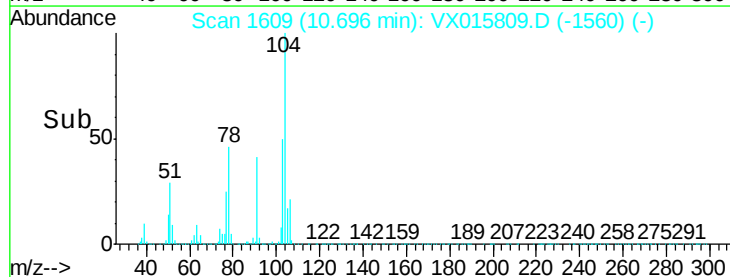
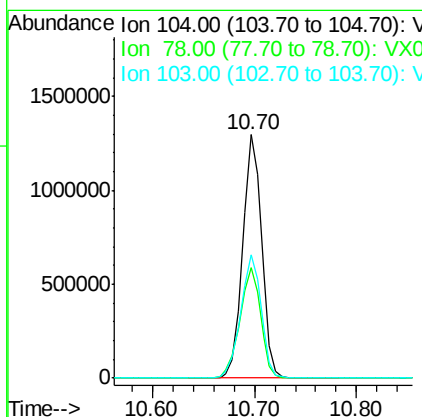
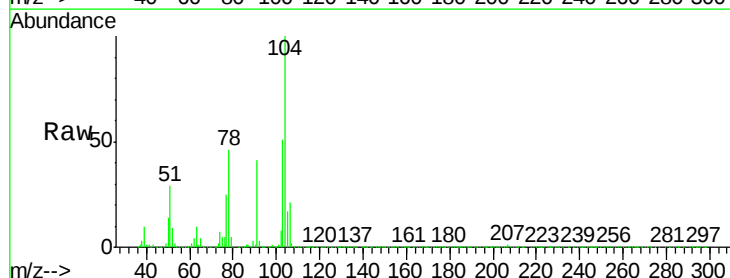
Manual Integrations
APPROVED

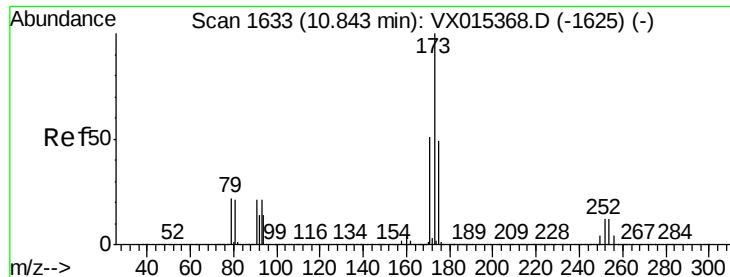
MMDadoda
4/22/2020 10:02:01 AM



#70
Styrene
Concen: 55.687 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.5	42.0	63.0
103	54.2	43.4	65.0





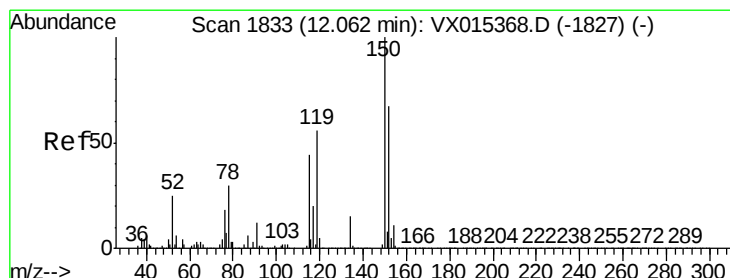
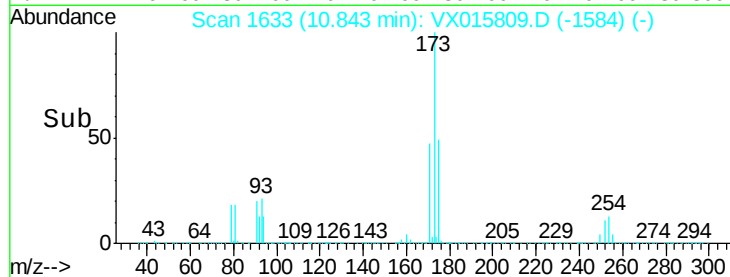
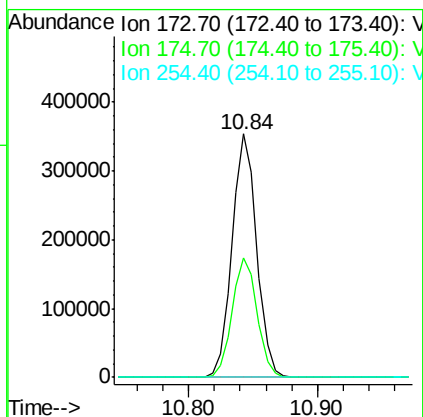
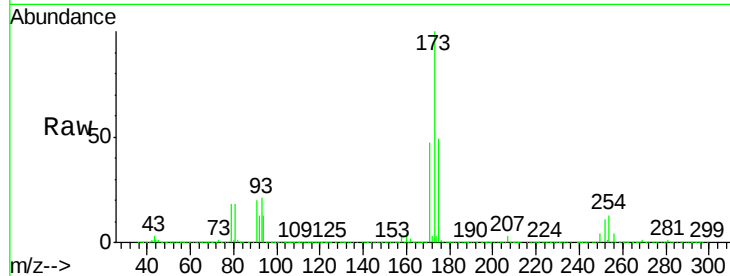
#71
Bromoform
Concen: 50.002 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	23.9	71.7
254	0.3	0.1	0.1#

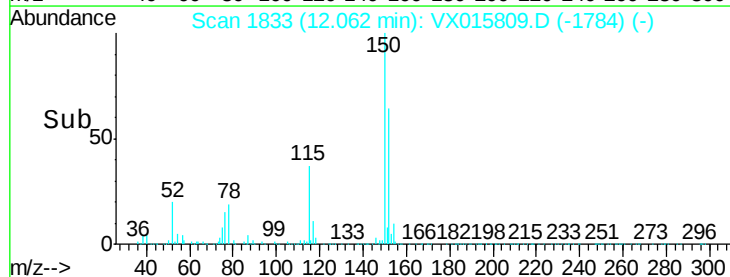
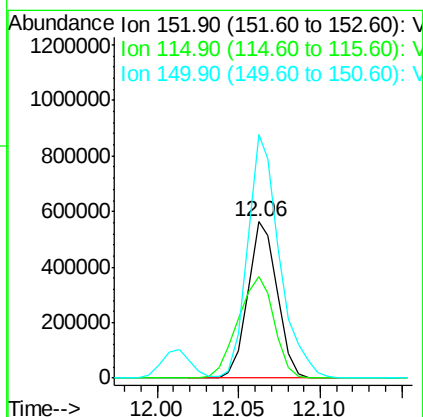
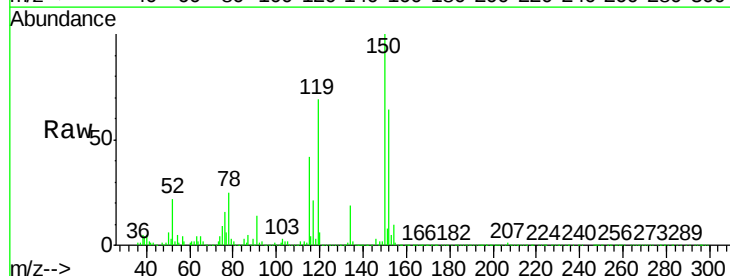
Manual Integrations
APPROVED

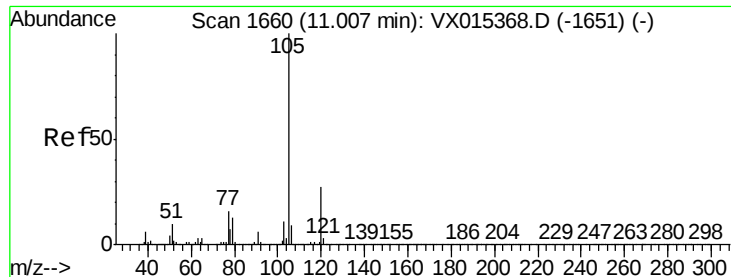
MMDadoda
4/22/2020 10:02:01 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.2	39.0	116.9
150	168.8	0.0	340.8





#73

Isopropylbenzene

Concen: 54.370 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2507197

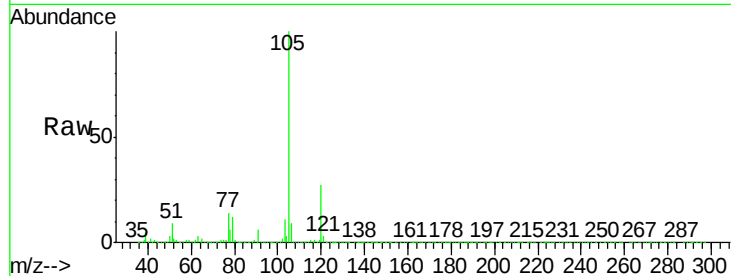
Ion Ratio Lower Upper

105 100

120 26.9 13.2 39.5

Manual Integrations
APPROVED

MMDadoda
4/22/2020 10:02:01 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

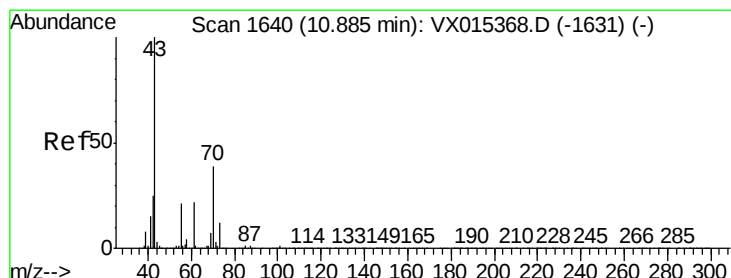
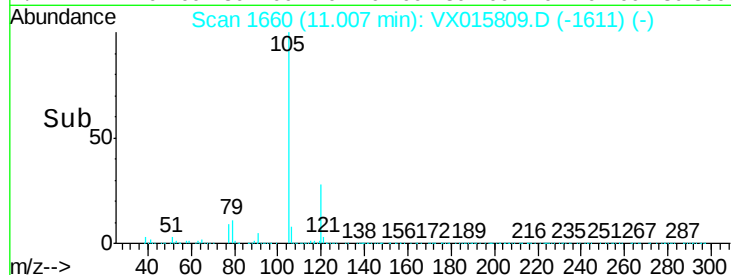
1500000

1000000

500000

0

Time--> 10.90 11.01 11.10



#74

N-ethyl acetate

Concen: 50.458 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion: 43 Resp: 1294119

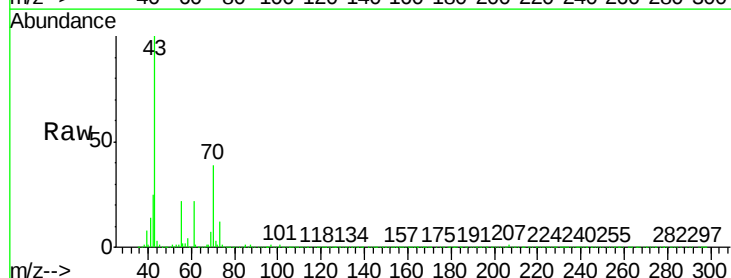
Ion Ratio Lower Upper

43 100

70 40.4 30.2 45.4

55 22.3 16.8 25.2

61 23.4 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

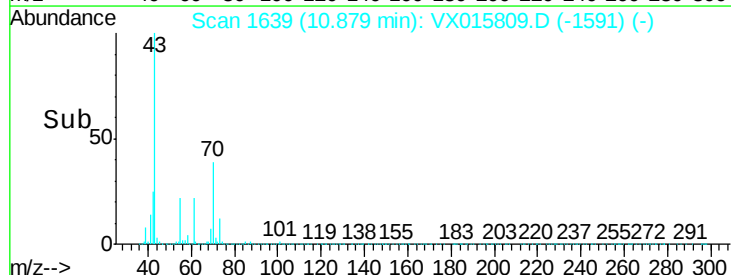
1500000

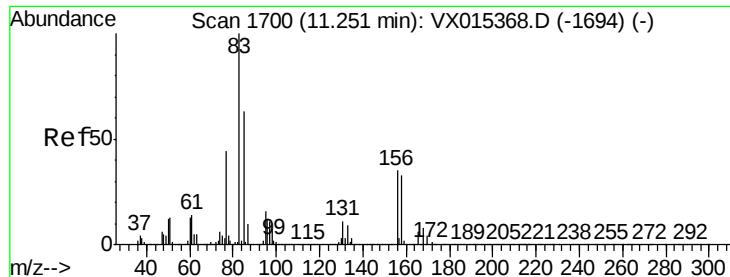
1000000

500000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 41.020 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.01 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

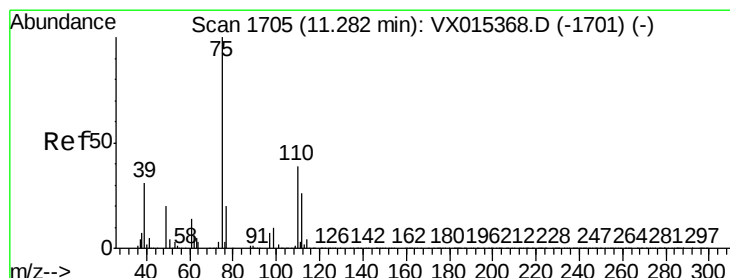
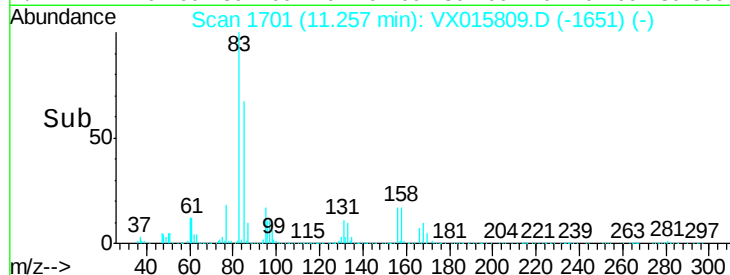
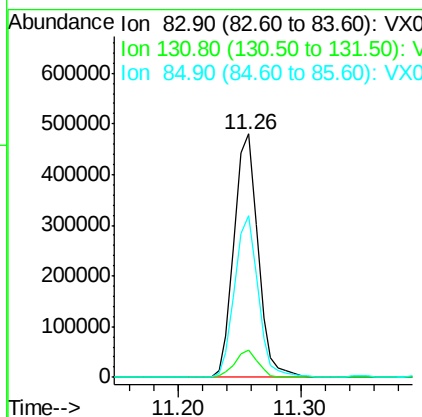
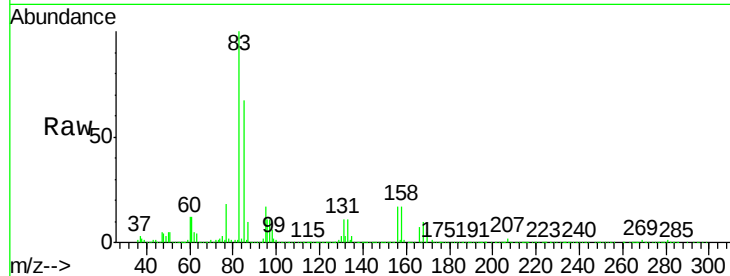
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	649067
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	65.2	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.756 ug/l m

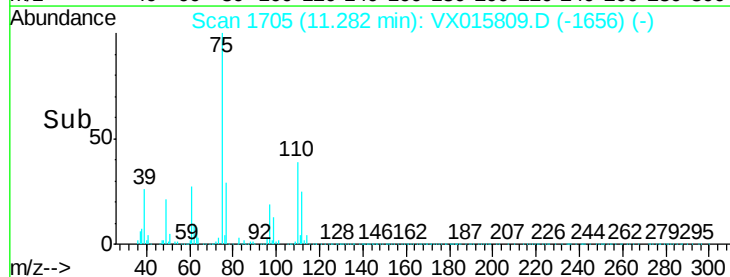
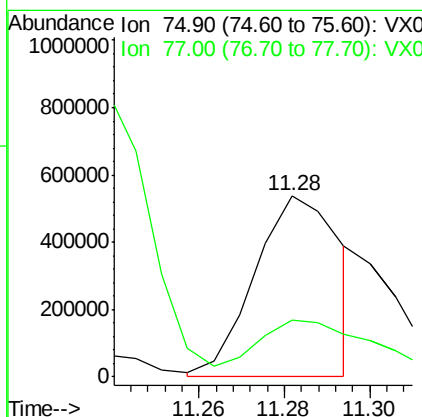
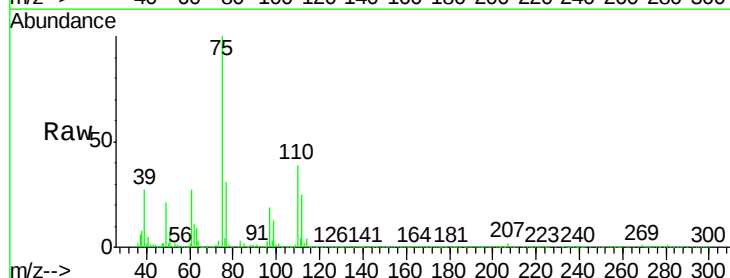
RT: 11.28 min Scan# 1705

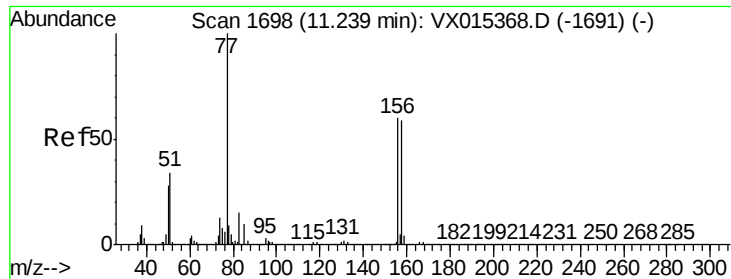
Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion:	75	Resp:	749042
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.2	63.6





#77

Bromobenzene

Concen: 55.811 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

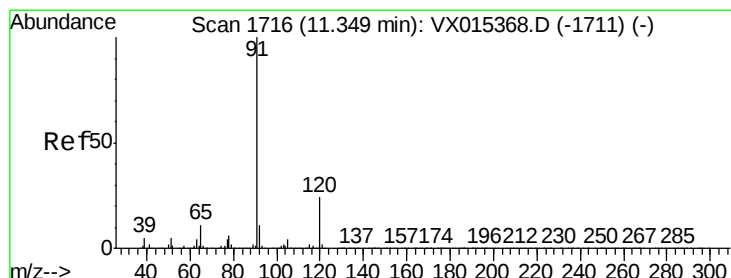
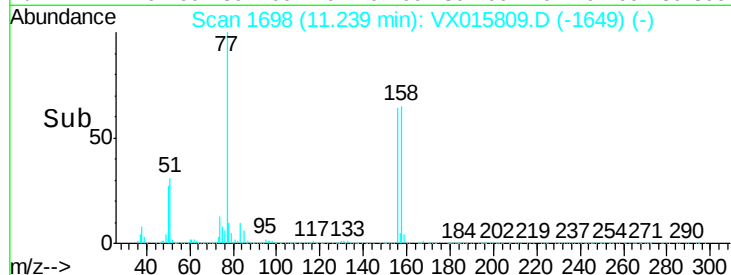
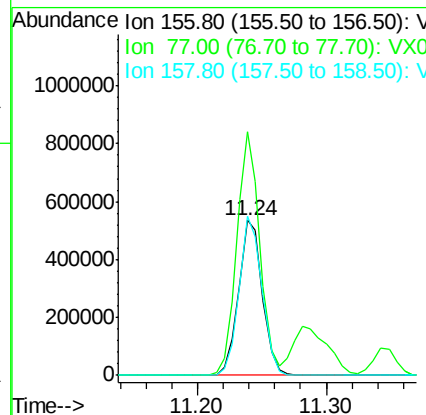
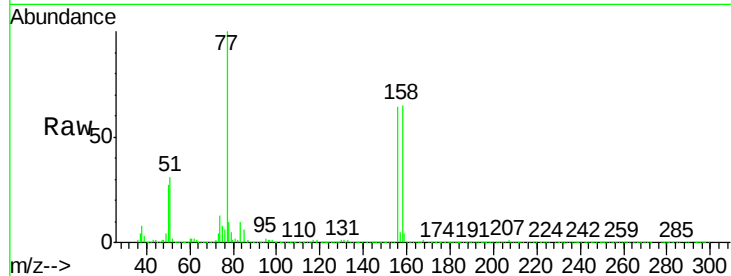
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	686481
Ion Ratio	Lower	Upper	
156	100		
77	152.6	82.2	246.5
158	99.1	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 53.800 ug/l

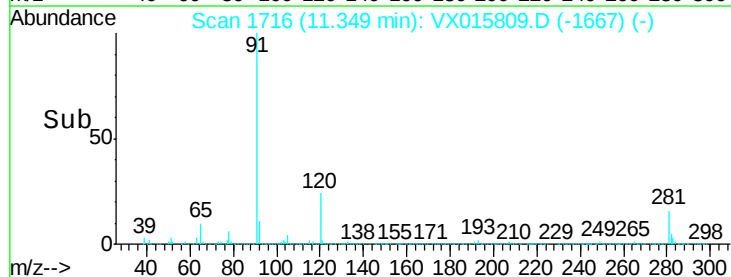
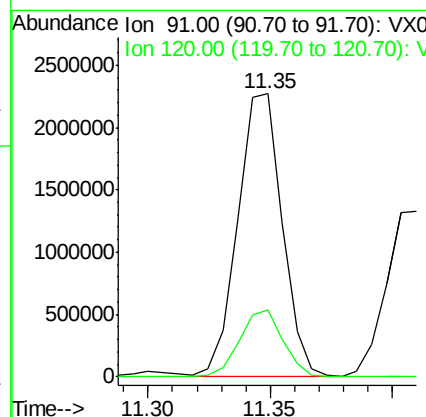
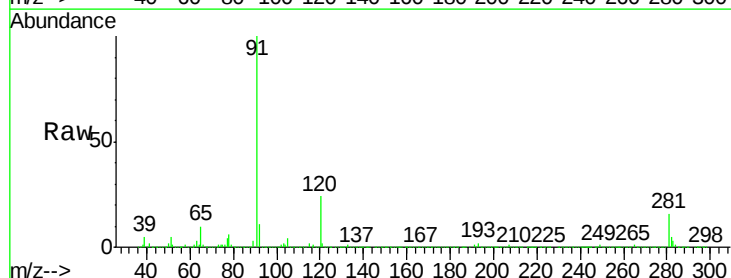
RT: 11.35 min Scan# 1716

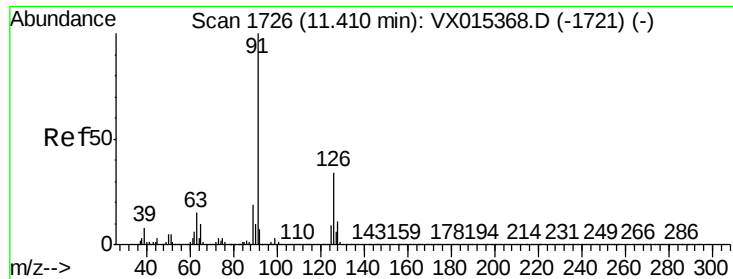
Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion:	91	Resp:	2836837
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





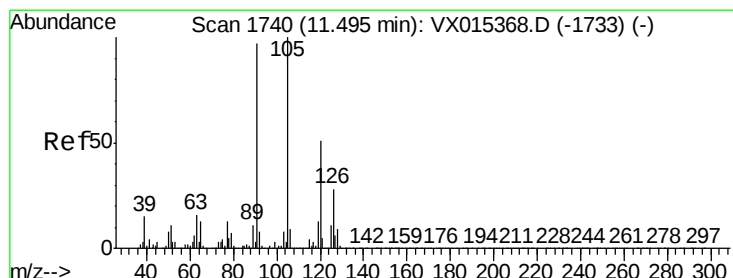
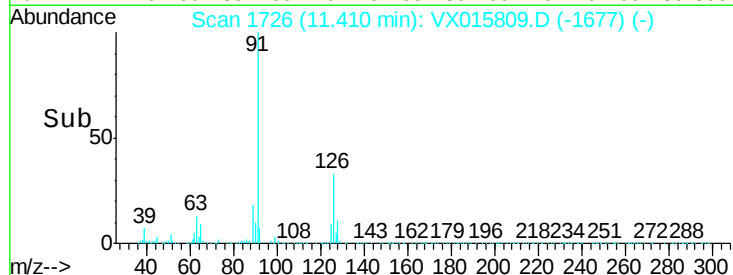
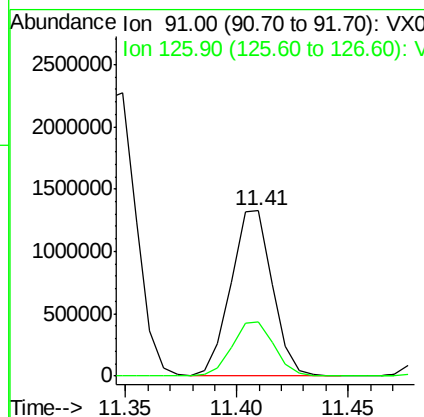
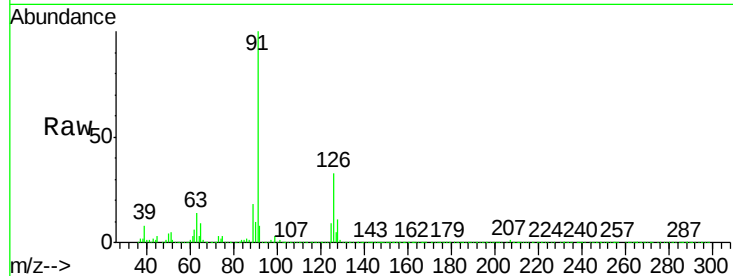
#79
2-Chlorotoluene
Concen: 53.247 ug/l
RT: 11.41 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1720896
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5

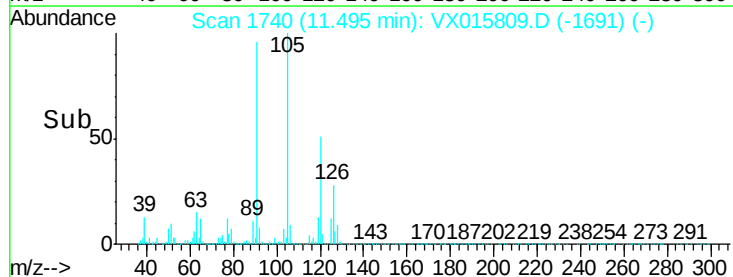
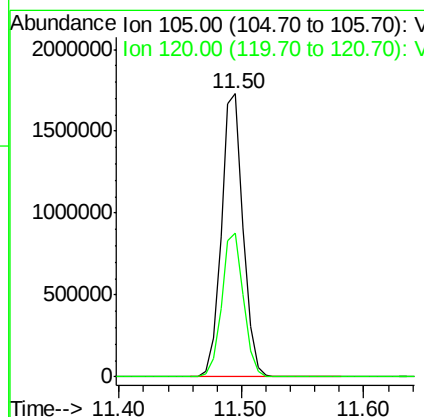
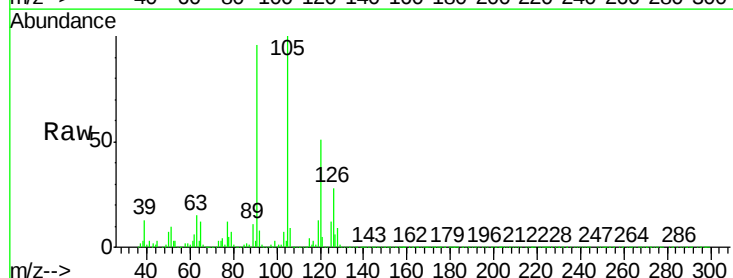
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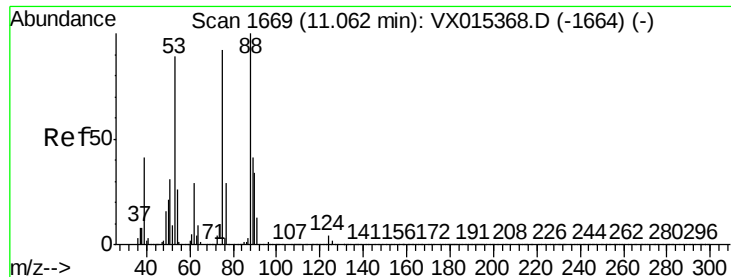
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 53.961 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 105 Resp: 2125081
Ion Ratio Lower Upper
105 100
120 50.8 24.8 74.4





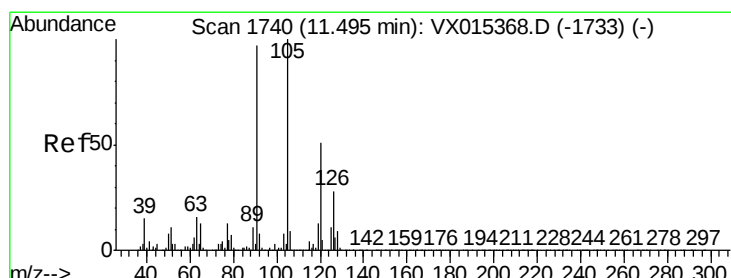
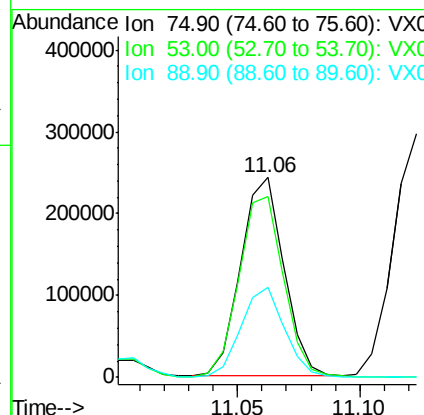
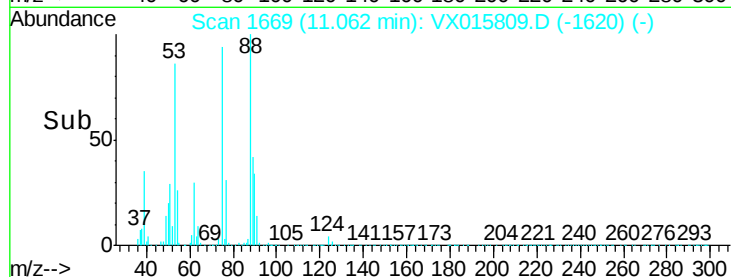
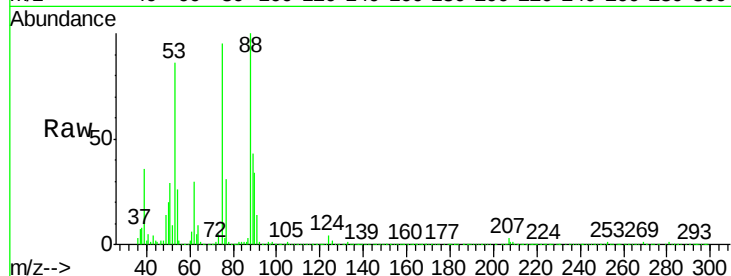
#81
trans-1,4-Dichloro-2-butene
Concen: 49.827 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.2	80.1	120.1
89	45.4	36.1	54.1

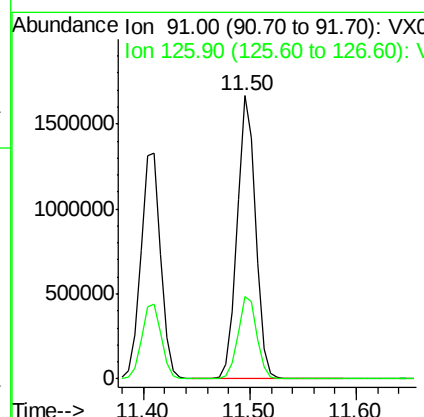
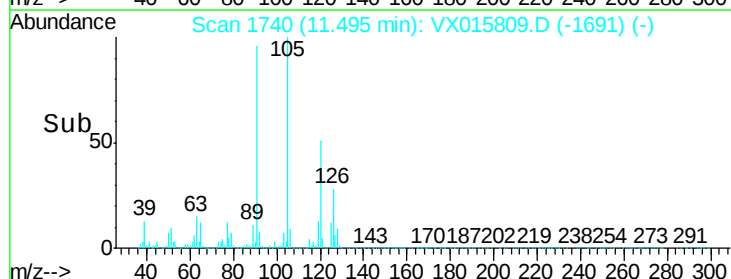
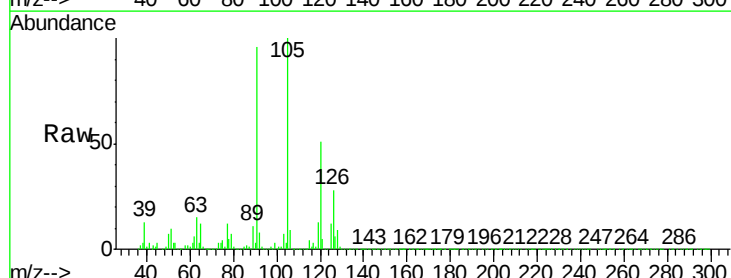
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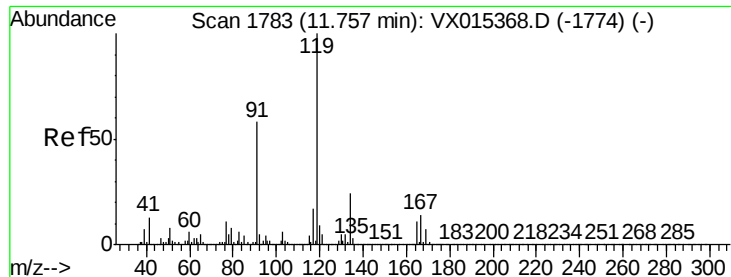
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4/22/2020 10:02:01 AM



#82
4-Chlorotoluene
Concen: 53.528 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	14.7	44.1





#83

tert-Butylbenzene

Concen: 49.892 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

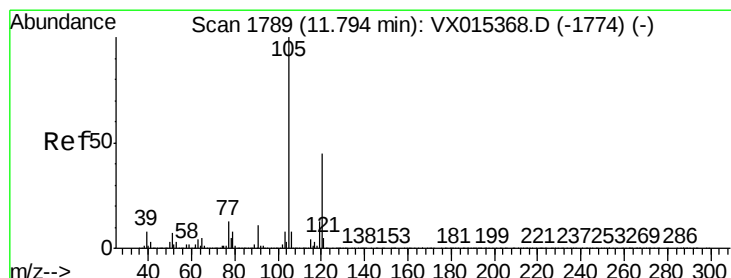
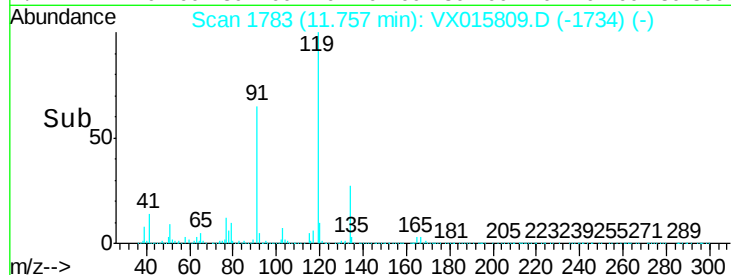
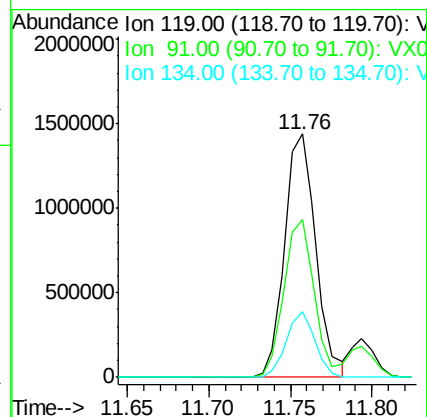
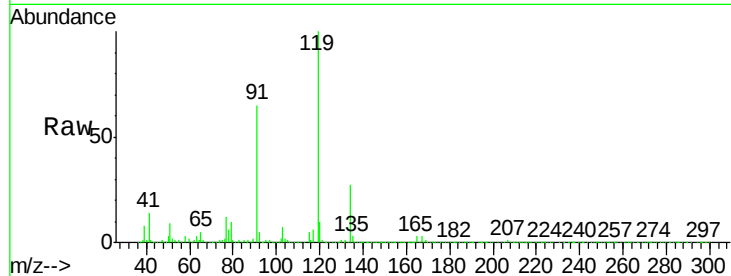
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1919242
Ion	Ratio	Lower	Upper
119	100		
91	62.4	28.6	85.8
134	24.9	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 54.151 ug/l

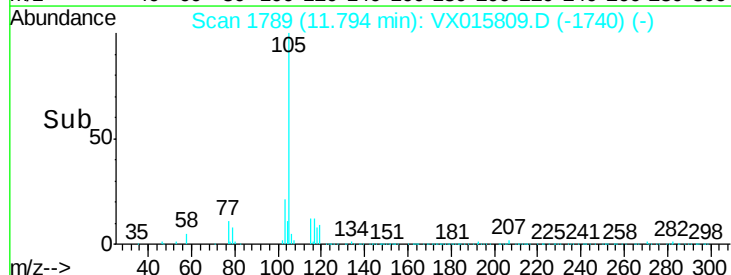
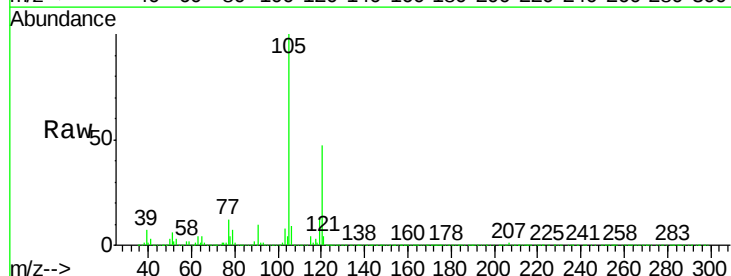
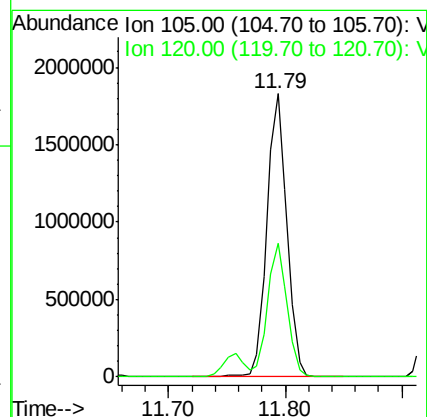
RT: 11.79 min Scan# 1789

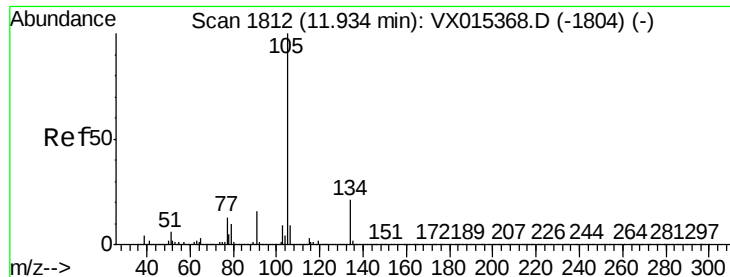
Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Tgt Ion:	105	Resp:	2173197
Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.7	68.1





#85

sec-Butylbenzene

Concen: 54.854 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2440408

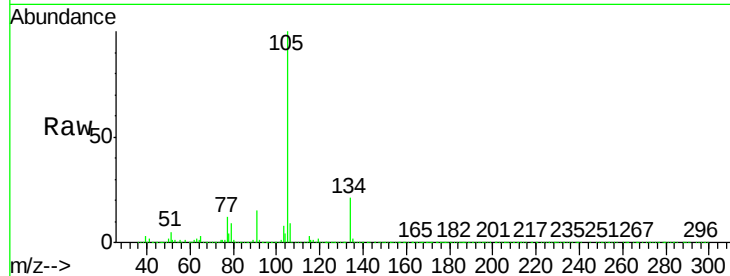
Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.1

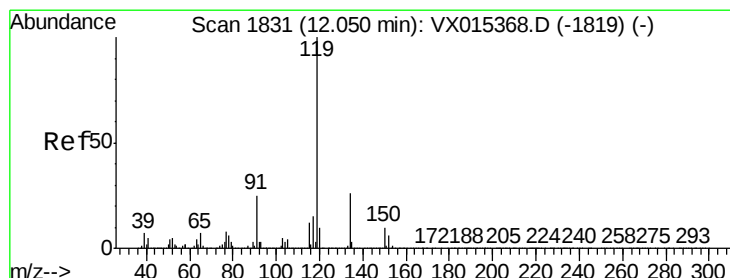
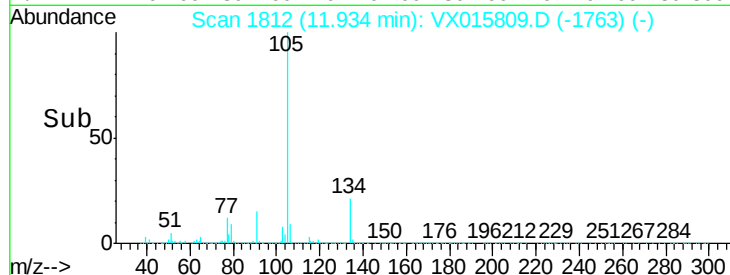
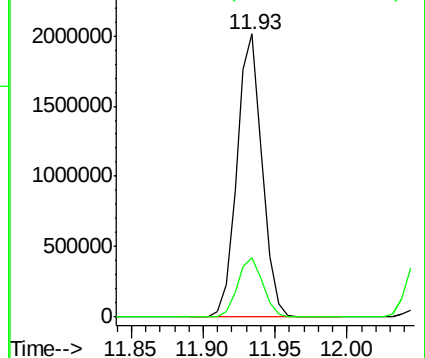
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.145 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015809.D

Acq: 21 Apr 2020 20:48

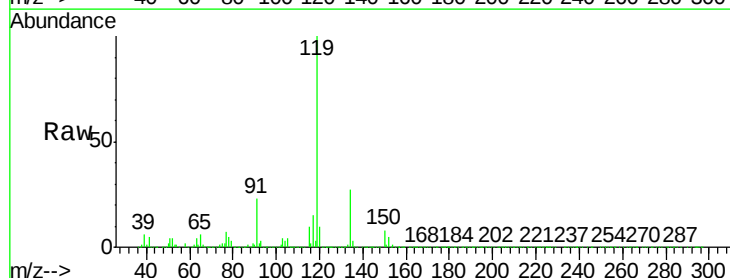
Tgt Ion:119 Resp: 2318879

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

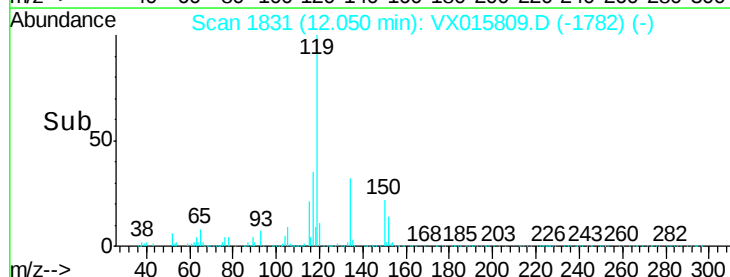
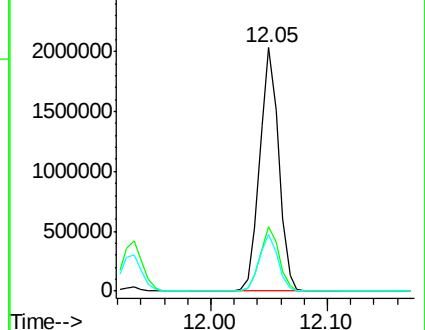
91 23.1 12.4 37.4

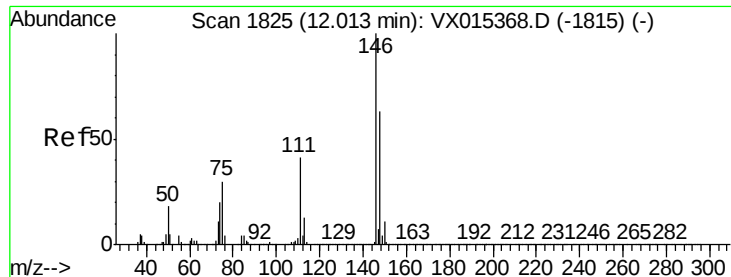


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





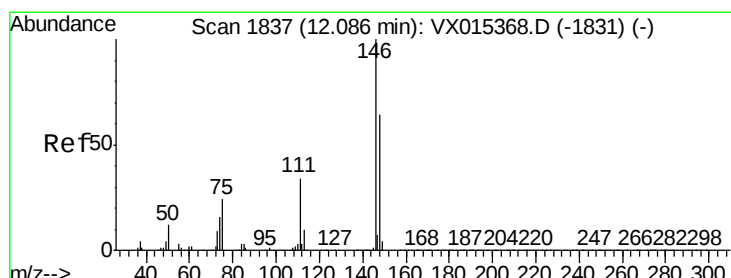
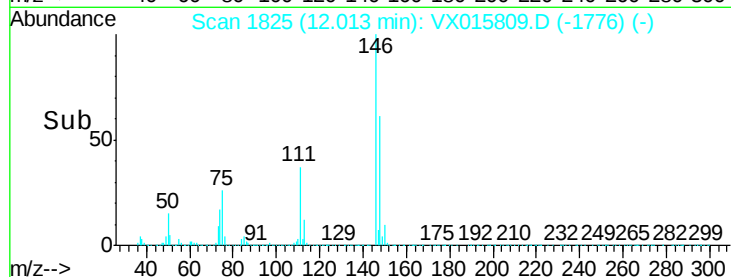
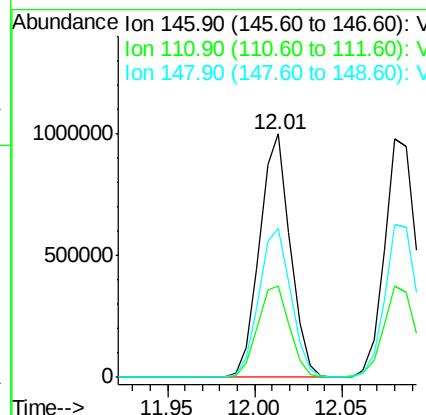
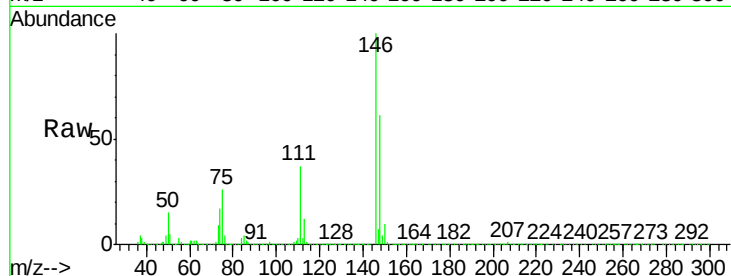
#87
 1,3-Dichlorobenzene
 Concen: 55.548 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.3	60.9
148	63.4	31.3	93.9

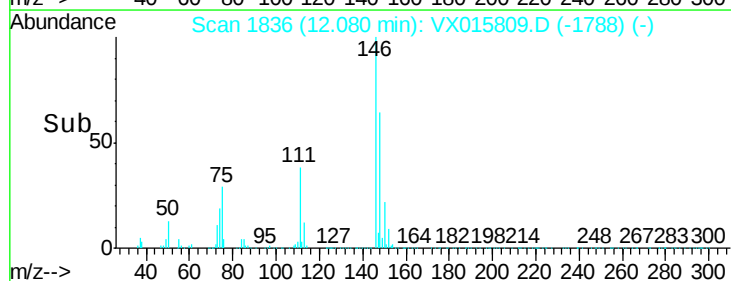
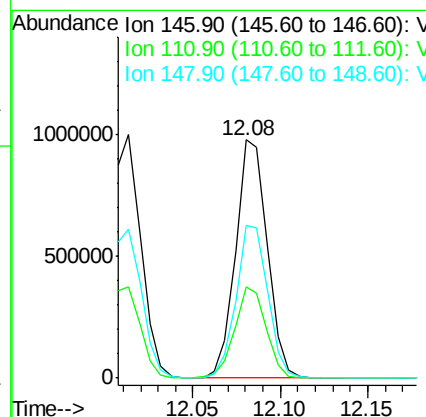
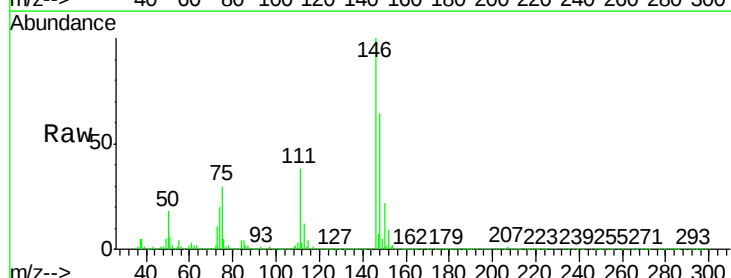
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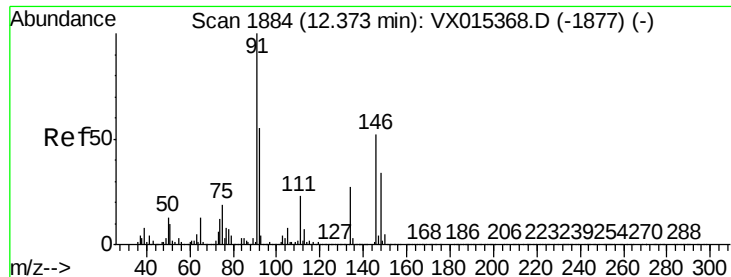
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#88
 1,4-Dichlorobenzene
 Concen: 54.838 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.1	57.5
148	64.2	32.4	97.2





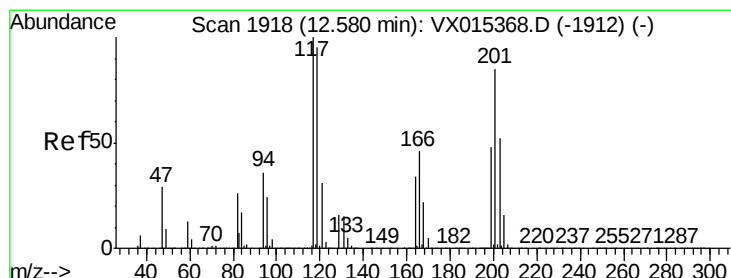
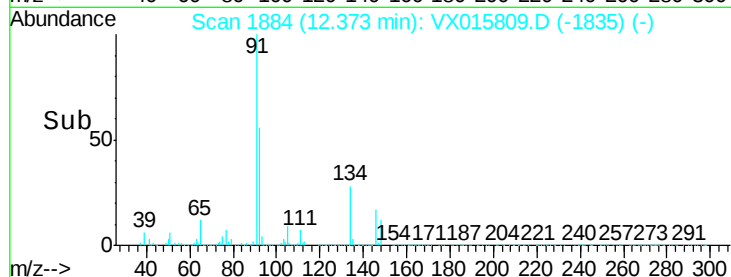
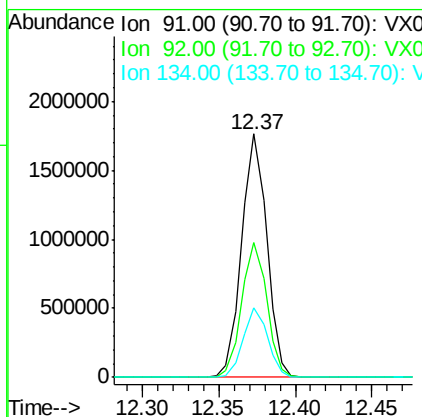
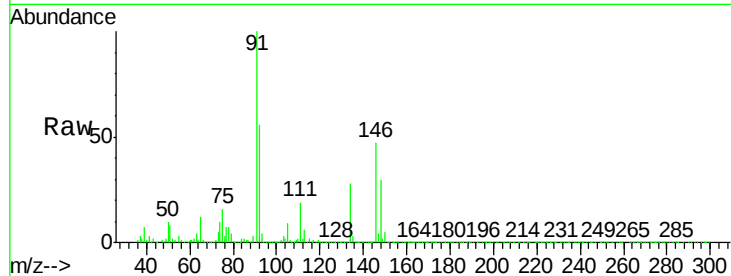
#89
n-Butylbenzene
Concen: 54.031 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2016612
Ion Ratio Lower Upper
91 100
92 55.6 27.2 81.5
134 27.8 13.4 40.2

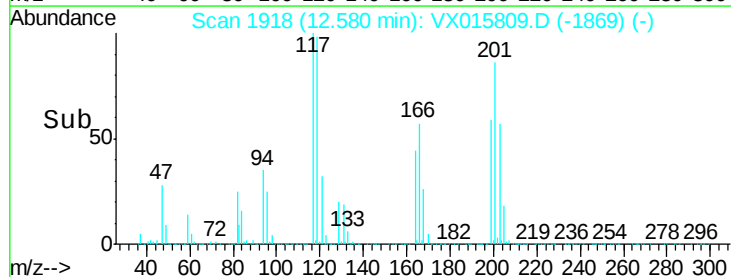
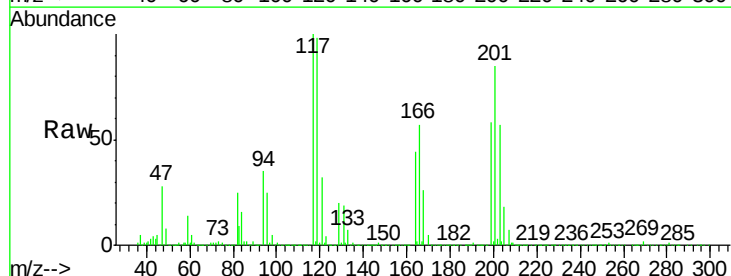
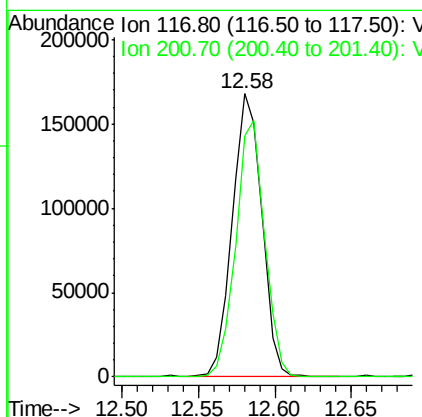
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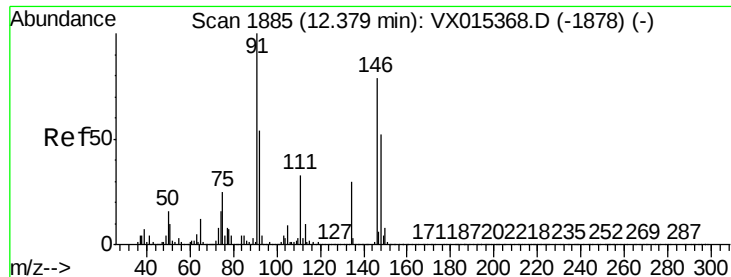
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#90
Hexachloroethane
Concen: 27.755 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion: 117 Resp: 223117
Ion Ratio Lower Upper
117 100
201 88.8 42.6 128.0





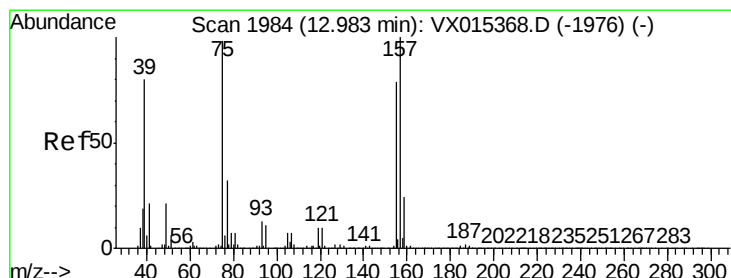
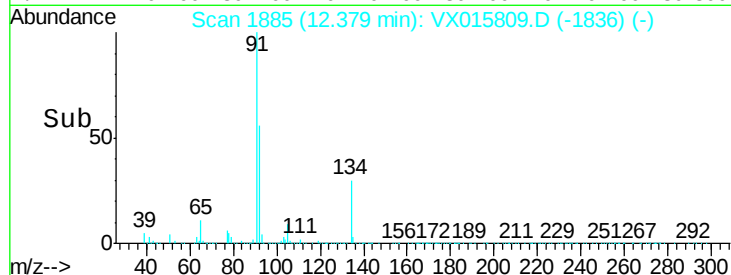
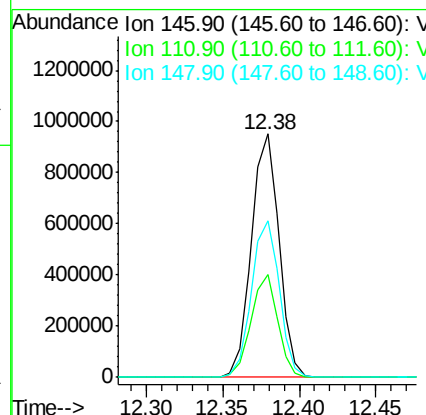
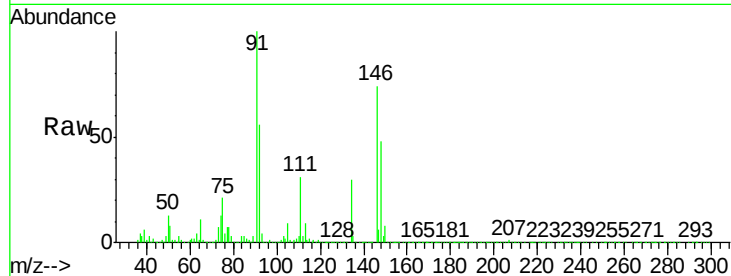
#91
 1,2-Dichlorobenzene
 Concen: 55.427 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.0	63.0
148	64.7	32.4	97.0

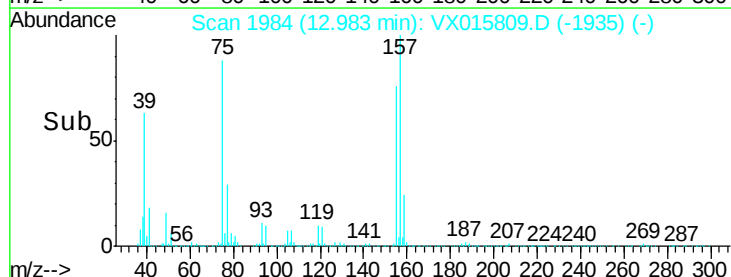
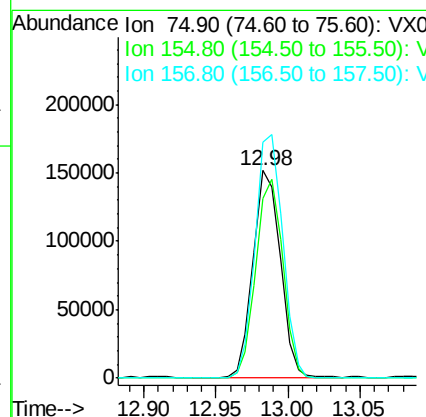
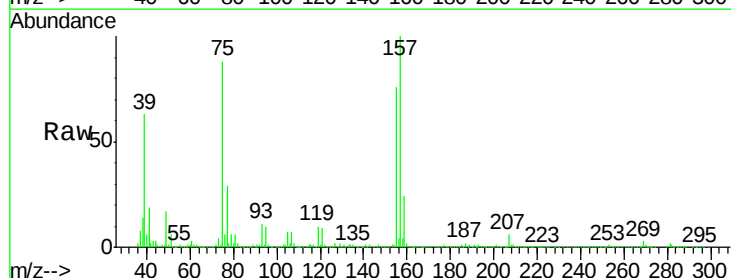
Manual Integrations
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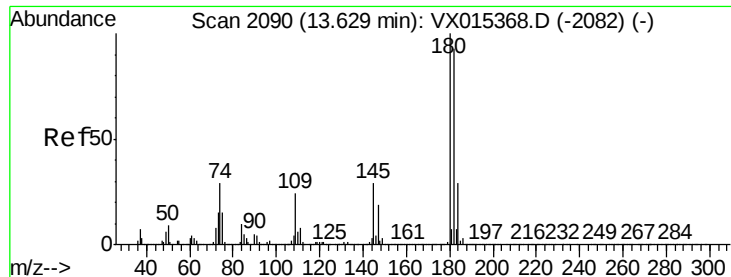
MMDadoda
 4/22/2020 10:02:01 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.285 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	42.8	128.4
157	119.8	53.4	160.3





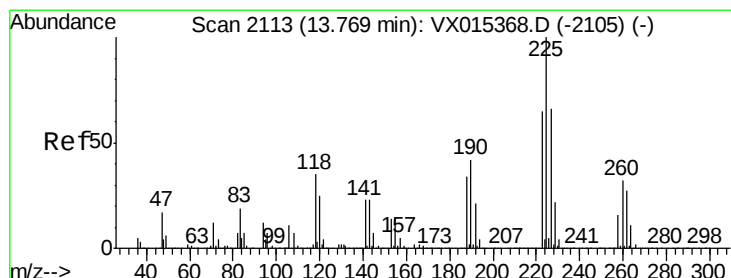
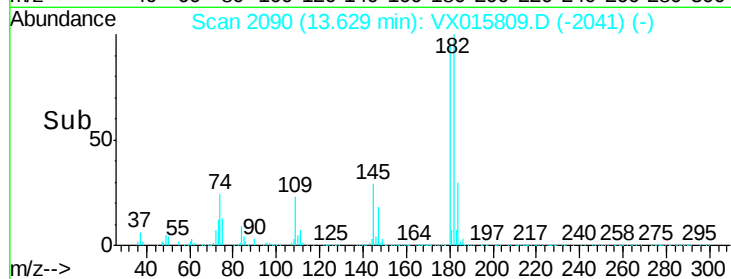
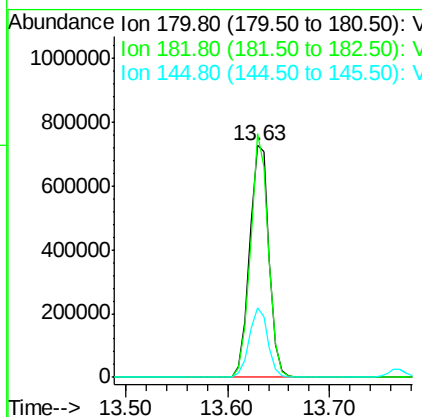
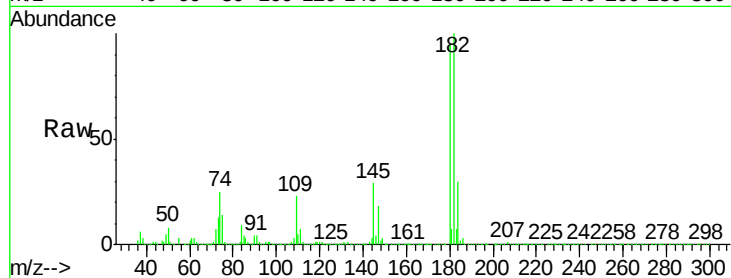
#93
 1,2,4-Trichlorobenzene
 Concen: 56.545 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	963818		
182	96.8	46.9	140.7	
145	28.7	14.9	44.5	

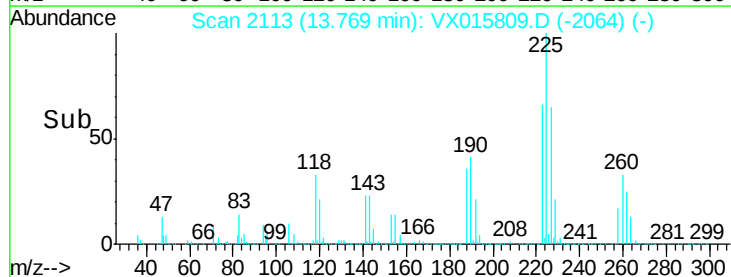
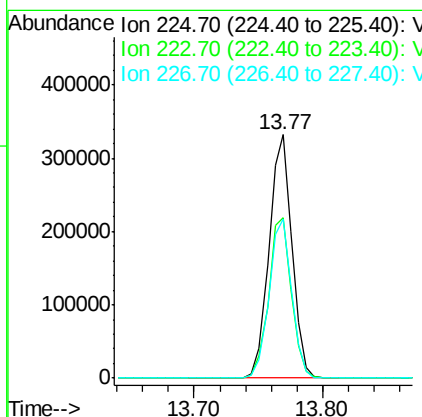
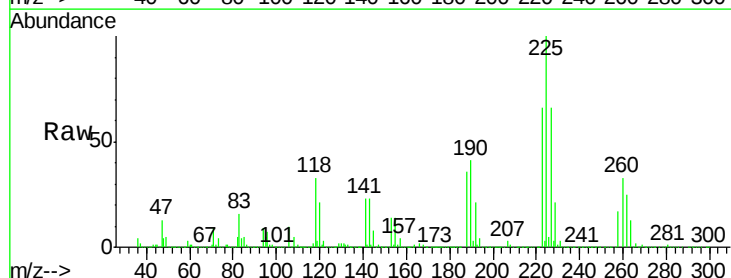
Manual Integrations
 APPROVED

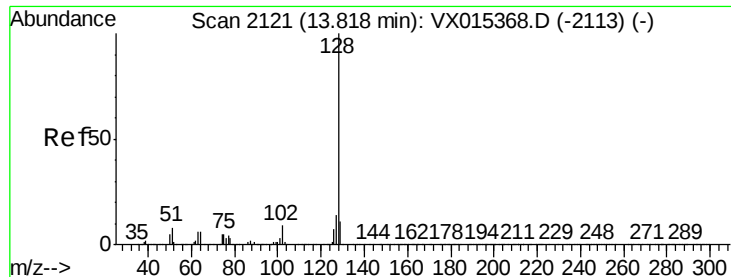
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 4/22/2020 10:02:01 AM



#94
 Hexachlorobutadiene
 Concen: 50.421 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015809.D
 Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	409191		
223	65.7	31.9	95.7	
227	65.0	30.4	91.3	





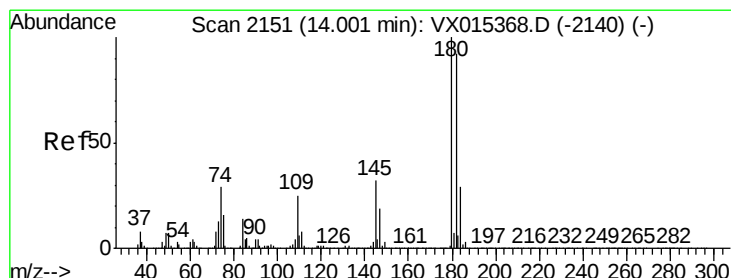
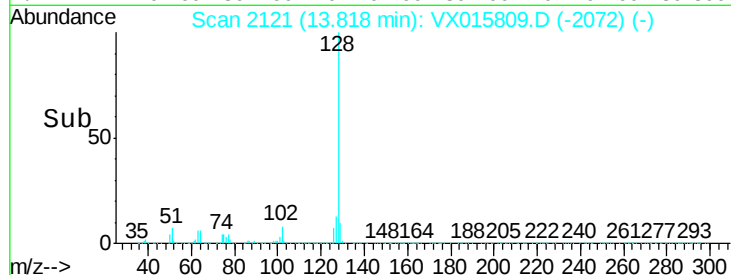
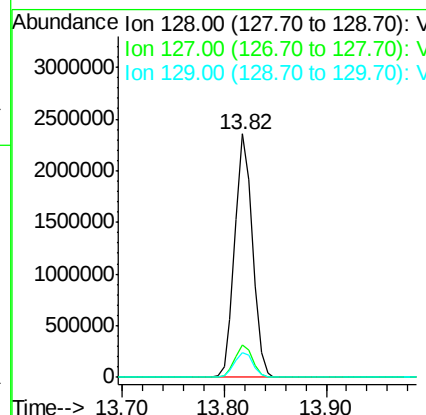
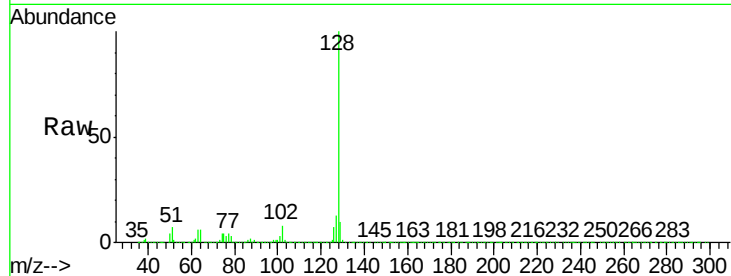
#95
Naphthalene
Concen: 53.913 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	10.8	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 56.947 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015809.D
Acq: 21 Apr 2020 20:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	46.7	140.0
145	30.6	15.8	47.3

