

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041720\
 Data File : VX015754.D
 Acq On : 17 Apr 2020 21:18
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:03:16 AM

Quant Time: Apr 20 06:36:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	974956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1508823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1403609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	755582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	624137	45.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.78%	
35) Dibromofluoromethane	5.47	113	498066	51.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.28%	
50) Toluene-d8	8.70	98	1822609	51.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.66%	
62) 4-Bromofluorobenzene	11.12	95	735106	50.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	356008	41.447	ug/l	97
3) Chloromethane	1.31	50	411723	37.639	ug/l	99
4) Vinyl Chloride	1.39	62	475683	47.359	ug/l	99
5) Bromomethane	1.62	94	47429	2.572	ug/l	99
6) Chloroethane	1.71	64	307297	49.330	ug/l	98
7) Trichlorofluoromethane	1.91	101	653873	48.543	ug/l	97
8) Diethyl Ether	2.17	74	273753	48.183	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	442175	50.355	ug/l	97
10) Methyl Iodide	2.49	142	106780	9.019	ug/l	96
11) Tert butyl alcohol	3.01	59	675473	205.230	ug/l	99
12) 1,1-Dichloroethene	2.36	96	449266	48.809	ug/l	99
13) Acrolein	2.27	56	426203	227.324	ug/l	99
14) Allyl chloride	2.71	41	940371	43.723	ug/l	96
15) Acrylonitrile	3.12	53	1537060	244.881	ug/l	99
16) Acetone	2.42	43	1345771	227.803	ug/l	97
17) Carbon Disulfide	2.55	76	3454274	123.019	ug/l	99
18) Methyl Acetate	2.75	43	743528	49.312	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	1727545	48.392	ug/l	98
20) Methylene Chloride	2.84	84	520959	47.212	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	487710	47.743	ug/l	97
22) Diisopropyl ether	3.83	45	1864094	48.913	ug/l	94
23) Vinyl Acetate	3.79	43	8167105	236.688	ug/l	99
24) 1,1-Dichloroethane	3.67	63	956294	47.658	ug/l	99
25) 2-Butanone	4.64	43	2229634	234.681	ug/l	99
26) 2,2-Dichloropropane	4.56	77	700636	42.539	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	584531	49.458	ug/l	96
28) Bromochloromethane	4.98	49	424161	44.274	ug/l	95
29) Tetrahydrofuran	5.09	42	1438022	235.443	ug/l	98
30) Chloroform	5.18	83	936854	48.529	ug/l	97
31) Cyclohexane	5.55	56	812663	46.686	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	832135	47.629	ug/l	99
36) 1,1-Dichloropropene	5.77	75	694925	49.987	ug/l	99
37) Ethyl Acetate	4.80	43	865110	47.792	ug/l	99
38) Carbon Tetrachloride	5.76	117	723435	48.045	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	800270	49.926	ug/l	94
40) Benzene	6.12	78	2084901	51.197	ug/l	97
41) Methacrylonitrile	5.00	41	509815	50.735	ug/l	98
42) 1,2-Dichloroethane	6.17	62	791632	48.395	ug/l	99
43) Isopropyl Acetate	6.42	43	1482126	48.503	ug/l	99
44) Trichloroethene	7.19	130	612656	55.163	ug/l	96
45) 1,2-Dichloropropane	7.50	63	563008	50.538	ug/l	97
46) Dibromomethane	7.64	93	366691	50.179	ug/l	96
47) Bromodichloromethane	7.88	83	759461	48.773	ug/l	94
48) Methyl methacrylate	7.75	41	733874	48.082	ug/l	95
49) 1,4-Dioxane	7.72	88	262385	921.517	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	4396976	253.904	ug/l	99
52) Toluene	8.77	92	1310451	52.195	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	837414	45.855	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	900359	48.398	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	546503	53.129	ug/l	96
56) Ethyl methacrylate	9.16	69	931125	51.363	ug/l	95
57) 1,3-Dichloropropane	9.36	76	934175	50.406	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1981444	224.710	ug/l	98
59) 2-Hexanone	9.48	43	3313852	253.463	ug/l	98
60) Dibromochloromethane	9.57	129	635986	51.453	ug/l	99
61) 1,2-Dibromoethane	9.65	107	575508	51.454	ug/l	100
64) Tetrachloroethene	9.32	164	555574	52.449	ug/l	97
65) Chlorobenzene	10.12	112	1447931	51.726	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	562712	50.318	ug/l	98
67) Ethyl Benzene	10.24	91	2604207	52.455	ug/l	99
68) m/p-Xylenes	10.34	106	1939964	104.938	ug/l	97
69) o-Xylene	10.68	106	947730	51.879	ug/l	98
70) Styrene	10.70	104	1670979	51.981	ug/l	98
71) Bromoform	10.84	173	490736	48.204	ug/l #	98
73) Isopropylbenzene	11.01	105	2541839	51.343	ug/l	100
74) N-amyl acetate	10.88	43	1289758	46.841	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	863919	50.855	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	739907m	47.619	ug/l	
77) Bromobenzene	11.24	156	686458	51.983	ug/l	94
78) n-propylbenzene	11.34	91	2846322	50.279	ug/l	98
79) 2-Chlorotoluene	11.40	91	1716095	49.458	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2153197	50.926	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	188497	29.109	ug/l	99
82) 4-Chlorotoluene	11.49	91	2028488	49.869	ug/l	99
83) tert-Butylbenzene	11.76	119	2103116	50.924	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2178976	50.573	ug/l	98
85) sec-Butylbenzene	11.93	105	2425953	50.790	ug/l	99
86) p-Isopropyltoluene	12.05	119	2270614	51.207	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1222845	51.727	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1235124	51.292	ug/l	99
89) n-Butylbenzene	12.37	91	2029333	50.644	ug/l	99
90) Hexachloroethane	12.58	117	300553	34.824	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	1210890	52.339	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	197529	41.197	ug/l	87

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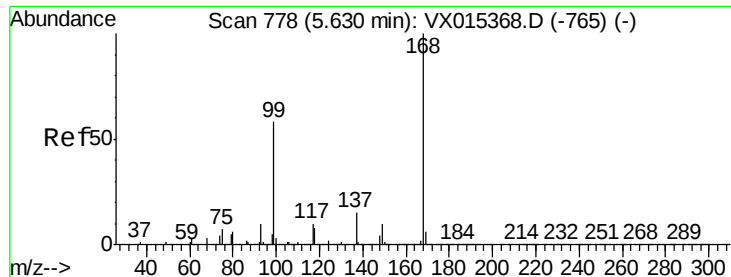
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	990011	54.099	ug/l	99
94) Hexachlorobutadiene	13.77	225	390110	44.775	ug/l	98
95) Naphthalene	13.82	128	2982456	53.429	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	927081	52.618	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 974956

Ion Ratio Lower Upper

168 100

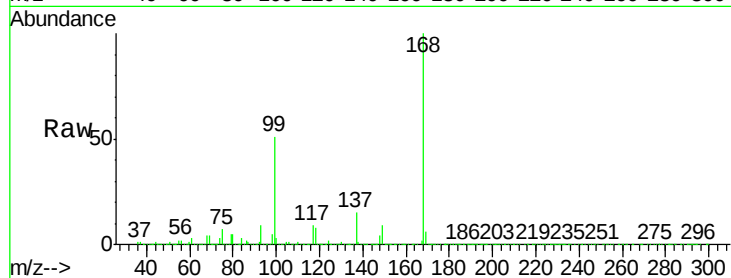
99 51.0 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

400000

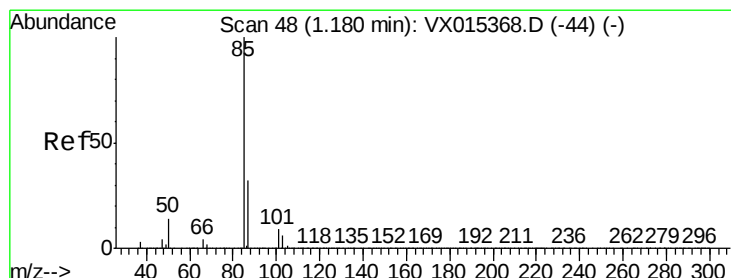
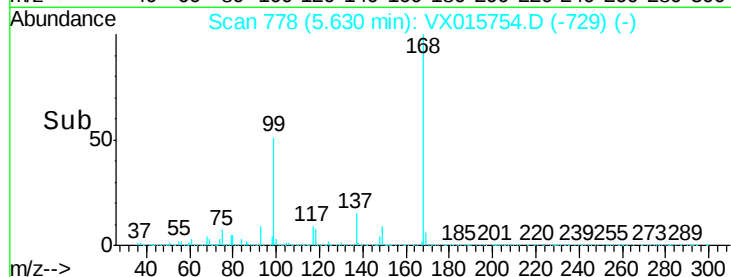
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.447 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015754.D

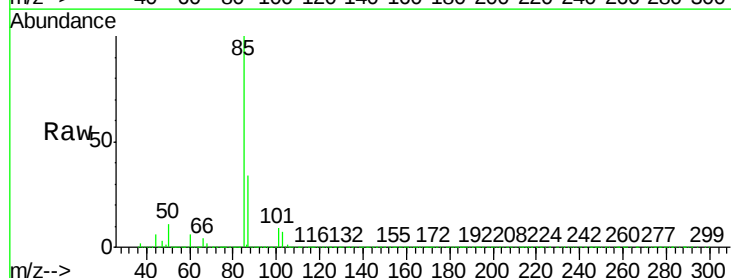
Acq: 17 Apr 2020 21:18

Tgt Ion: 85 Resp: 356008

Ion Ratio Lower Upper

85 100

87 33.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

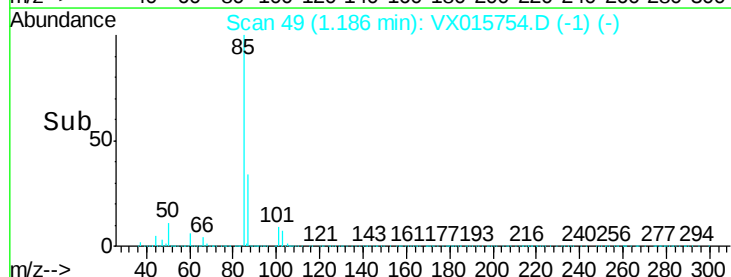
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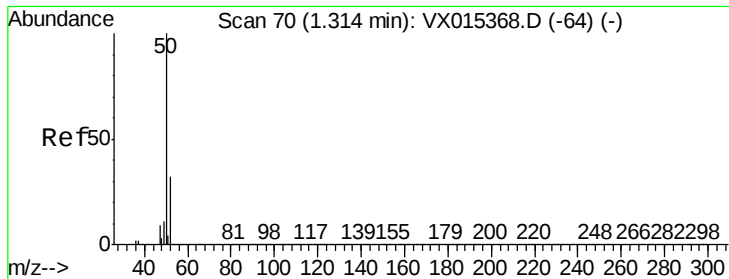
200000

100000

0

Time-->





#3

Chloromethane

Concen: 37.639 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 411723

Ion Ratio Lower Upper

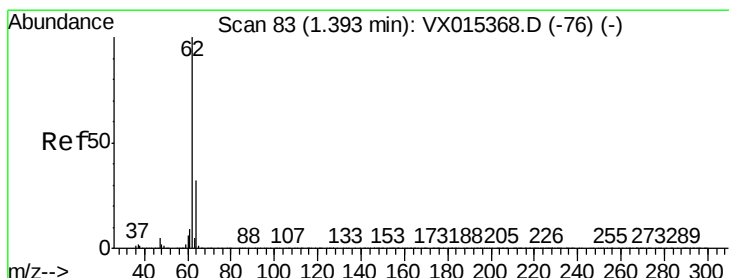
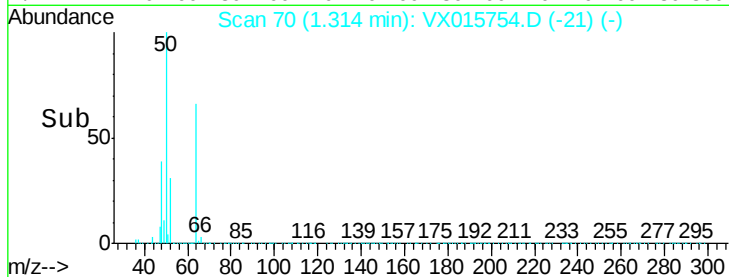
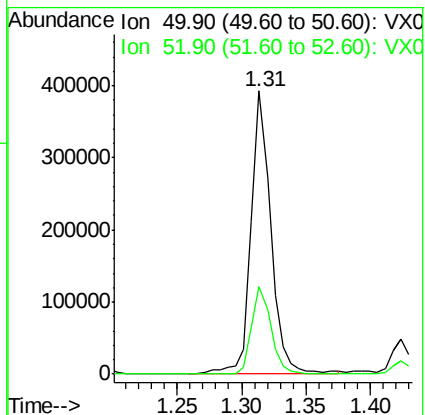
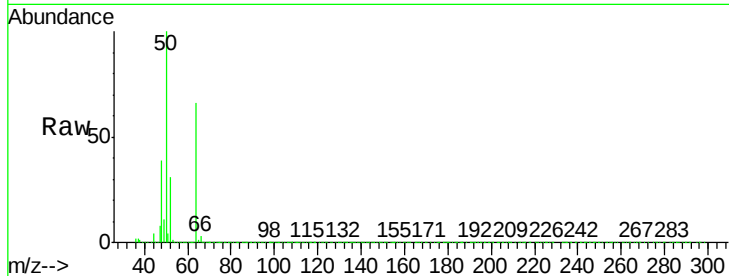
50 100

52 31.0 25.3 37.9

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#4

Vinyl Chloride

Concen: 47.359 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015754.D

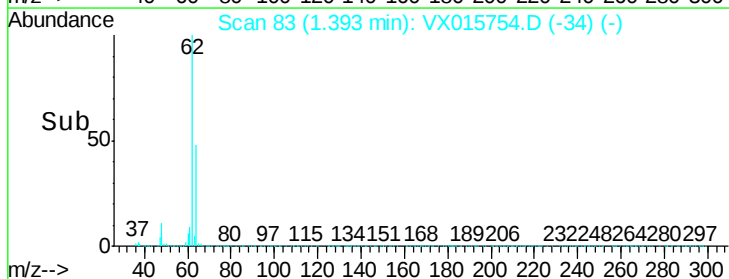
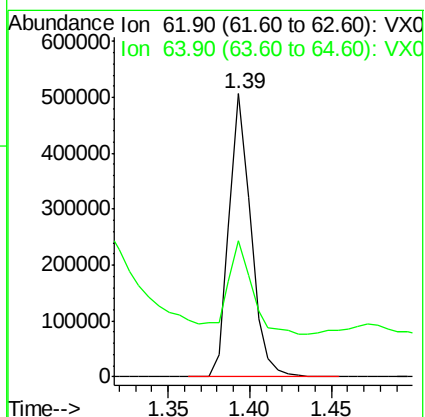
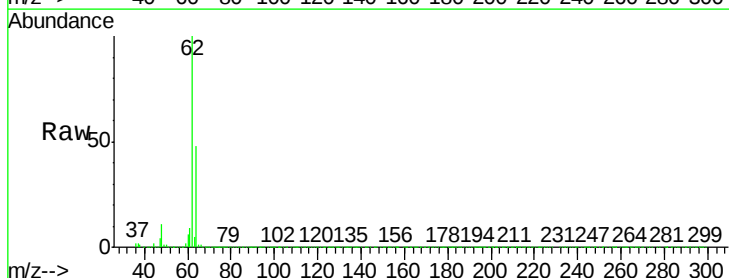
Acq: 17 Apr 2020 21:18

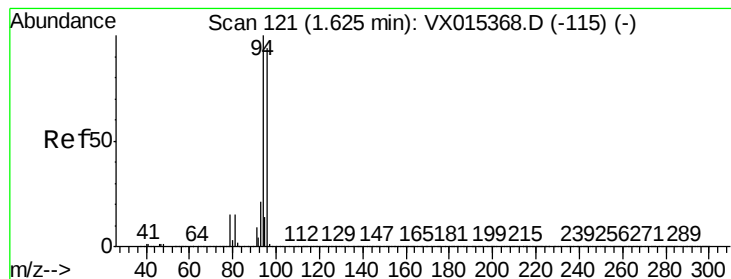
Tgt Ion: 62 Resp: 475683

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 2.572 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 47429

Ion Ratio Lower Upper

94 100

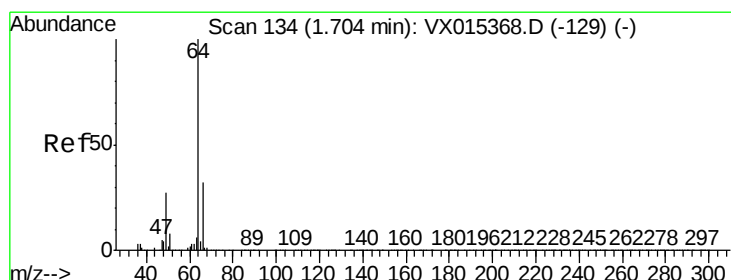
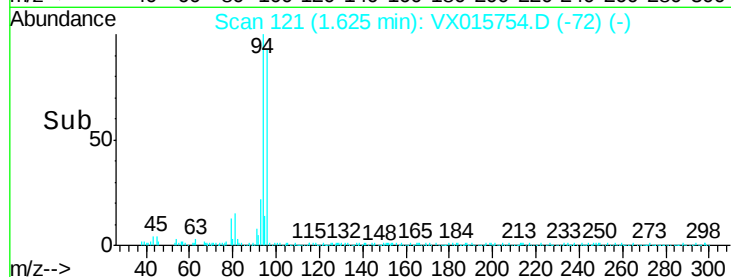
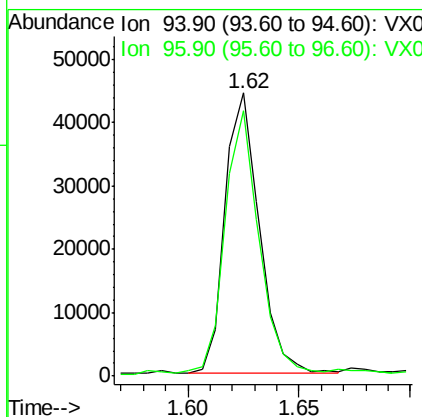
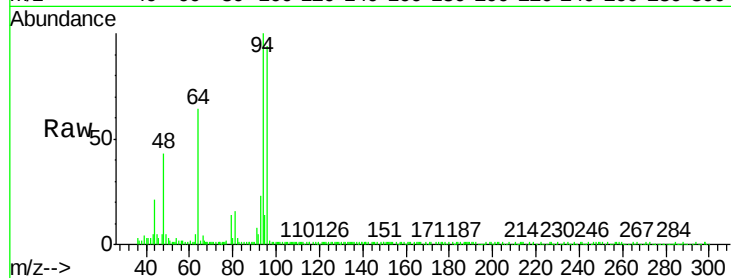
96 92.9 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 49.330 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015754.D

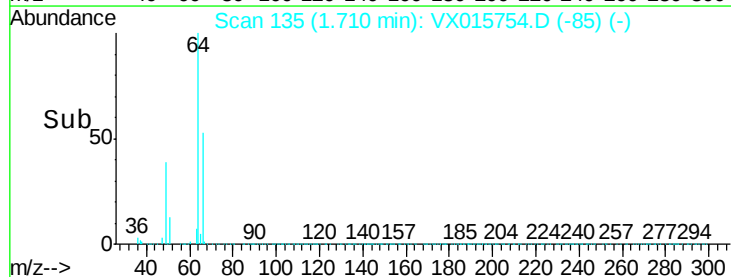
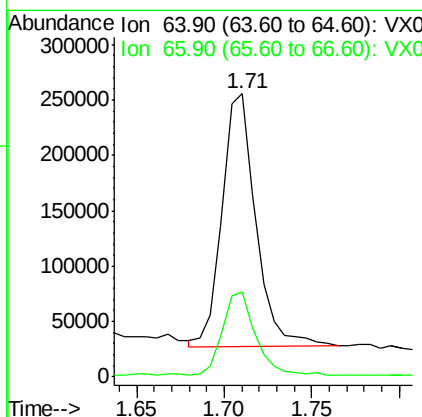
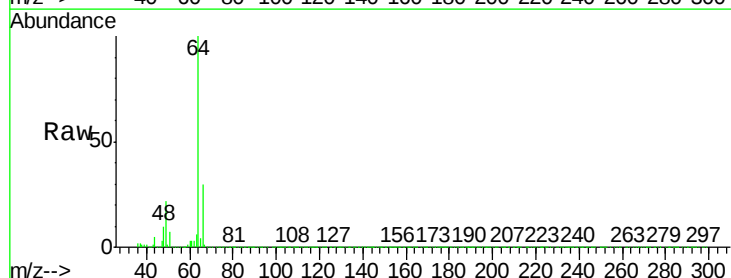
Acq: 17 Apr 2020 21:18

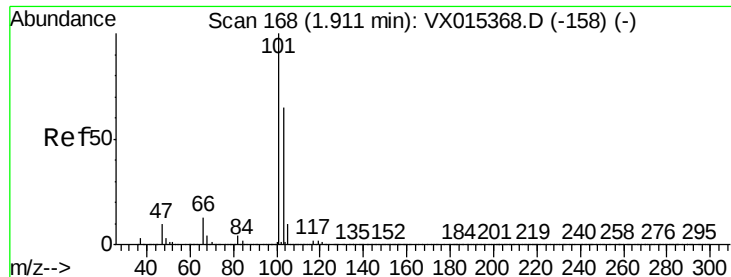
Tgt Ion: 64 Resp: 307297

Ion Ratio Lower Upper

64 100

66 33.0 25.4 38.2





#7

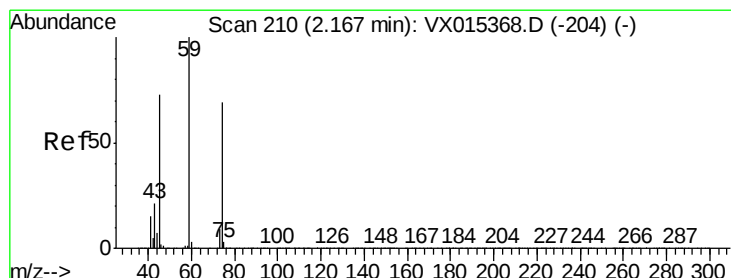
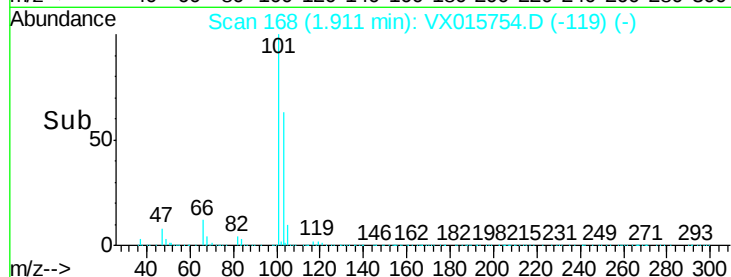
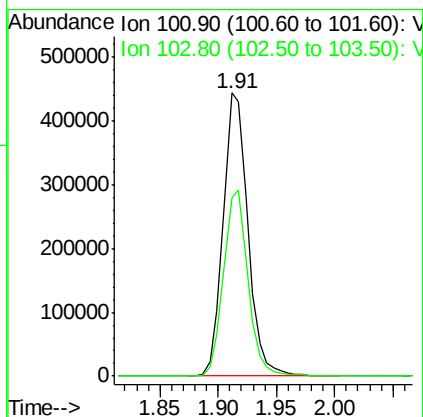
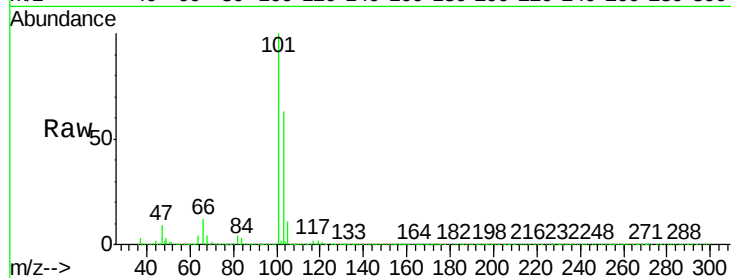
Trichlorofluoromethane
Concen: 48.543 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015754.D
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Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	63.0	52.3	78.5	

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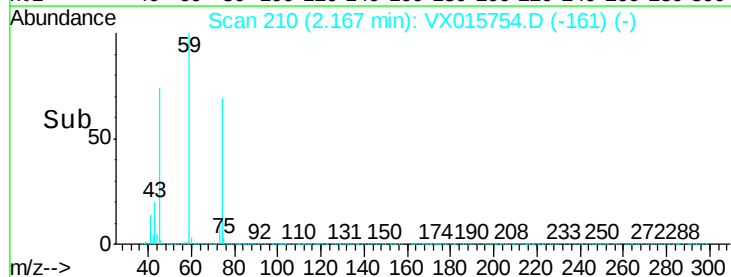
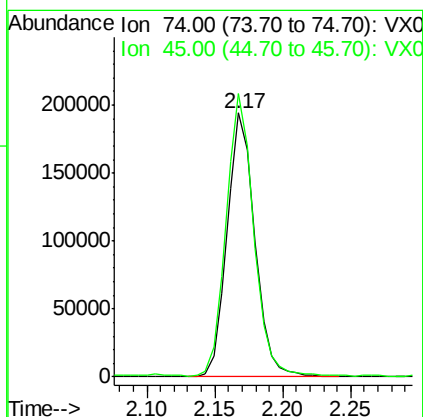
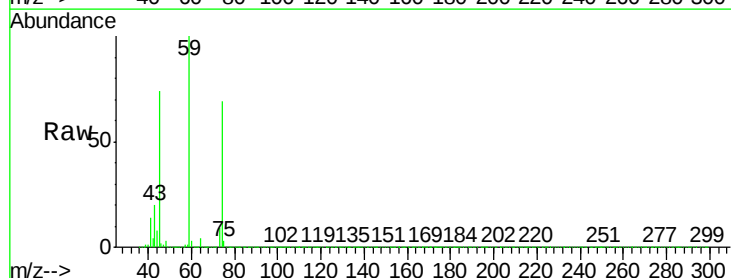
MMDadoda
4/20/2020 10:03:16 AM

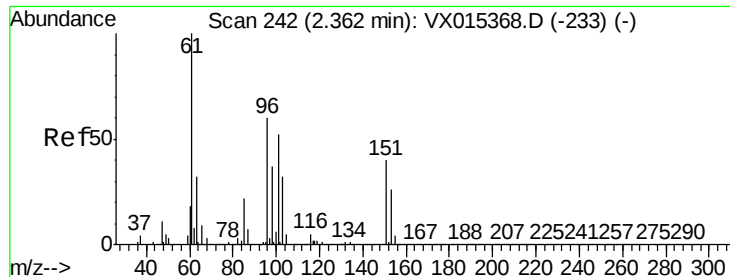


#8

Diethyl Ether
Concen: 48.183 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	106.5	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.355 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

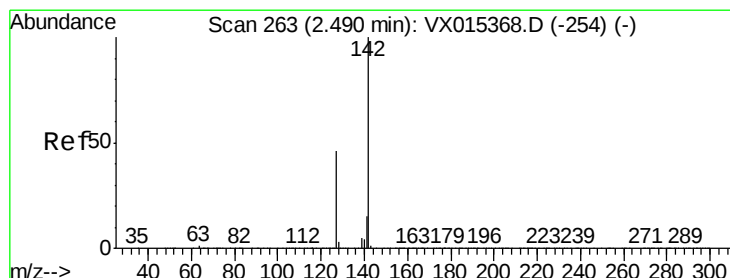
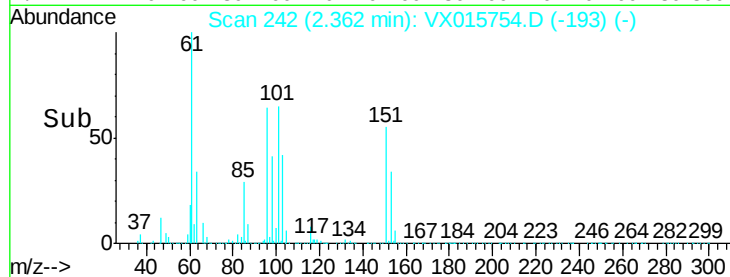
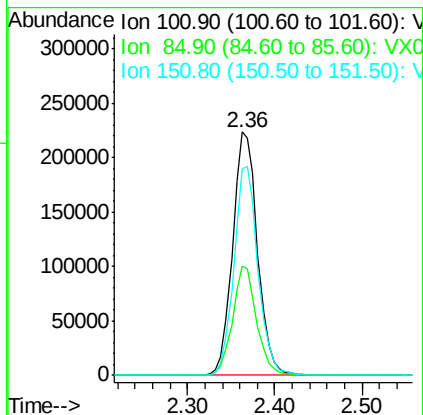
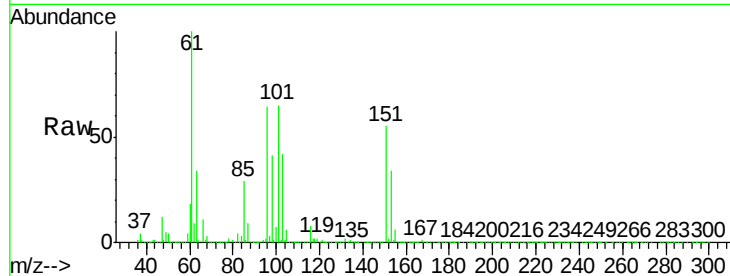
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	442175
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.0	52.4
151	83.3	64.1	96.1

Manual Integrations
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4/20/2020 10:03:16 AM



#10

Methyl Iodide

Concen: 9.019 ug/l

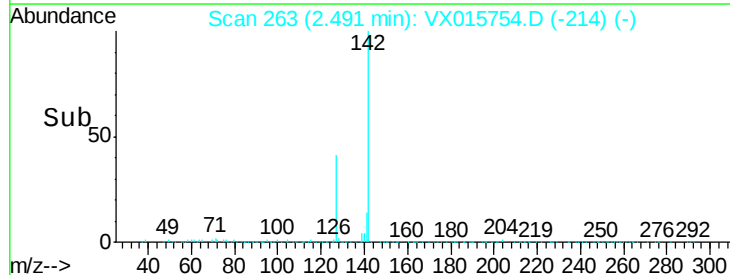
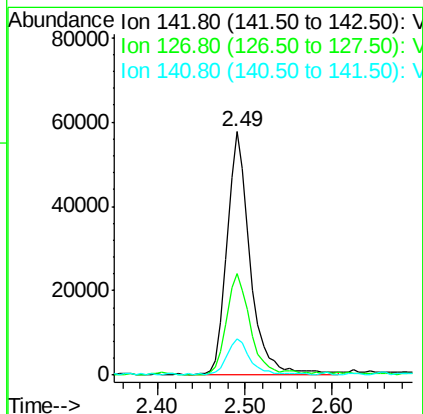
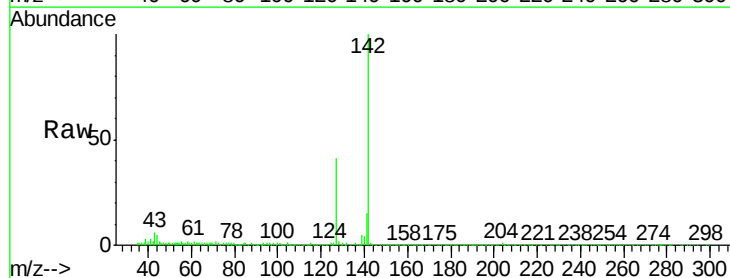
RT: 2.49 min Scan# 263

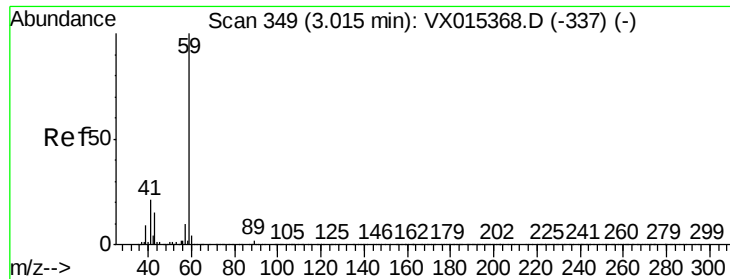
Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion:	142	Resp:	106780
Ion Ratio	Lower	Upper	
142	100		
127	41.9	35.9	53.9
141	15.6	11.6	17.4





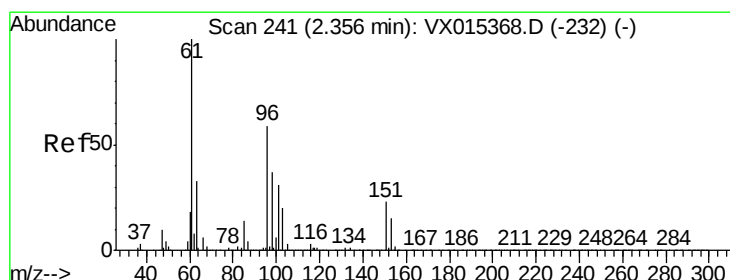
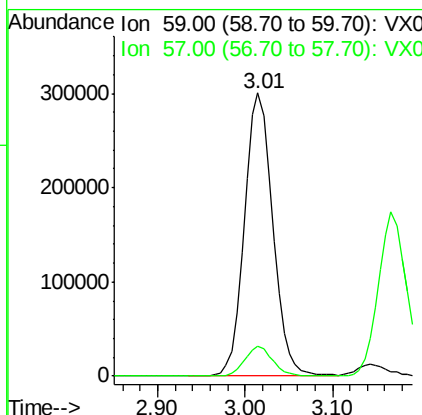
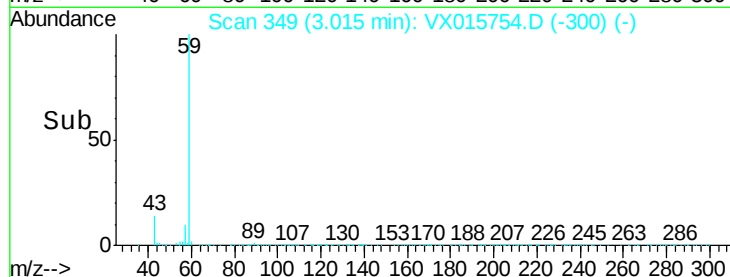
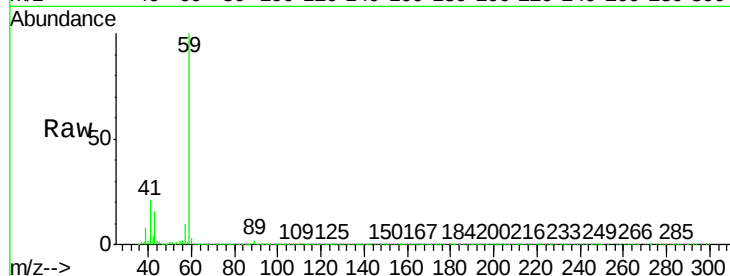
#11
Tert butyl alcohol
Concen: 205.230 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.1	12.1

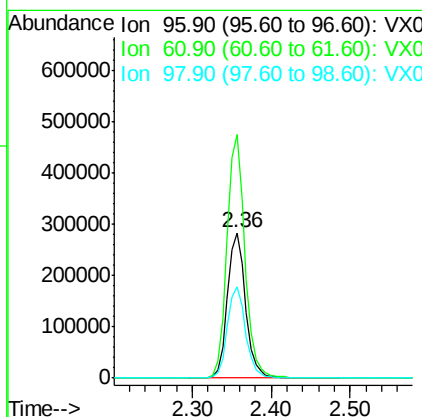
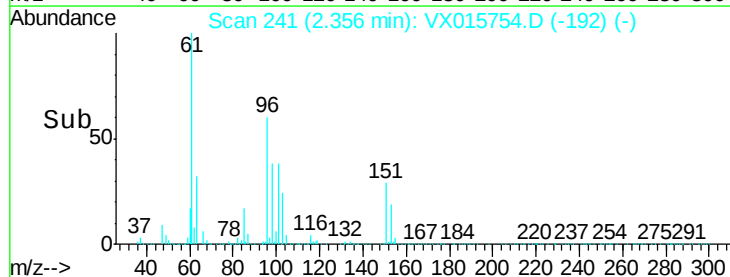
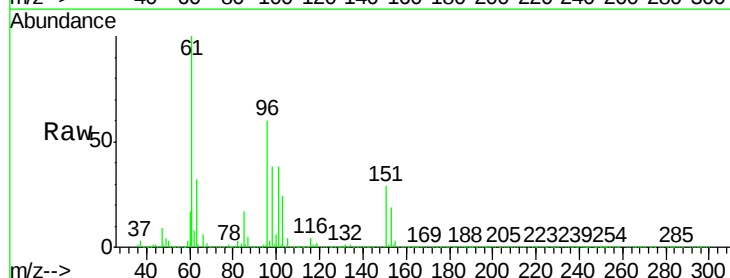
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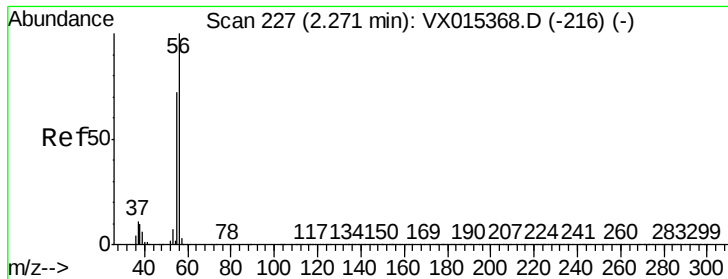
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#12
1,1-Dichloroethene
Concen: 48.809 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.5	135.7	203.5
98	62.9	50.6	75.8





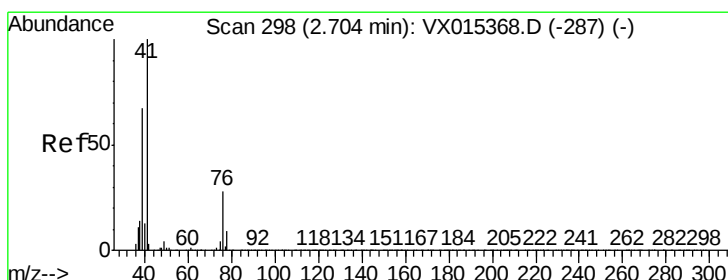
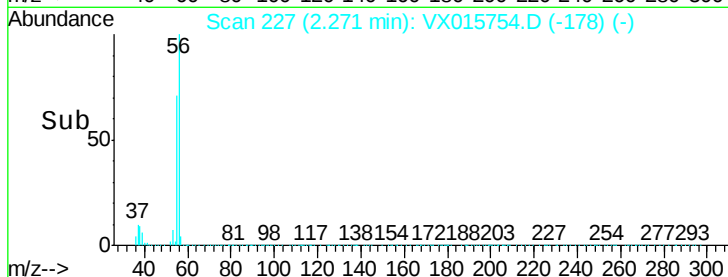
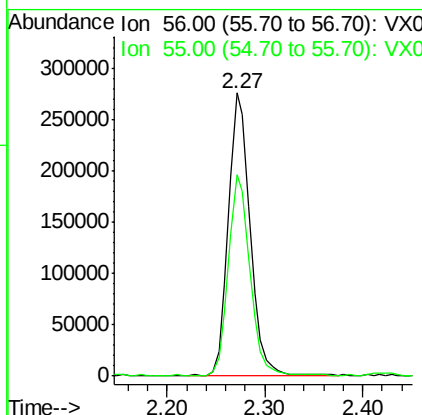
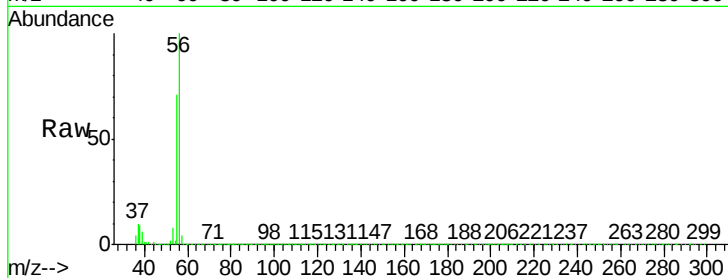
#13
Acrolein
Concen: 227.324 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	70.5	57.0	85.4

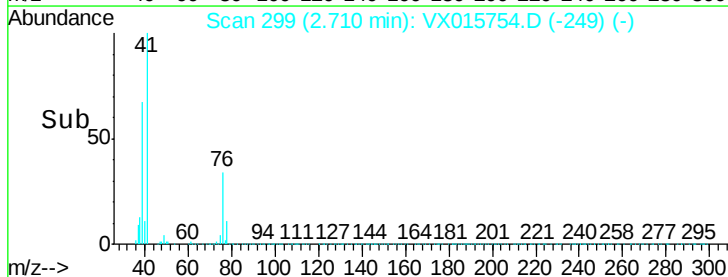
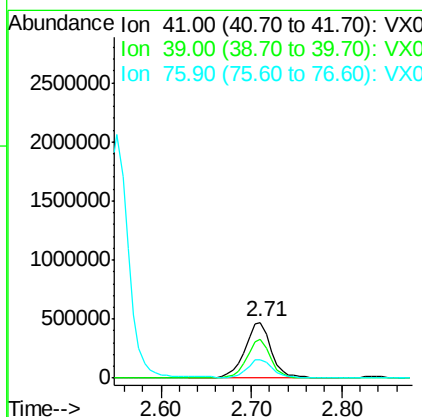
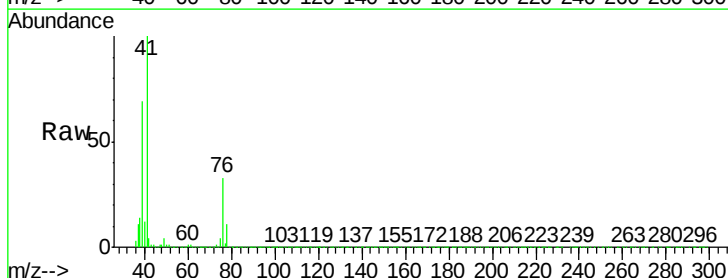
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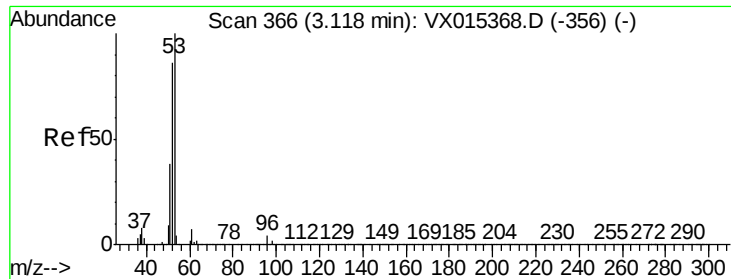
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#14
Allyl chloride
Concen: 43.723 ug/l
RT: 2.71 min Scan# 299
Delta R.T. 0.01 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	63.2	51.4	77.0
76	76	32.4	21.8	32.8





#15

Acrylonitrile

Concen: 244.881 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1537060

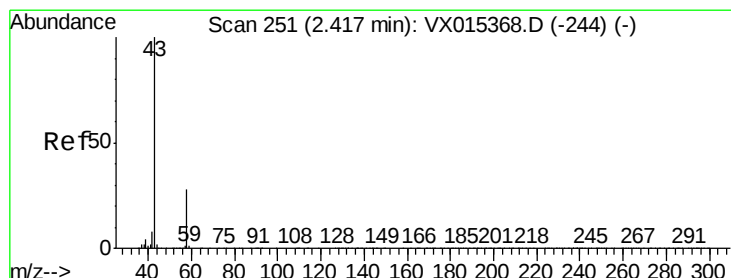
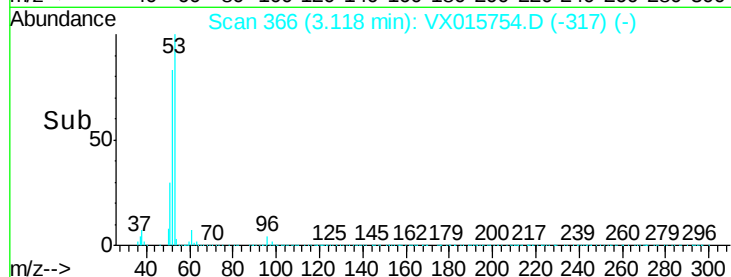
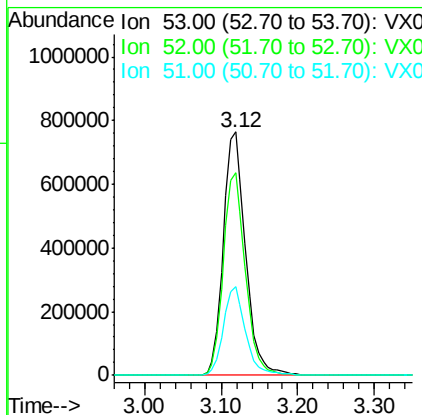
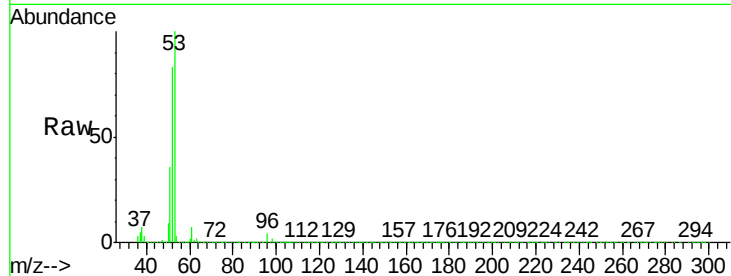
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.8	100.2
51	36.2	29.5	44.3

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#16

Acetone

Concen: 227.803 ug/l

RT: 2.42 min Scan# 251

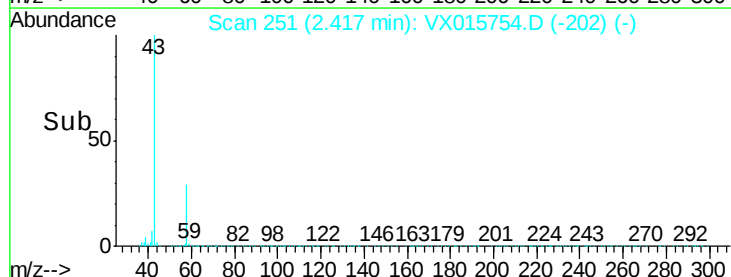
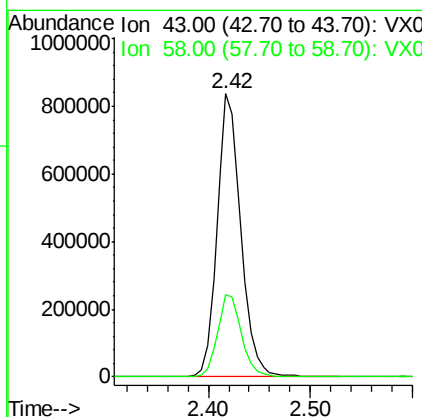
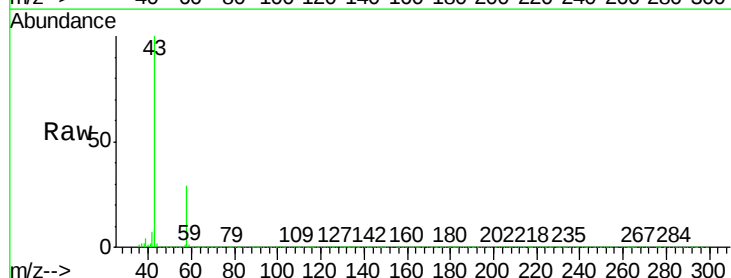
Delta R.T. 0.00 min

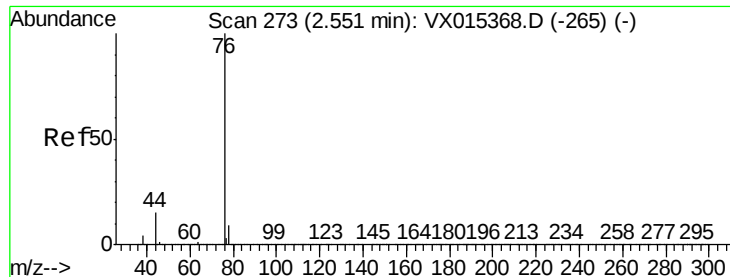
Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion: 43 Resp: 1345771

Ion	Ratio	Lower	Upper
43	100		
58	29.2	22.1	33.1





#17

Carbon Disulfide

Concen: 123.019 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 3454274

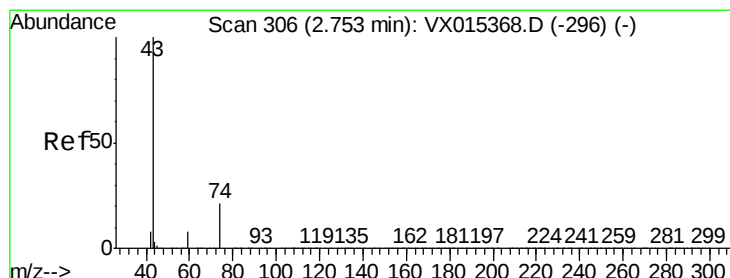
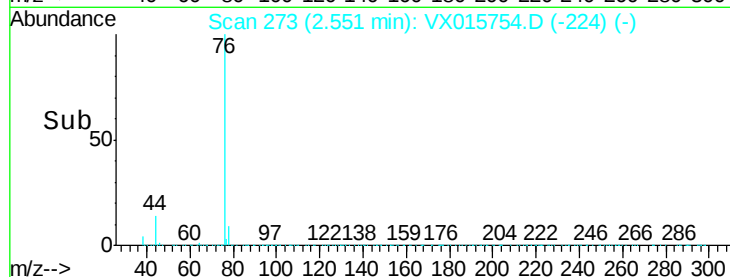
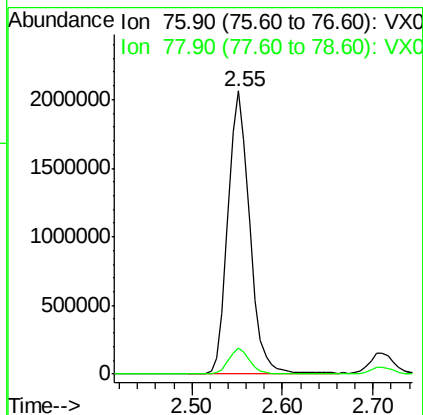
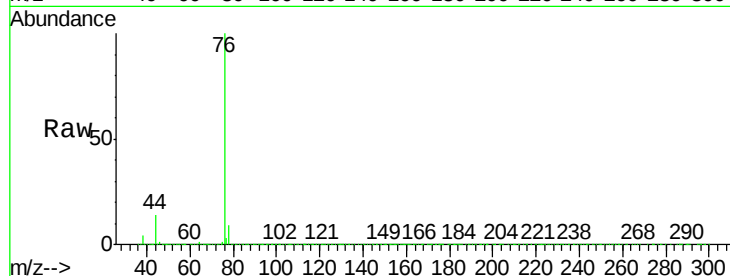
Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7

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#18

Methyl Acetate

Concen: 49.312 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015754.D

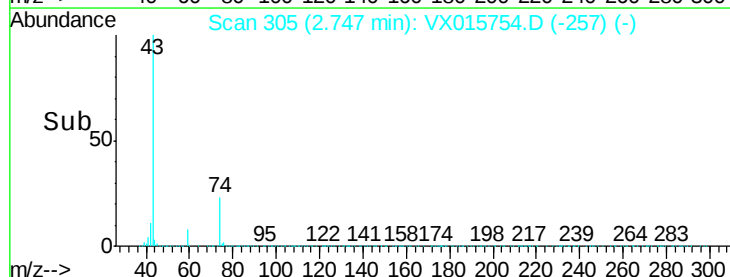
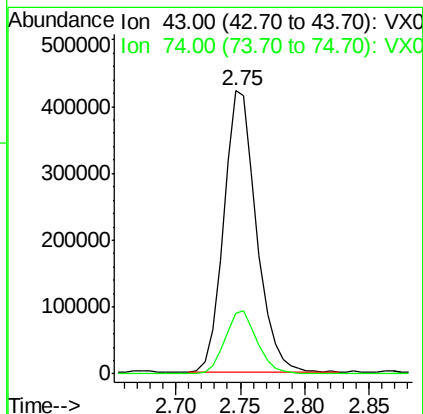
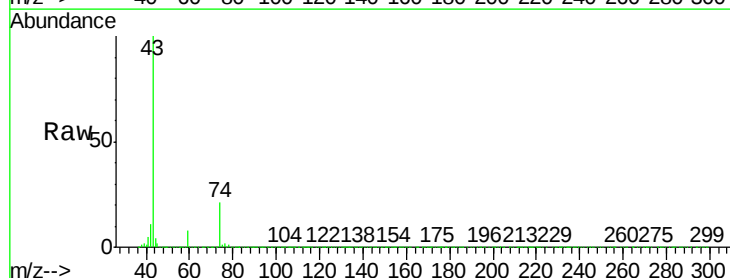
Acq: 17 Apr 2020 21:18

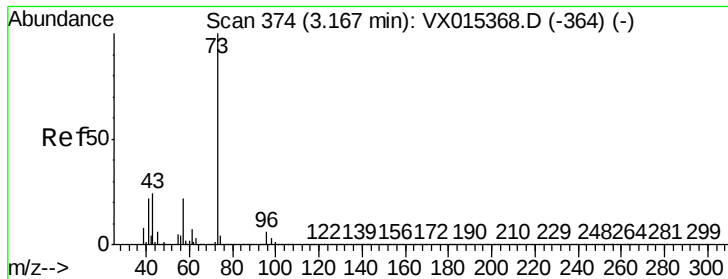
Tgt Ion: 43 Resp: 743528

Ion Ratio Lower Upper

43 100

74 22.4 16.5 24.7





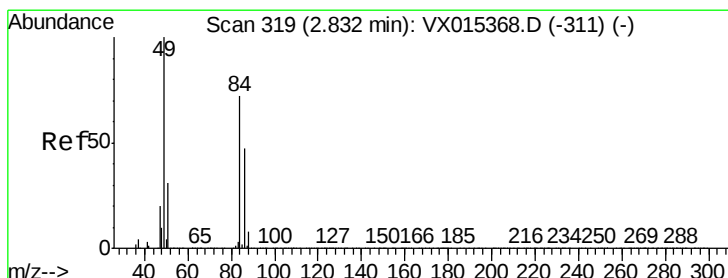
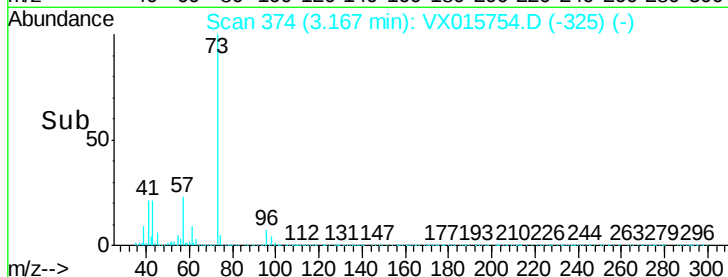
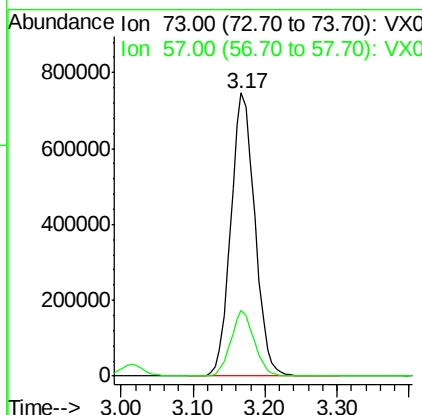
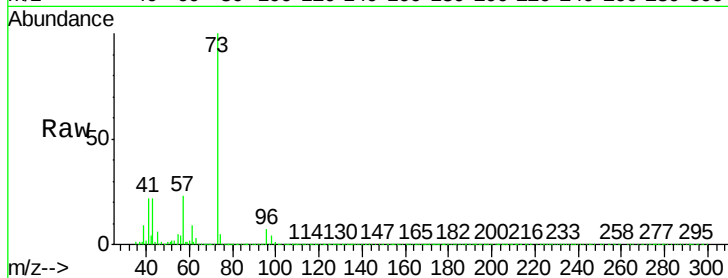
#19
Methvl tert-butvl Ether
Concen: 48.392 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1727545
Ion Ratio Lower Upper
73 100
57 23.4 17.9 26.9

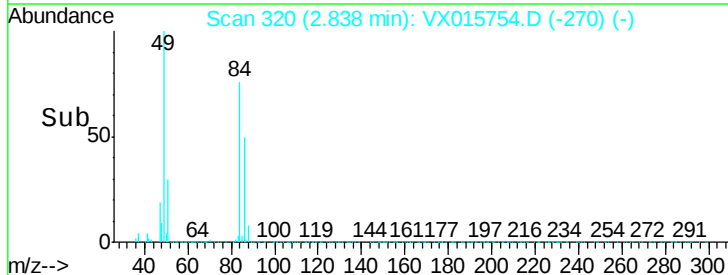
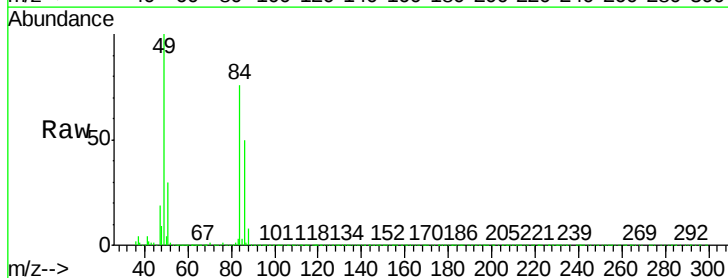
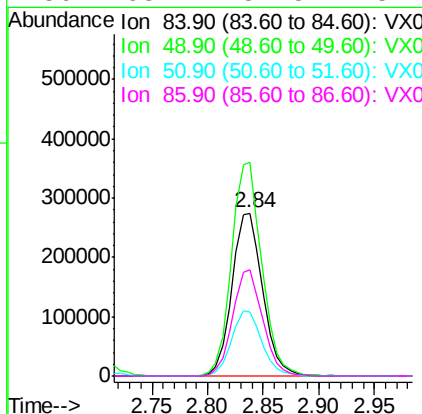
Manual Integrations
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#20
Methylene Chloride
Concen: 47.212 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion: 84 Resp: 520959
Ion Ratio Lower Upper
84 100
49 131.0 111.3 166.9
51 38.8 34.0 51.0
86 65.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 47.743 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

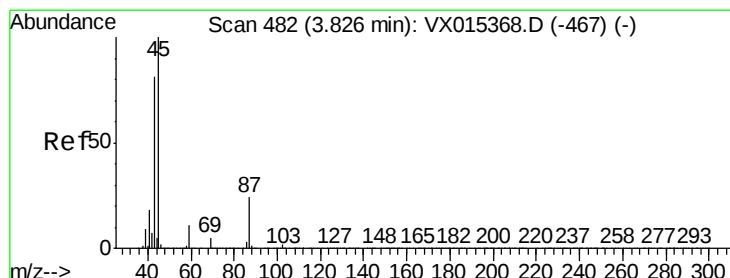
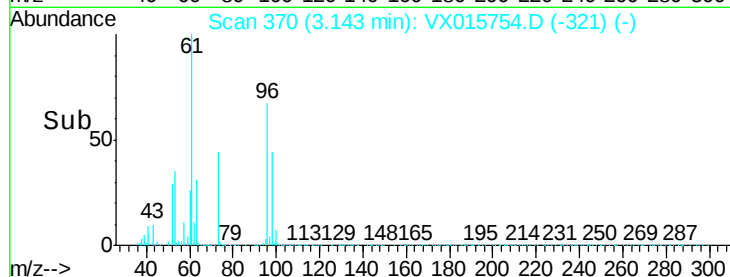
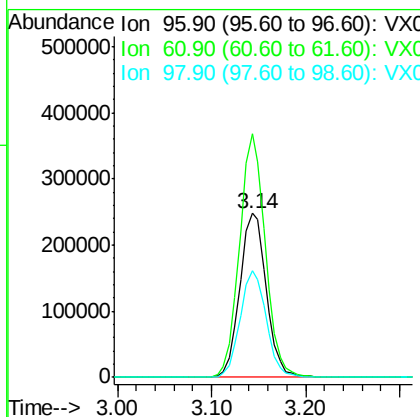
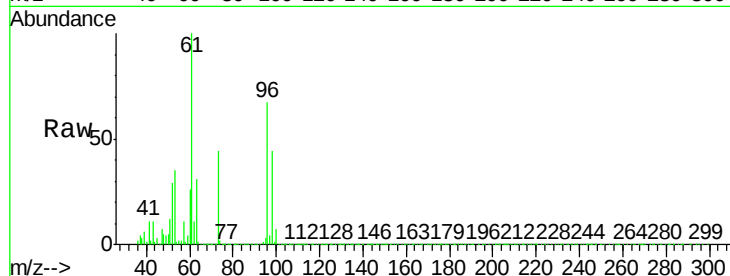
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	487710
Ion Ratio	Lower	Upper	
96	100		
61	148.9	116.9	175.3
98	64.8	48.6	73.0

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#22

Diisopropyl ether

Concen: 48.913 ug/l

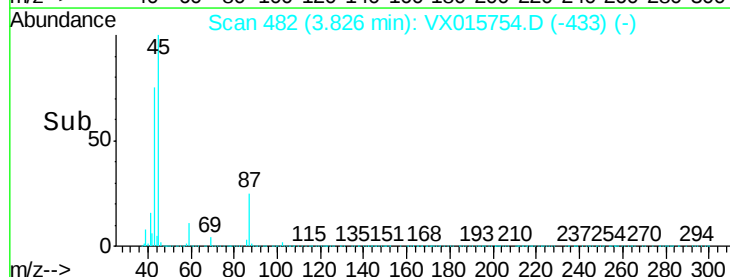
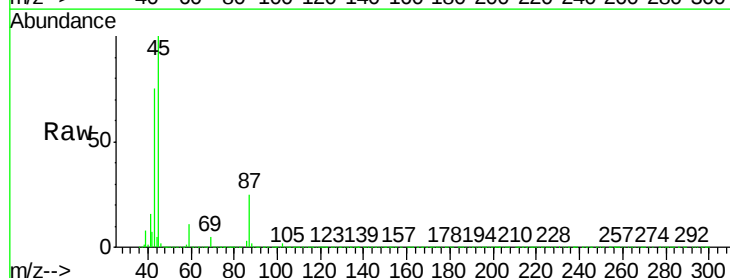
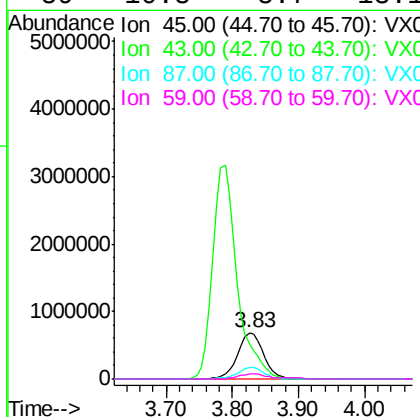
RT: 3.83 min Scan# 482

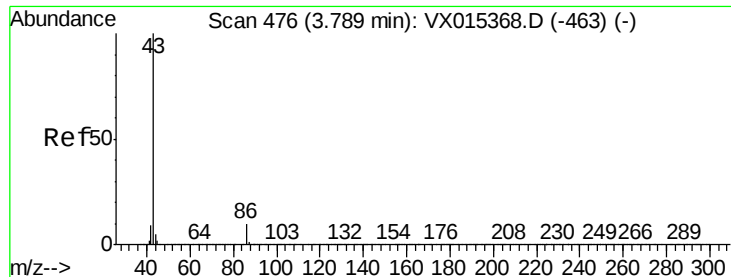
Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion:	45	Resp:	1864094
Ion Ratio	Lower	Upper	
45	100		
43	74.3	64.7	97.1
87	25.4	19.4	29.0
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 236.688 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 8167105

Ion Ratio Lower Upper

43 100

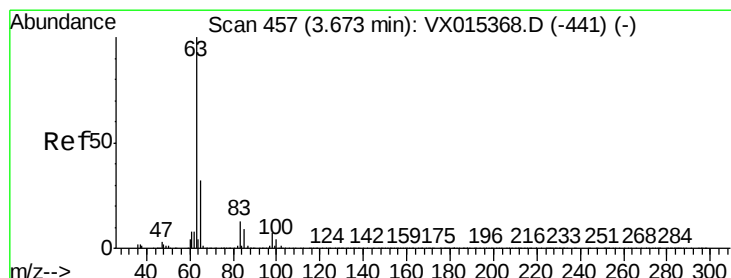
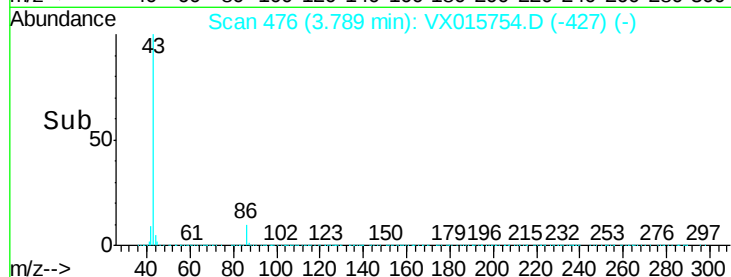
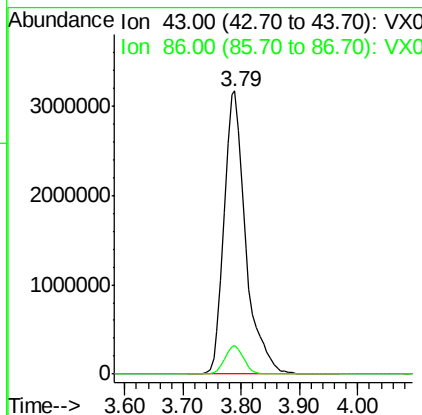
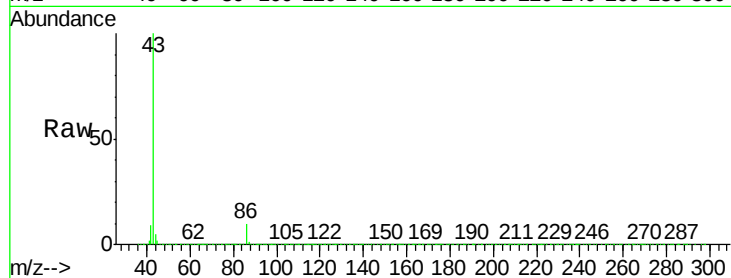
86 10.2 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 47.658 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

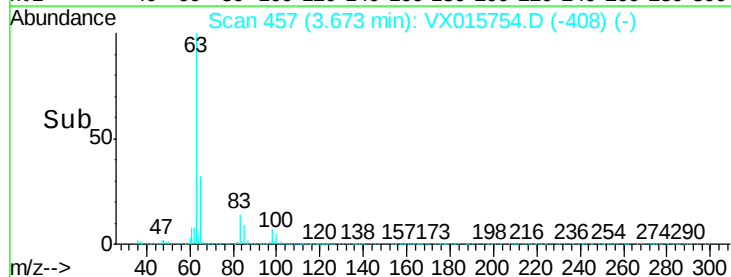
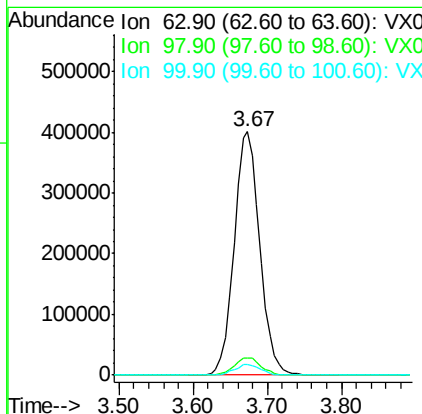
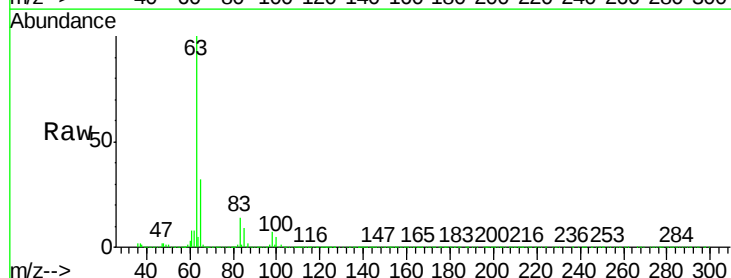
Tgt Ion: 63 Resp: 956294

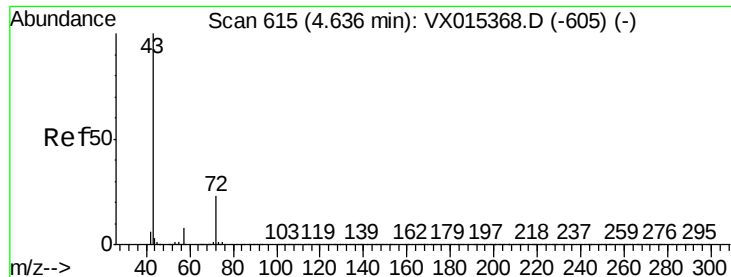
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.6 2.1 6.5





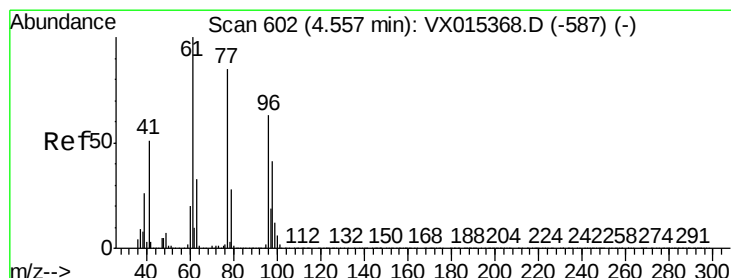
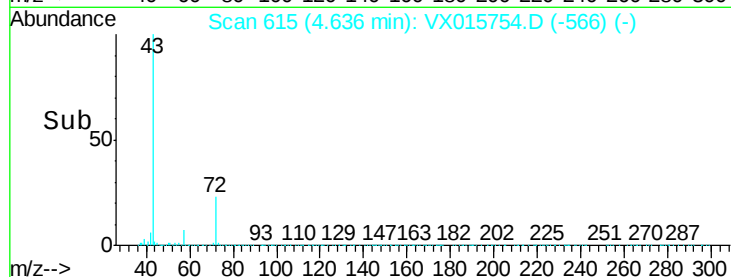
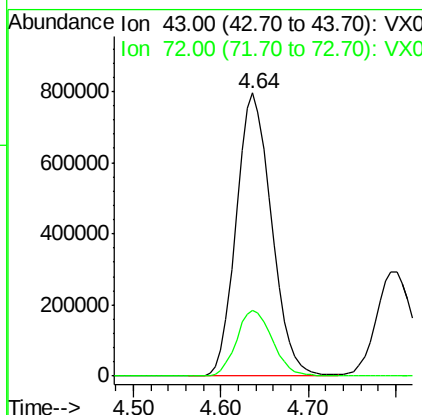
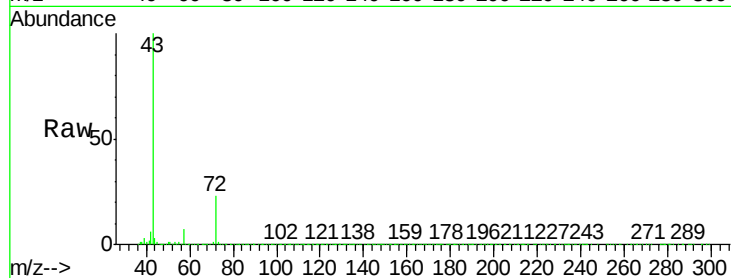
#25
2-Butanone
Concen: 234.681 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2229634
Ion Ratio Lower Upper
43 100
72 23.2 19.0 28.4

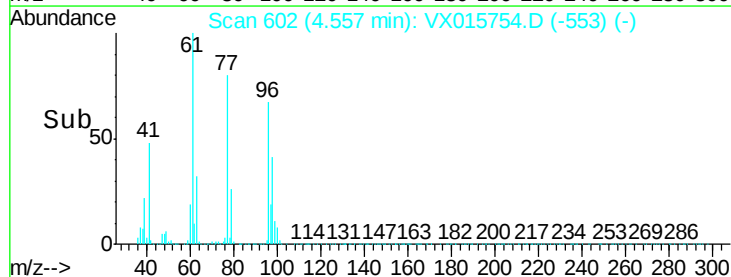
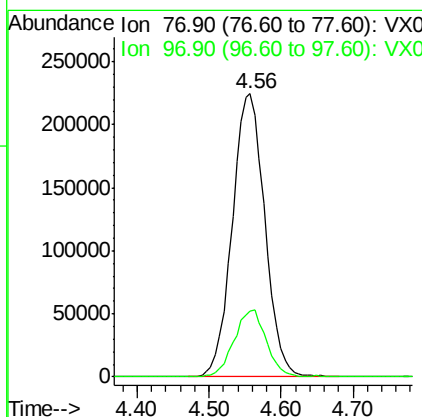
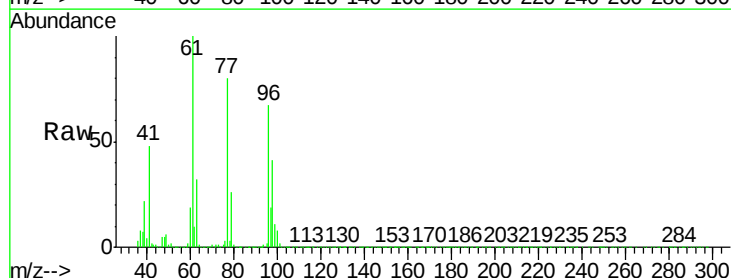
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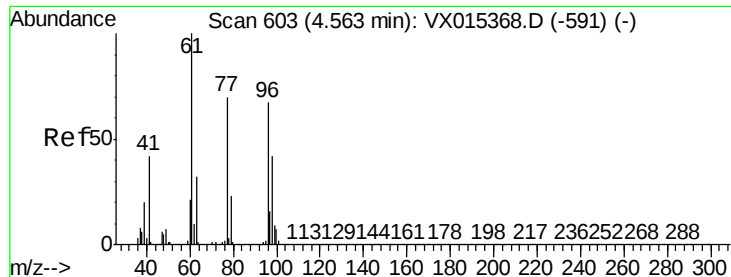
MMDadoda
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#26
2,2-Dichloropropane
Concen: 42.539 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion: 77 Resp: 700636
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8





#27

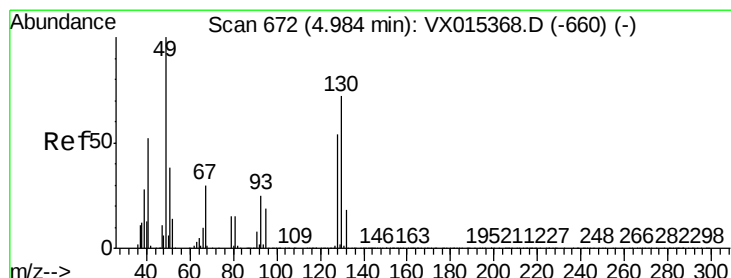
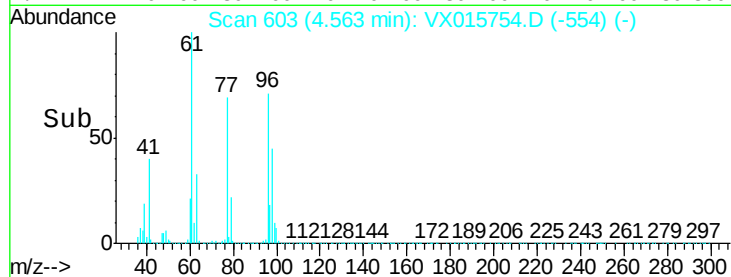
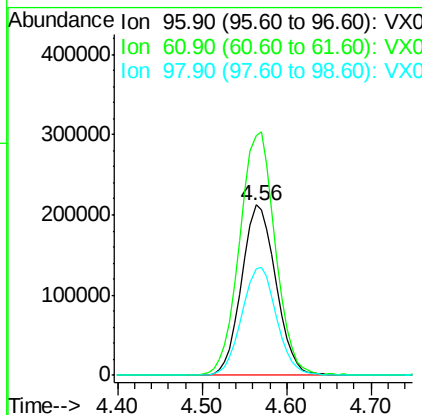
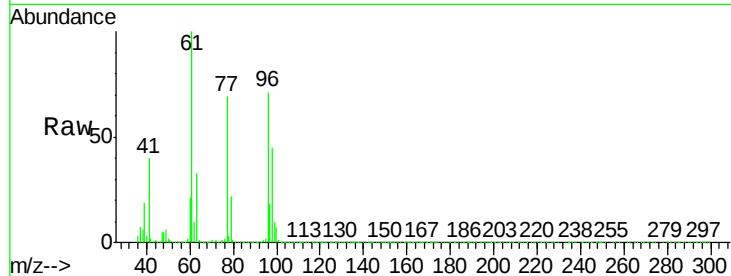
cis-1,2-Dichloroethene
Concen: 49.458 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.7	0.0	308.4	
98	64.5	0.0	129.2	

Manual Integrations
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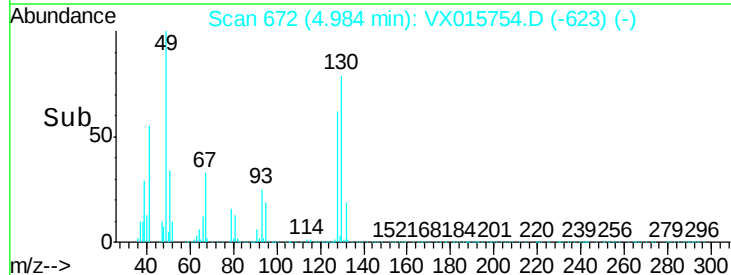
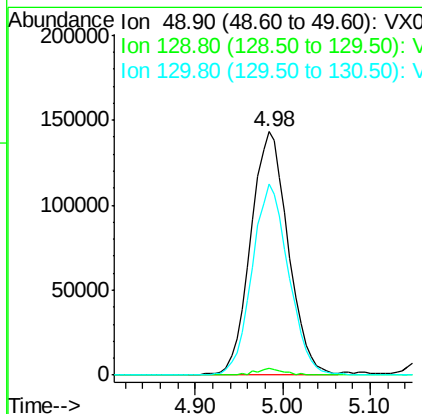
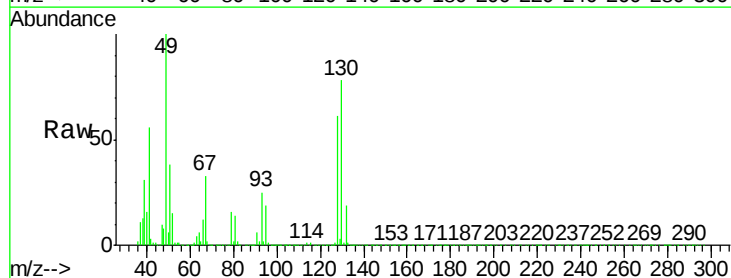
MMDadoda
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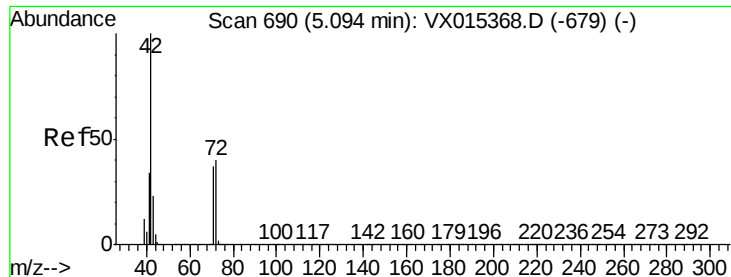


#28

Bromochloromethane
Concen: 44.274 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	4.4	
130	76.7	57.7	86.5	





#29

Tetrahydrofuran

Concen: 235.443 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1438022

Ion Ratio Lower Upper

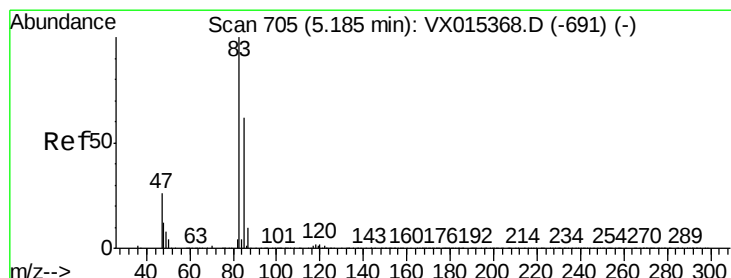
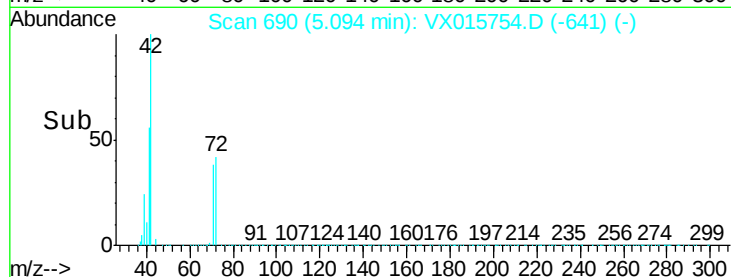
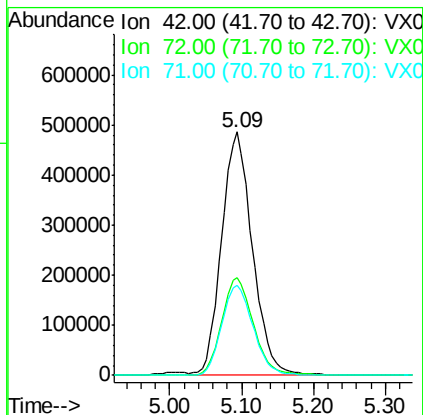
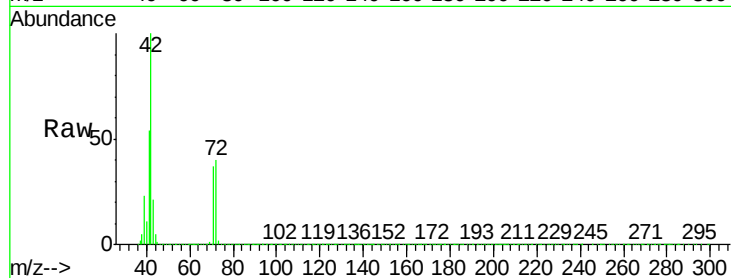
42 100

72 41.2 31.7 47.5

71 37.7 29.6 44.4

Manual Integrations
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#30

Chloroform

Concen: 48.529 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015754.D

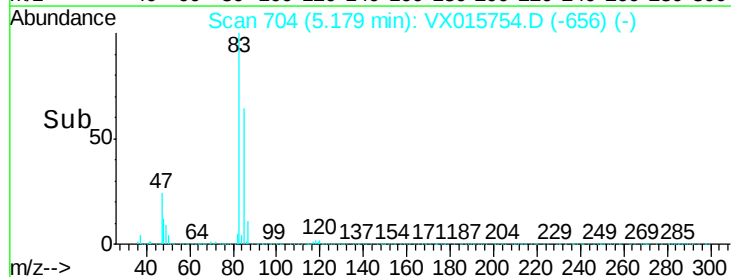
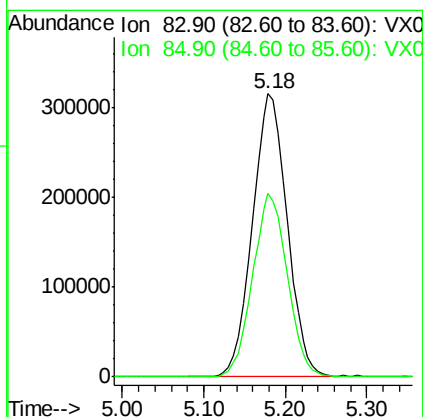
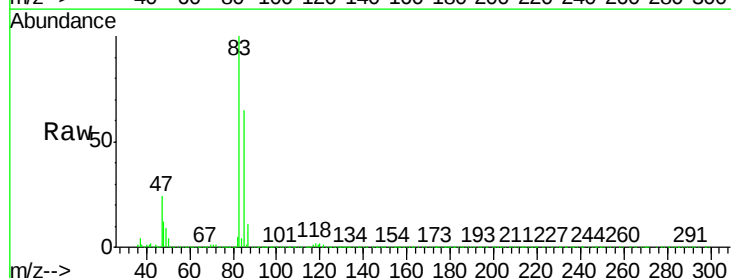
Acq: 17 Apr 2020 21:18

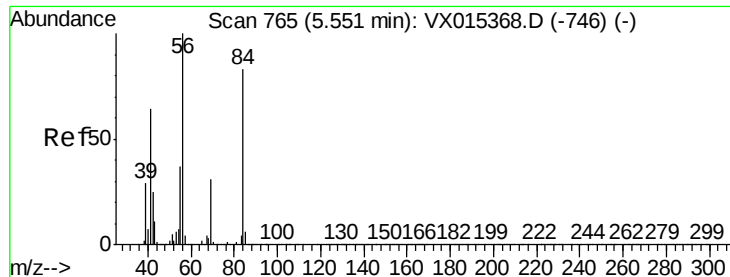
Tgt Ion: 83 Resp: 936854

Ion Ratio Lower Upper

83 100

85 64.5 49.5 74.3





#31

Cyclohexane

Concen: 46.686 ug/l

RT: 5.55 min Scan# 765

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

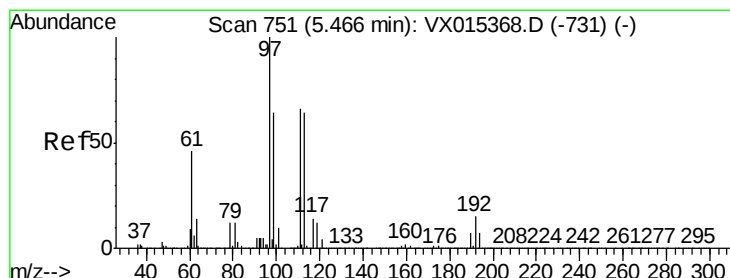
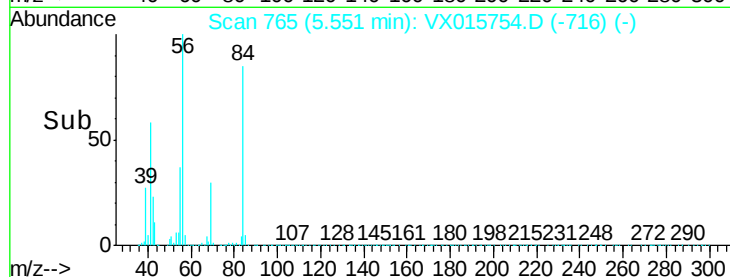
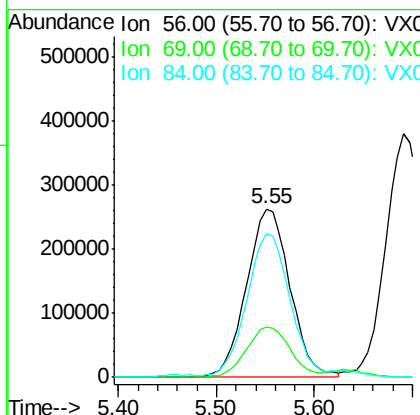
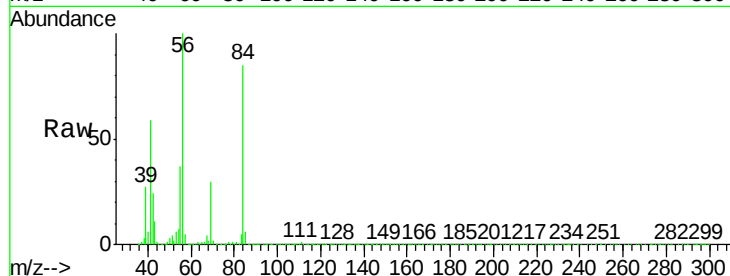
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	812663
Ion Ratio	Lower	Upper	
56	100		
69	29.7	24.6	36.8
84	83.8	66.1	99.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.629 ug/l

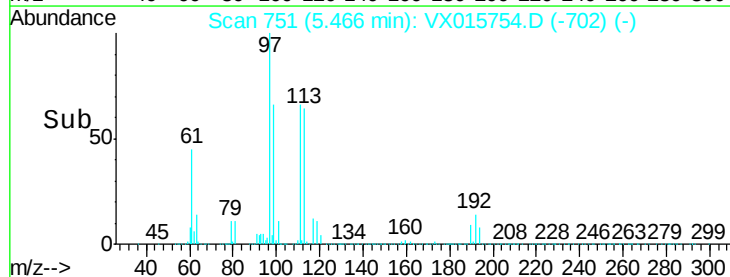
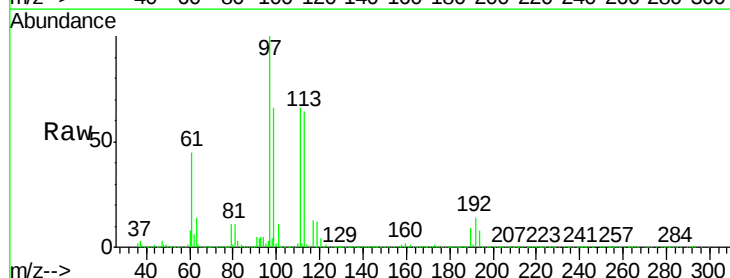
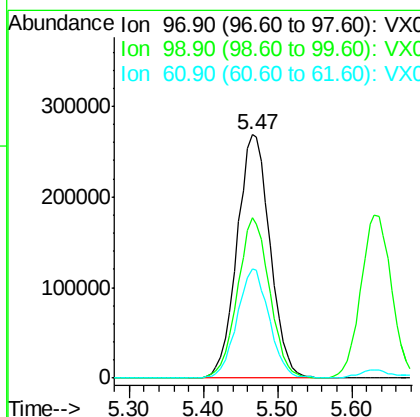
RT: 5.47 min Scan# 751

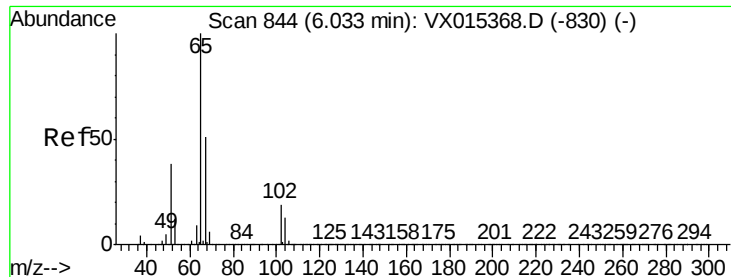
Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion:	97	Resp:	832135
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.0	76.4
61	43.5	36.1	54.1





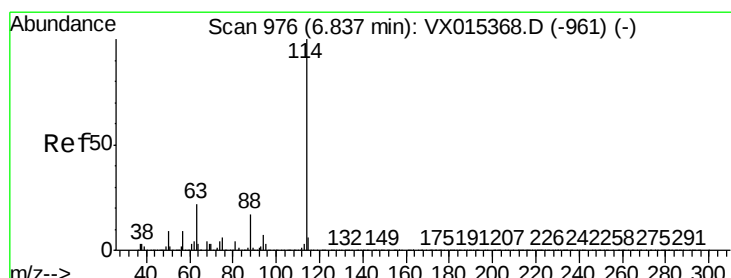
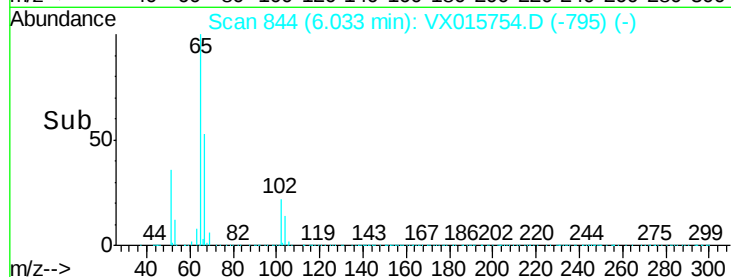
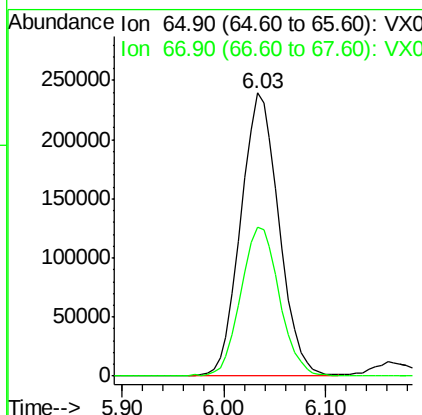
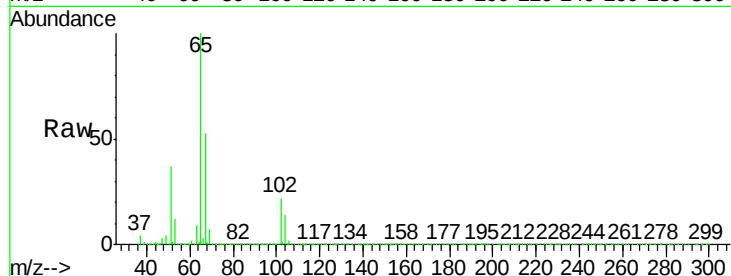
#33
 1,2-Dichloroethane-d4
 Concen: 45.390 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	0.0	102.6

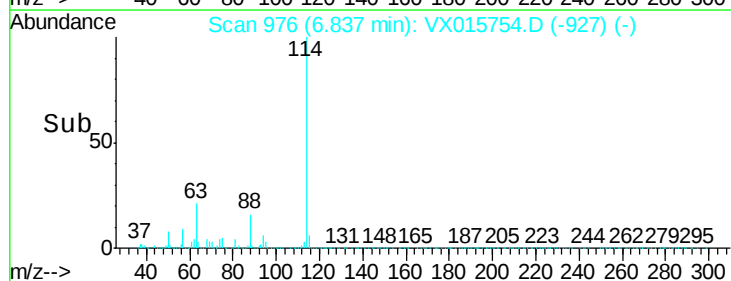
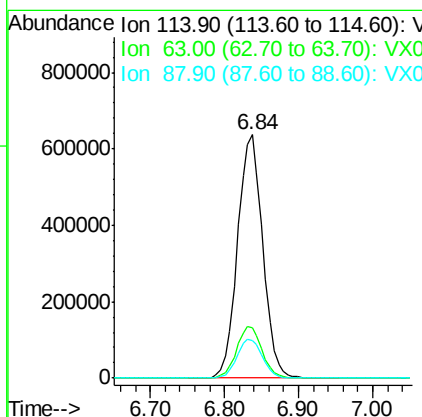
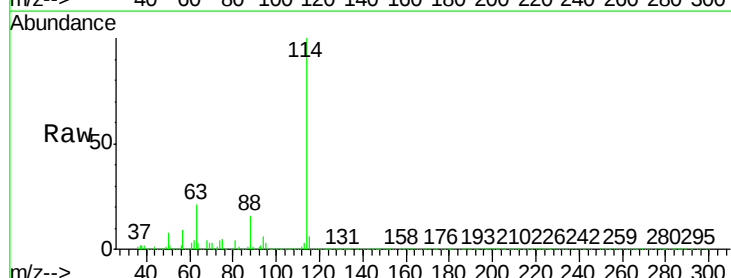
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	44.2
88	15.6	0.0	33.8





#35

Dibromofluoromethane

Concen: 51.641 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

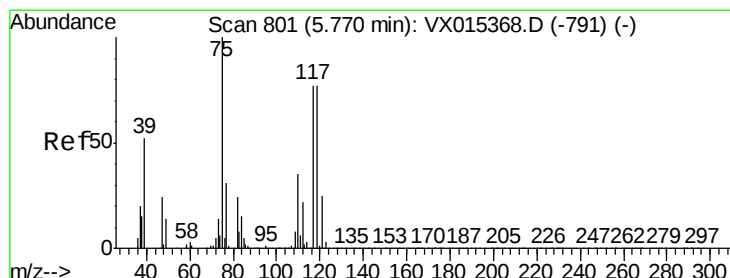
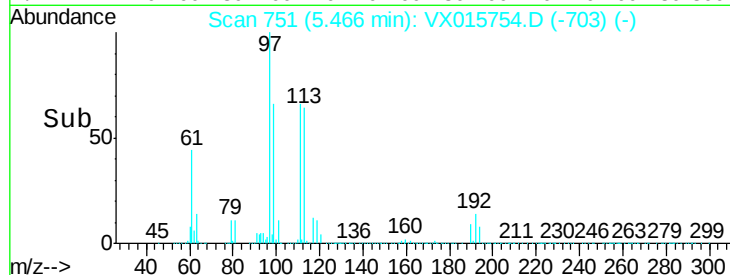
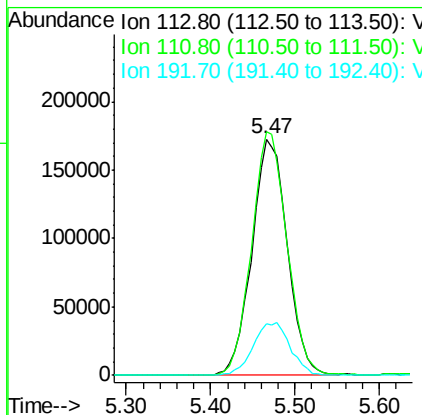
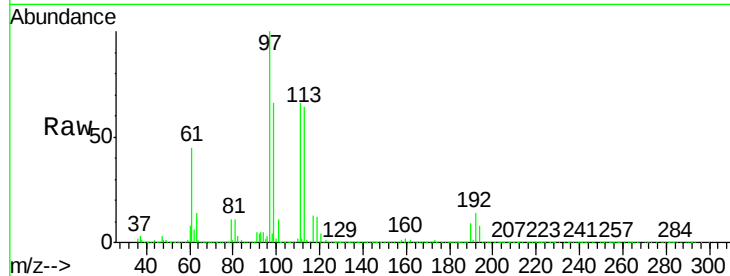
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	498066
Ion Ratio	Lower	Upper	
113	100		
111	102.7	81.5	122.3
192	23.5	17.8	26.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.987 ug/l

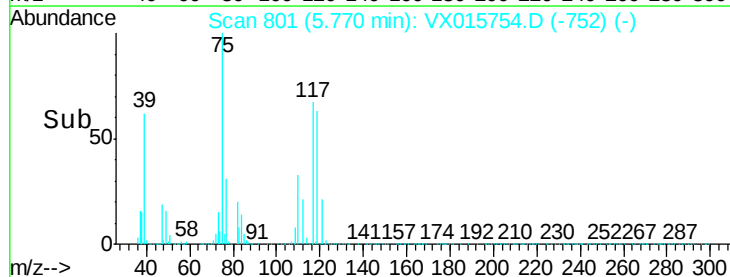
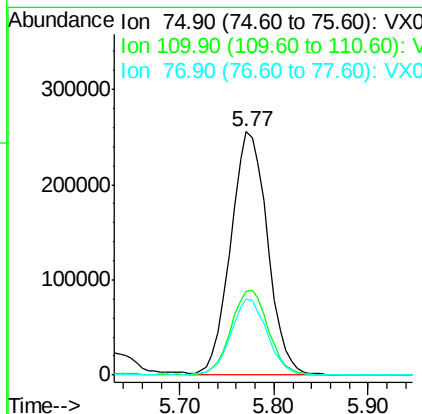
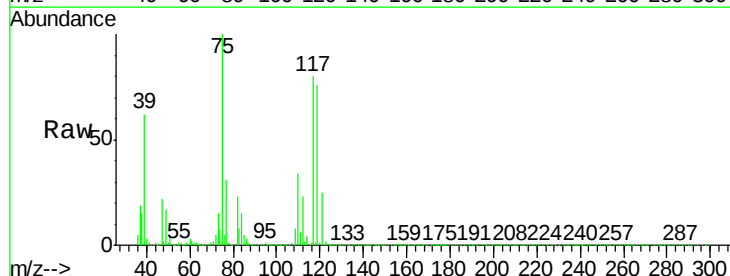
RT: 5.77 min Scan# 801

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion:	75	Resp:	694925
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.1	51.3
77	30.6	24.6	36.8





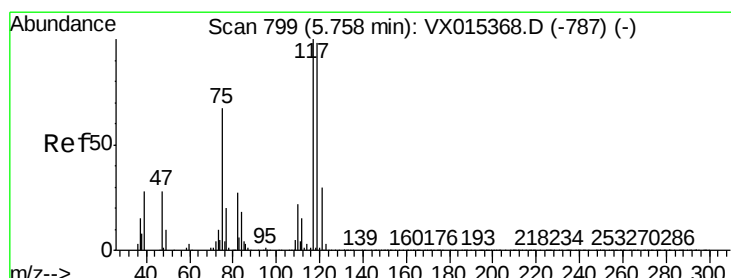
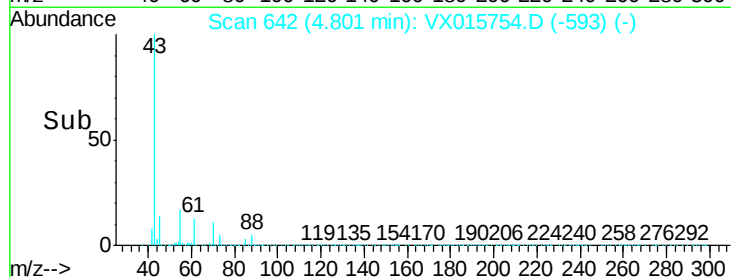
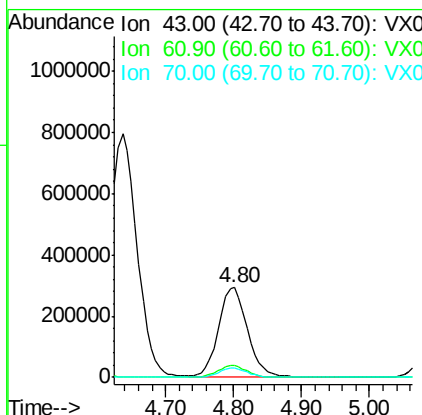
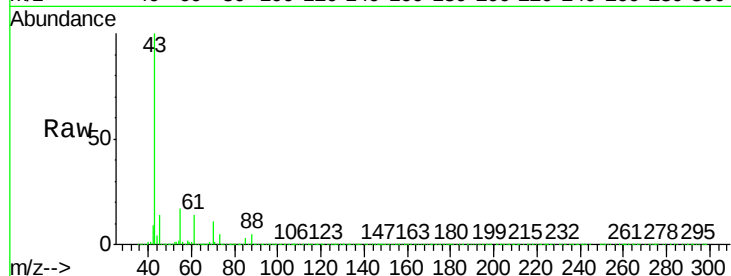
#37
Ethyl Acetate
Concen: 47.792 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	9.9	14.9
70	10.5	8.1	12.1

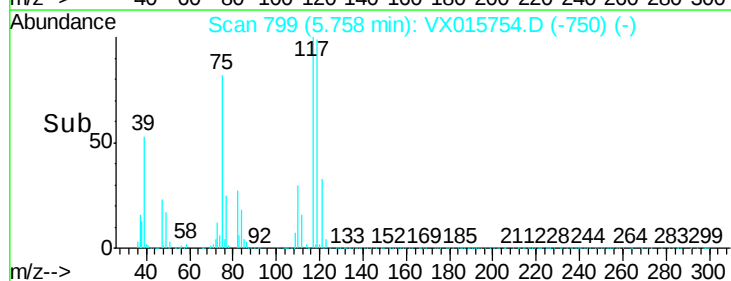
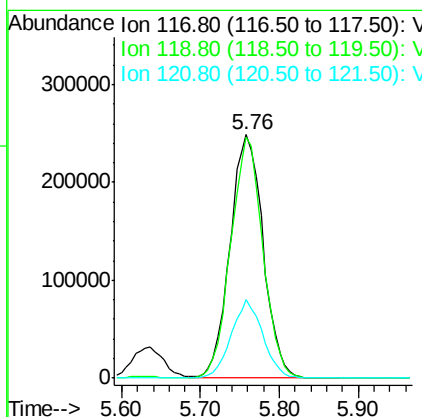
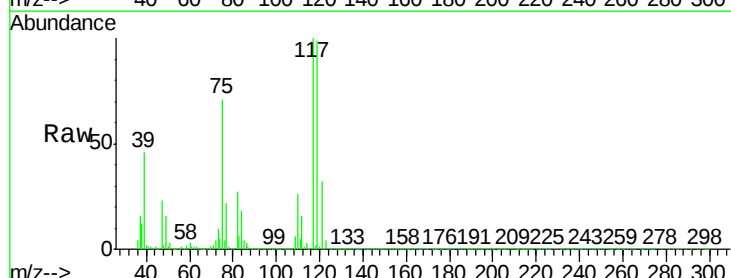
Manual Integrations
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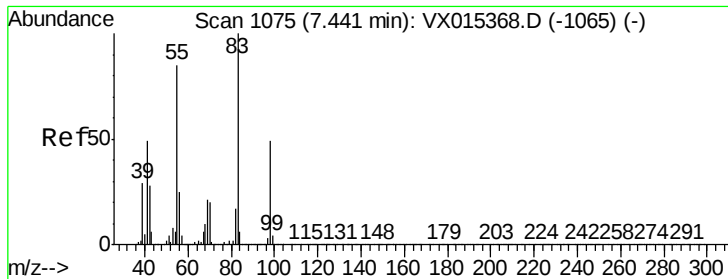
MMDadoda
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#38
Carbon Tetrachloride
Concen: 48.045 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.0	117.0
121	32.1	23.8	35.8





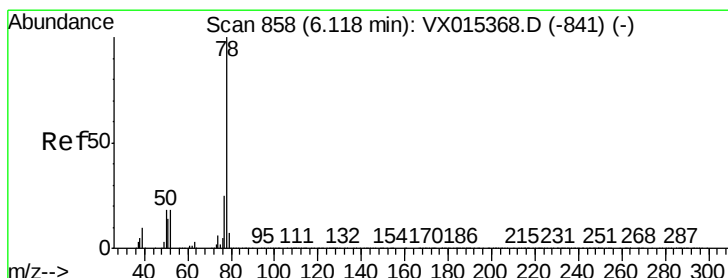
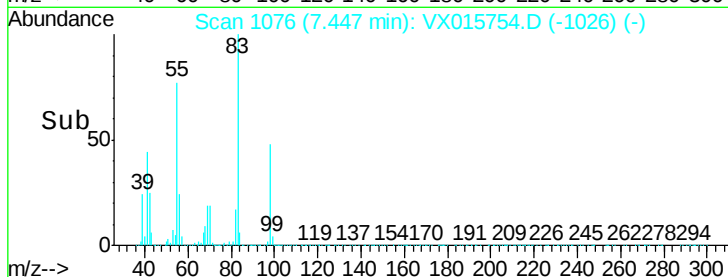
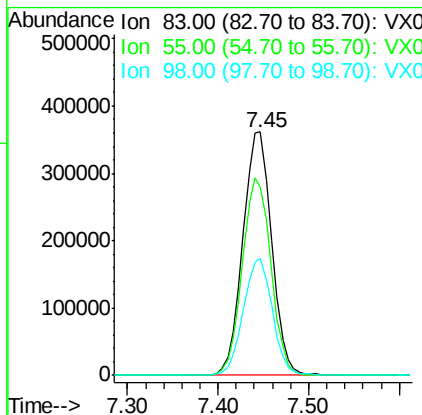
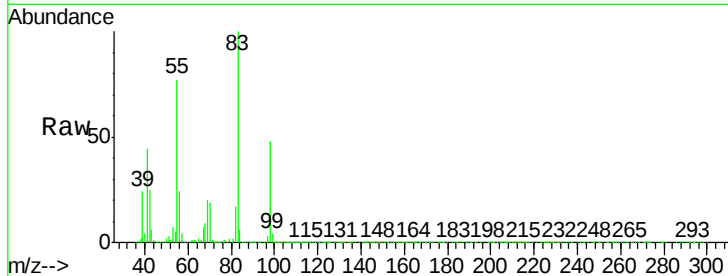
#39
Methvlcvclohexane
Concen: 49.926 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	67.8	101.6
98	48.0	39.3	58.9

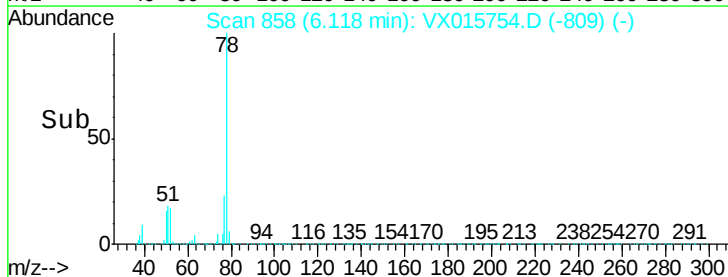
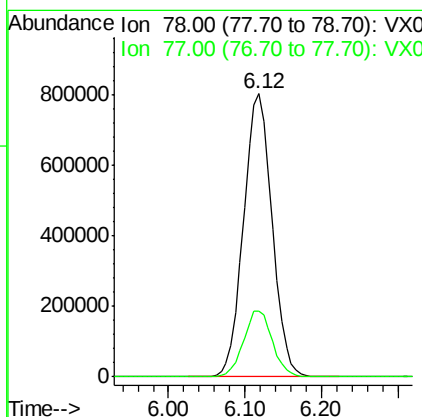
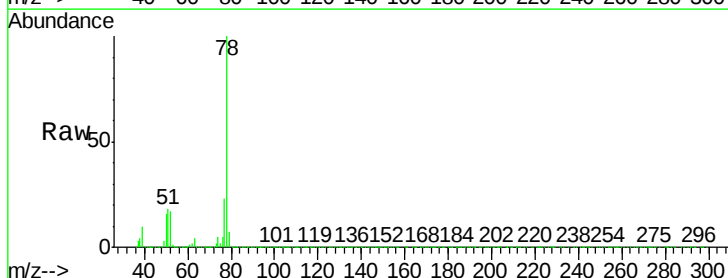
Manual Integrations
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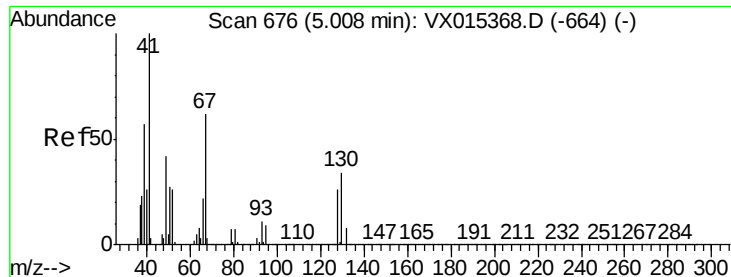
MMDadoda
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#40
Benzene
Concen: 51.197 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.8	29.8





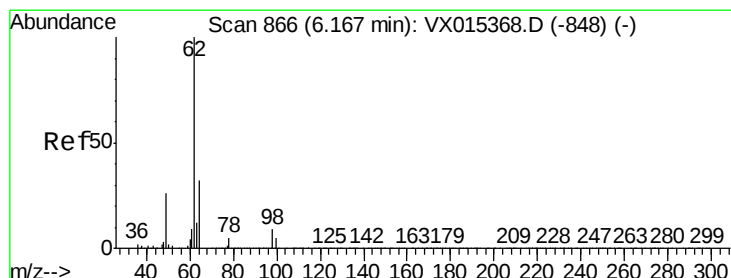
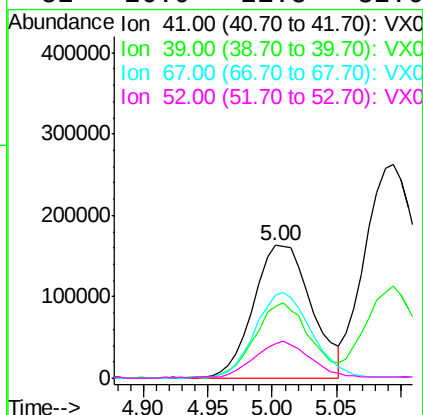
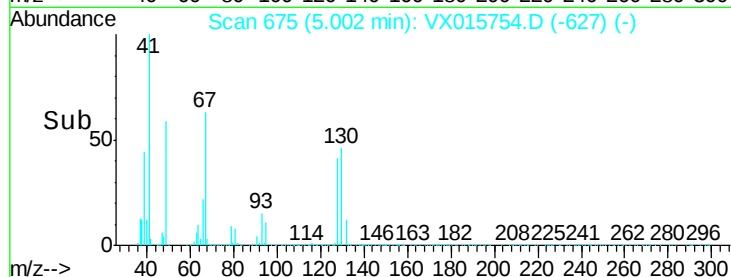
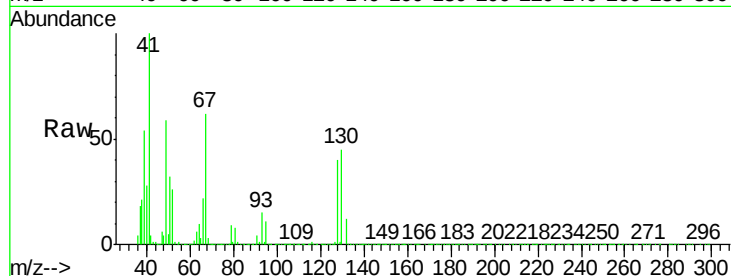
#41
Methacrylonitrile
Concen: 50.735 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		509815		
39	54.1	44.5	66.7		
67	62.6	48.9	73.3		
52	26.9	21.8	32.6		

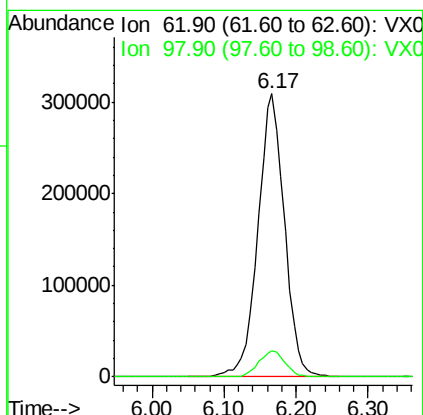
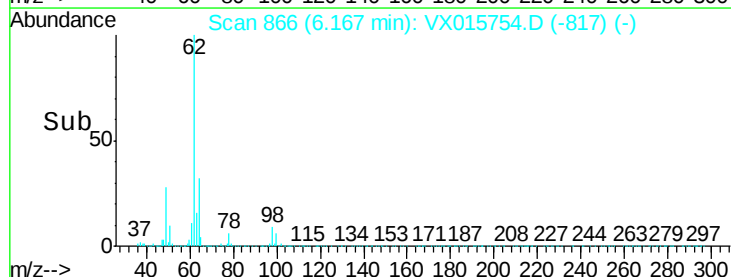
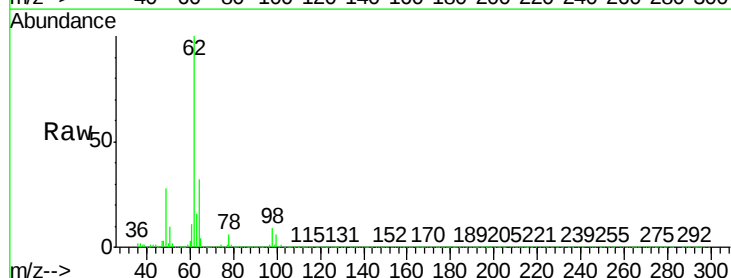
Manual Integrations
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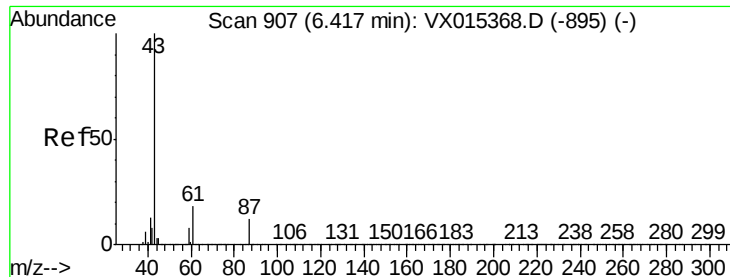
MMDadoda
4/20/2020 10:03:16 AM



#42
1,2-Dichloroethane
Concen: 48.395 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		791632		
98	9.3	0.0	17.6		





#43

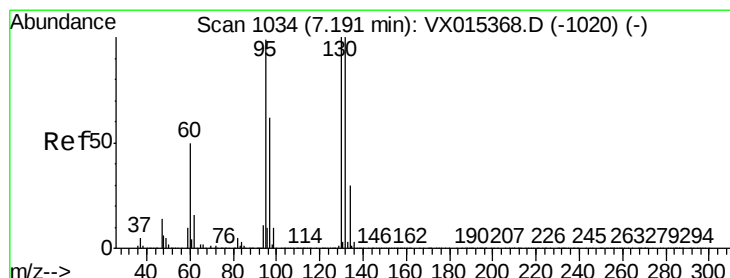
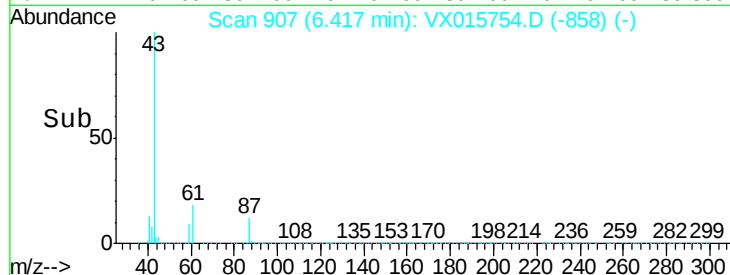
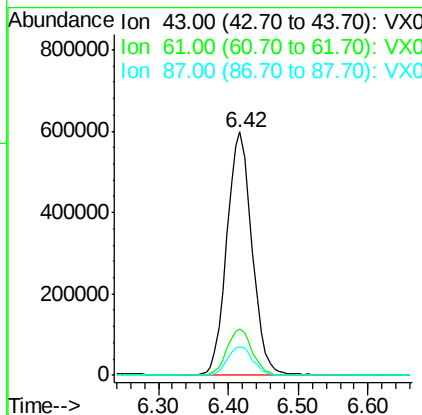
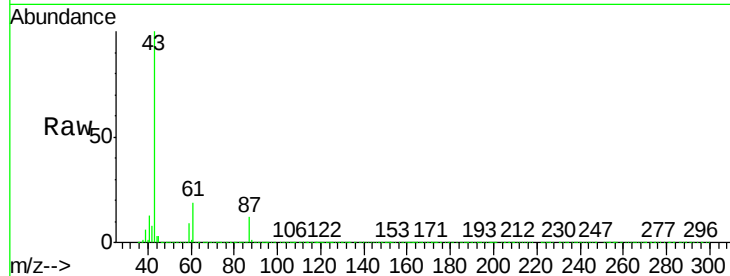
Isopropyl Acetate
 Concen: 48.503 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.8	22.2
87	12.0	9.4	14.0

Manual Integrations
 APPROVED

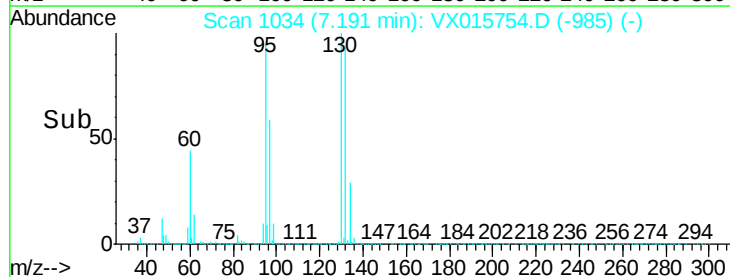
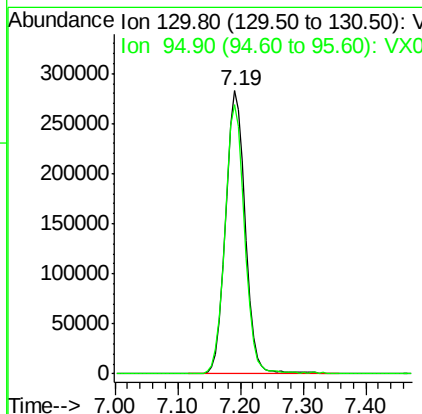
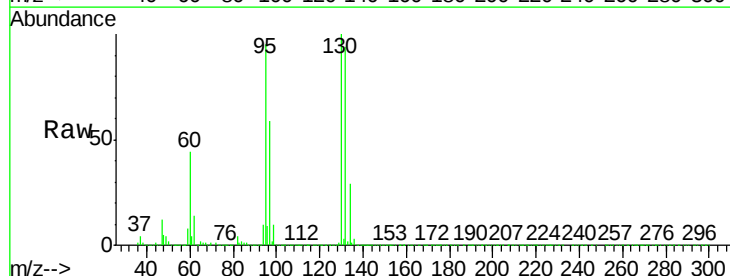
MMDadoda
 4/20/2020 10:03:16 AM

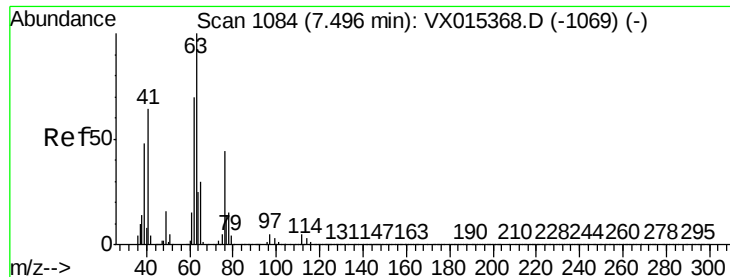


#44

Trichloroethene
 Concen: 55.163 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	199.0





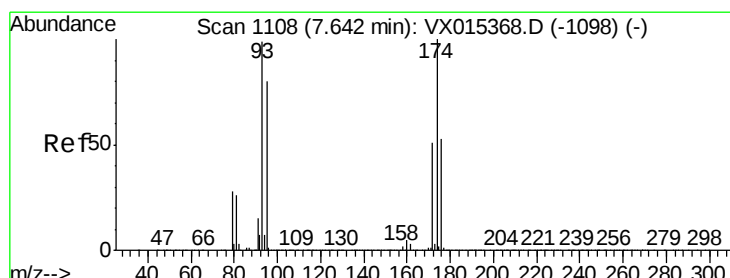
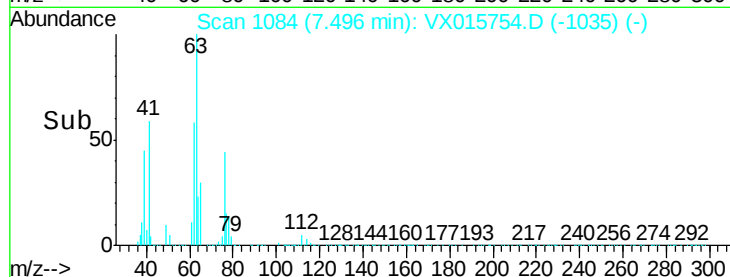
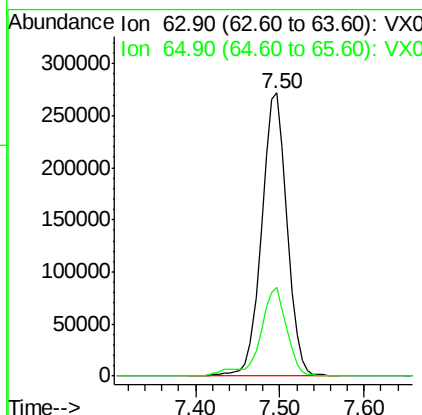
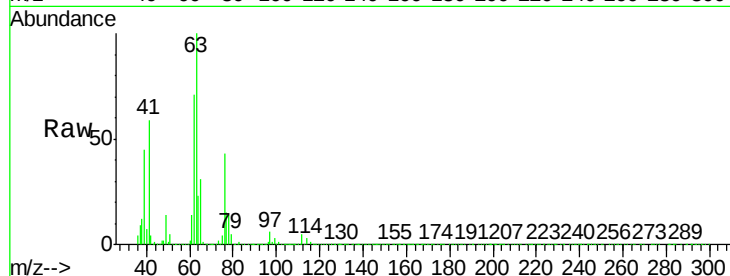
#45
 1,2-Dichloropropane
 Concen: 50.538 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.3	23.9	35.9

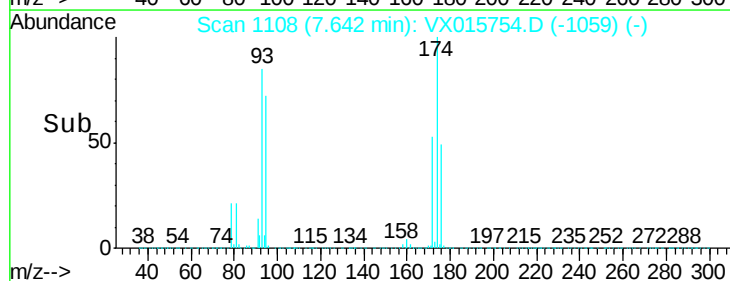
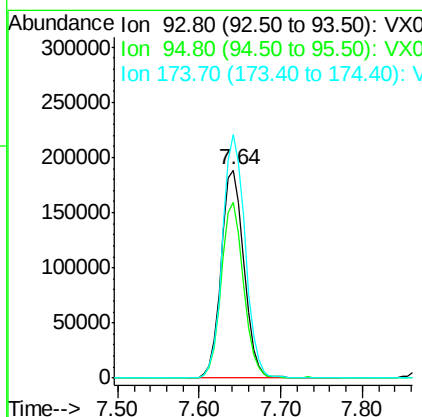
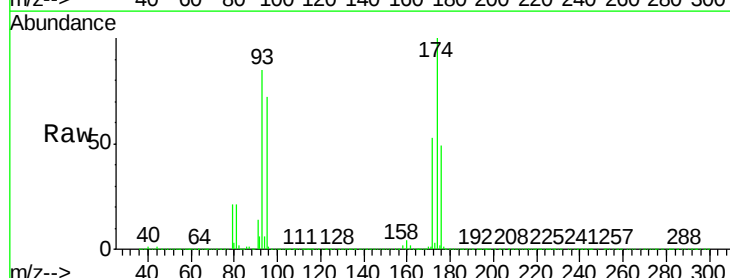
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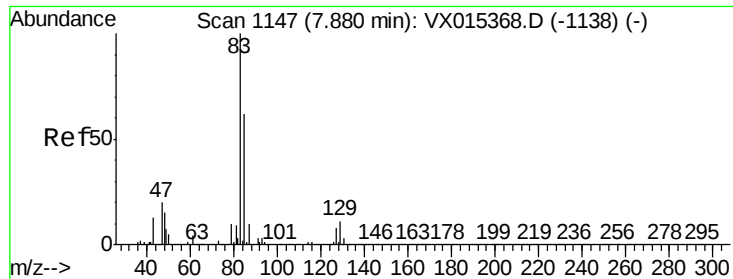
MMDadoda
 4/20/2020 10:03:16 AM



#46
 Dibromomethane
 Concen: 50.179 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	65.8	98.8
174	115.3	86.2	129.2





#47

Bromodichloromethane

Concen: 48.773 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

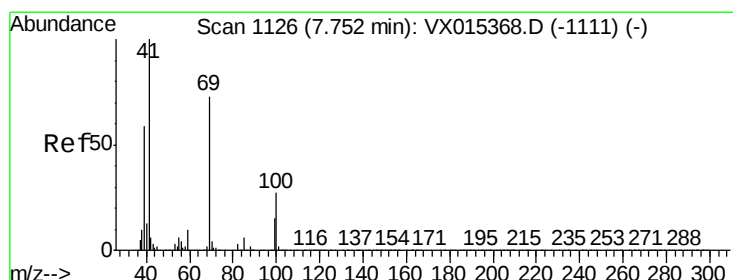
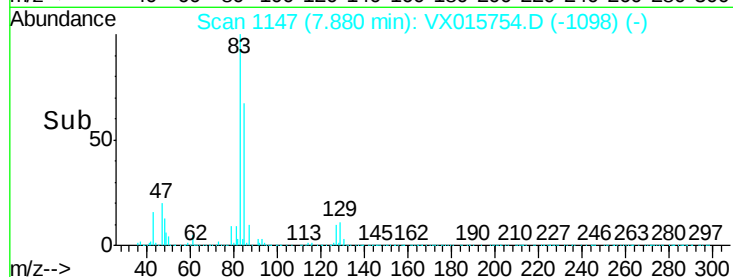
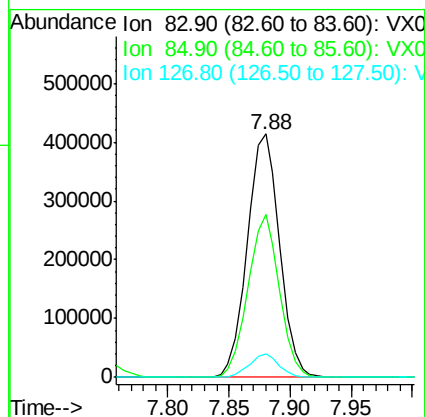
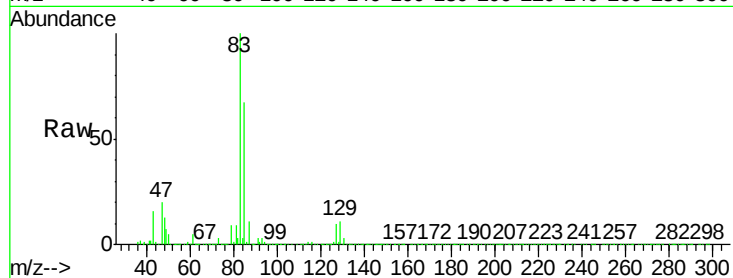
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	759461
Ion Ratio	Lower	Upper	
83	100		
85	66.6	49.7	74.5
127	9.6	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.082 ug/l

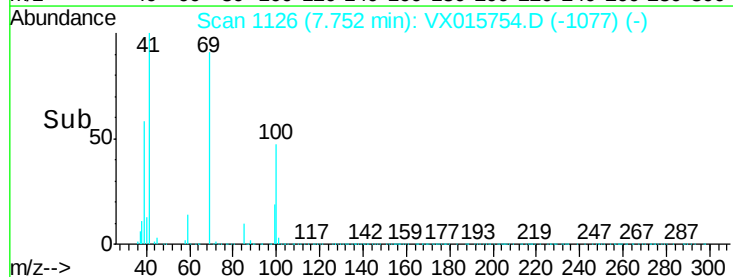
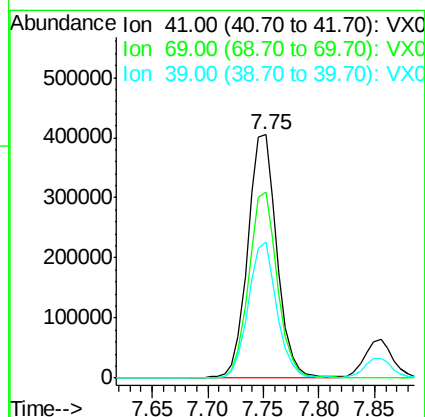
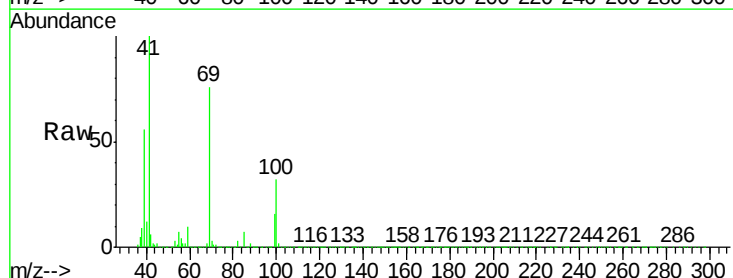
RT: 7.75 min Scan# 1126

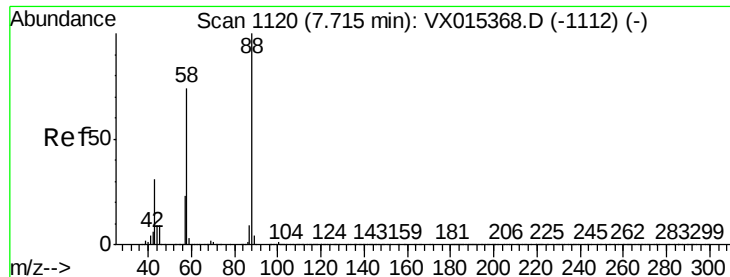
Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion:	41	Resp:	733874
Ion Ratio	Lower	Upper	
41	100		
69	74.8	56.7	85.1
39	54.6	46.5	69.7





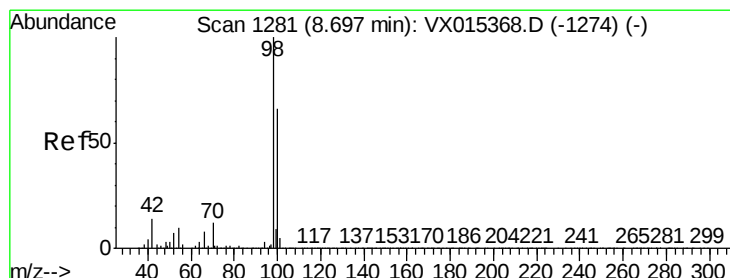
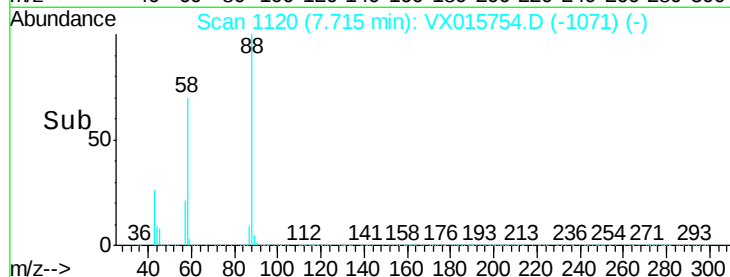
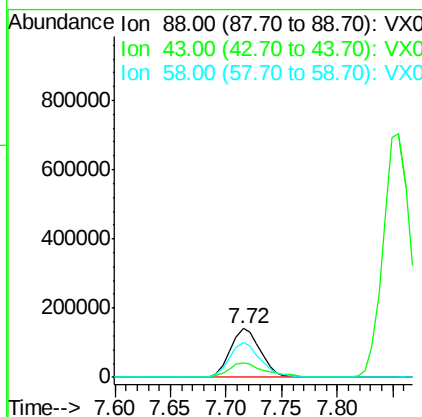
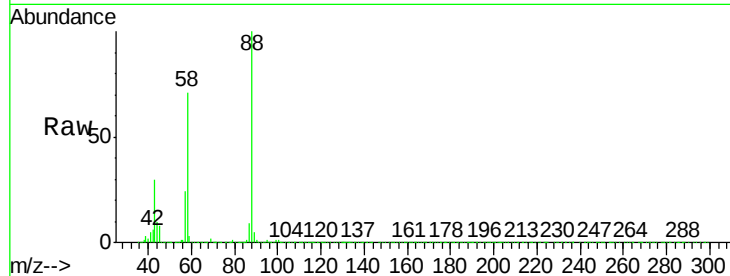
#49
1,4-Dioxane
Concen: 921.517 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	30.1	45.1
58	73.0	60.6	90.8

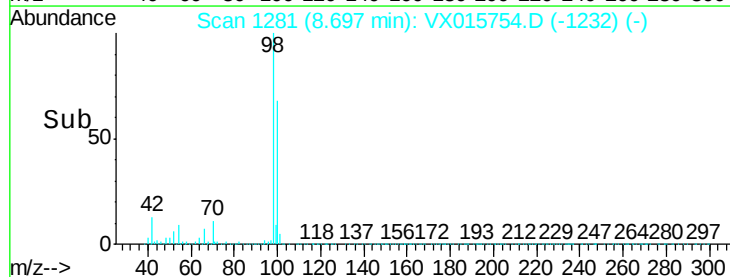
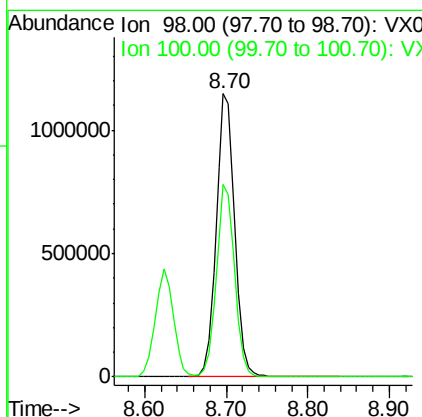
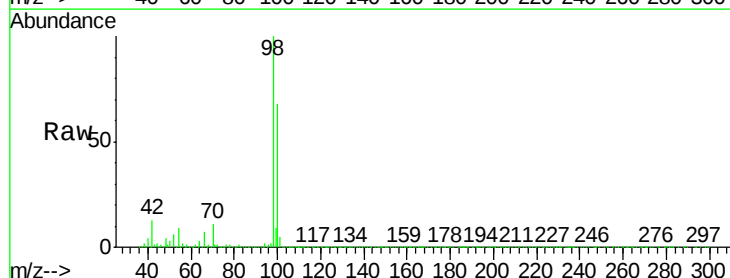
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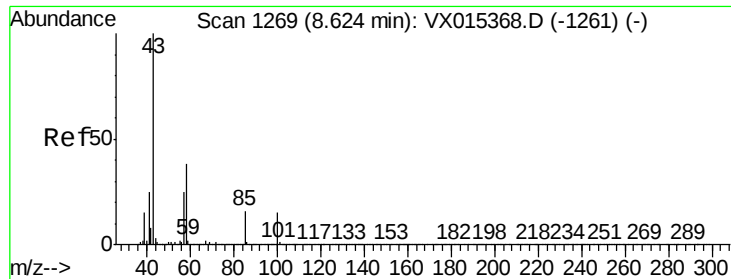
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#50
Toluene-d8
Concen: 51.327 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.5	80.3





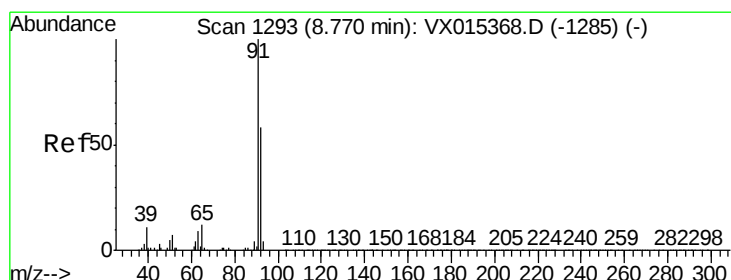
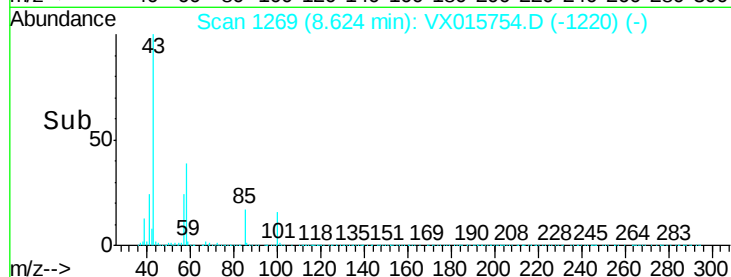
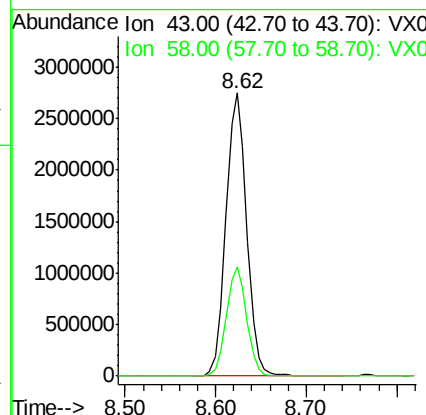
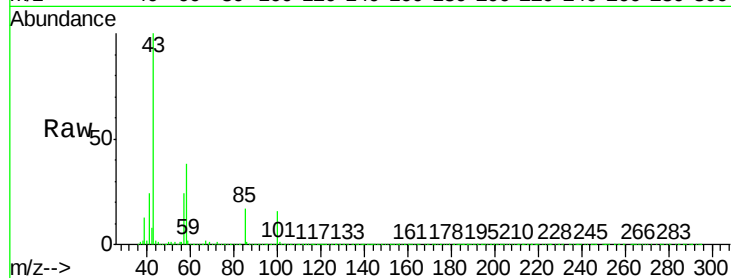
#51
4-Methyl-2-Pentanone
Concen: 253.904 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 4396976
Ion Ratio Lower Upper
43 100
58 37.9 29.7 44.5

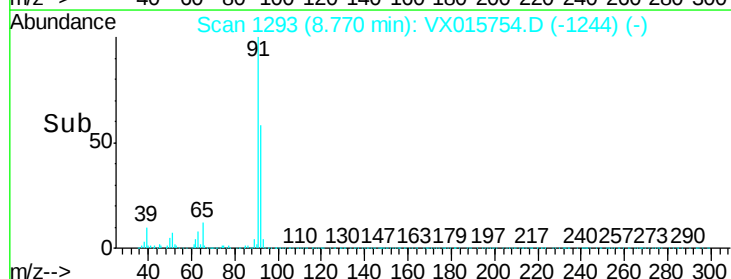
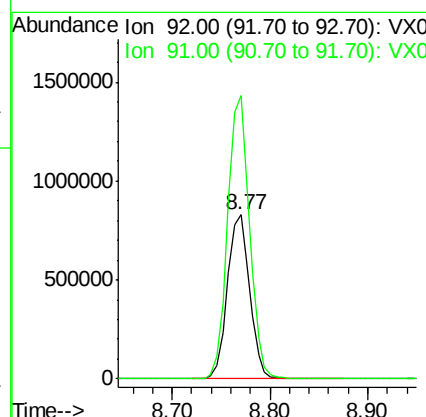
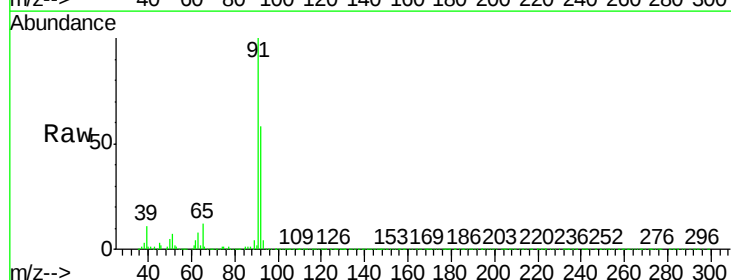
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#52
Toluene
Concen: 52.195 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion: 92 Resp: 1310451
Ion Ratio Lower Upper
92 100
91 170.0 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 45.855 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 837414

Ion Ratio Lower Upper

75 100

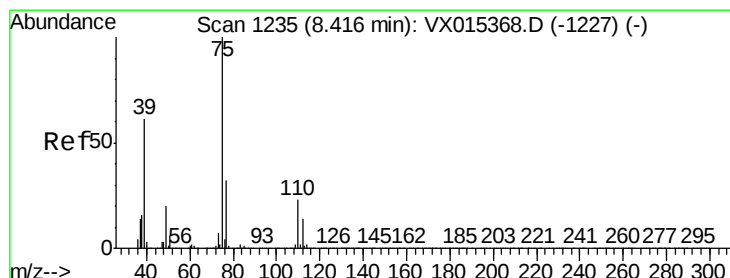
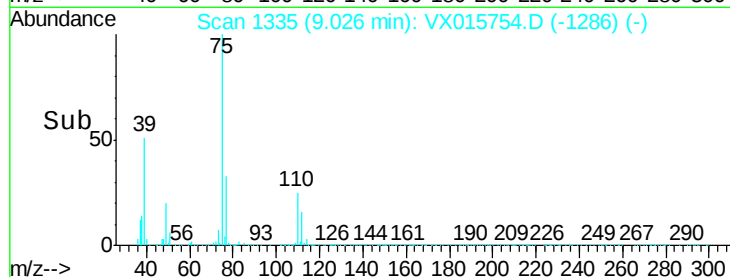
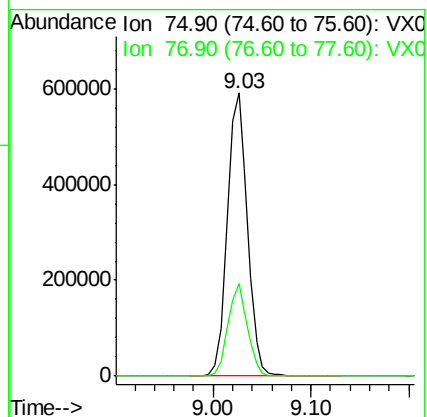
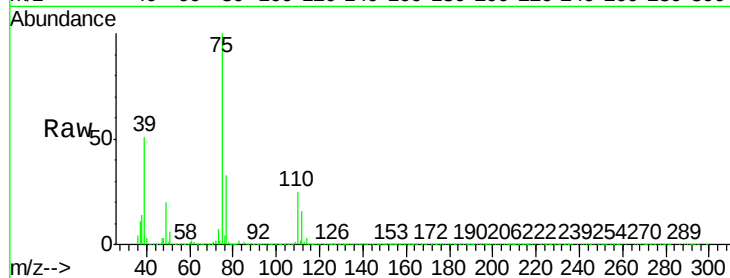
77 32.5 24.1 36.1

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#54

cis-1,3-Dichloropropene

Concen: 48.398 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

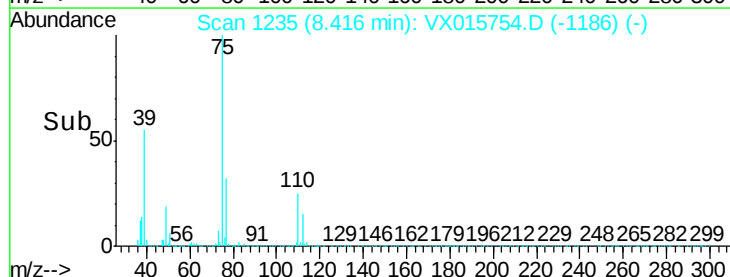
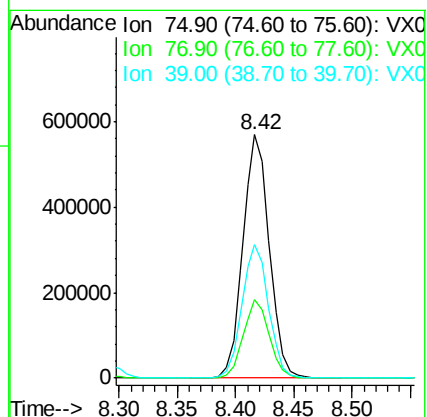
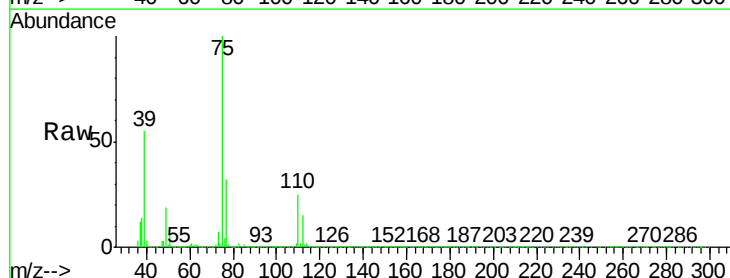
Tgt Ion: 75 Resp: 900359

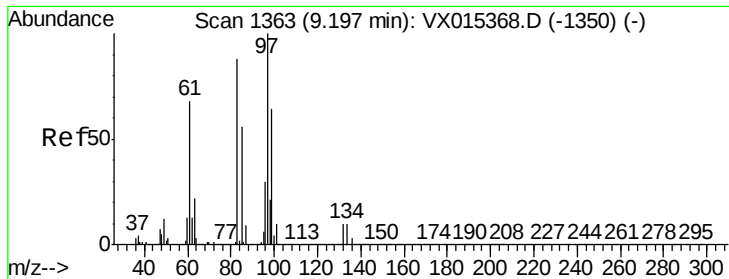
Ion Ratio Lower Upper

75 100

77 32.2 25.8 38.6

39 54.6 49.0 73.4





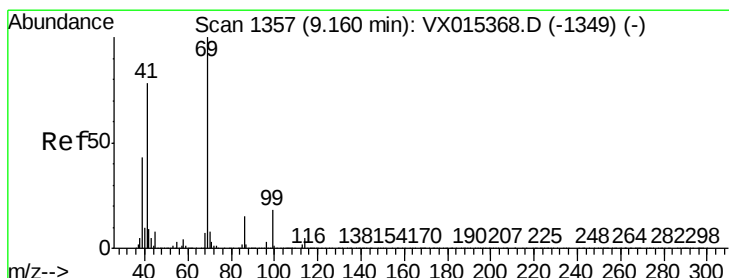
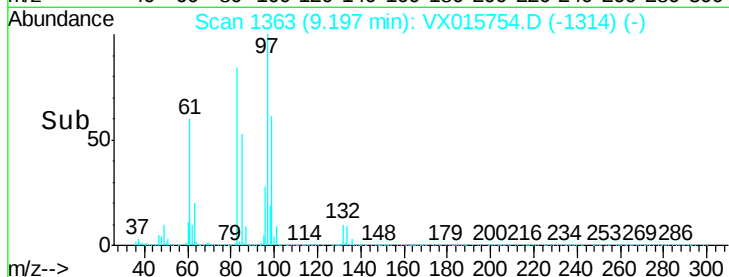
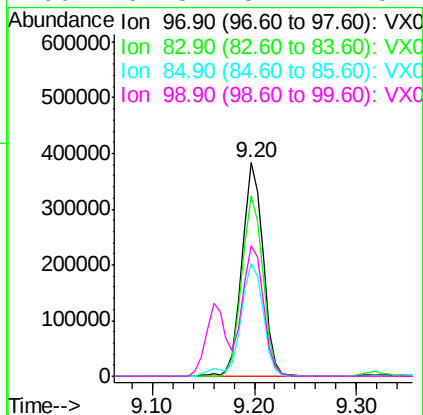
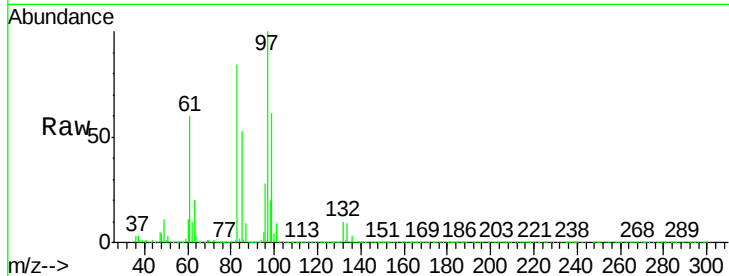
#55
 1,1,2-Trichloroethane
 Concen: 53.129 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		546503		
83	84.2	70.2	105.4		
85	52.9	44.7	67.1		
99	61.3	51.1	76.7		

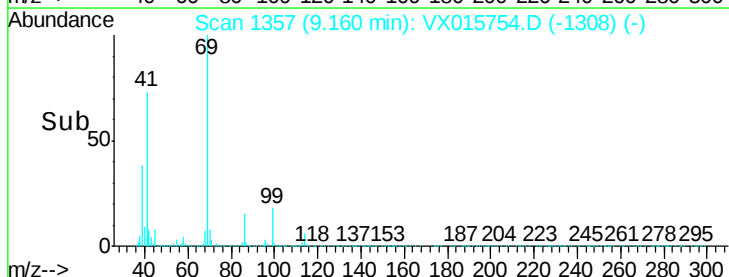
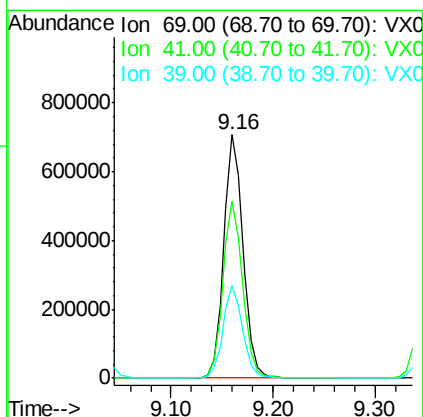
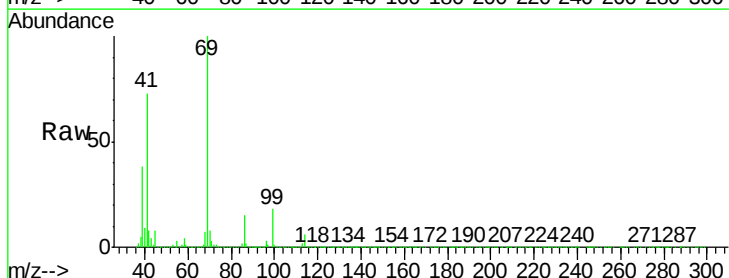
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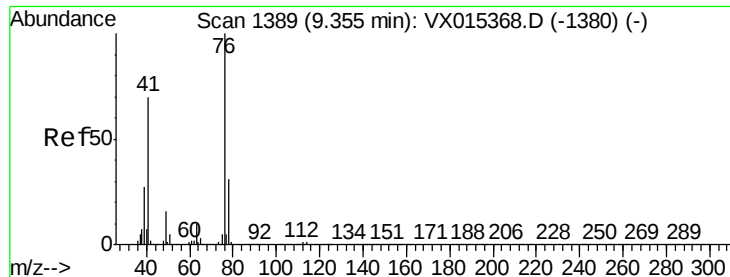
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#56
 Ethyl methacrylate
 Concen: 51.363 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		931125		
41	73.4	61.6	92.4		
39	37.9	34.0	51.0		





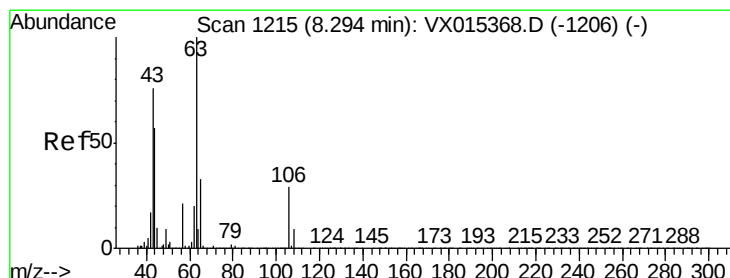
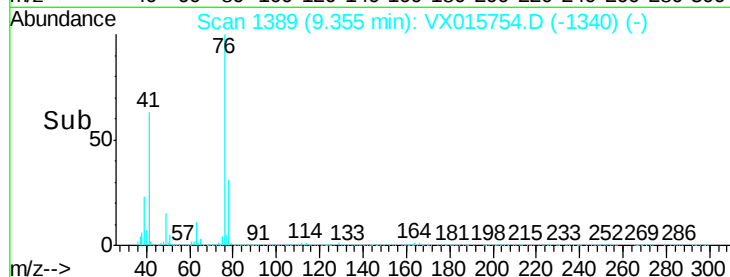
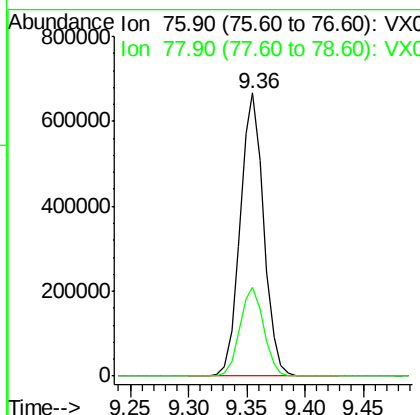
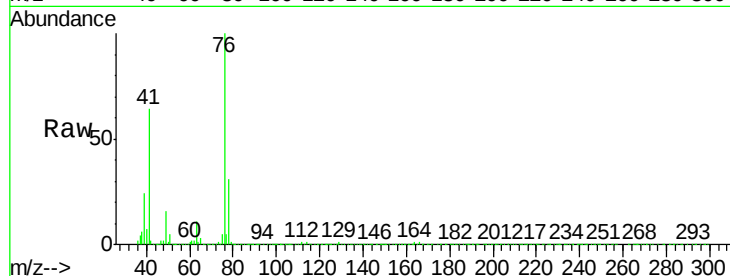
#57
 1,3-Dichloropropane
 Concen: 50.406 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8

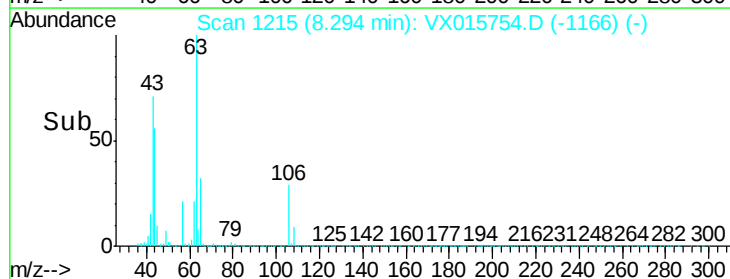
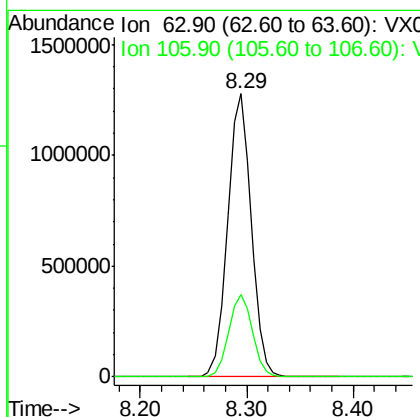
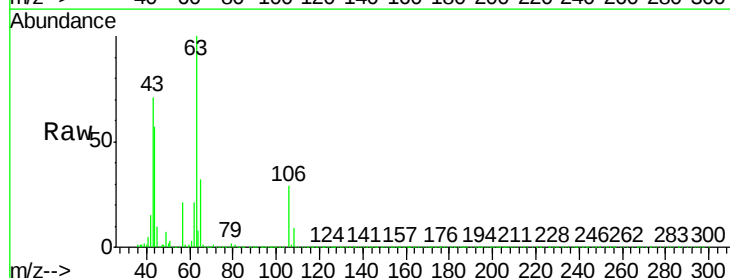
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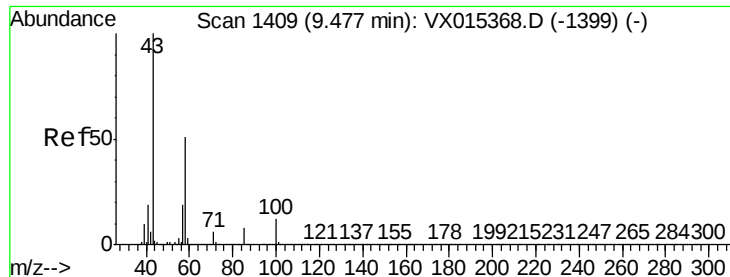
MMDadoda
 4/20/2020 10:03:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 224.710 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.4	22.7	34.1





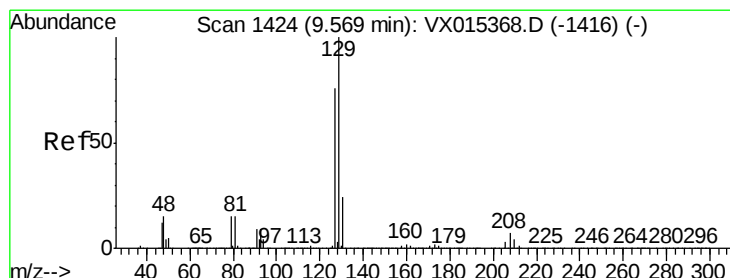
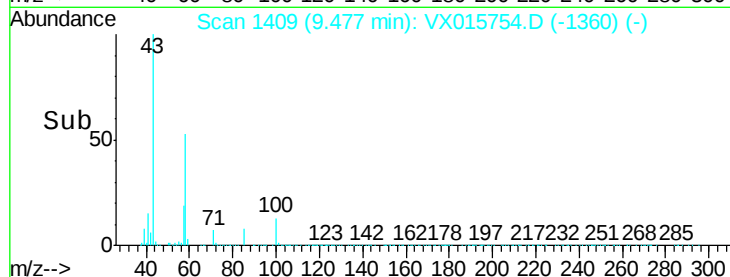
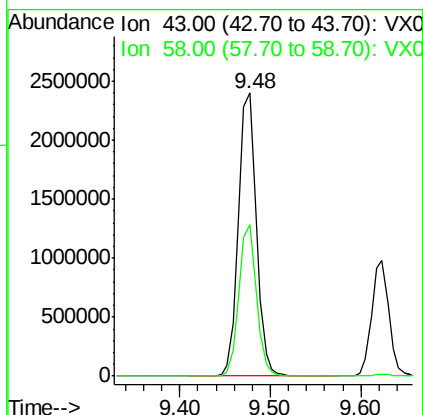
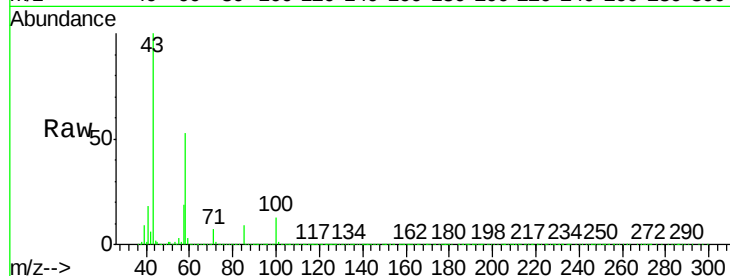
#59
2-Hexanone
Concen: 253.463 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3313852
Ion Ratio Lower Upper
43 100
58 52.5 25.6 76.6

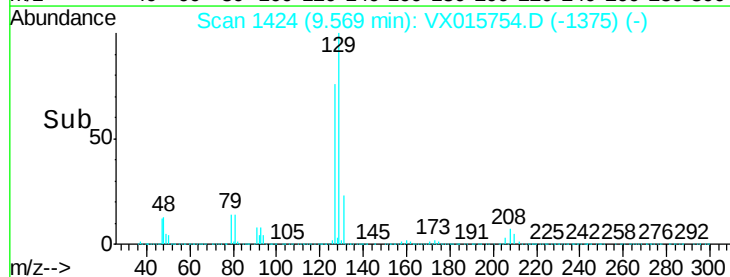
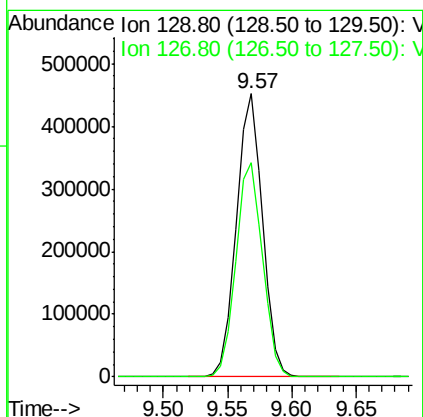
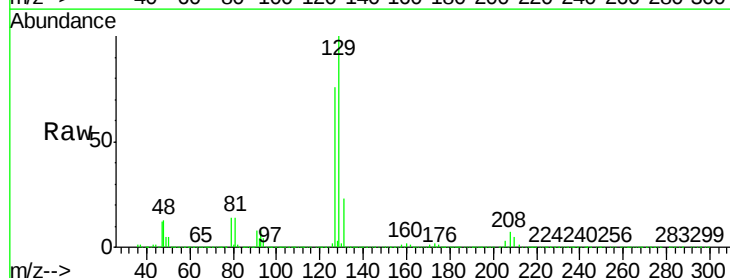
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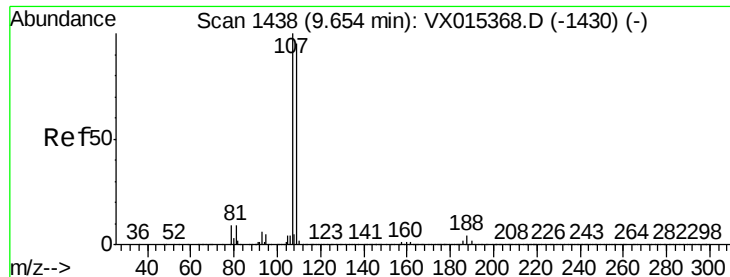
MMDadoda
4/20/2020 10:03:16 AM



#60
Dibromochloromethane
Concen: 51.453 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion: 129 Resp: 635986
Ion Ratio Lower Upper
129 100
127 77.1 38.2 114.6





#61

1,2-Dibromoethane

Concen: 51.454 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 575508

Ion Ratio Lower Upper

107 100

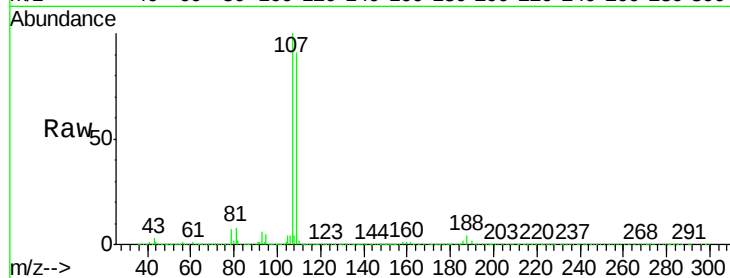
109 93.3 74.8 112.2

Manual Integrations

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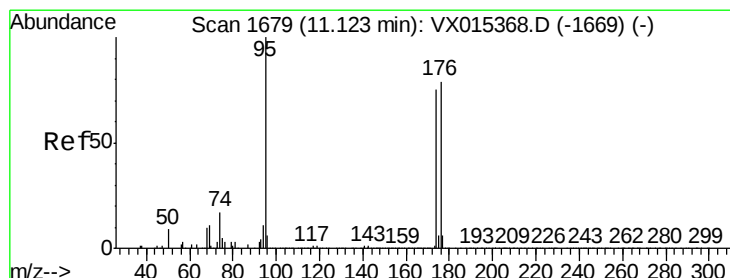
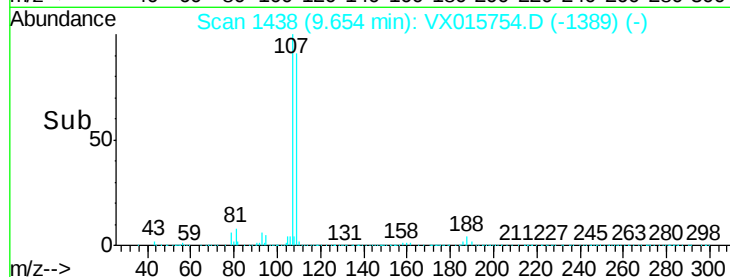
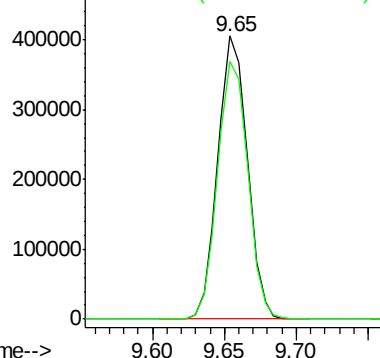
MMDadoda

4/20/2020 10:03:16 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.939 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

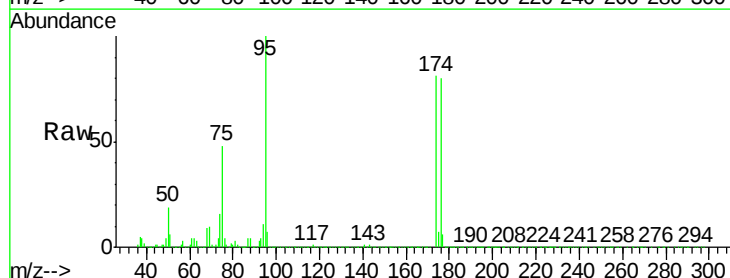
Tgt Ion: 95 Resp: 735106

Ion Ratio Lower Upper

95 100

174 84.4 0.0 158.6

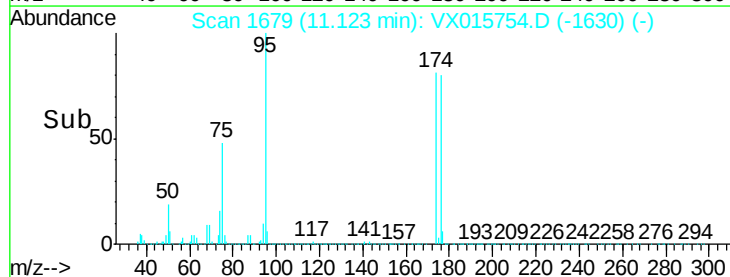
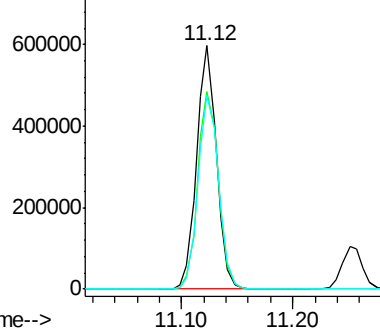
176 82.8 0.0 159.0



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





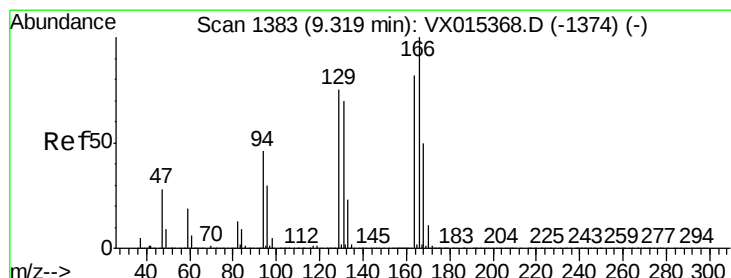
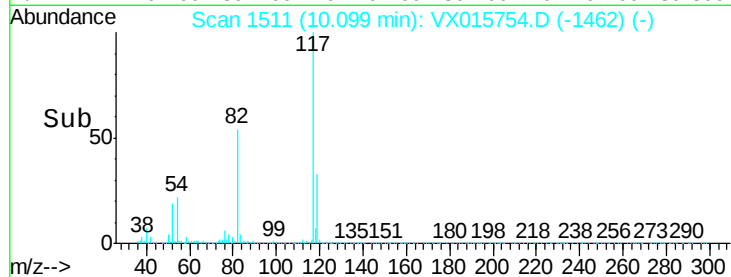
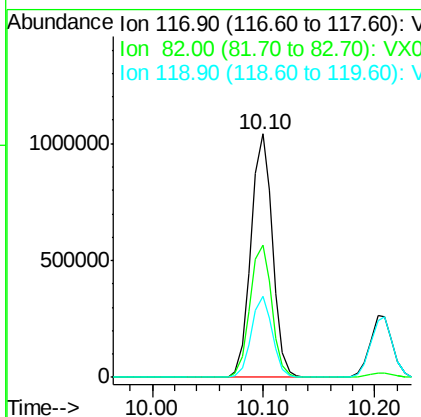
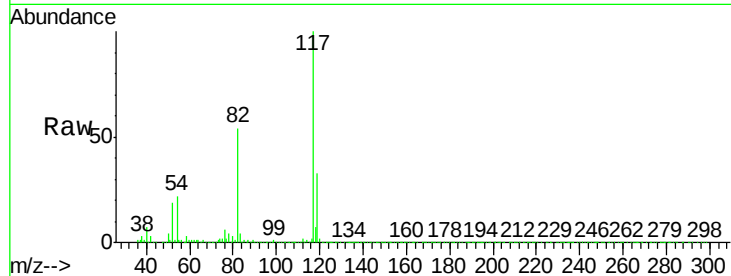
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	47.8	71.8
119	33.0	26.8	40.2

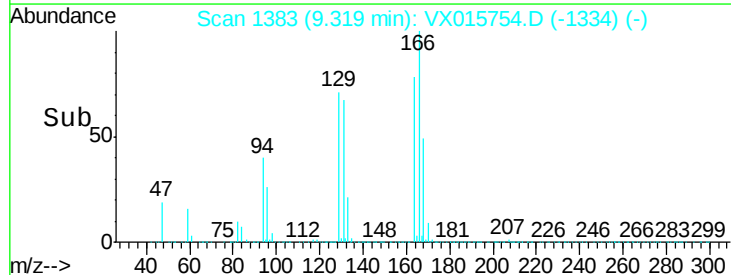
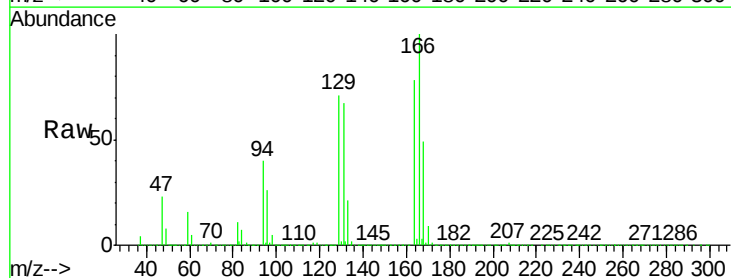
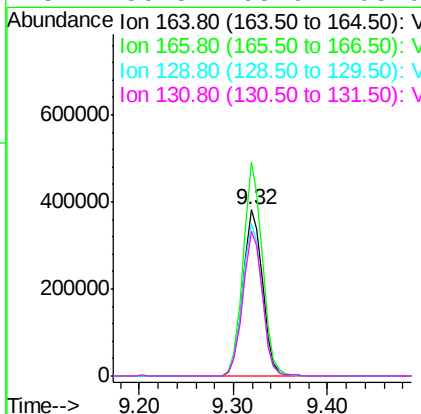
Manual Integrations
APPROVED

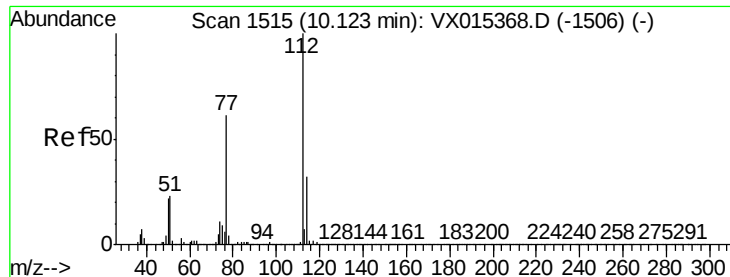
MMDadoda
4/20/2020 10:03:16 AM



#64
Tetrachloroethene
Concen: 52.449 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	97.8	146.6
129	91.3	73.0	109.4
131	86.8	68.6	103.0





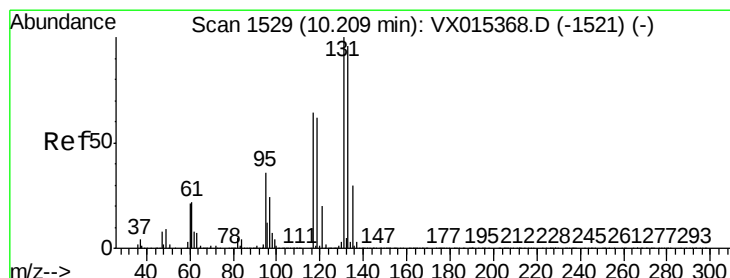
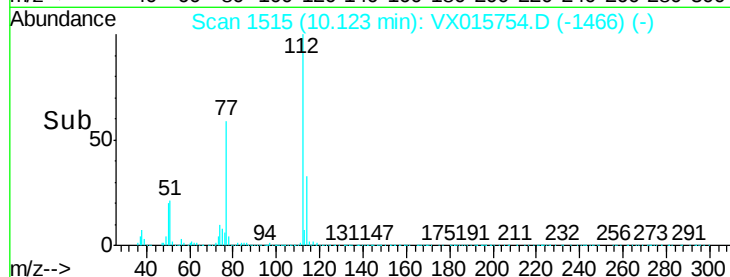
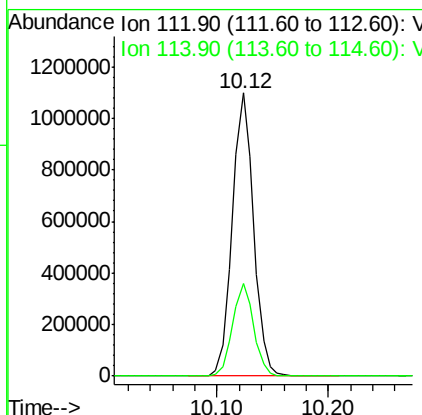
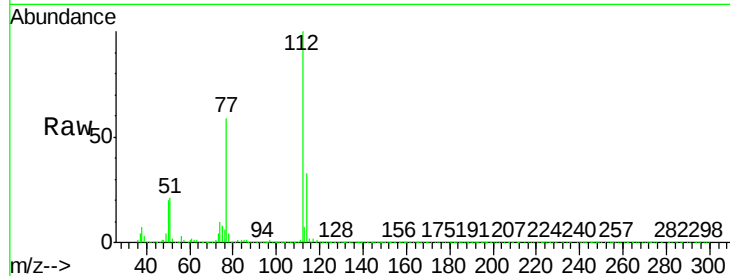
#65
Chlorobenzene
Concen: 51.726 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1447931
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

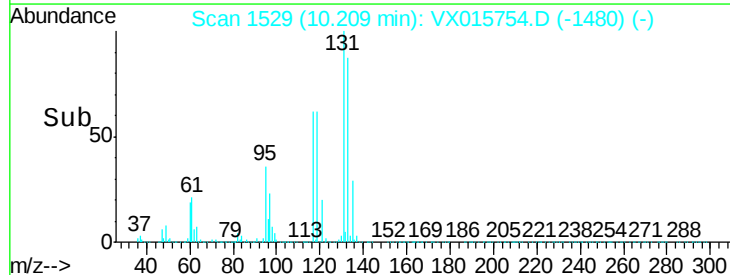
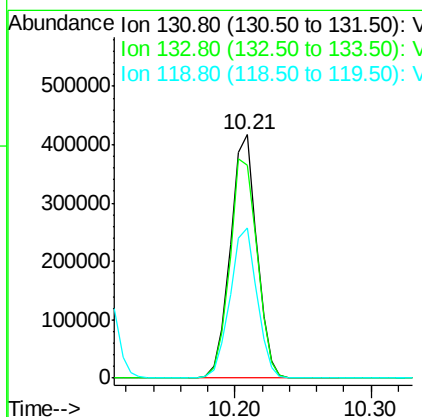
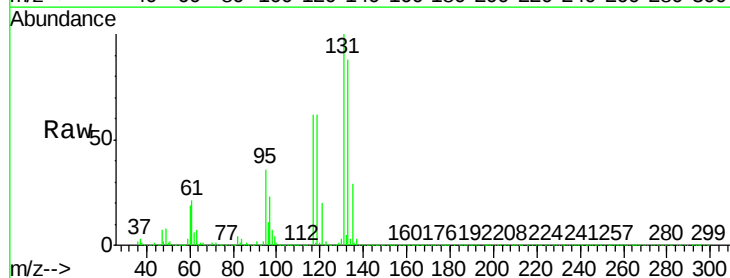
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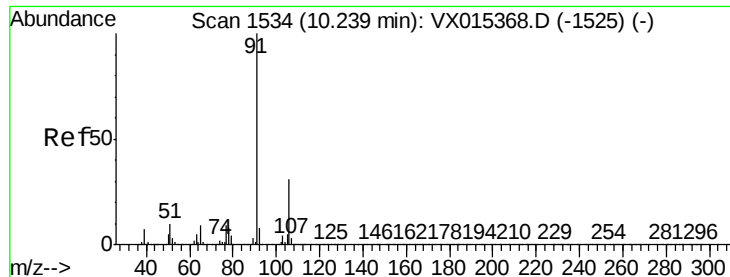
MMDadoda
4/20/2020 10:03:16 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.318 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion:131 Resp: 562712
Ion Ratio Lower Upper
131 100
133 93.3 47.6 142.9
119 62.8 31.1 93.3





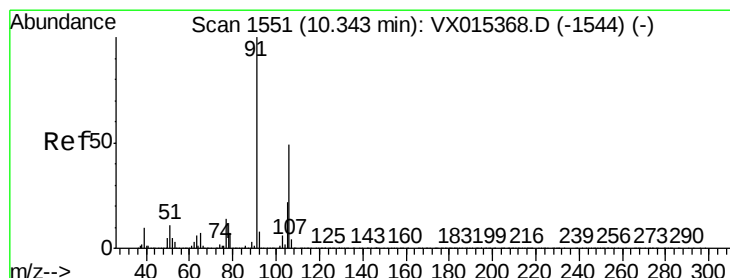
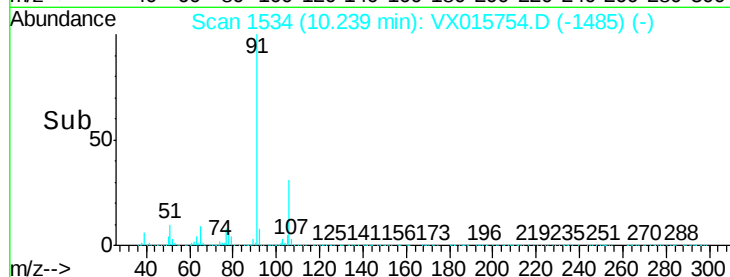
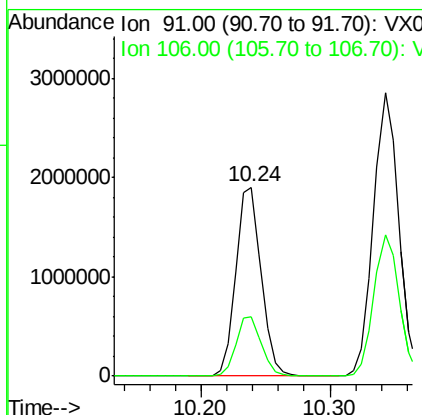
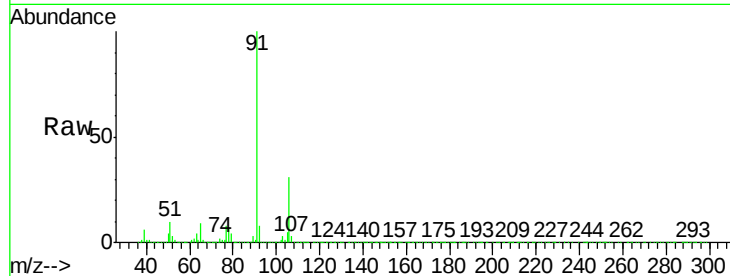
#67
Ethyl Benzene
Concen: 52.455 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2604207
Ion Ratio Lower Upper
91 100
106 31.4 24.8 37.2

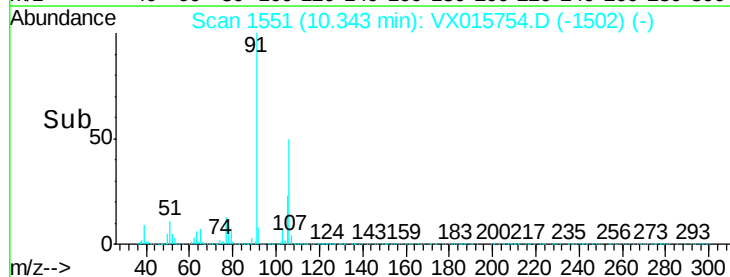
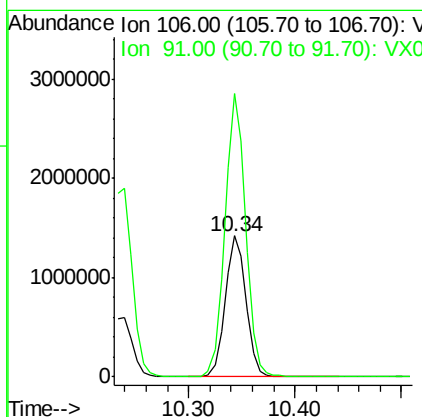
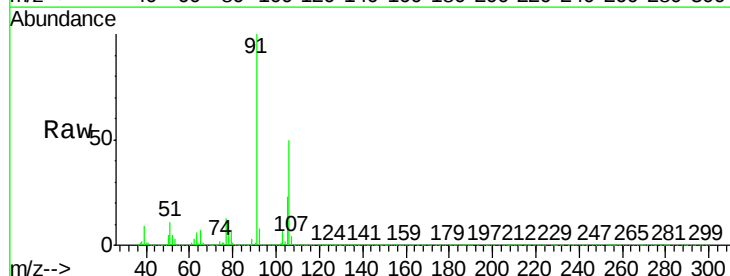
Manual Integrations
APPROVED

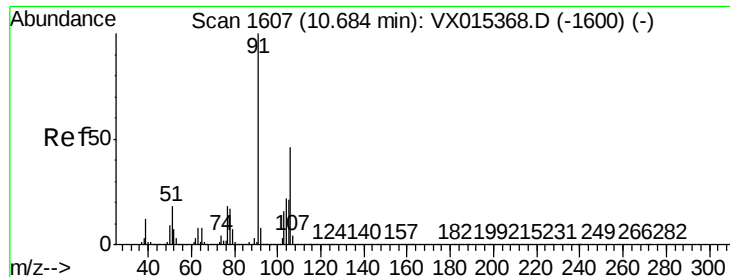
MMDadoda
4/20/2020 10:03:16 AM



#68
m/p-Xylenes
Concen: 104.938 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion: 106 Resp: 1939964
Ion Ratio Lower Upper
106 100
91 199.3 163.4 245.0





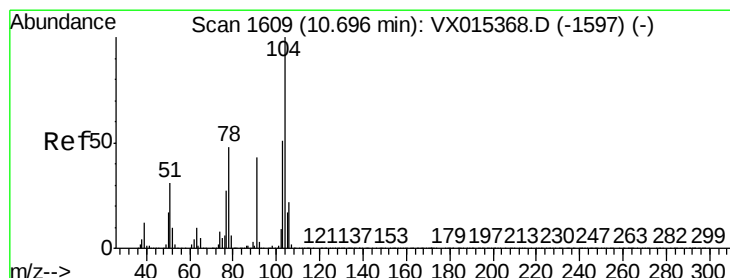
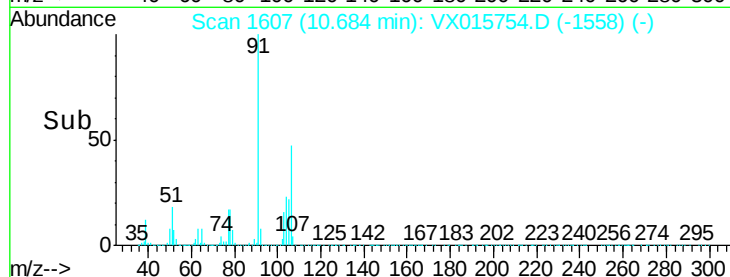
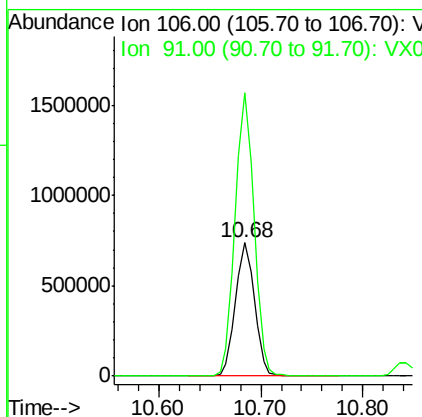
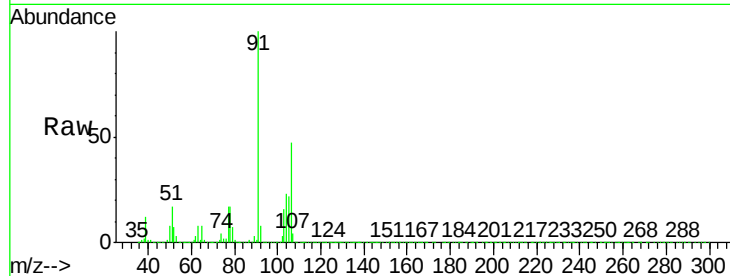
#69
o-Xylene
Concen: 51.879 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.8	107.1	321.3

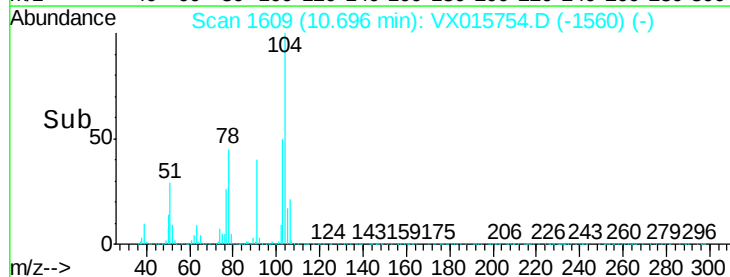
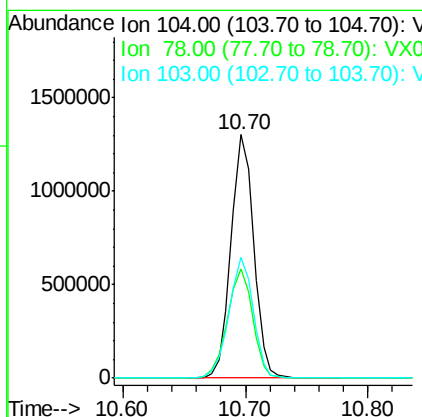
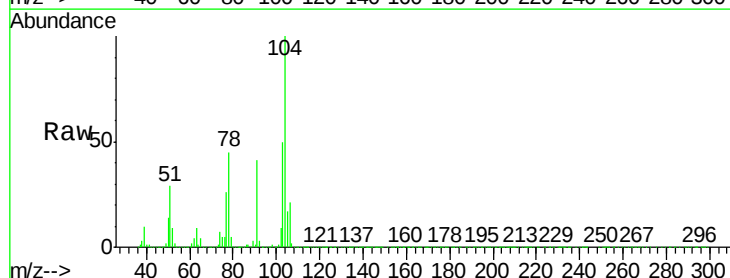
Manual Integrations
APPROVED

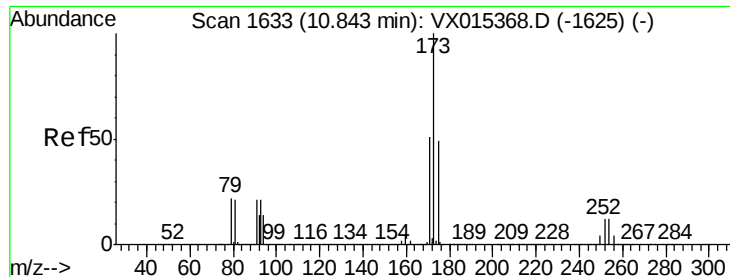
MMDadoda
4/20/2020 10:03:16 AM



#70
Styrene
Concen: 51.981 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.9	42.0	63.0
103	53.4	43.4	65.0





#71

Bromoform

Concen: 48.204 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

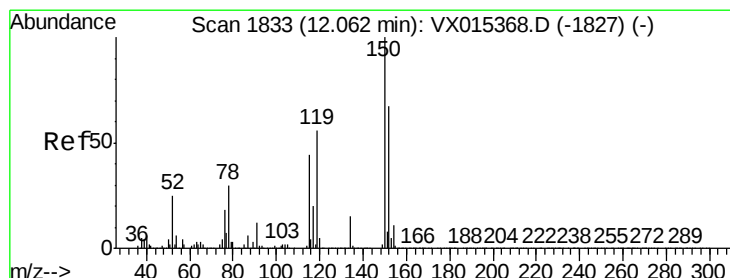
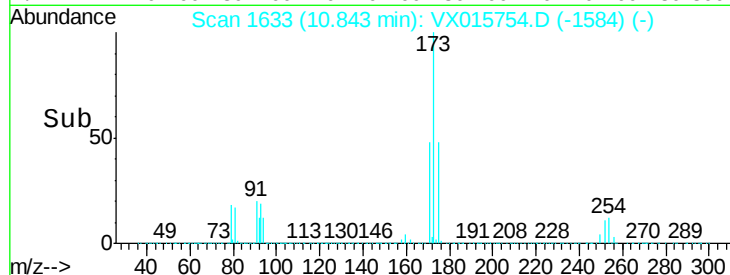
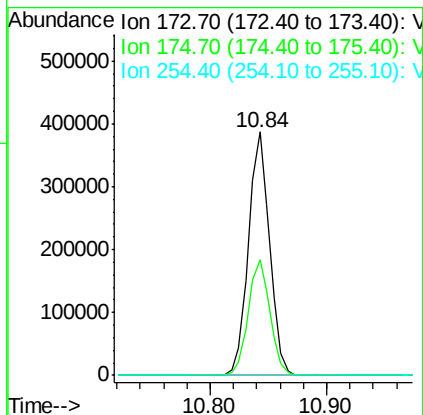
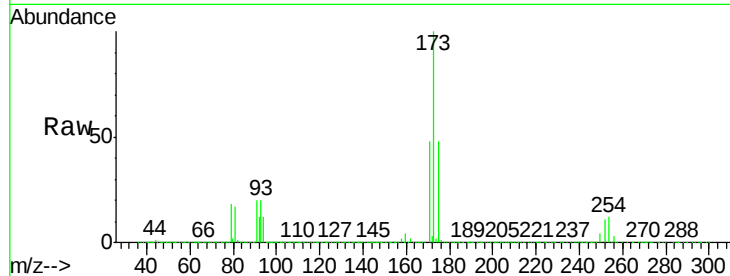
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	490736
Ion Ratio	Lower	Upper	
173	100		
175	49.0	23.9	71.7
254	0.3	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

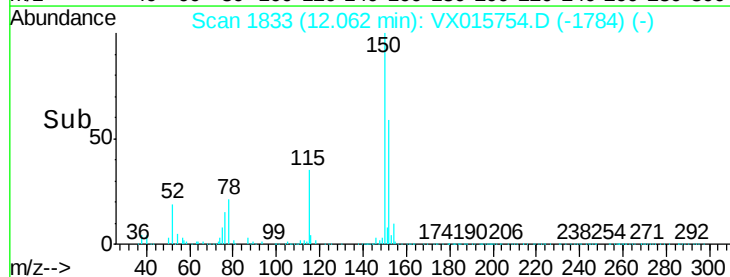
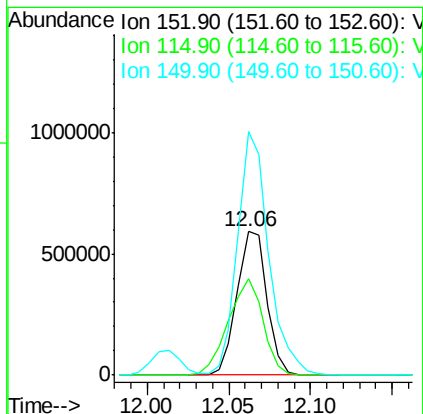
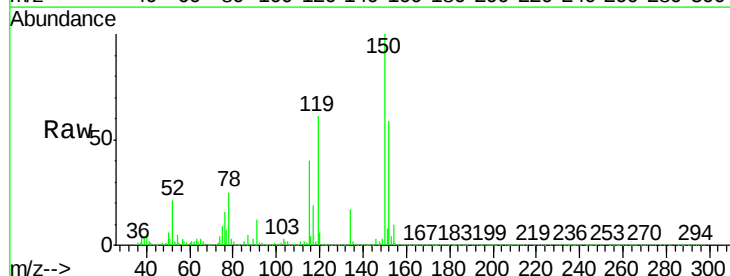
RT: 12.06 min Scan# 1833

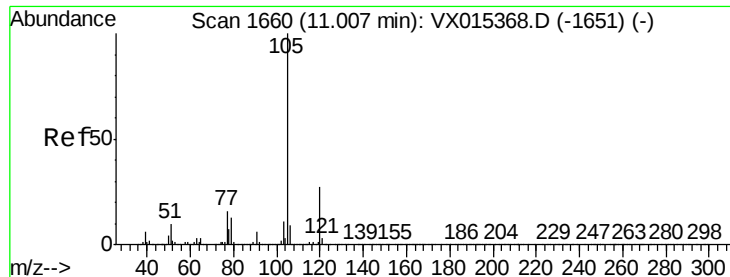
Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion:	152	Resp:	755582
Ion Ratio	Lower	Upper	
152	100		
115	77.9	39.0	116.9
150	176.8	0.0	340.8





#73

Isopropylbenzene

Concen: 51.343 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2541839

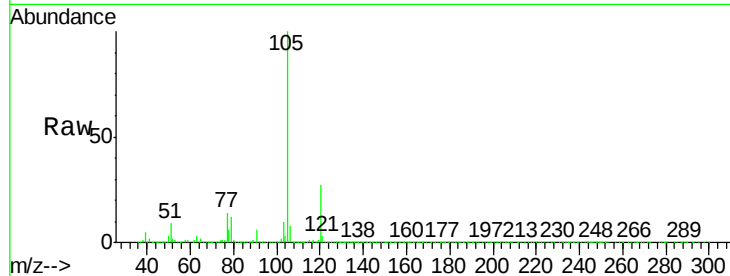
Ion Ratio Lower Upper

105 100

120 26.5 13.2 39.5

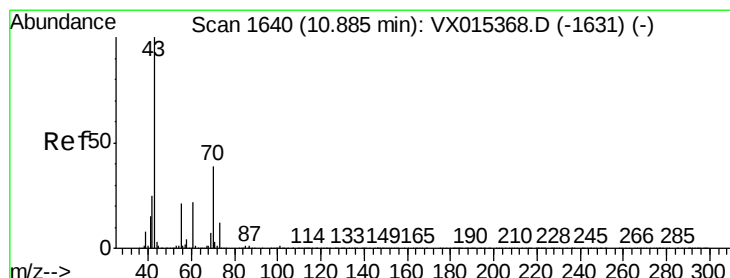
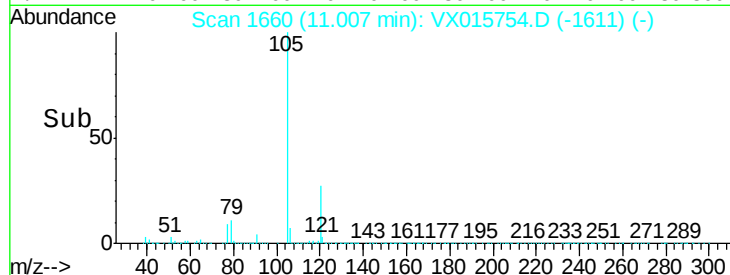
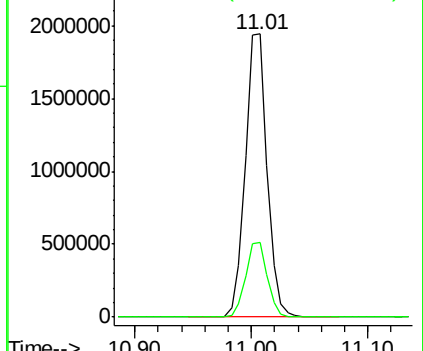
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.841 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion: 43 Resp: 1289758

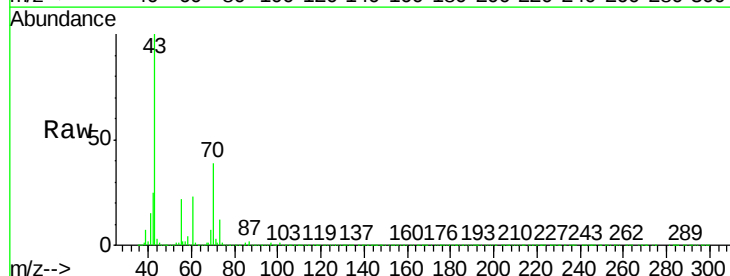
Ion Ratio Lower Upper

43 100

70 40.7 30.2 45.4

55 22.1 16.8 25.2

61 23.2 18.2 27.2

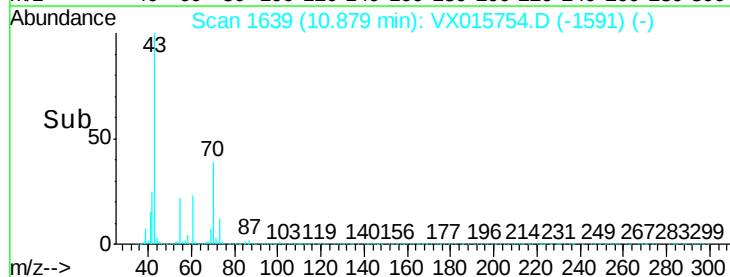
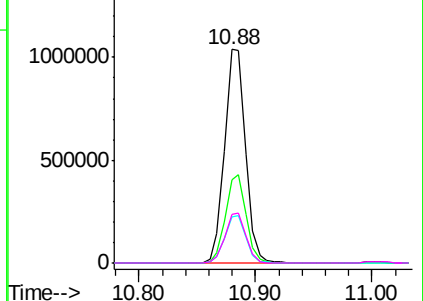


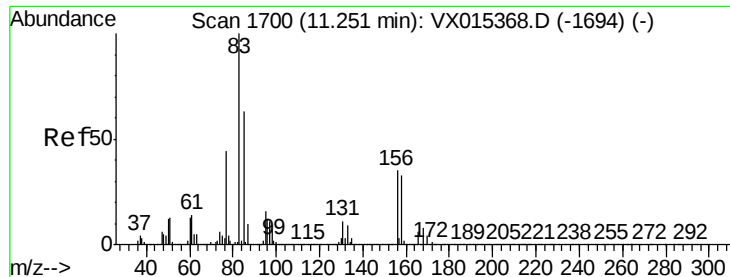
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.855 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

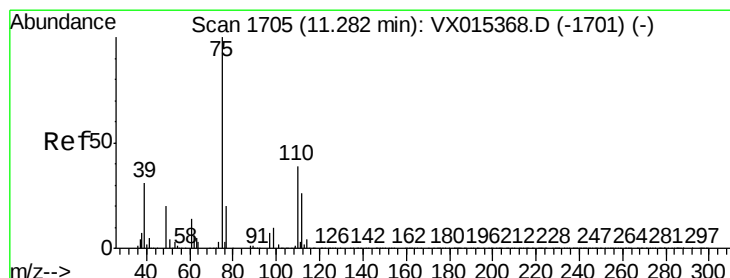
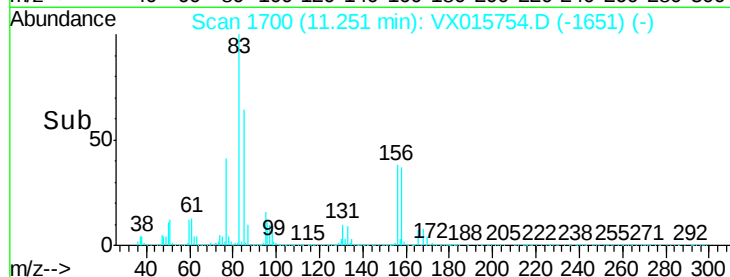
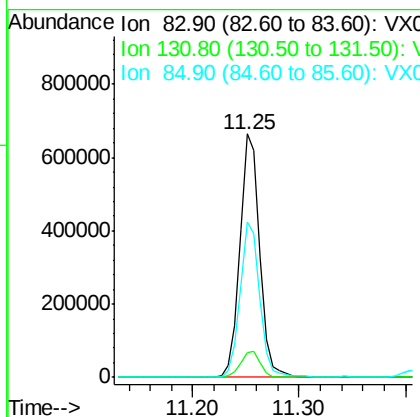
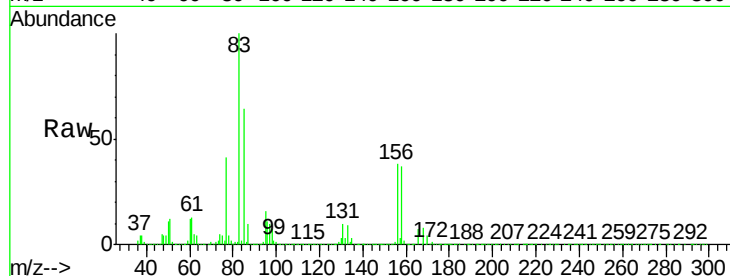
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	863919
Ion Ratio		Lower	Upper
83	100		
131	10.8	5.3	16.1
85	63.6	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 47.619 ug/l m

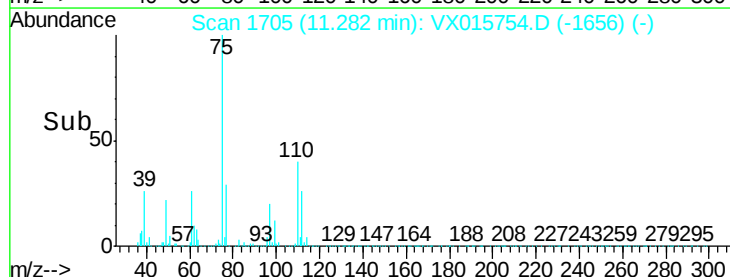
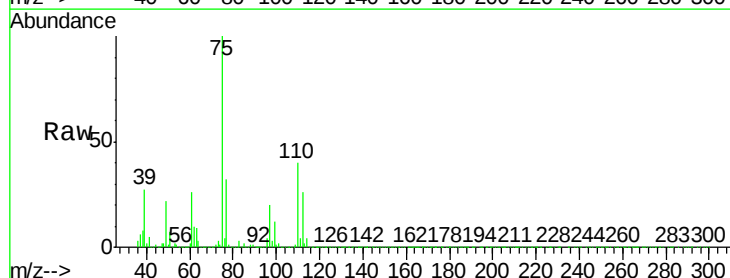
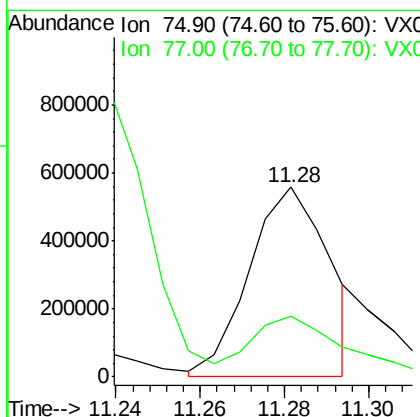
RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Tgt Ion:	75	Resp:	739907
Ion Ratio		Lower	Upper
75	100		
77	37.5	21.2	63.6





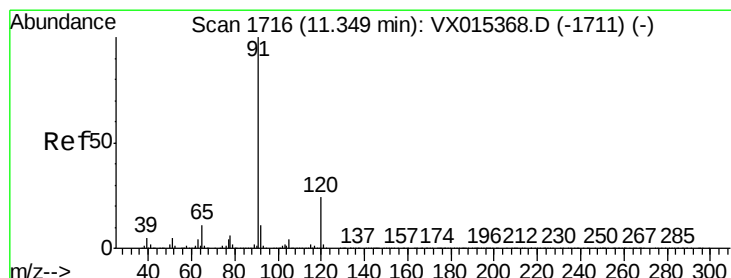
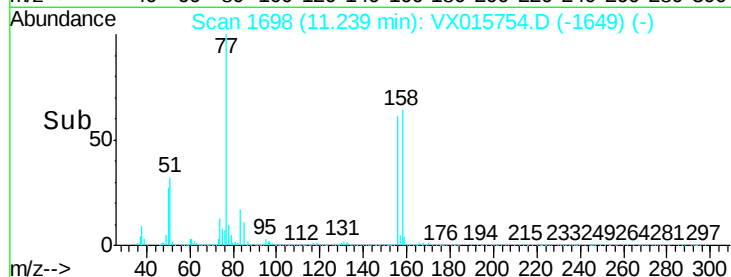
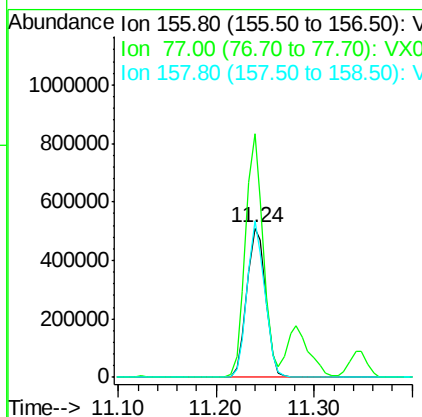
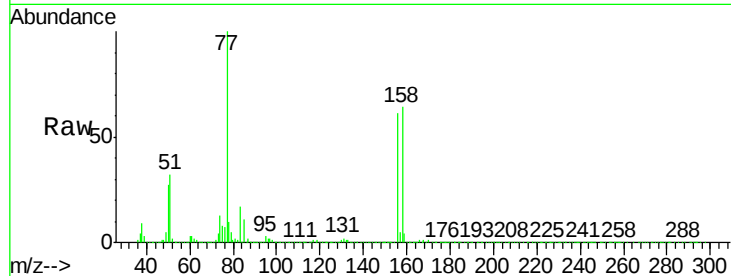
#77
Bromobenzene
Concen: 51.983 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	153.0	82.2	246.5
158	97.7	49.3	147.9

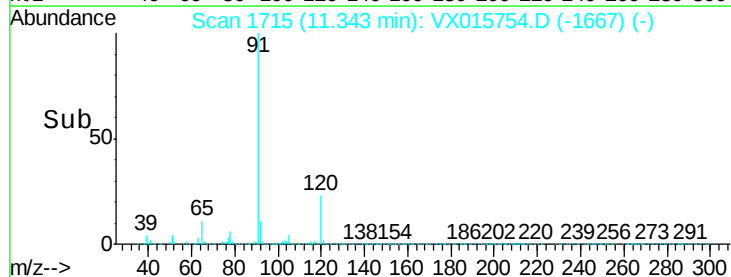
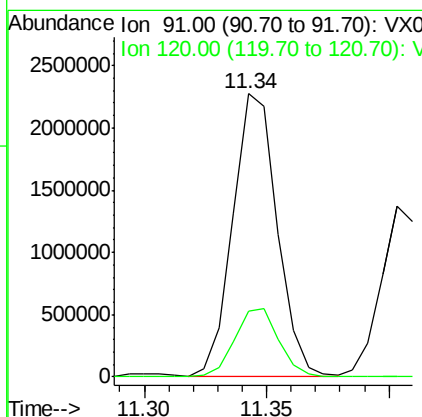
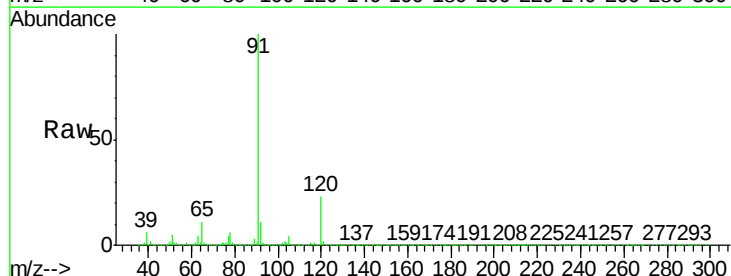
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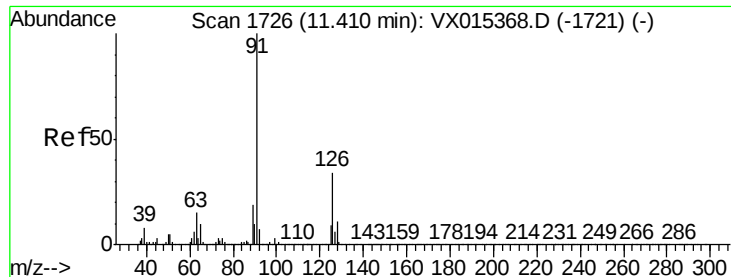
MMDadoda
4/20/2020 10:03:16 AM



#78
n-propylbenzene
Concen: 50.279 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 49.458 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015754.D

Acq: 17 Apr 2020 21:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1716095

Ion Ratio Lower Upper

91 100

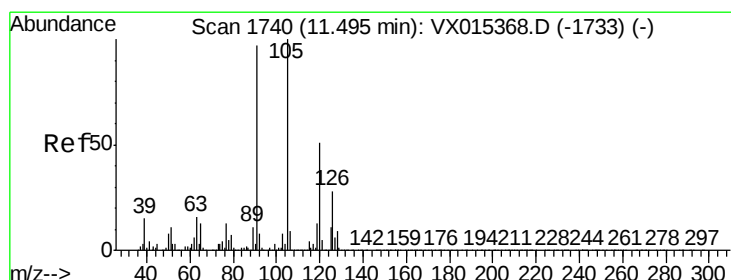
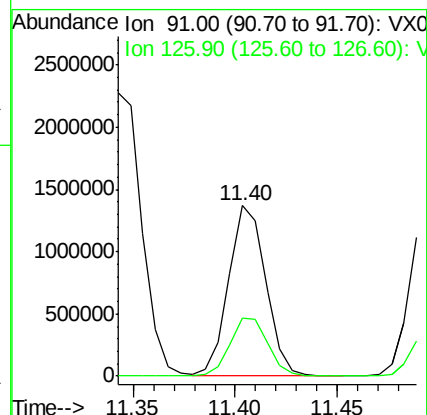
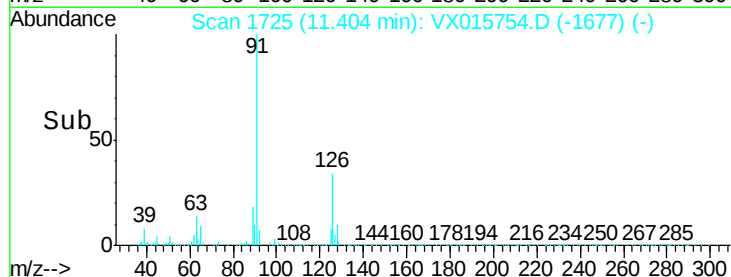
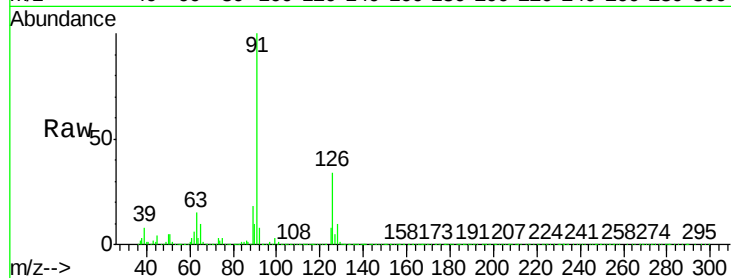
126 34.9 16.5 49.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 50.926 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015754.D

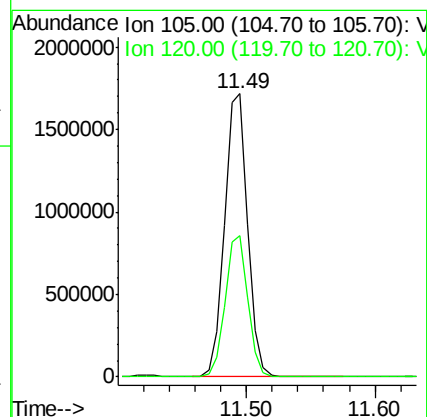
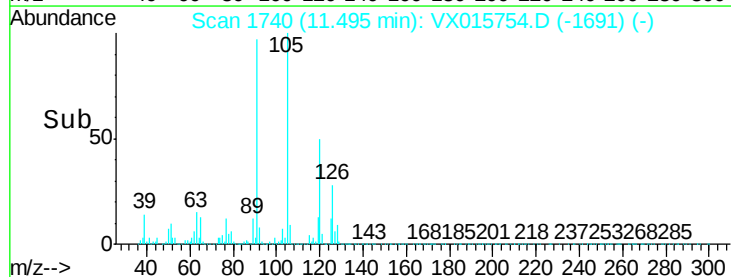
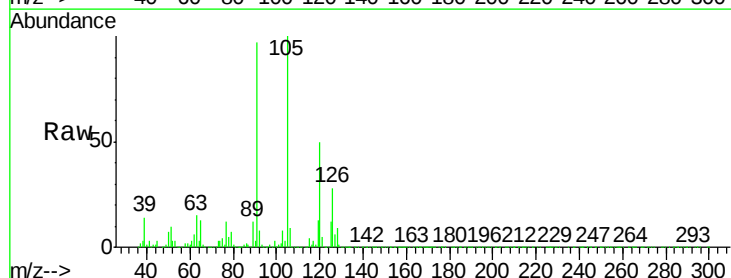
Acq: 17 Apr 2020 21:18

Tgt Ion: 105 Resp: 2153197

Ion Ratio Lower Upper

105 100

120 49.2 24.8 74.4





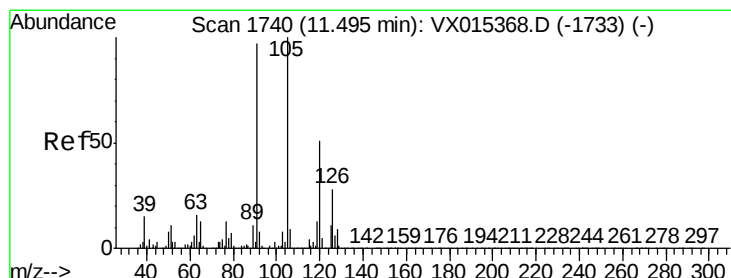
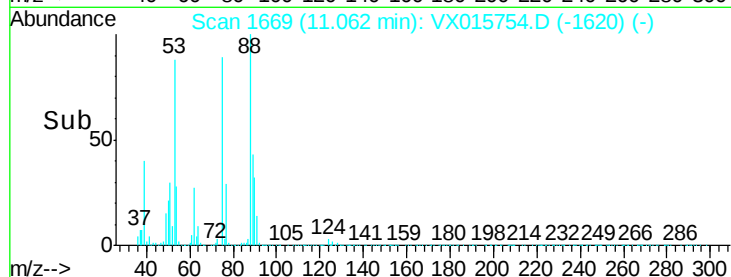
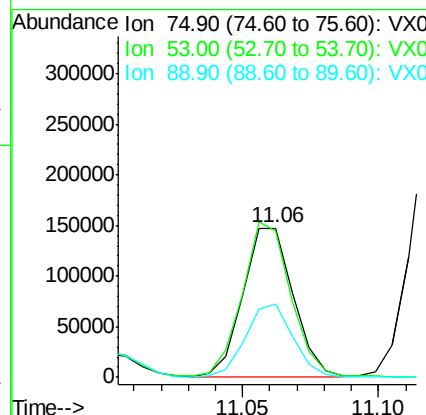
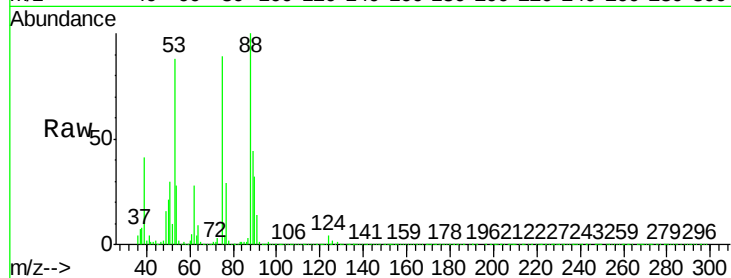
#81
trans-1,4-Dichloro-2-butene
Concen: 29.109 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	80.1	120.1
89	47.1	36.1	54.1

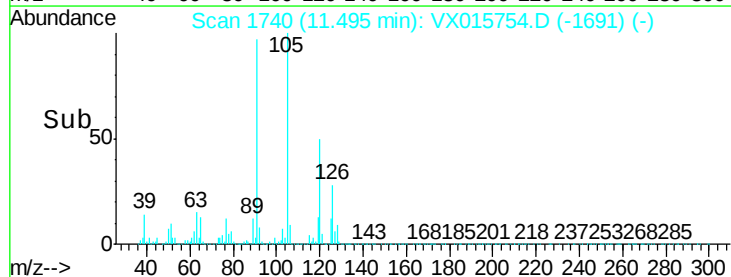
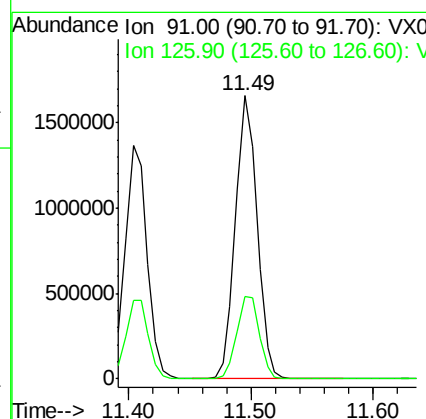
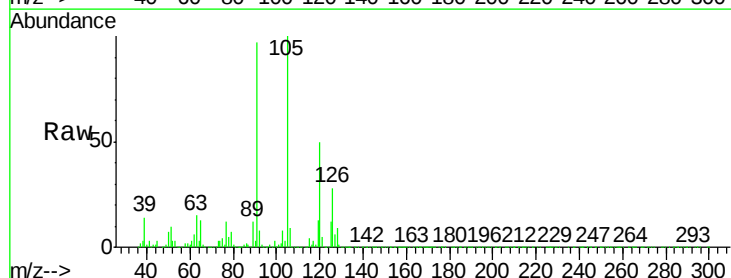
Manual Integrations
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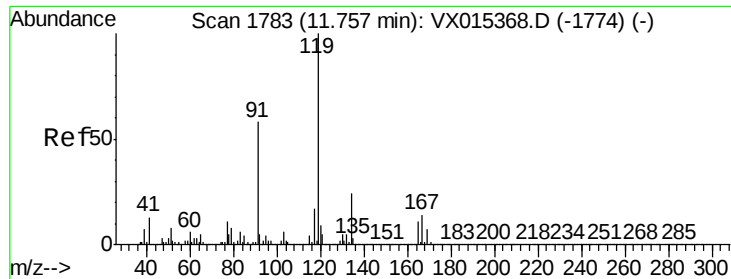
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.869 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	14.7	44.1





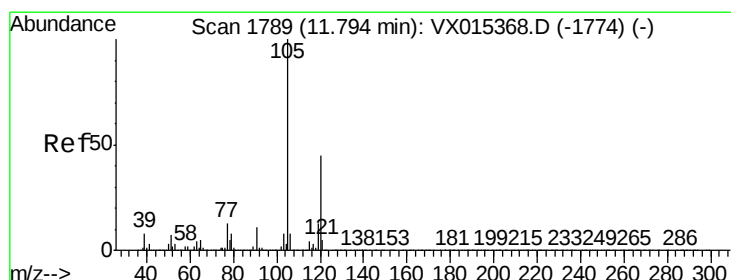
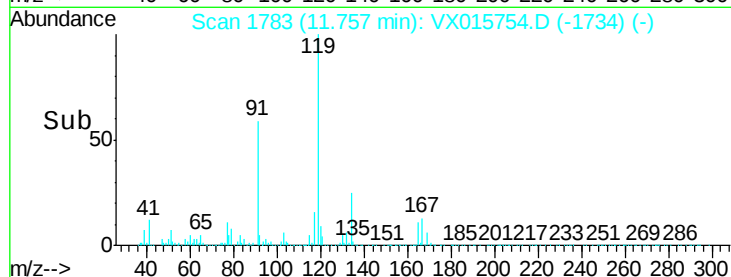
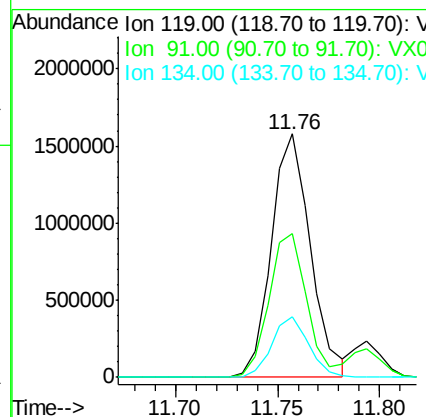
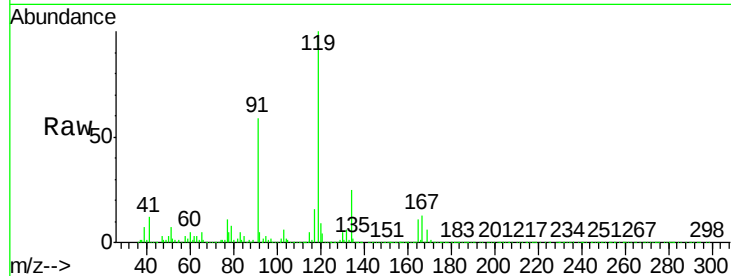
#83
tert-Butylbenzene
Concen: 50.924 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.7	28.6	85.8
134	23.5	11.8	35.3

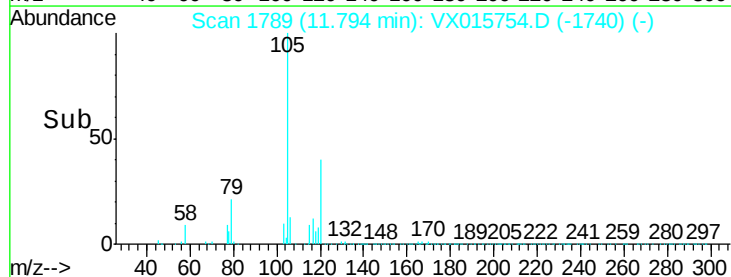
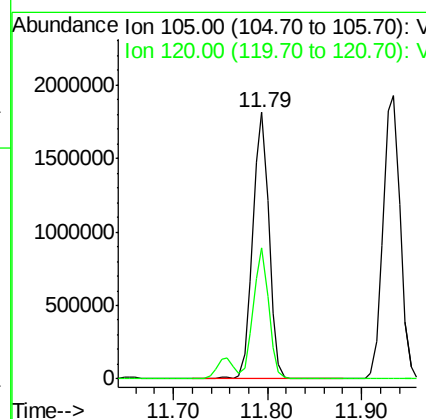
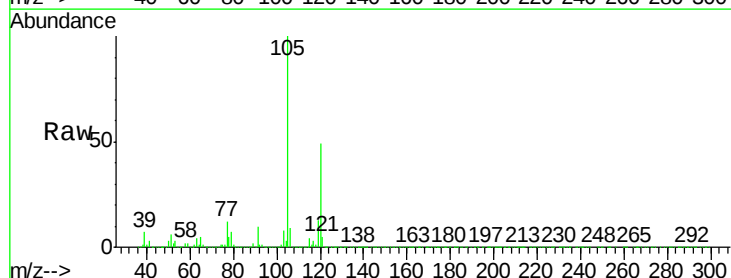
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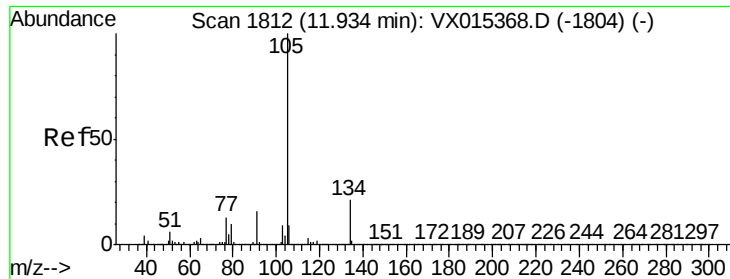
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#84
1,2,4-Trimethylbenzene
Concen: 50.573 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	22.7	68.1





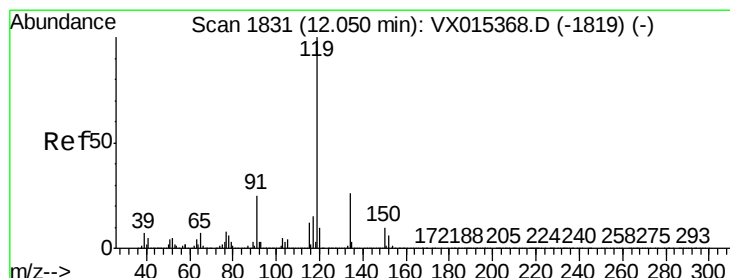
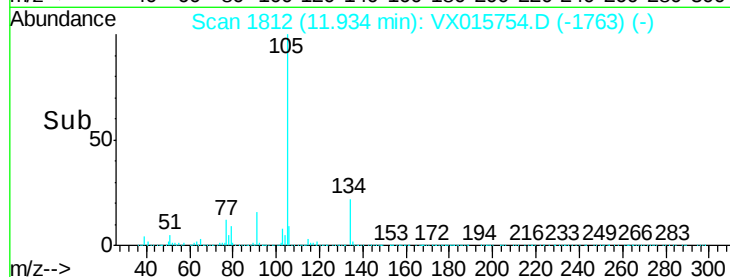
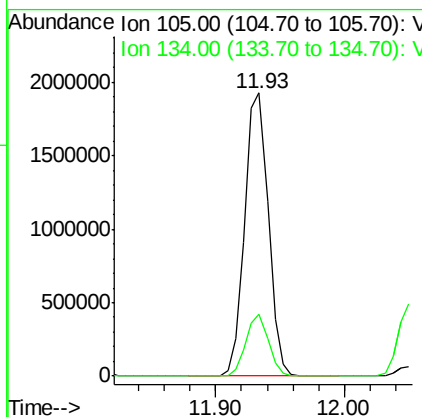
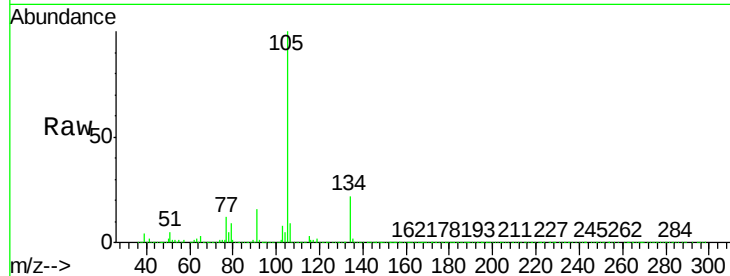
#85
 sec-Butylbenzene
 Concen: 50.790 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 2425953
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.4 31.1

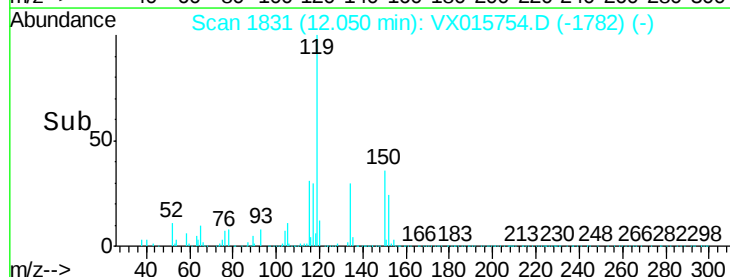
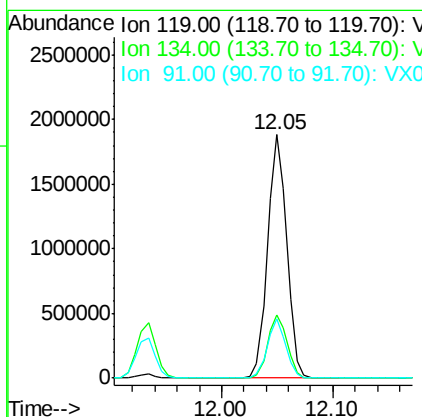
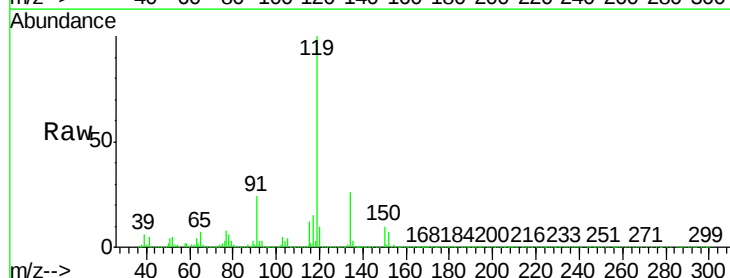
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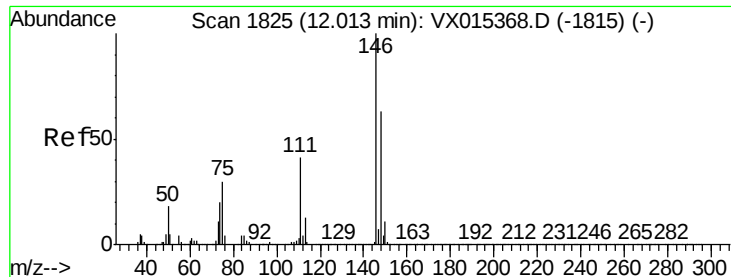
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#86
 p-Isopropyltoluene
 Concen: 51.207 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion:119 Resp: 2270614
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.3 12.4 37.4





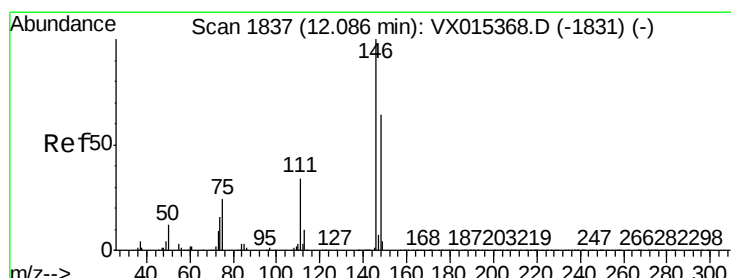
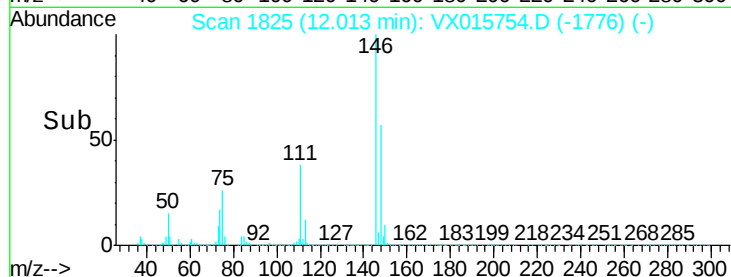
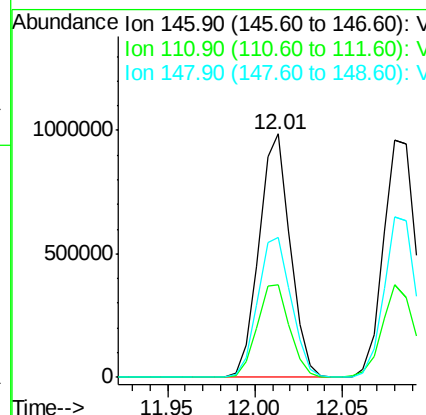
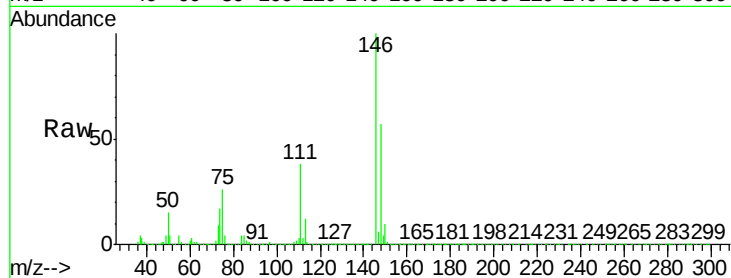
#87
 1,3-Dichlorobenzene
 Concen: 51.727 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	61.6	31.3	93.9

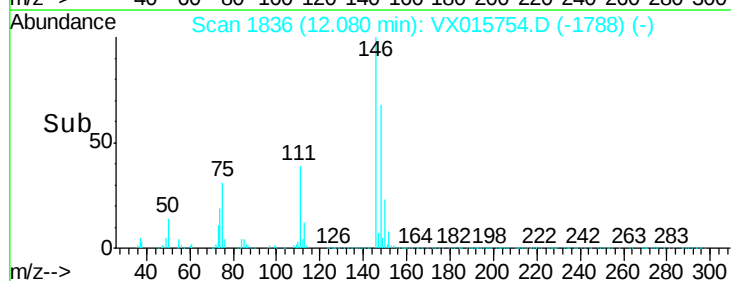
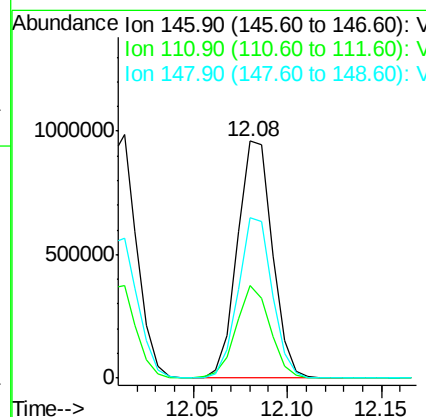
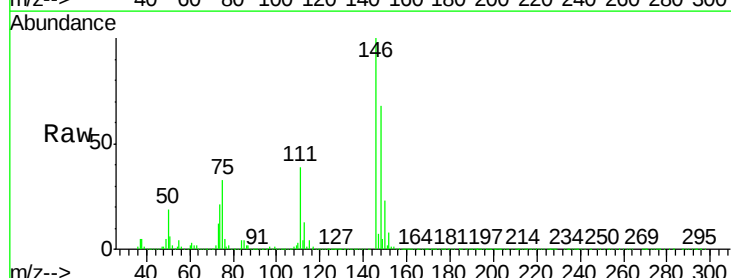
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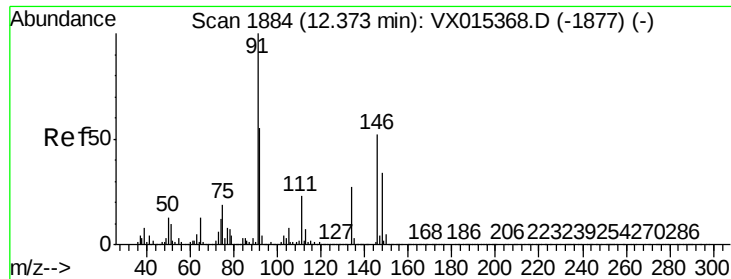
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 4/20/2020 10:03:16 AM



#88
 1,4-Dichlorobenzene
 Concen: 51.292 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	19.1	57.5
148	66.1	32.4	97.2





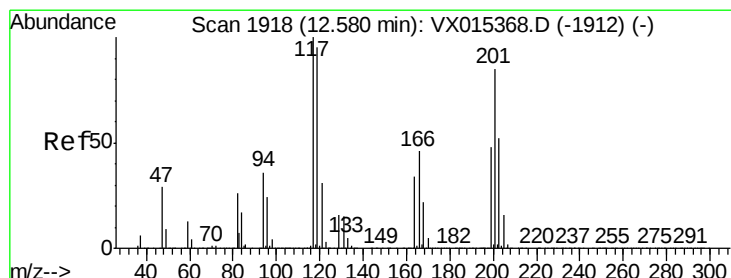
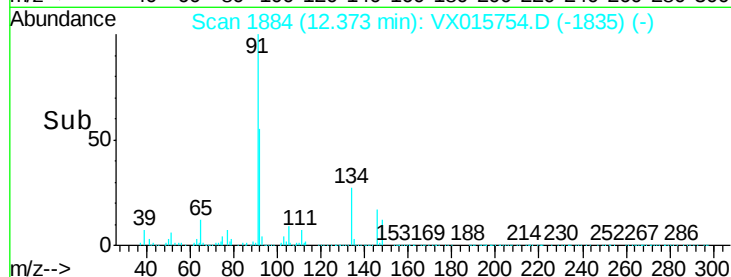
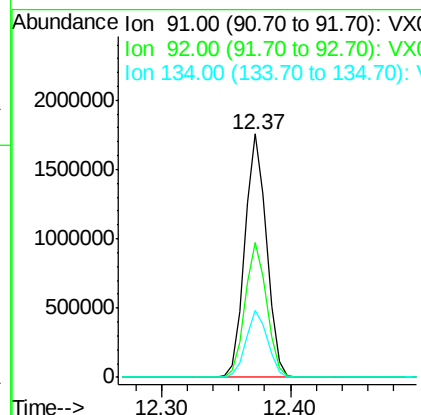
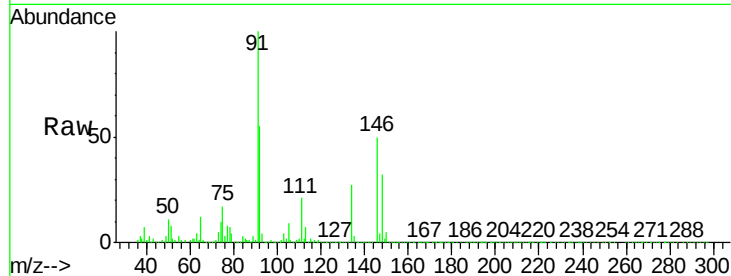
#89
n-Butylbenzene
Concen: 50.644 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2029333
Ion Ratio Lower Upper
91 100
92 55.2 27.2 81.5
134 27.4 13.4 40.2

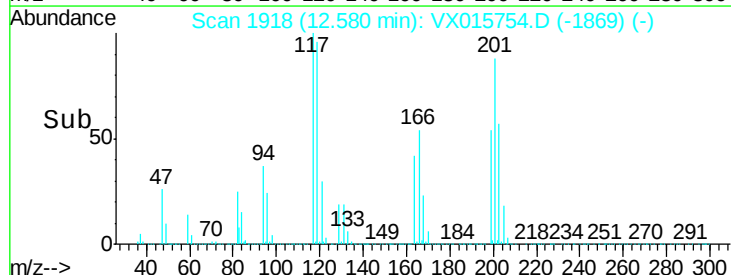
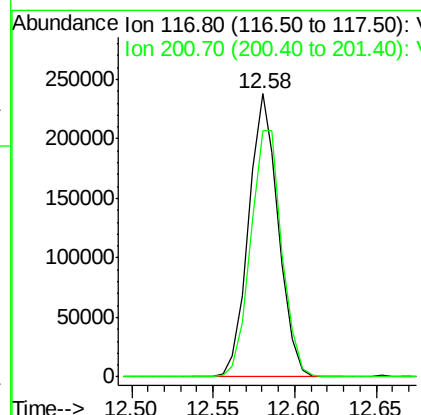
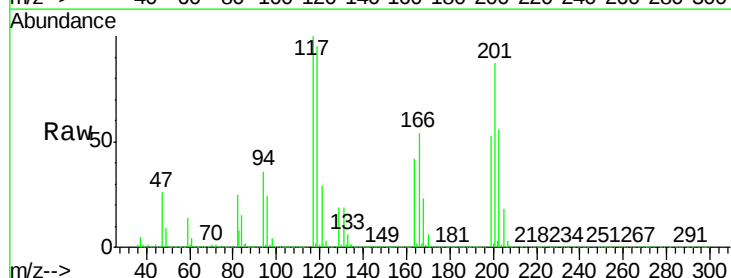
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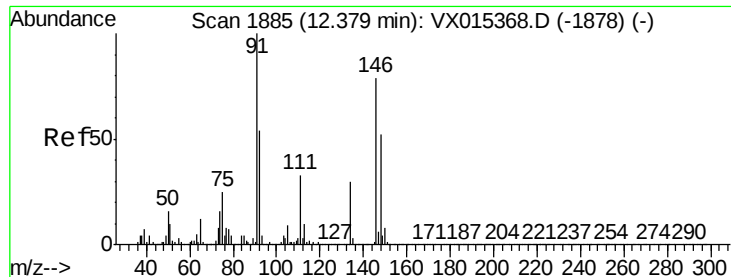
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#90
Hexachloroethane
Concen: 34.824 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion: 117 Resp: 300553
Ion Ratio Lower Upper
117 100
201 91.8 42.6 128.0





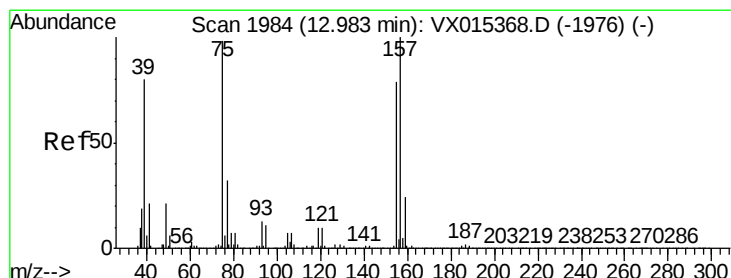
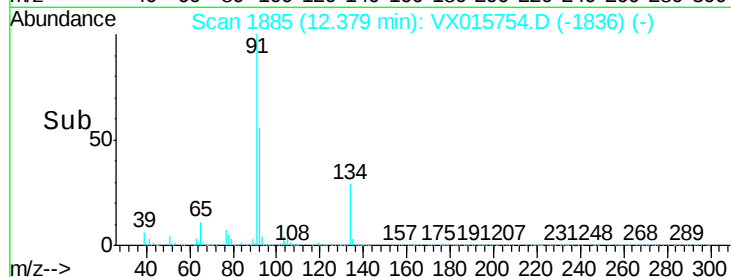
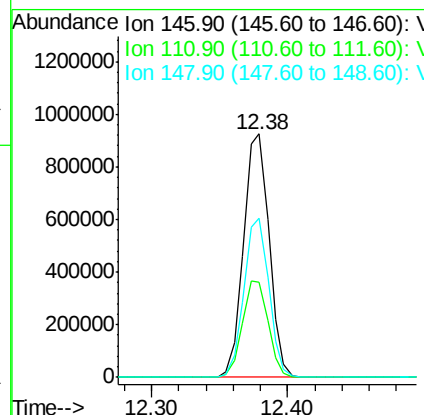
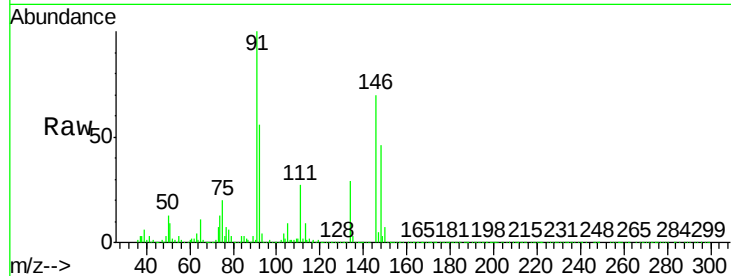
#91
 1,2-Dichlorobenzene
 Concen: 52.339 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	21.0	63.0
148	64.1	32.4	97.0

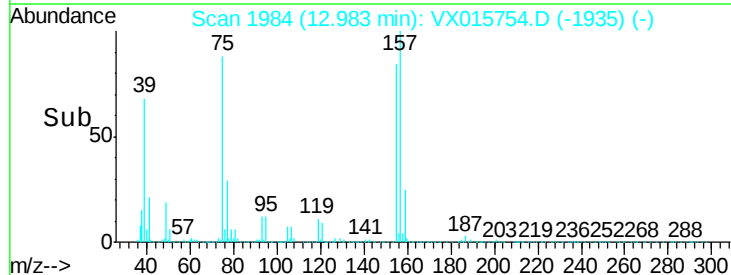
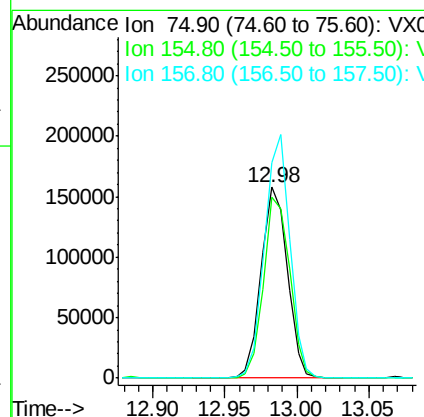
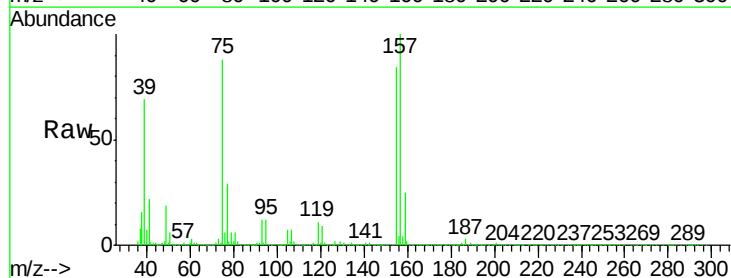
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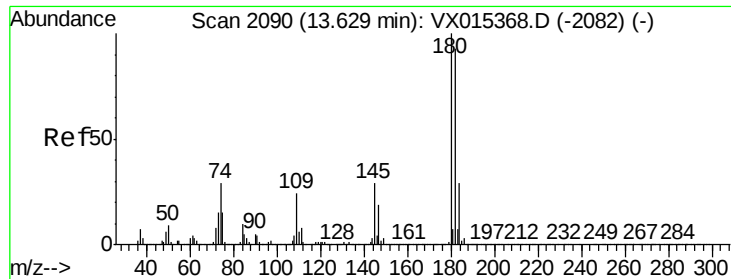
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.197 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.5	42.8	128.4
157	123.1	53.4	160.3





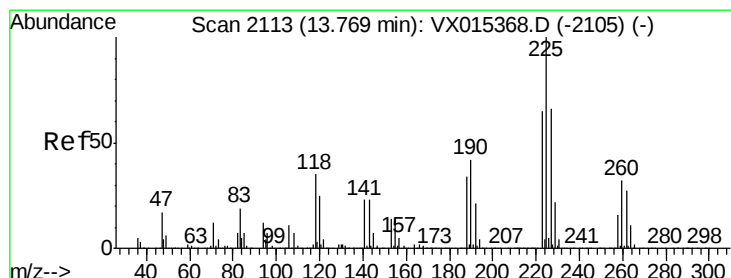
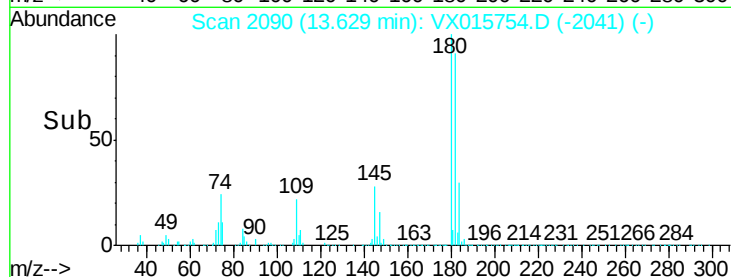
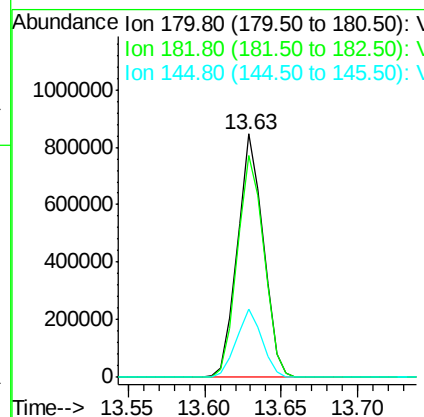
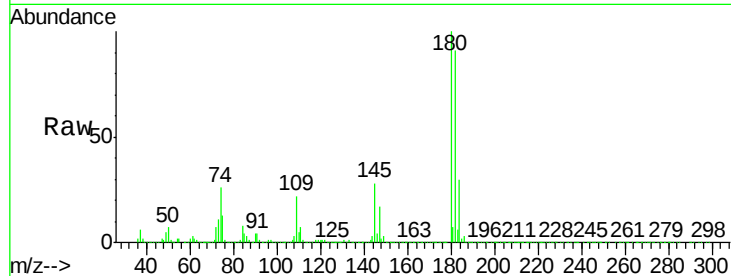
#93
 1,2,4-Trichlorobenzene
 Concen: 54.099 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	990011		
182	93.8	46.9	140.7	
145	27.8	14.9	44.5	

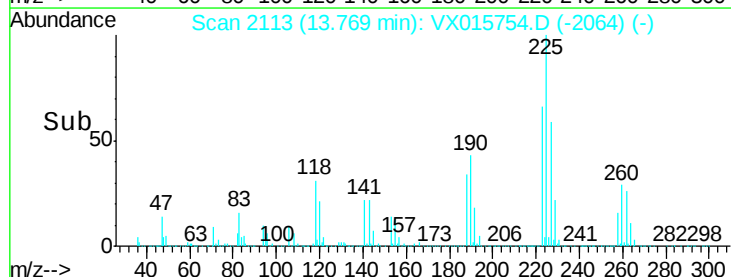
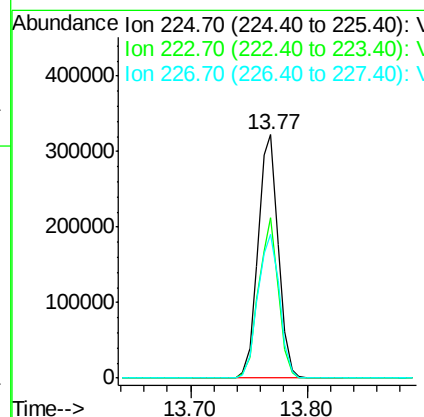
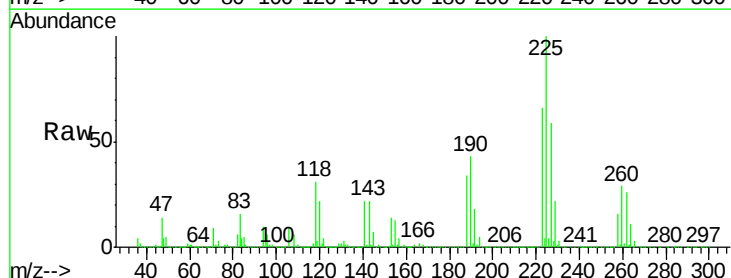
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 44.775 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015754.D
 Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	390110		
223	63.8	31.9	95.7	
227	63.4	30.4	91.3	





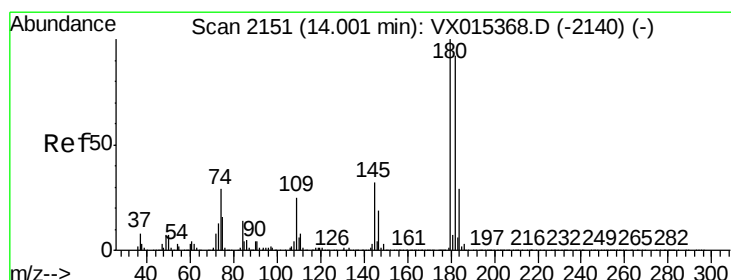
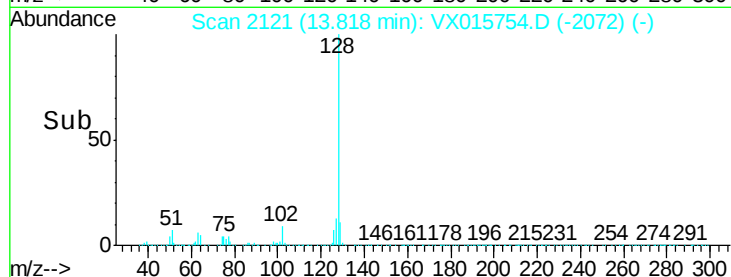
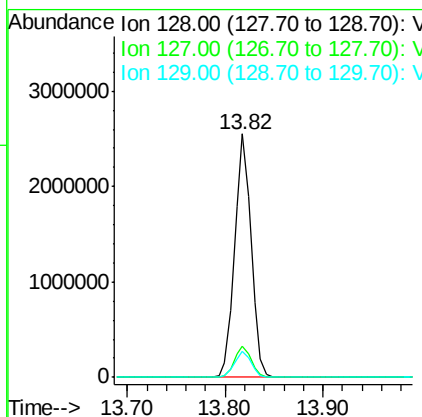
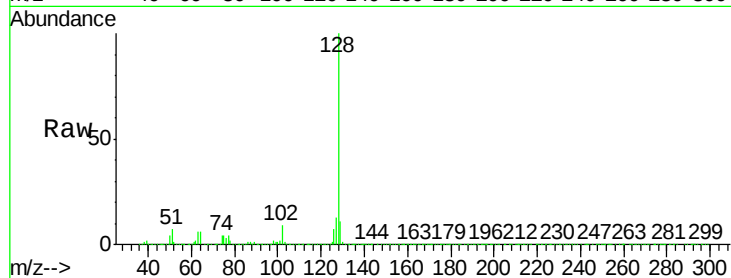
#95
Naphthalene
Concen: 53.429 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

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

Manual Integrations
APPROVED

MMDadoda
4/20/2020 10:03:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.618 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015754.D
Acq: 17 Apr 2020 21:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.7	140.0
145	31.4	15.8	47.3

