

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041320\
 Data File : VX015642.D
 Acq On : 13 Apr 2020 14:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:11:30 AM

Quant Time: Apr 13 17:43:05 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	5.62	168	1292531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1853747	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	1708835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	922630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	755678	41.45	ug/l	0.00
Spiked Amount						
			Recovery	=	82.90%	
35) Dibromofluoromethane	5.46	113	590998	49.87	ug/l	-0.01
Spiked Amount						
			Recovery	=	99.74%	
50) Toluene-d8	8.70	98	2162481	49.57	ug/l	0.00
Spiked Amount						
			Recovery	=	99.14%	
62) 4-Bromofluorobenzene	11.12	95	868992	49.01	ug/l	0.00
Spiked Amount						
			Recovery	=	98.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	553774	48.630	ug/l	99
3) Chloromethane	1.31	50	635188	43.801	ug/l	99
4) Vinyl Chloride	1.39	62	672604	50.511	ug/l	97
5) Bromomethane	1.63	94	306999	50.018	ug/l	98
6) Chloroethane	1.71	64	411682	49.849	ug/l	99
7) Trichlorofluoromethane	1.91	101	938007	52.527	ug/l	99
8) Diethyl Ether	2.17	74	382815	50.824	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	632820	54.359	ug/l	97
10) Methyl Iodide	2.49	142	773571	49.286	ug/l	98
11) Tert butyl alcohol	3.01	59	811436	185.965	ug/l	100
12) 1,1-Dichloroethene	2.36	96	616227	50.499	ug/l	98
13) Acrolein	2.27	56	237154	95.412	ug/l	100
14) Allyl chloride	2.70	41	1317940	46.222	ug/l	98
15) Acrylonitrile	3.11	53	1877732	225.654	ug/l	99
16) Acetone	2.42	43	1710957	218.460	ug/l	99
17) Carbon Disulfide	2.55	76	1644951	44.189	ug/l	100
18) Methyl Acetate	2.75	43	931118	46.581	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	2261157	47.777	ug/l	99
20) Methylene Chloride	2.83	84	670660	45.845	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	659173	48.673	ug/l	98
22) Diisopropyl ether	3.82	45	2457832	48.646	ug/l	99
23) Vinyl Acetate	3.78	43	10662360	233.080	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1262106	47.444	ug/l	99
25) 2-Butanone	4.63	43	2736597	217.270	ug/l	99
26) 2,2-Dichloropropane	4.55	77	1164465	53.329	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	770251	49.160	ug/l	99
28) Bromochloromethane	4.98	49	555300	43.721	ug/l	96
29) Tetrahydrofuran	5.09	42	1743004	215.259	ug/l	98
30) Chloroform	5.17	83	1250244	48.850	ug/l	94
31) Cyclohexane	5.54	56	1162421	50.371	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	1154556	49.847	ug/l	100
36) 1,1-Dichloropropene	5.77	75	956958	56.027	ug/l	99
37) Ethyl Acetate	4.79	43	1085007	48.787	ug/l	100
38) Carbon Tetrachloride	5.75	117	1023603	55.331	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1180967	59.967	ug/l	98
40) Benzene	6.11	78	2720448	54.373	ug/l	99
41) Methacrylonitrile	5.00	41	641586	51.969	ug/l	99
42) 1,2-Dichloroethane	6.16	62	1052485	52.370	ug/l	99
43) Isopropyl Acetate	6.41	43	1898906	50.580	ug/l	99
44) Trichloroethene	7.18	130	773954	56.720	ug/l	94
45) 1,2-Dichloropropane	7.49	63	735249	53.719	ug/l	98
46) Dibromomethane	7.64	93	480980	53.571	ug/l	95
47) Bromodichloromethane	7.87	83	1037623	54.238	ug/l	99
48) Methyl methacrylate	7.75	41	946983	50.500	ug/l	97
49) 1,4-Dioxane	7.72	88	330100	943.621	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	5339313	250.951	ug/l	99
52) Toluene	8.76	92	1755079	56.897	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	1208079	53.843	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1253985	54.865	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	701085	55.475	ug/l	98
56) Ethyl methacrylate	9.16	69	1168416	52.460	ug/l	97
57) 1,3-Dichloropropane	9.36	76	1221611	53.651	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2176305	200.886	ug/l	99
59) 2-Hexanone	9.47	43	4066388	253.150	ug/l	98
60) Dibromochloromethane	9.56	129	855075	56.306	ug/l	100
61) 1,2-Dibromoethane	9.65	107	738586	53.748	ug/l	98
64) Tetrachloroethene	9.32	164	728581	56.496	ug/l	95
65) Chlorobenzene	10.12	112	1907933	55.985	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	767006	56.336	ug/l	99
67) Ethyl Benzene	10.23	91	3420042	56.583	ug/l	99
68) m/p-Xylenes	10.34	106	2565185	113.973	ug/l	96
69) o-Xylene	10.68	106	1255854	56.467	ug/l	97
70) Styrene	10.70	104	2190662	55.975	ug/l	98
71) Bromoform	10.84	173	682223	55.044	ug/l #	100
73) Isopropylbenzene	11.00	105	3406047	56.342	ug/l	99
74) N-amyl acetate	10.88	43	1635580	48.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	1046693	50.459	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	970491m	51.151	ug/l	
77) Bromobenzene	11.24	156	909487	56.402	ug/l	94
78) n-propylbenzene	11.34	91	3882966	56.173	ug/l	99
79) 2-Chlorotoluene	11.40	91	2286614	53.969	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2894597	56.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	397649	50.289	ug/l	98
82) 4-Chlorotoluene	11.50	91	2722694	54.816	ug/l	98
83) tert-Butylbenzene	11.76	119	2878690	57.083	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2957891	56.221	ug/l	100
85) sec-Butylbenzene	11.93	105	3351012	57.455	ug/l	99
86) p-Isopropyltoluene	12.05	119	3212164	59.325	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	1663175	57.615	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1634907	55.602	ug/l	99
89) n-Butylbenzene	12.37	91	2908454	59.442	ug/l	99
90) Hexachloroethane	12.58	117	566247	53.731	ug/l	91
91) 1,2-Dichlorobenzene	12.37	146	1580130	55.933	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	252694	43.161	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1309789	58.615	ug/l	99
94) Hexachlorobutadiene	13.77	225	633800	59.573	ug/l	96
95) Naphthalene	13.82	128	3727239	54.682	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1277622	59.385	ug/l	98

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

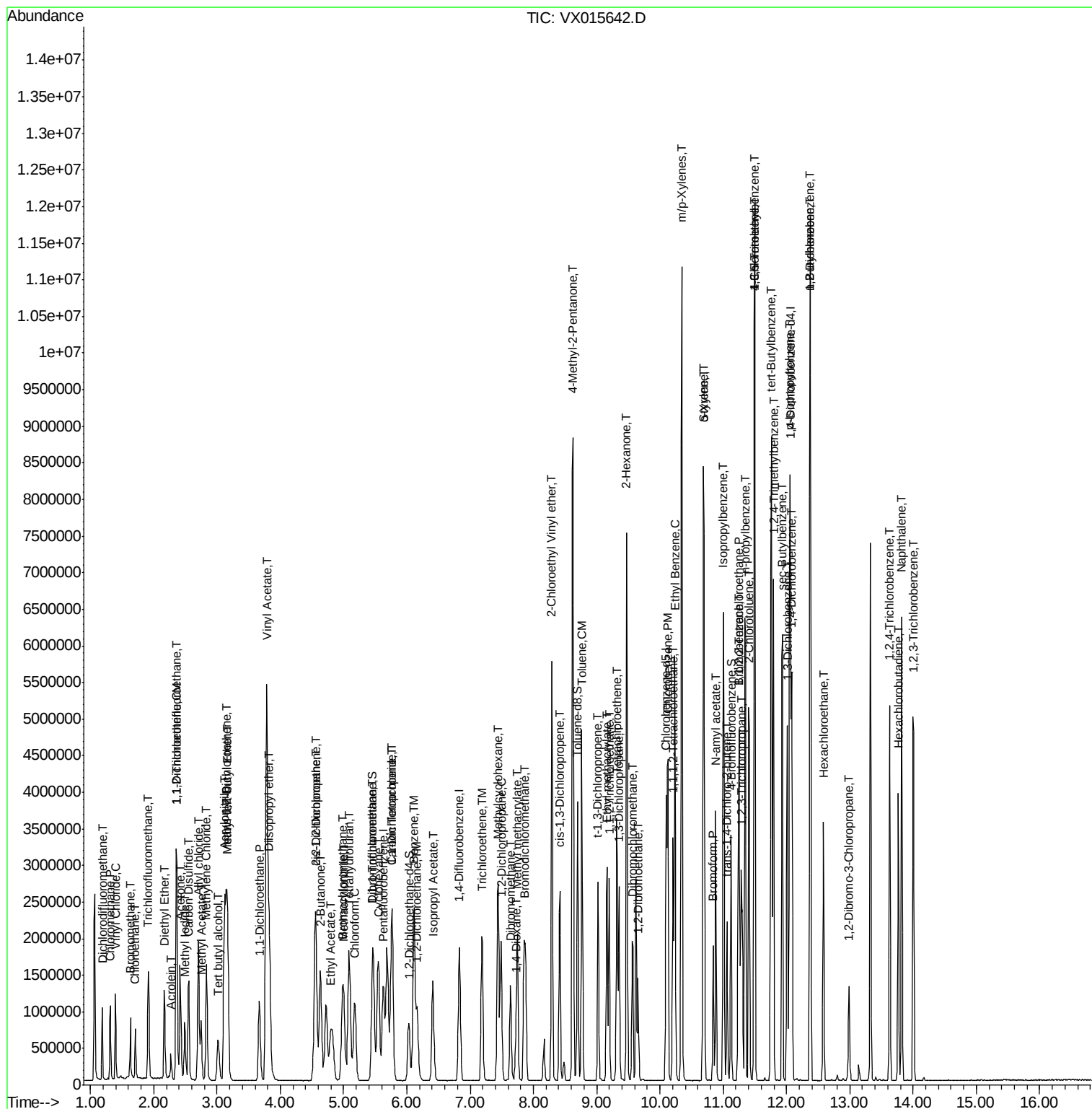
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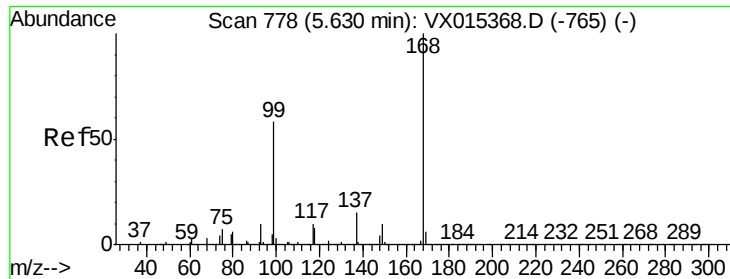
Instrument :
MSVOA_X
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#1

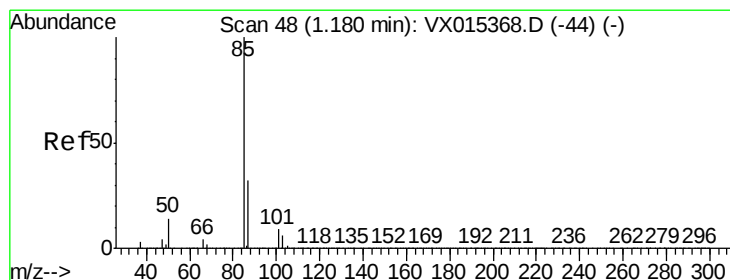
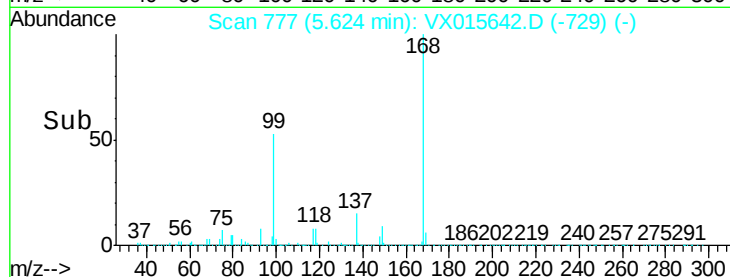
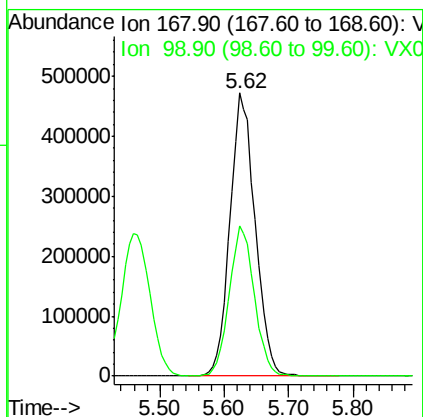
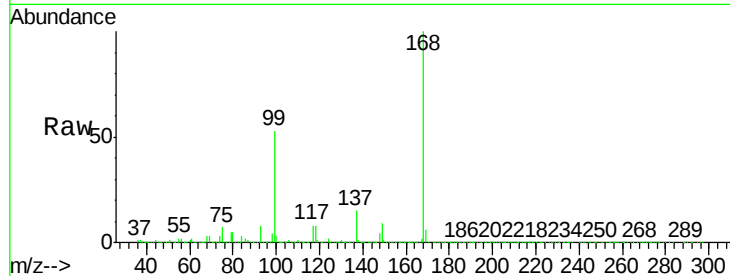
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.1	46.4	69.6

Manual Integrations
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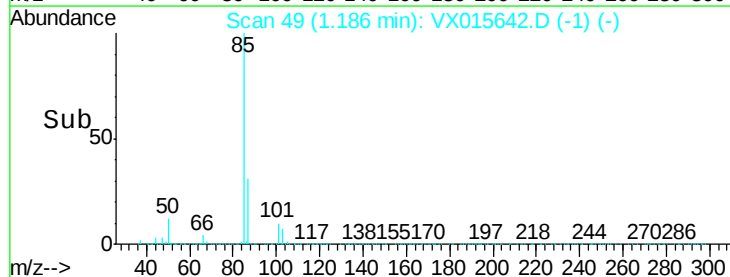
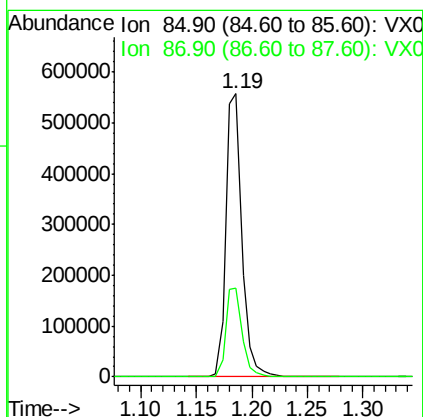
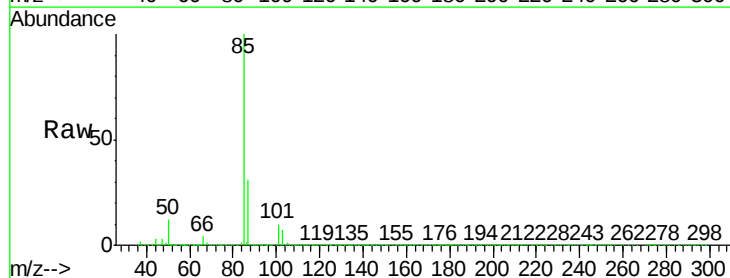
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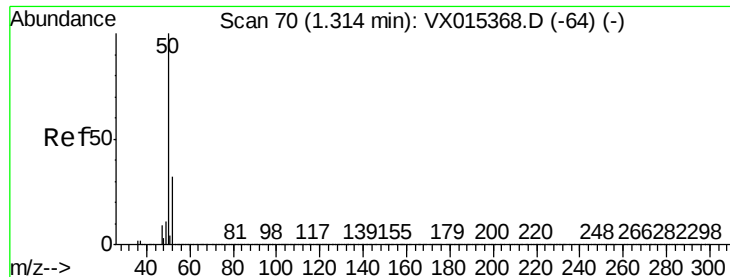


#2

Dichlorodifluoromethane
 Concen: 48.630 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	16.0	47.9





#3

Chloromethane

Concen: 43.801 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tot Ion: 50 Resp: 635188

Ion Ratio Lower Upper

50 100

52 32.1 25.3 37.9

Instrument :

MSVOA_X

ClientSampleId :

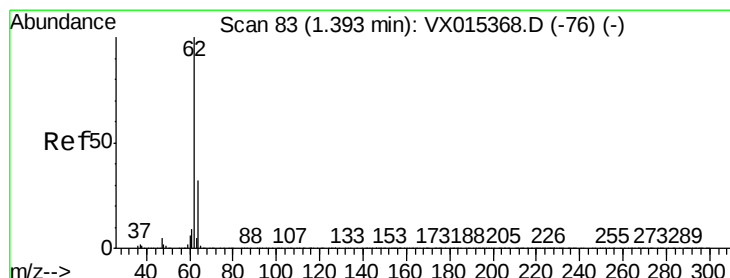
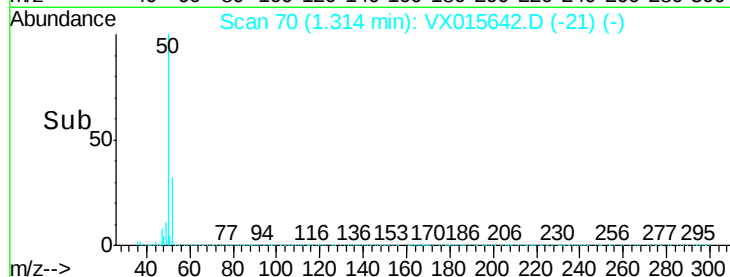
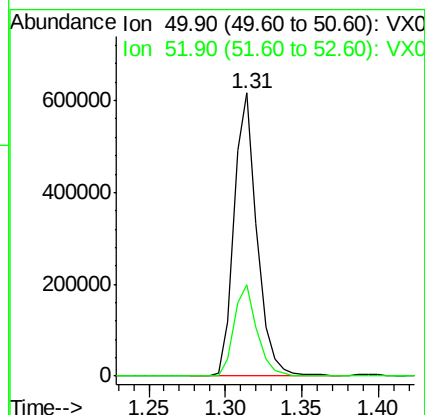
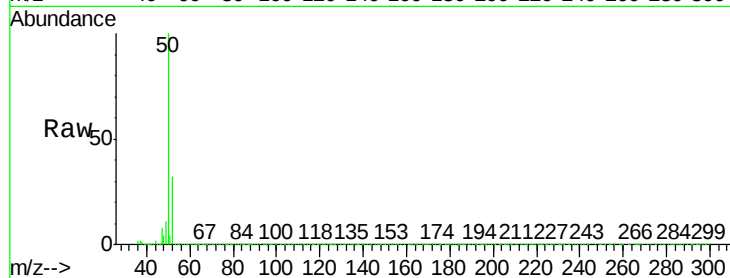
VSTDCCC050

Manual Integrations

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#4

Vinyl Chloride

Concen: 50.511 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015642.D

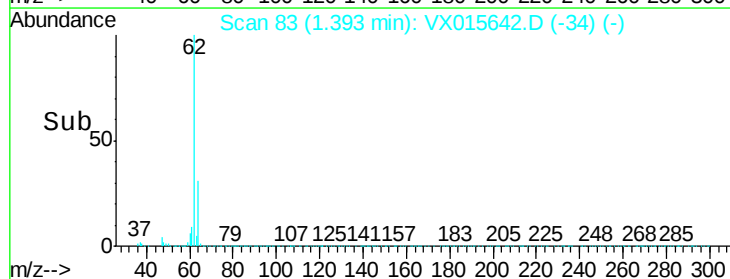
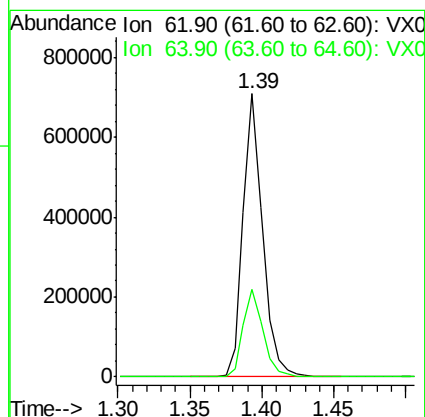
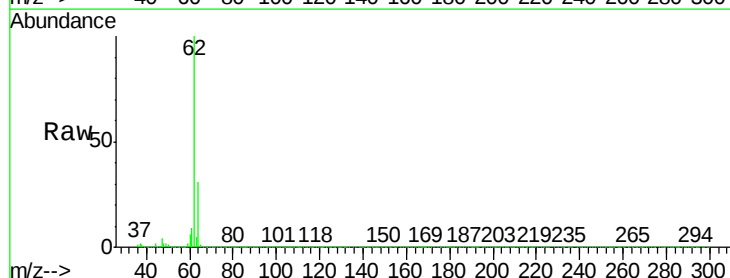
Acq: 13 Apr 2020 14:37

Tgt Ion: 62 Resp: 672604

Ion Ratio Lower Upper

62 100

64 30.7 26.0 39.0





#5

Bromomethane

Concen: 50.018 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 306999

Ion Ratio Lower Upper

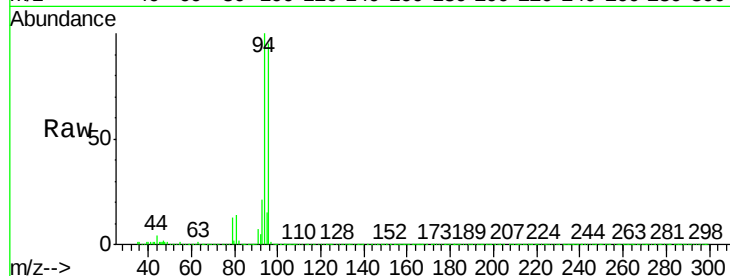
94 100

96 95.1 74.8 112.2

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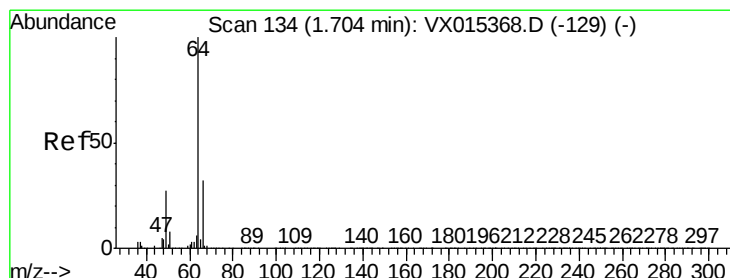
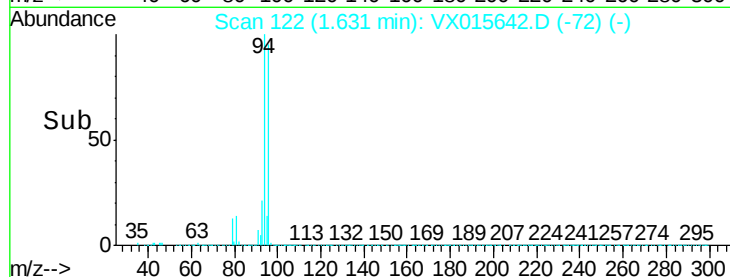
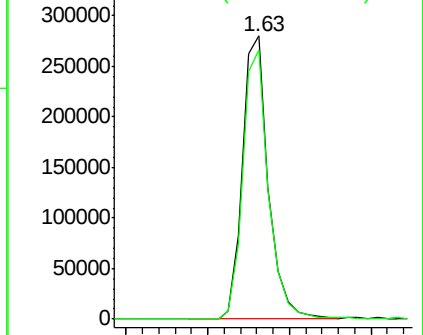
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.849 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015642.D

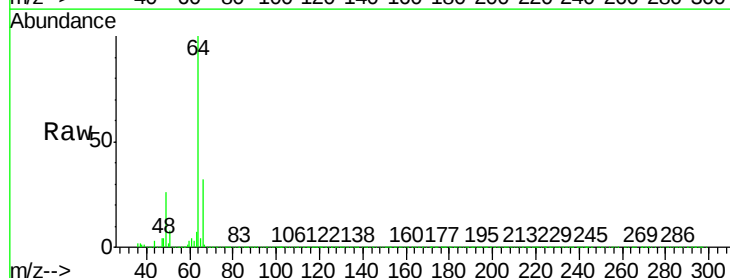
Acq: 13 Apr 2020 14:37

Tgt Ion: 64 Resp: 411682

Ion Ratio Lower Upper

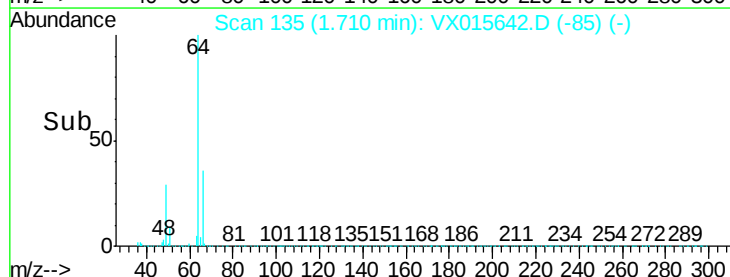
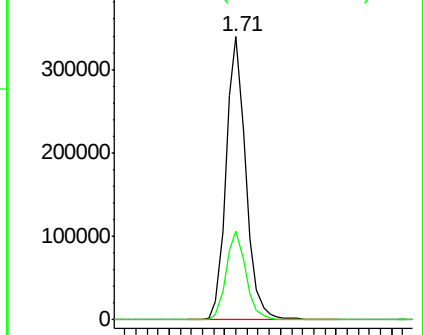
64 100

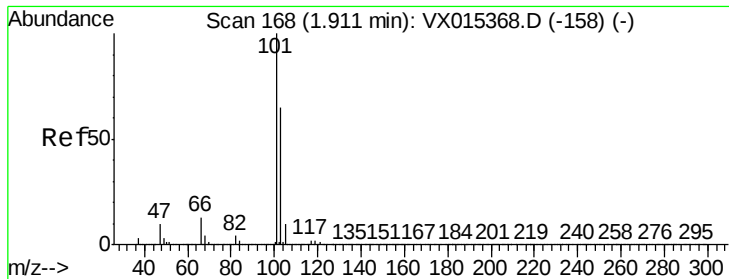
66 31.4 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

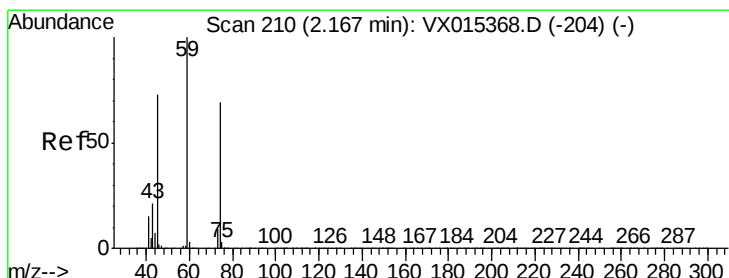
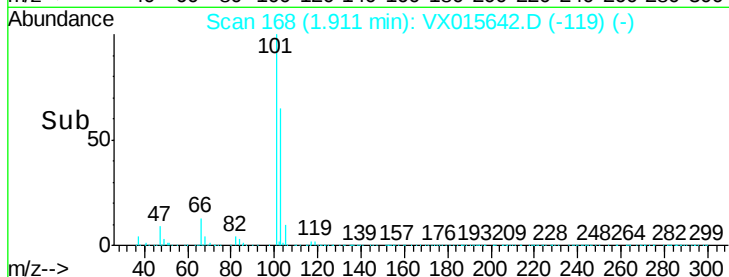
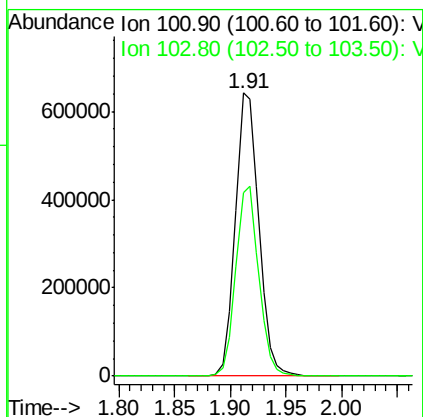
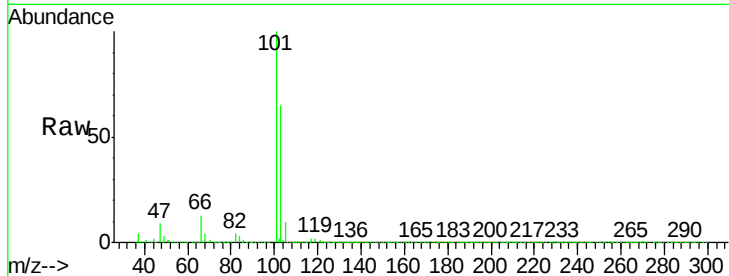
Trichlorofluoromethane
Concen: 52.527 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	52.3	78.5

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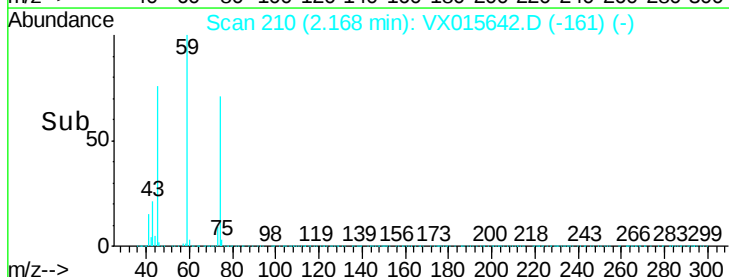
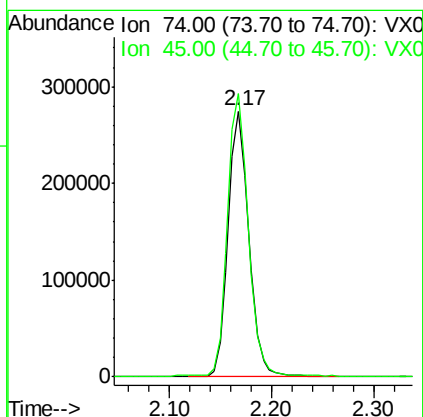
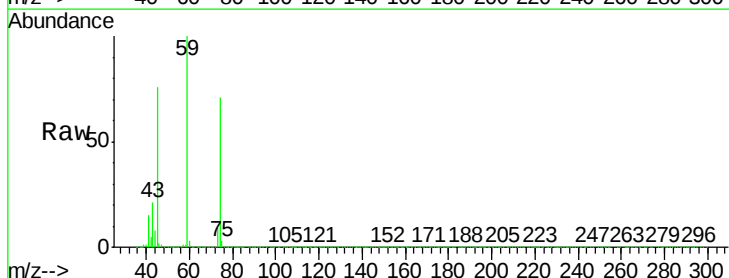
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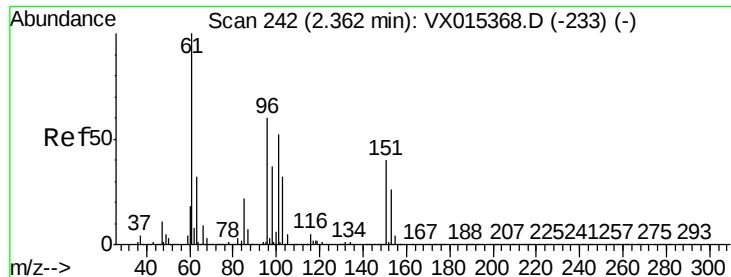


#8

Diethyl Ether
Concen: 50.824 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.359 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

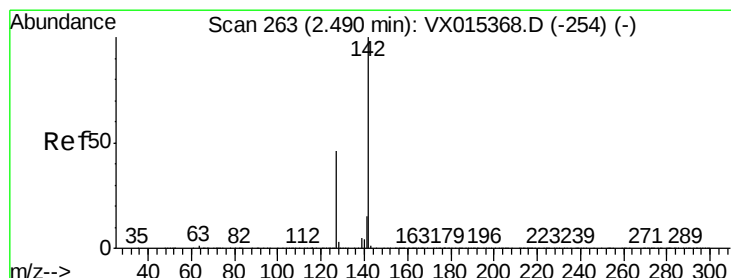
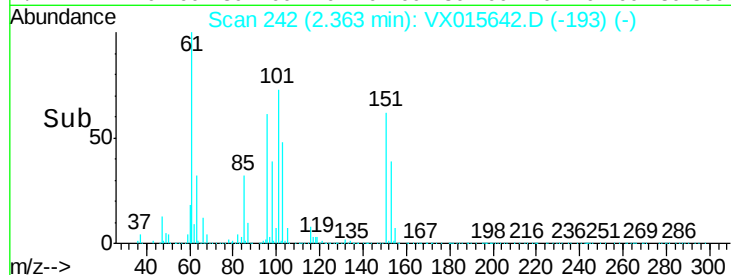
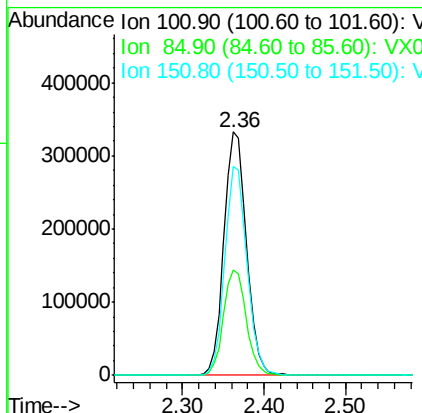
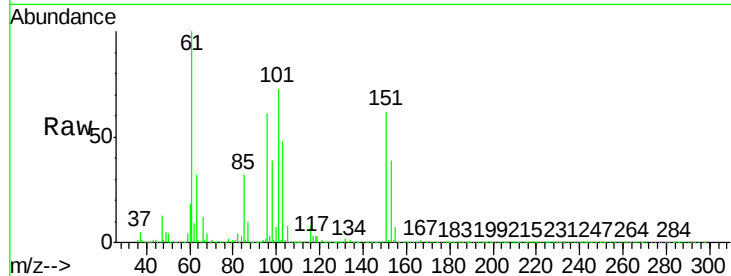
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	632820
Ion Ratio	Lower	Upper	
101	100		
85	43.6	35.0	52.4
151	84.3	64.1	96.1

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#10

Methyl Iodide

Concen: 49.286 ug/l

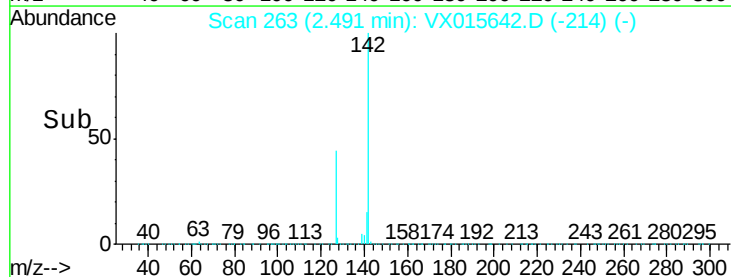
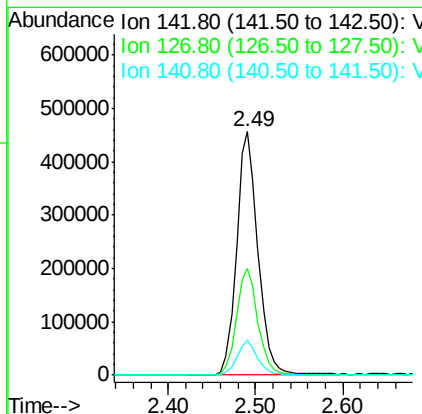
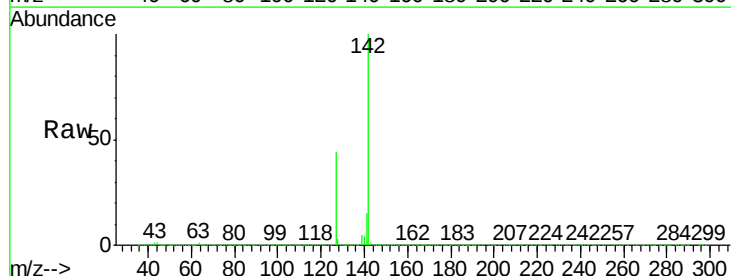
RT: 2.49 min Scan# 263

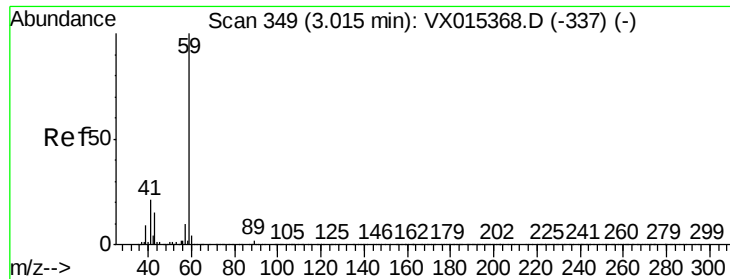
Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion:	142	Resp:	773571
Ion Ratio	Lower	Upper	
142	100		
127	43.7	35.9	53.9
141	13.8	11.6	17.4





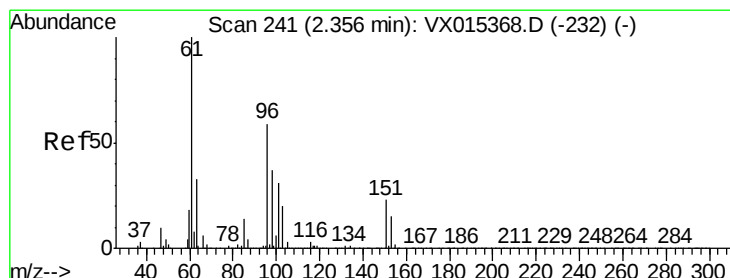
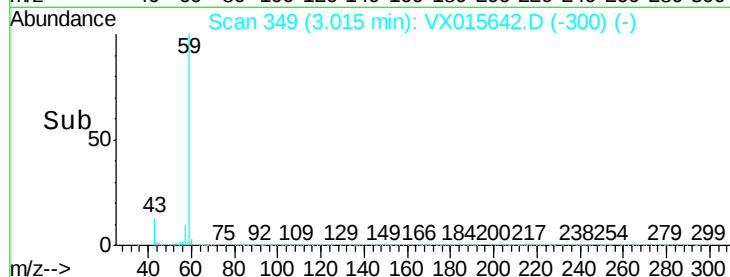
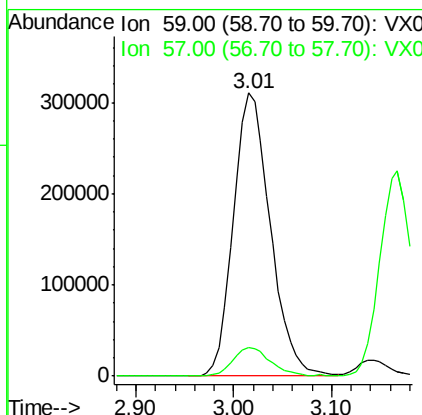
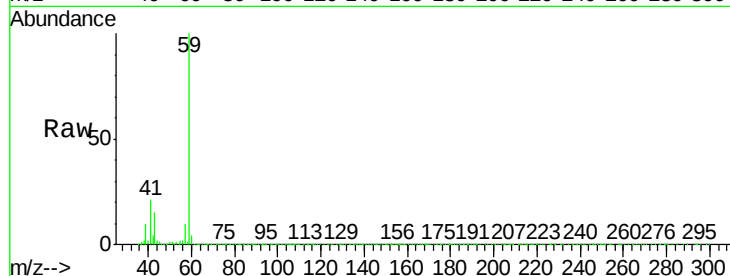
#11
Tert butyl alcohol
Concen: 185.965 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.1	12.1

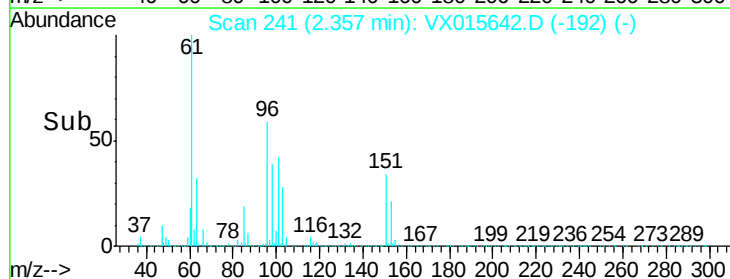
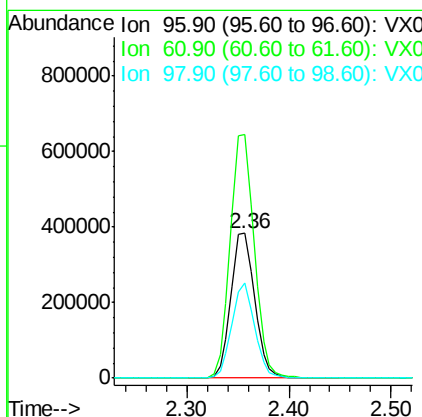
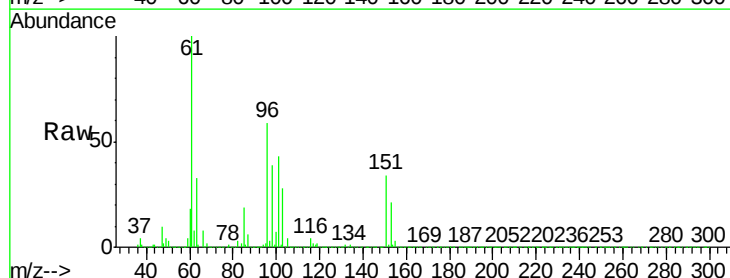
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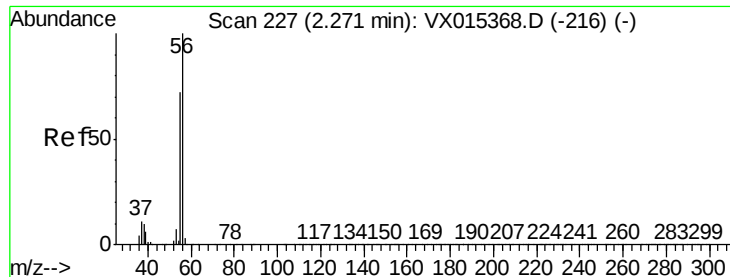
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#12
1,1-Dichloroethene
Concen: 50.499 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.2	135.7	203.5
98	65.5	50.6	75.8





#13

Acrolein

Concen: 95.412 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 237154

Ion Ratio Lower Upper

56 100

55 70.8

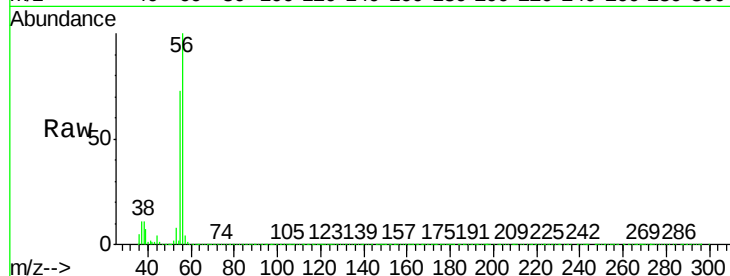
57.0

85.4

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

150000

100000

50000

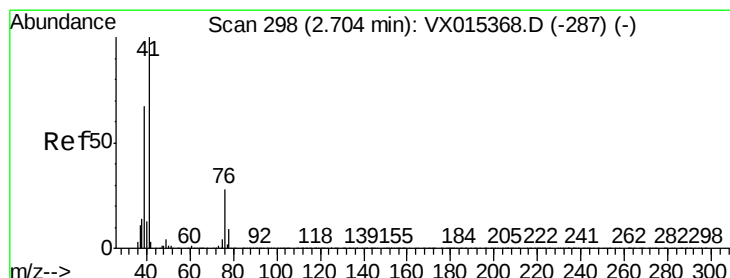
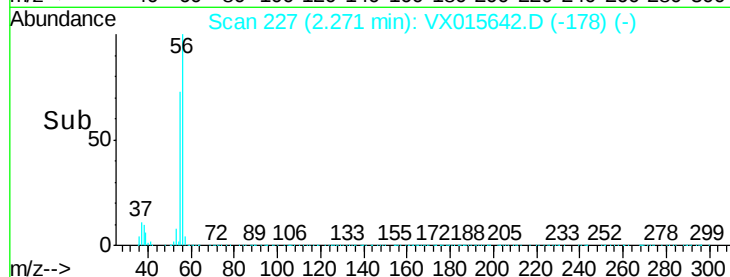
0

Time-->

2.20

2.30

2.40



#14

Allyl chloride

Concen: 46.222 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 41 Resp: 1317940

Ion Ratio Lower Upper

41 100

39 65.8

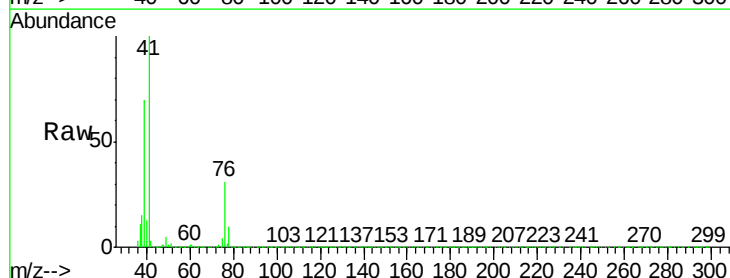
51.4

77.0

76 28.9

21.8

32.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

2.70

800000

600000

400000

200000

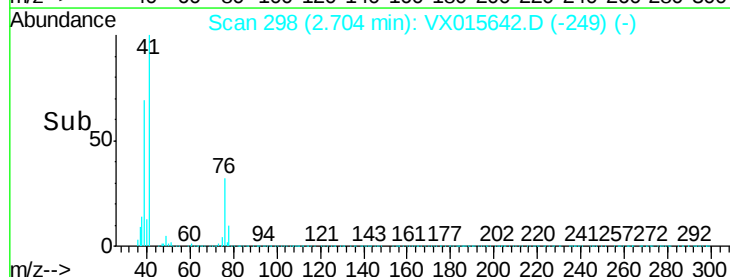
0

Time-->

2.60

2.70

2.80





#15

Acrylonitrile

Concen: 225.654 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 1877732

Ion Ratio Lower Upper

53 100

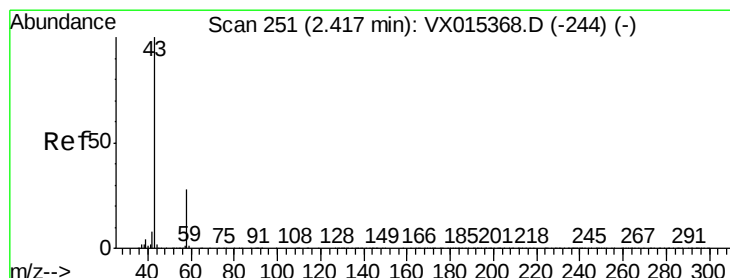
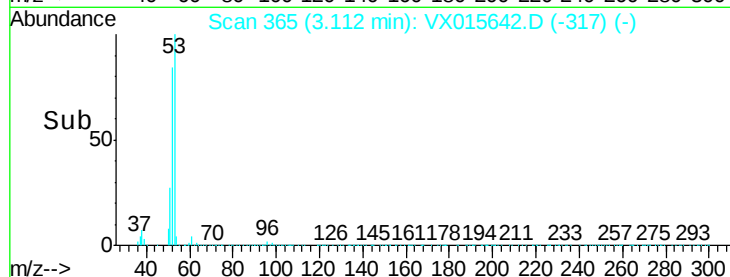
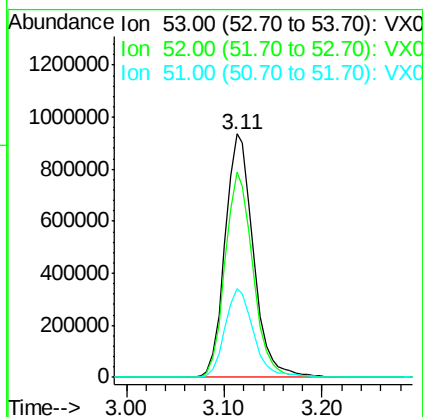
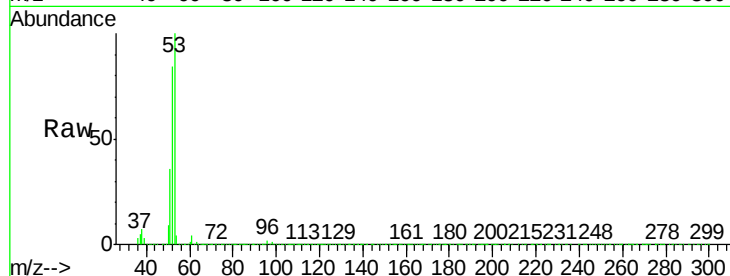
52 82.8 66.8 100.2

51 36.9 29.5 44.3

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#16

Acetone

Concen: 218.460 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015642.D

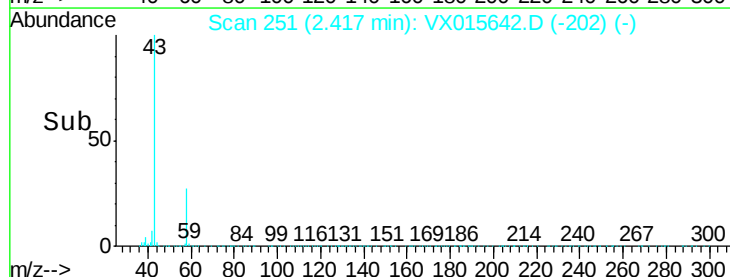
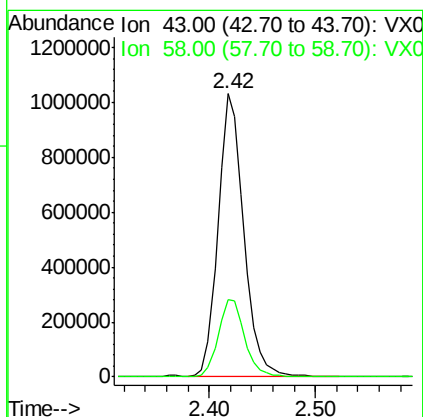
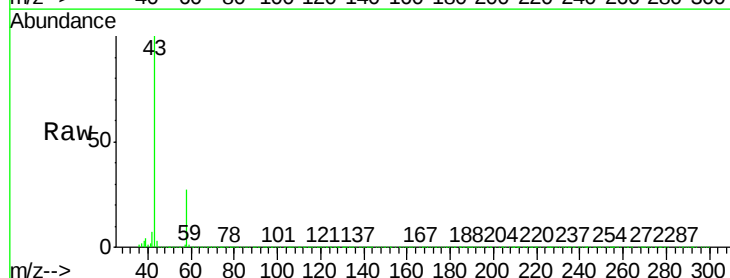
Acq: 13 Apr 2020 14:37

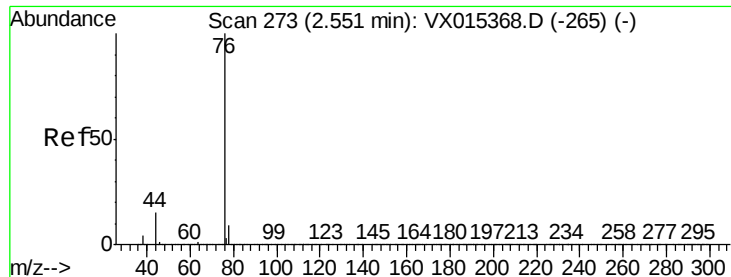
Tgt Ion: 43 Resp: 1710957

Ion Ratio Lower Upper

43 100

58 27.2 22.1 33.1





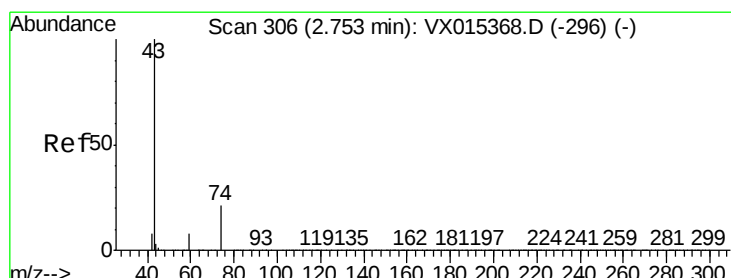
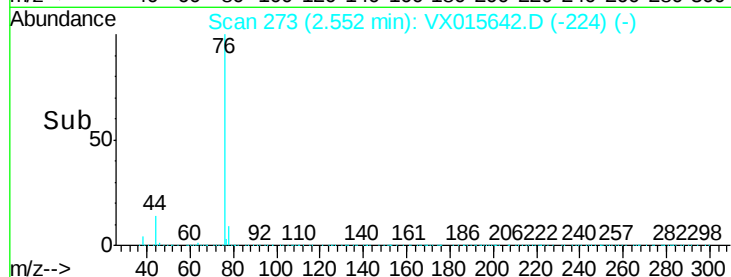
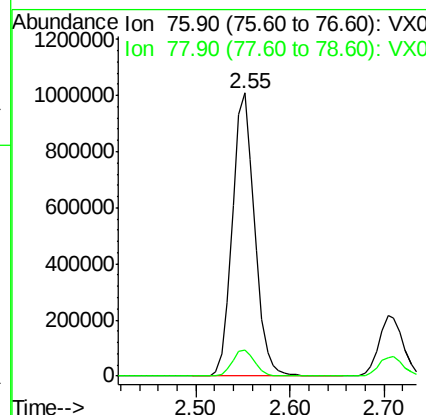
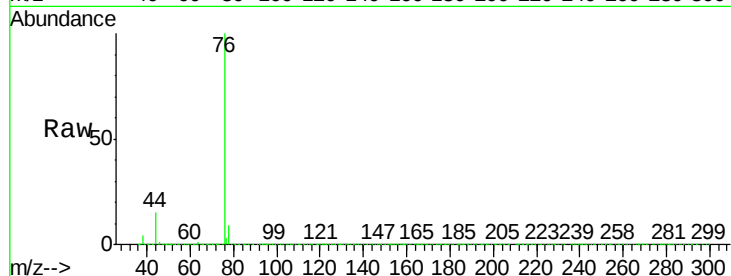
#17
Carbon Disulfide
Concen: 44.189 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 76 Resp: 1644951
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

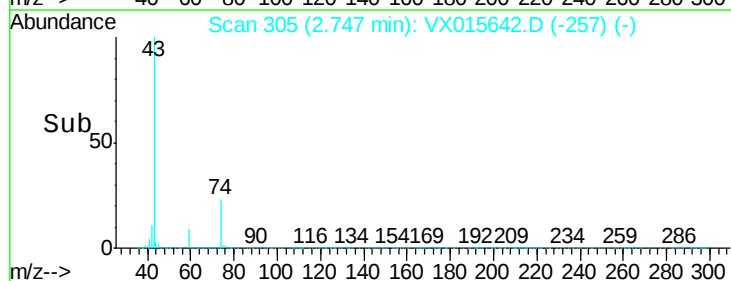
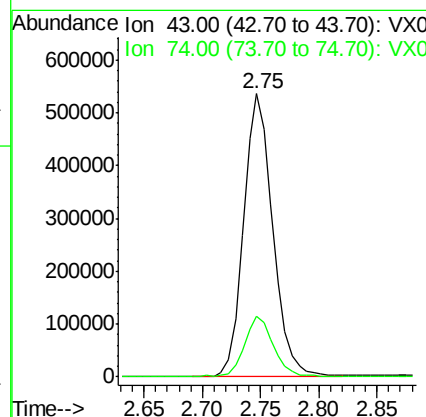
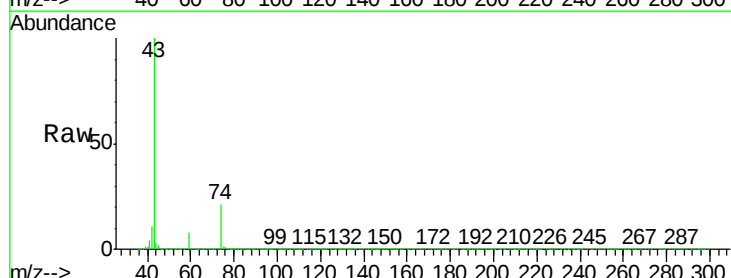
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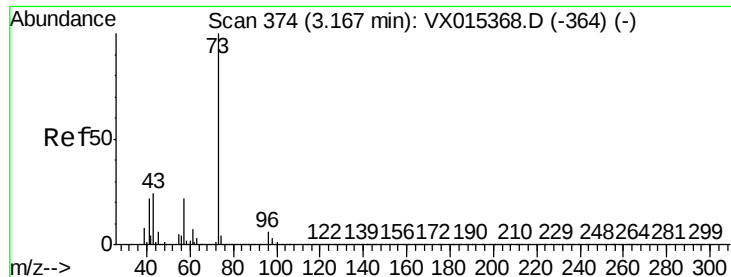
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#18
Methyl Acetate
Concen: 46.581 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 43 Resp: 931118
Ion Ratio Lower Upper
43 100
74 21.6 16.5 24.7





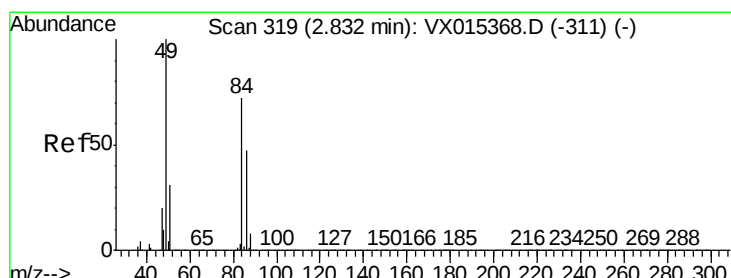
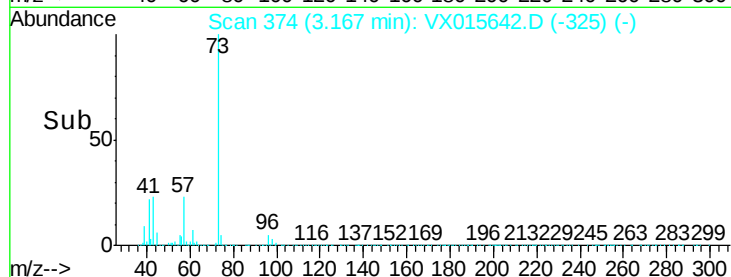
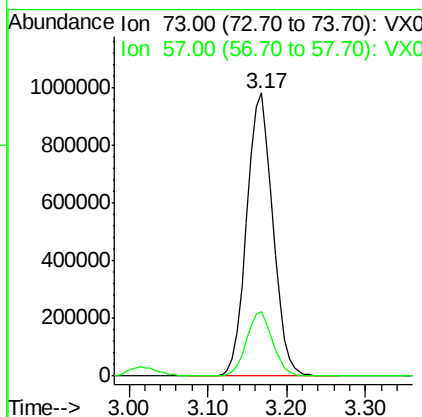
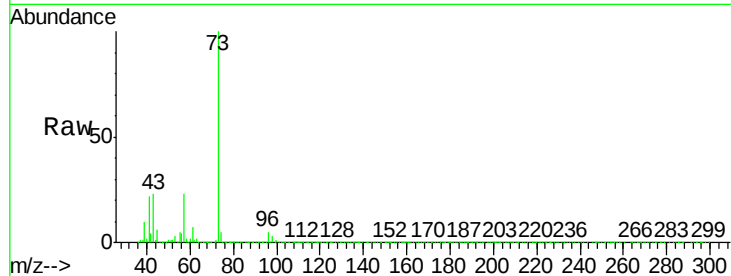
#19
Methyl tert-butyl Ether
Concen: 47.777 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 2261157
Ion Ratio Lower Upper
73 100
57 22.9 17.9 26.9

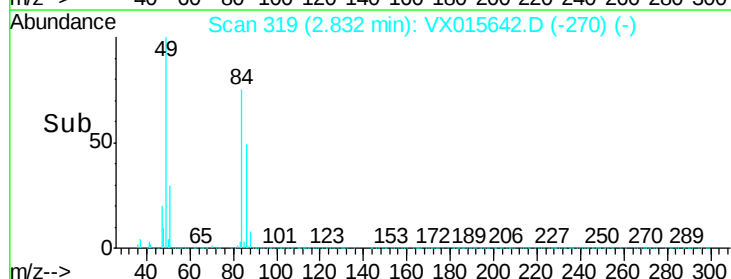
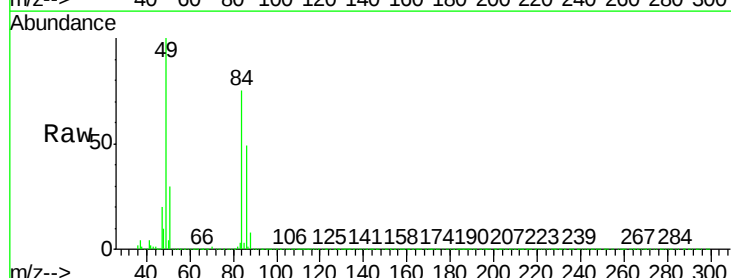
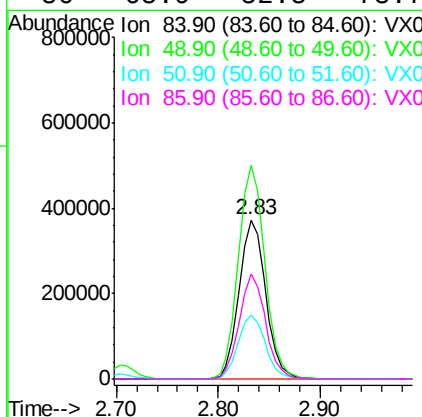
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#20
Methylene Chloride
Concen: 45.845 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 84 Resp: 670660
Ion Ratio Lower Upper
84 100
49 134.2 111.3 166.9
51 39.9 34.0 51.0
86 65.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.673 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 659173

Ion Ratio Lower Upper

96 100

61 144.9 116.9 175.3

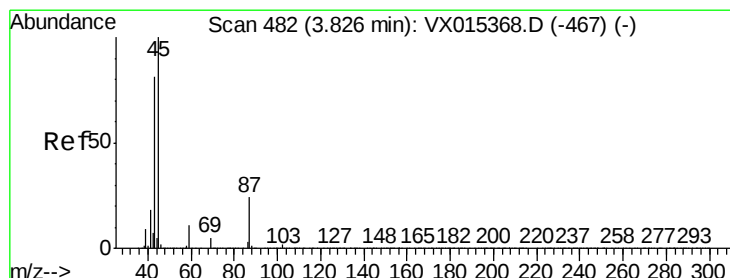
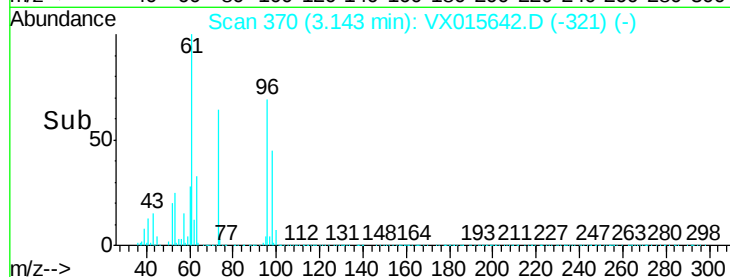
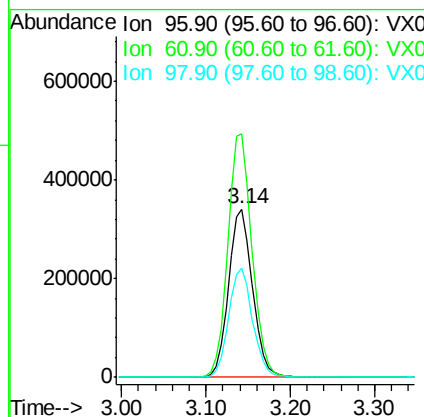
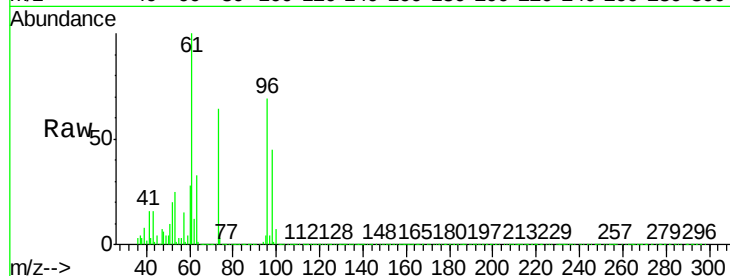
98 64.9 48.6 73.0

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#22

Diisopropyl ether

Concen: 48.646 ug/l

RT: 3.82 min Scan# 481

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 45 Resp: 2457832

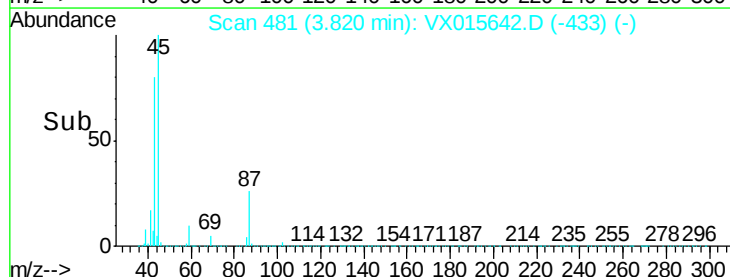
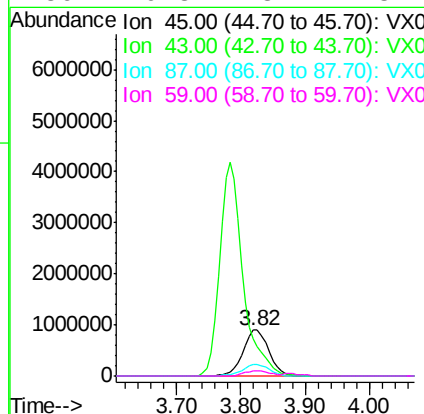
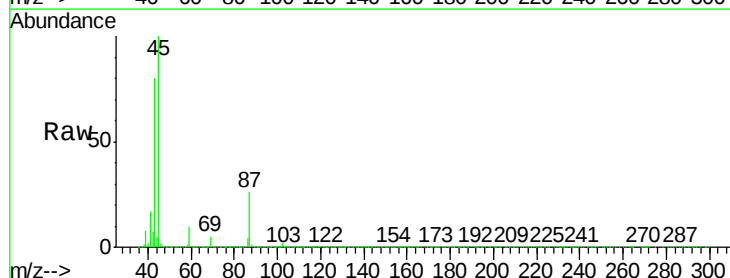
Ion Ratio Lower Upper

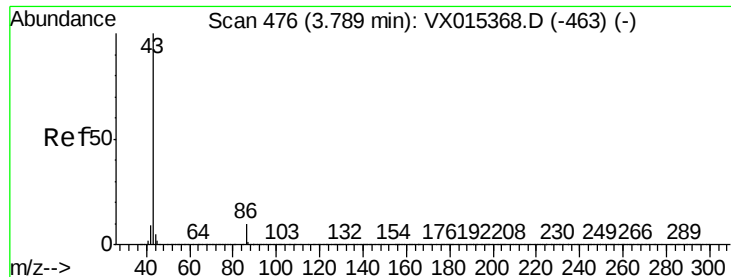
45 100

43 80.0 64.7 97.1

87 25.6 19.4 29.0

59 10.3 8.7 13.1





#23

Vinyl Acetate

Concen: 233.080 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp:10662360

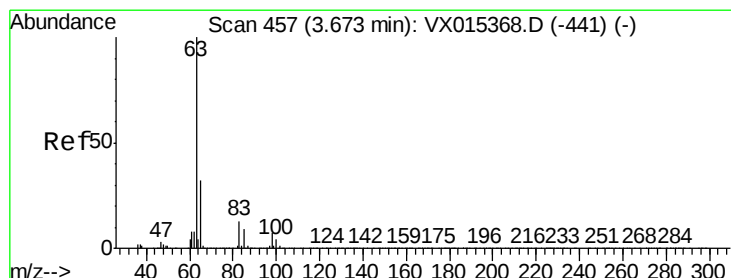
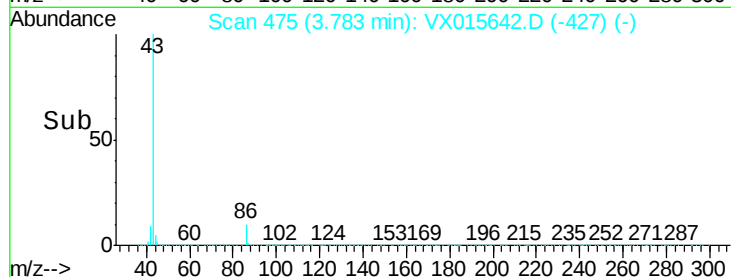
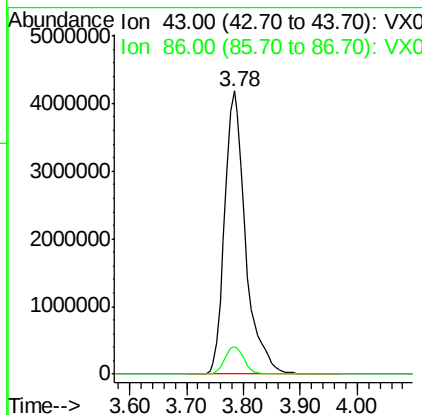
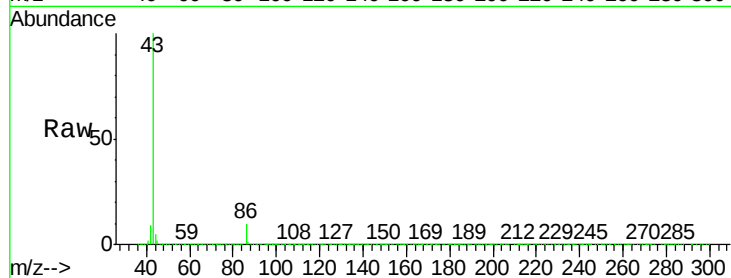
Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 47.444 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

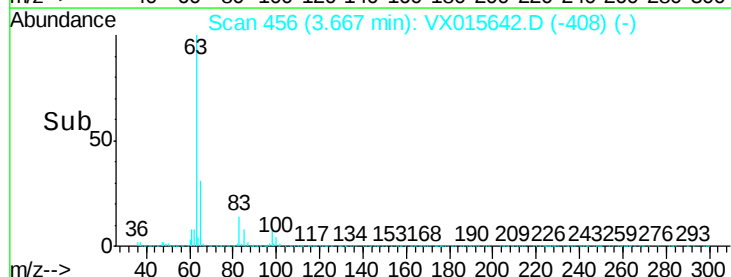
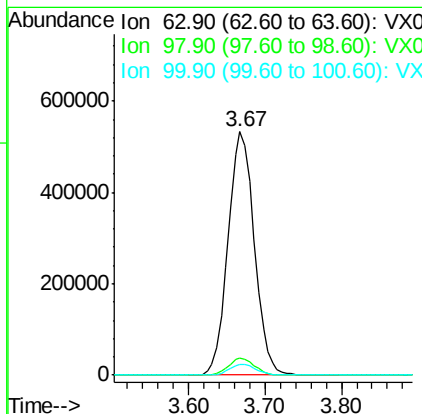
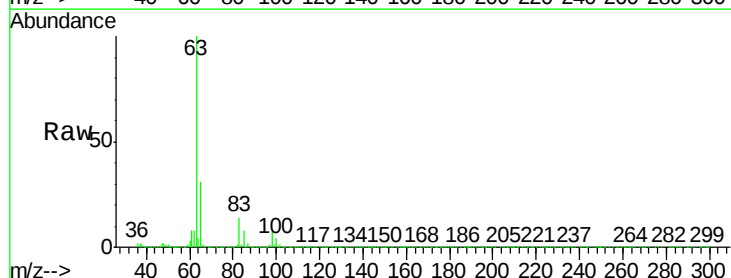
Tgt Ion: 63 Resp: 1262106

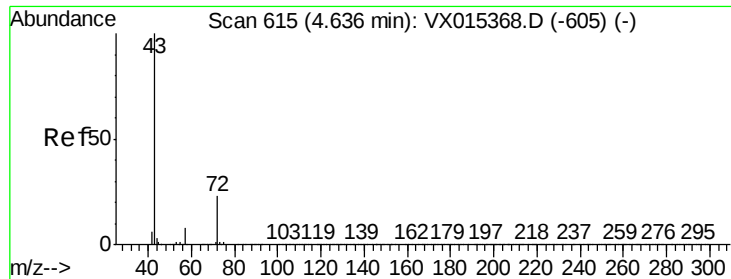
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 217.270 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tot Ion: 43 Resp: 2736597

Ion Ratio Lower Upper

43 100

72 23.3 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

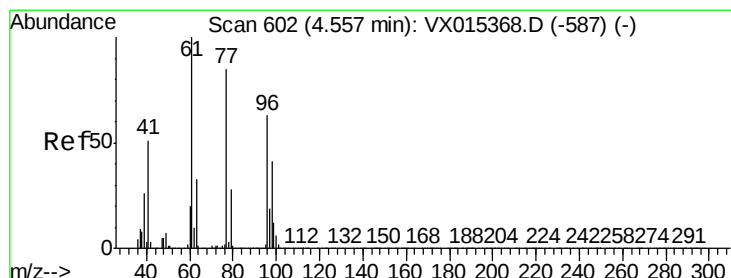
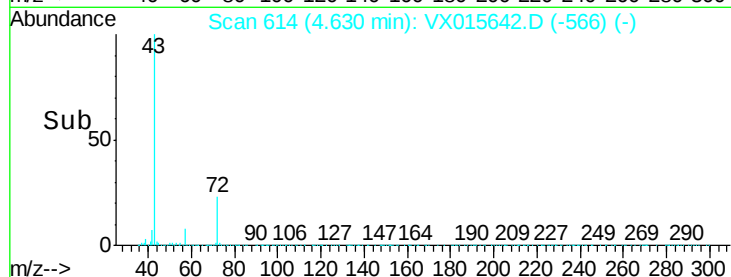
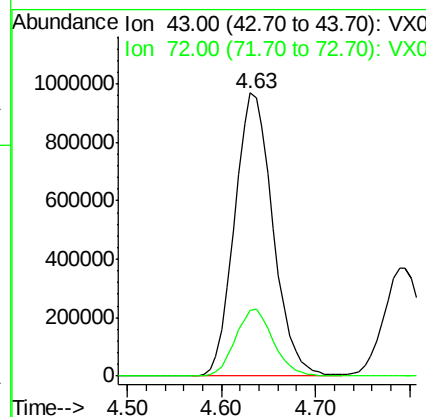
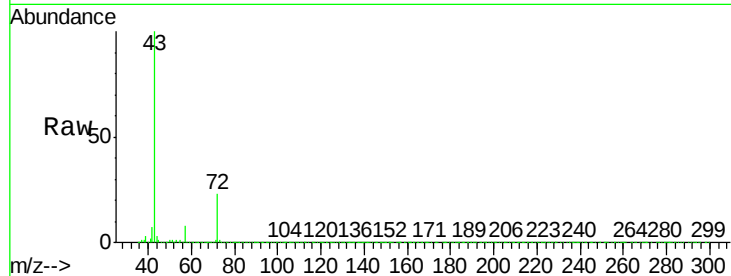
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 53.329 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015642.D

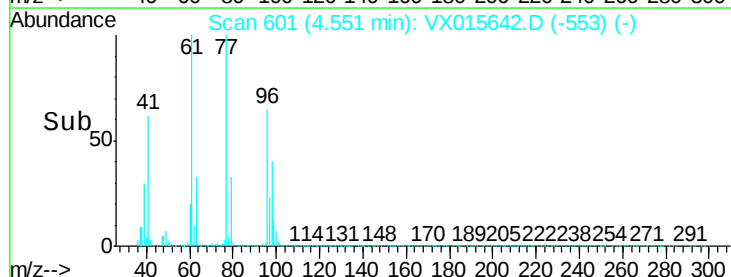
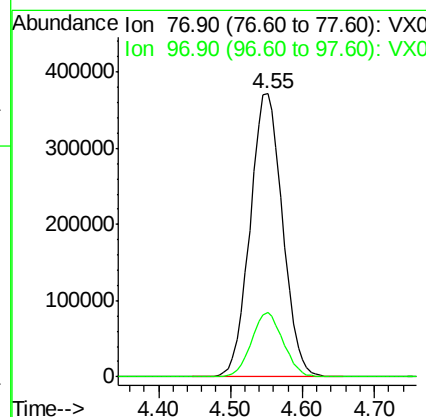
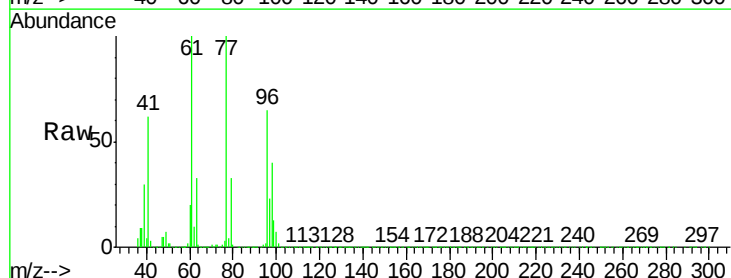
Acq: 13 Apr 2020 14:37

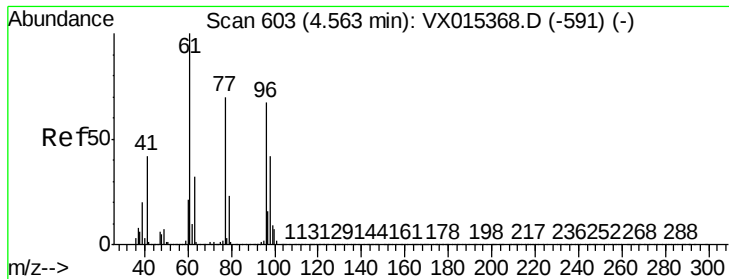
Tgt Ion: 77 Resp: 1164465

Ion Ratio Lower Upper

77 100

97 22.0 11.3 33.8





#27

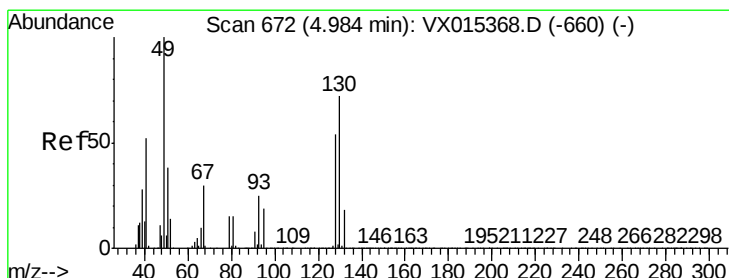
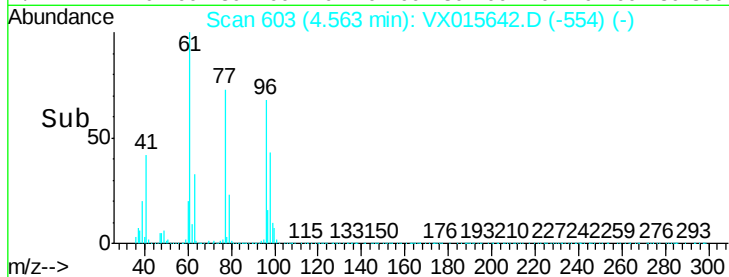
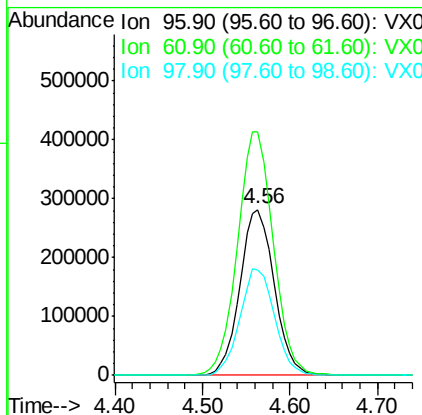
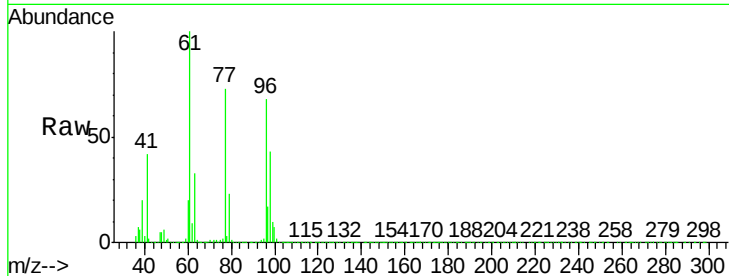
cis-1,2-Dichloroethene
Concen: 49.160 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	153.0	0.0	308.4
98	65.0	0.0	129.2

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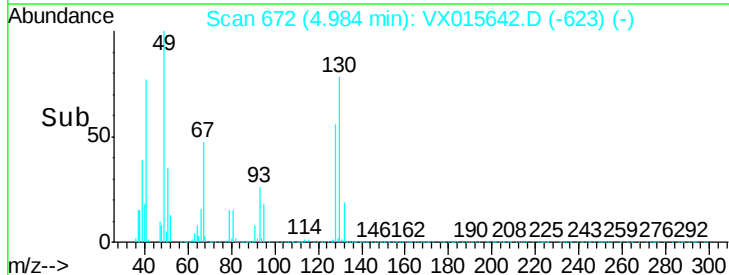
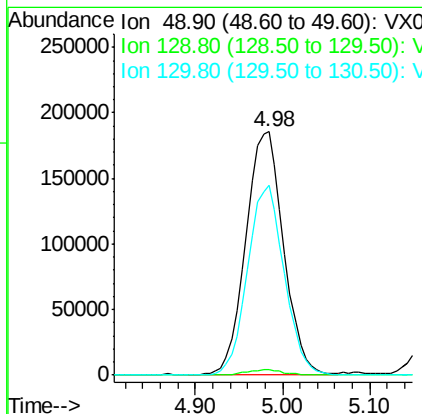
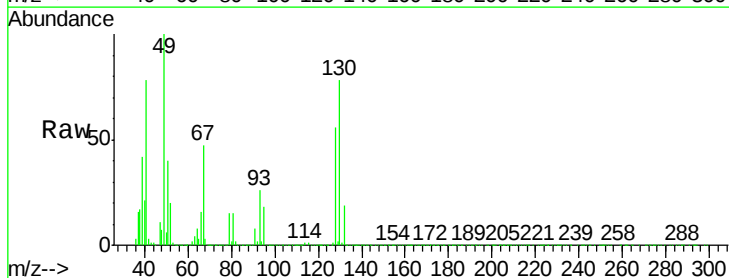
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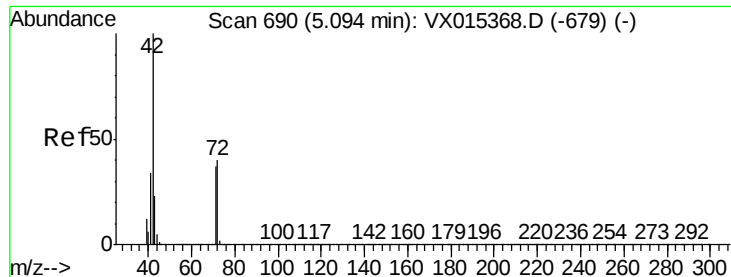


#28

Bromochloromethane
Concen: 43.721 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	75.7	57.7	86.5





#29

Tetrahydrofuran

Concen: 215.259 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

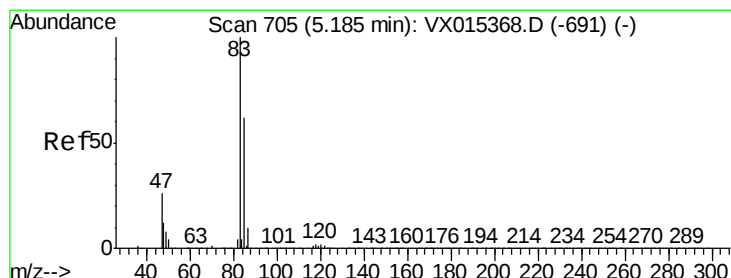
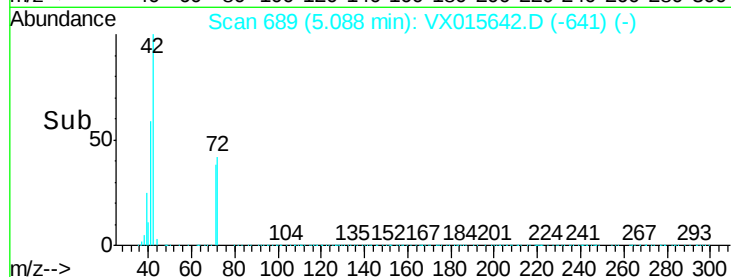
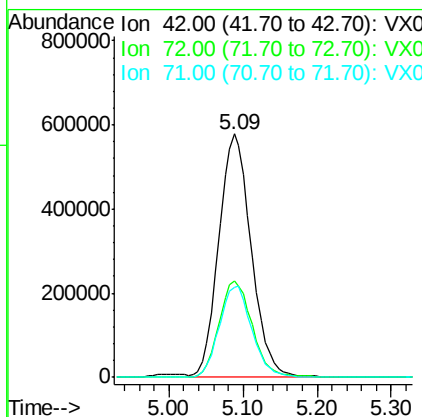
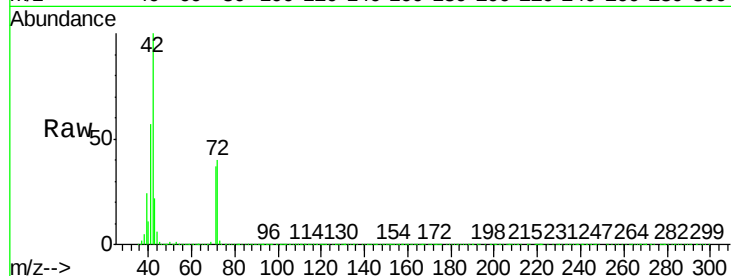
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	1743004
Ion	Ratio	Lower	Upper
42	100		
72	41.0	31.7	47.5
71	37.7	29.6	44.4

Manual Integrations
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#30

Chloroform

Concen: 48.850 ug/l

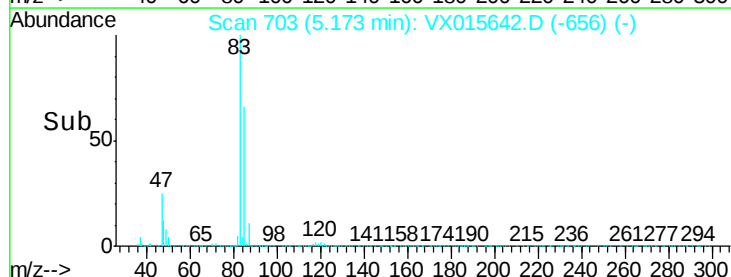
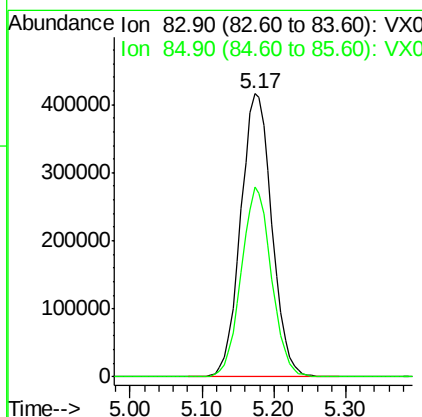
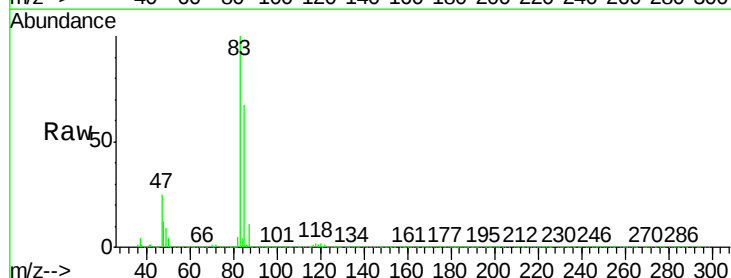
RT: 5.17 min Scan# 703

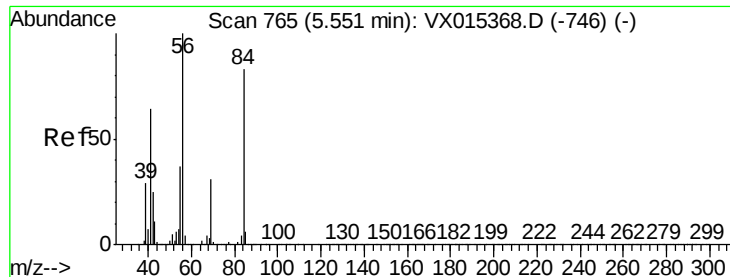
Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion:	83	Resp:	1250244
Ion	Ratio	Lower	Upper
83	100		
85	66.8	49.5	74.3





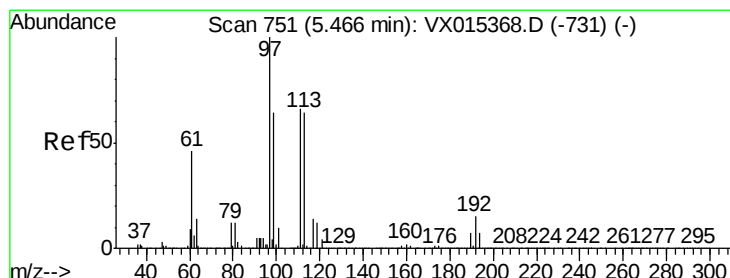
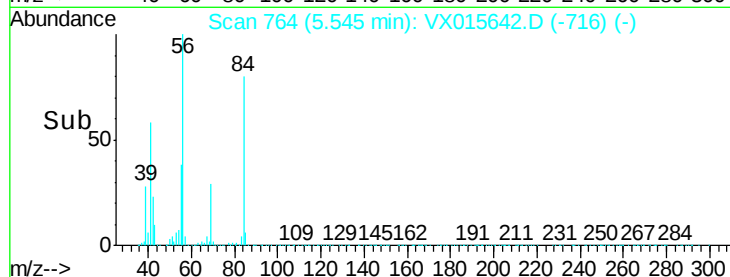
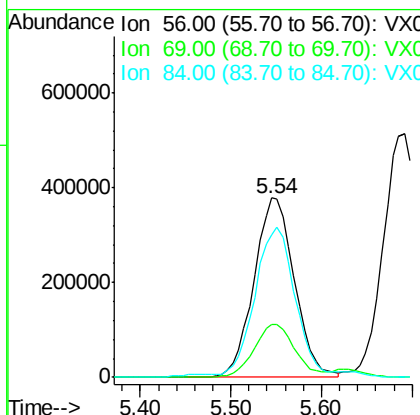
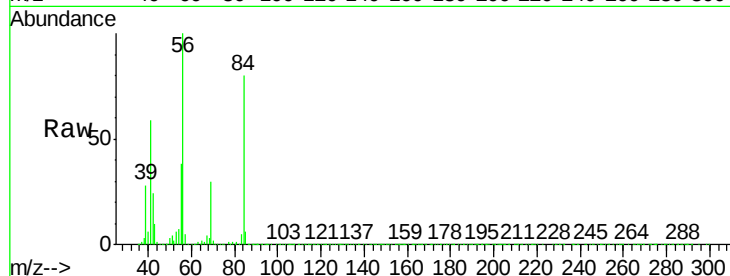
#31
Cyclohexane
Concen: 50.371 ug/l
RT: 5.54 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.5	24.6	36.8
84	78.4	66.1	99.1

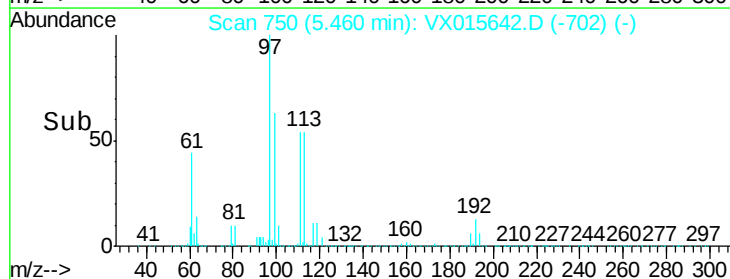
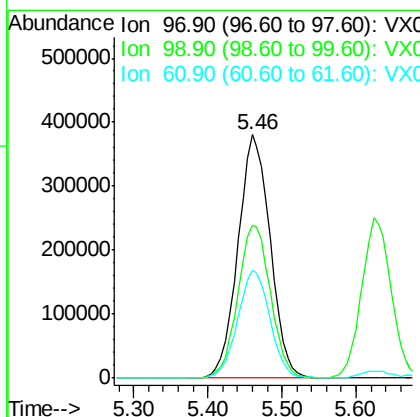
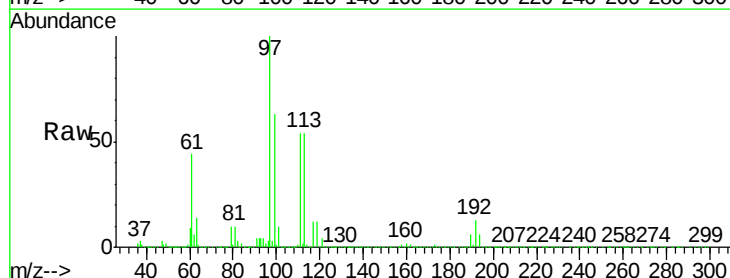
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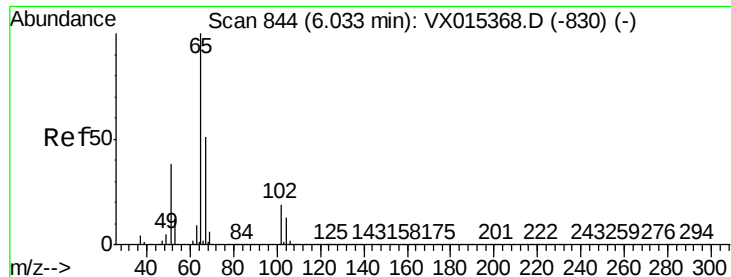
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#32
1,1,1-Trichloroethane
Concen: 49.847 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.0	76.4
61	44.6	36.1	54.1





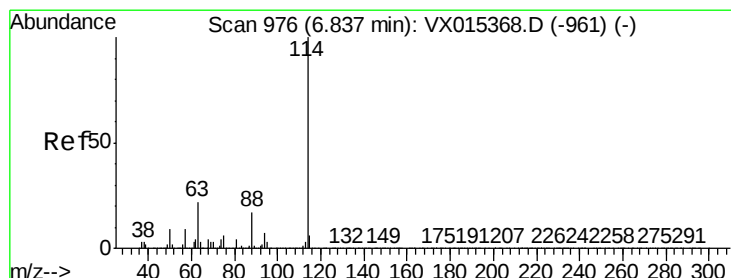
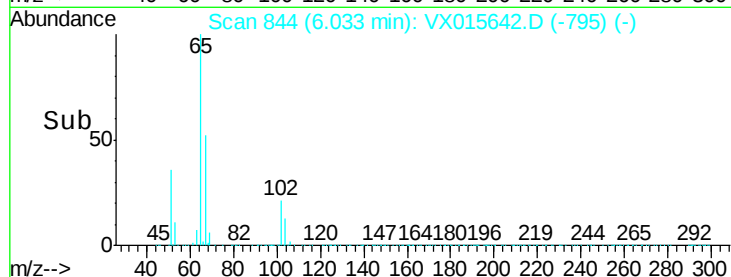
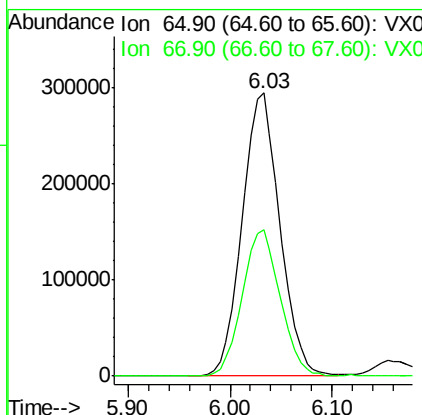
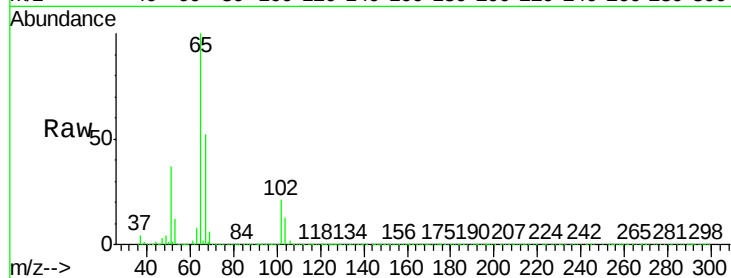
#33
 1,2-Dichloroethane-d4
 Concen: 41.453 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.8	0.0	102.6

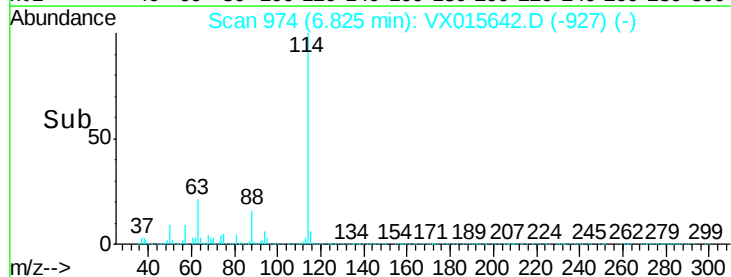
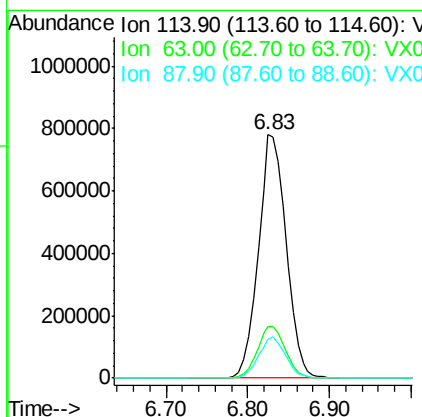
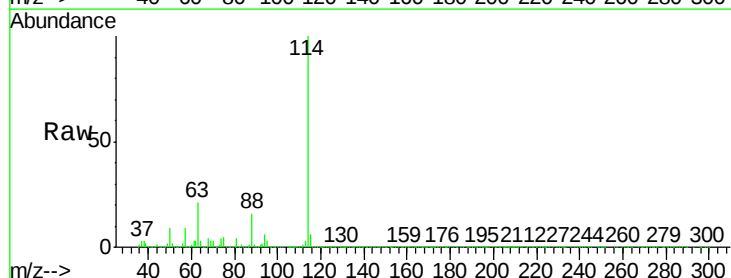
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	44.2
88	16.1	0.0	33.8





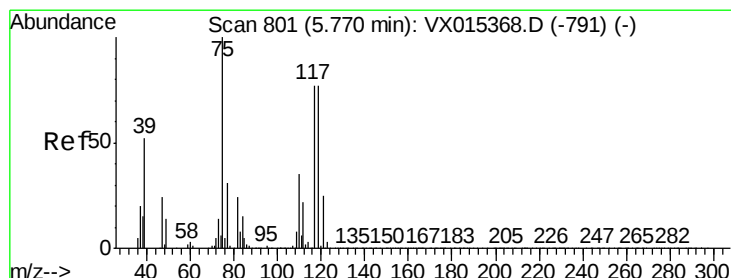
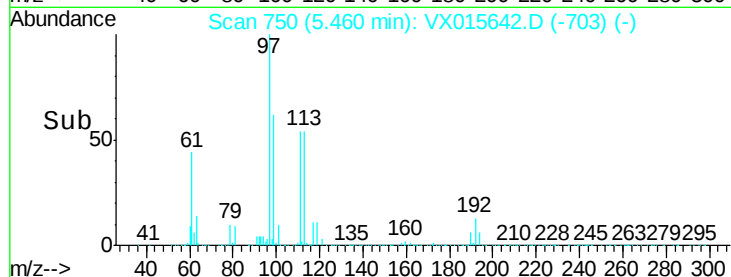
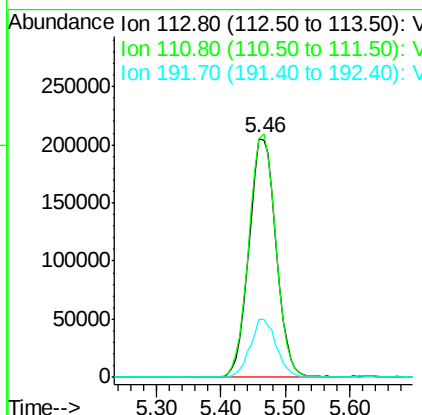
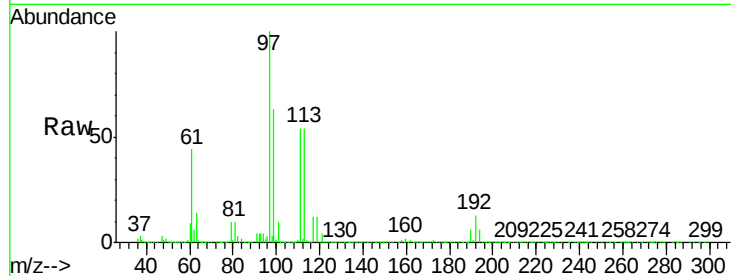
#35
 Dibromofluoromethane
 Concen: 49.875 ug/l
 RT: 5.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	590998		
111	101.5	81.5	122.3	
192	23.2	17.8	26.6	

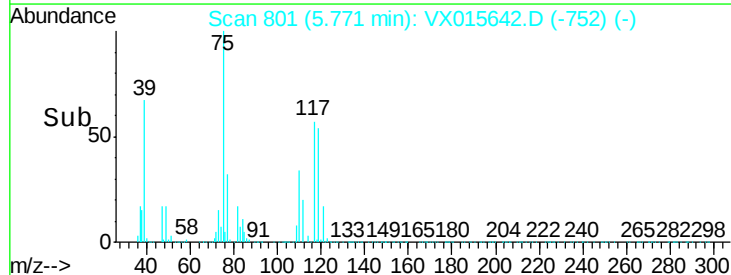
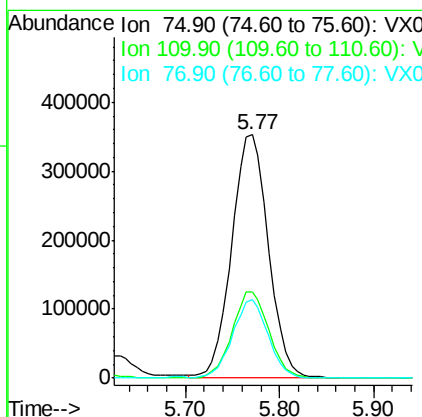
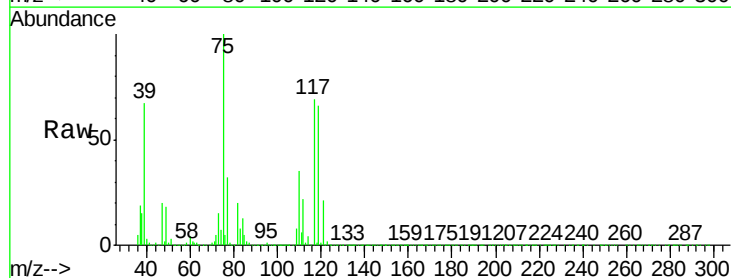
Manual Integrations
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#36
 1,1-Dichloropropene
 Concen: 56.027 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	956958		
110	35.3	17.1	51.3	
77	31.0	24.6	36.8	





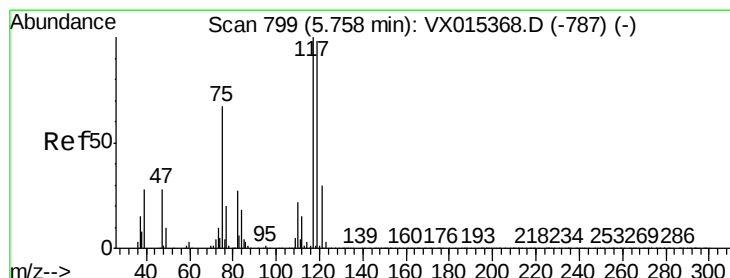
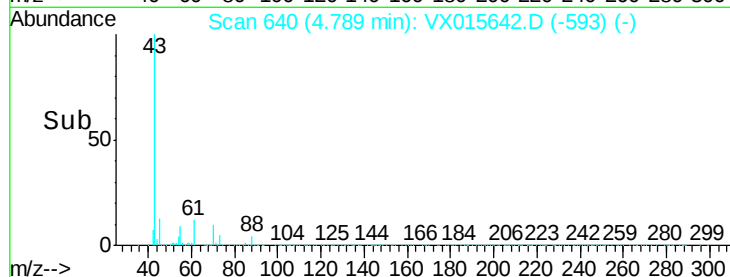
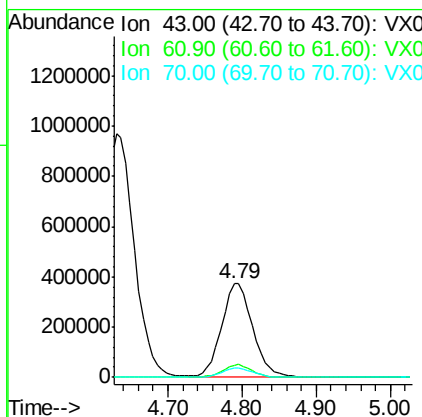
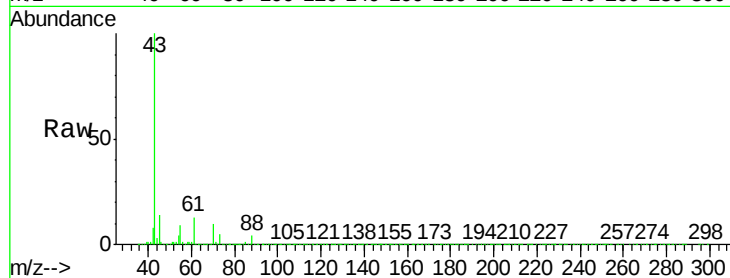
#37
Ethyl Acetate
Concen: 48.787 ug/l
RT: 4.79 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.1	8.1	12.1

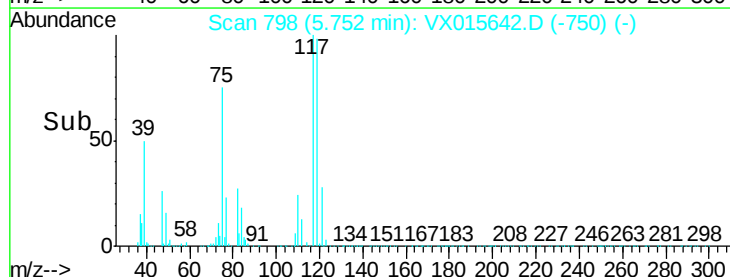
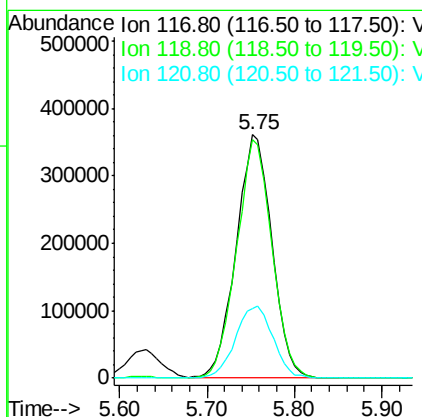
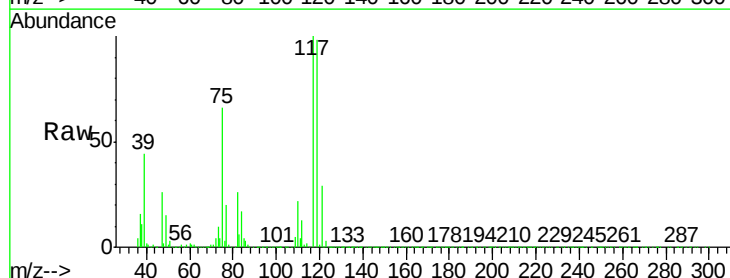
Manual Integrations
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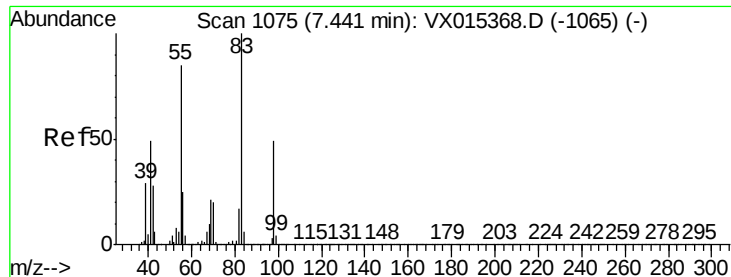
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#38
Carbon Tetrachloride
Concen: 55.331 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.0	117.0
121	28.5	23.8	35.8





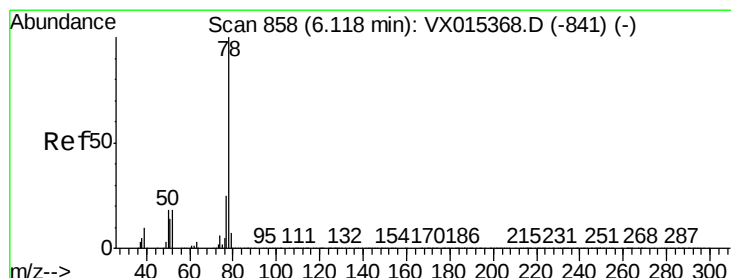
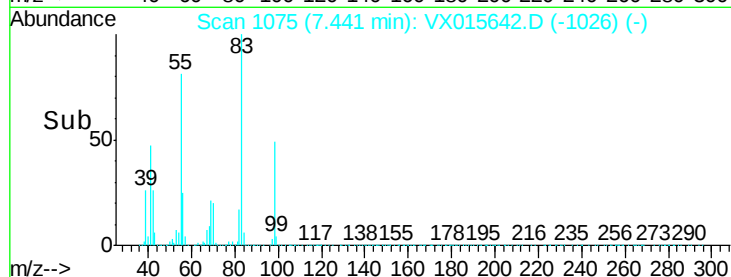
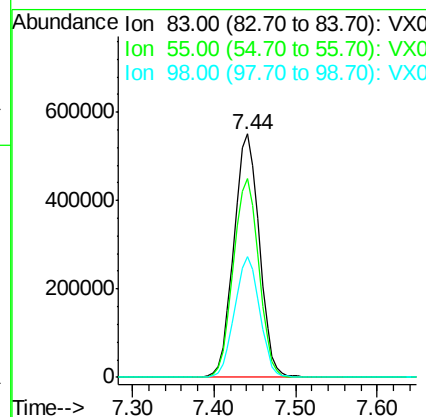
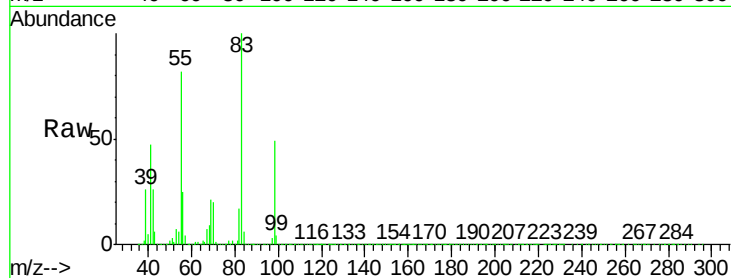
#39
Methvlcvclohexane
Concen: 59.967 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.4	67.8	101.6
98	49.3	39.3	58.9

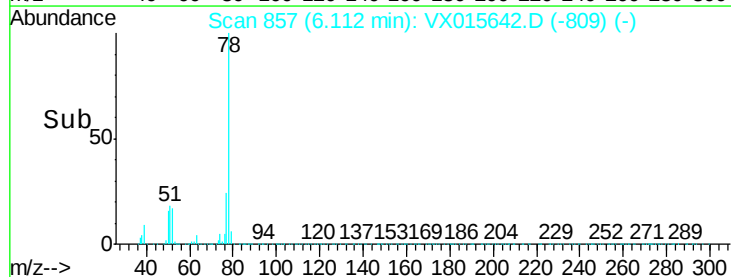
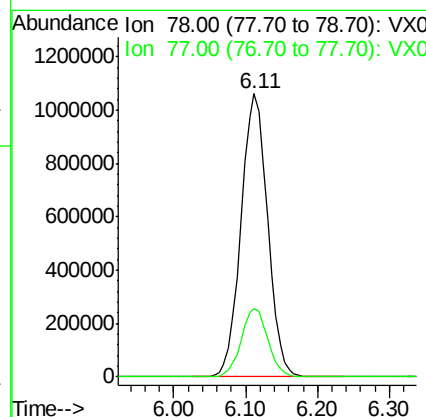
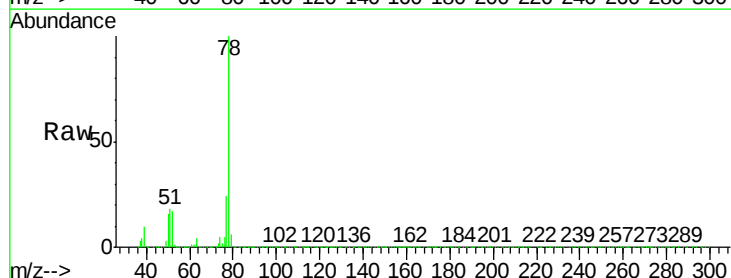
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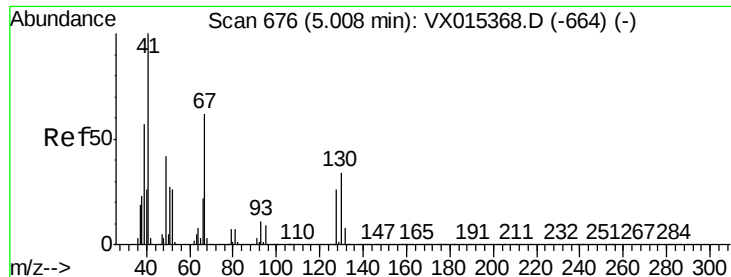
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#40
Benzene
Concen: 54.373 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.8	29.8





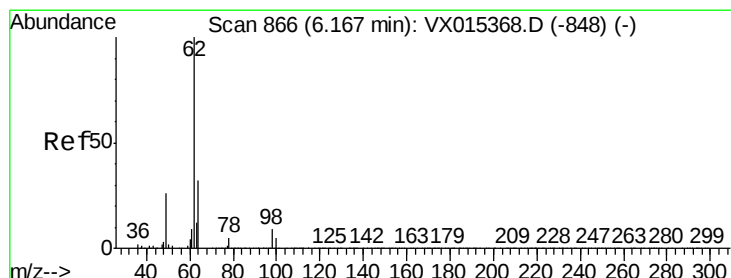
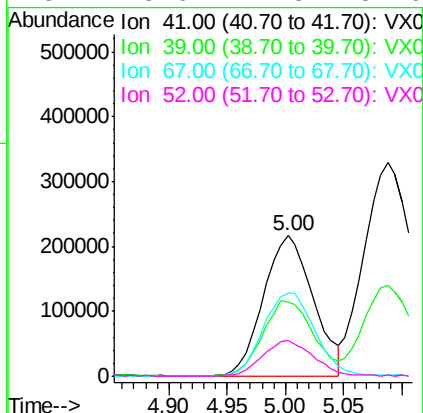
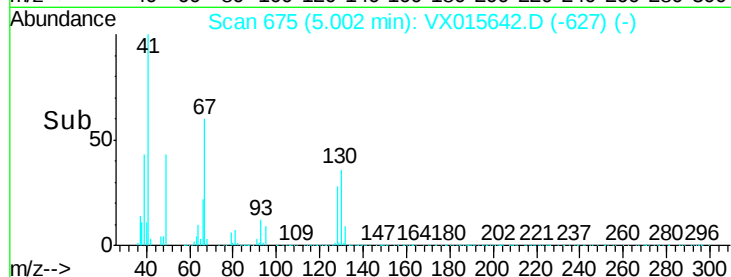
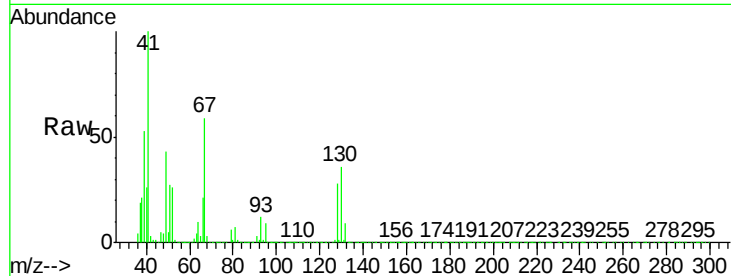
#41
Methacrylonitrile
Concen: 51.969 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.6	44.5	66.7	
67	61.6	48.9	73.3	
52	25.6	21.8	32.6	

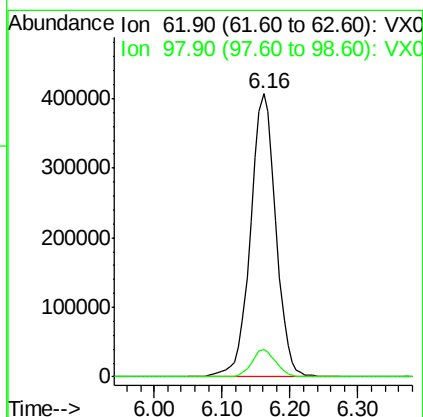
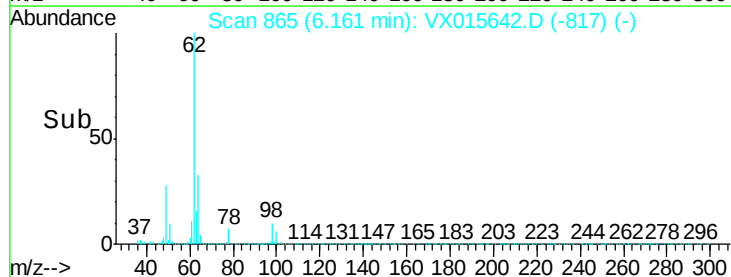
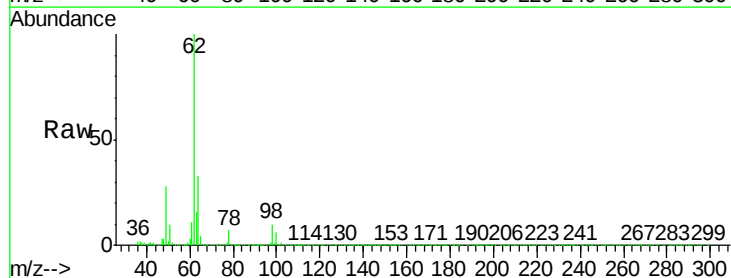
Manual Integrations
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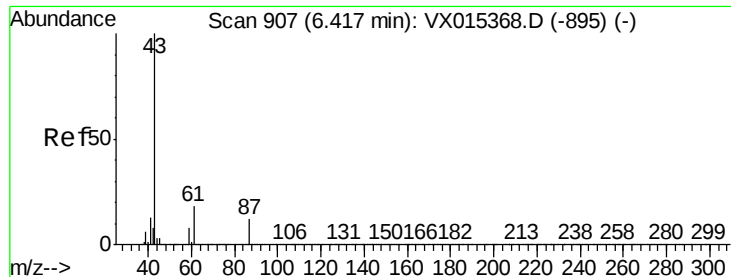
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#42
1,2-Dichloroethane
Concen: 52.370 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	17.6	





#43

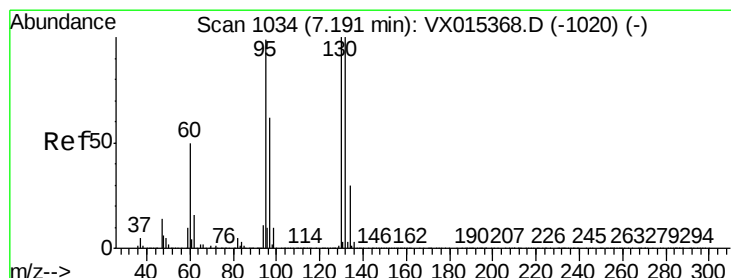
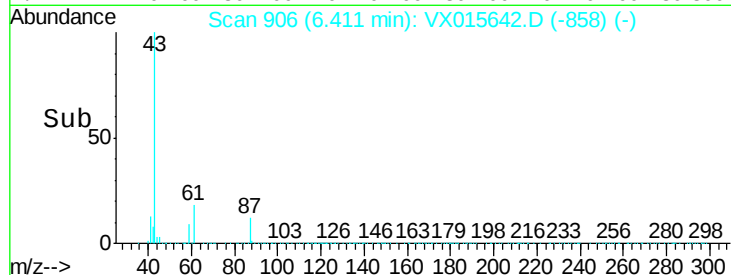
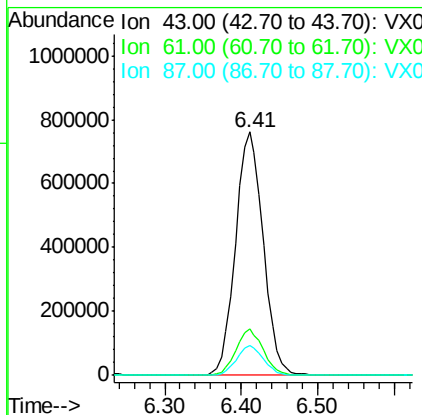
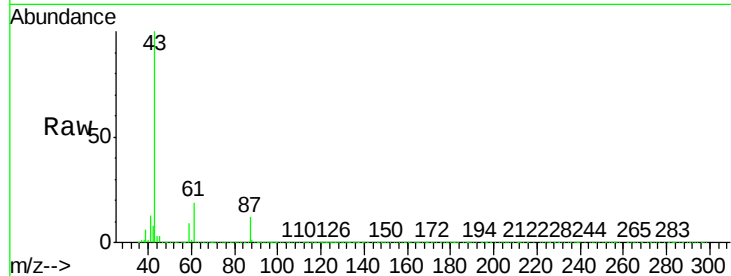
Isopropyl Acetate
 Concen: 50.580 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.8	22.2
87	12.1	9.4	14.0

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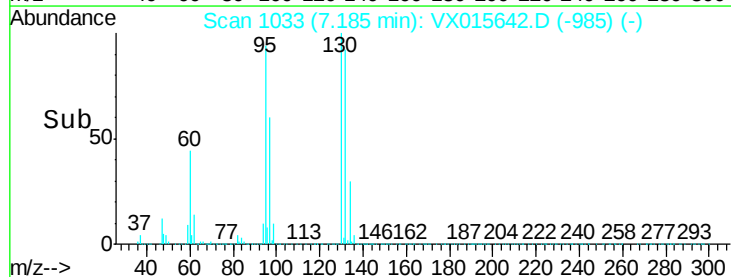
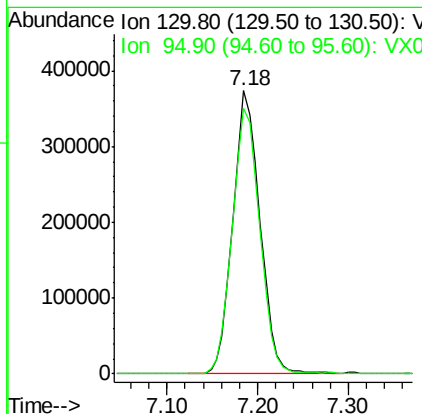
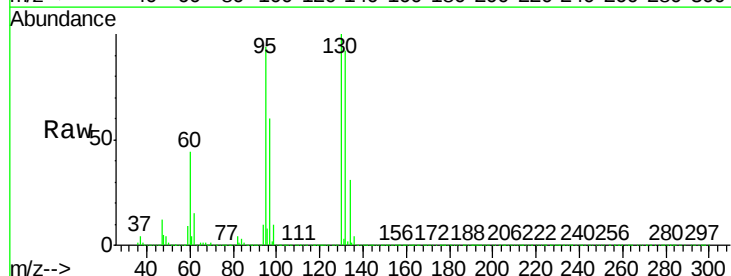
MMDadoda
 4/14/2020 10:11:30 AM

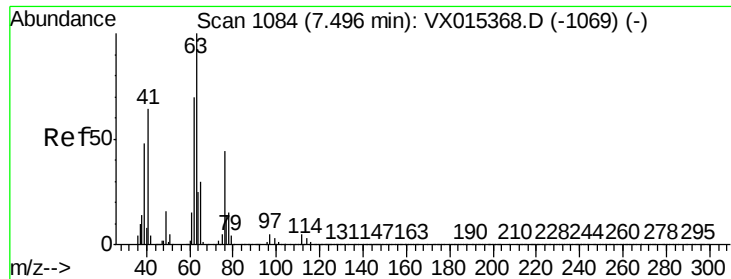


#44

Trichloroethene
 Concen: 56.720 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	199.0





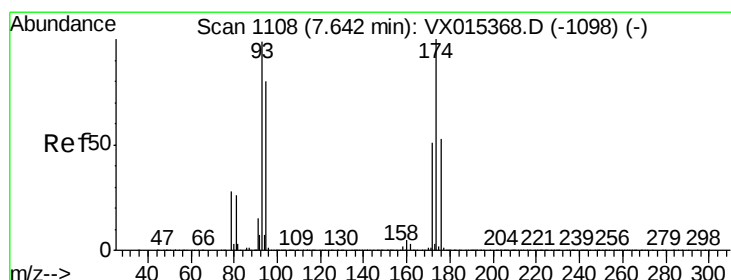
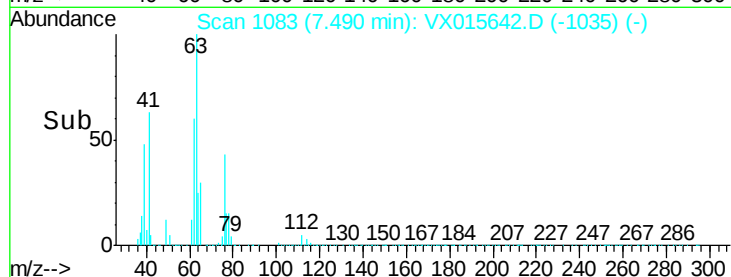
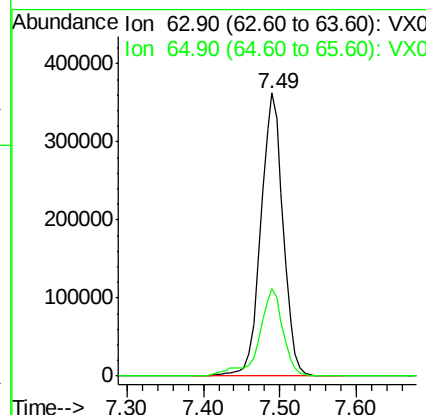
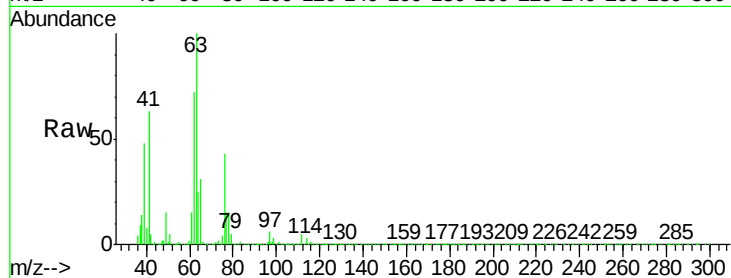
#45
 1,2-Dichloropropane
 Concen: 53.719 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
63	100	735249		
65	30.7		23.9	35.9

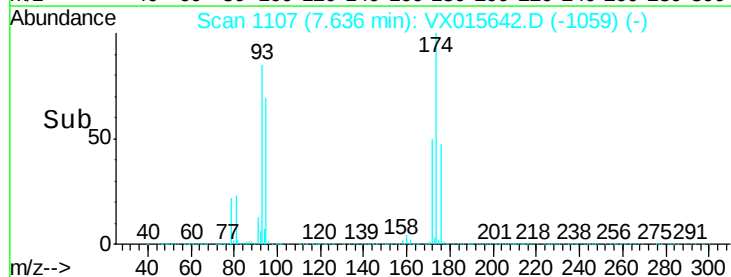
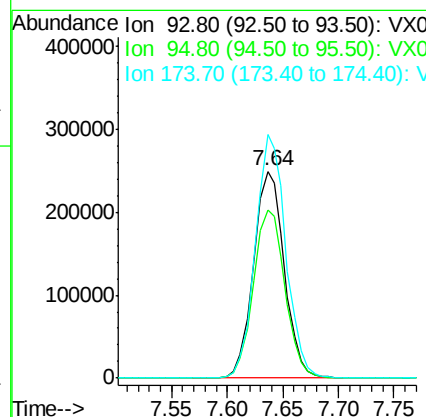
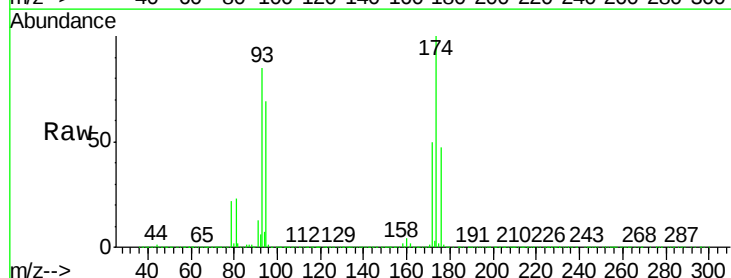
Manual Integrations
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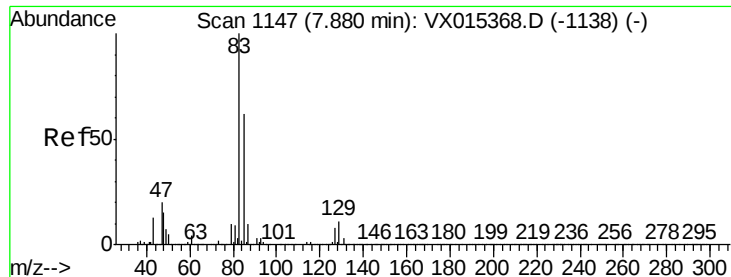
MMDadoda
 4/14/2020 10:11:30 AM



#46
 Dibromomethane
 Concen: 53.571 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	480980		
95	83.3		65.8	98.8
174	116.3		86.2	129.2





#47

Bromodichloromethane

Concen: 54.238 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 1037623

Ion Ratio Lower Upper

83 100

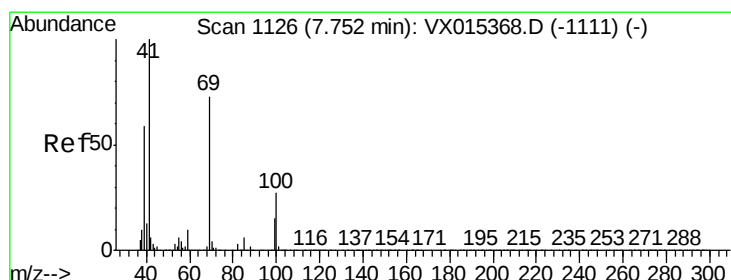
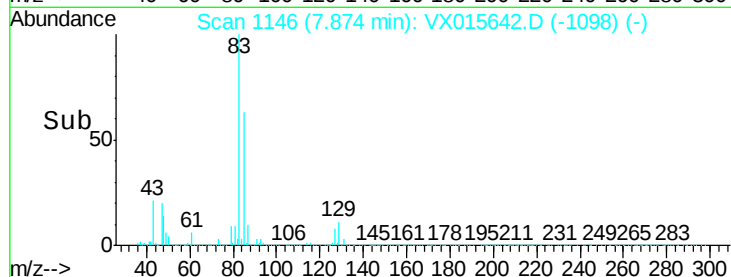
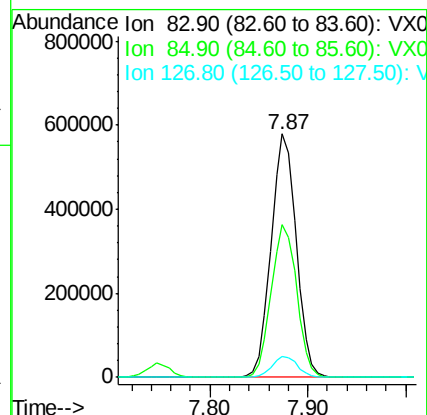
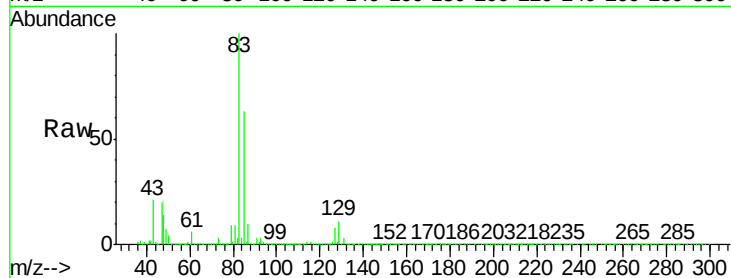
85 62.9 49.7 74.5

127 8.4 6.7 10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.500 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

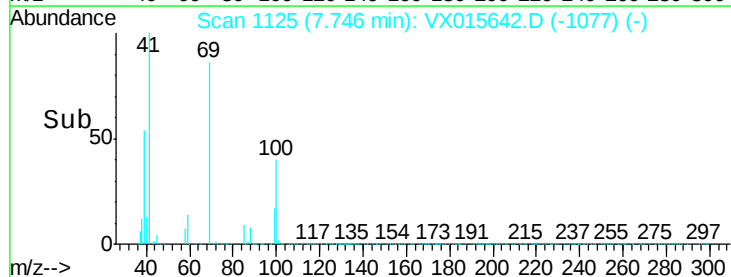
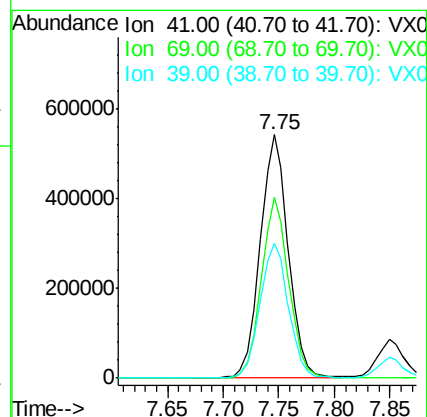
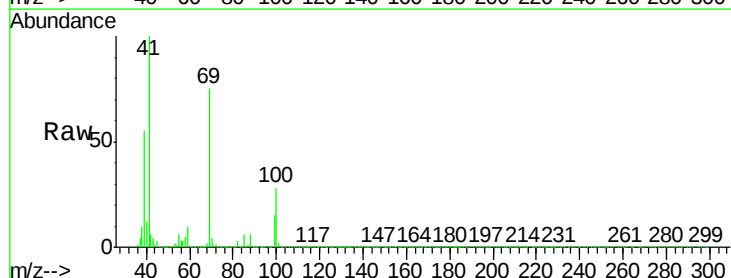
Tgt Ion: 41 Resp: 946983

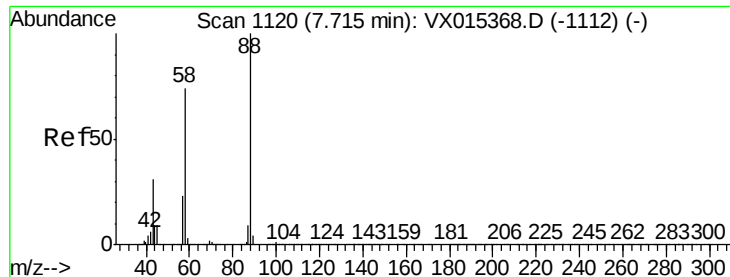
Ion Ratio Lower Upper

41 100

69 72.9 56.7 85.1

39 56.1 46.5 69.7





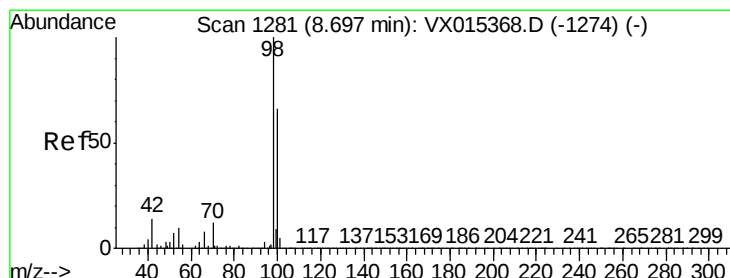
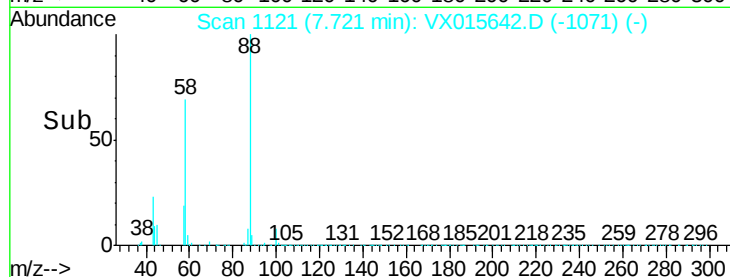
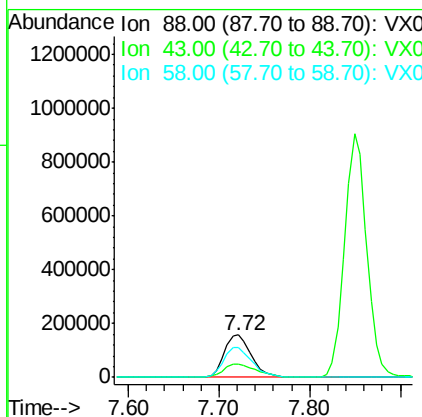
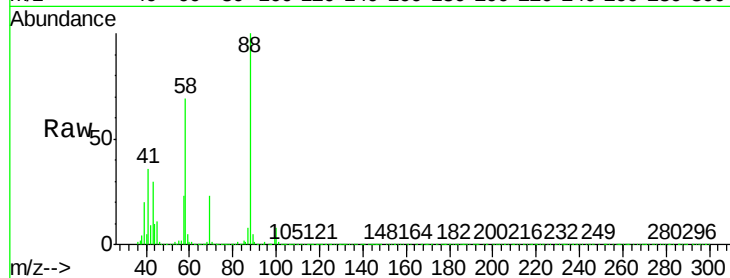
#49
1,4-Dioxane
Concen: 943.621 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.6	30.1	45.1
58	72.6	60.6	90.8

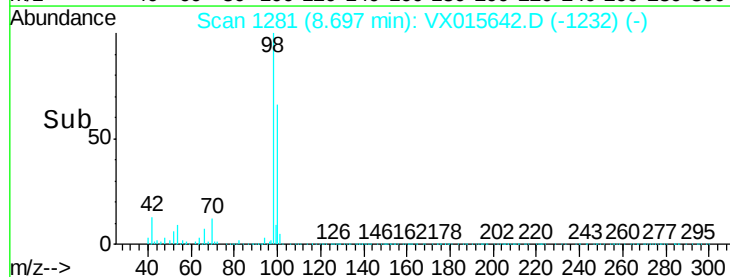
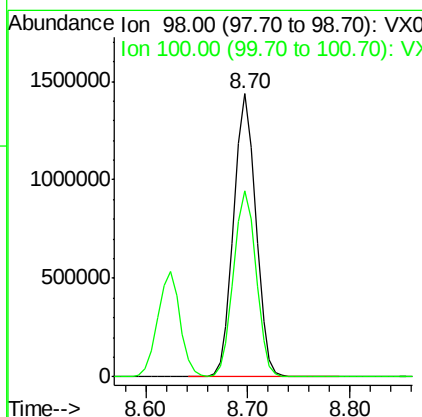
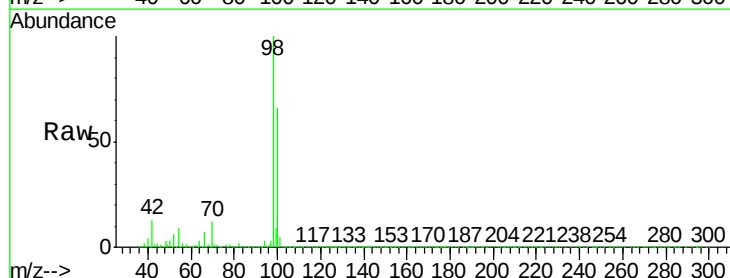
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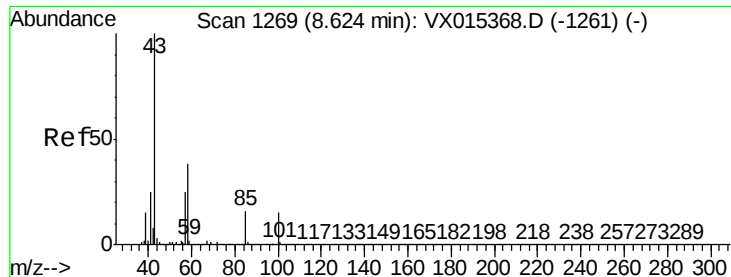
MMDadoda
4/14/2020 10:11:30 AM



#50
Toluene-d8
Concen: 49.567 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 250.951 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 5339313

Ion Ratio Lower Upper

43 100

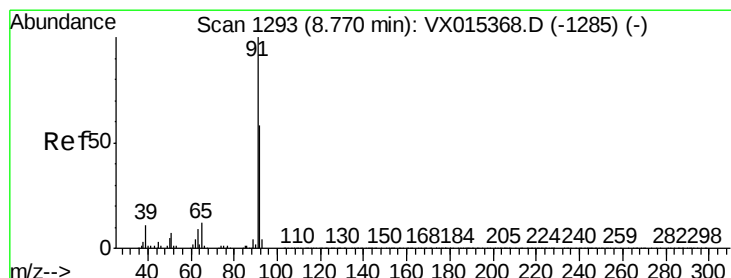
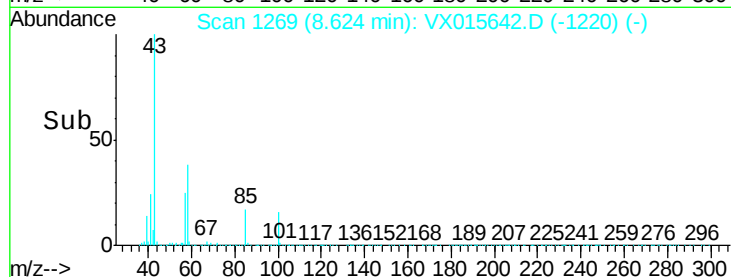
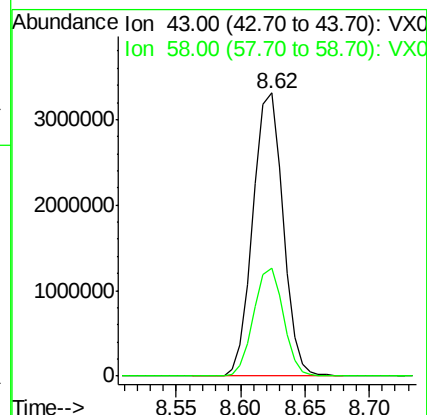
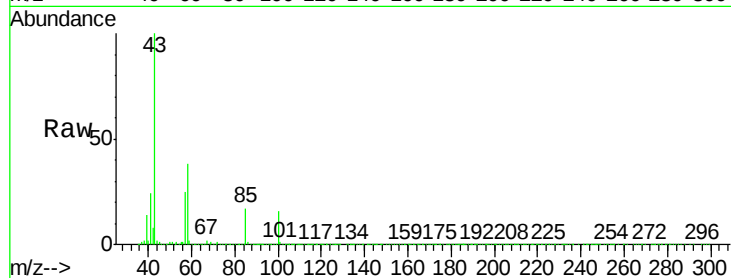
58 37.8 29.7 44.5

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#52

Toluene

Concen: 56.897 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015642.D

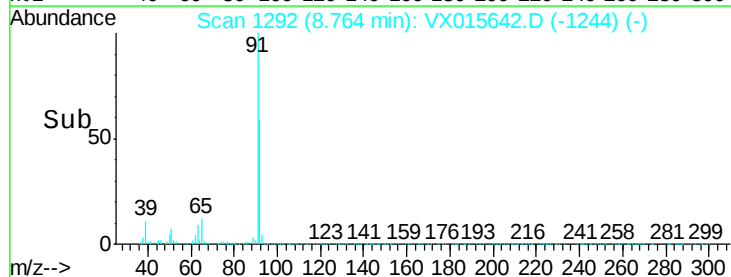
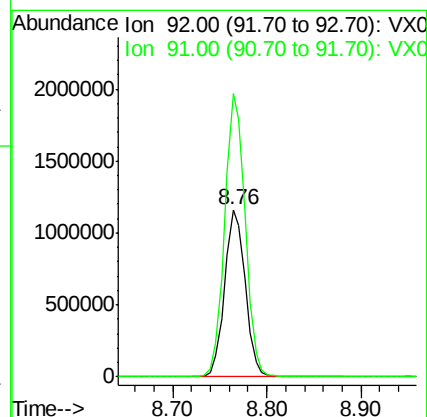
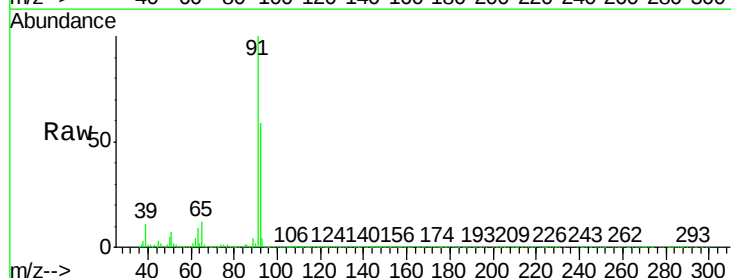
Acq: 13 Apr 2020 14:37

Tgt Ion: 92 Resp: 1755079

Ion Ratio Lower Upper

92 100

91 168.6 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 53.843 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tot Ion: 75 Resp: 1208079

Ion Ratio Lower Upper

75 100

77 31.1 24.1 36.1

Instrument :

MSVOA_X

ClientSampleId :

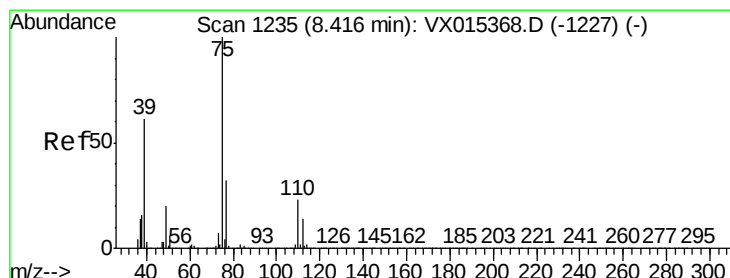
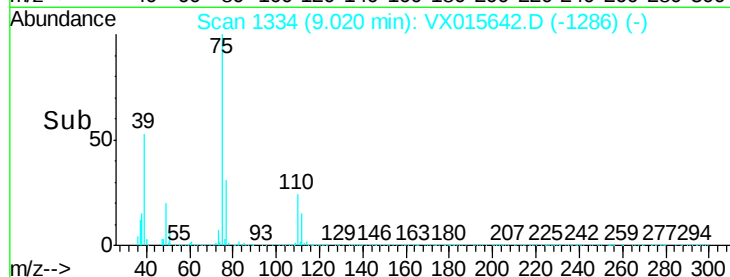
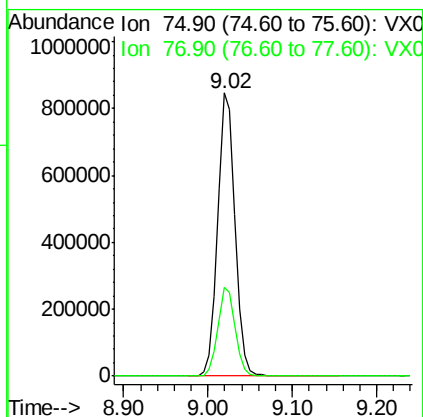
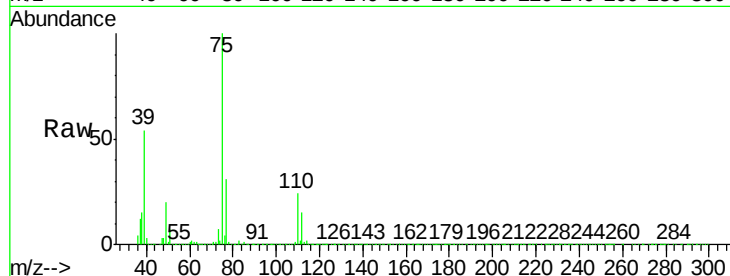
VSTDCCC050

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 54.865 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

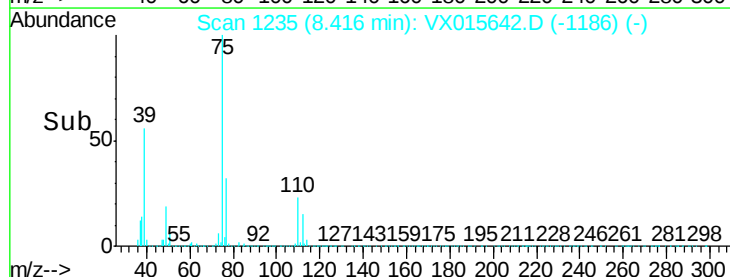
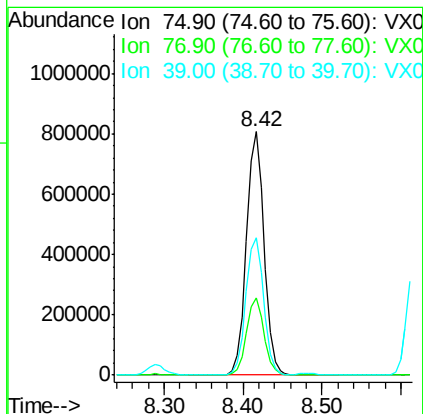
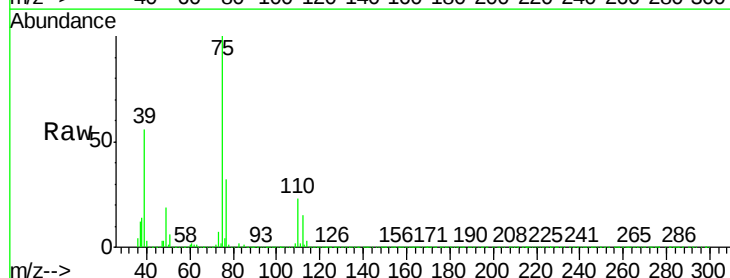
Tgt Ion: 75 Resp: 1253985

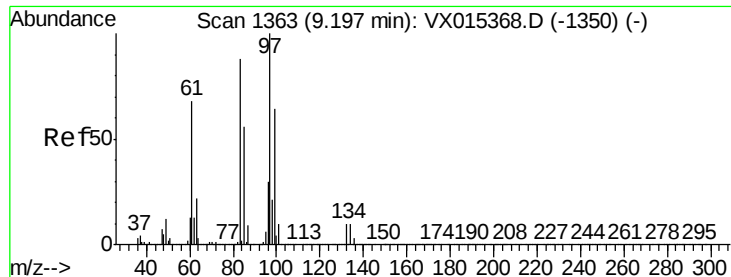
Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

39 56.3 49.0 73.4





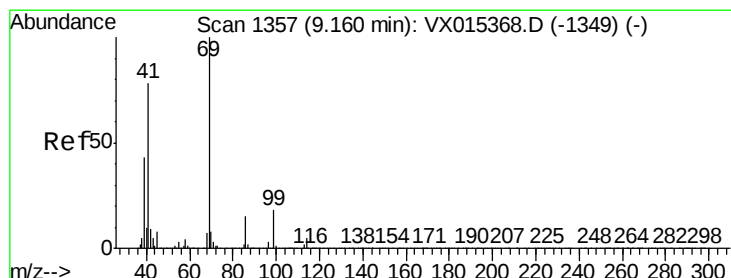
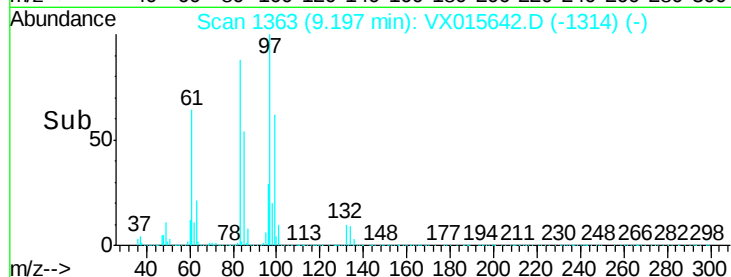
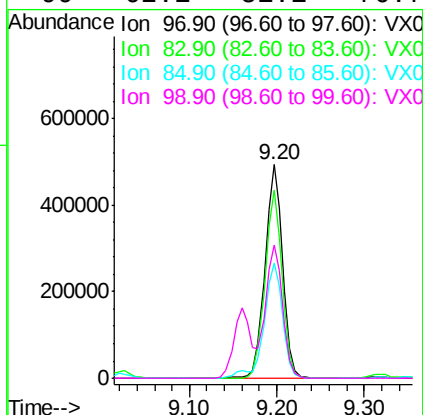
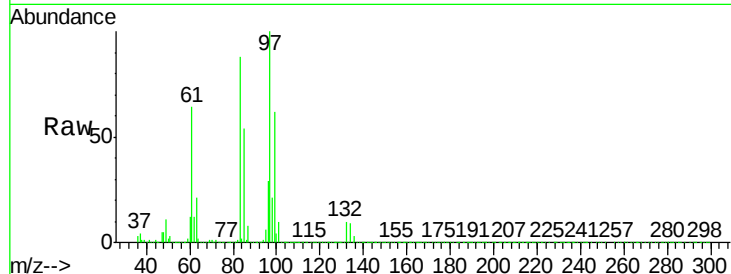
#55
 1,1,2-Trichloroethane
 Concen: 55.475 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	701085
Ion	Ratio	Lower	Upper
97	100		
83	88.1	70.2	105.4
85	53.8	44.7	67.1
99	62.1	51.1	76.7

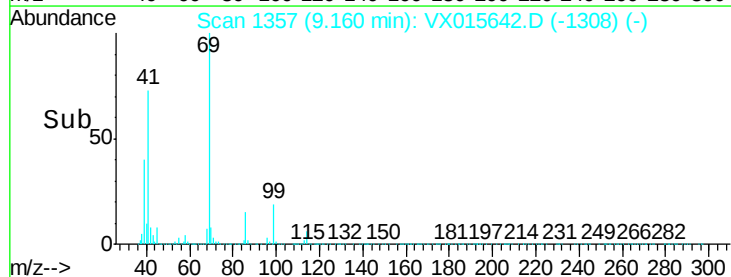
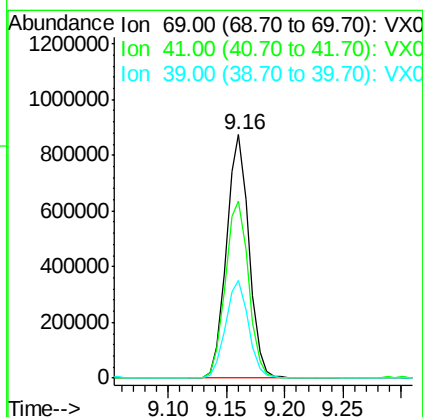
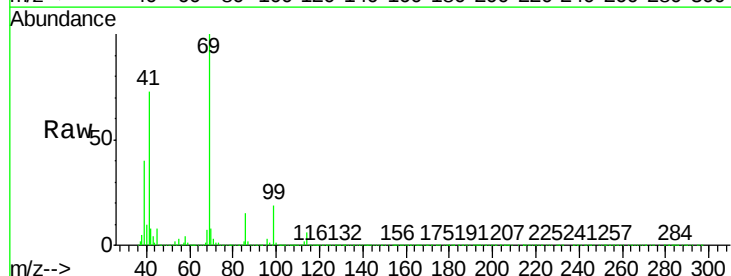
Manual Integrations
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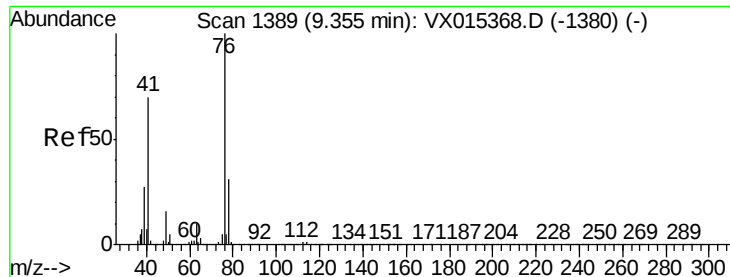
MMDadoda
 4/14/2020 10:11:30 AM



#56
 Ethyl methacrylate
 Concen: 52.460 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion:	69	Resp:	1168416
Ion	Ratio	Lower	Upper
69	100		
41	75.0	61.6	92.4
39	40.6	34.0	51.0





#57

1,3-Dichloropropane

Concen: 53.651 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 1221611

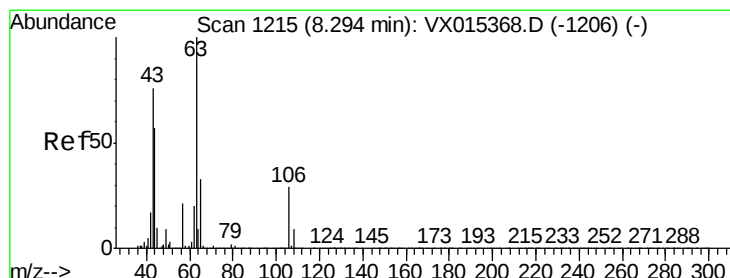
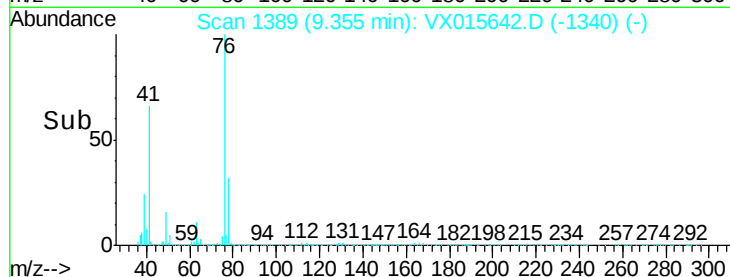
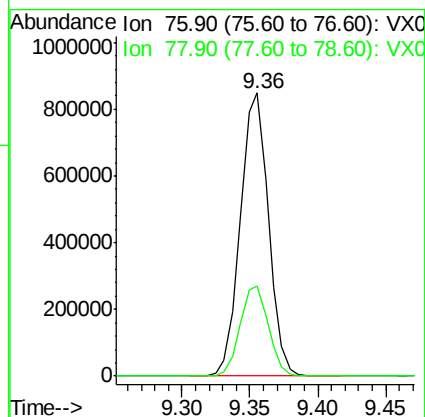
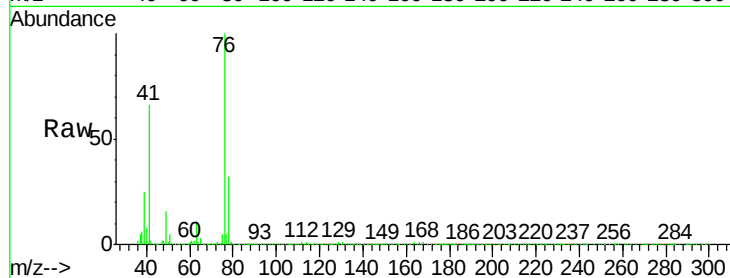
Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.8

Manual Integrations
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4/14/2020 10:11:30 AM



#58

2-Chloroethyl Vinyl ether

Concen: 200.886 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015642.D

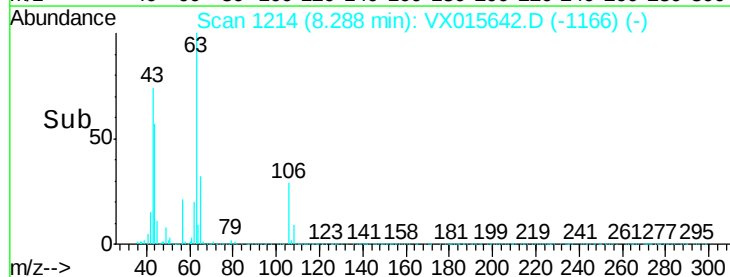
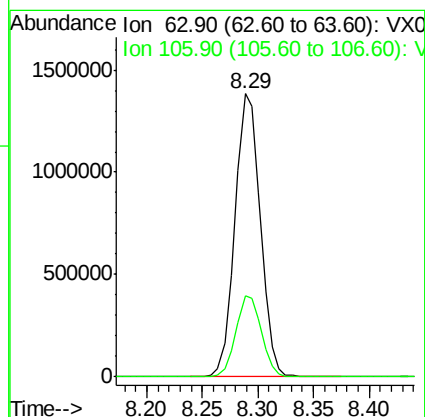
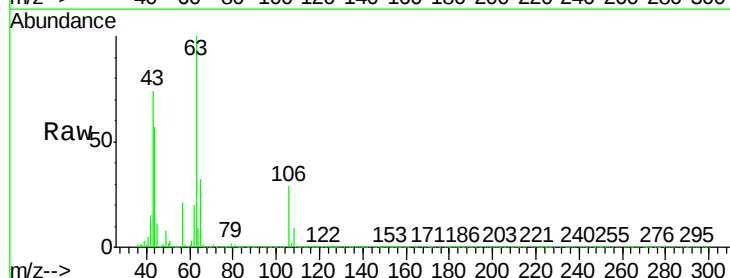
Acq: 13 Apr 2020 14:37

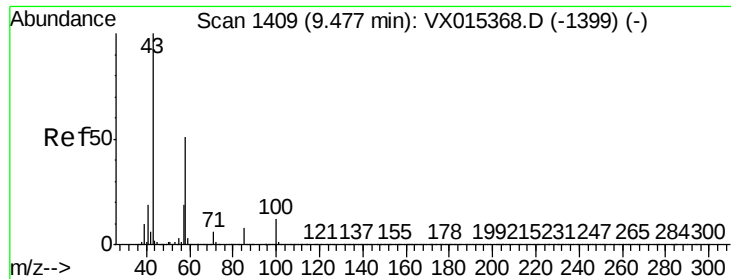
Tgt Ion: 63 Resp: 2176305

Ion Ratio Lower Upper

63 100

106 29.0 22.7 34.1





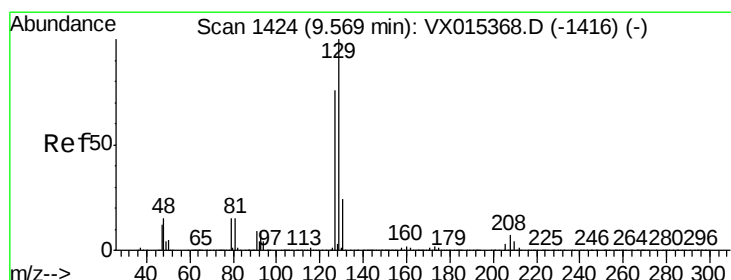
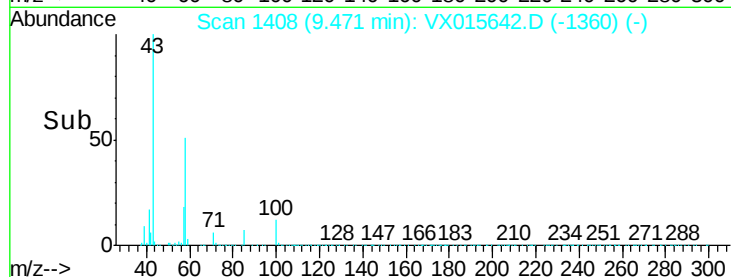
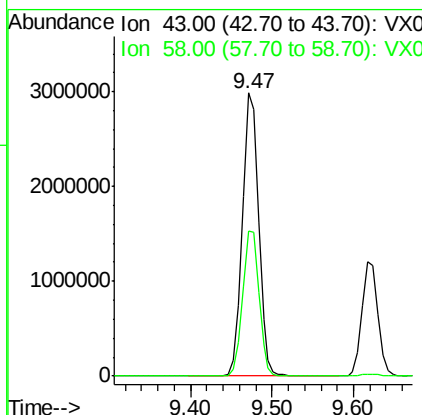
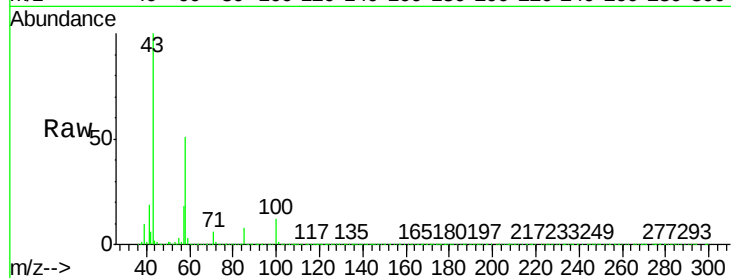
#59
2-Hexanone
Concen: 253.150 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 4066388
Ion Ratio Lower Upper
43 100
58 52.3 25.6 76.6

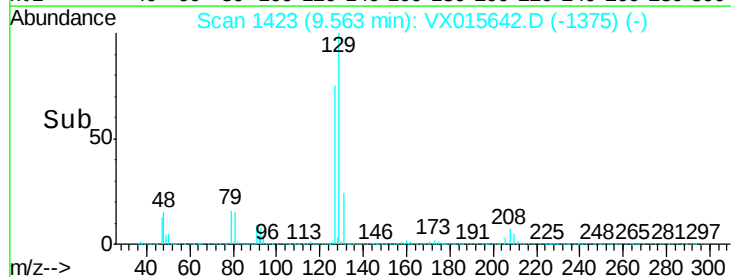
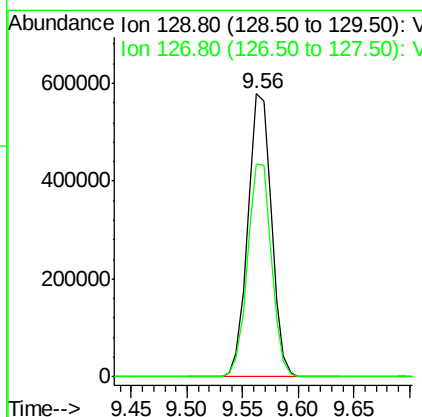
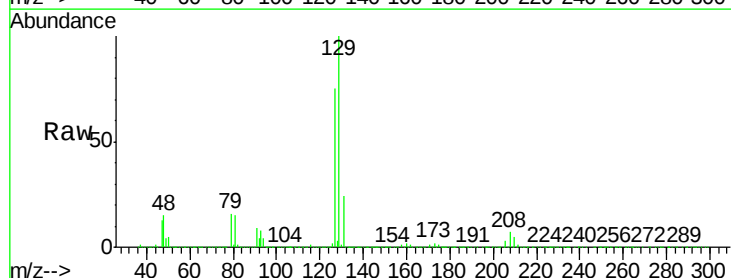
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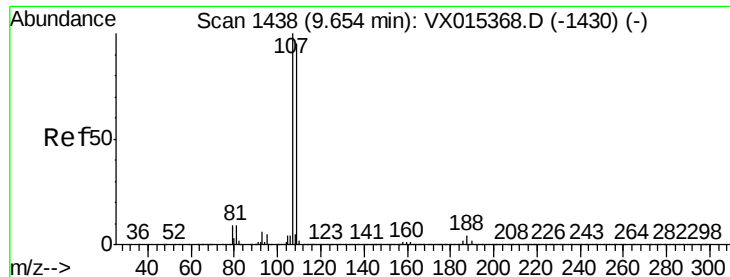
MMDadoda
4/14/2020 10:11:30 AM



#60
Dibromochloromethane
Concen: 56.306 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:129 Resp: 855075
Ion Ratio Lower Upper
129 100
127 76.0 38.2 114.6





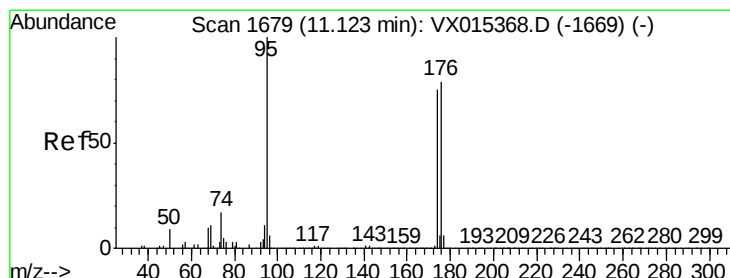
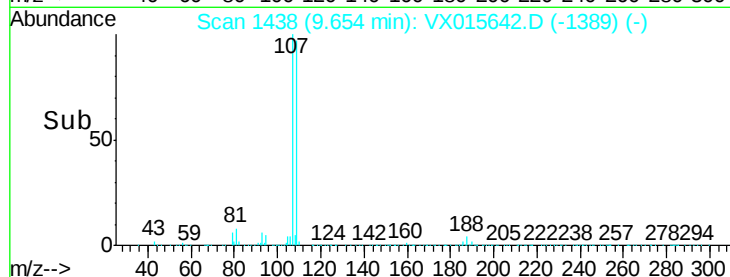
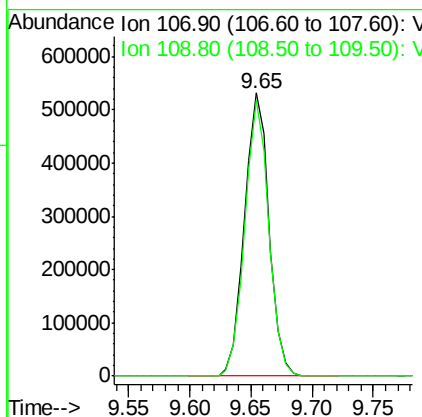
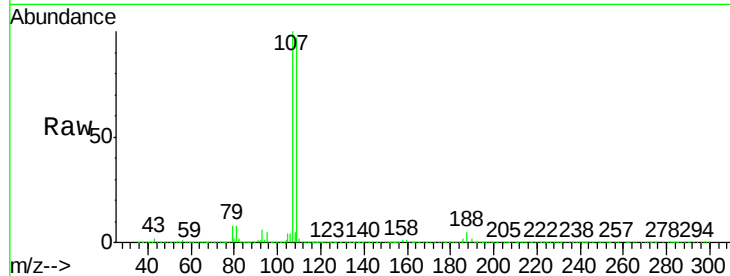
#61
 1,2-Dibromoethane
 Concen: 53.748 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	738586		
109	95.8	74.8	112.2	

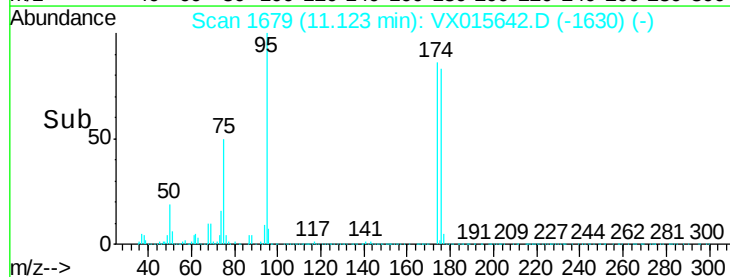
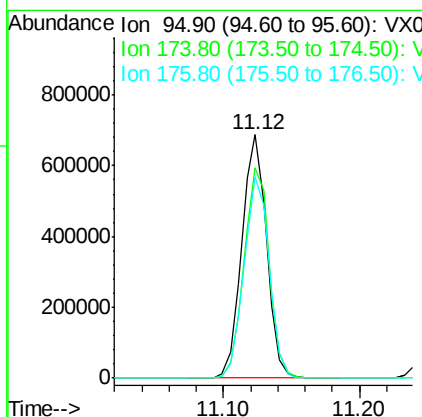
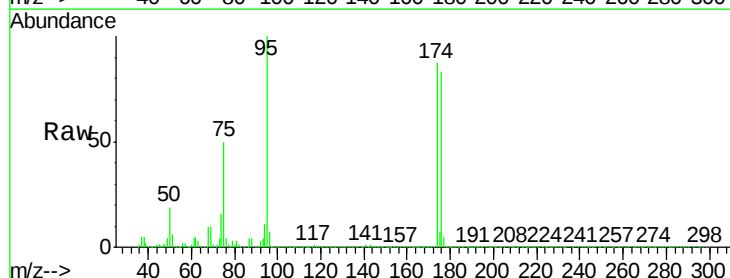
Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:11:30 AM



#62
 4-Bromofluorobenzene
 Concen: 49.012 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	868992		
174	88.6	0.0	158.6	
176	84.8	0.0	159.0	





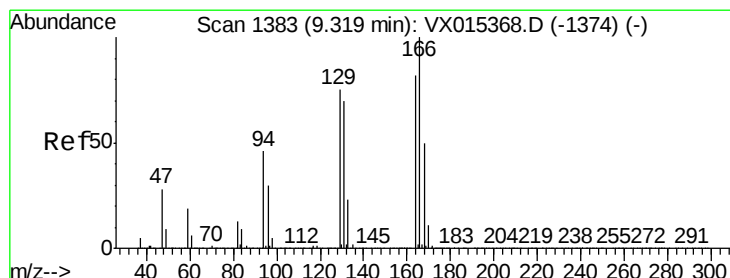
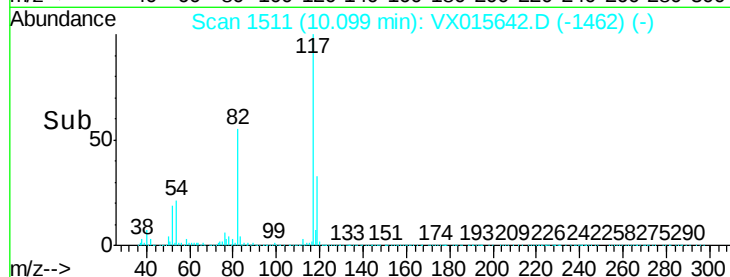
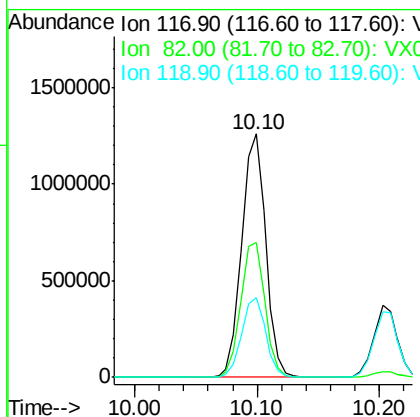
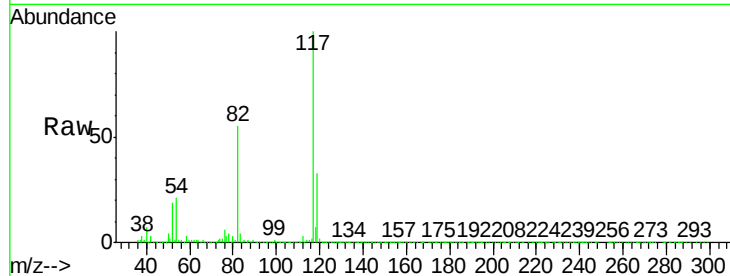
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	47.8	71.8
119	32.9	26.8	40.2

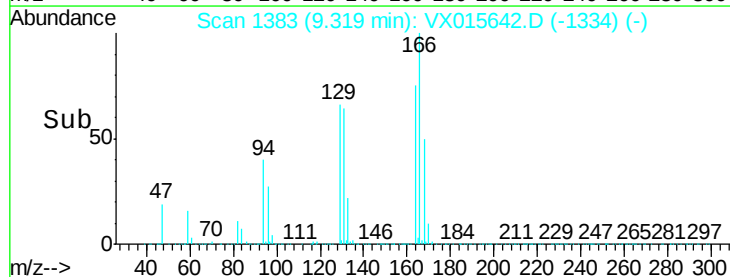
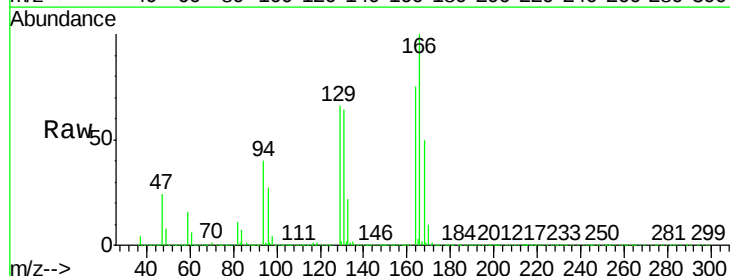
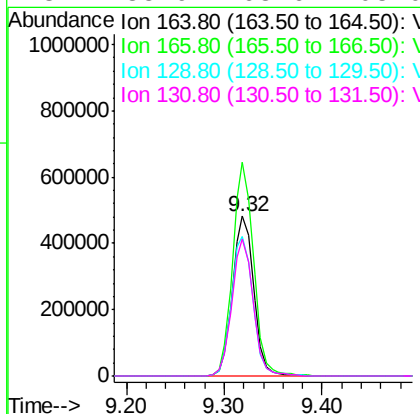
Manual Integrations
APPROVED

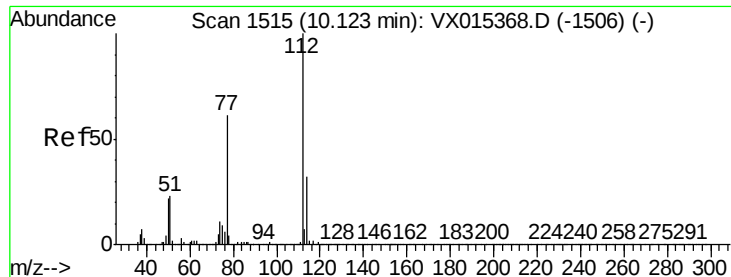
MMDadoda
4/14/2020 10:11:30 AM



#64
Tetrachloroethene
Concen: 56.496 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
164	100		
166	134.0	97.8	146.6
129	88.0	73.0	109.4
131	85.9	68.6	103.0





#65

Chlorobenzene

Concen: 55.985 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 1907933

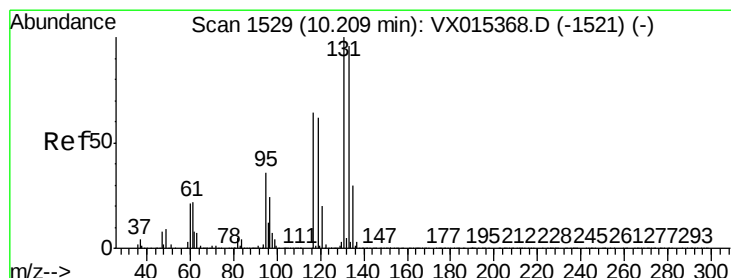
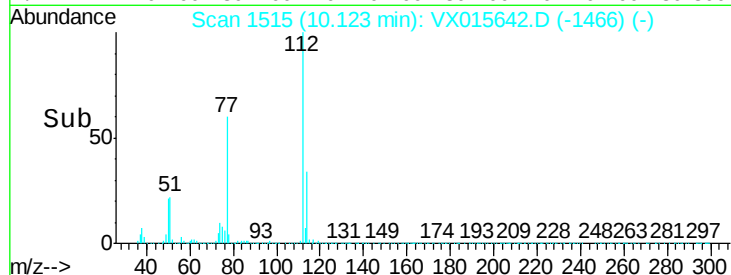
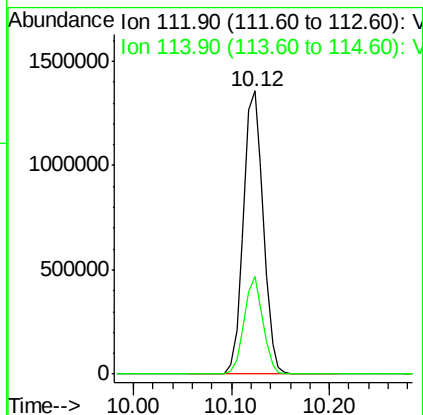
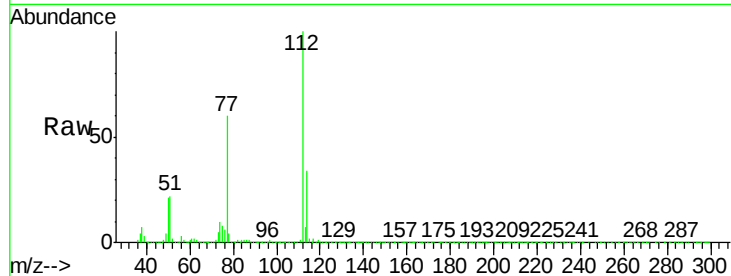
Ion Ratio Lower Upper

112 100

114 34.5 25.5 38.3

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 56.336 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

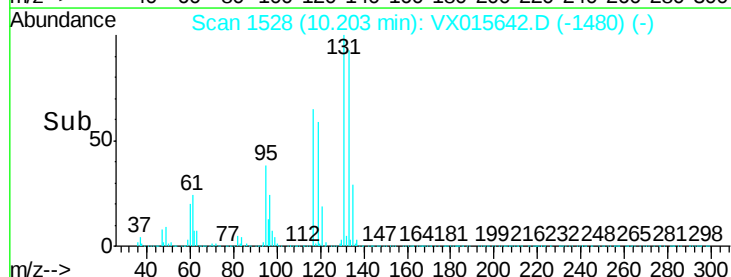
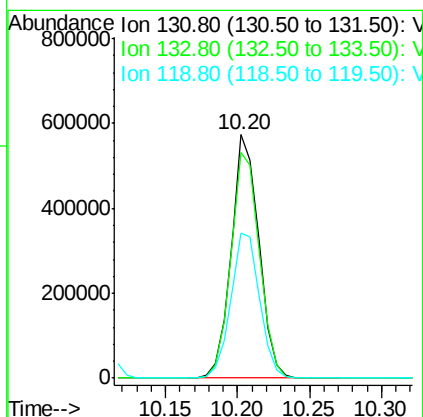
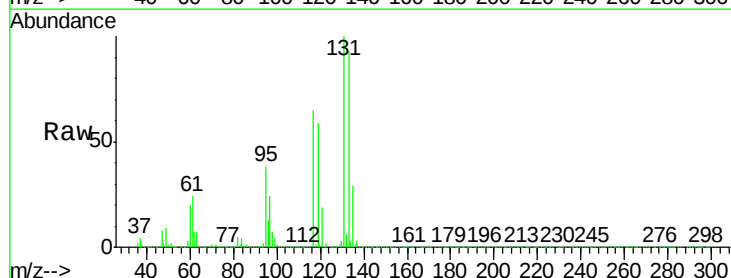
Tgt Ion:131 Resp: 767006

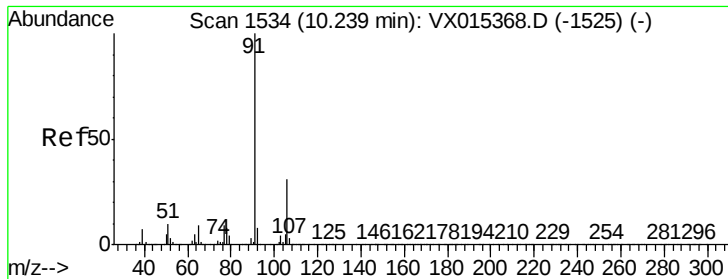
Ion Ratio Lower Upper

131 100

133 96.5 47.6 142.9

119 62.5 31.1 93.3





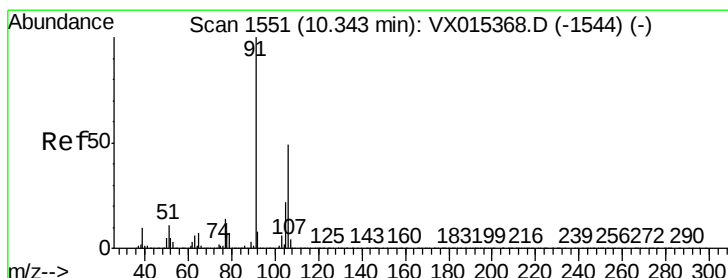
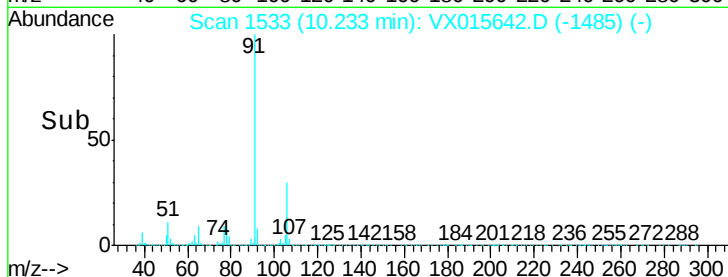
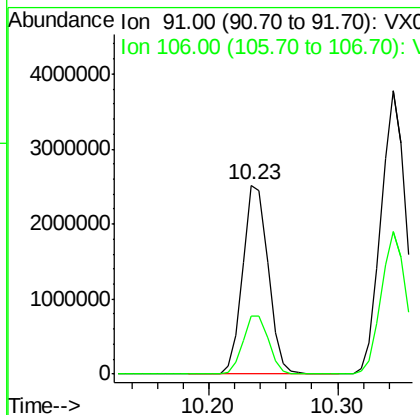
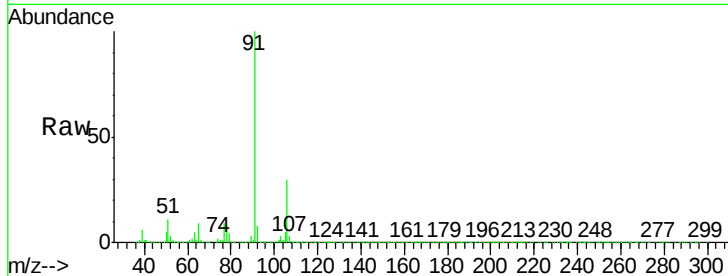
#67
Ethyl Benzene
Concen: 56.583 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 3420042
Ion Ratio Lower Upper
91 100
106 30.5 24.8 37.2

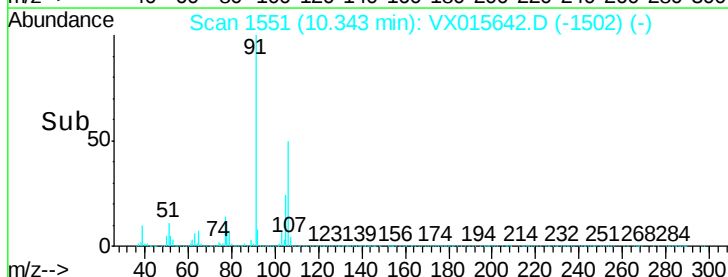
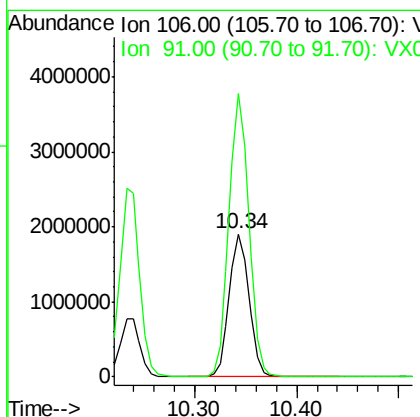
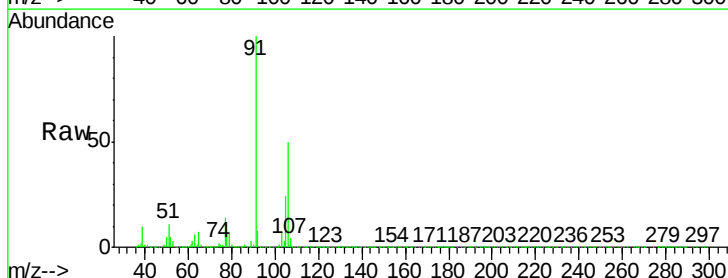
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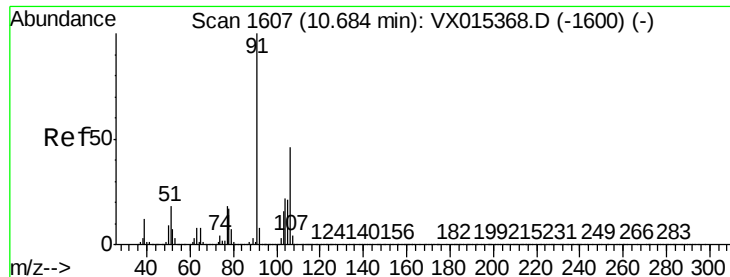
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#68
m/p-Xylenes
Concen: 113.973 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 106 Resp: 2565185
Ion Ratio Lower Upper
106 100
91 198.5 163.4 245.0





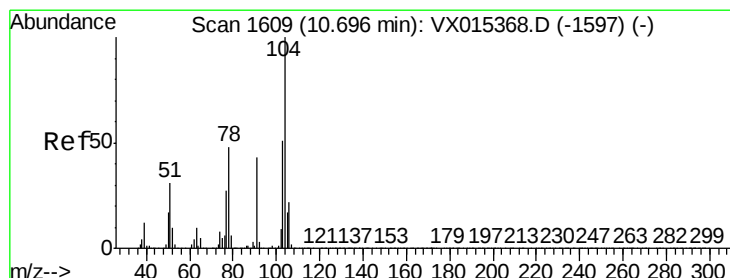
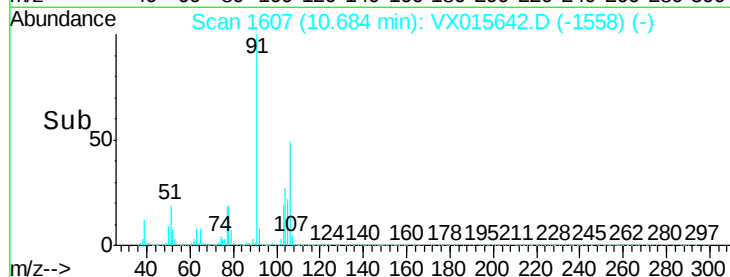
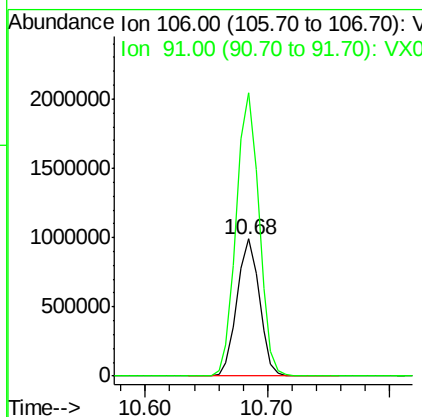
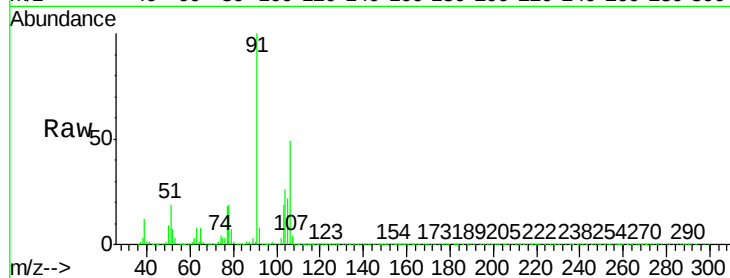
#69
o-Xylene
Concen: 56.467 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 1255854
Ion Ratio Lower Upper
106 100
91 209.6 107.1 321.3

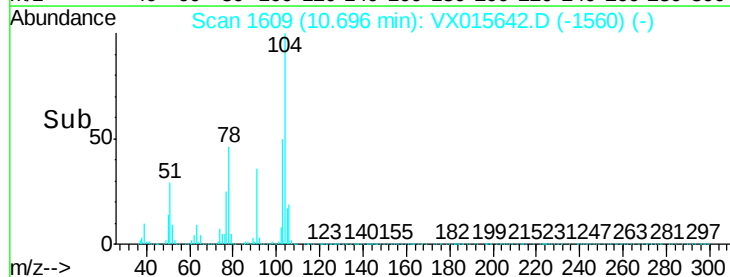
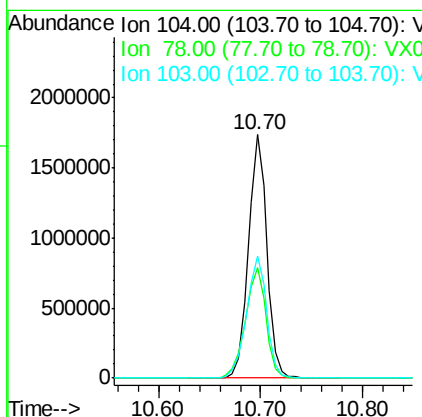
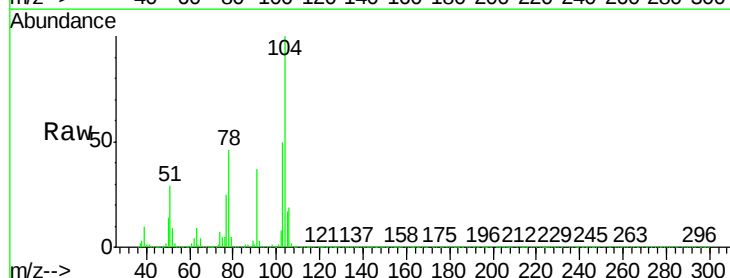
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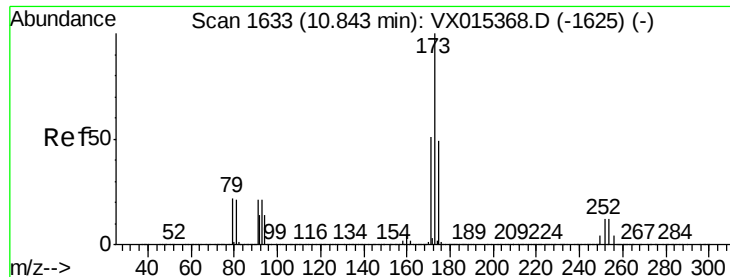
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#70
Styrene
Concen: 55.975 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion:104 Resp: 2190662
Ion Ratio Lower Upper
104 100
78 50.4 42.0 63.0
103 54.7 43.4 65.0





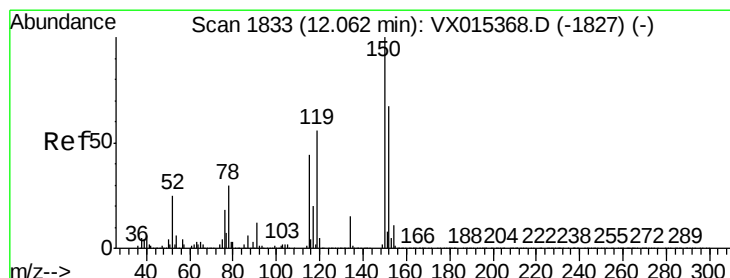
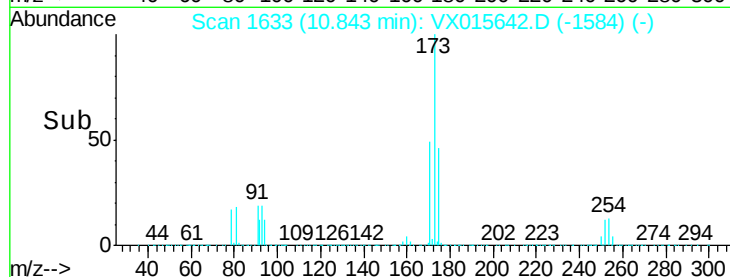
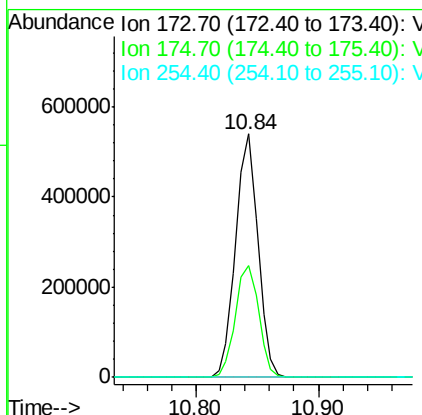
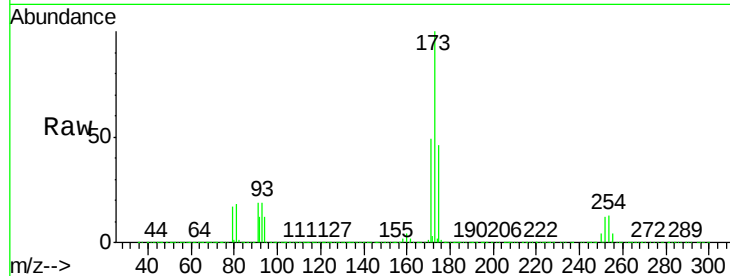
#71
Bromoform
Concen: 55.044 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	23.9	71.7
254	0.2	0.1	0.1#

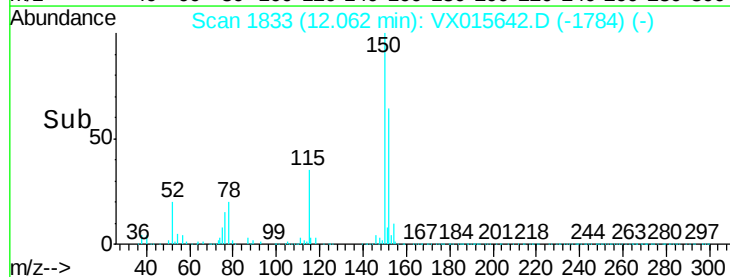
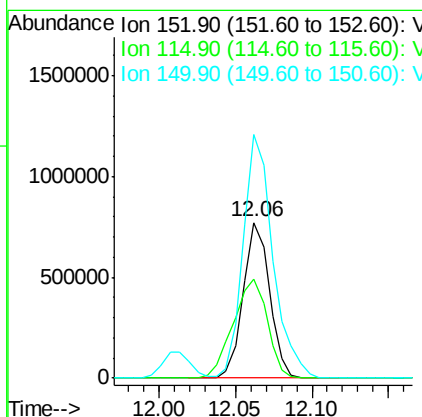
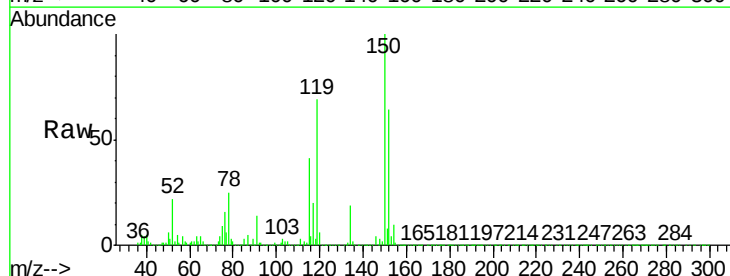
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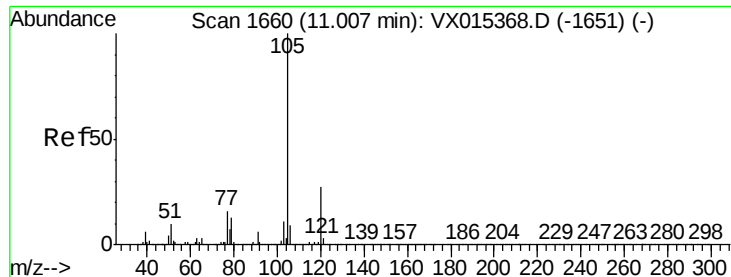
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.0	39.0	116.9
150	176.7	0.0	340.8





#73

Isopropylbenzene

Concen: 56.342 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 3406047

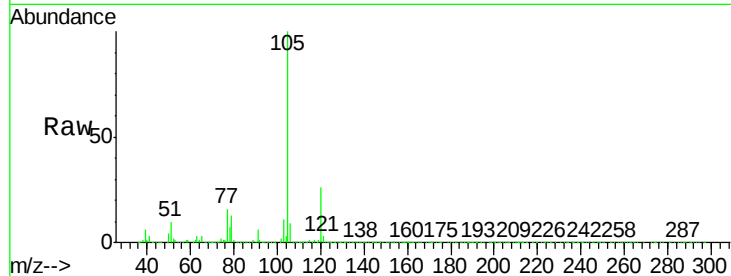
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

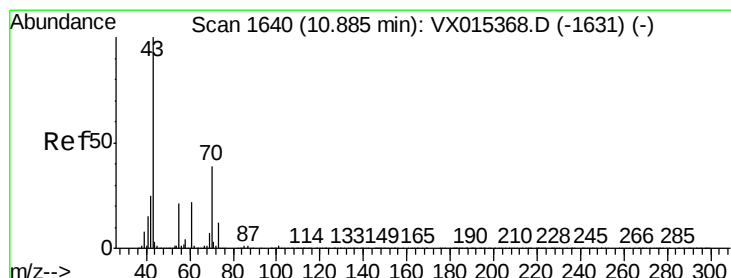
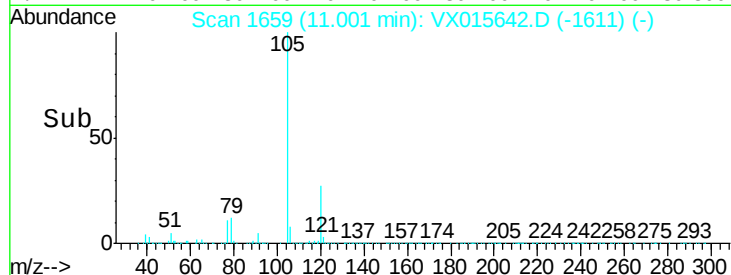
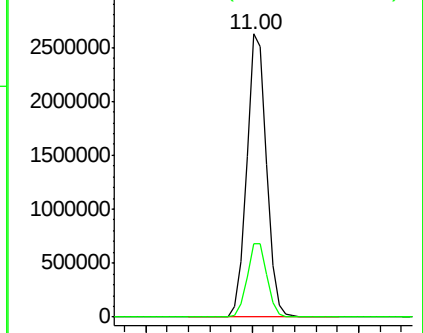
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.645 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion: 43 Resp: 1635580

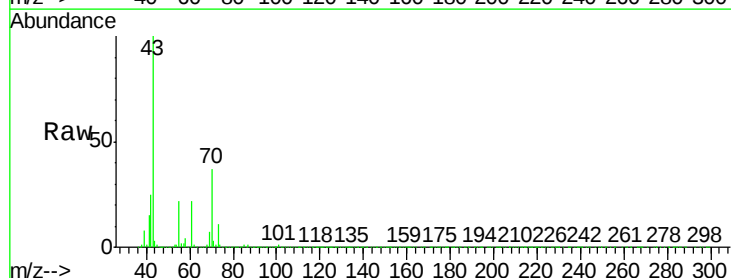
Ion Ratio Lower Upper

43 100

70 39.0 30.2 45.4

55 21.9 16.8 25.2

61 22.6 18.2 27.2

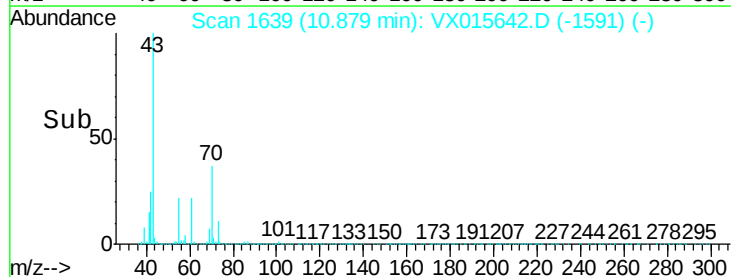
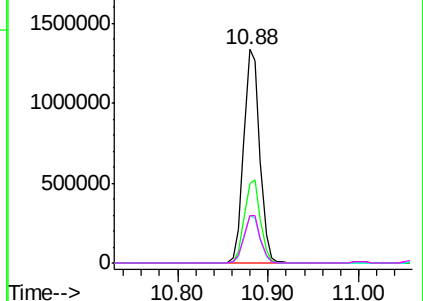


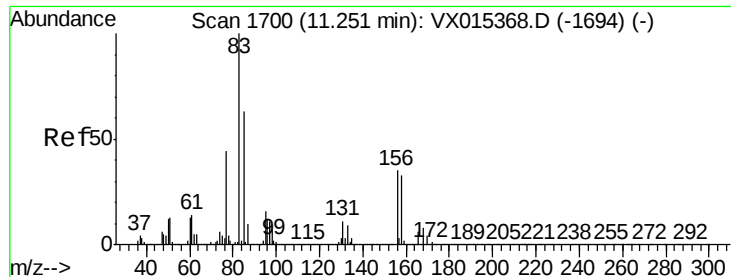
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.459 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 1046693

Ion Ratio Lower Upper

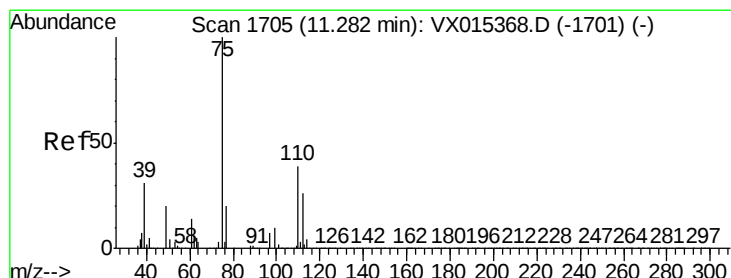
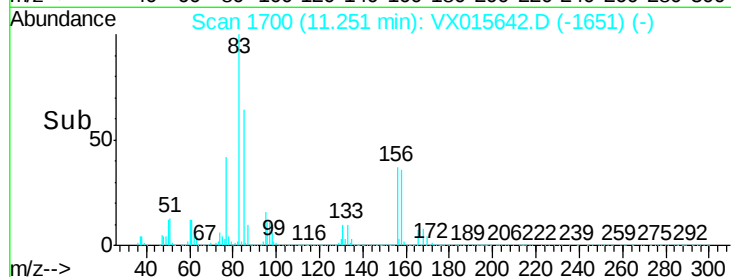
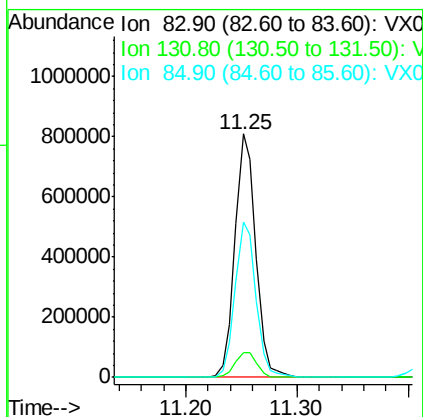
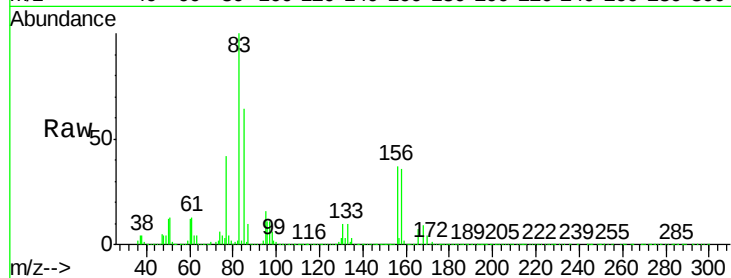
83 100

131 10.8 5.3 16.1

85 64.4 32.0 96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 51.151 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015642.D

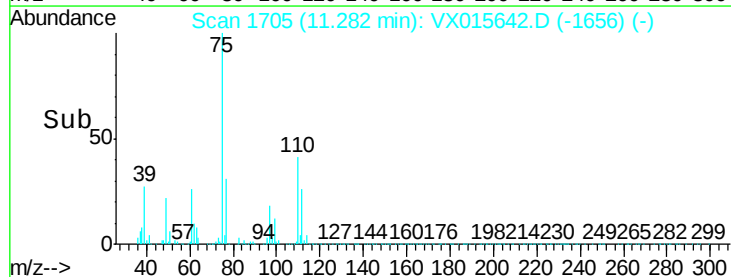
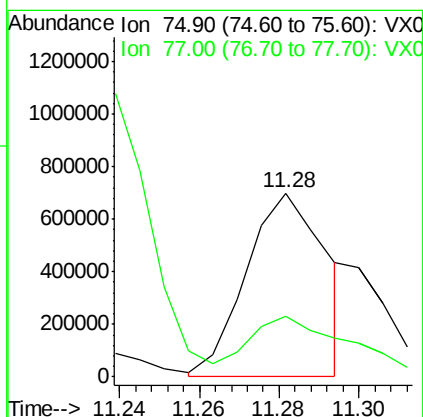
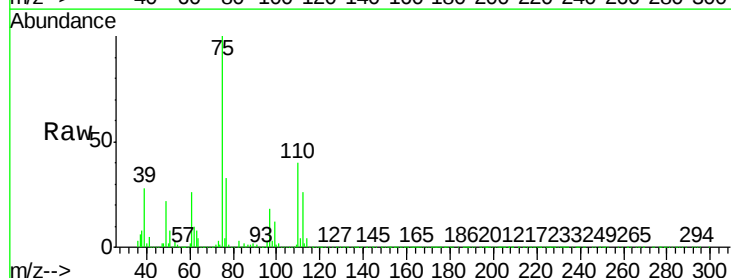
Acq: 13 Apr 2020 14:37

Tgt Ion: 75 Resp: 970491

Ion Ratio Lower Upper

75 100

77 41.7 21.2 63.6





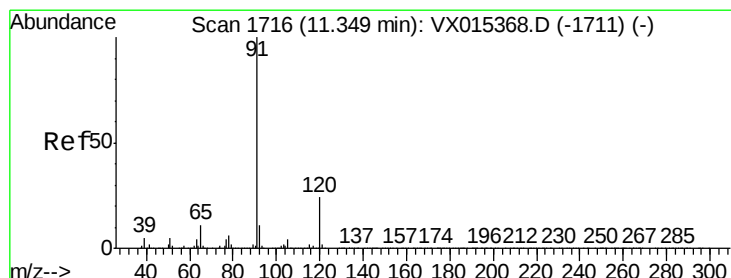
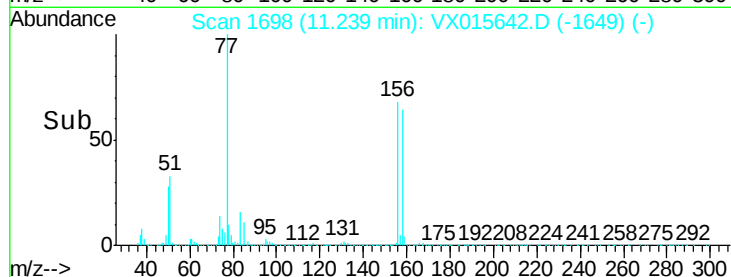
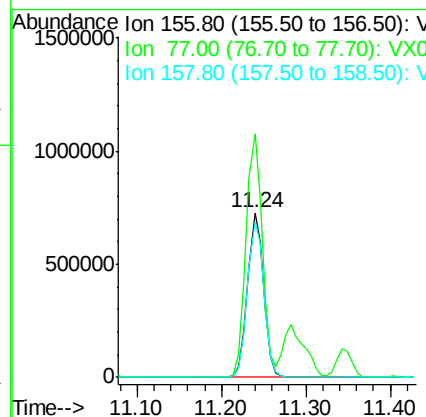
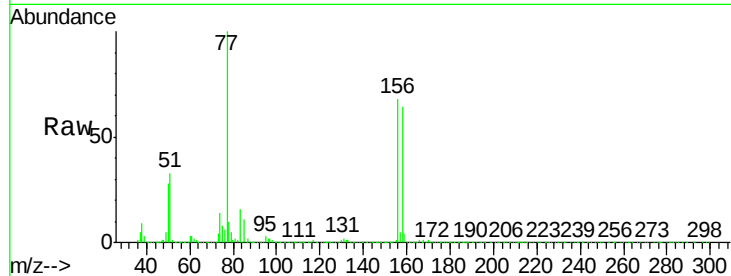
#77
Bromobenzene
Concen: 56.402 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	909487		
77	151.5	82.2	246.5	
158	97.4	49.3	147.9	

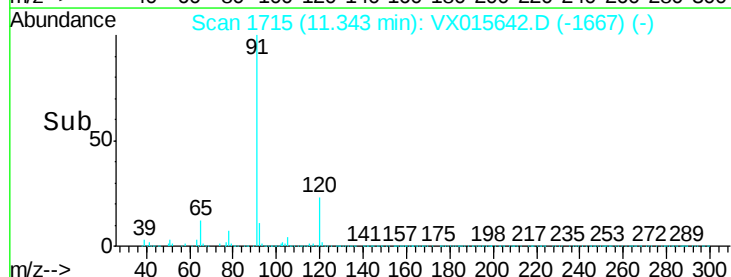
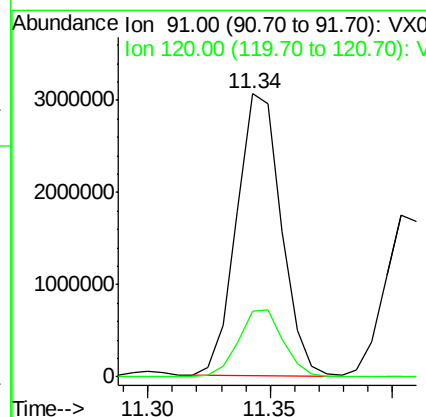
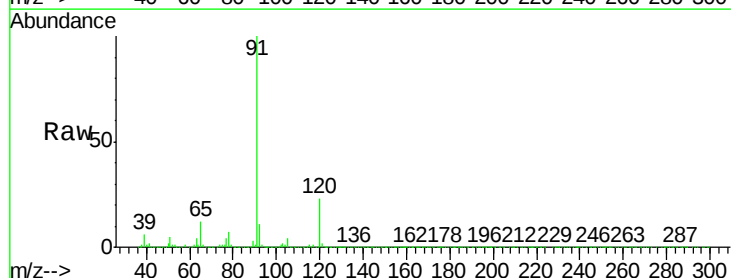
Manual Integrations
APPROVED

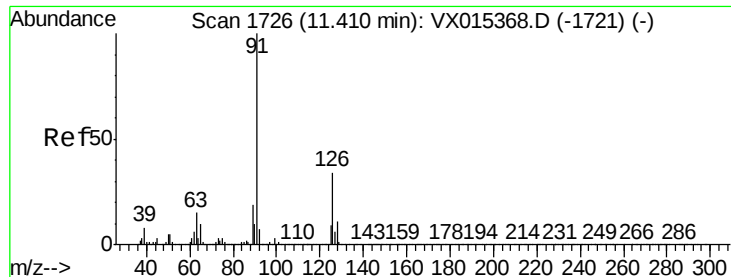
MMDadoda
4/14/2020 10:11:30 AM



#78
n-propylbenzene
Concen: 56.173 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	3882966		
120	23.8	11.7	35.0	





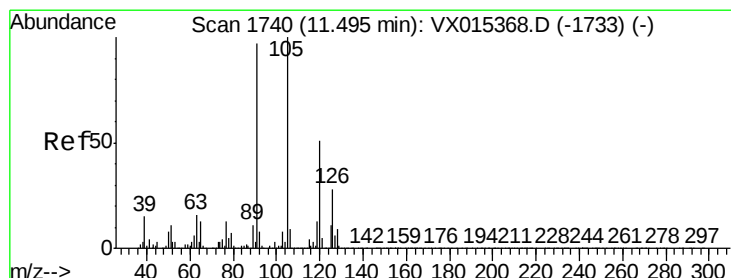
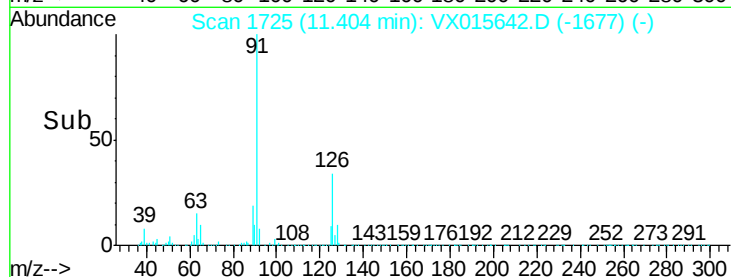
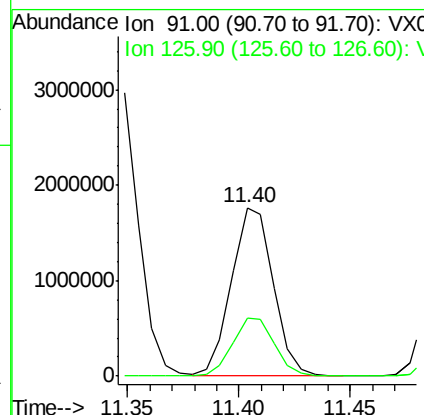
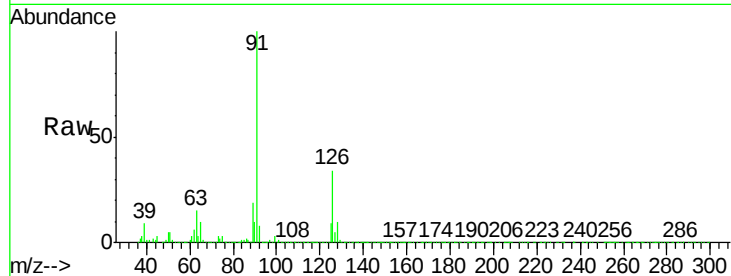
#79
2-Chlorotoluene
Concen: 53.969 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2286614
Ion Ratio Lower Upper
91 100
126 34.9 16.5 49.5

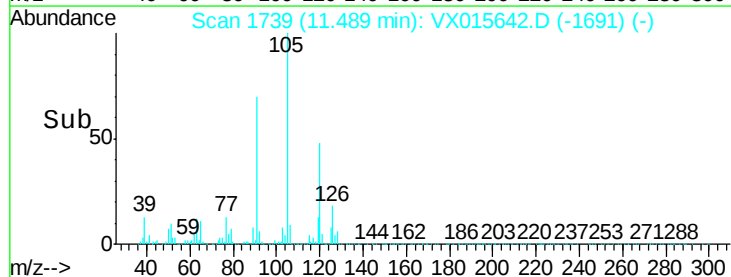
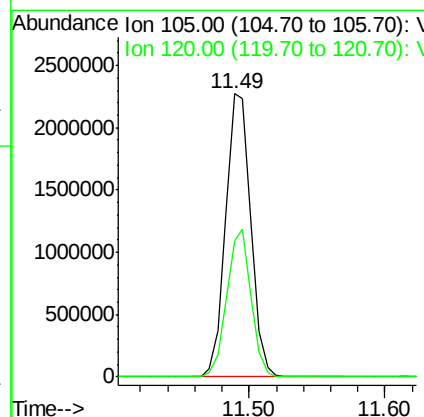
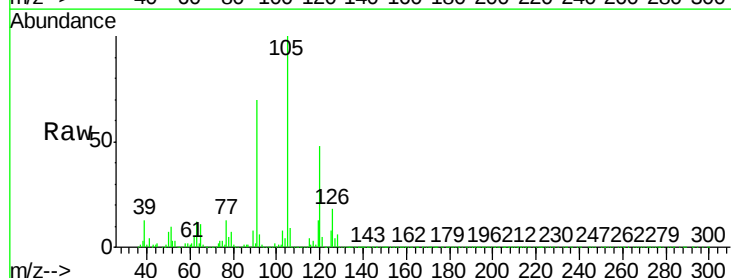
Manual Integrations
APPROVED

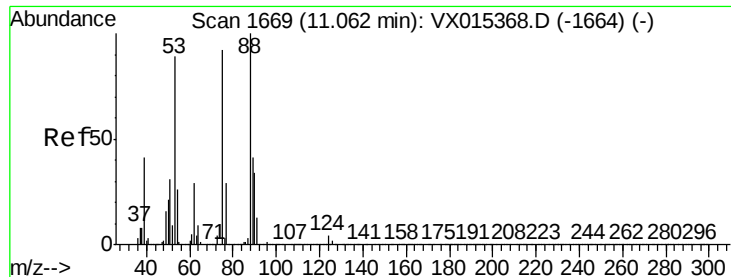
MMDadoda
4/14/2020 10:11:30 AM



#80
1,3,5-Trimethylbenzene
Concen: 56.066 ug/l
RT: 11.49 min Scan# 1739
Delta R.T. -0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion: 105 Resp: 2894597
Ion Ratio Lower Upper
105 100
120 49.9 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.289 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

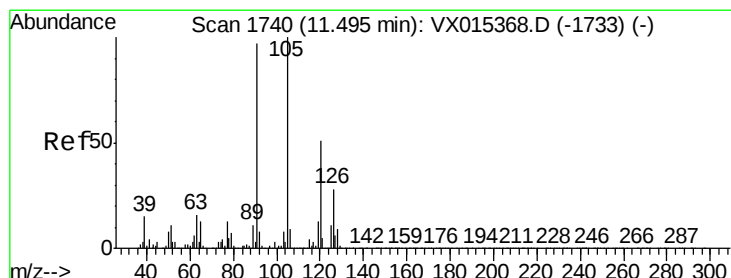
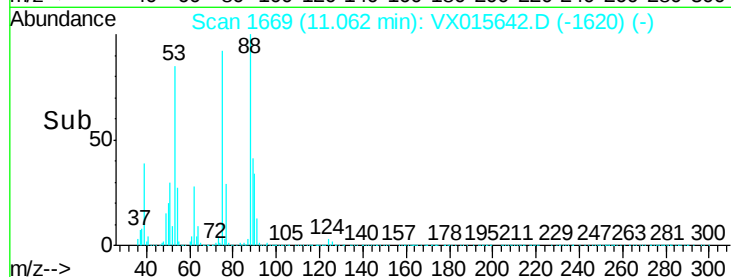
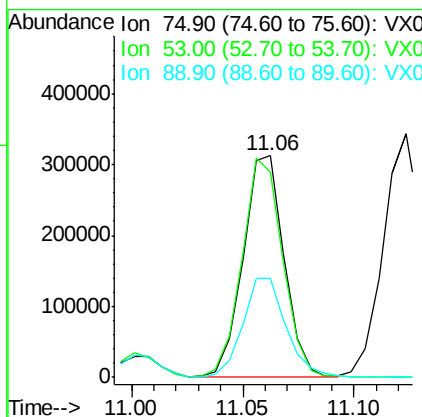
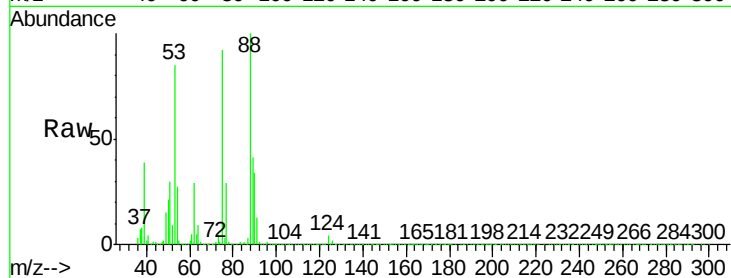
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	397649
Ion Ratio	Lower	Upper	
75	100		
53	99.1	80.1	120.1
89	48.1	36.1	54.1

Manual Integrations
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4/14/2020 10:11:30 AM



#82

4-Chlorotoluene

Concen: 54.816 ug/l

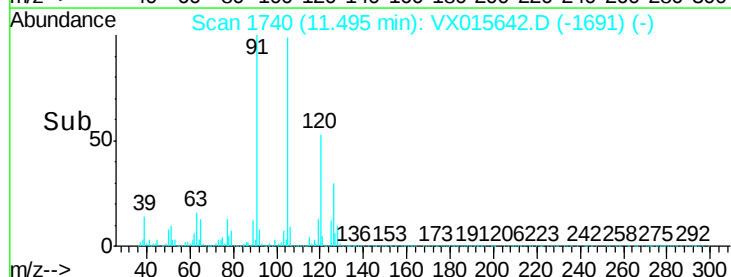
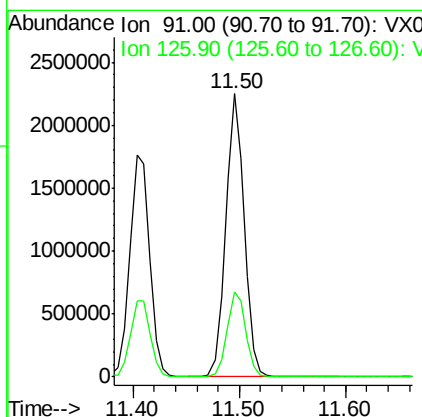
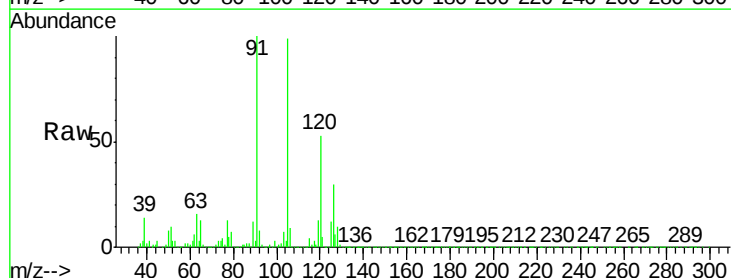
RT: 11.50 min Scan# 1740

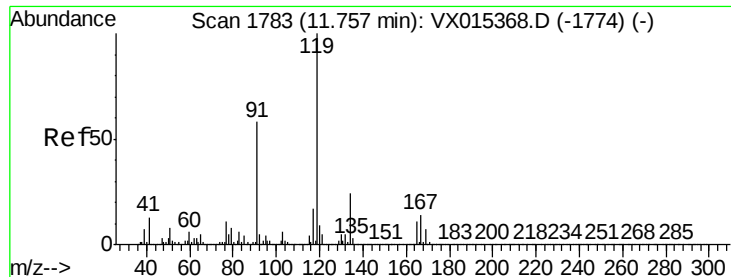
Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Tgt Ion:	91	Resp:	2722694
Ion Ratio	Lower	Upper	
91	100		
126	30.3	14.7	44.1





#83

tert-Butylbenzene

Concen: 57.083 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 2878690

Ion Ratio Lower Upper

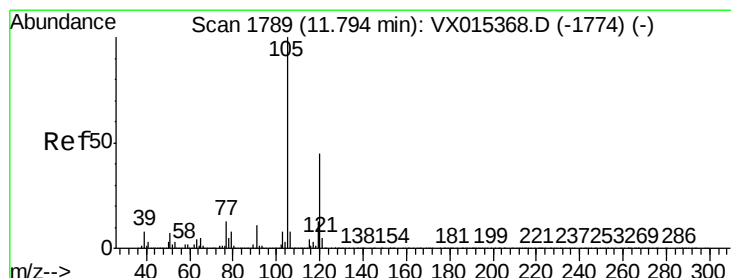
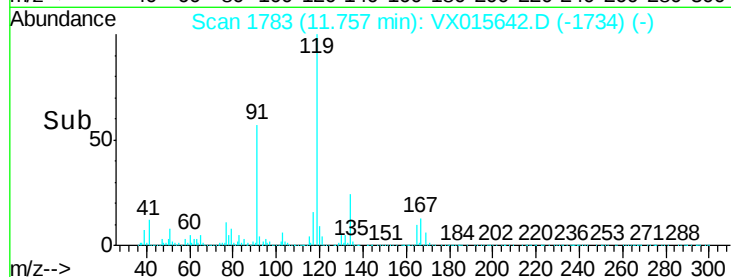
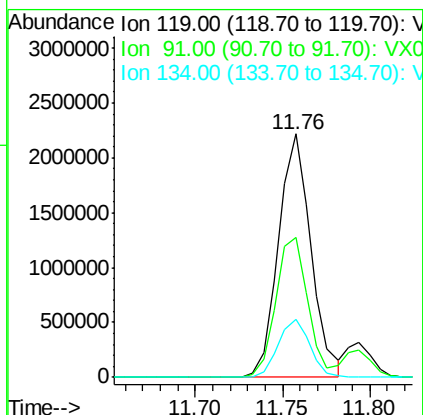
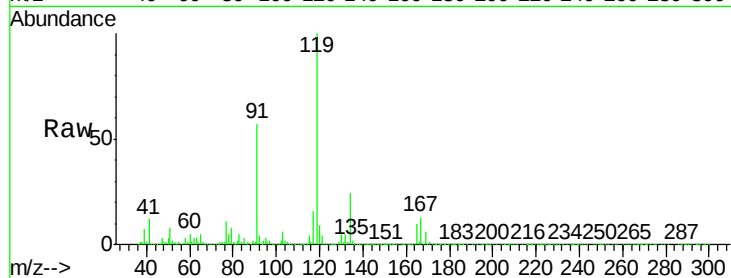
119 100

91 56.0 28.6 85.8

134 23.3 11.8 35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 56.221 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015642.D

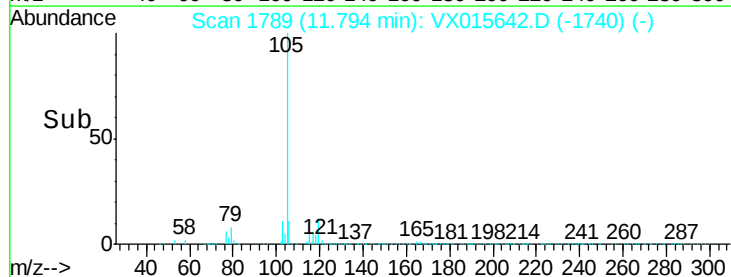
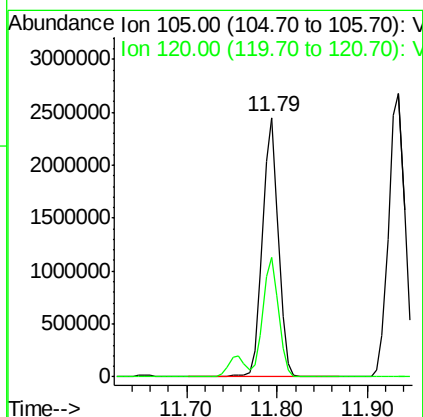
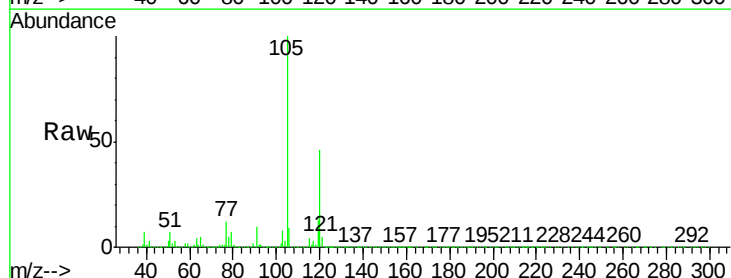
Acq: 13 Apr 2020 14:37

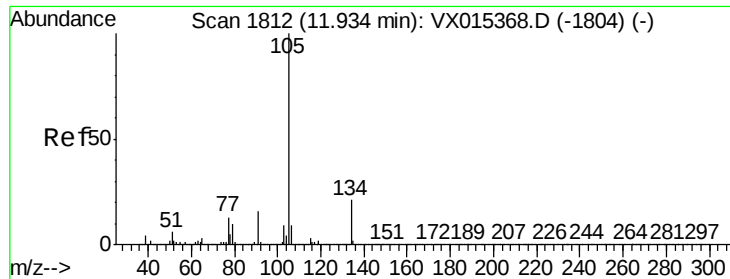
Tgt Ion:105 Resp: 2957891

Ion Ratio Lower Upper

105 100

120 45.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 57.455 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 3351012

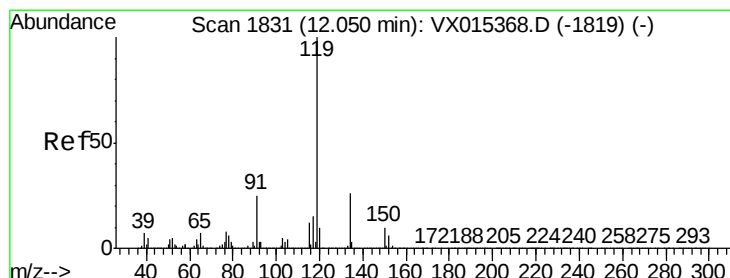
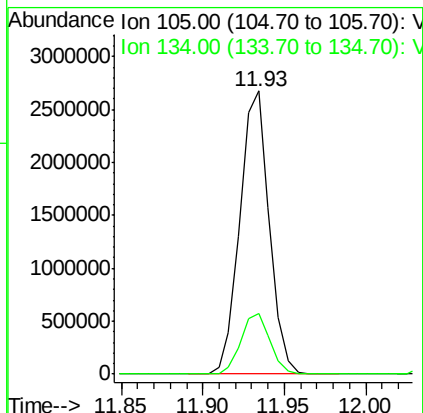
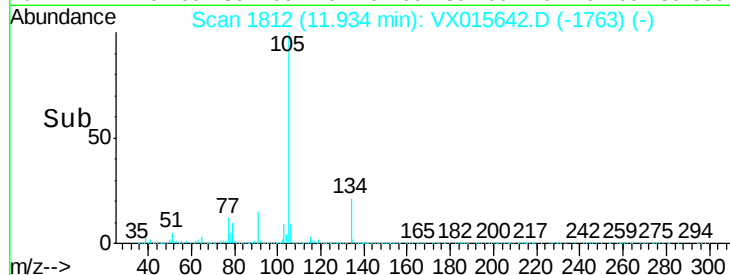
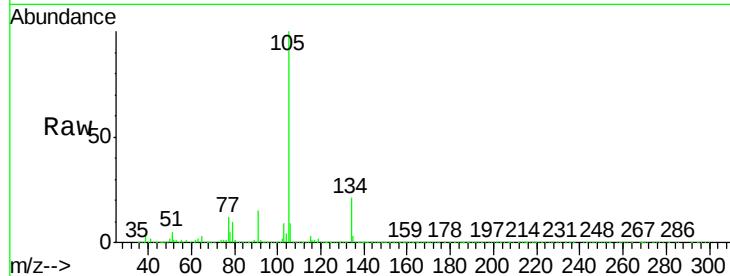
Ion Ratio Lower Upper

105 100

134 21.4 10.4 31.1

Manual Integrations
APPROVED

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#86

p-Isopropyltoluene

Concen: 59.325 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015642.D

Acq: 13 Apr 2020 14:37

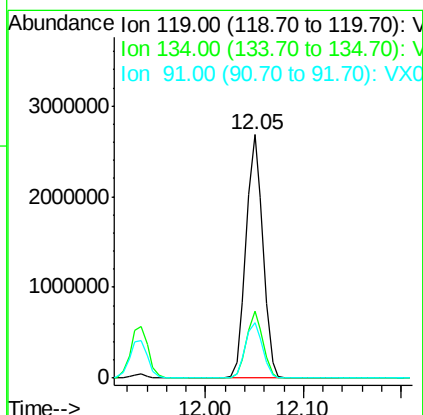
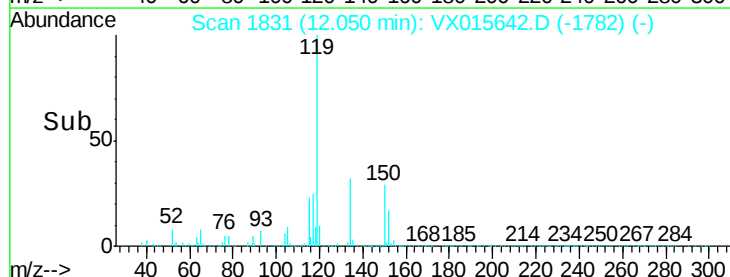
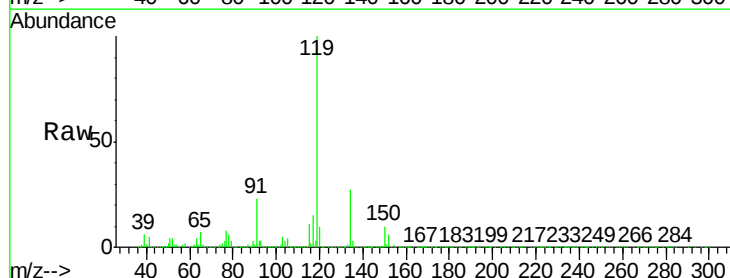
Tgt Ion:119 Resp: 3212164

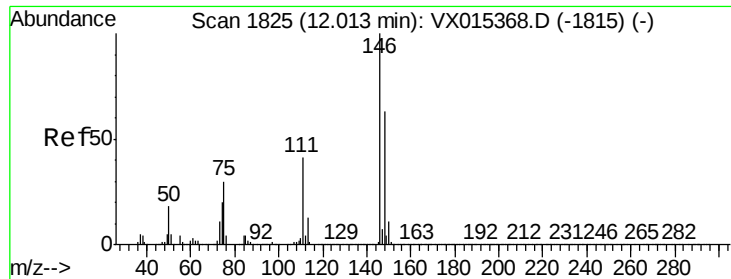
Ion Ratio Lower Upper

119 100

134 26.7 13.1 39.3

91 23.3 12.4 37.4





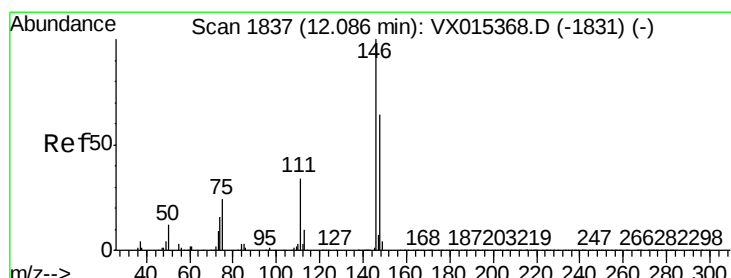
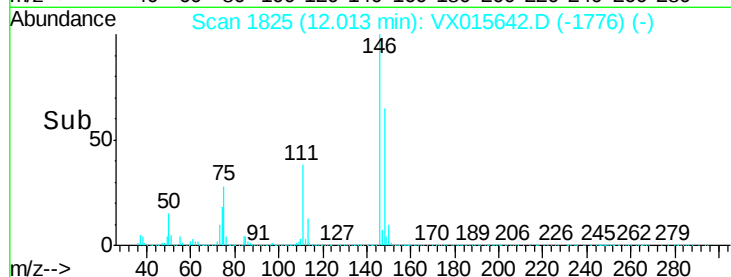
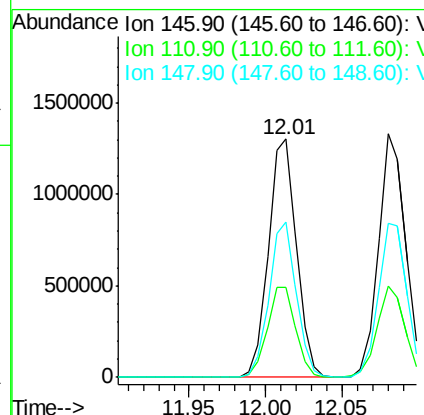
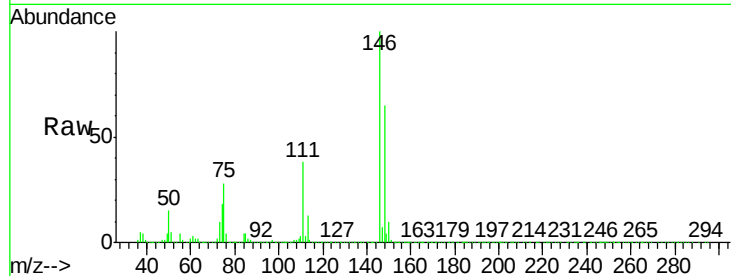
#87
 1,3-Dichlorobenzene
 Concen: 57.615 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.3	60.9
148	63.7	31.3	93.9

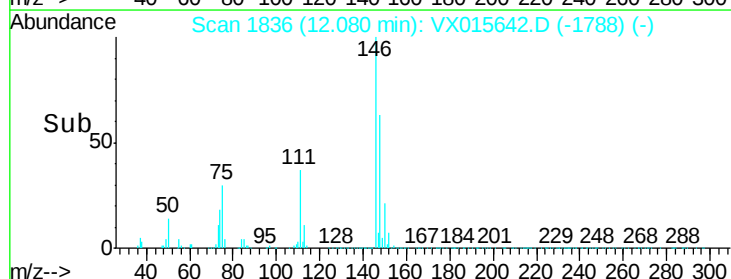
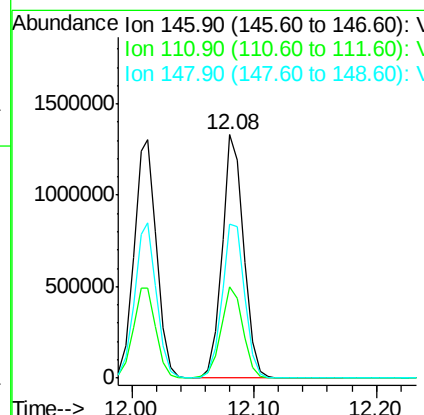
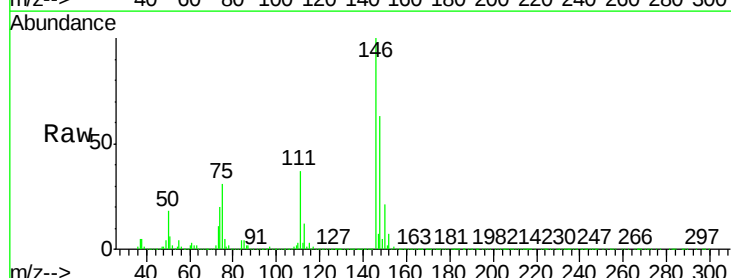
Manual Integrations
 APPROVED

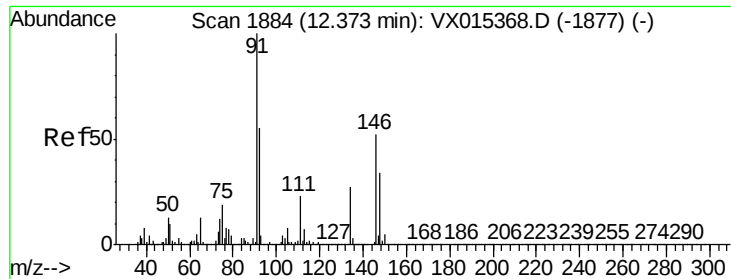
MMDadoda
 4/14/2020 10:11:30 AM



#88
 1,4-Dichlorobenzene
 Concen: 55.602 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	66.5	32.4	97.2





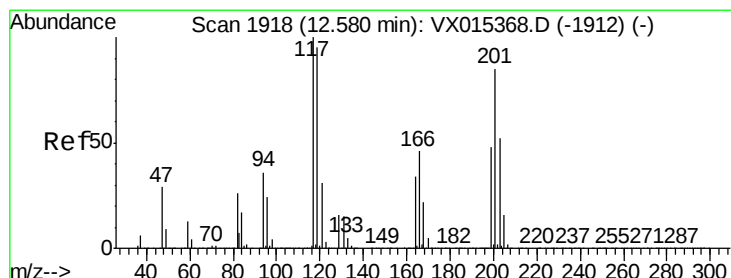
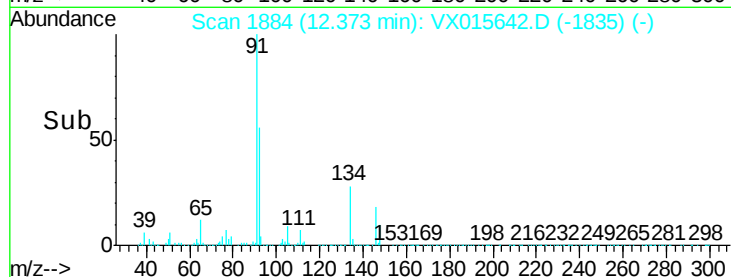
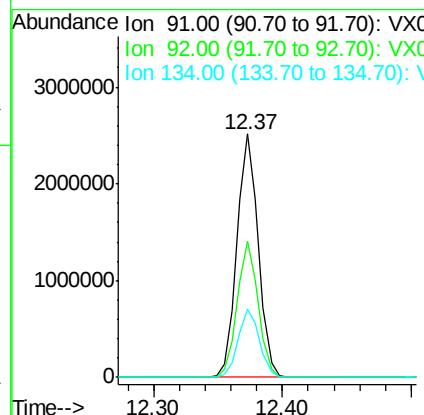
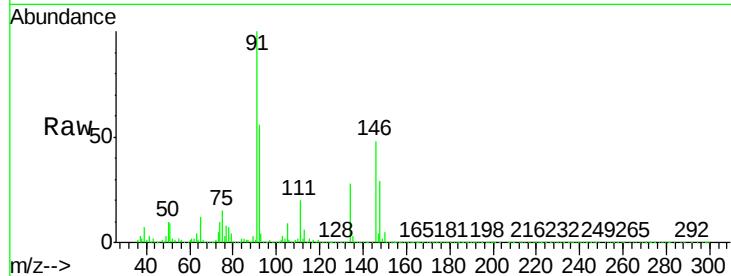
#89
n-Butylbenzene
Concen: 59.442 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.5
134	28.0	13.4	40.2

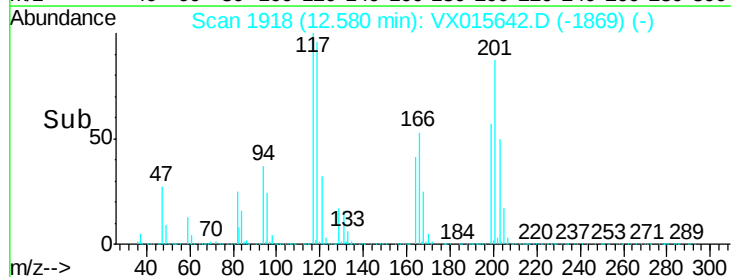
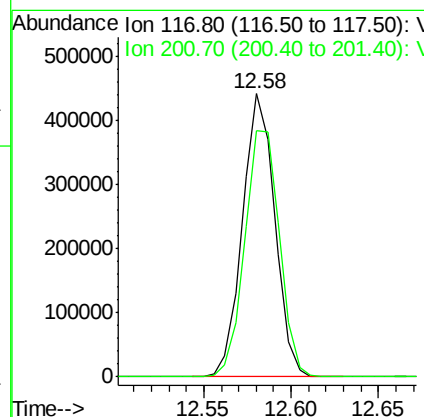
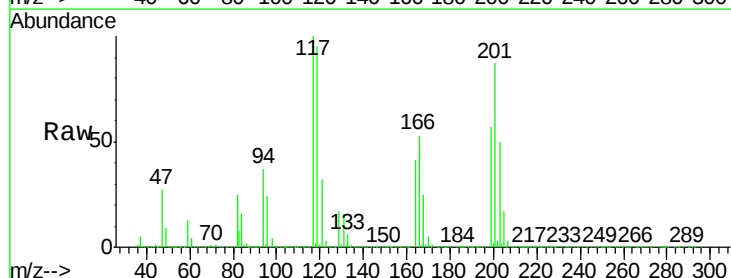
Manual Integrations
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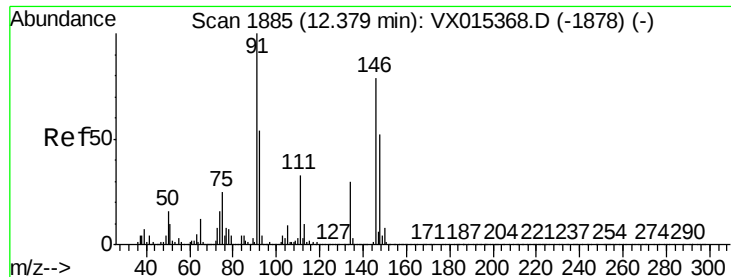
MMDadoda
4/14/2020 10:11:30 AM



#90
Hexachloroethane
Concen: 53.731 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.7	42.6	128.0





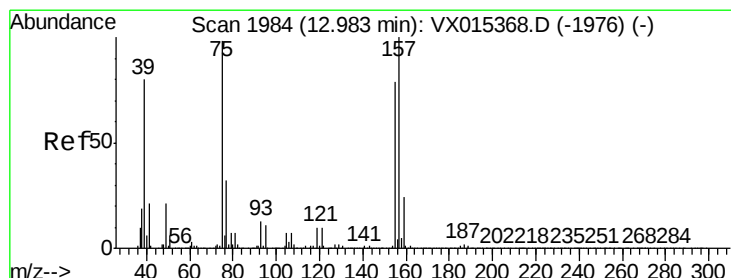
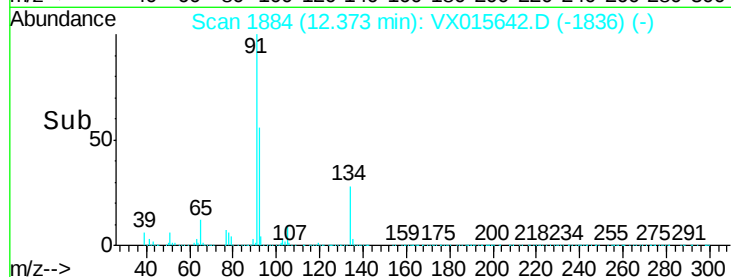
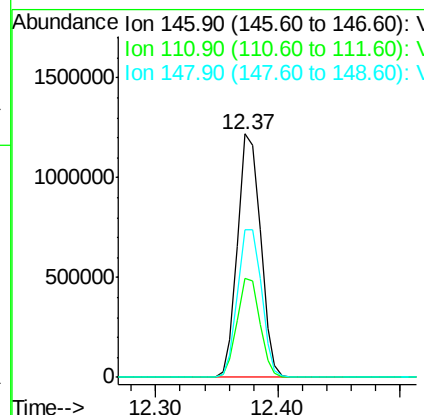
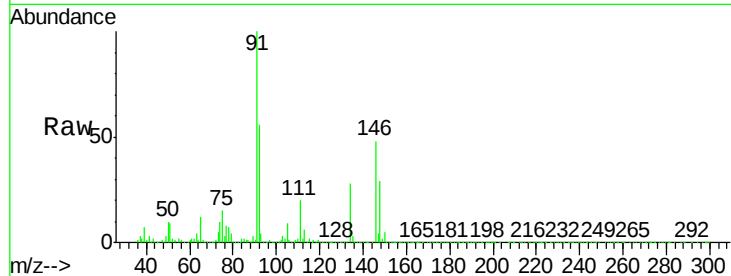
#91
 1,2-Dichlorobenzene
 Concen: 55.933 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.01 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	21.0	63.0
148	63.2	32.4	97.0

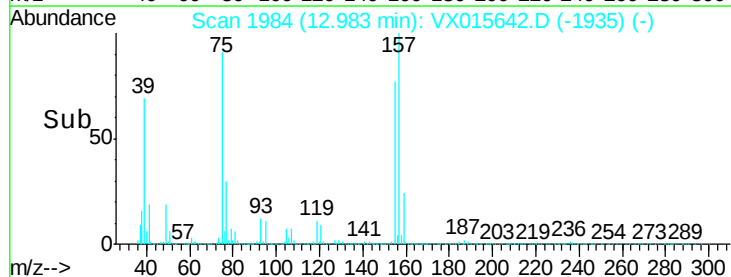
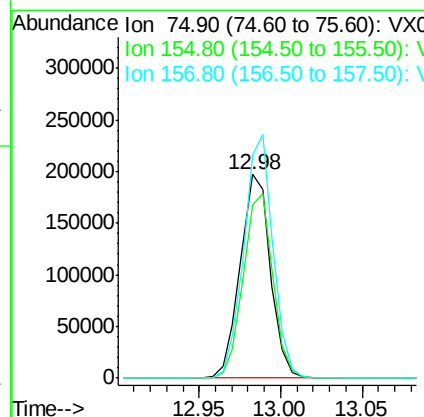
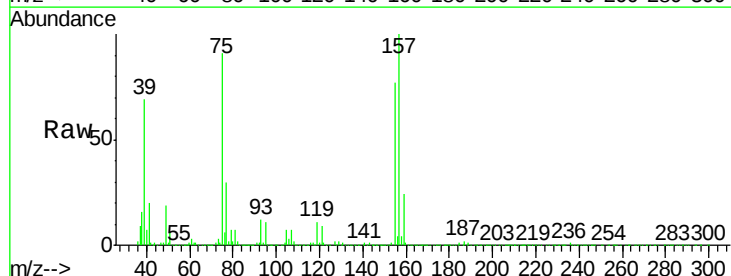
Manual Integrations
 APPROVED

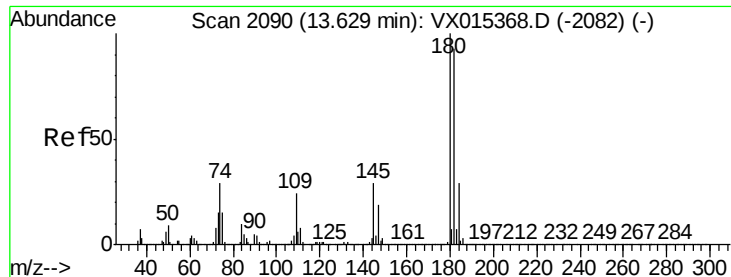
MMDadoda
 4/14/2020 10:11:30 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.161 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.8	42.8	128.4
157	116.4	53.4	160.3





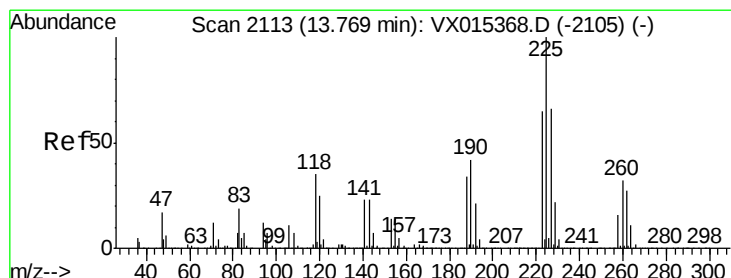
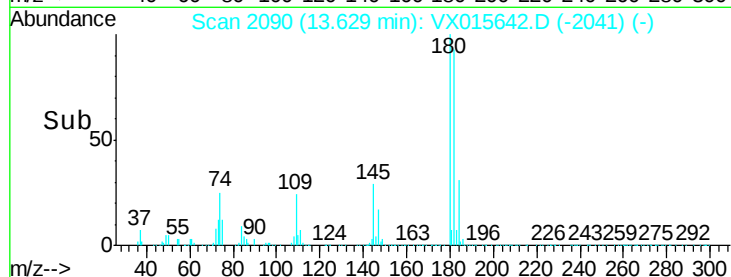
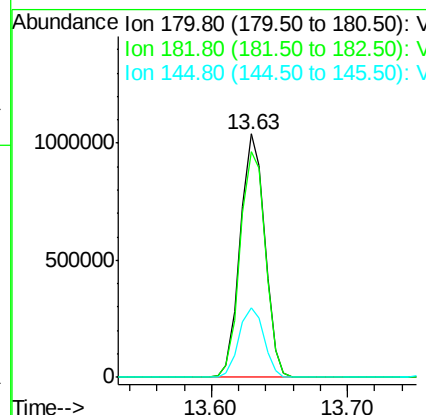
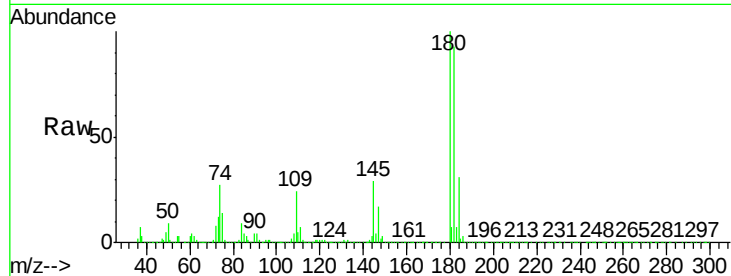
#93
 1,2,4-Trichlorobenzene
 Concen: 58.615 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.9	140.7
145	29.0	14.9	44.5

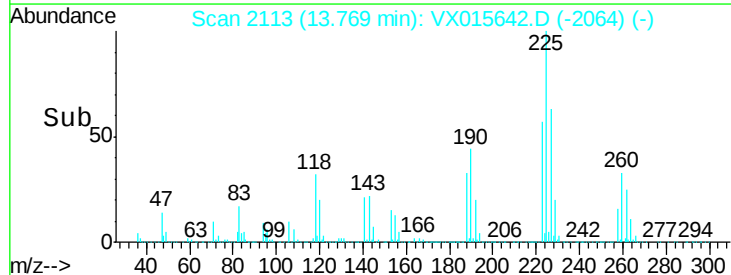
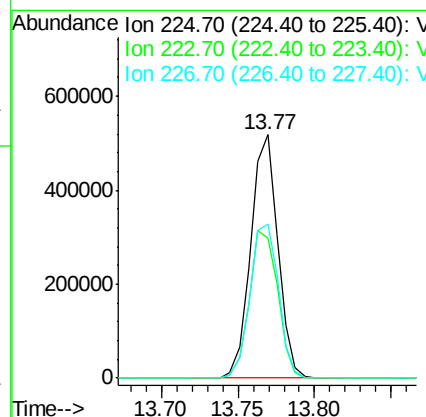
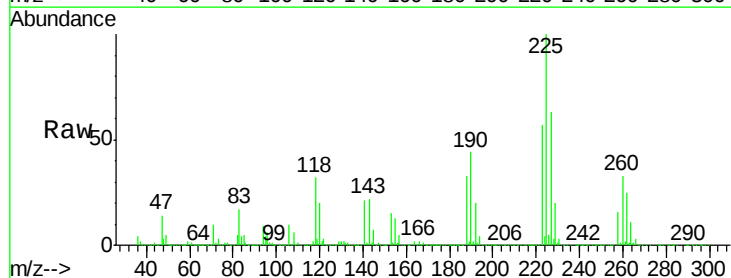
Manual Integrations
 APPROVED

MMDadoda
 4/14/2020 10:11:30 AM



#94
 Hexachlorobutadiene
 Concen: 59.573 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015642.D
 Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.9	95.7
227	66.7	30.4	91.3





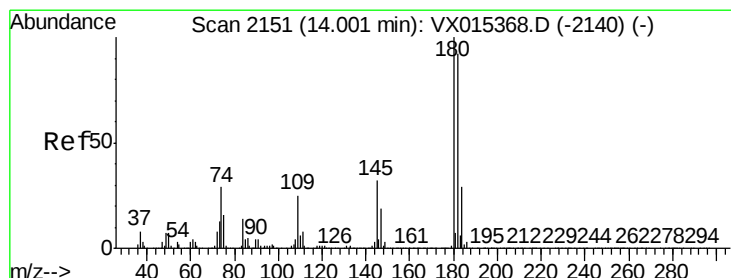
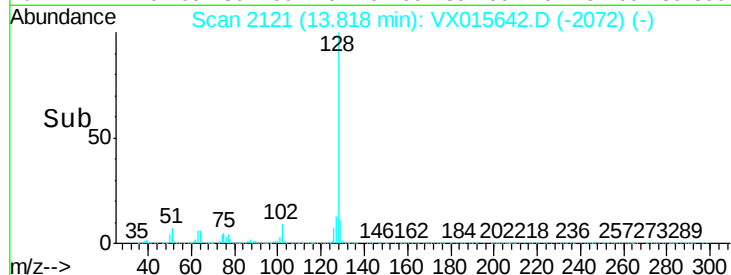
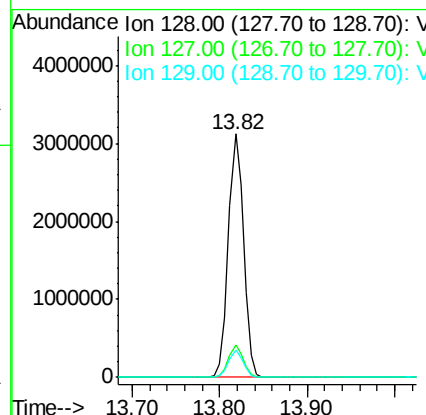
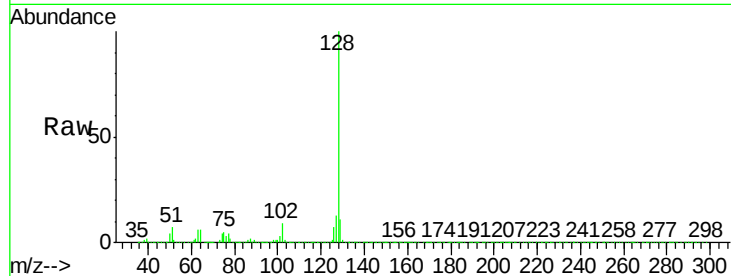
#95
Naphthalene
Concen: 54.682 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/14/2020 10:11:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 59.385 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015642.D
Acq: 13 Apr 2020 14:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	46.7	140.0
145	31.1	15.8	47.3

