

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015904.D
 Acq On : 23 Apr 2020 20:47
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:10 AM

Quant Time: Apr 24 07:50:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	794774	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1207069	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1156254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	588855	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	473150	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	5.47	113	367059	52.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.36%	
50) Toluene-d8	8.70	98	1451279	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	11.12	95	579302	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	407356	59.878	ug/l	100
3) Chloromethane	1.31	50	376952	54.102	ug/l	99
4) Vinyl Chloride	1.39	62	415736	51.550	ug/l	98
5) Bromomethane	1.62	94	159868	59.105	ug/l	95
6) Chloroethane	1.71	64	234789	51.089	ug/l	98
7) Trichlorofluoromethane	1.92	101	553092	55.276	ug/l	100
8) Diethyl Ether	2.17	74	198263	48.861	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	345321	50.875	ug/l	99
10) Methyl Iodide	2.49	142	415277	49.521	ug/l	99
11) Tert butyl alcohol	3.01	59	500276	270.872	ug/l	99
12) 1,1-Dichloroethene	2.36	96	357067	51.293	ug/l	98
13) Acrolein	2.27	56	285122	260.906	ug/l	100
14) Allyl chloride	2.71	41	750054	50.705	ug/l	99
15) Acrylonitrile	3.12	53	1153232	269.009	ug/l	99
16) Acetone	2.42	43	966322	245.510	ug/l	97
17) Carbon Disulfide	2.55	76	906636	35.864	ug/l	99
18) Methyl Acetate	2.75	43	667434	51.365	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	1332615	54.226	ug/l	99
20) Methylene Chloride	2.84	84	411239	51.467	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	399671	51.746	ug/l	96
22) Diisopropyl ether	3.83	45	1425323	53.459	ug/l	94
23) Vinyl Acetate	3.79	43	5910605	267.853	ug/l	100
24) 1,1-Dichloroethane	3.67	63	747427	53.785	ug/l	100
25) 2-Butanone	4.64	43	1642243	263.976	ug/l	98
26) 2,2-Dichloropropane	4.56	77	568547	45.800	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	468999	53.486	ug/l	98
28) Bromochloromethane	4.99	49	358098	49.110	ug/l #	99
29) Tetrahydrofuran	5.09	42	1083336	263.272	ug/l	100
30) Chloroform	5.18	83	737044	52.715	ug/l	99
31) Cyclohexane	5.56	56	702464	53.190	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	662458	53.140	ug/l	98
36) 1,1-Dichloropropene	5.77	75	566386	52.929	ug/l	100
37) Ethyl Acetate	4.79	43	660413	51.856	ug/l	98
38) Carbon Tetrachloride	5.76	117	591127	56.081	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	676133	49.895	ug/l	98
40) Benzene	6.12	78	1683171	52.225	ug/l	97
41) Methacrylonitrile	5.01	41	382970	54.117	ug/l	98
42) 1,2-Dichloroethane	6.17	62	614545	52.952	ug/l	99
43) Isopropyl Acetate	6.42	43	1119830	52.127	ug/l	99
44) Trichloroethene	7.19	130	576291	50.880	ug/l	99
45) 1,2-Dichloropropane	7.50	63	453604	53.705	ug/l	98
46) Dibromomethane	7.64	93	299715	48.610	ug/l	98
47) Bromodichloromethane	7.87	83	602690	54.946	ug/l	99
48) Methyl methacrylate	7.75	41	564018	53.374	ug/l	99
49) 1,4-Dioxane	7.72	88	211508	1059.079	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	3300076	266.136	ug/l	100
52) Toluene	8.76	92	1083935	52.469	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	710819	52.229	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	755165	52.500	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	439119	54.436	ug/l	97
56) Ethyl methacrylate	9.16	69	726669	53.183	ug/l	100
57) 1,3-Dichloropropane	9.36	76	747951	53.358	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1817804	266.314	ug/l	98
59) 2-Hexanone	9.47	43	2496312	264.261	ug/l	99
60) Dibromochloromethane	9.57	129	494413	59.350	ug/l	96
61) 1,2-Dibromoethane	9.65	107	469175	52.625	ug/l	100
64) Tetrachloroethene	9.32	164	716150	45.951	ug/l	98
65) Chlorobenzene	10.12	112	1182494	51.143	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	459435	53.159	ug/l	98
67) Ethyl Benzene	10.24	91	2097038	51.647	ug/l	100
68) m/p-Xylenes	10.34	106	1590316	104.349	ug/l	100
69) o-Xylene	10.68	106	775857	51.733	ug/l	99
70) Styrene	10.70	104	1367358	52.655	ug/l	100
71) Bromoform	10.84	173	376953	66.932	ug/l	97
73) Isopropylbenzene	11.00	105	2086633	55.795	ug/l	100
74) N-amyl acetate	10.88	43	1038884	53.809	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	468377	59.178	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	613432m	54.783	ug/l	
77) Bromobenzene	11.24	156	570100	55.791	ug/l	99
78) n-propylbenzene	11.34	91	2388020	55.741	ug/l	100
79) 2-Chlorotoluene	11.40	91	1418801	55.133	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1755036	55.036	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	235885	50.674	ug/l	98
82) 4-Chlorotoluene	11.49	91	1678867	54.901	ug/l	100
83) tert-Butylbenzene	11.76	119	1567462	55.414	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1820064	54.976	ug/l	100
85) sec-Butylbenzene	11.93	105	2036831	54.624	ug/l	100
86) p-Isopropyltoluene	12.05	119	1934070	55.470	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	991986	52.885	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	1019305	54.286	ug/l	95
89) n-Butylbenzene	12.37	91	1660454	53.264	ug/l	99
90) Hexachloroethane	12.58	117	305673	82.987	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	964434	54.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	141320	60.209	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	721437	51.467	ug/l	97
94) Hexachlorobutadiene	13.77	225	325763	51.833	ug/l	98
95) Naphthalene	13.82	128	2149611	53.302	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	715886	52.347	ug/l	98

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

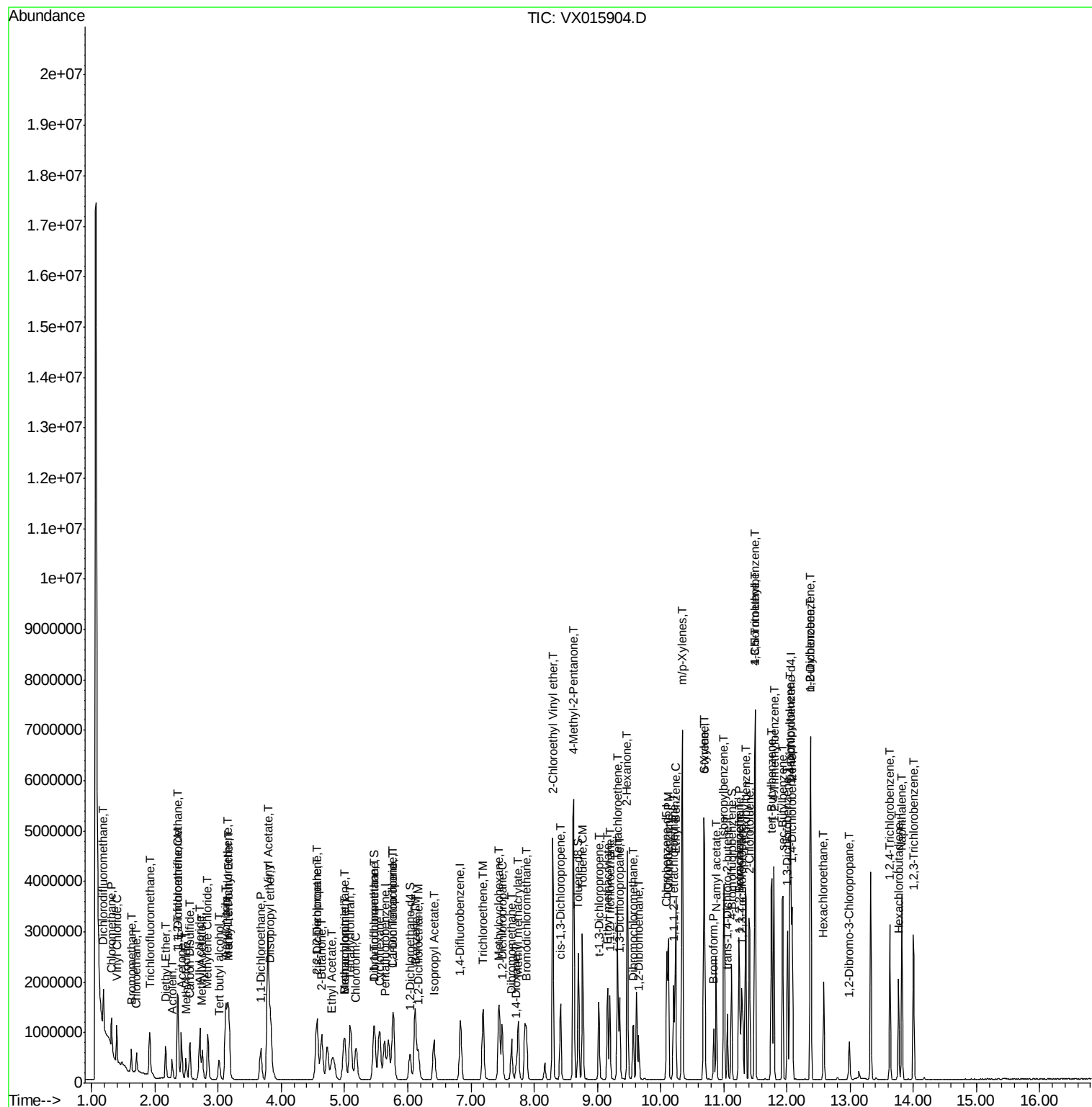
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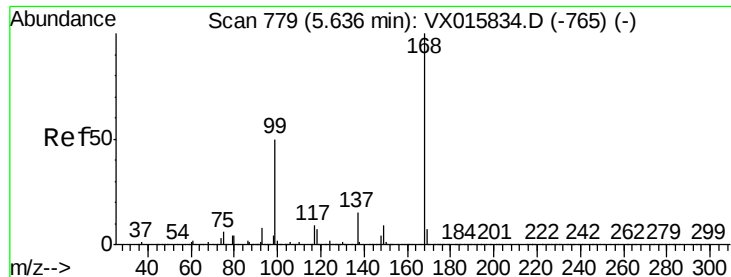
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 794774

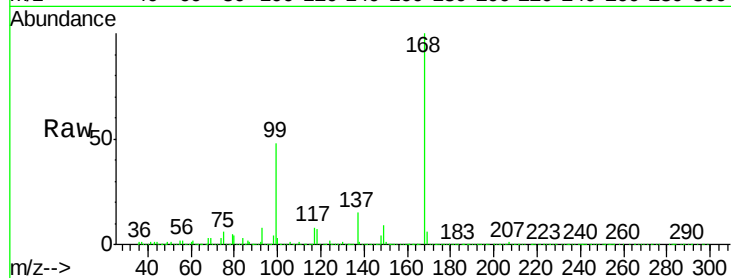
Ion Ratio Lower Upper

168 100

99 47.4 40.3 60.5

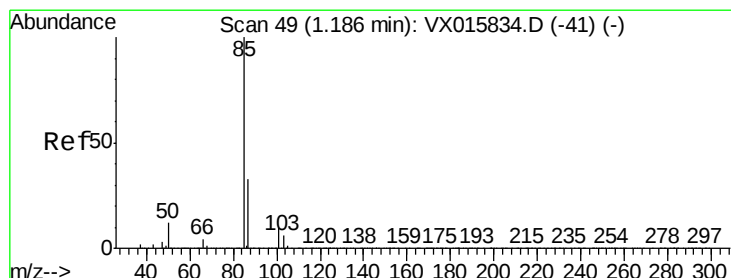
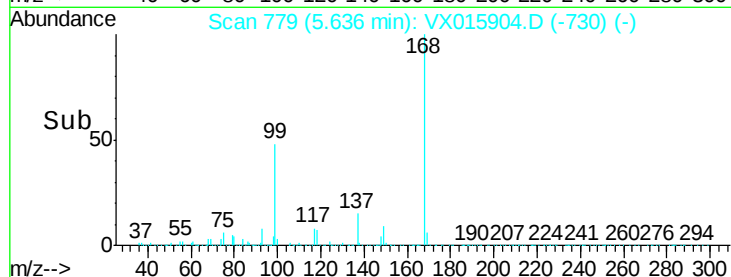
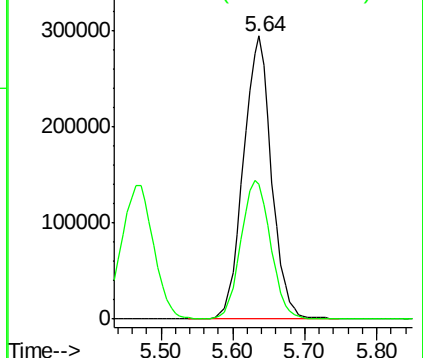
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.878 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015904.D

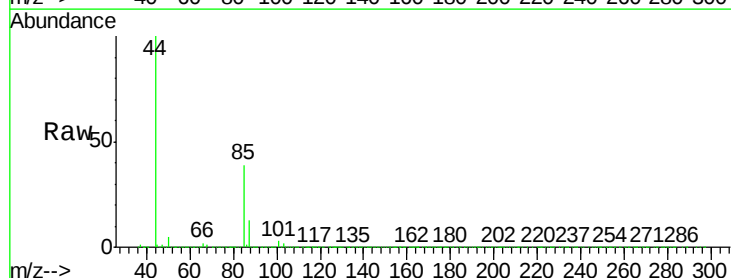
Acq: 23 Apr 2020 20:47

Tgt Ion: 85 Resp: 407356

Ion Ratio Lower Upper

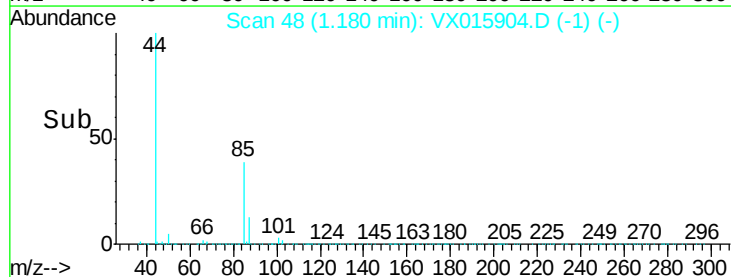
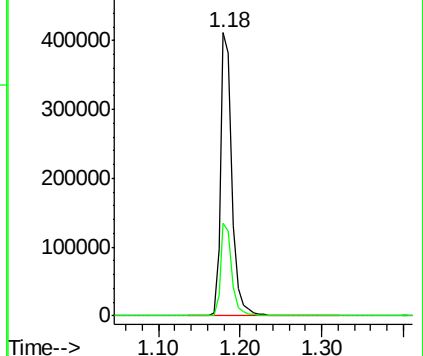
85 100

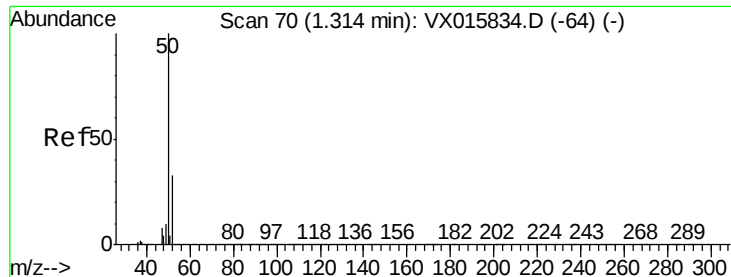
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 54.102 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 376952

Ion Ratio Lower Upper

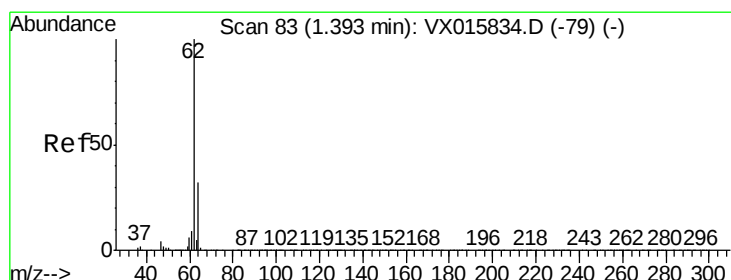
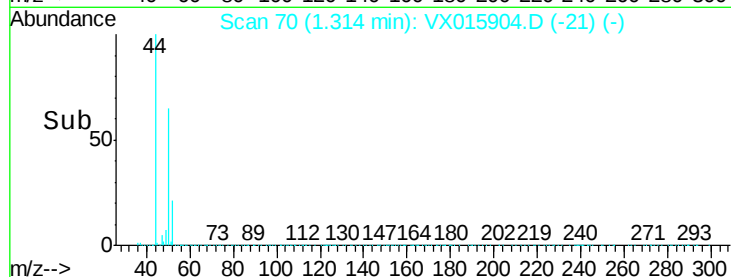
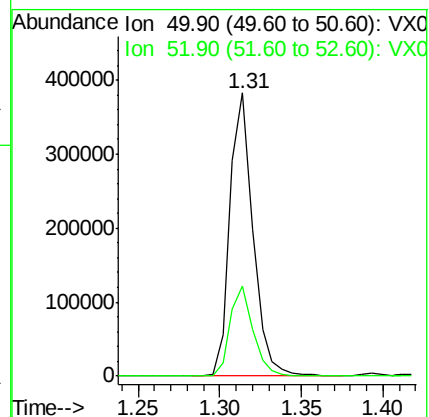
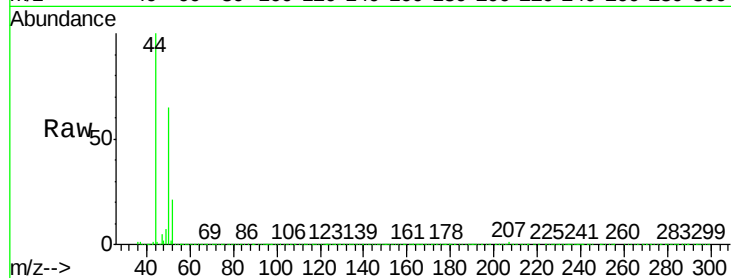
50 100

52 32.0 26.2 39.4

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#4

Vinyl Chloride

Concen: 51.550 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015904.D

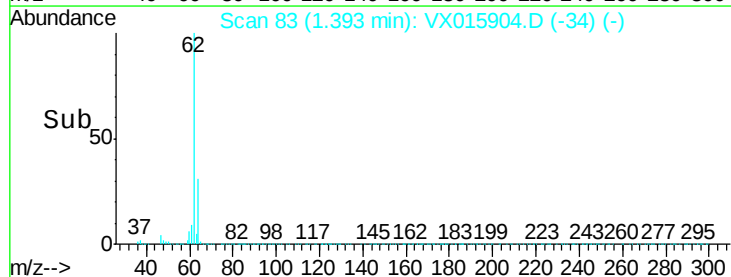
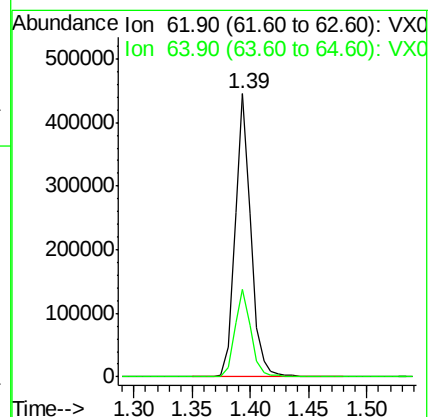
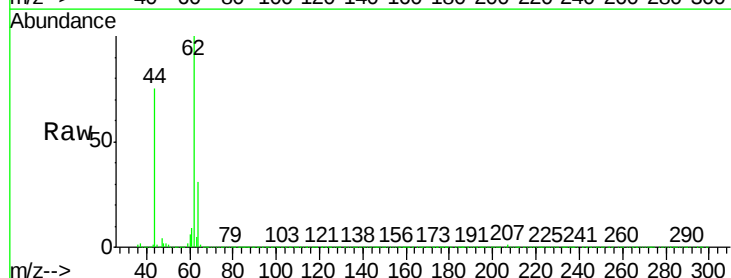
Acq: 23 Apr 2020 20:47

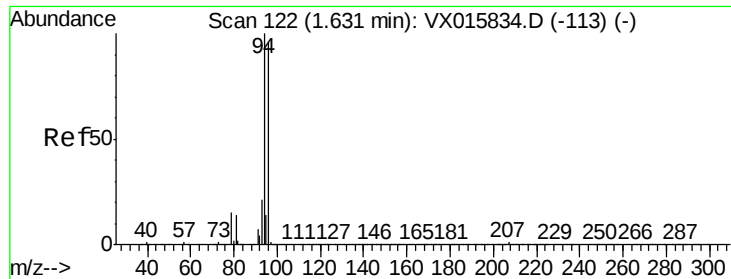
Tgt Ion: 62 Resp: 415736

Ion Ratio Lower Upper

62 100

64 30.8 25.4 38.2





#5

Bromomethane

Concen: 59.105 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

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Tot Ion: 94 Resp: 159868

Ion Ratio Lower Upper

94 100

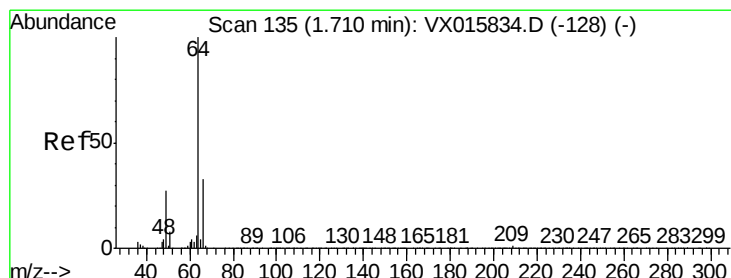
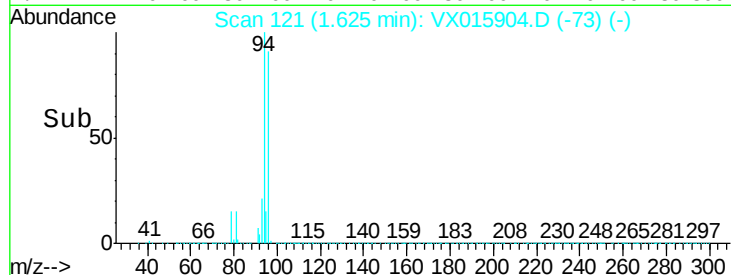
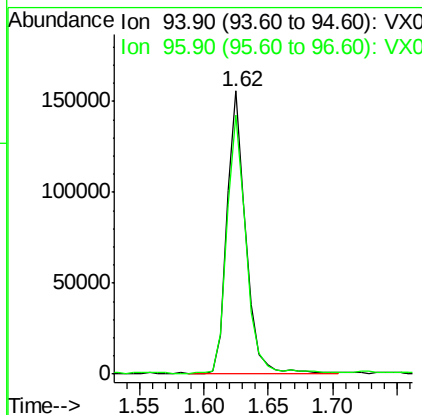
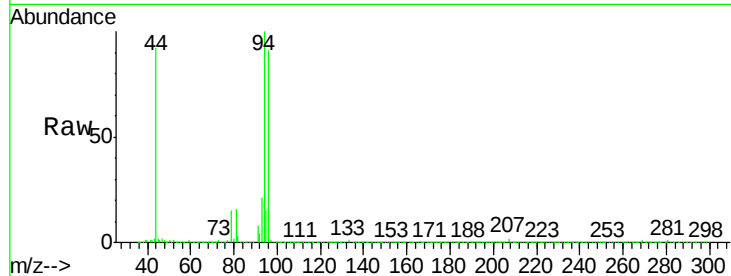
96 91.2 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 51.089 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015904.D

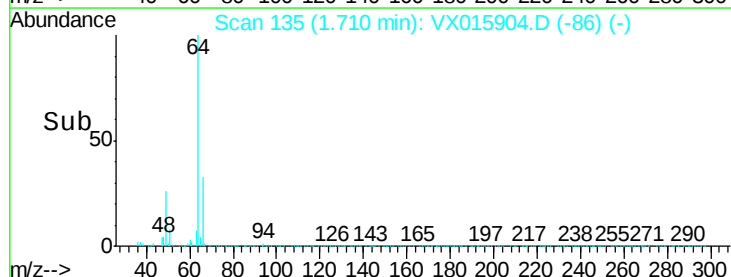
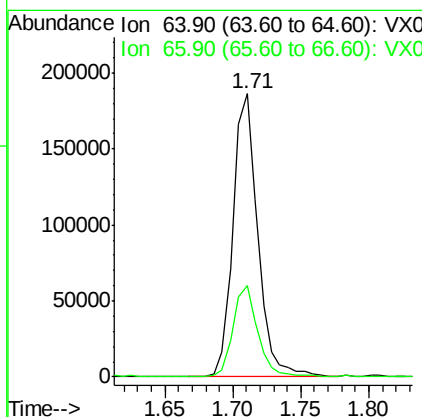
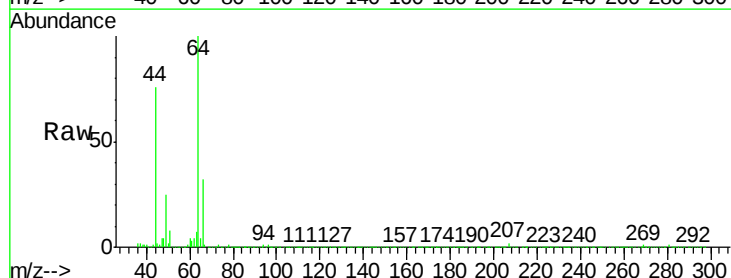
Acq: 23 Apr 2020 20:47

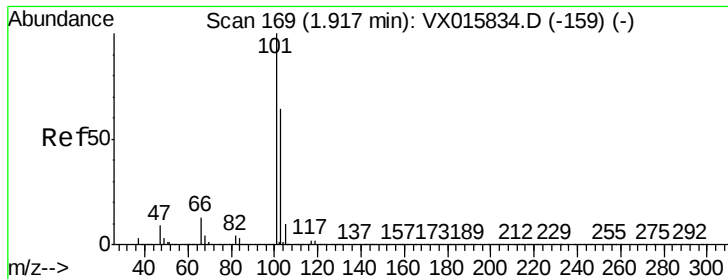
Tgt Ion: 64 Resp: 234789

Ion Ratio Lower Upper

64 100

66 31.8 26.2 39.2





#7

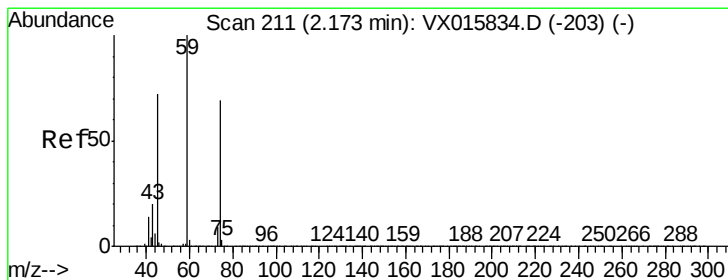
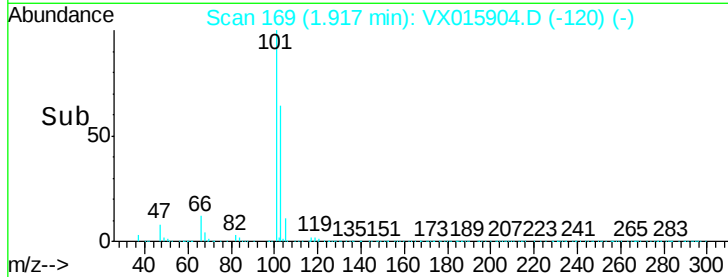
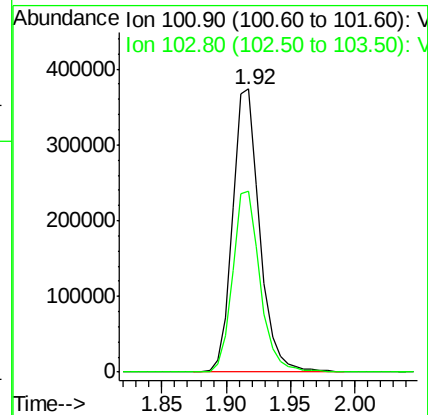
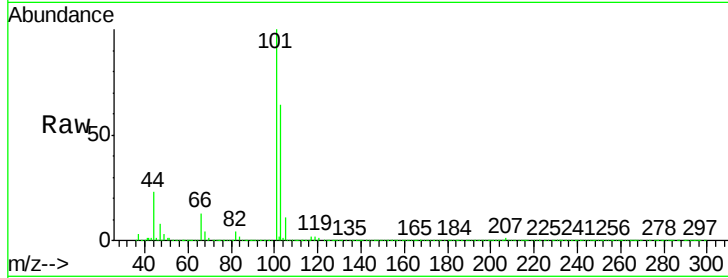
Trichlorofluoromethane
Concen: 55.276 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015904.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.4	77.0

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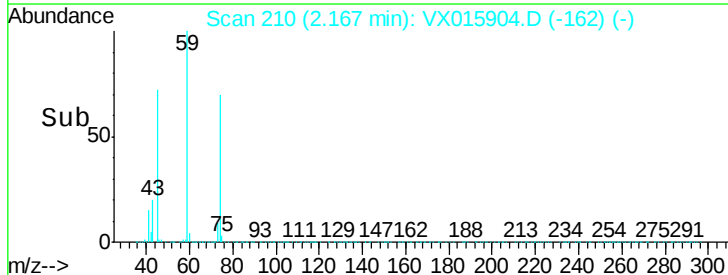
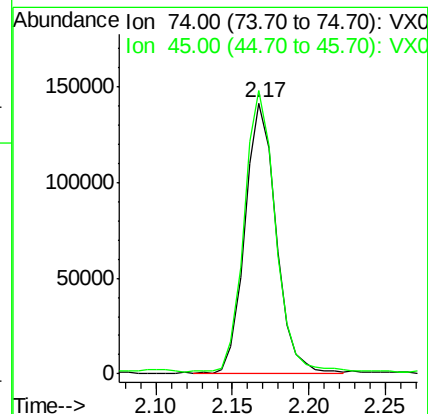
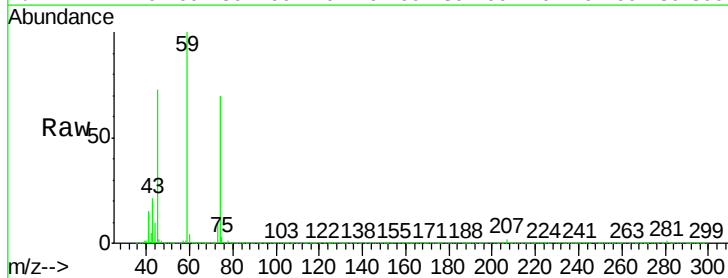
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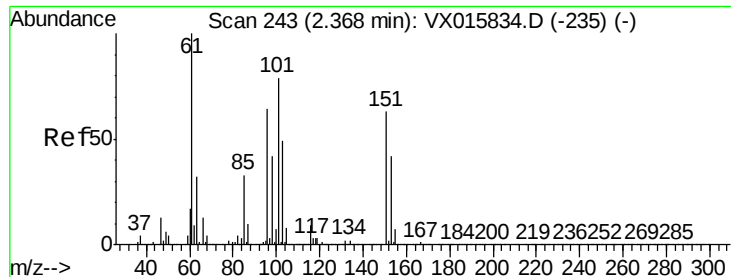


#8

Diethyl Ether
Concen: 48.861 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.875 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

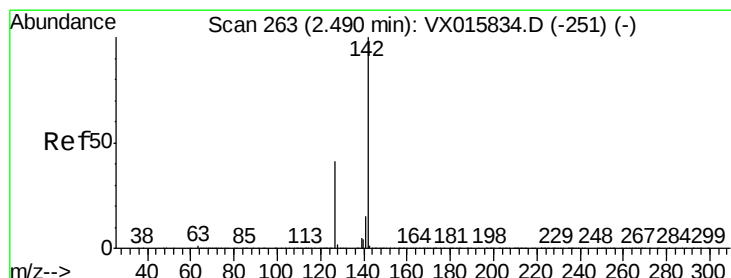
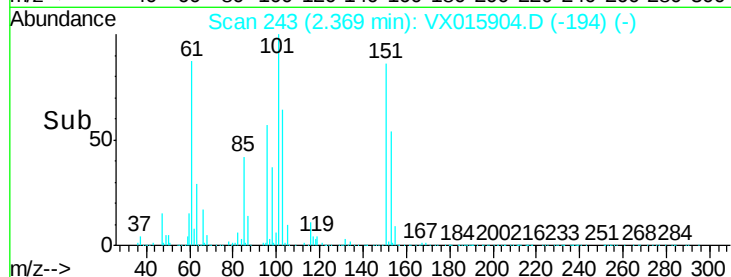
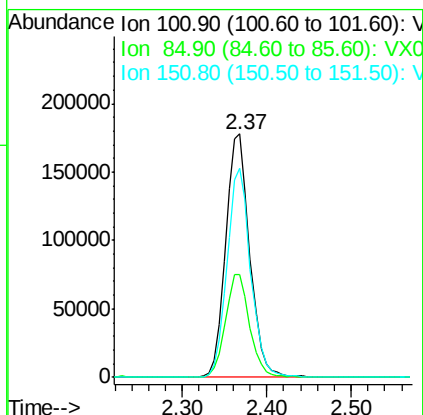
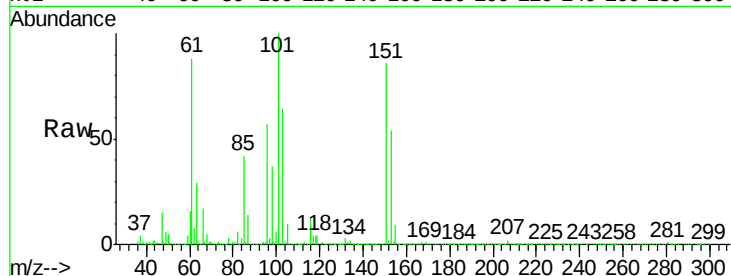
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	345321
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.8	50.6
151	85.1	67.8	101.6

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#10

Methyl Iodide

Concen: 49.521 ug/l

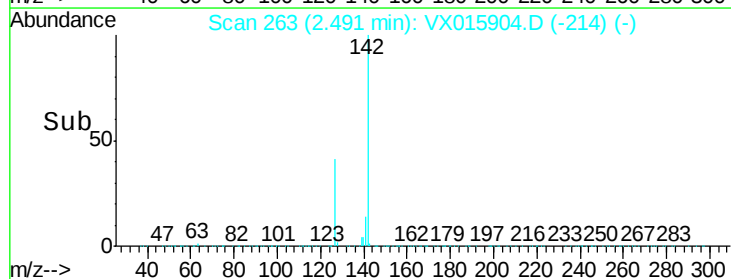
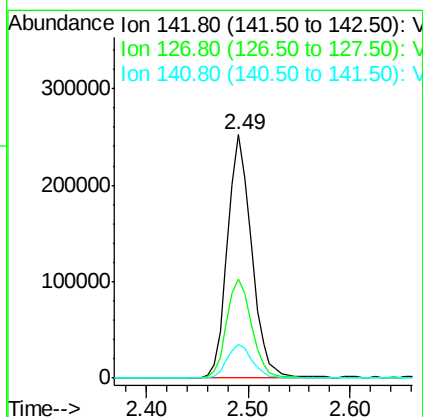
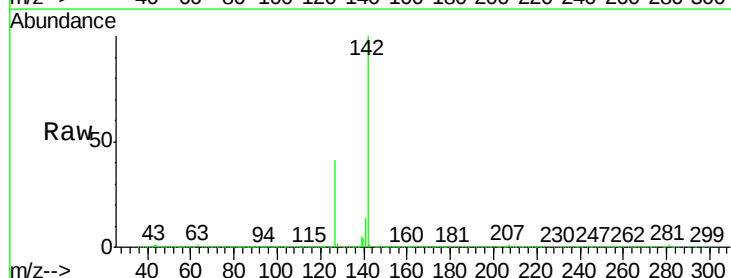
RT: 2.49 min Scan# 263

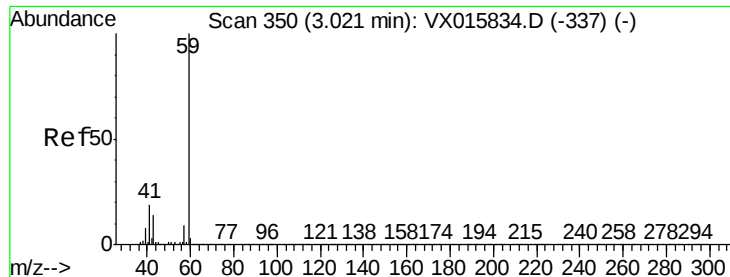
Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion:	142	Resp:	415277
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.3	49.9
141	14.4	11.8	17.6





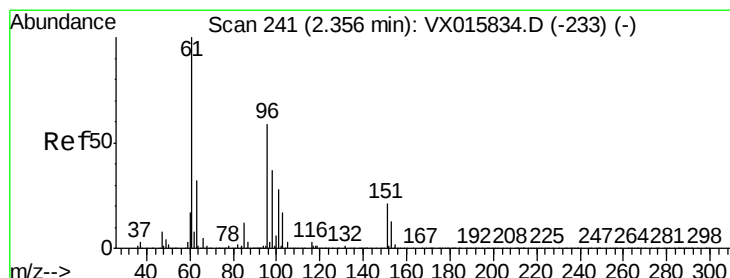
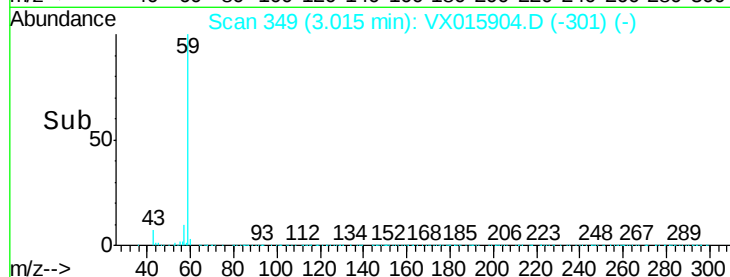
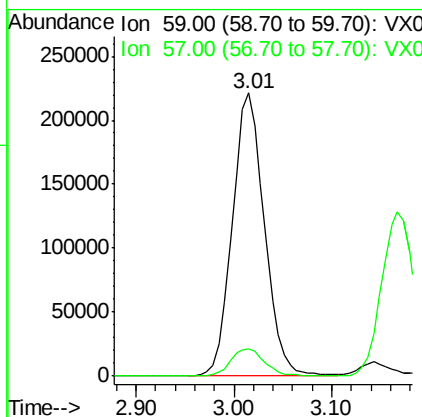
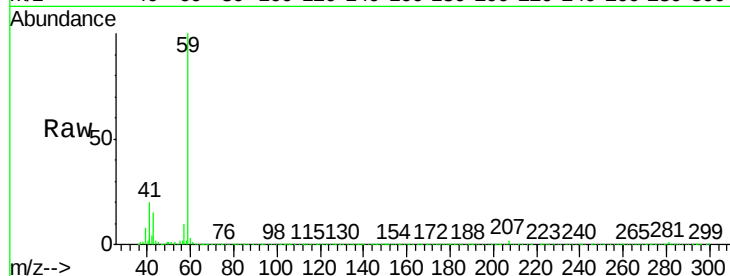
#11
Tert butyl alcohol
Concen: 270.872 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

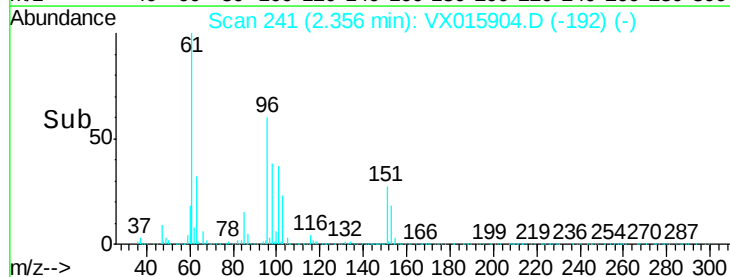
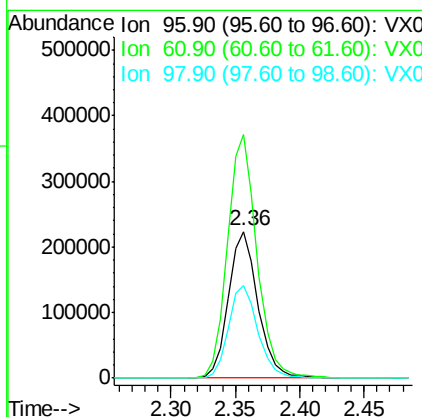
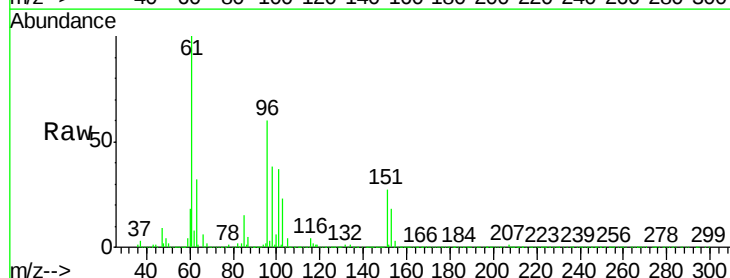
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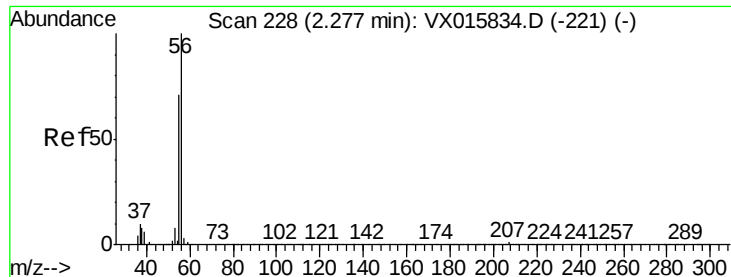
MMDadoda
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#12
1,1-Dichloroethene
Concen: 51.293 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	166.0	135.0	202.6
98	63.4	50.6	76.0





#13

Acrolein

Concen: 260.906 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 285122

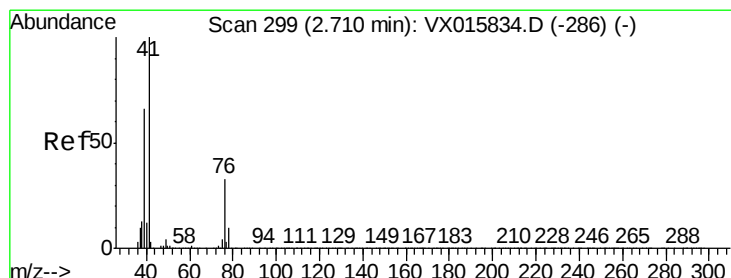
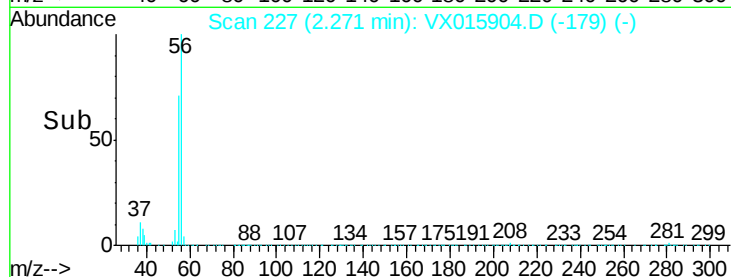
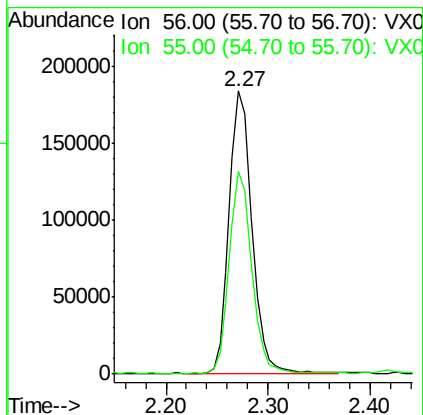
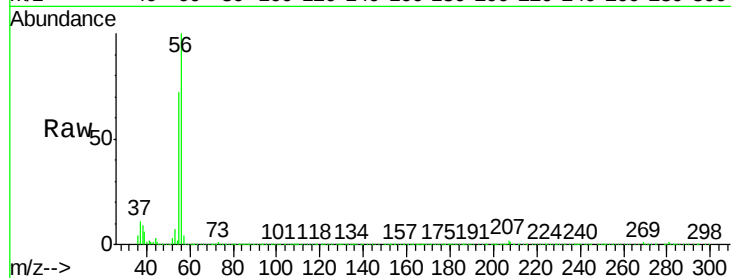
Ion Ratio Lower Upper

56 100

55 70.2 56.1 84.1

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#14

Allyl chloride

Concen: 50.705 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

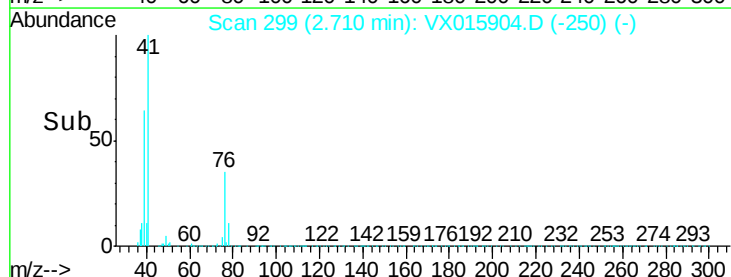
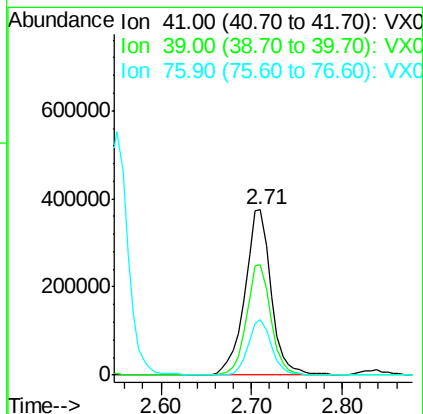
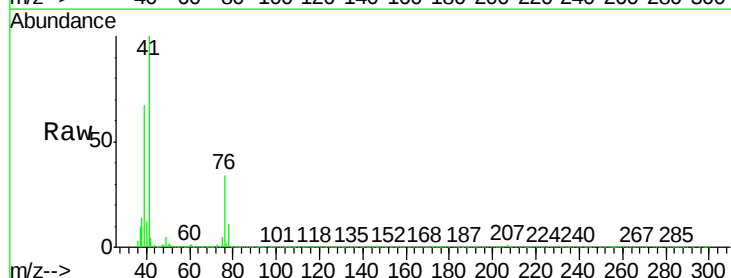
Tgt Ion: 41 Resp: 750054

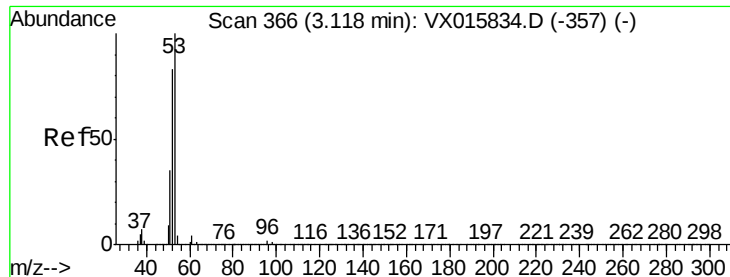
Ion Ratio Lower Upper

41 100

39 61.6 48.4 72.6

76 29.7 23.8 35.8





#15

Acrylonitrile

Concen: 269.009 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

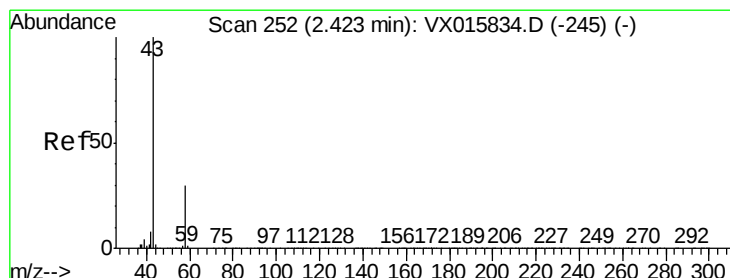
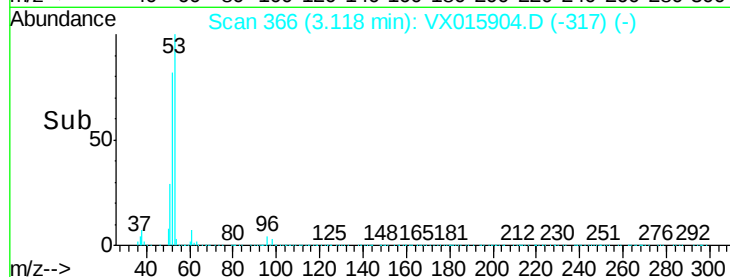
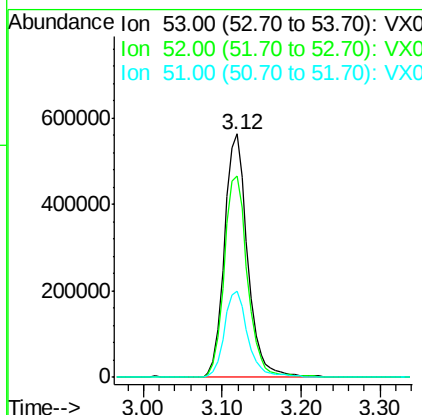
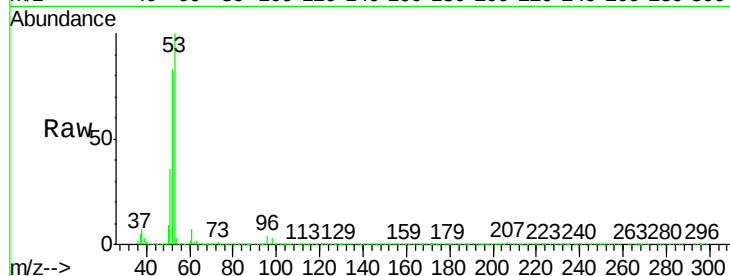
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	1153232
Ion	Ratio	Lower	Upper
53	100		
52	83.6	66.2	99.4
51	35.5	28.6	43.0

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#16

Acetone

Concen: 245.510 ug/l

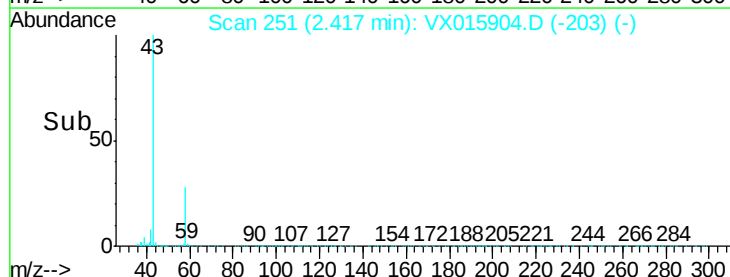
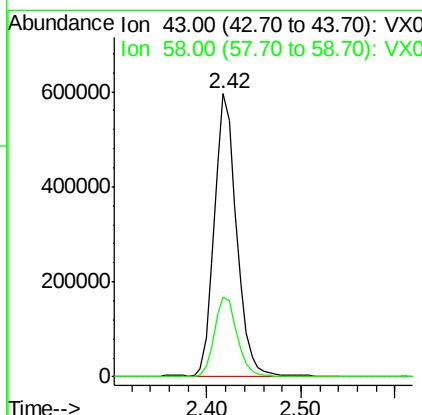
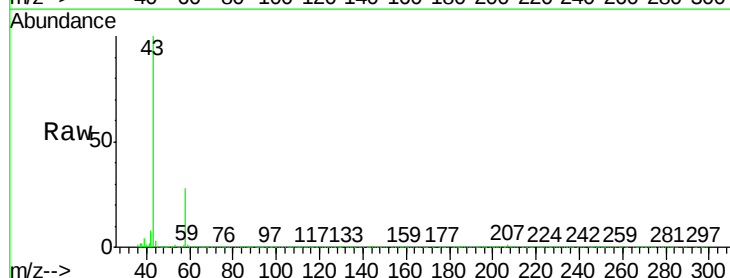
RT: 2.42 min Scan# 251

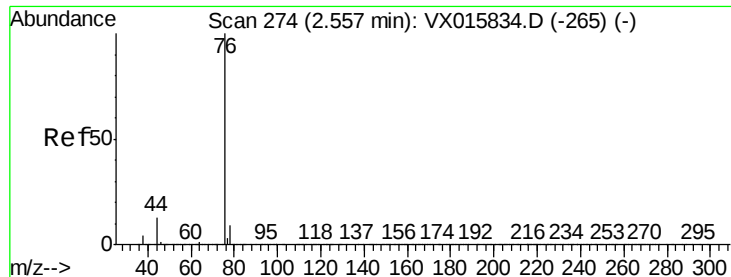
Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion:	43	Resp:	966322
Ion	Ratio	Lower	Upper
43	100		
58	28.2	24.0	36.0





#17

Carbon Disulfide

Concen: 35.864 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 906636

Ion Ratio Lower Upper

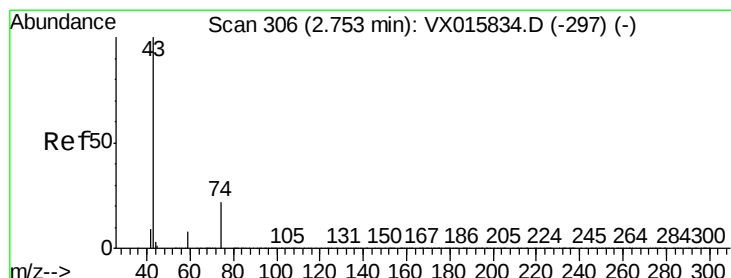
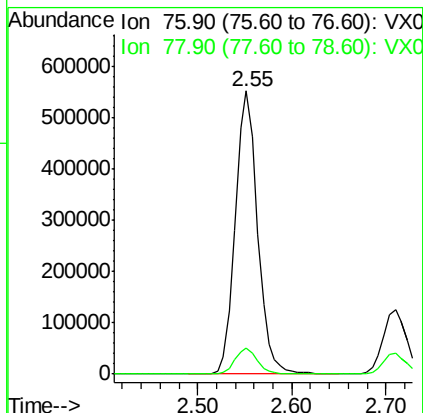
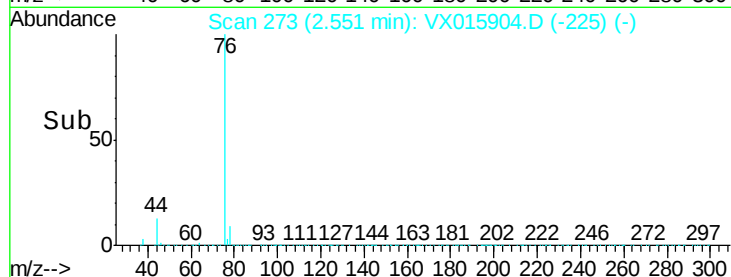
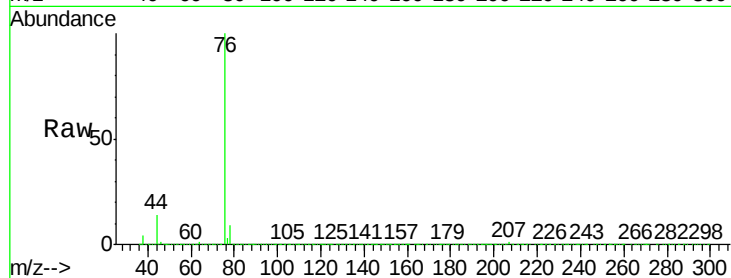
76 100

78 8.9 7.4 11.2

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#18

Methyl Acetate

Concen: 51.365 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015904.D

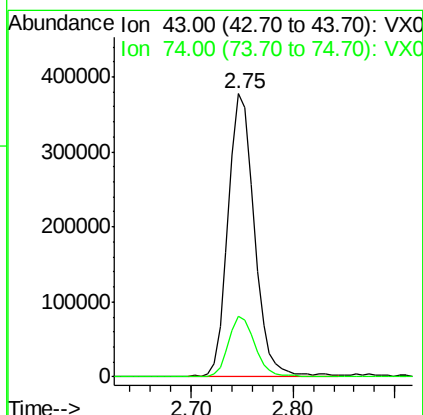
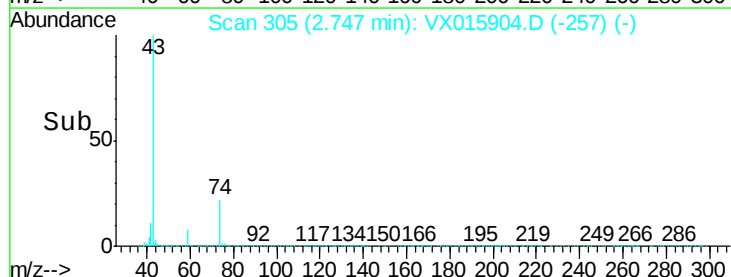
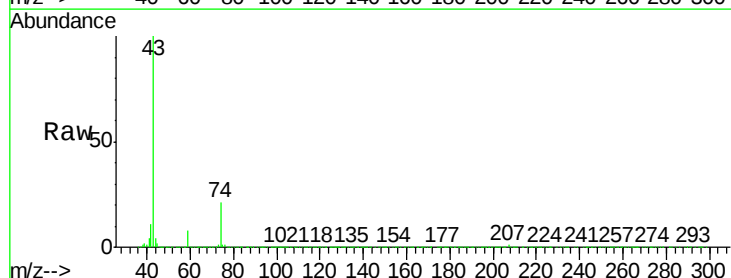
Acq: 23 Apr 2020 20:47

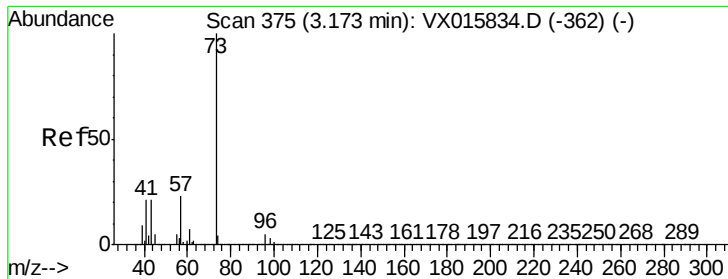
Tgt Ion: 43 Resp: 667434

Ion Ratio Lower Upper

43 100

74 21.4 17.9 26.9





#19

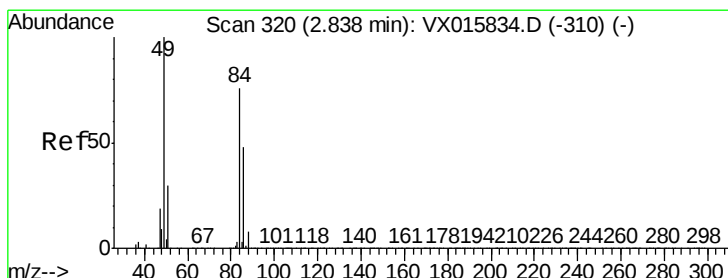
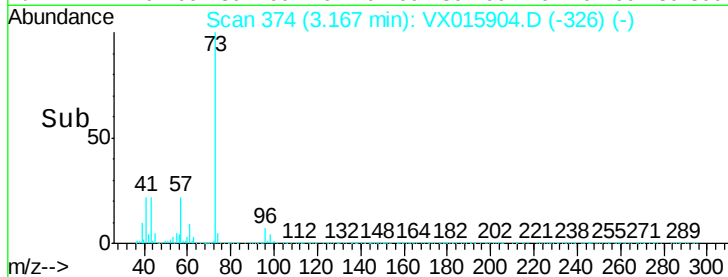
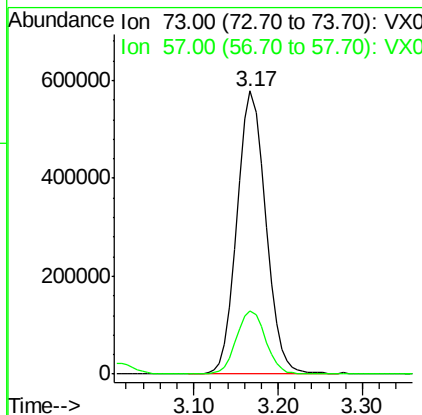
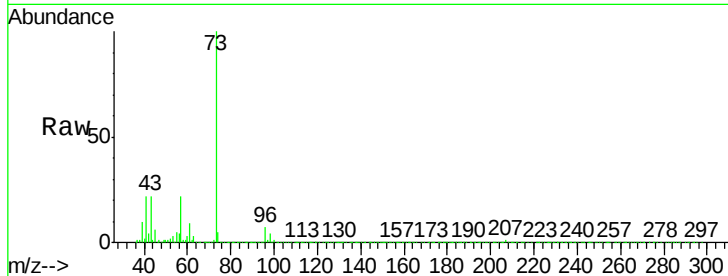
Methyl tert-butyl Ether
 Concen: 54.226 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	18.1	27.1

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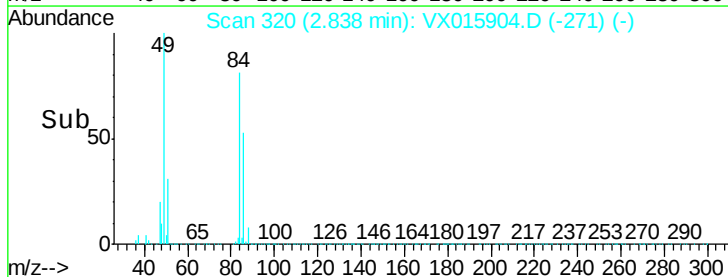
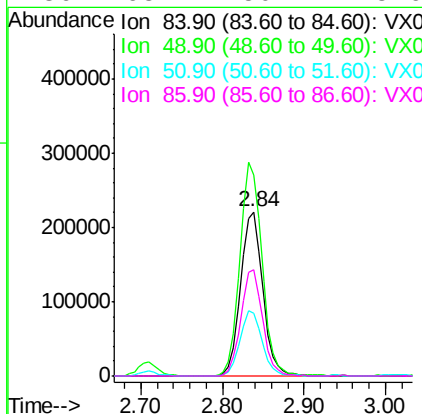
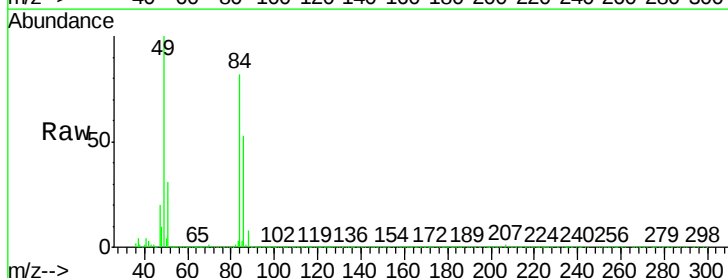
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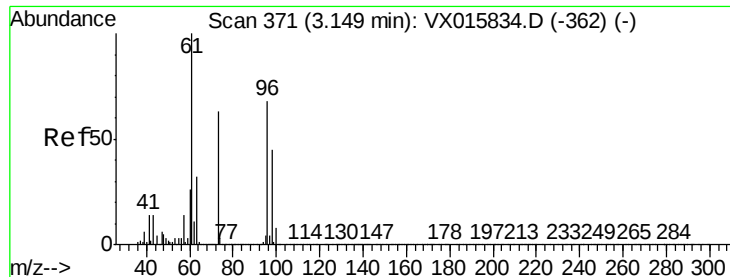


#20

Methylene Chloride
 Concen: 51.467 ug/l
 RT: 2.84 min Scan# 320
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	104.9	157.3
51	37.8	32.0	48.0
86	65.1	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 51.746 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

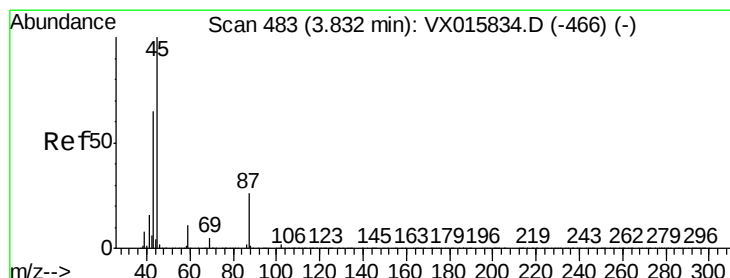
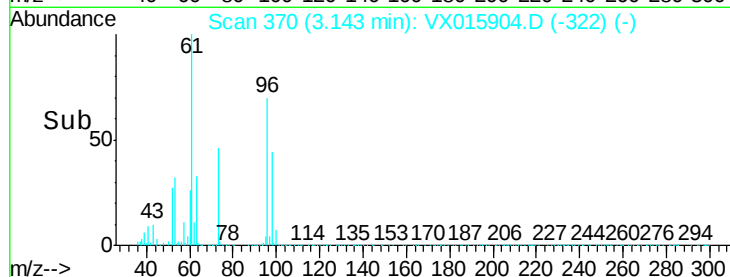
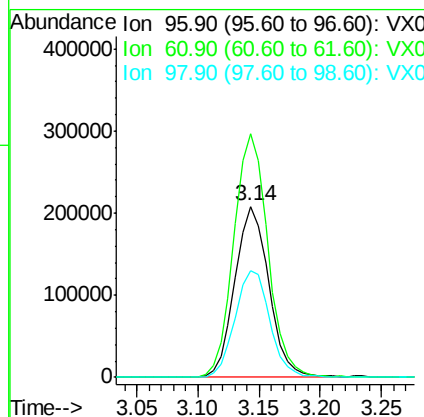
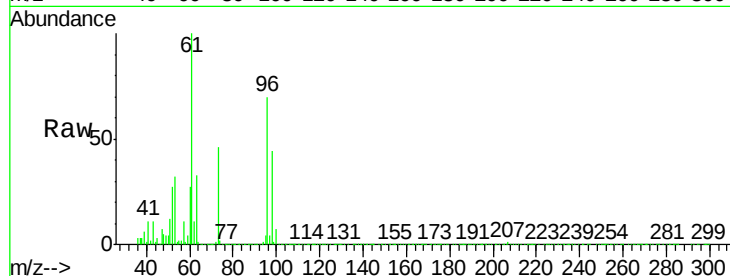
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	399671
Ion	Ratio	Lower	Upper
96	100		
61	142.6	117.5	176.3
98	62.5	52.7	79.1

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#22

Diisopropyl ether

Concen: 53.459 ug/l

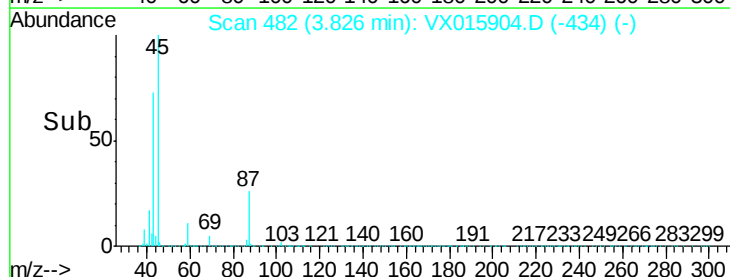
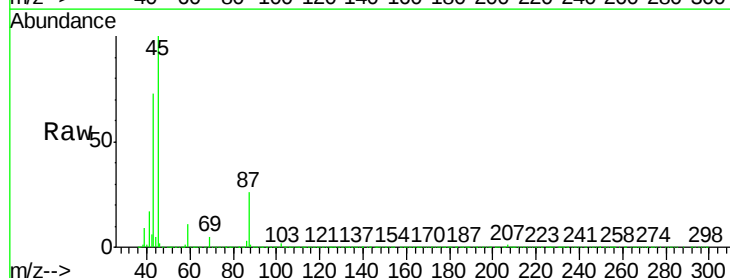
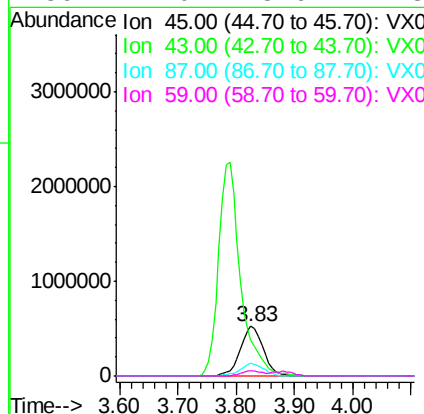
RT: 3.83 min Scan# 482

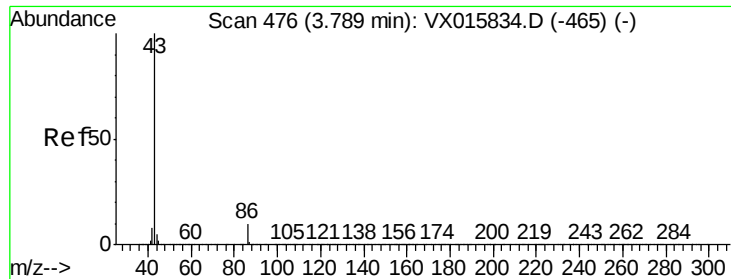
Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion:	45	Resp:	1425323
Ion	Ratio	Lower	Upper
45	100		
43	72.8	52.4	78.6
87	26.4	20.7	31.1
59	11.0	8.6	12.8





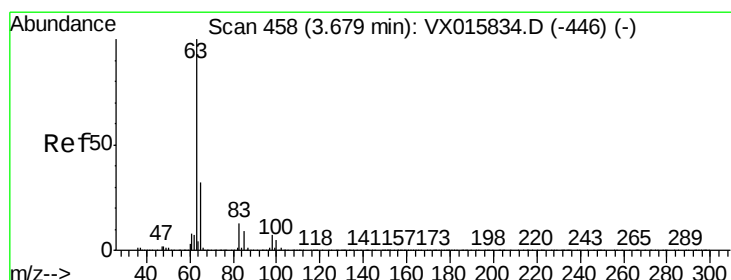
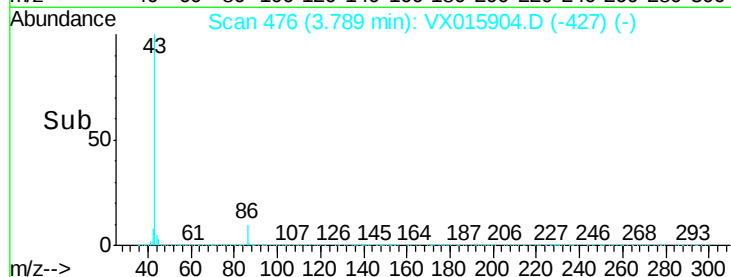
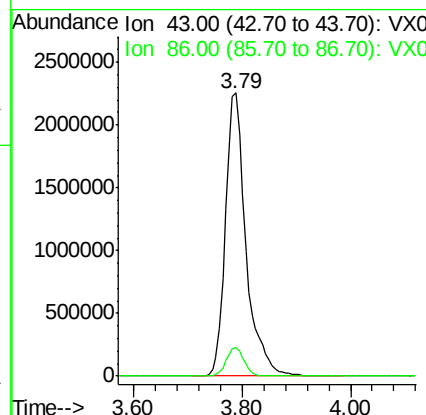
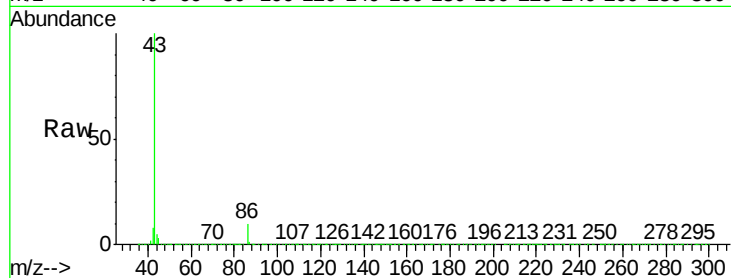
#23
 Vinyl Acetate
 Concen: 267.853 ug/l
 RT: 3.79 min Scan# 476
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 5910605
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.0 12.0

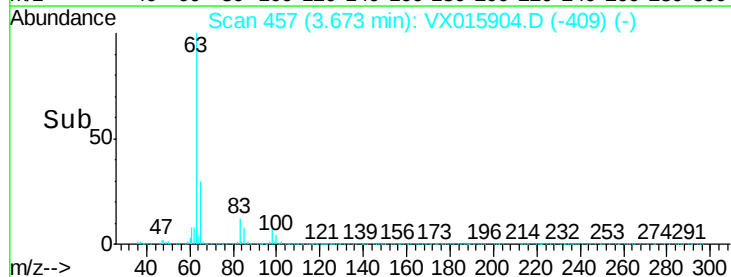
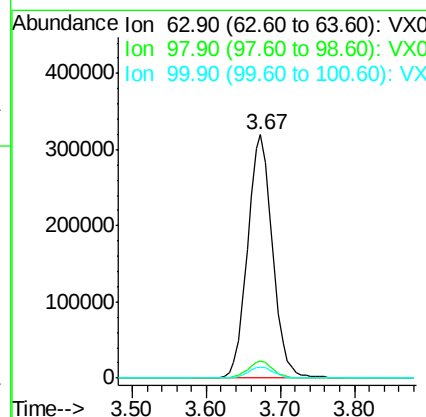
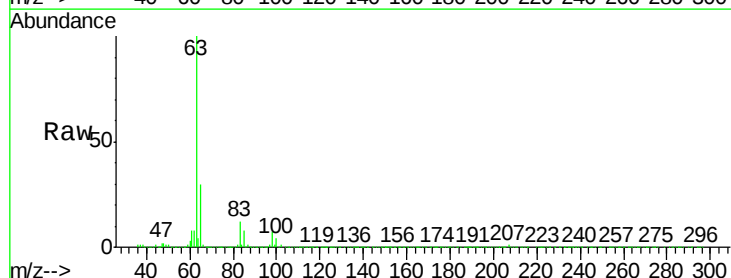
Manual Integrations
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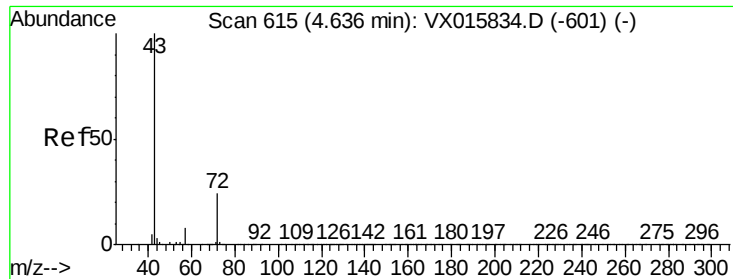
MMDadoda
 4/24/2020 11:35:10 AM



#24
 1,1-Dichloroethane
 Concen: 53.785 ug/l
 RT: 3.67 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion: 63 Resp: 747427
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.4 2.3 6.8





#25

2-Butanone

Concen: 263.976 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1642243

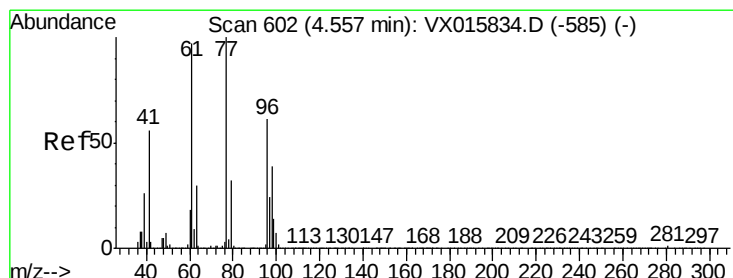
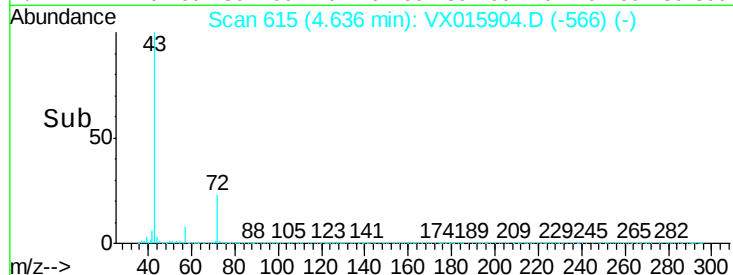
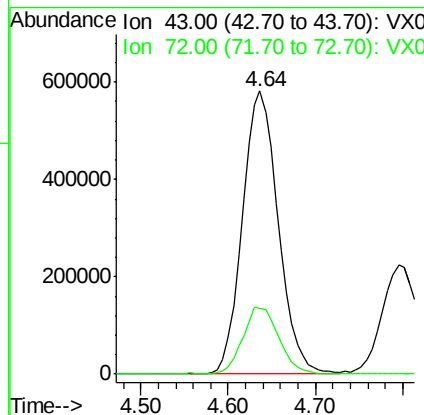
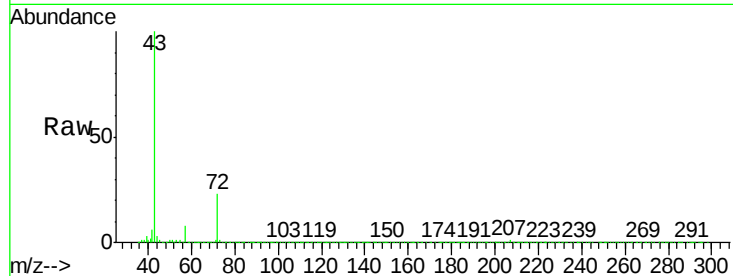
Ion Ratio Lower Upper

43 100

72 23.2 19.4 29.2

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 45.800 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015904.D

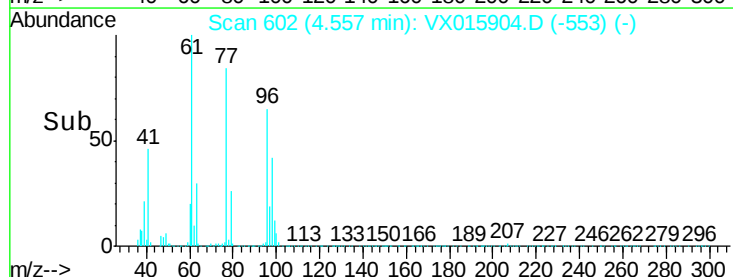
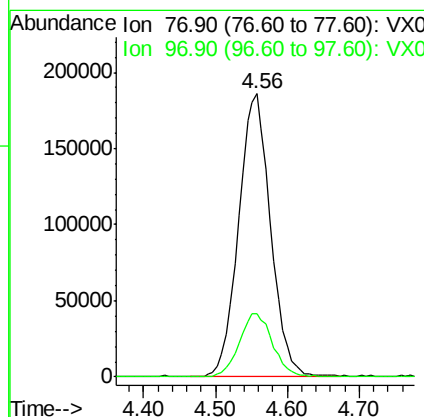
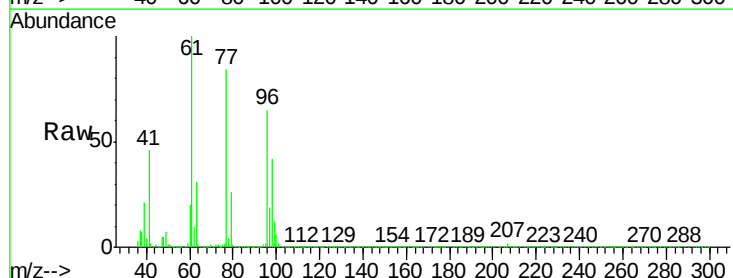
Acq: 23 Apr 2020 20:47

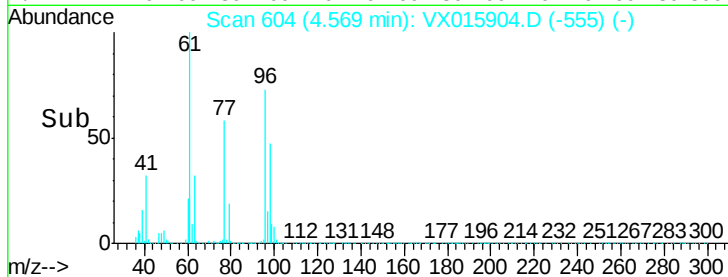
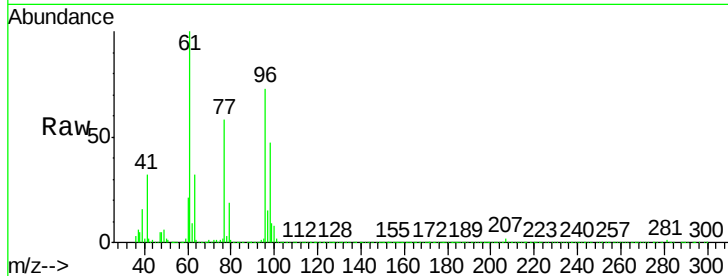
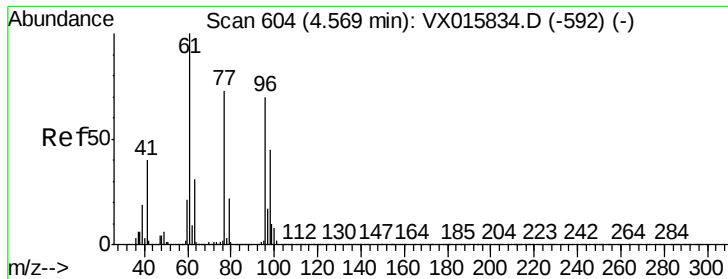
Tgt Ion: 77 Resp: 568547

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.1





#27

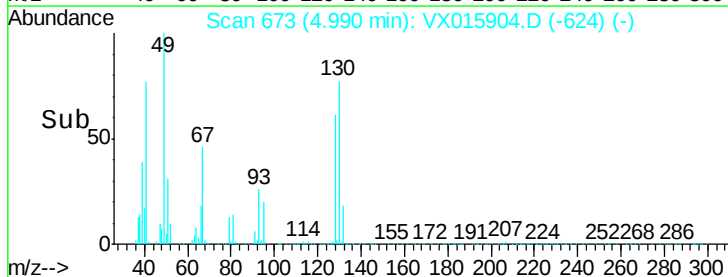
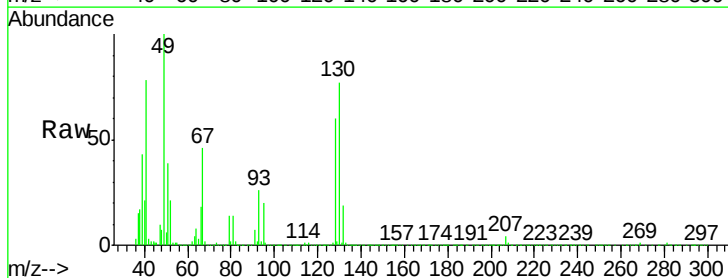
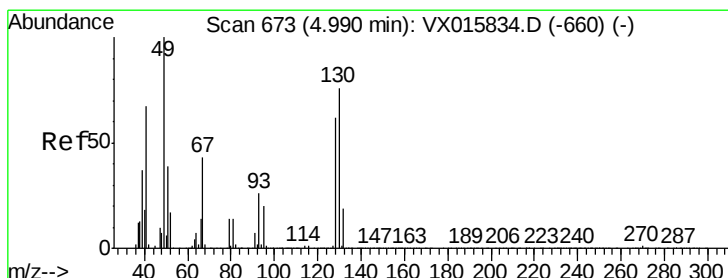
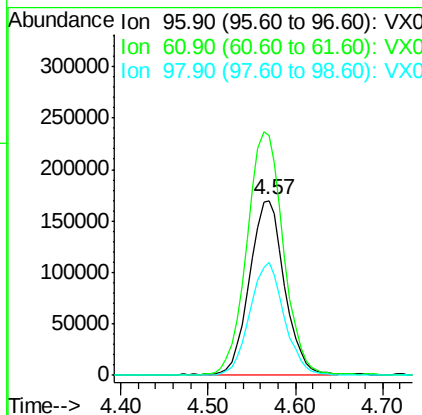
cis-1,2-Dichloroethene
Concen: 53.486 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tot Ion	Ratio	Resp	Lower	Upper
96	100	468999		
61	145.9	0.0	299.4	
98	64.2	0.0	129.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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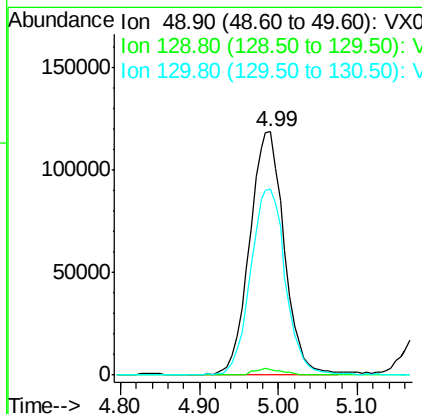
MMDadoda
4/24/2020 11:35:10 AM

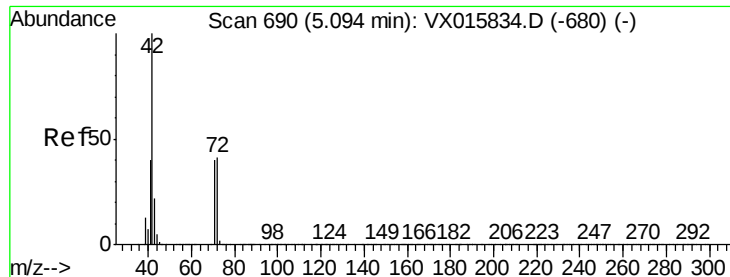


#28

Bromochloromethane
Concen: 49.110 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	358098		
129	2.2	0.0	1.8#	
130	77.0	62.4	93.6	





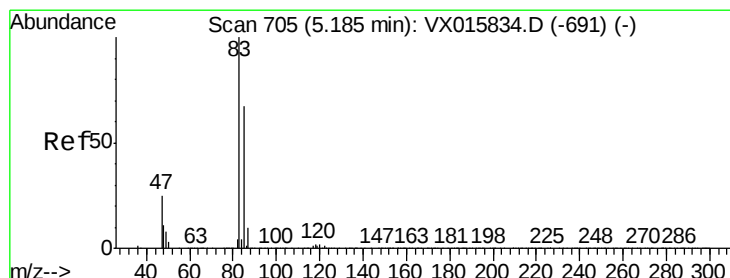
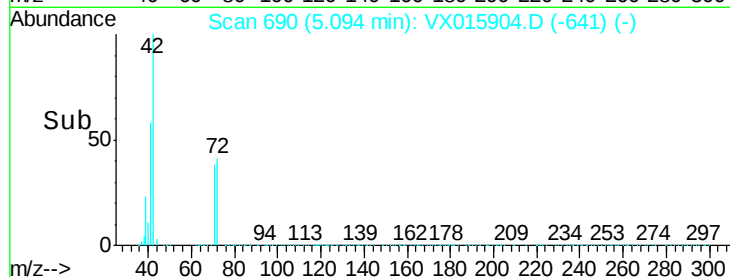
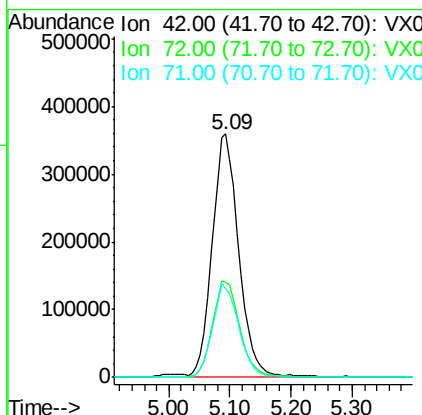
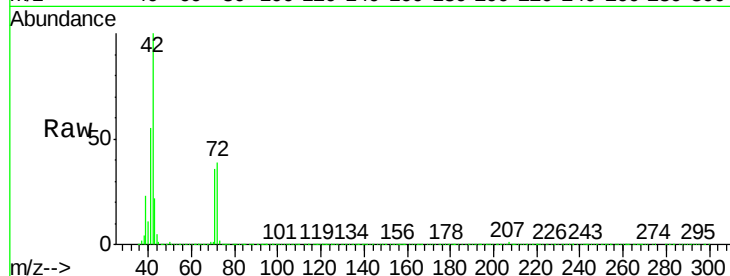
#29
Tetrahydrofuran
Concen: 263.272 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	1083336
Ion	Ratio	Lower	Upper
42	100		
72	40.9	33.0	49.6
71	38.0	30.6	45.8

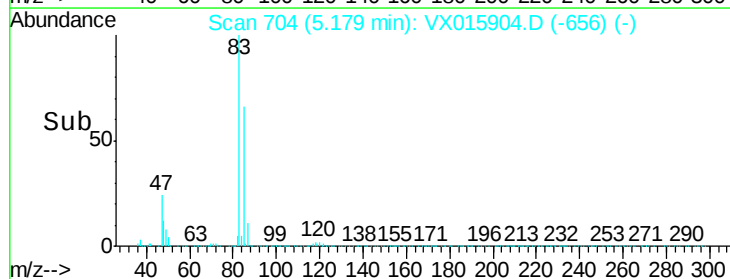
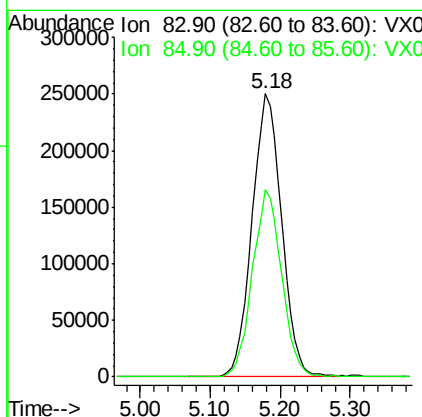
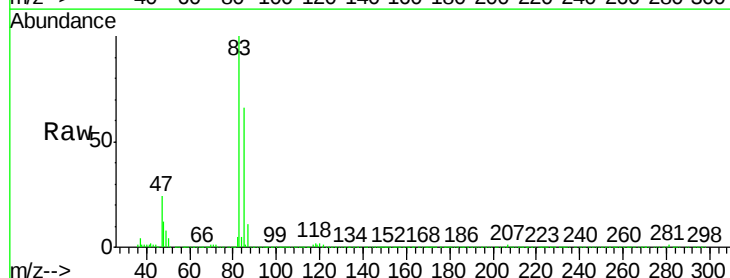
Manual Integrations
APPROVED

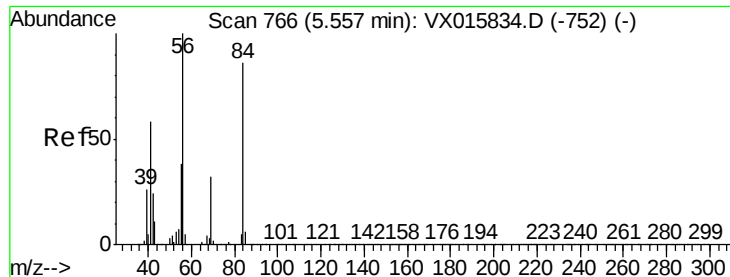
MMDadoda
4/24/2020 11:35:10 AM



#30
Chloroform
Concen: 52.715 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:	83	Resp:	737044
Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.4	80.0





#31

Cyclohexane

Concen: 53.190 ug/l

RT: 5.56 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

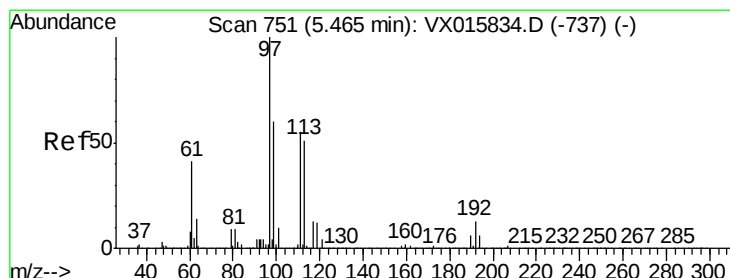
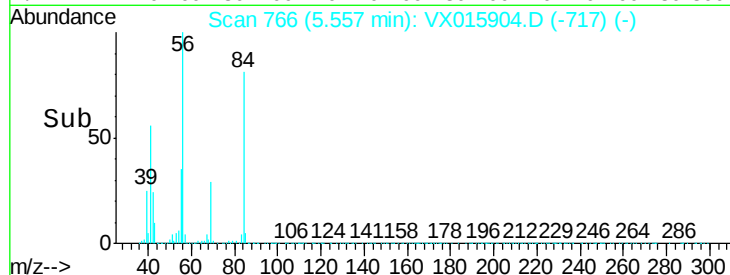
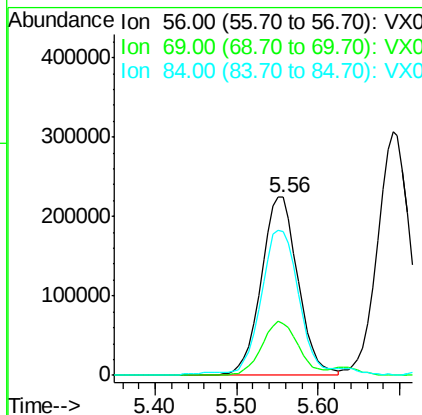
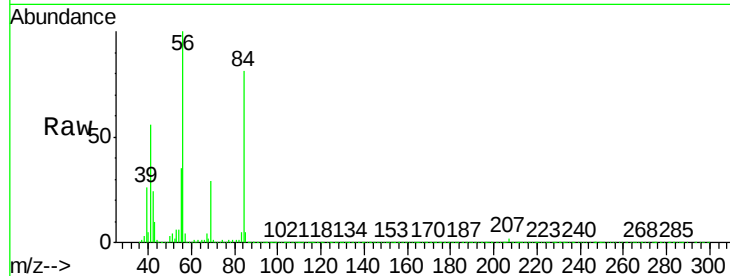
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	28.6	25.3	37.9	
84	80.3	69.1	103.7	

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.140 ug/l

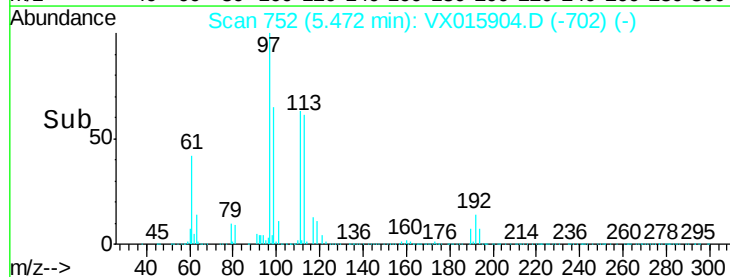
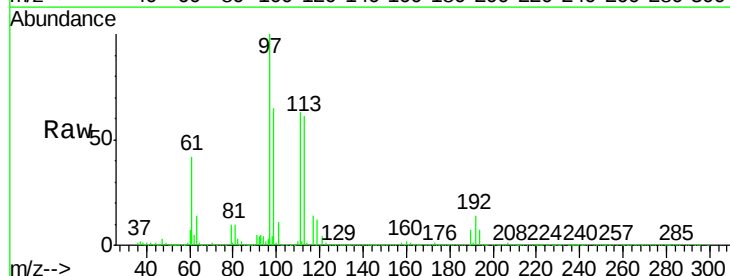
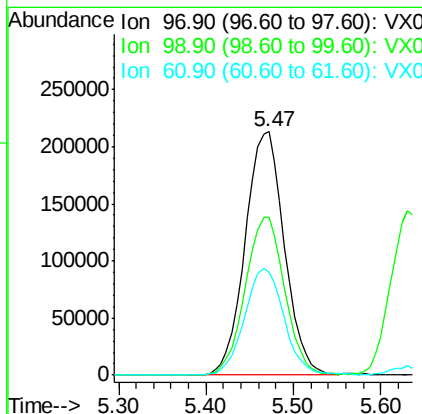
RT: 5.47 min Scan# 752

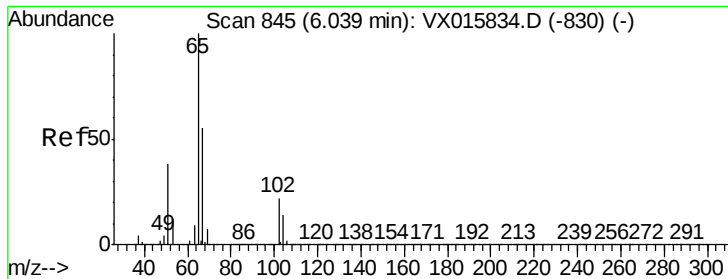
Delta R.T. 0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.4	51.2	76.8	
61	44.1	34.1	51.1	





#33

1,2-Dichloroethane-d4

Concen: 52.343 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 473150

Ion Ratio Lower Upper

65 100

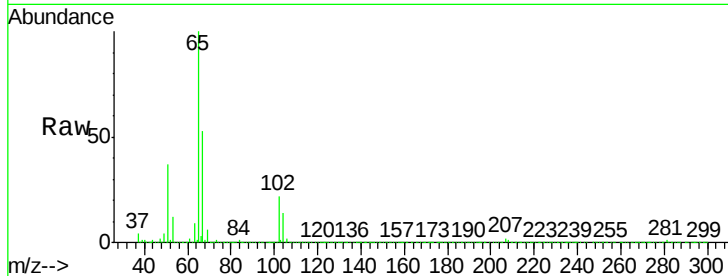
67 52.3 0.0 104.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

150000

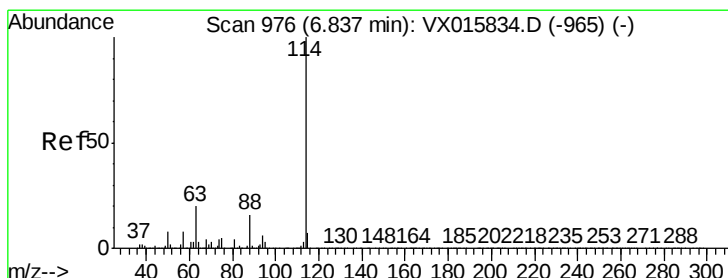
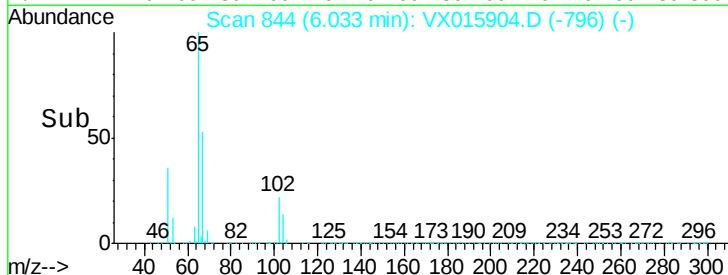
100000

50000

0

5.90 6.00 6.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

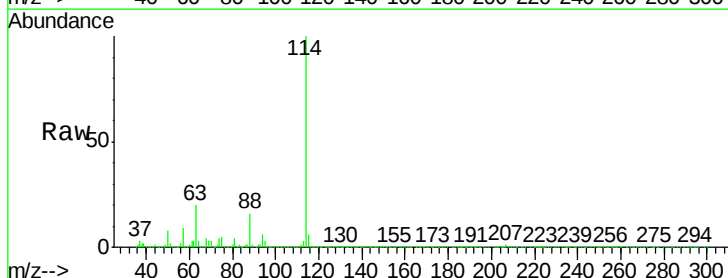
Tgt Ion: 114 Resp: 1207069

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

88 15.7 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

600000

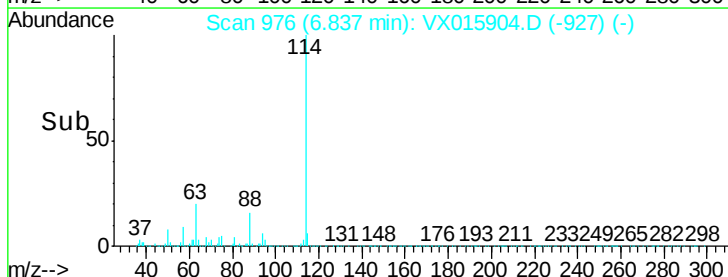
400000

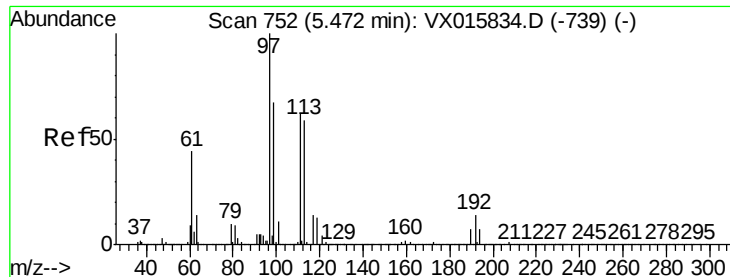
200000

0

6.70 6.80 6.90 7.00

Time-->





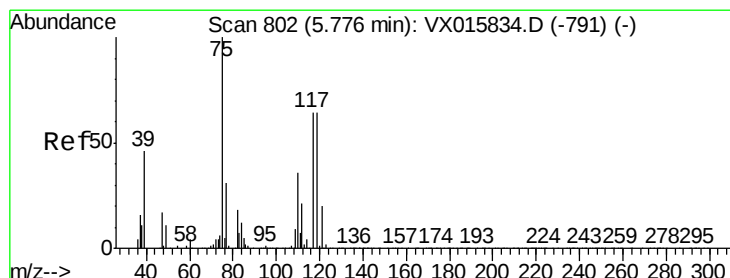
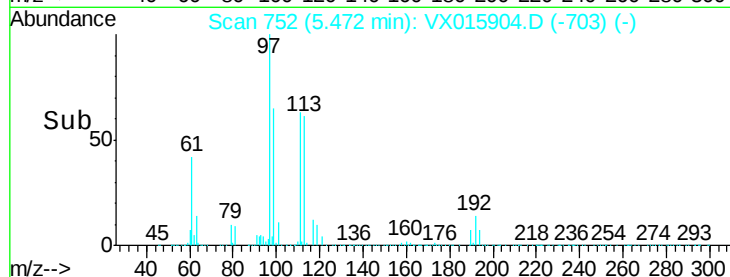
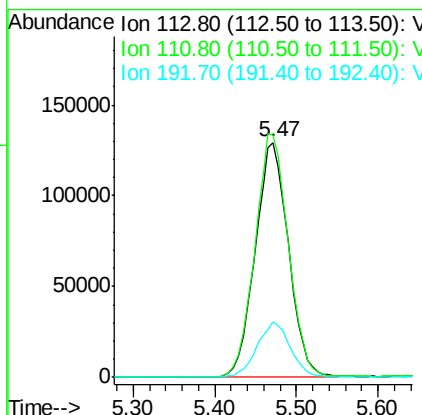
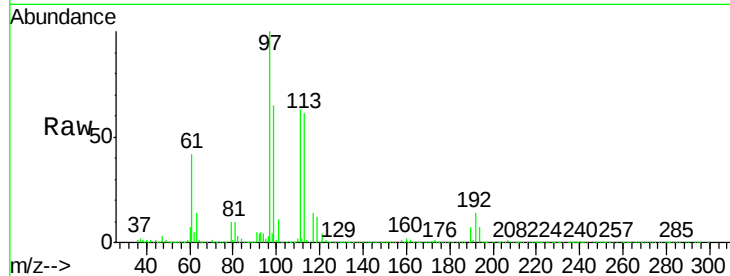
#35
 Dibromofluoromethane
 Concen: 52.682 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	367059		
111	104.0	82.7	124.1	
192	23.3	19.3	28.9	

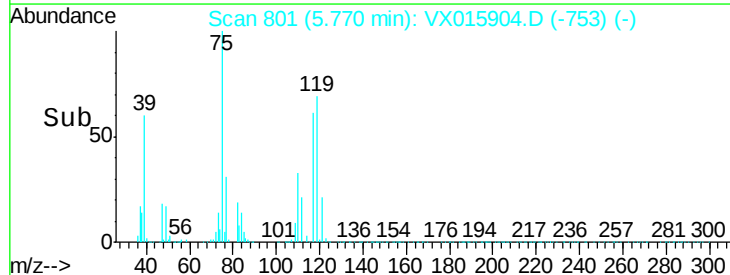
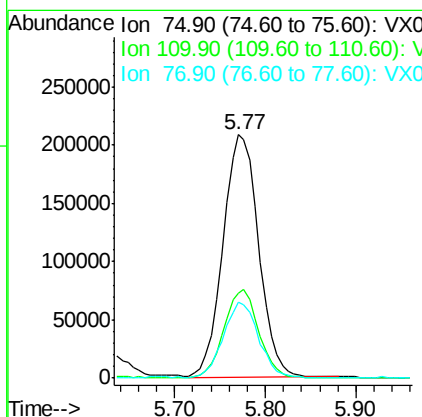
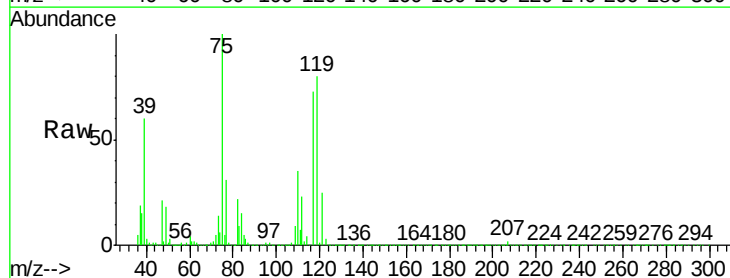
Manual Integrations
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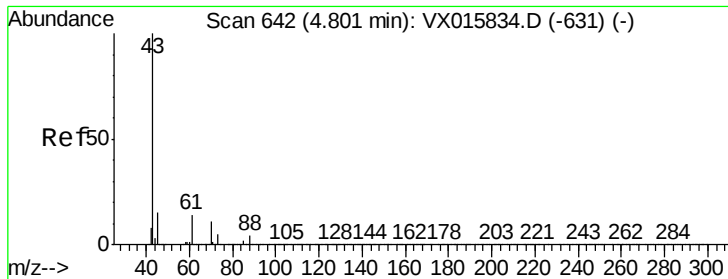
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#36
 1,1-Dichloropropene
 Concen: 52.929 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	566386		
110	35.9	17.9	53.8	
77	31.0	24.5	36.7	





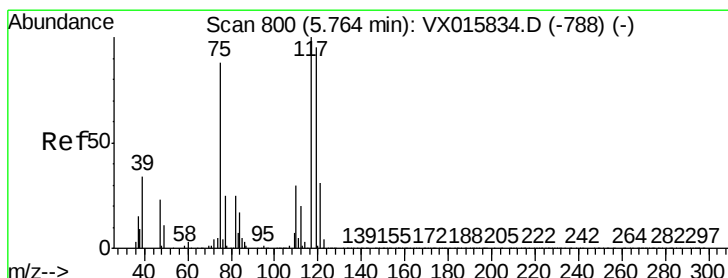
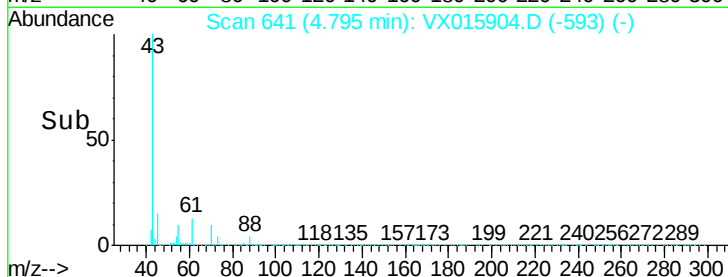
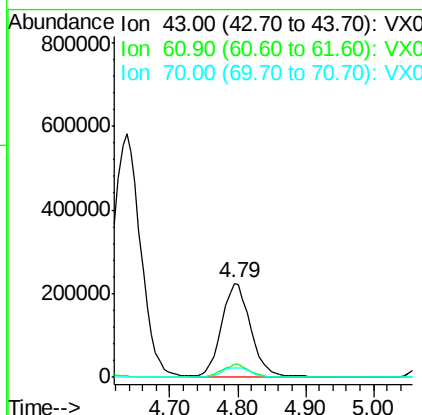
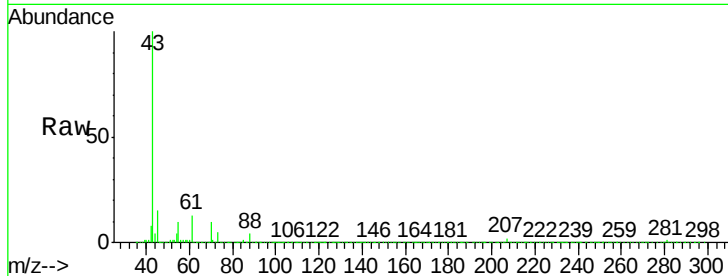
#37
Ethyl Acetate
Concen: 51.856 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.8	16.2
70	10.4	8.2	12.2

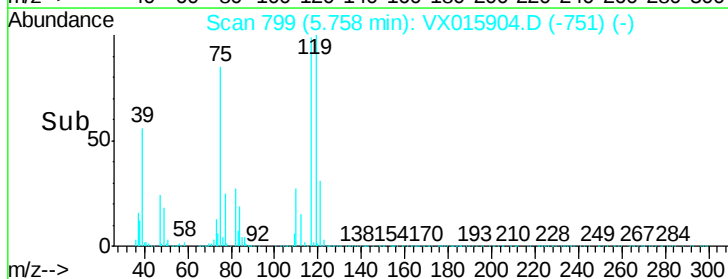
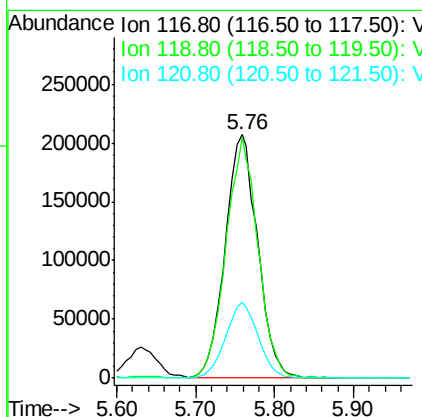
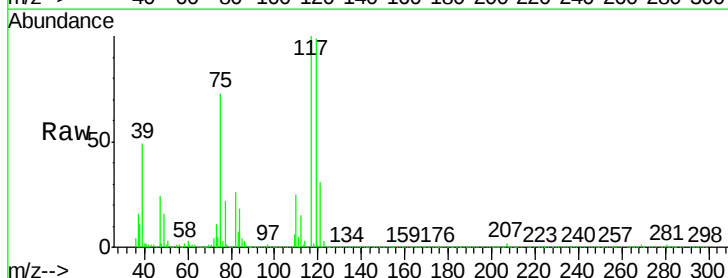
Manual Integrations
APPROVED

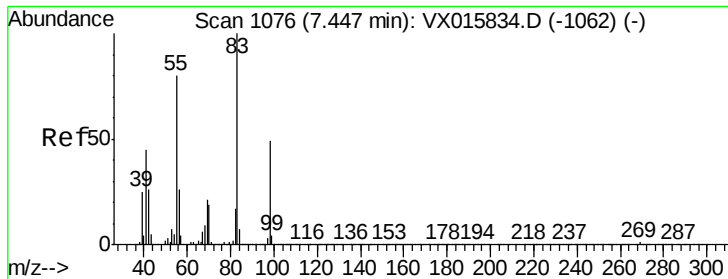
MMDadoda
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#38
Carbon Tetrachloride
Concen: 56.081 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	75.7	113.5
121	31.2	25.0	37.6





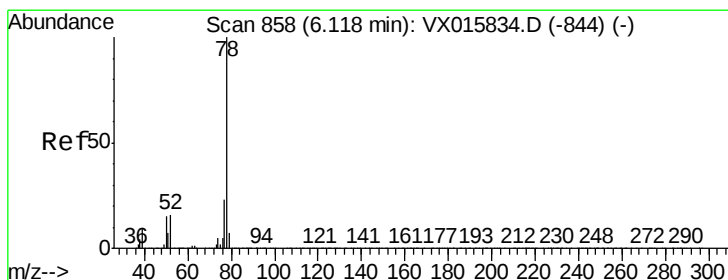
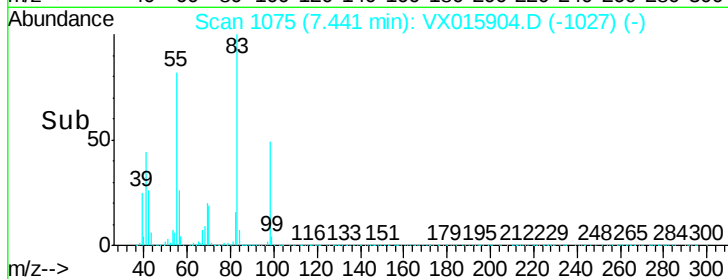
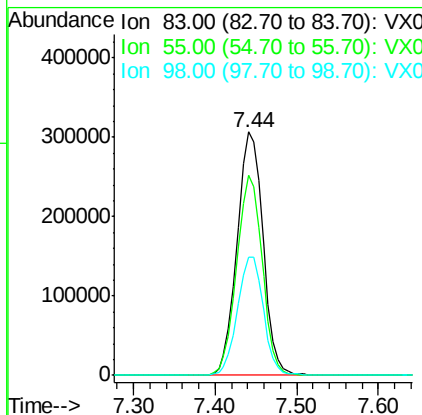
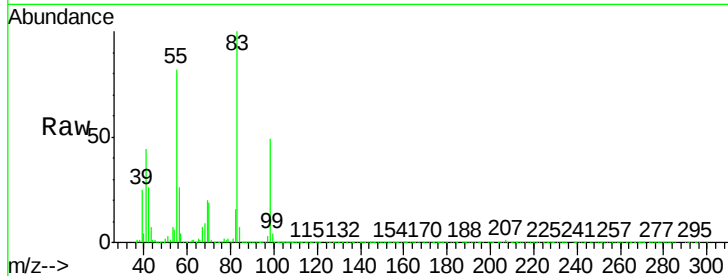
#39
Methvlcvclohexane
Concen: 49.895 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.2	64.2	96.4
98	48.7	39.3	58.9

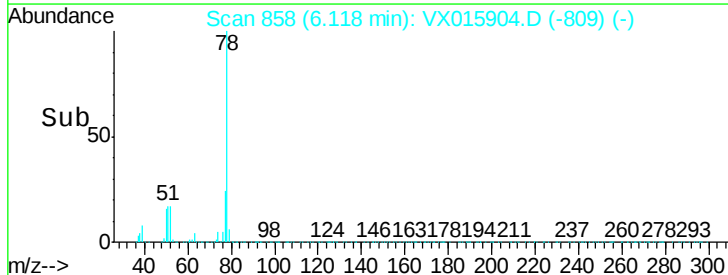
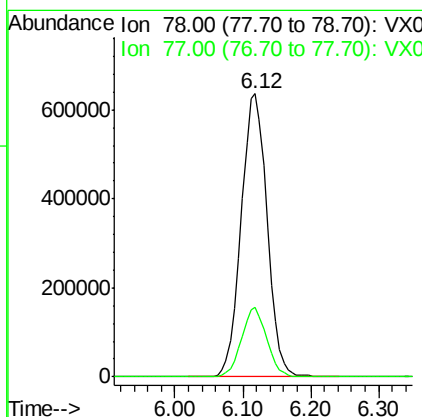
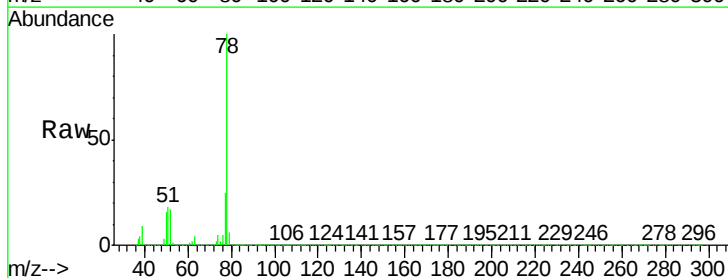
Manual Integrations
APPROVED

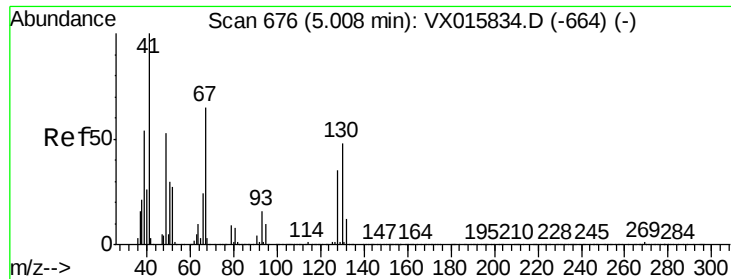
MMDadoda
4/24/2020 11:35:10 AM



#40
Benzene
Concen: 52.225 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.6	27.8





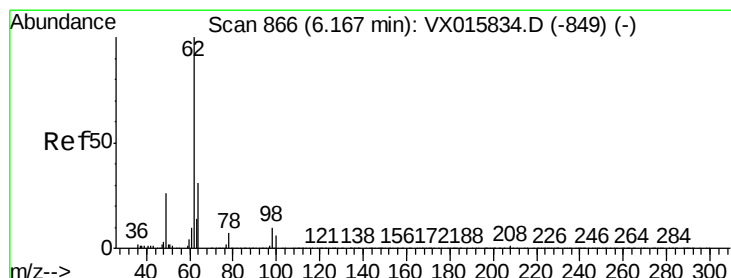
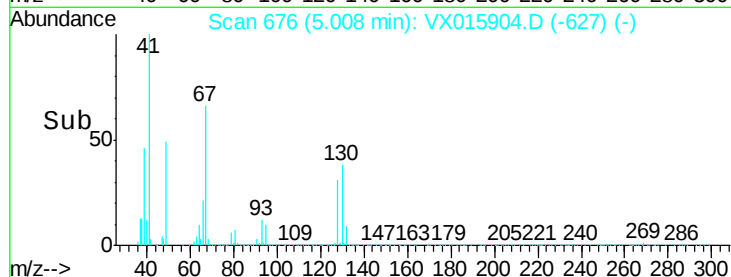
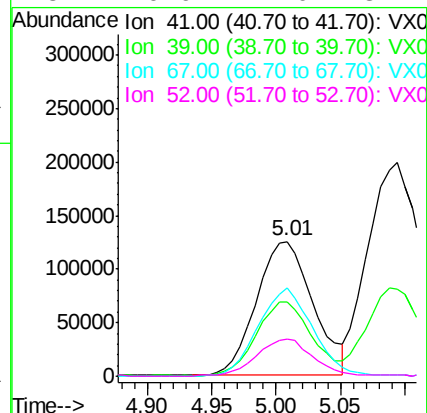
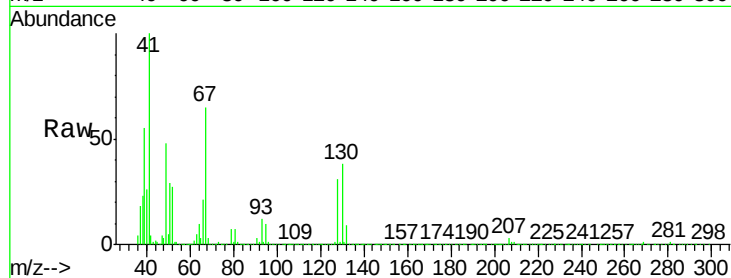
#41
Methacrylonitrile
Concen: 54.117 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.9	42.4	63.6
67	62.8	51.9	77.9
52	26.9	21.0	31.4

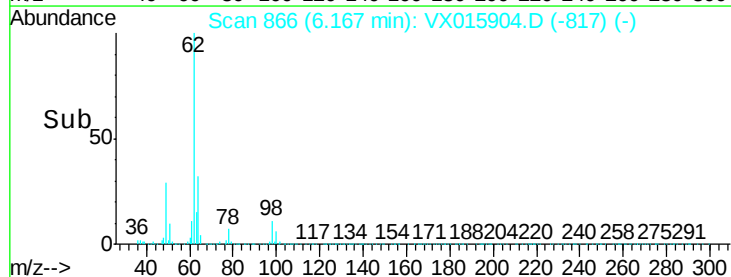
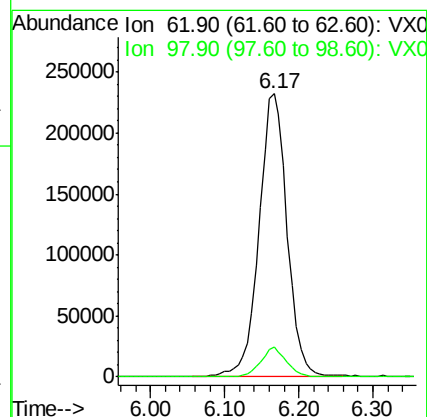
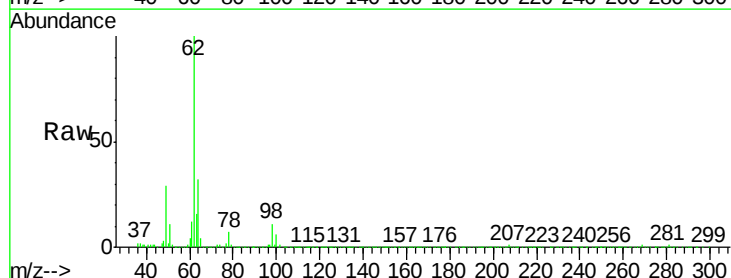
Manual Integrations
APPROVED

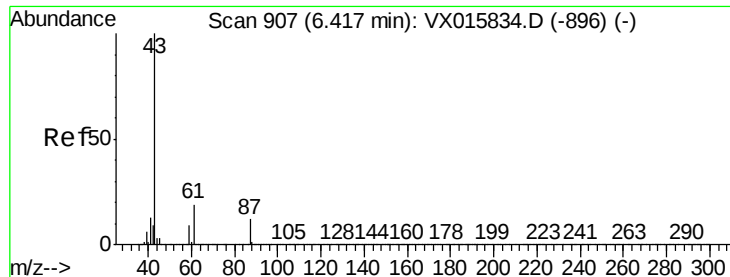
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.952 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.0





#43

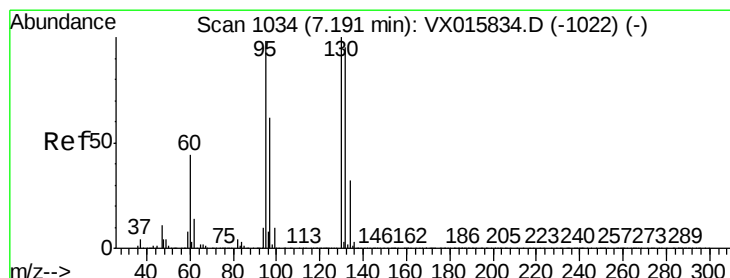
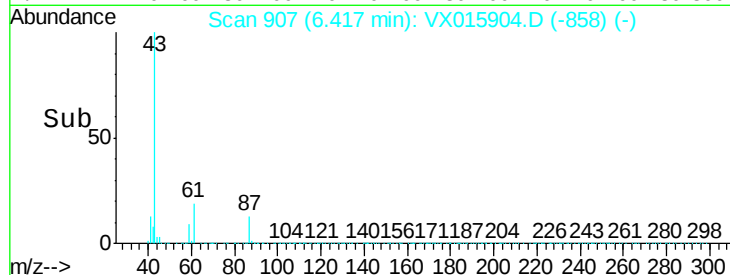
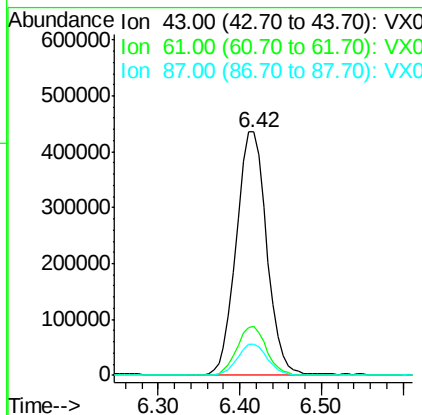
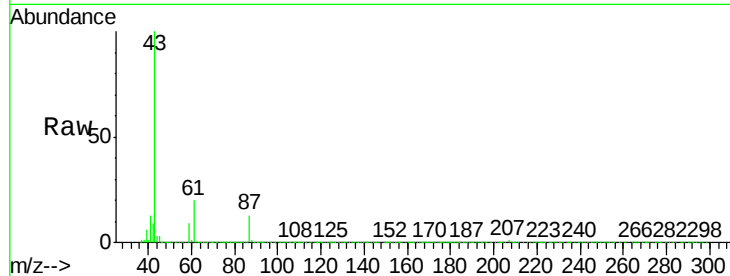
Isopropyl Acetate
 Concen: 52.127 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.4	23.2
87	12.6	9.8	14.6

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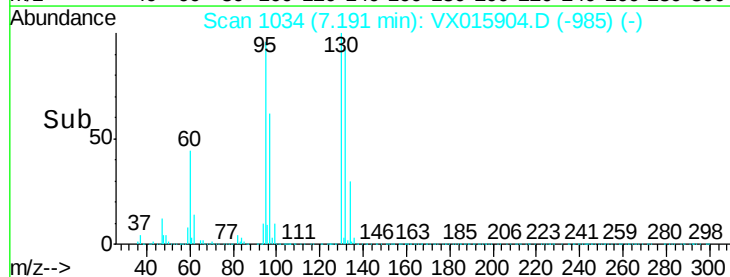
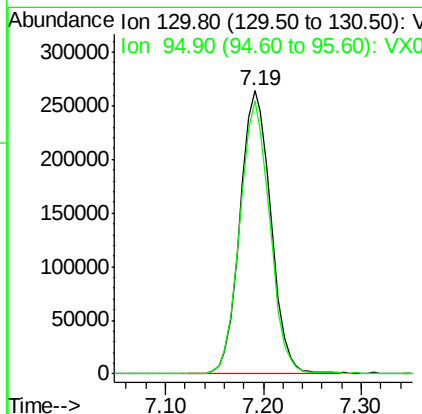
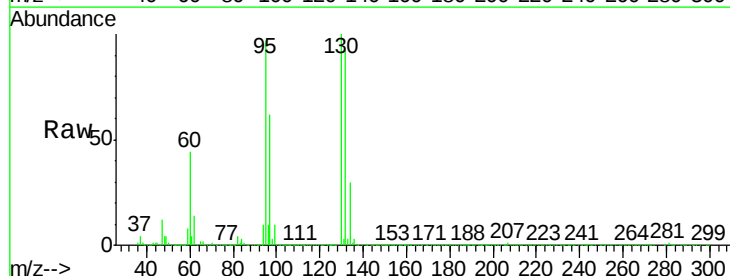
MMDadoda
 4/24/2020 11:35:10 AM

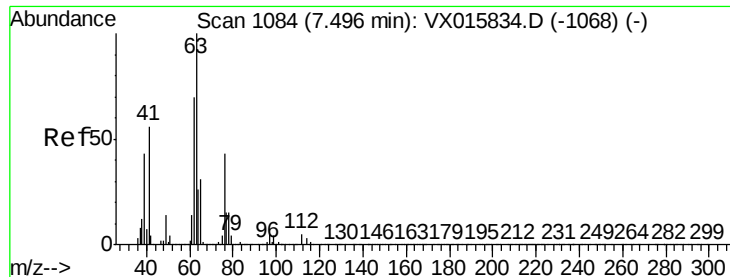


#44

Trichloroethene
 Concen: 50.880 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.4	0.0	195.8





#45

1,2-Dichloropropane

Concen: 53.705 ug/l

RT: 7.50 min Scan# 1084

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 453604

Ion Ratio Lower Upper

63 100

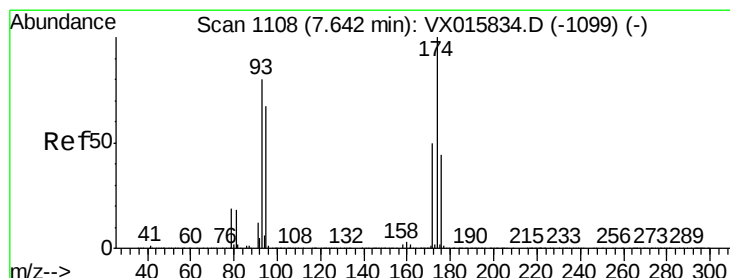
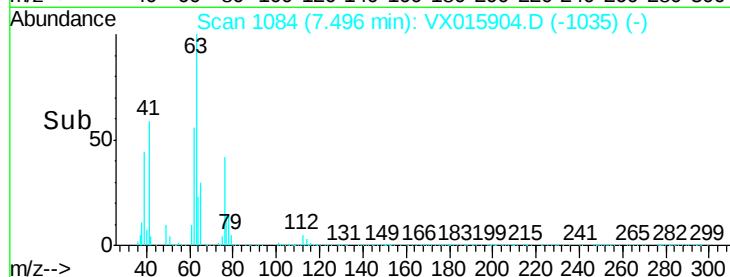
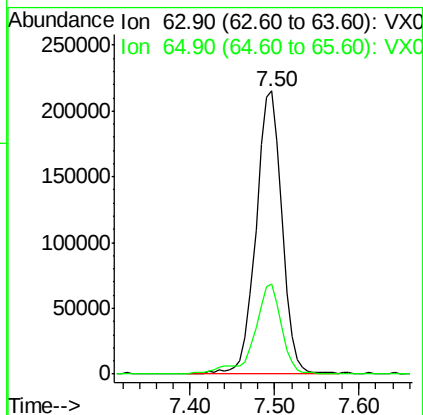
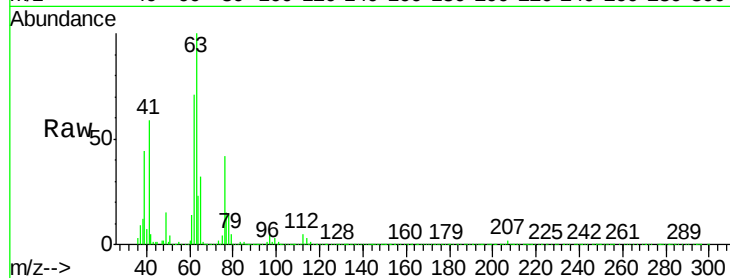
65 31.6 24.5 36.7

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#46

Dibromomethane

Concen: 48.610 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

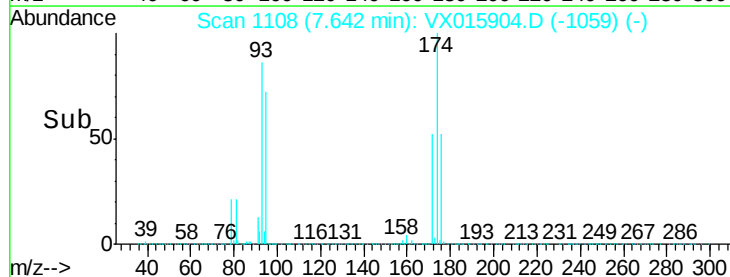
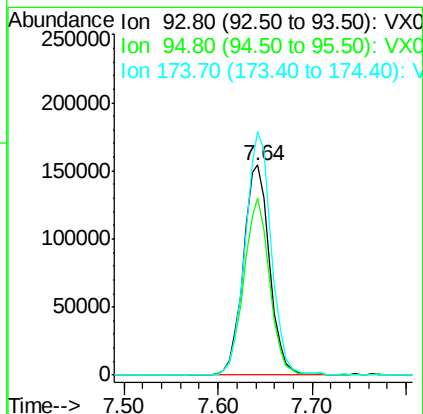
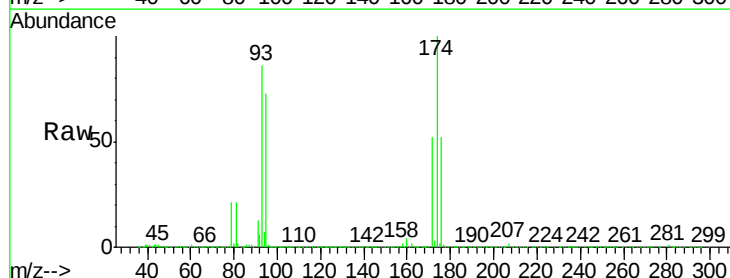
Tgt Ion: 93 Resp: 299715

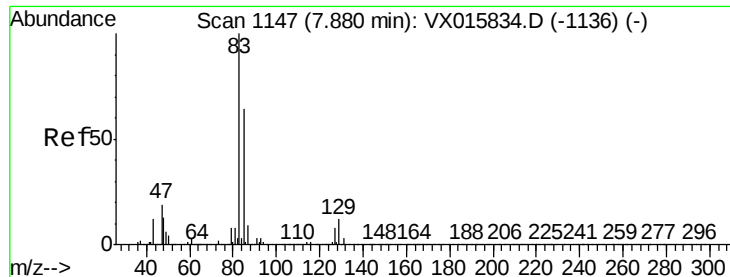
Ion Ratio Lower Upper

93 100

95 82.6 65.8 98.8

174 115.4 95.6 143.4





#47

Bromodichloromethane

Concen: 54.946 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

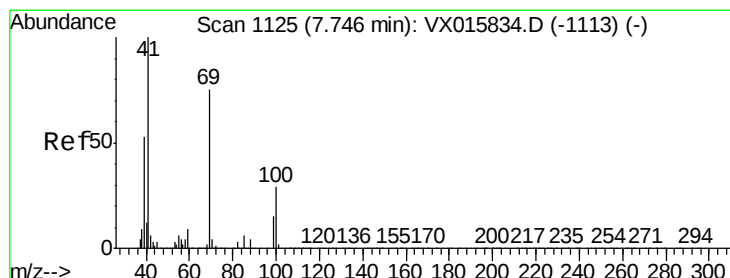
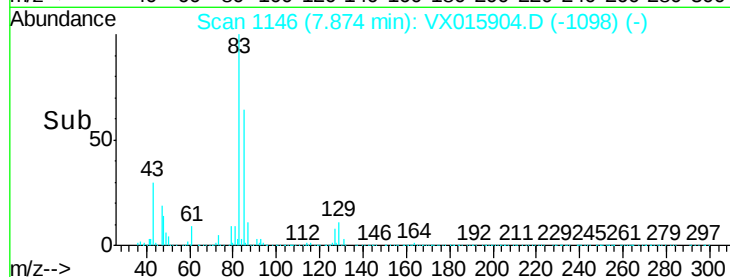
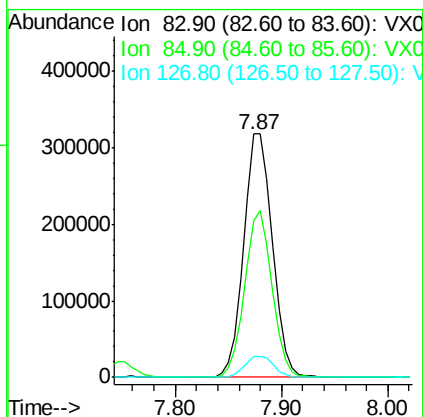
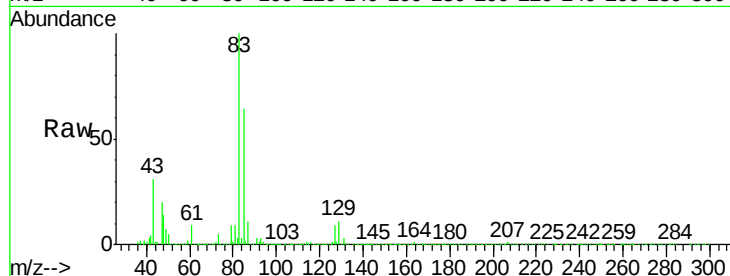
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	602690
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.8	76.2
127	8.5	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 53.374 ug/l

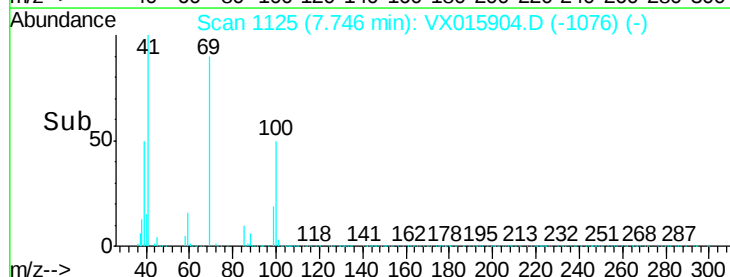
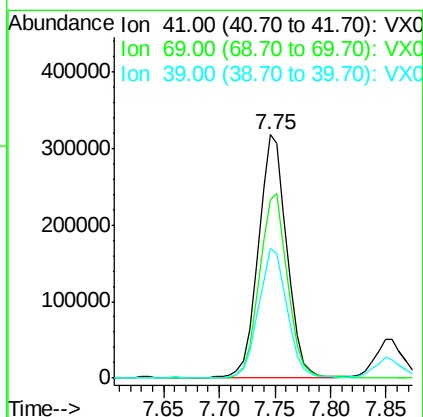
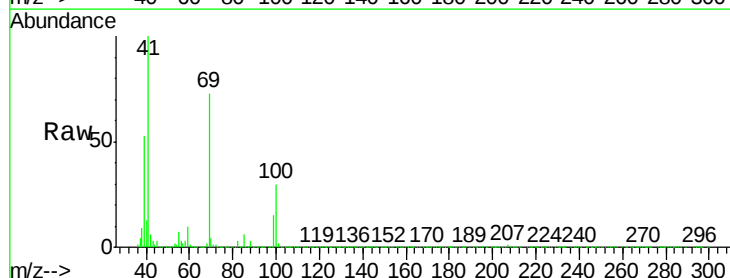
RT: 7.75 min Scan# 1125

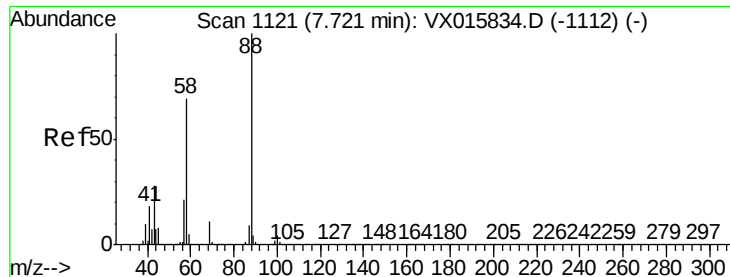
Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion:	41	Resp:	564018
Ion Ratio	Lower	Upper	
41	100		
69	75.4	60.5	90.7
39	53.3	42.1	63.1





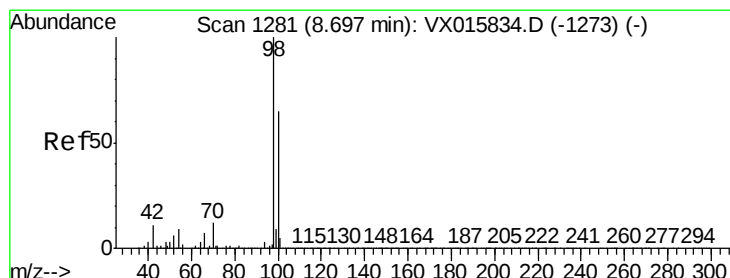
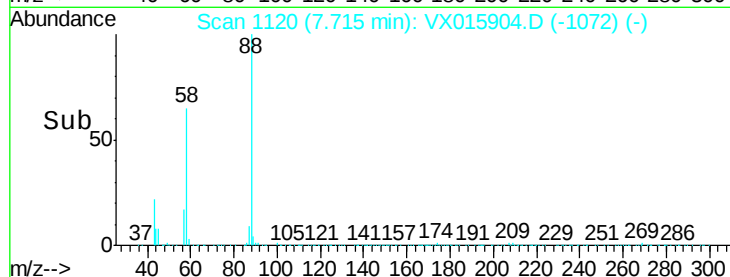
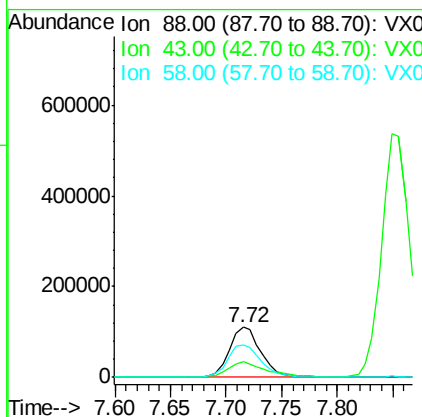
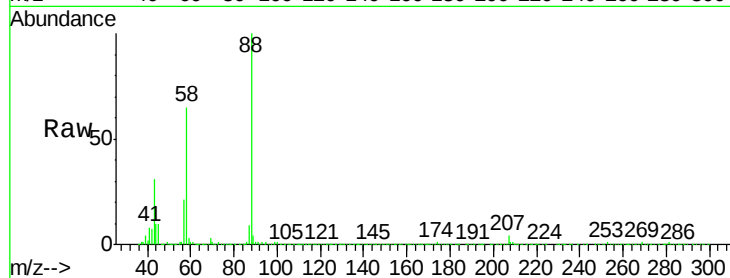
#49
1,4-Dioxane
Concen: 1059.079 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	28.2	42.4
58	70.5	58.9	88.3

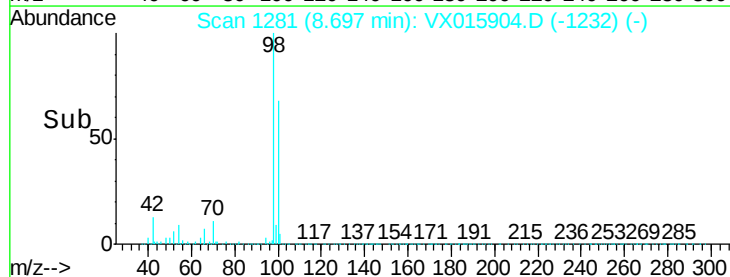
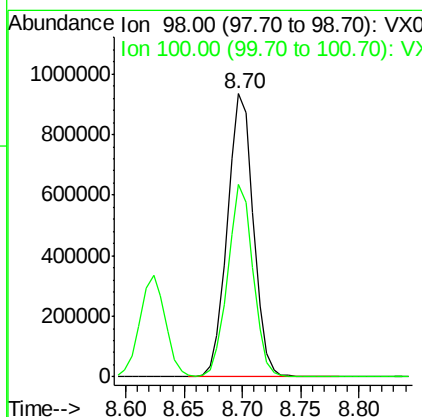
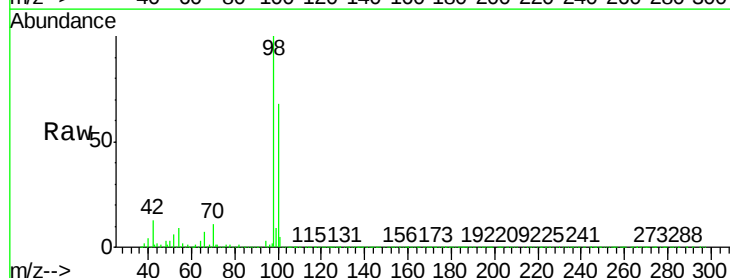
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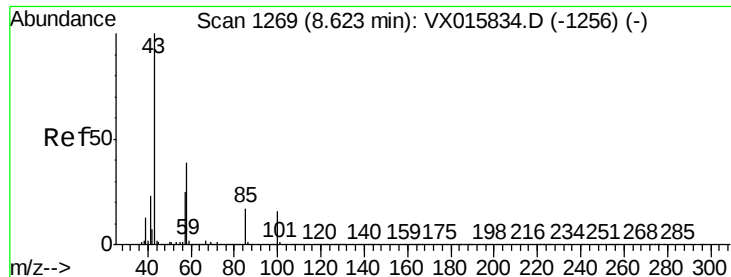
MMDadoda
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#50
Toluene-d8
Concen: 51.742 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 266.136 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tot Ion: 43 Resp: 3300076

Ion Ratio Lower Upper

43 100

58 38.1 30.6 45.8

Instrument :

MSVOA_X

ClientSampleId :

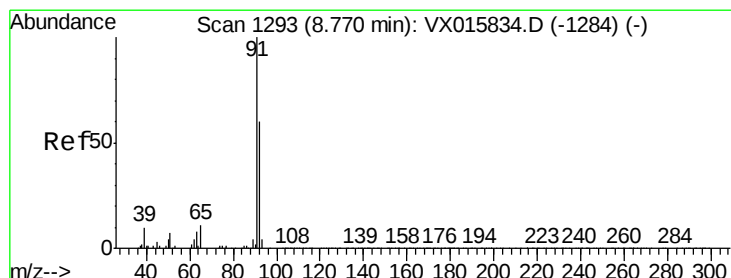
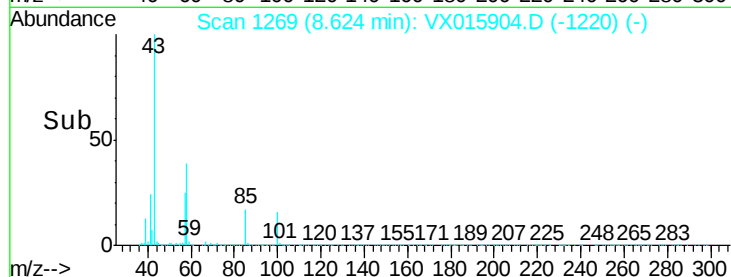
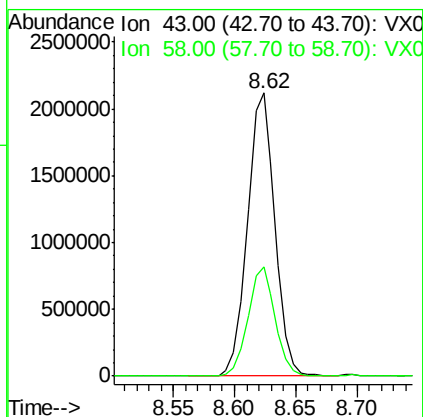
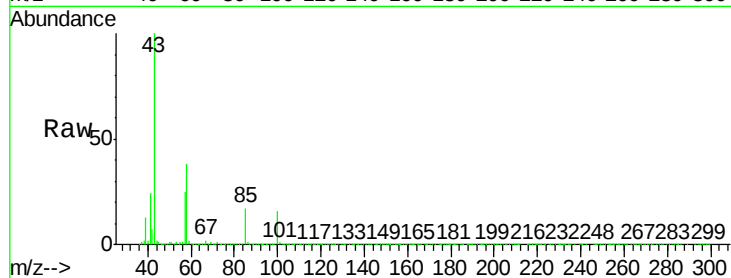
VSTDCCC050

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#52

Toluene

Concen: 52.469 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015904.D

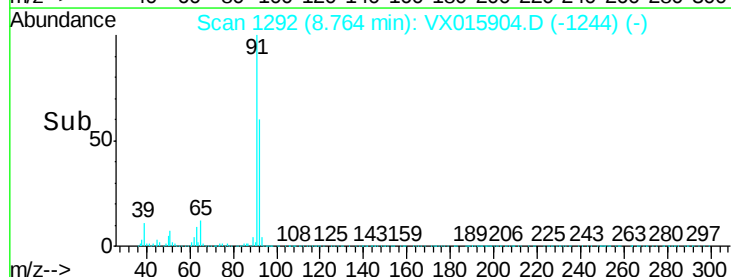
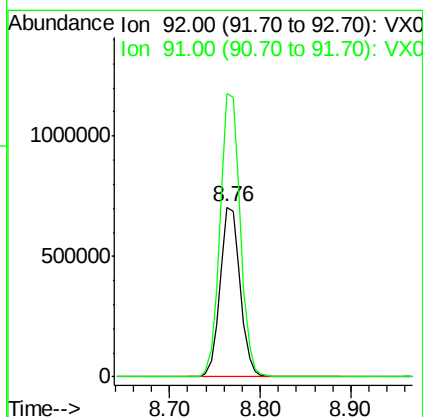
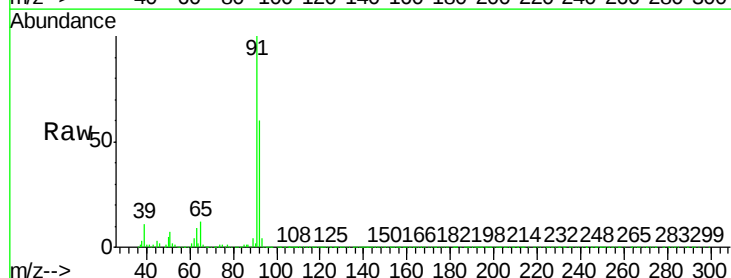
Acq: 23 Apr 2020 20:47

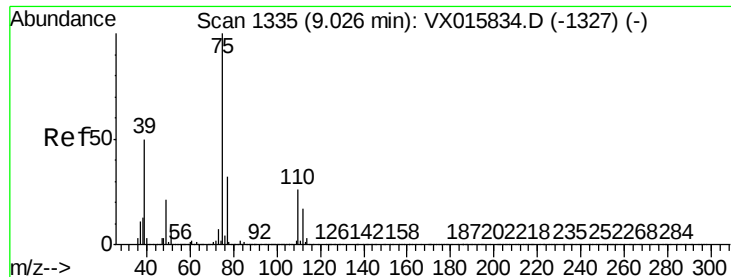
Tgt Ion: 92 Resp: 1083935

Ion Ratio Lower Upper

92 100

91 169.0 133.4 200.0





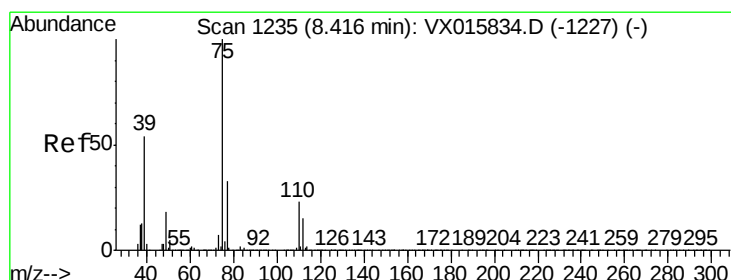
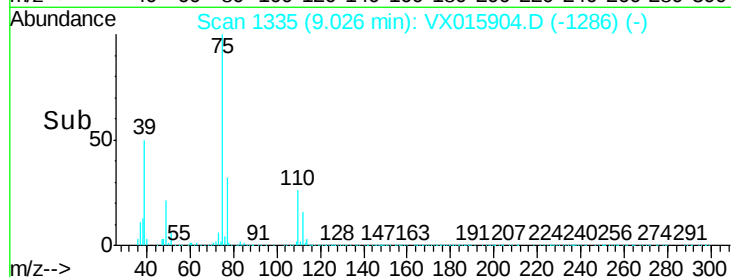
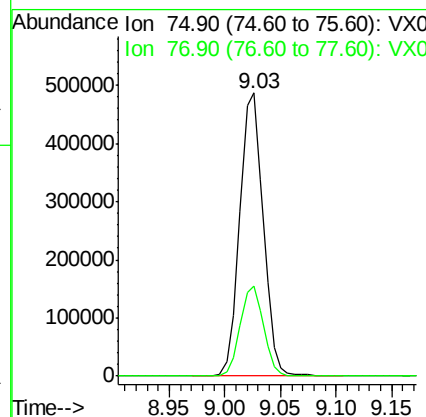
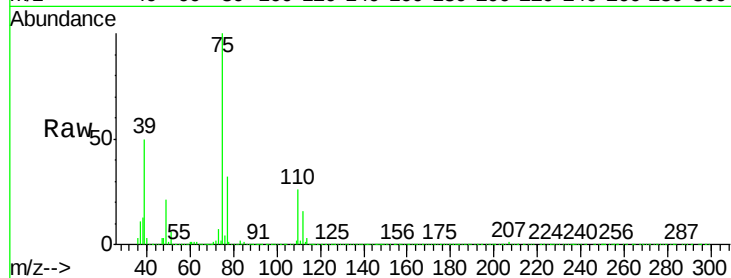
#53
t-1,3-Dichloropropene
Concen: 52.229 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.9	38.9

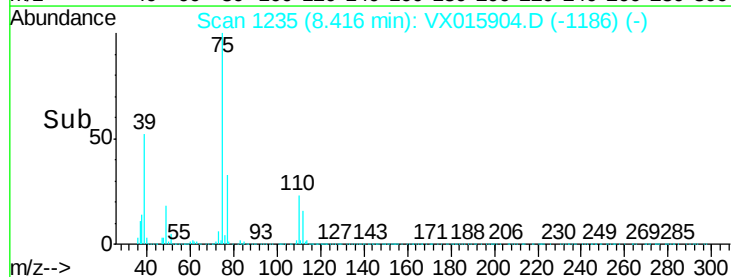
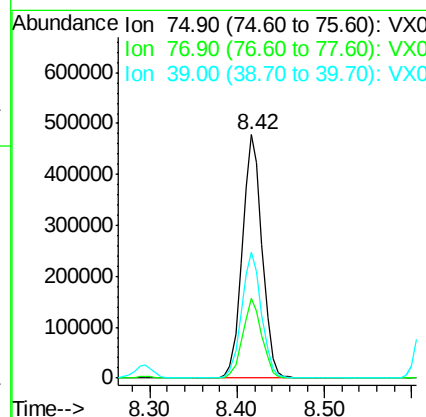
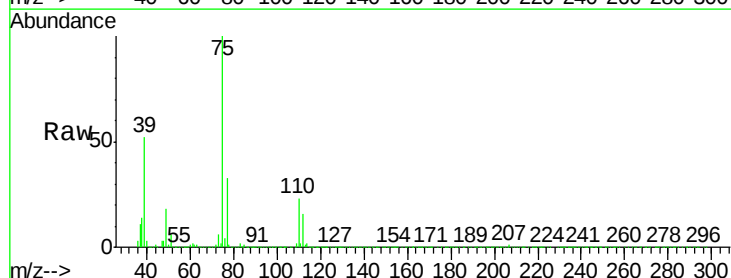
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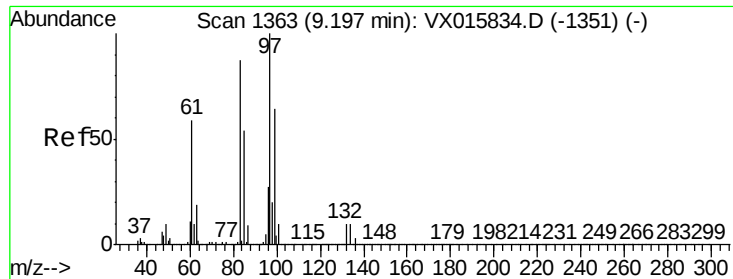
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 52.500 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
39	51.6	42.8	64.2





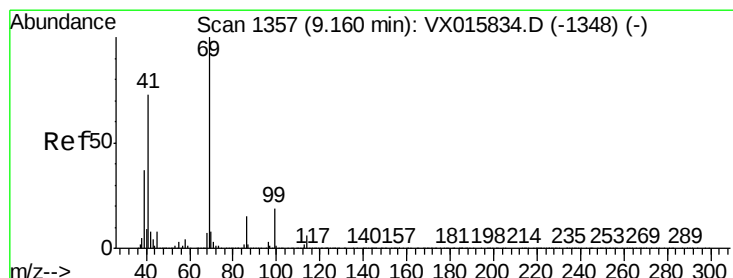
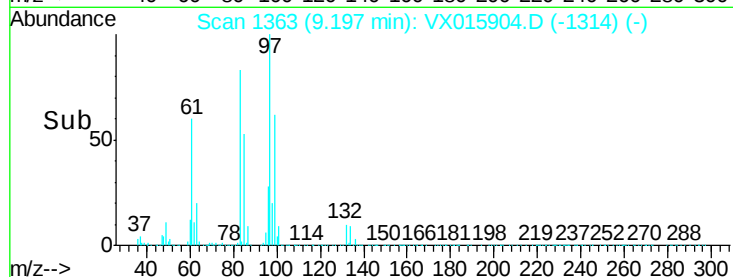
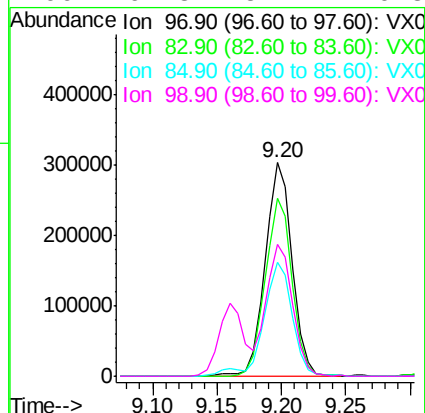
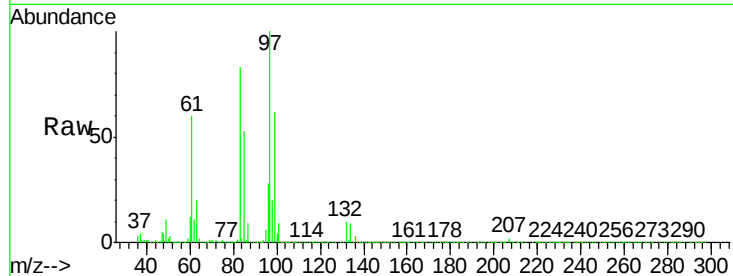
#55
 1,1,2-Trichloroethane
 Concen: 54.436 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		439119		
83	83.4	69.8	104.8		
85	53.1	43.4	65.2		
99	61.8	51.2	76.8		

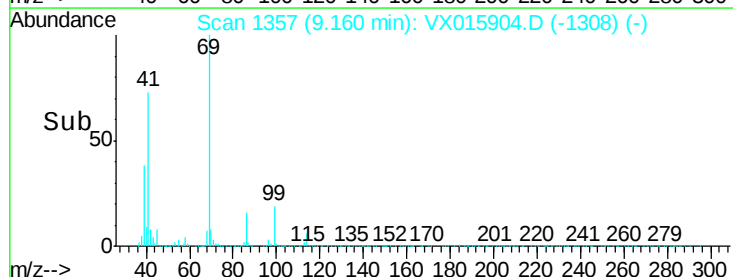
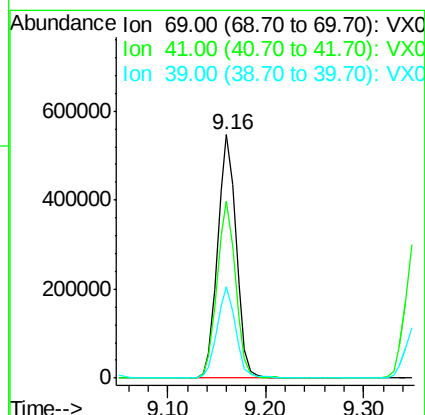
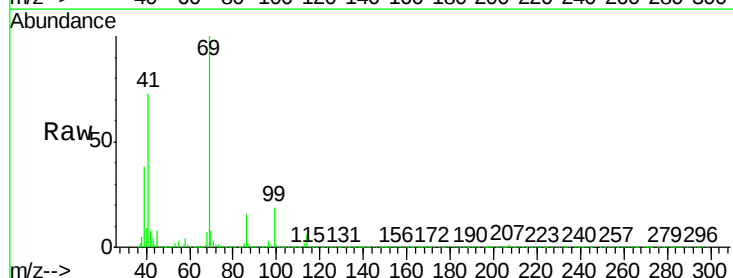
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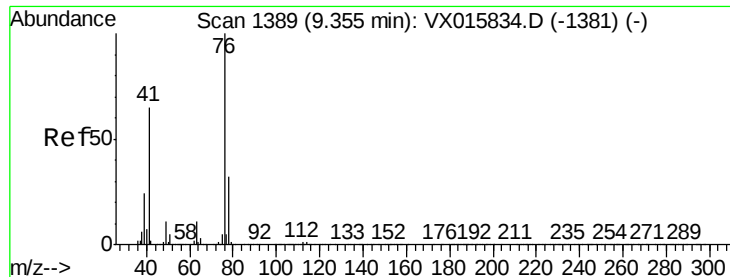
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#56
 Ethyl methacrylate
 Concen: 53.183 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		726669		
41	72.0	57.4	86.2		
39	37.2	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 53.358 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 747951

Ion Ratio Lower Upper

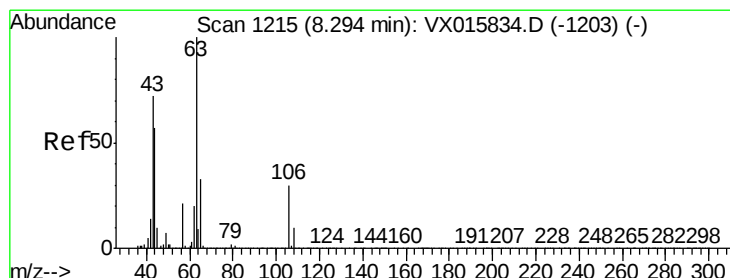
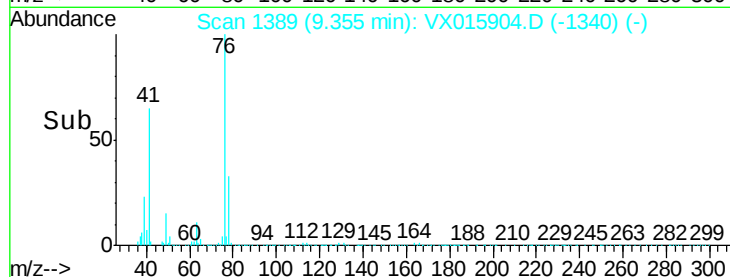
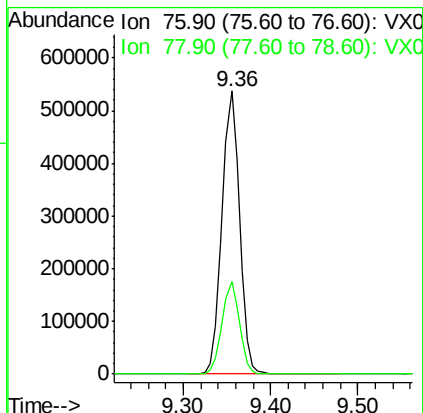
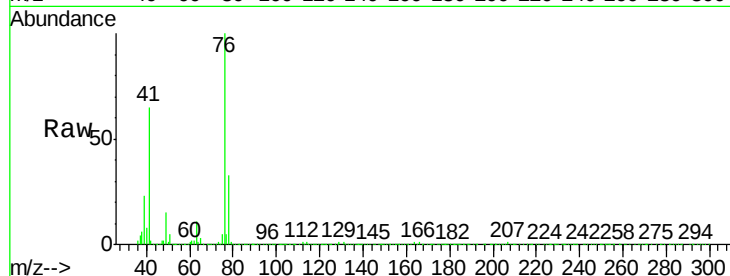
76 100

78 32.3 25.4 38.2

Manual Integrations
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4/24/2020 11:35:10 AM



#58

2-Chloroethyl Vinyl ether

Concen: 266.314 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015904.D

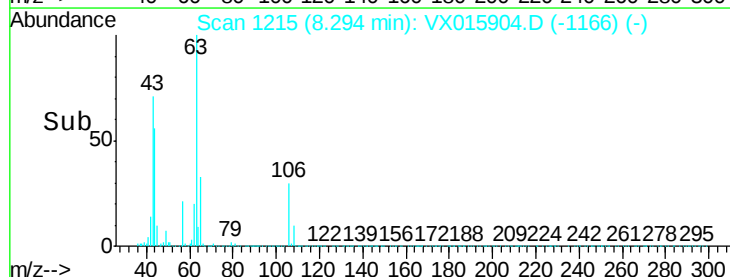
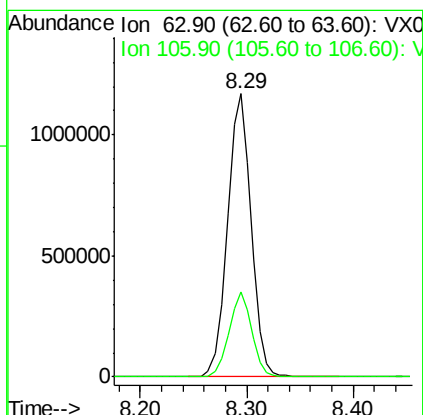
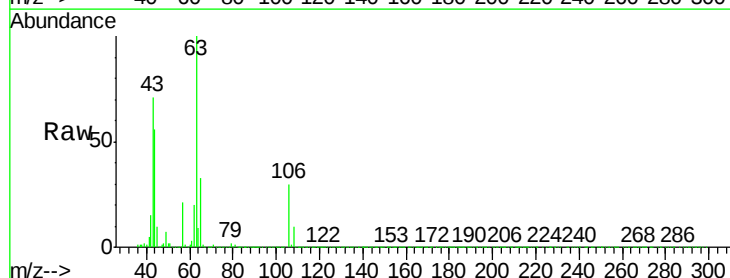
Acq: 23 Apr 2020 20:47

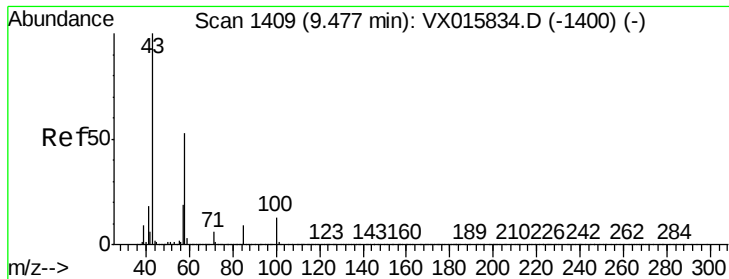
Tgt Ion: 63 Resp: 1817804

Ion Ratio Lower Upper

63 100

106 29.0 23.8 35.8





#59

2-Hexanone

Concen: 264.261 ug/l

RT: 9.47 min Scan# 1408

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2496312

Ion Ratio Lower Upper

43 100

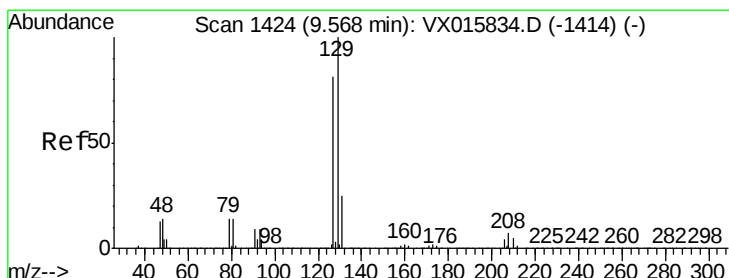
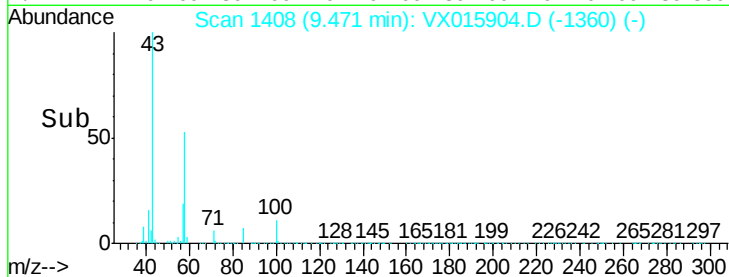
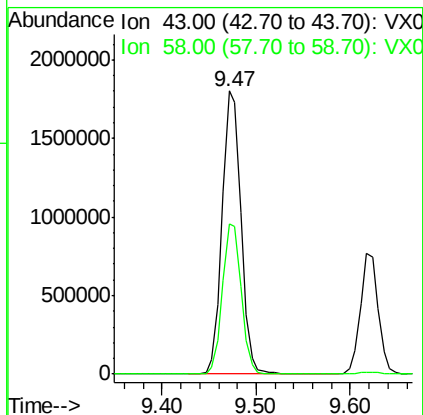
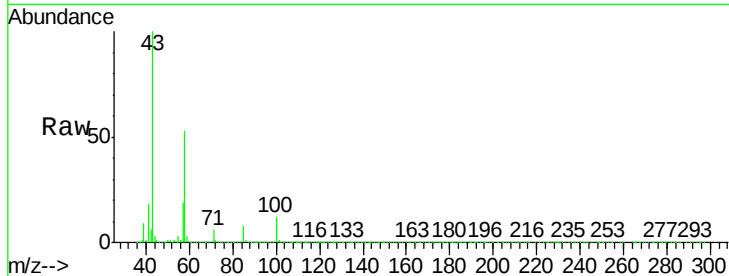
58 53.3 26.5 79.4

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#60

Dibromochloromethane

Concen: 59.350 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015904.D

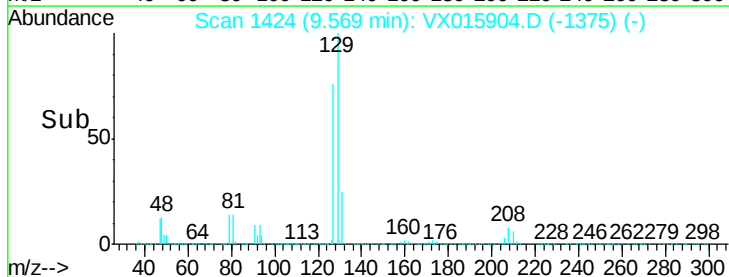
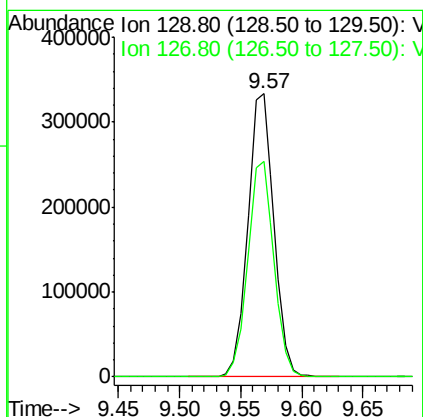
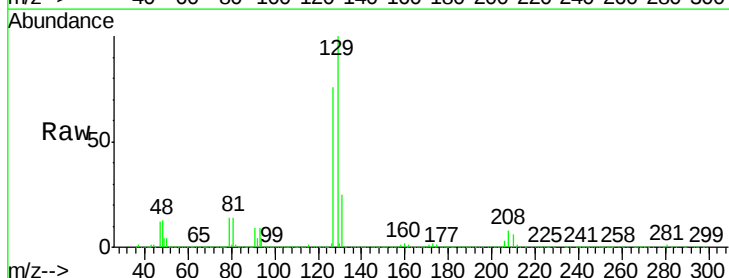
Acq: 23 Apr 2020 20:47

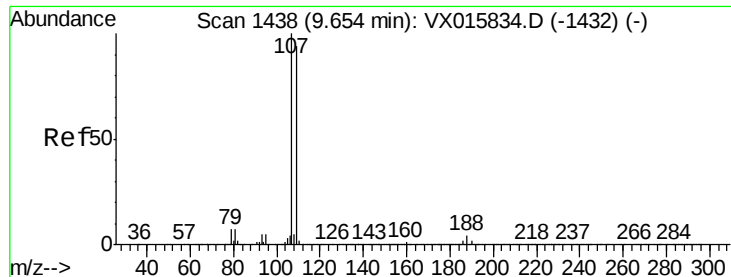
Tgt Ion: 129 Resp: 494413

Ion Ratio Lower Upper

129 100

127 76.5 40.0 120.0





#61

1,2-Dibromoethane

Concen: 52.625 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 469175

Ion Ratio Lower Upper

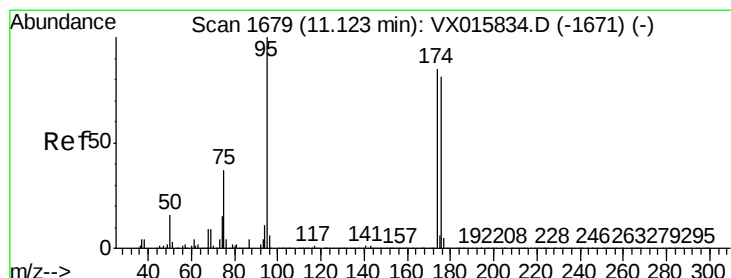
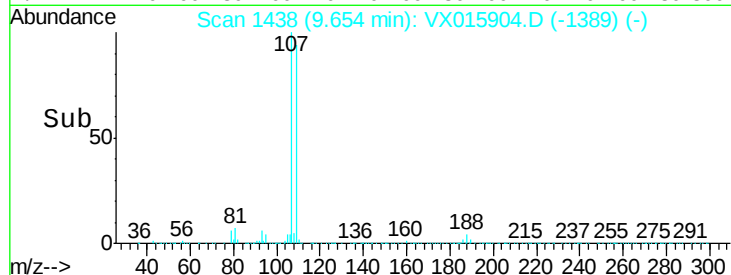
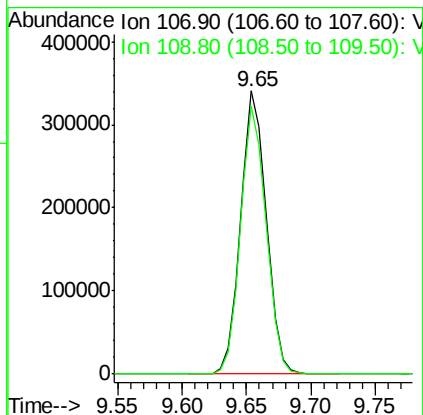
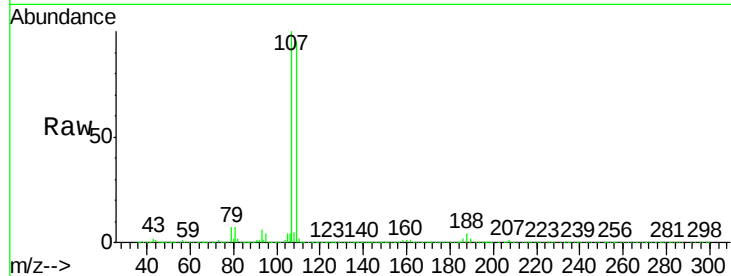
107 100

109 94.3 75.4 113.0

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#62

4-Bromofluorobenzene

Concen: 50.346 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

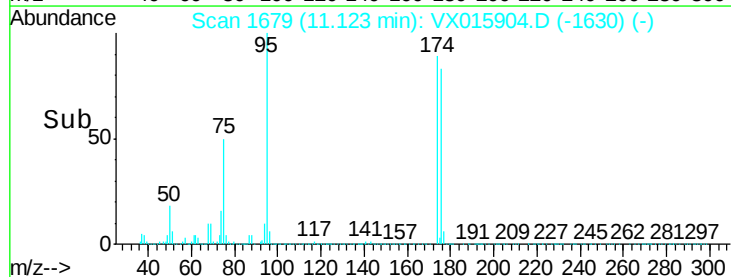
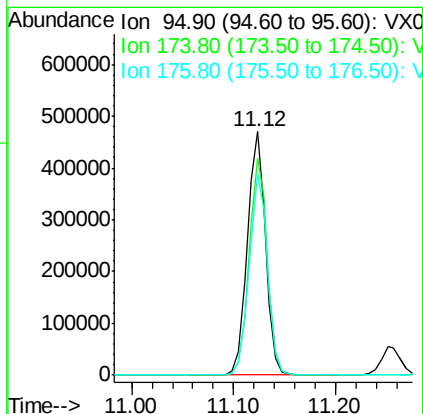
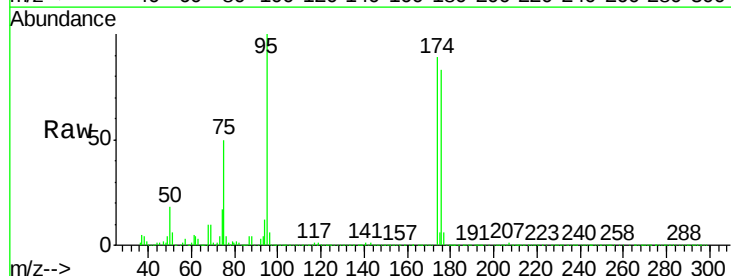
Tgt Ion: 95 Resp: 579302

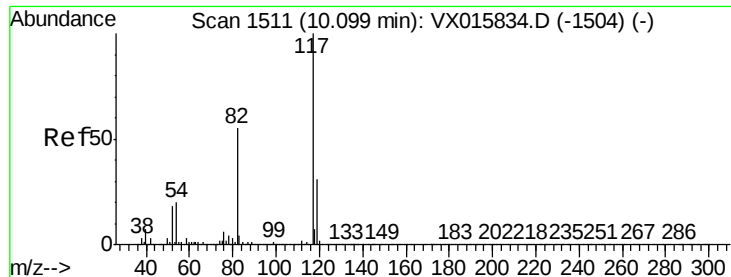
Ion Ratio Lower Upper

95 100

174 89.8 0.0 172.4

176 83.7 0.0 167.0





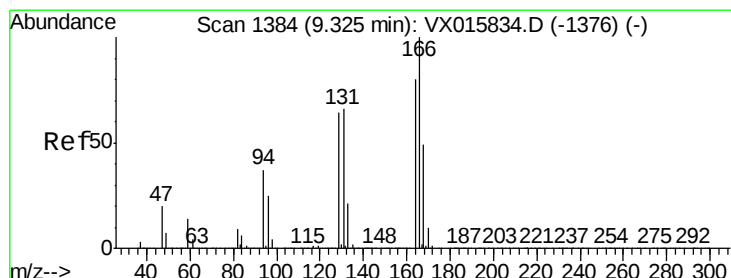
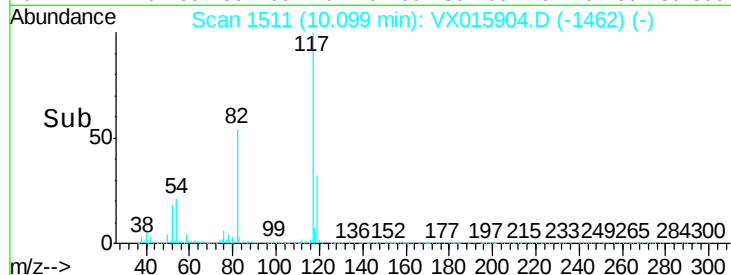
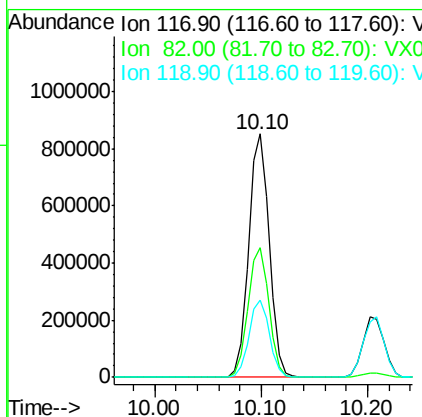
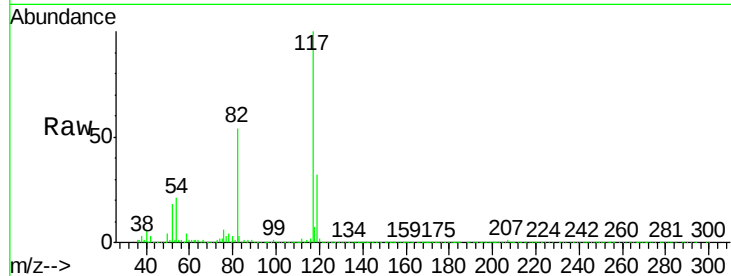
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.5	43.9	65.9
119	31.8	25.1	37.7

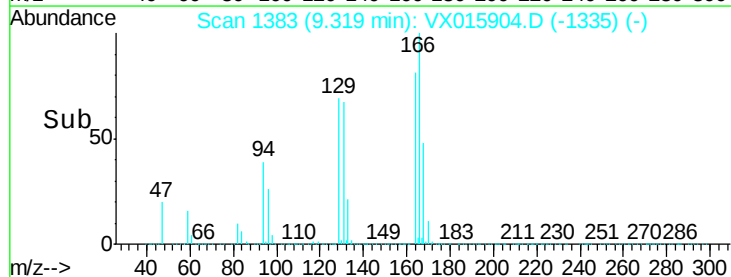
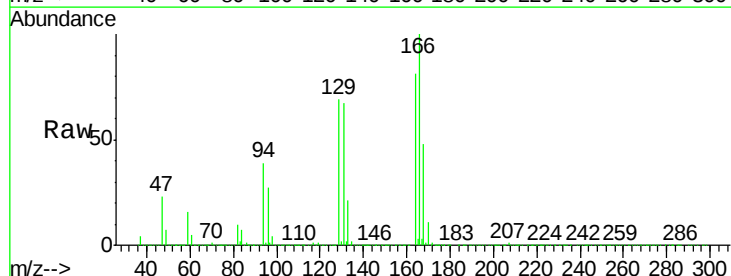
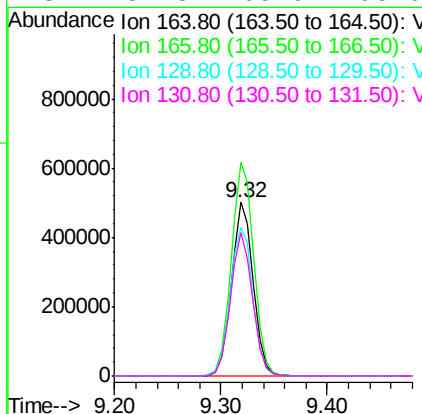
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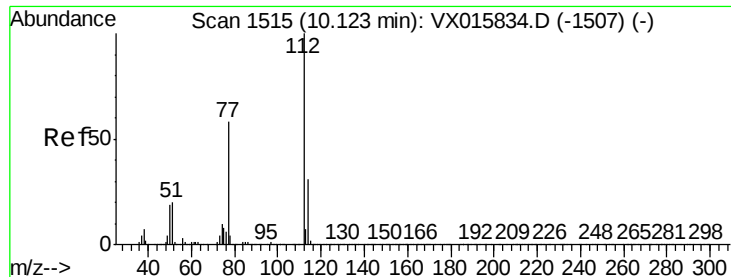
MMDadoda
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#64
Tetrachloroethene
Concen: 45.951 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.9	100.2	150.2
129	85.2	64.5	96.7
131	82.3	65.9	98.9





#65

Chlorobenzene

Concen: 51.143 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 1182494

Ion Ratio Lower Upper

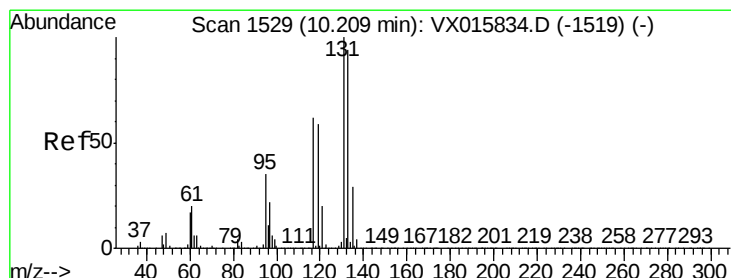
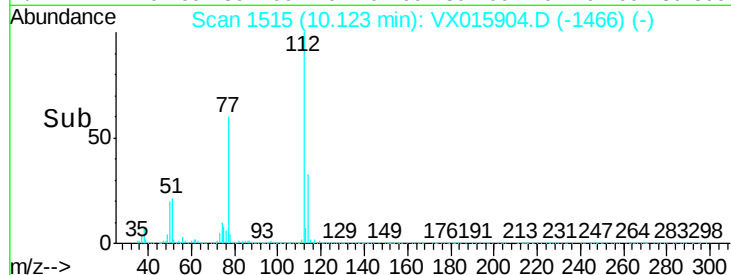
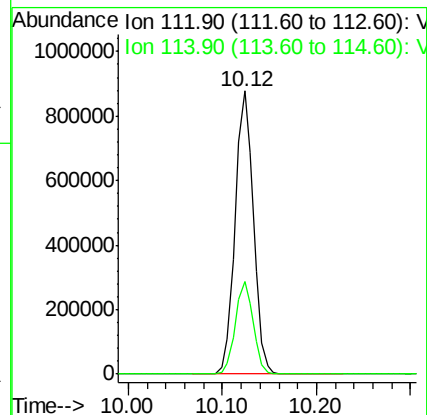
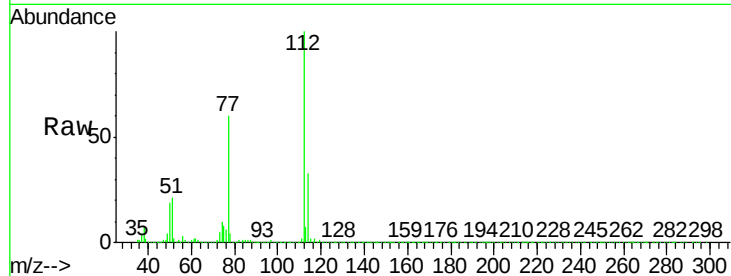
112 100

114 32.9 25.0 37.4

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#66

1,1,1,2-Tetrachloroethane

Concen: 53.159 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

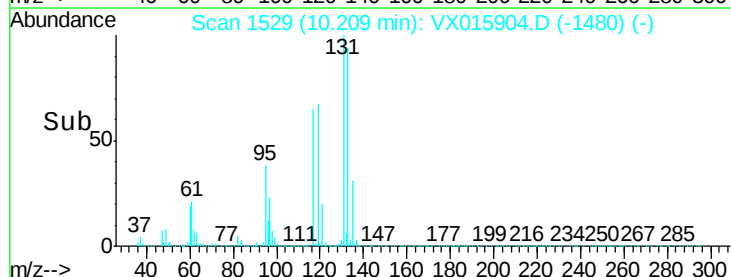
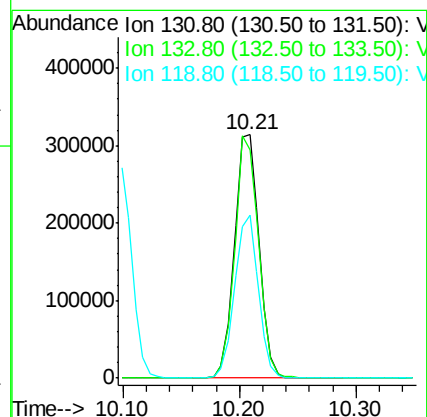
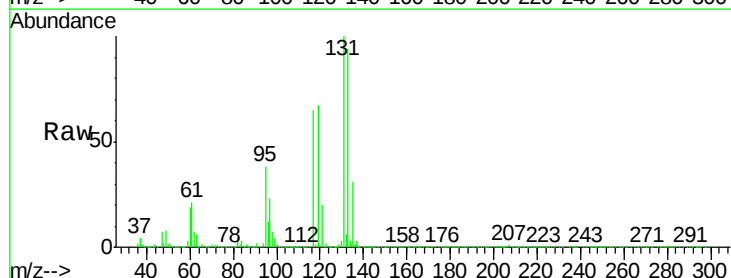
Tgt Ion:131 Resp: 459435

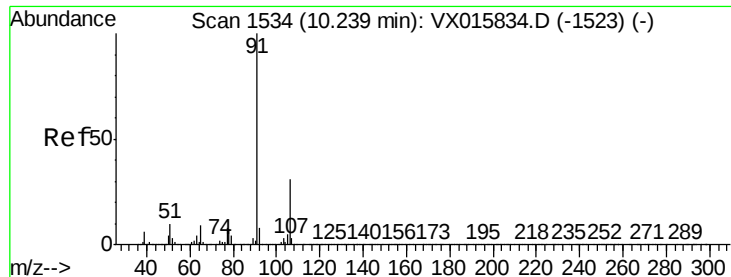
Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.2

119 64.5 30.9 92.8





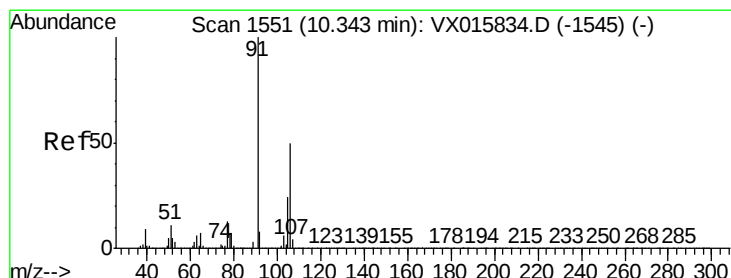
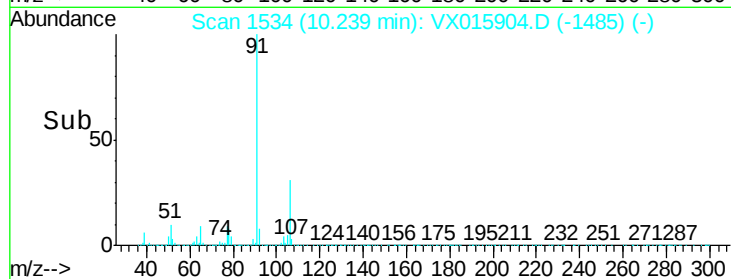
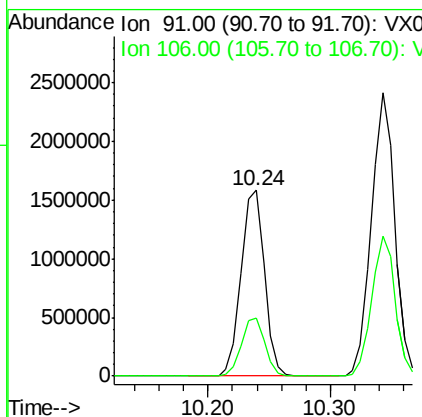
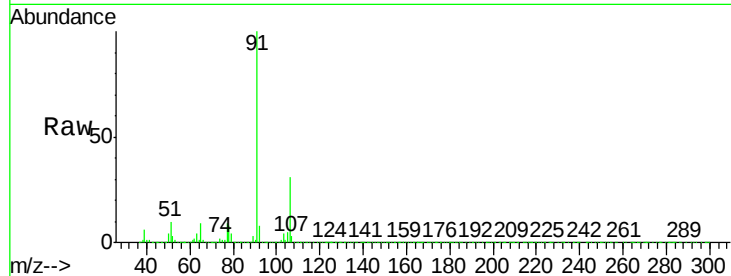
#67
Ethyl Benzene
Concen: 51.647 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 2097038
Ion Ratio Lower Upper
91 100
106 31.1 25.0 37.4

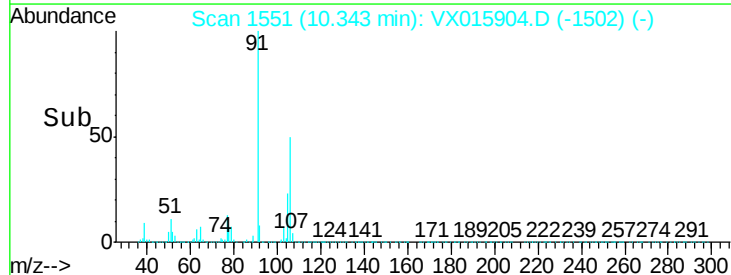
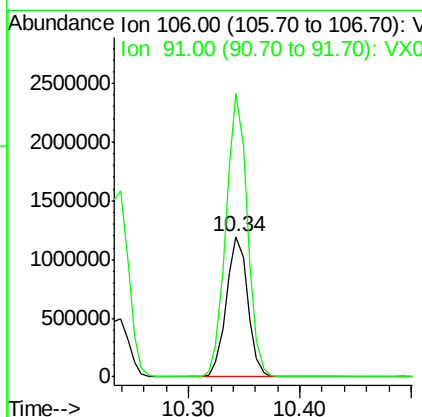
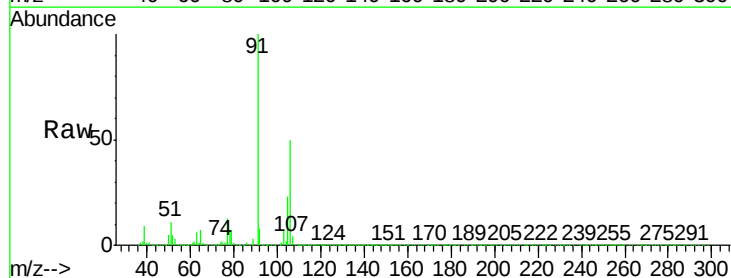
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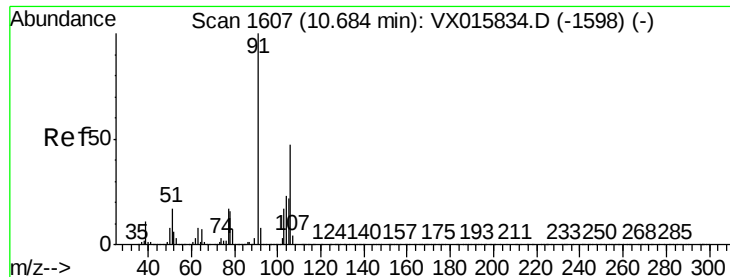
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#68
m/p-Xylenes
Concen: 104.349 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion: 106 Resp: 1590316
Ion Ratio Lower Upper
106 100
91 201.9 161.1 241.7





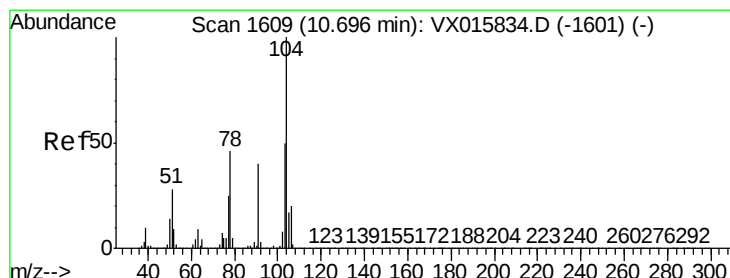
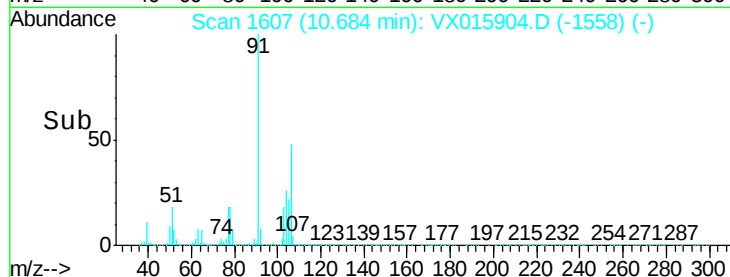
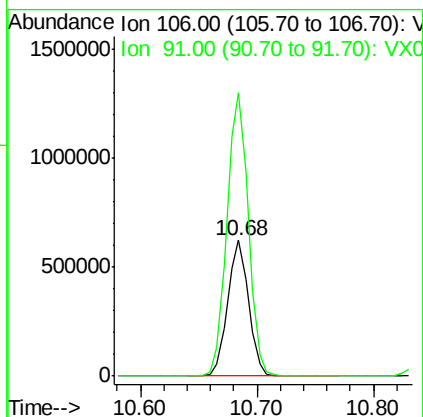
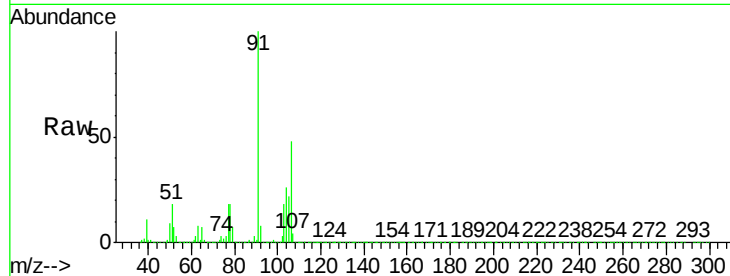
#69
o-Xylene
Concen: 51.733 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.5	107.1	321.3

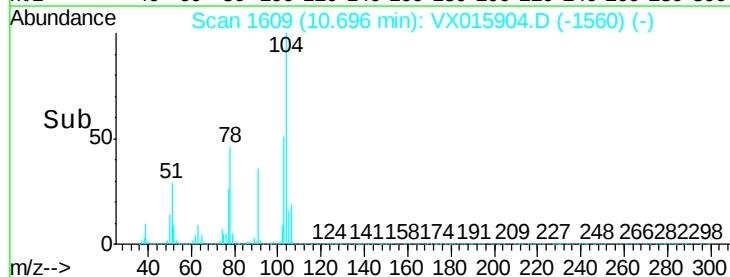
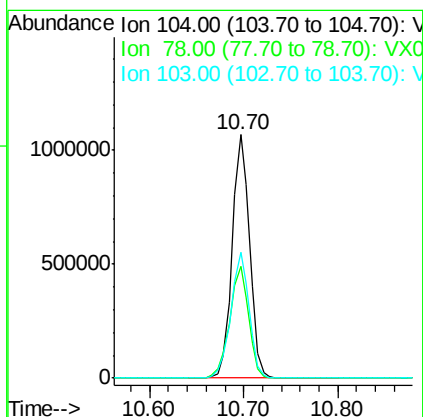
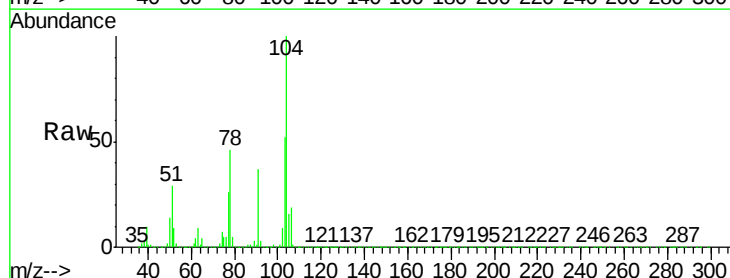
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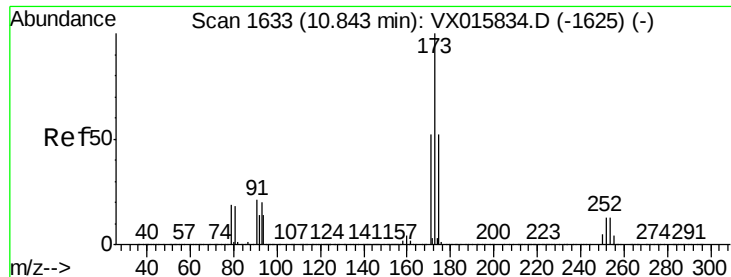
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#70
Styrene
Concen: 52.655 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	49.6	40.1	60.1
103	54.3	43.3	64.9





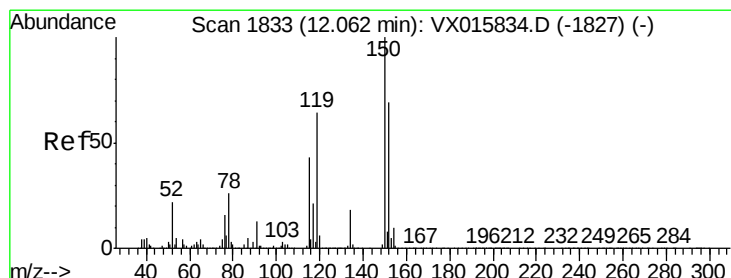
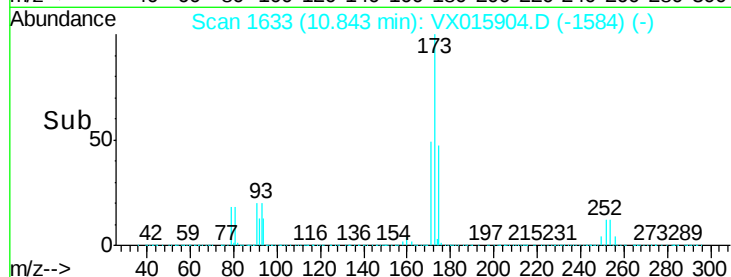
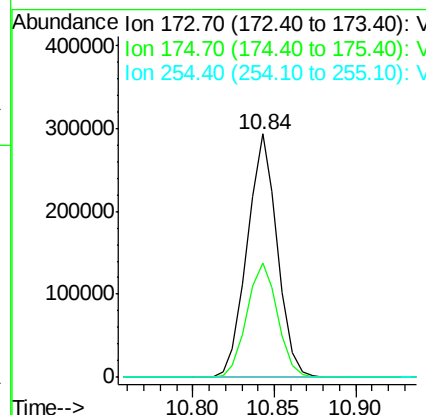
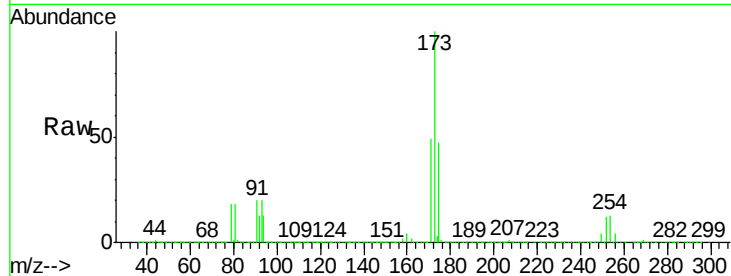
#71
Bromoform
Concen: 66.932 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	25.1	75.4
254	0.3	0.3	0.5

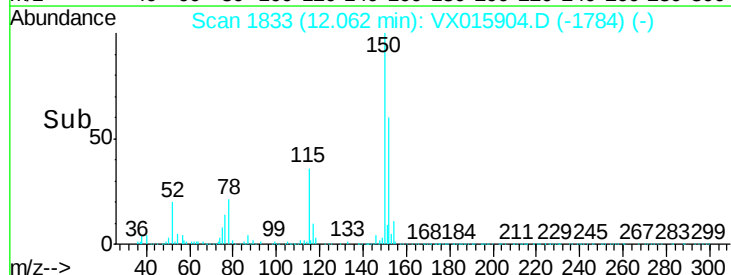
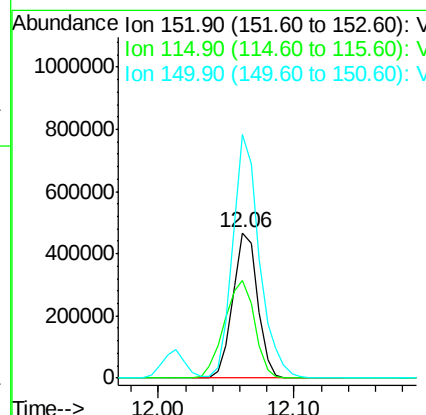
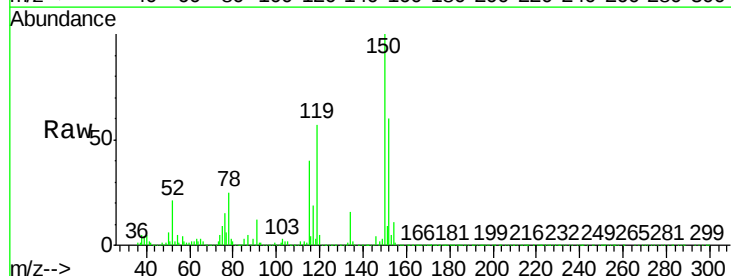
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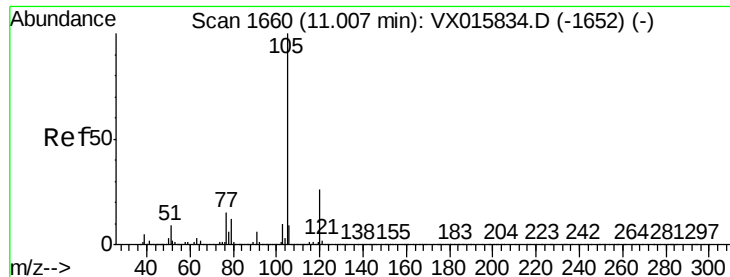
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.6	39.0	116.9
150	180.3	0.0	336.8





#73

Isopropylbenzene

Concen: 55.795 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2086633

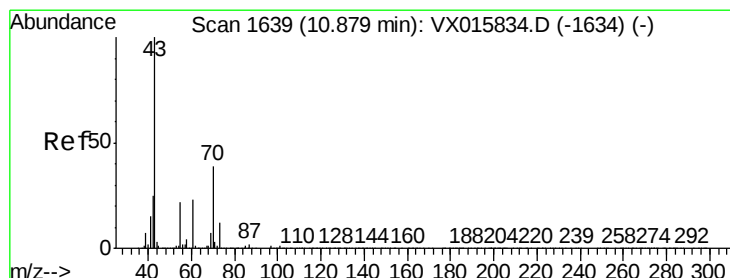
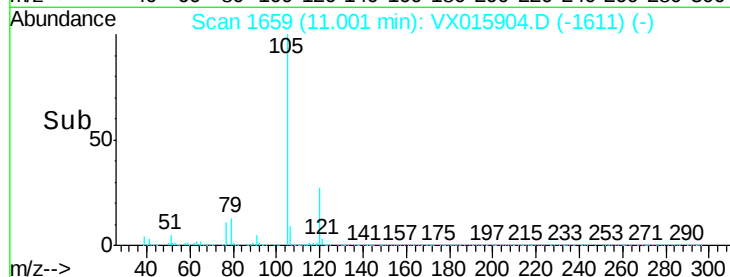
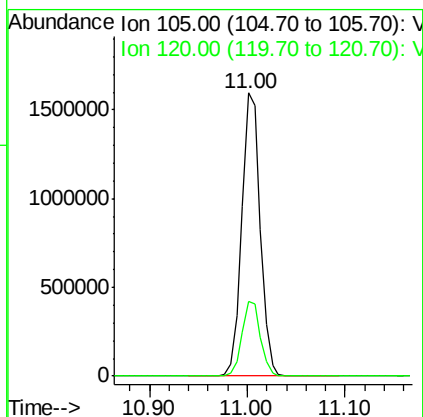
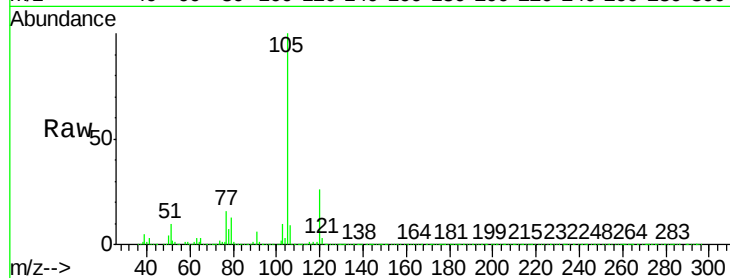
Ion Ratio Lower Upper

105 100

120 26.3 13.1 39.1

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#74

N-ethyl acetate

Concen: 53.809 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion: 43 Resp: 1038884

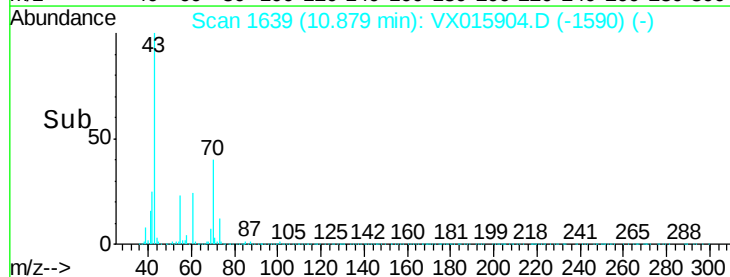
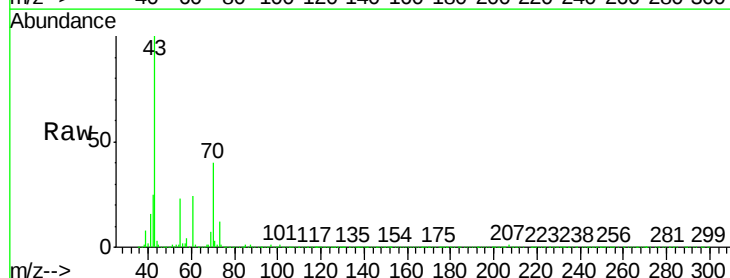
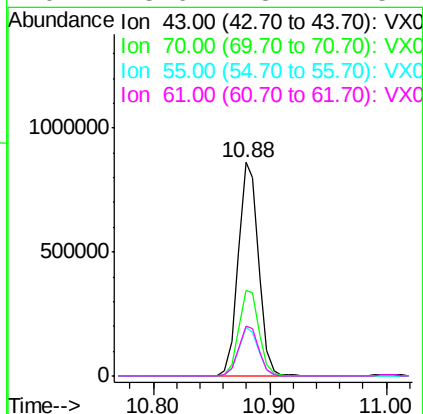
Ion Ratio Lower Upper

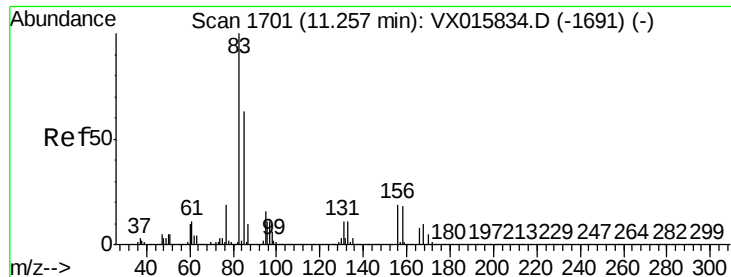
43 100

70 40.4 32.6 49.0

55 22.3 18.3 27.5

61 23.6 18.7 28.1





#75

1,1,2,2-Tetrachloroethane

Concen: 59.178 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

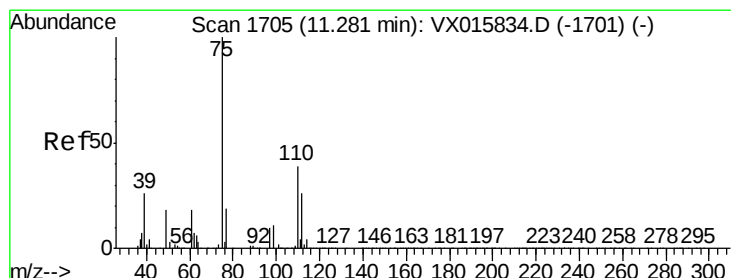
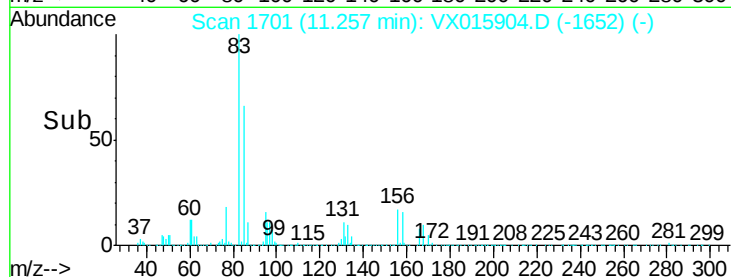
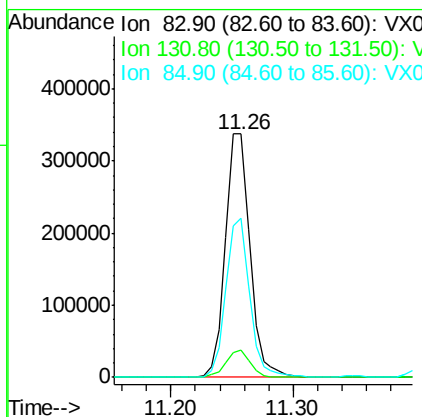
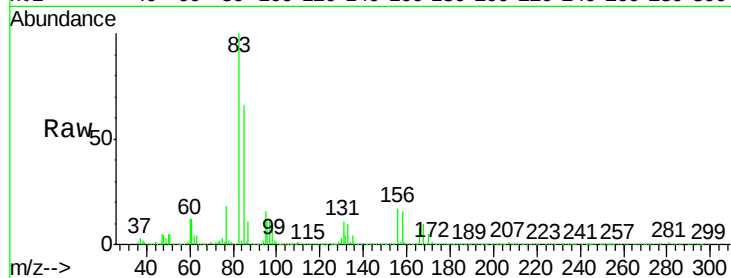
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	468377
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	63.6	32.4	97.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.783 ug/l m

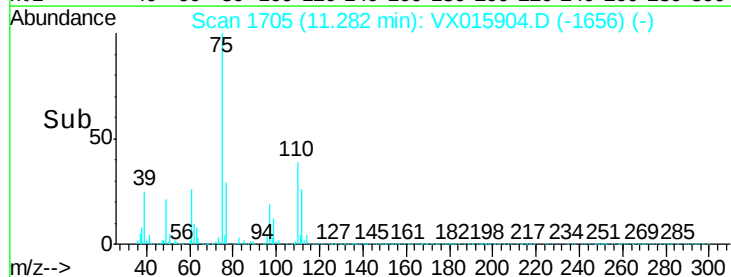
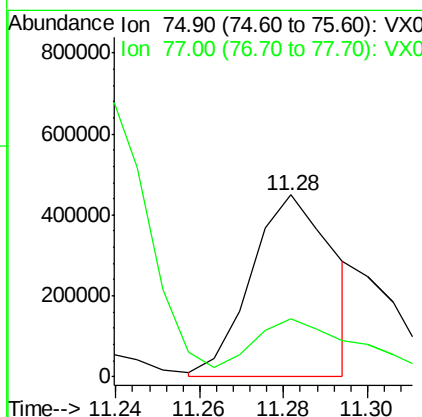
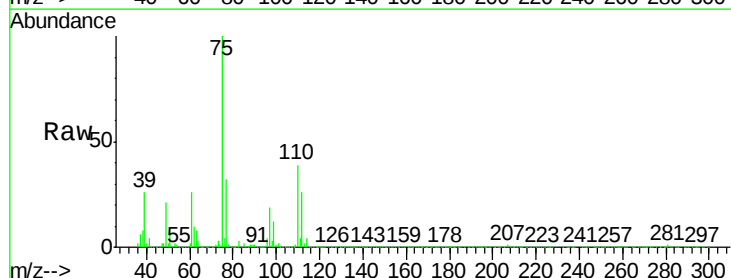
RT: 11.28 min Scan# 1705

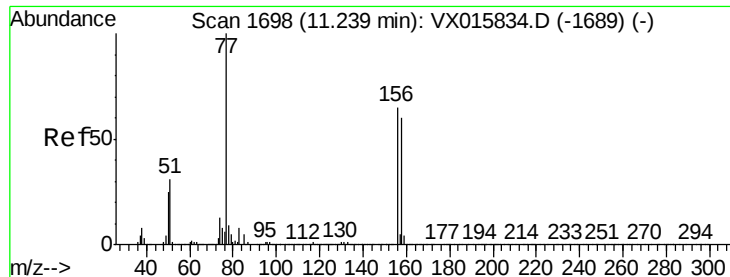
Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion:	75	Resp:	613432
Ion Ratio	Lower	Upper	
75	100		
77	41.1	21.3	63.9





#77

Bromobenzene

Concen: 55.791 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

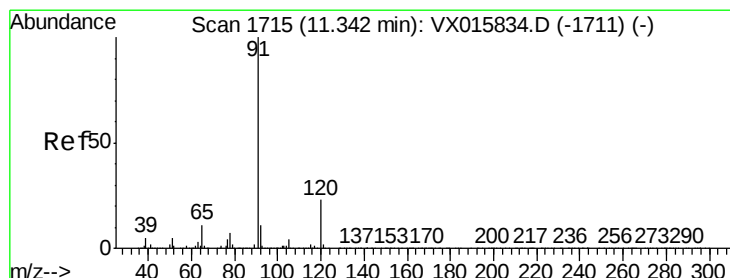
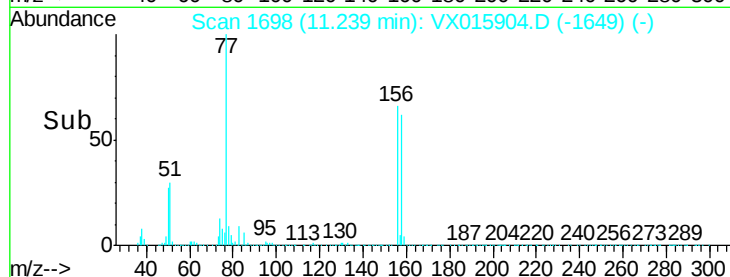
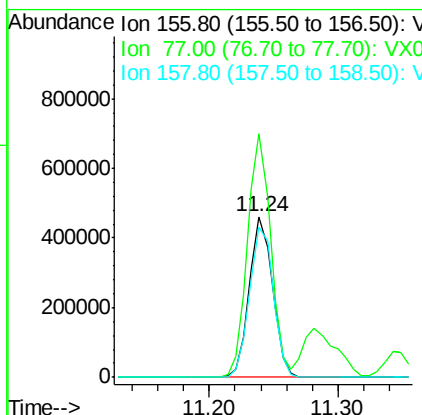
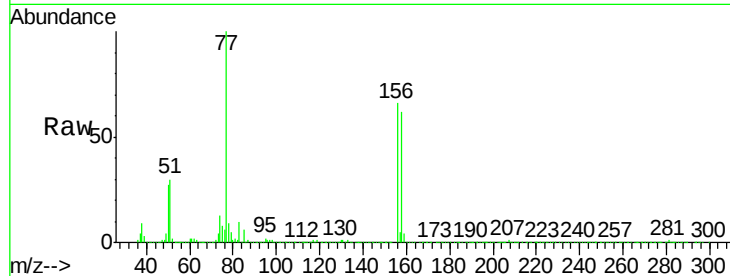
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	570100
Ion Ratio	Lower	Upper	
156	100		
77	151.7	75.2	225.6
158	96.5	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 55.741 ug/l

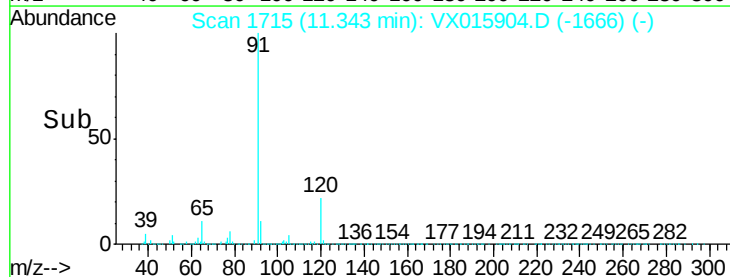
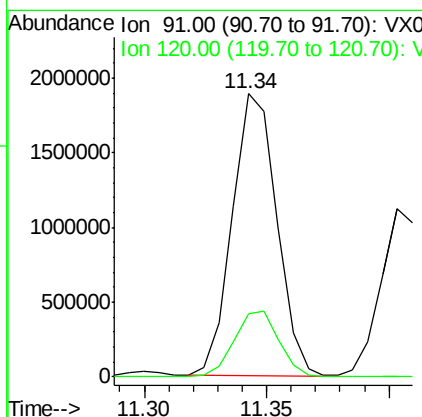
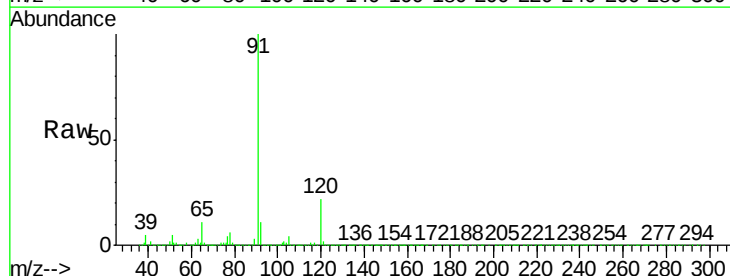
RT: 11.34 min Scan# 1715

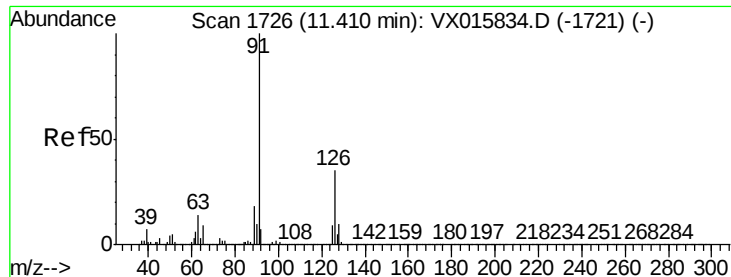
Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Tgt Ion:	91	Resp:	2388020
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





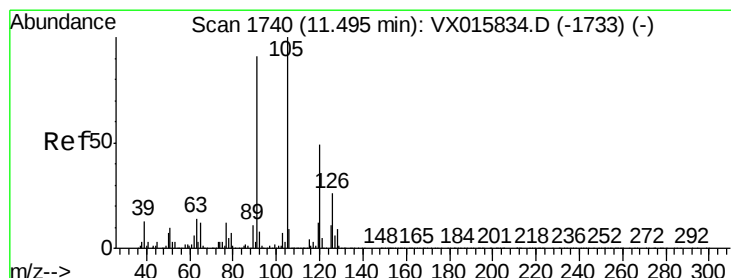
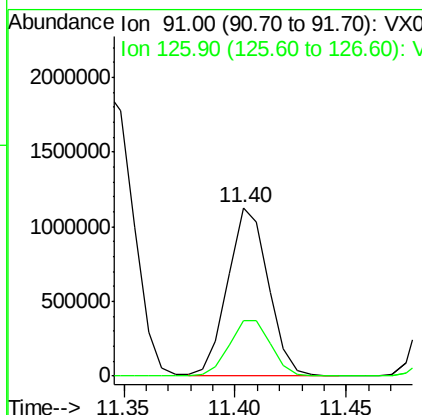
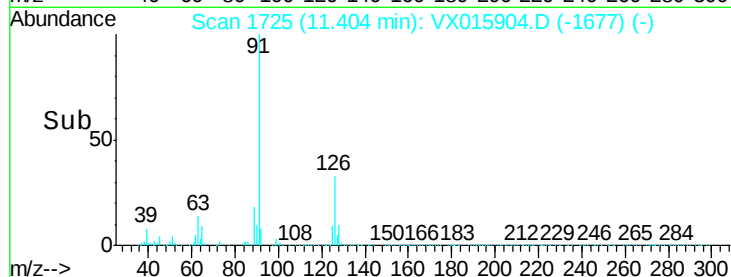
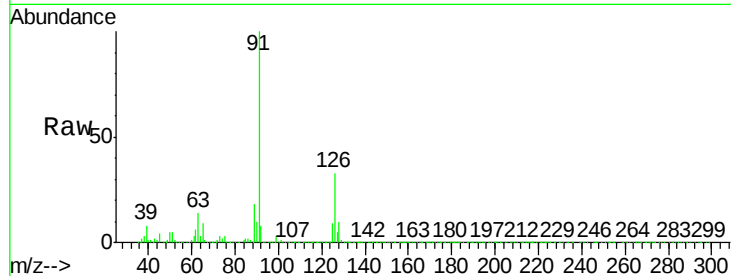
#79
2-Chlorotoluene
Concen: 55.133 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1418801
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.5

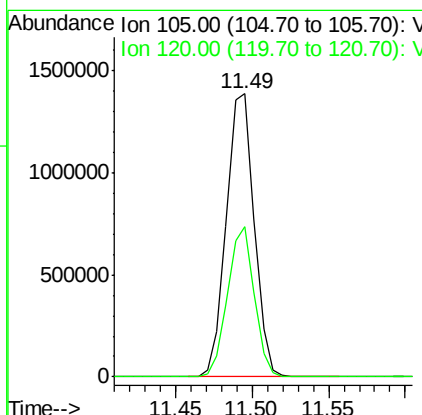
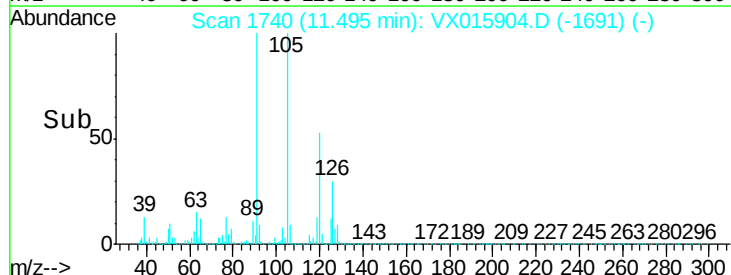
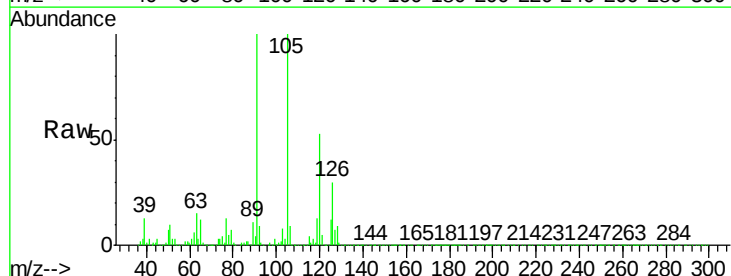
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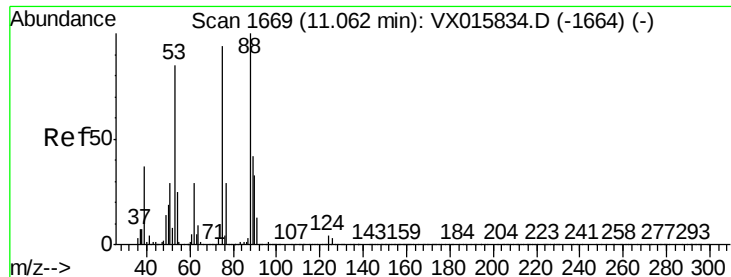
MMDadoda
4/24/2020 11:35:10 AM



#80
1,3,5-Trimethylbenzene
Concen: 55.036 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion:105 Resp: 1755036
Ion Ratio Lower Upper
105 100
120 50.6 24.9 74.7





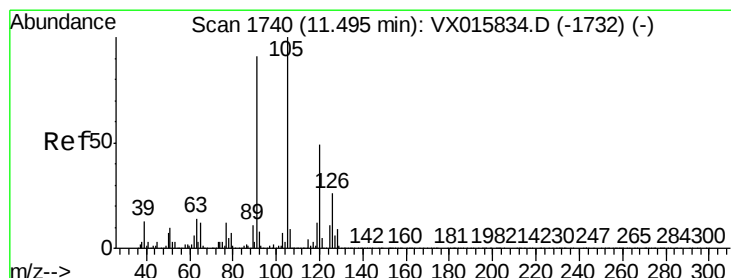
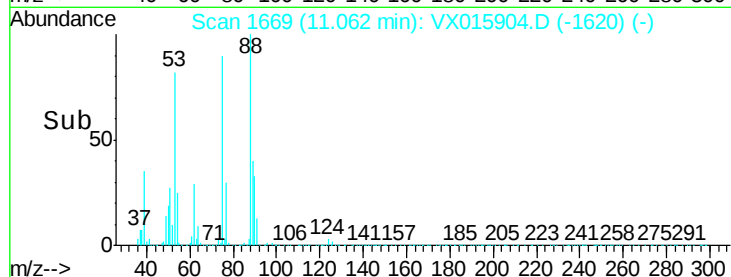
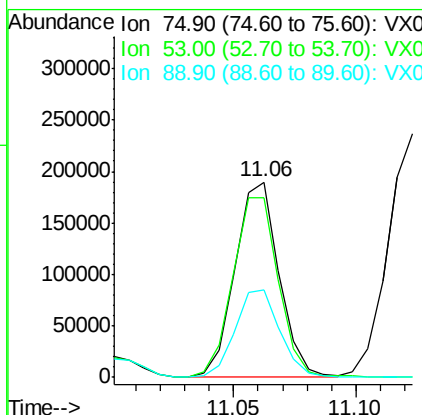
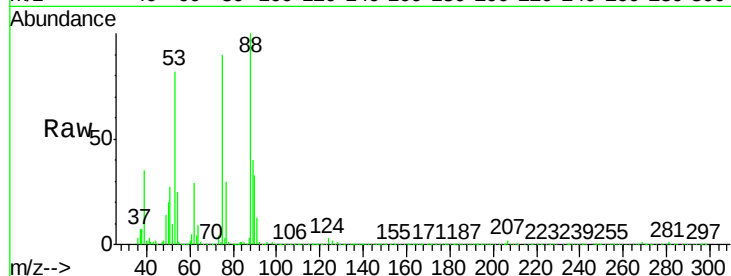
#81
trans-1,4-Dichloro-2-butene
Concen: 50.674 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.2	74.2	111.2
89	46.3	38.0	57.0

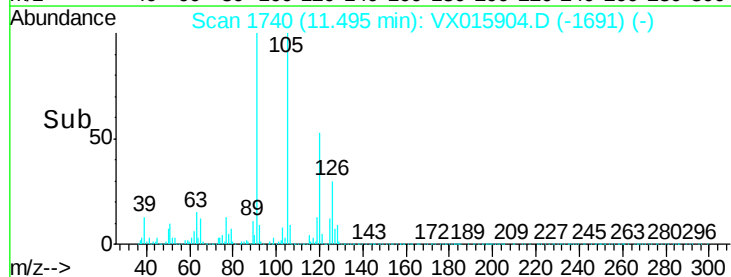
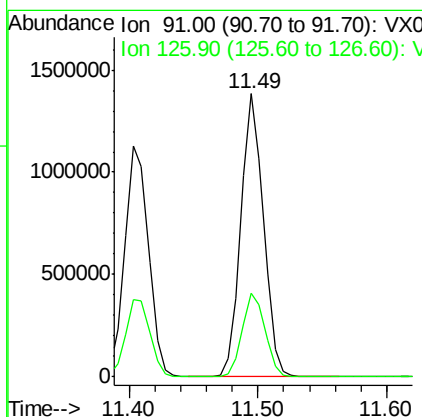
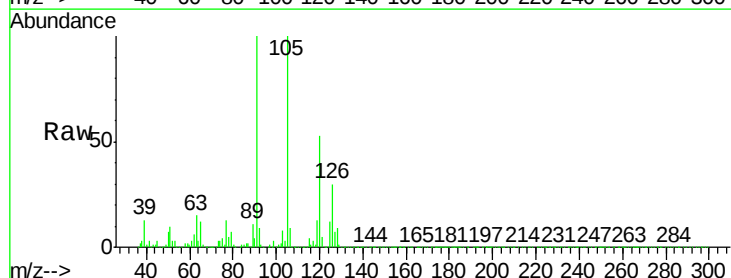
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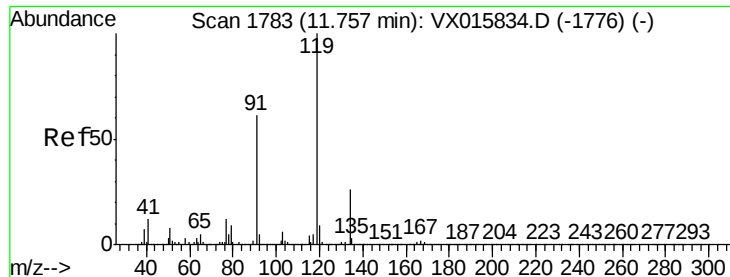
MMDadoda
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#82
4-Chlorotoluene
Concen: 54.901 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.0	45.0





#83

tert-Butylbenzene

Concen: 55.414 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1567462

Ion Ratio Lower Upper

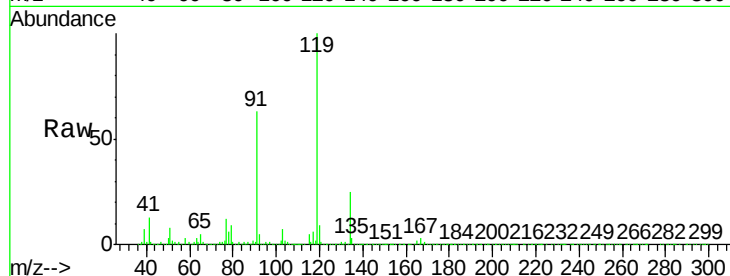
119 100

91 63.1 30.9 92.7

134 24.3 12.4 37.2

Manual Integrations
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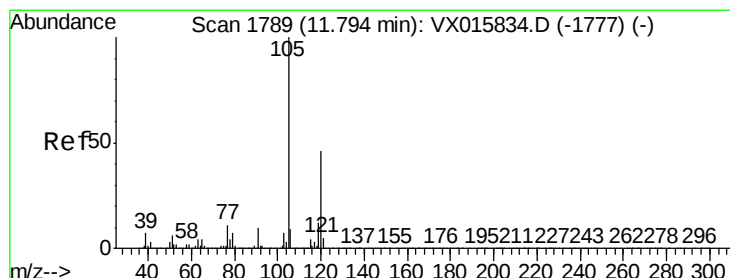
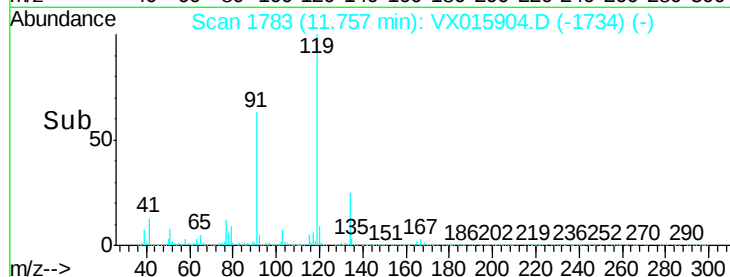
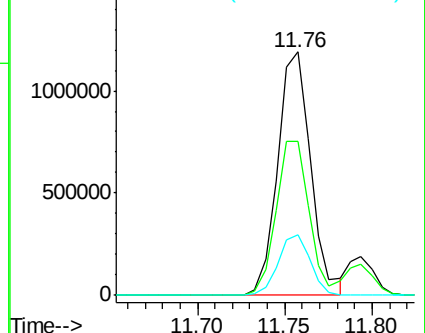
MMDadoda
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.976 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015904.D

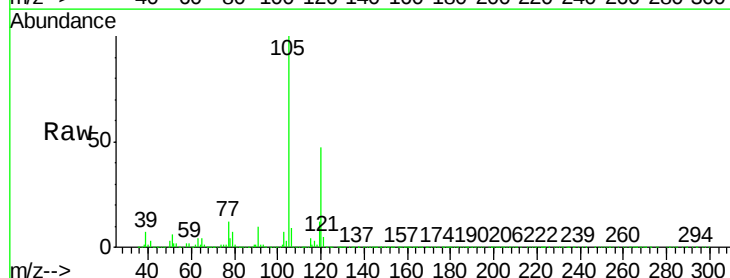
Acq: 23 Apr 2020 20:47

Tgt Ion:105 Resp: 1820064

Ion Ratio Lower Upper

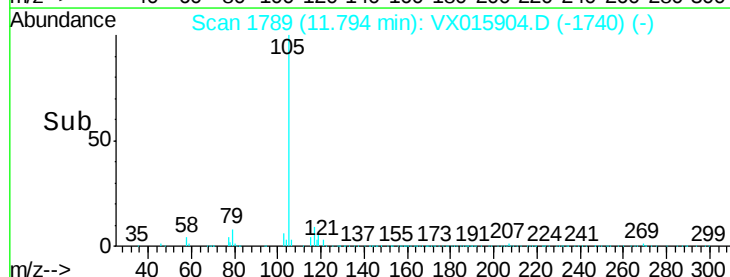
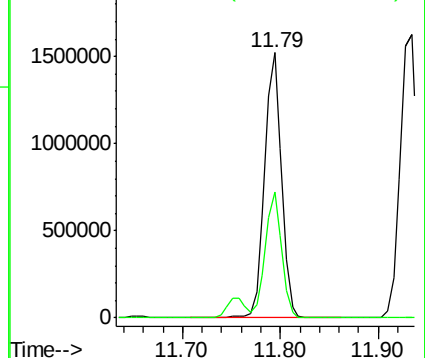
105 100

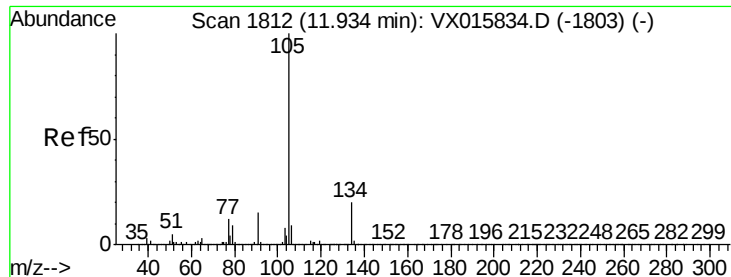
120 46.1 22.9 68.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 54.624 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 2036831

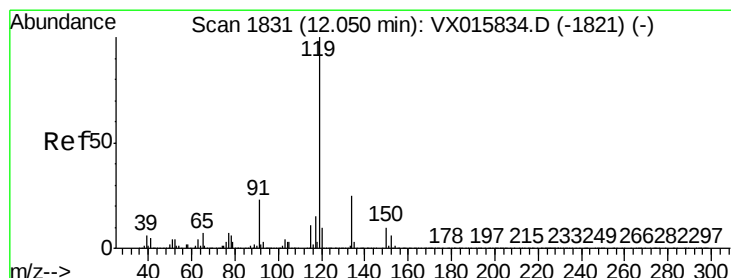
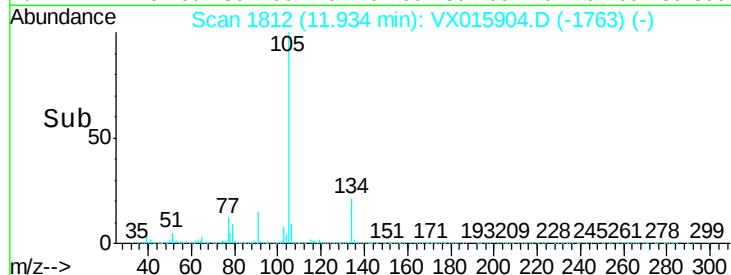
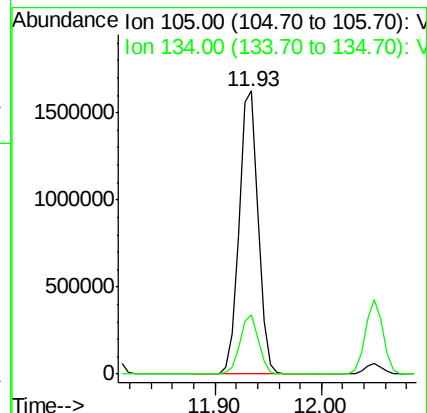
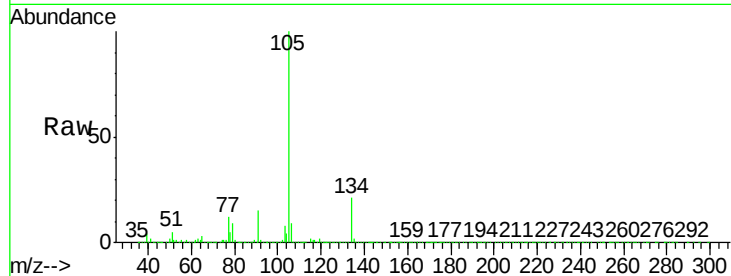
Ion Ratio Lower Upper

105 100

134 20.5 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 55.470 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015904.D

Acq: 23 Apr 2020 20:47

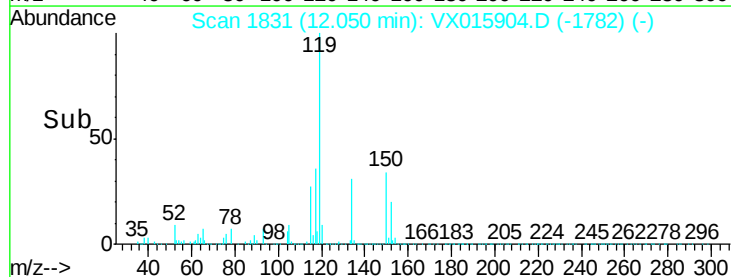
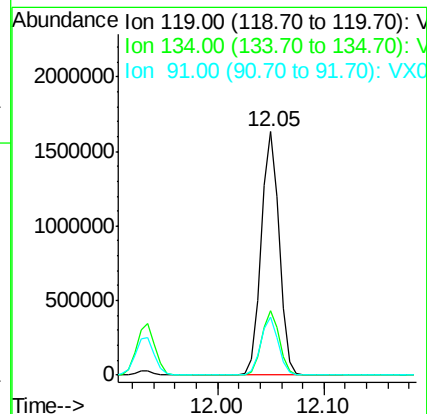
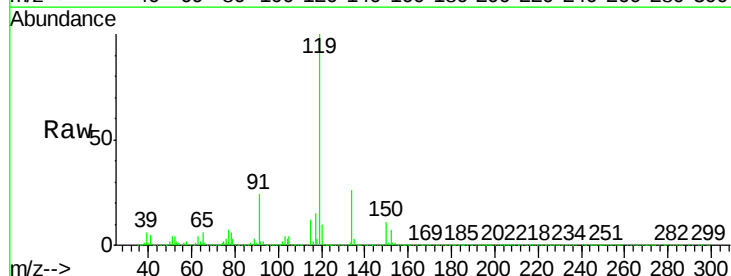
Tgt Ion:119 Resp: 1934070

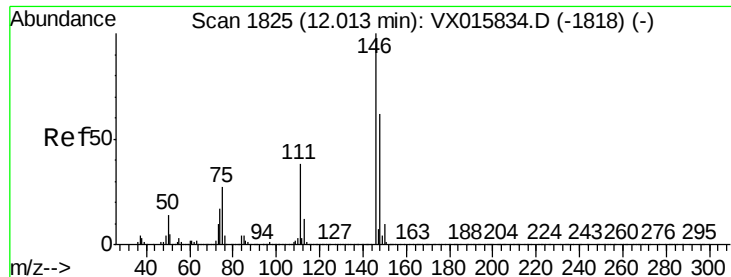
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 23.2 11.5 34.5





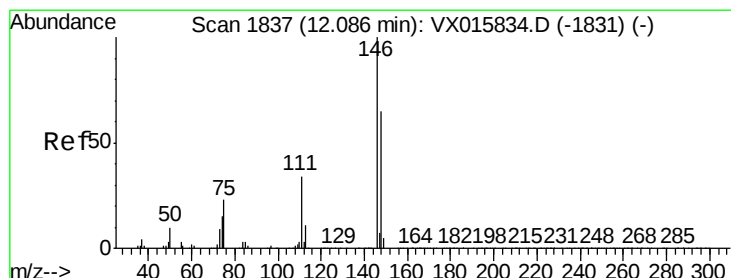
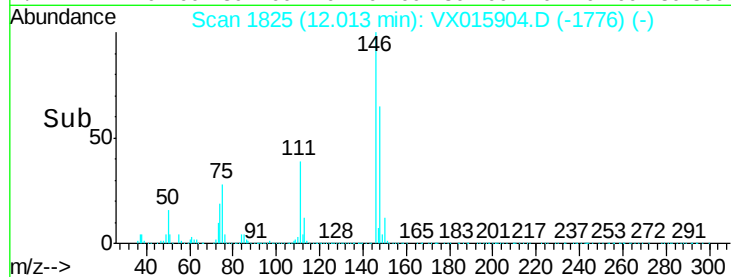
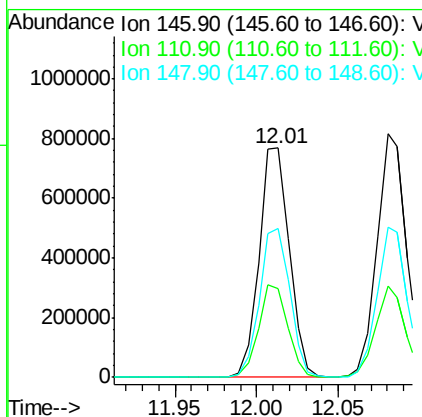
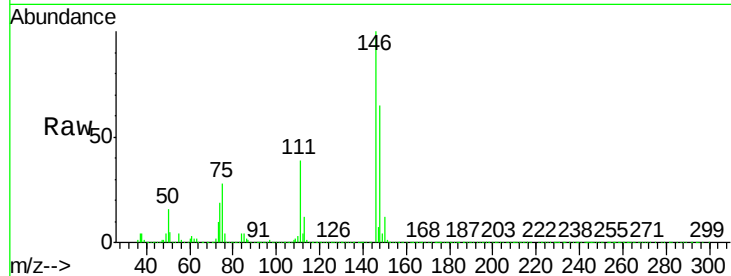
#87
 1,3-Dichlorobenzene
 Concen: 52.885 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.1	57.1
148	65.1	30.9	92.7

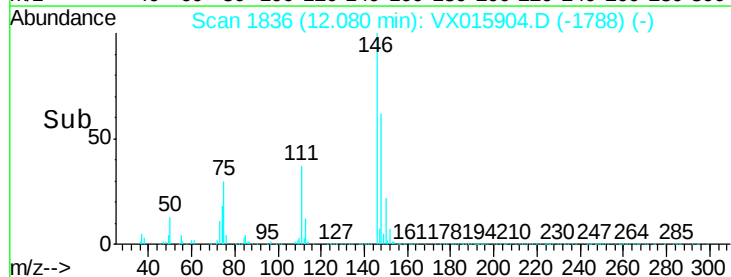
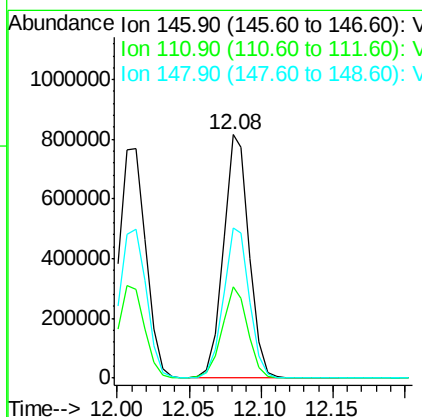
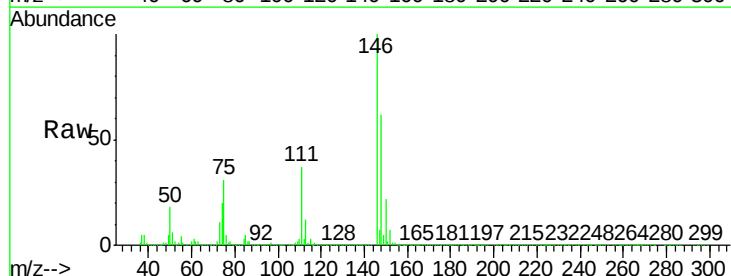
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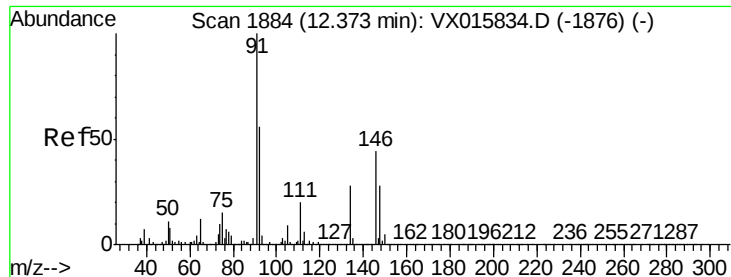
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#88
 1,4-Dichlorobenzene
 Concen: 54.286 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.4	58.2
148	62.8	33.8	101.4





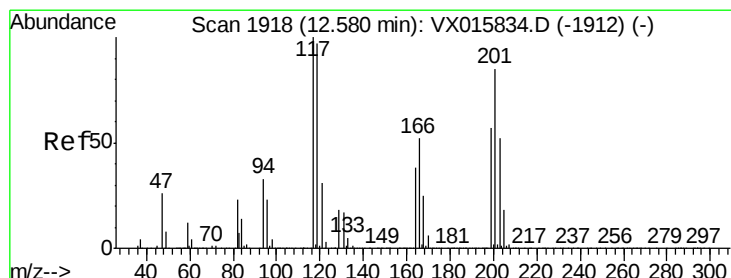
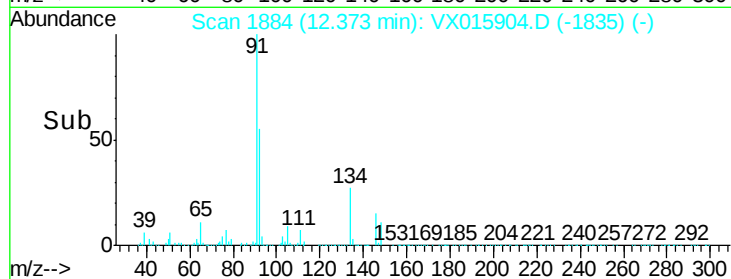
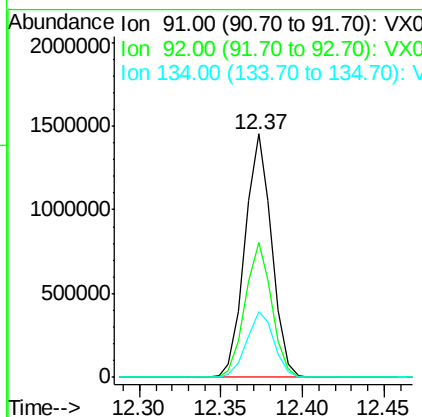
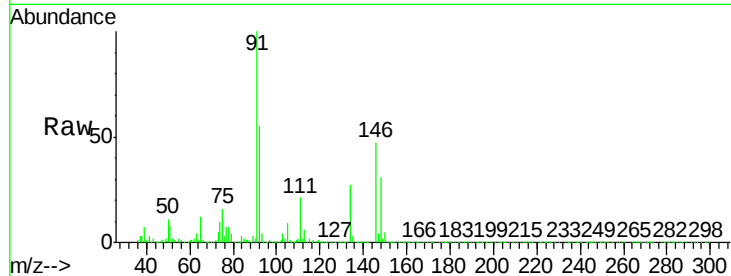
#89
n-Butylbenzene
Concen: 53.264 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.7	83.1
134	27.5	14.1	42.4

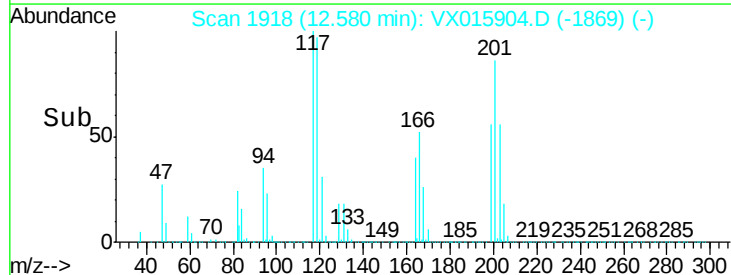
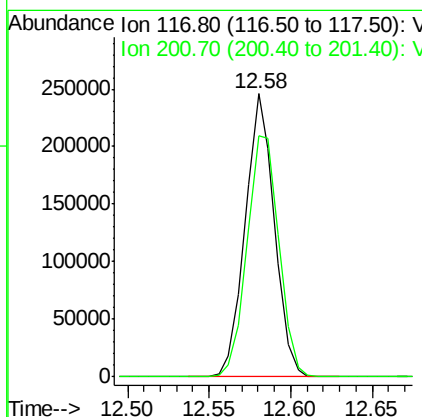
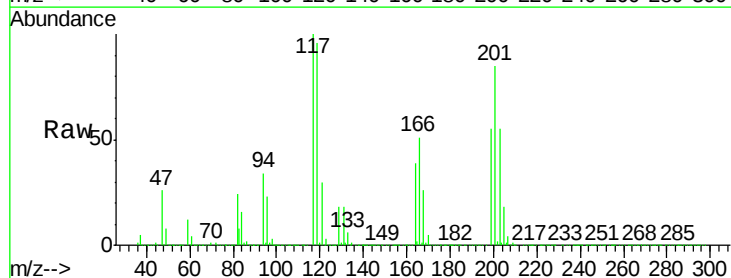
Manual Integrations
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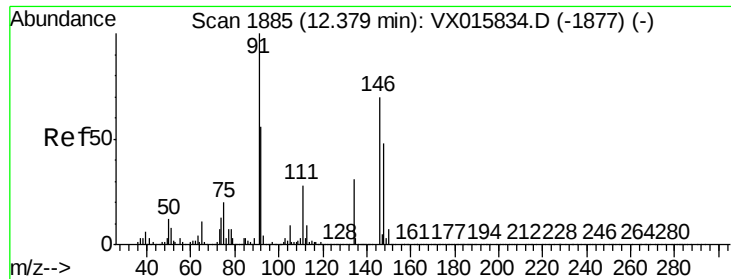
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#90
Hexachloroethane
Concen: 82.987 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.1	45.6	136.9





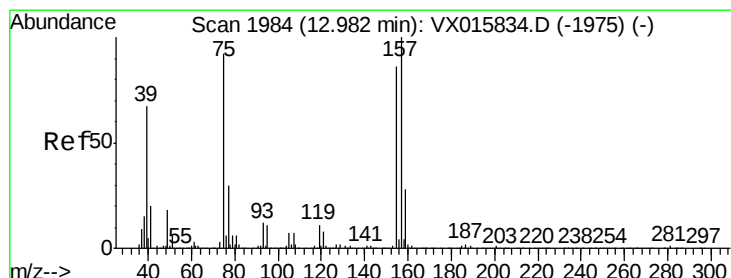
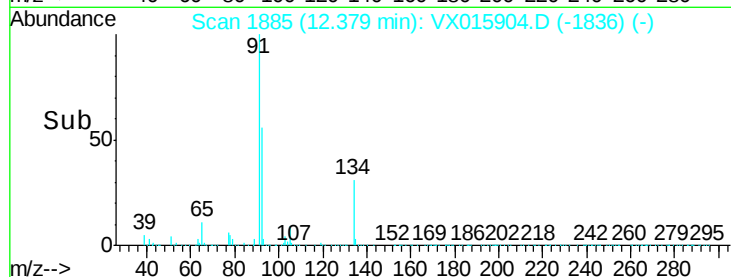
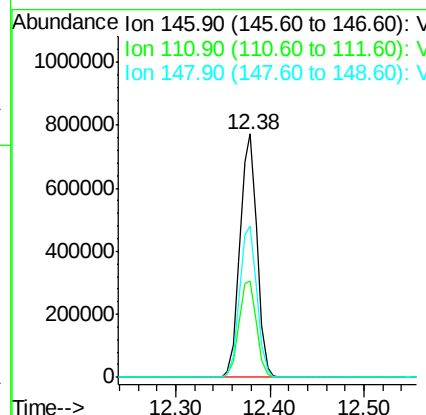
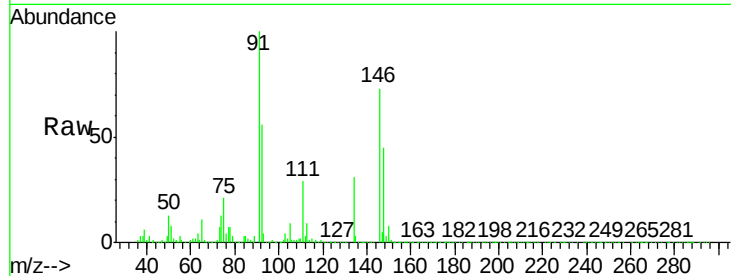
#91
 1,2-Dichlorobenzene
 Concen: 54.210 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	20.3	61.0
148	63.2	32.1	96.3

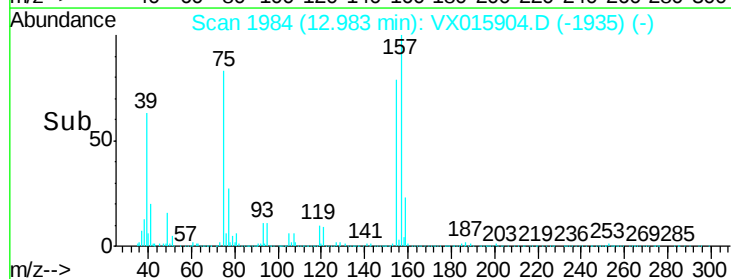
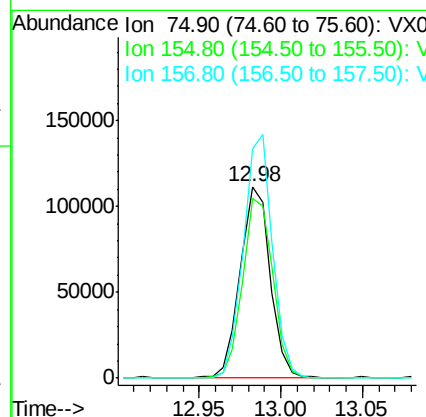
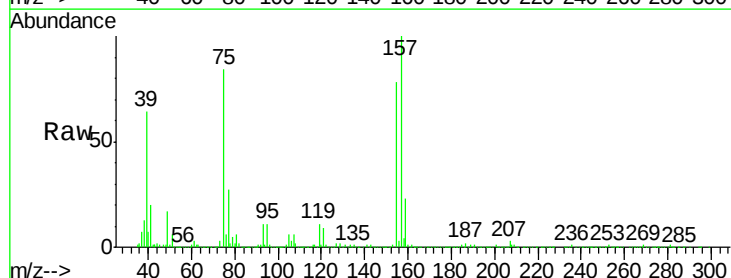
Manual Integrations
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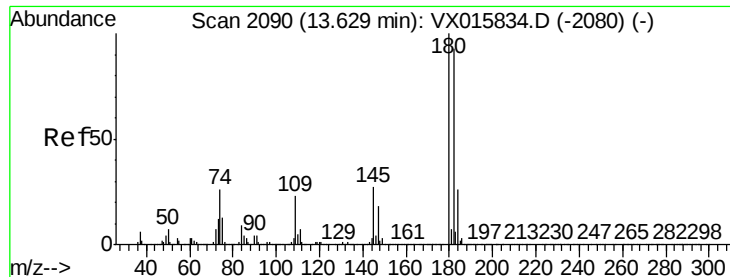
MMDadoda
 4/24/2020 11:35:10 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 60.209 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	48.1	144.4
157	125.6	58.9	176.7





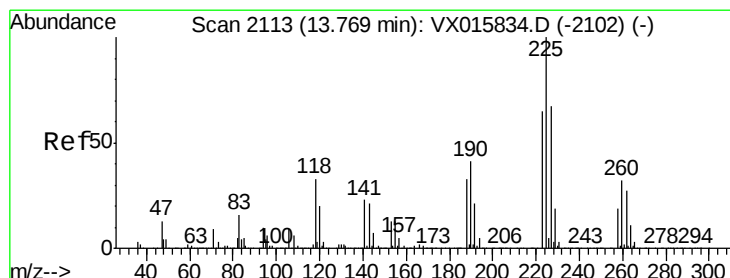
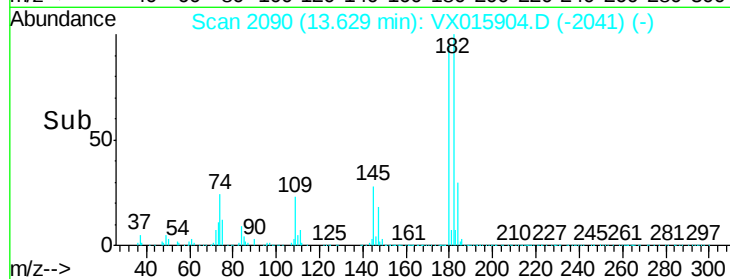
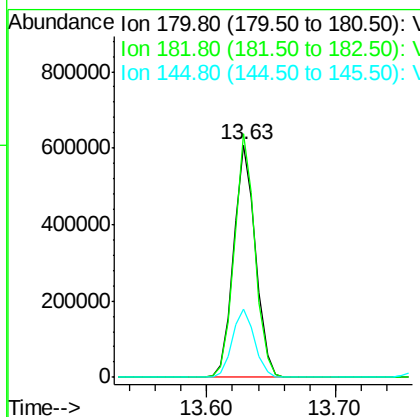
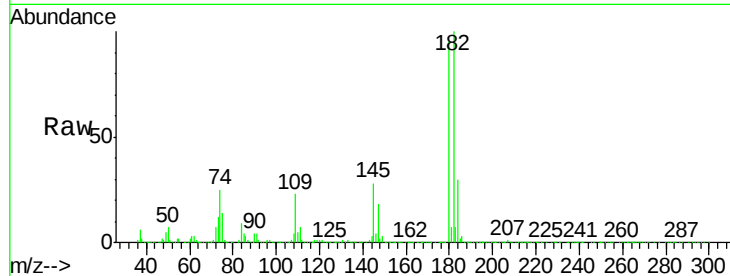
#93
 1,2,4-Trichlorobenzene
 Concen: 51.467 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	721437		
182	98.9	47.7	143.1	
145	29.8	14.5	43.5	

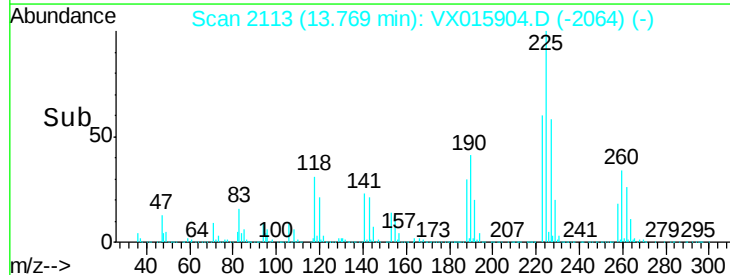
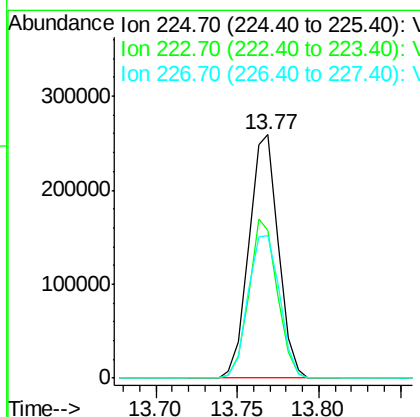
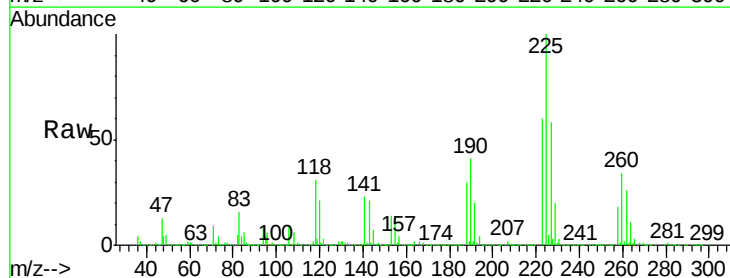
Manual Integrations
 APPROVED

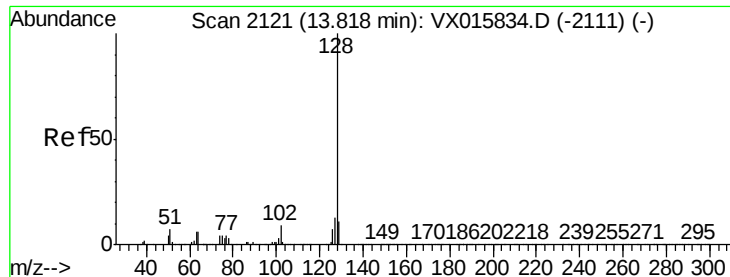
MMDadoda
 4/24/2020 11:35:10 AM



#94
 Hexachlorobutadiene
 Concen: 51.833 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015904.D
 Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	325763		
223	62.9	31.3	93.8	
227	62.7	32.6	97.8	





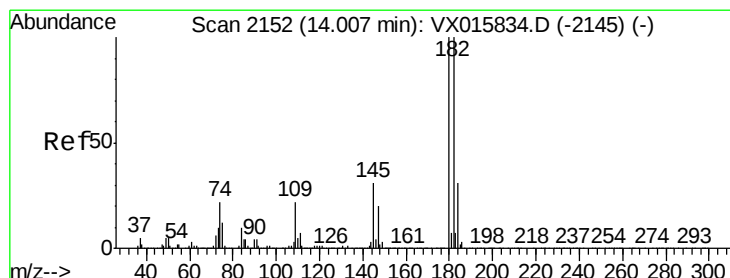
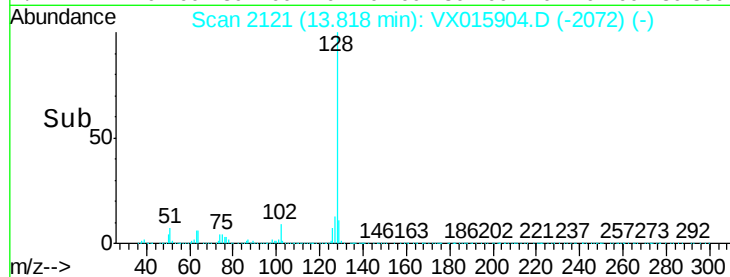
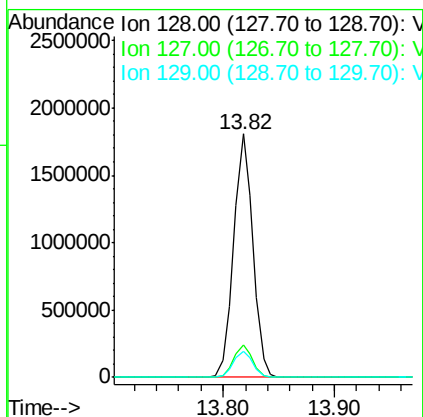
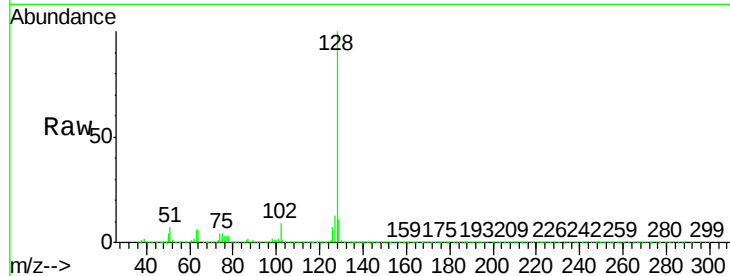
#95
Naphthalene
Concen: 53.302 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	11.0	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.347 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015904.D
Acq: 23 Apr 2020 20:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.9	143.7
145	30.4	15.2	45.5

