

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092320\
 Data File : VX018541.D
 Acq On : 23 Sep 2020 17:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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 9/24/2020 1:39:29 PM

Quant Time: Sep 24 00:51:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	434954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	652708	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	613081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332873	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	302293	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
35) Dibromofluoromethane	5.46	113	235527	52.20	ug/l	0.00
Spiked Amount			Recovery	=	104.40%	
50) Toluene-d8	8.70	98	841717	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	11.12	95	317187	48.64	ug/l	0.00
Spiked Amount			Recovery	=	97.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	215117	52.165	ug/l	97
3) Chloromethane	1.31	50	223227	46.238	ug/l	100
4) Vinyl Chloride	1.39	62	239038	46.769	ug/l	98
5) Bromomethane	1.64	94	162517	51.808	ug/l	97
6) Chloroethane	1.72	64	134192	45.876	ug/l	98
7) Trichlorofluoromethane	1.92	101	415499	53.513	ug/l	96
8) Diethyl Ether	2.17	74	128541	47.185	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	220016	52.645	ug/l	98
10) Methyl Iodide	2.49	142	257577	49.830	ug/l	95
11) Tert butyl alcohol	3.05	59	224807	209.980	ug/l	99
12) 1,1-Dichloroethene	2.36	96	205816	48.861	ug/l	93
13) Acrolein	2.28	56	193540	285.500	ug/l	100
14) Allyl chloride	2.71	41	368885	45.192	ug/l	96
15) Acrylonitrile	3.12	53	552746	216.379	ug/l	98
16) Acetone	2.43	43	559530	237.776	ug/l	99
17) Carbon Disulfide	2.55	76	579755	46.086	ug/l	99
18) Methyl Acetate	2.75	43	260037	44.600	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	728911	49.295	ug/l	100
20) Methylene Chloride	2.83	84	231950	44.674	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	227542	46.480	ug/l	98
22) Diisopropyl ether	3.82	45	720950	46.988	ug/l	90
23) Vinyl Acetate	3.78	43	3213463	236.355	ug/l	100
24) 1,1-Dichloroethane	3.67	63	410670	46.411	ug/l	99
25) 2-Butanone	4.64	43	814279	222.206	ug/l	100
26) 2,2-Dichloropropane	4.55	77	403862	49.398	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	252655	46.046	ug/l	99
28) Bromochloromethane	4.98	49	206568	49.888	ug/l	98
29) Tetrahydrofuran	5.09	42	489352	211.869	ug/l	97
30) Chloroform	5.18	83	439492	48.952	ug/l	98
31) Cyclohexane	5.55	56	350122	47.020	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	416513	49.451	ug/l	99
36) 1,1-Dichloropropene	5.77	75	330266	52.132	ug/l	98
37) Ethyl Acetate	4.79	43	316152	46.733	ug/l	100
38) Carbon Tetrachloride	5.76	117	388581	55.383	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	368659	51.797	ug/l	96
40) Benzene	6.11	78	906576	49.933	ug/l	100
41) Methacrylonitrile	5.00	41	175403	46.661	ug/l	98
42) 1,2-Dichloroethane	6.16	62	368078	52.112	ug/l	99
43) Isopropyl Acetate	6.41	43	521312	46.437	ug/l	99
44) Trichloroethene	7.19	130	263237	50.084	ug/l	90
45) 1,2-Dichloropropane	7.49	63	236884	47.536	ug/l	98
46) Dibromomethane	7.63	93	170290	49.739	ug/l	99
47) Bromodichloromethane	7.87	83	355037	51.455	ug/l	99
48) Methyl methacrylate	7.74	41	256680	46.975	ug/l	97
49) 1,4-Dioxane	7.76	88	92115	1020.242	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1587206	237.454	ug/l	100
52) Toluene	8.76	92	581631	50.909	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	395298	50.419	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	409825	50.740	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	236854	49.961	ug/l	98
56) Ethyl methacrylate	9.16	69	349723	49.751	ug/l	98
57) 1,3-Dichloropropane	9.35	76	392150	49.234	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	719532	192.526	ug/l	98
59) 2-Hexanone	9.47	43	1228703	241.675	ug/l	99
60) Dibromochloromethane	9.57	129	294172	52.039	ug/l	98
61) 1,2-Dibromoethane	9.65	107	259061	51.359	ug/l	99
64) Tetrachloroethene	9.32	164	255741	52.984	ug/l	94
65) Chlorobenzene	10.12	112	633479	50.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	253717	50.099	ug/l	98
67) Ethyl Benzene	10.24	91	1131626	51.788	ug/l	99
68) m/p-Xylenes	10.34	106	870890	105.360	ug/l	99
69) o-Xylene	10.68	106	394798	50.438	ug/l	100
70) Styrene	10.70	104	694269	51.370	ug/l	97
71) Bromoform	10.84	173	213754	50.270	ug/l #	99
73) Isopropylbenzene	11.00	105	1116388	50.204	ug/l	99
74) N-amyl acetate	10.88	43	446103	44.560	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	344531	46.809	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	321869m	46.013	ug/l	
77) Bromobenzene	11.24	156	290819	47.398	ug/l	99
78) n-propylbenzene	11.34	91	1280114	49.180	ug/l	100
79) 2-Chlorotoluene	11.40	91	762085	48.369	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	962704	50.622	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	124498	45.607	ug/l	96
82) 4-Chlorotoluene	11.49	91	932066	49.766	ug/l	100
83) tert-Butylbenzene	11.76	119	932816	50.520	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	992056	51.798	ug/l	98
85) sec-Butylbenzene	11.93	105	1097596	50.379	ug/l	100
86) p-Isopropyltoluene	12.05	119	1036805	51.781	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	546065	49.499	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	539820	48.260	ug/l	98
89) n-Butylbenzene	12.37	91	934720	50.427	ug/l	100
90) Hexachloroethane	12.58	117	196875	49.251	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	506988	49.101	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	81341	45.523	ug/l	94

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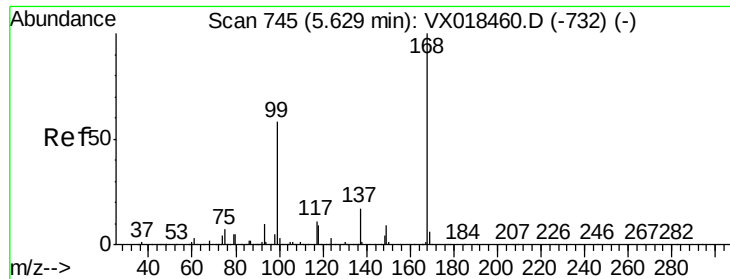
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	353461	49.186	ug/l	97
94) Hexachlorobutadiene	13.77	225	165768	54.971	ug/l	98
95) Naphthalene	13.82	128	1043954	48.102	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	346152	50.402	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 434954

Ion Ratio Lower Upper

168 100

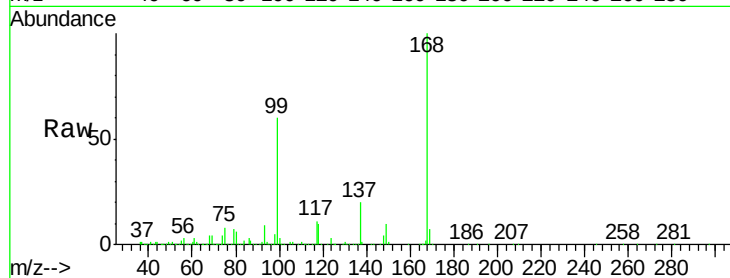
99 59.9 46.5 69.7

Manual Integrations

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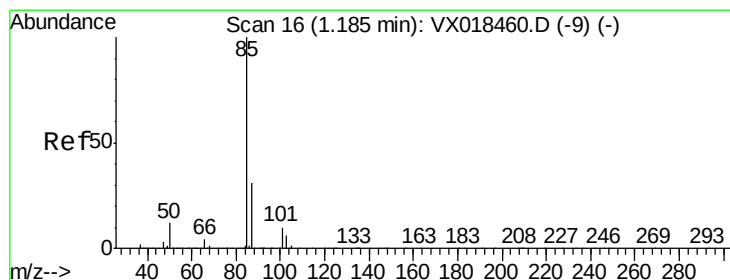
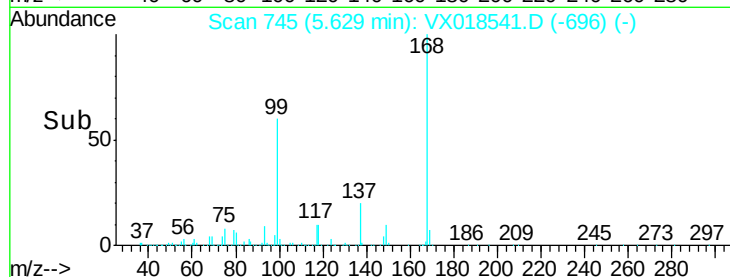
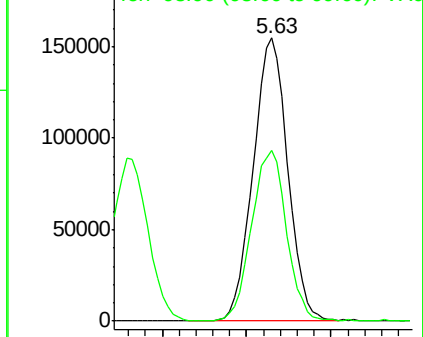
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.165 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018541.D

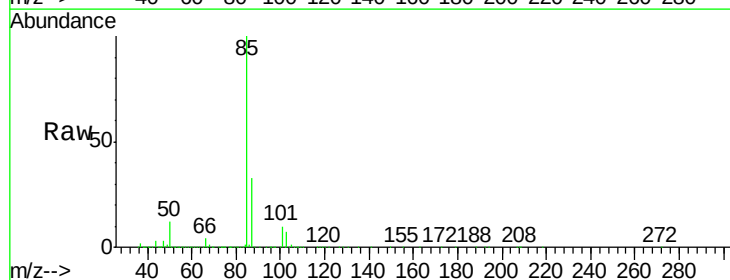
Acq: 23 Sep 2020 17:27

Tgt Ion: 85 Resp: 215117

Ion Ratio Lower Upper

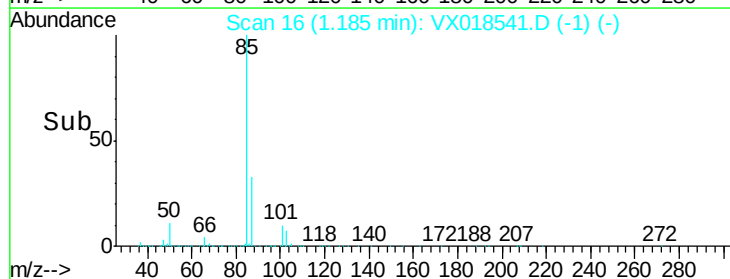
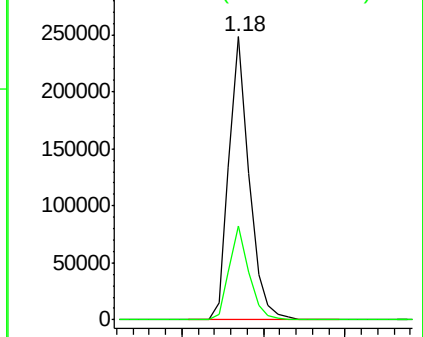
85 100

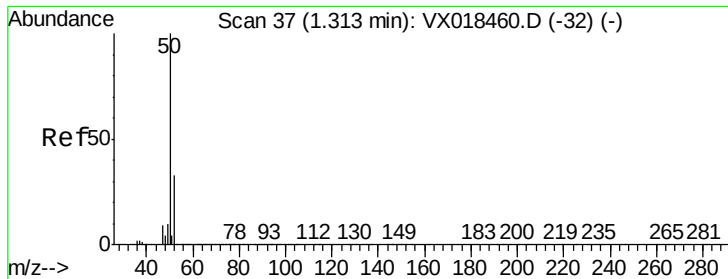
87 33.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.238 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 223227

Ion Ratio Lower Upper

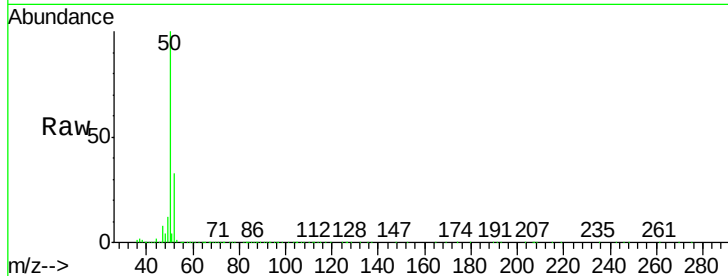
50 100

52 33.2 26.6 40.0

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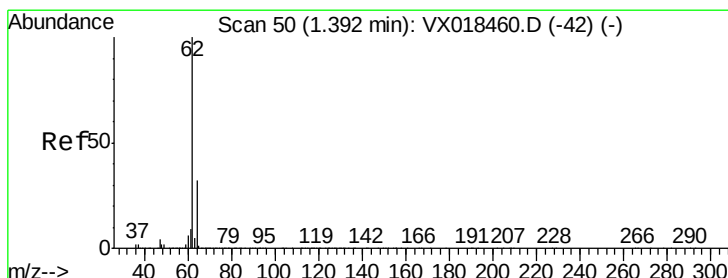
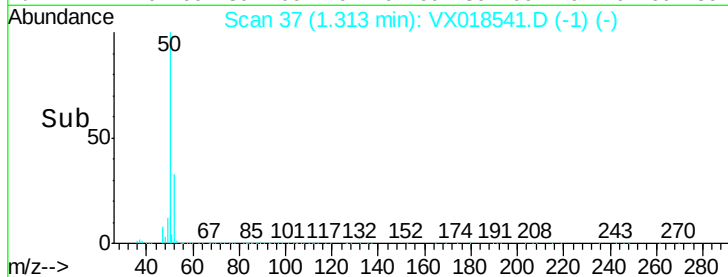
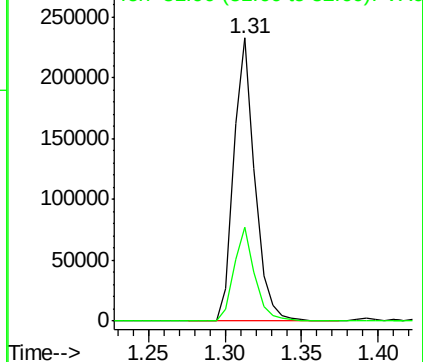
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.769 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018541.D

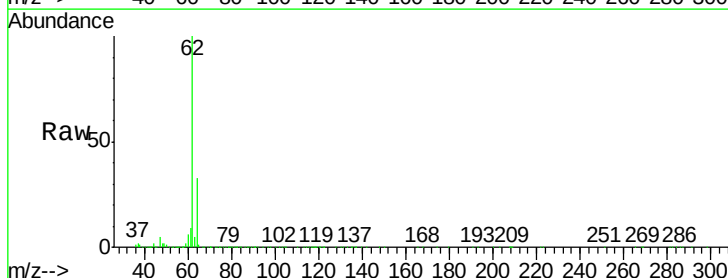
Acq: 23 Sep 2020 17:27

Tgt Ion: 62 Resp: 239038

Ion Ratio Lower Upper

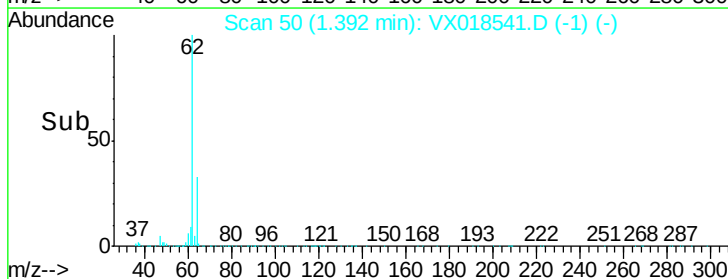
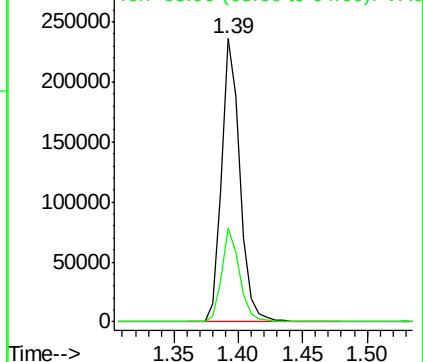
62 100

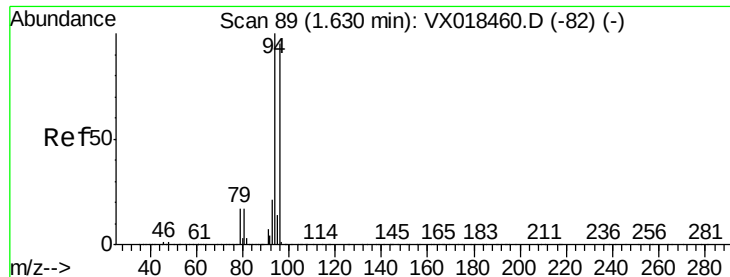
64 33.0 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.808 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 162517

Ion Ratio Lower Upper

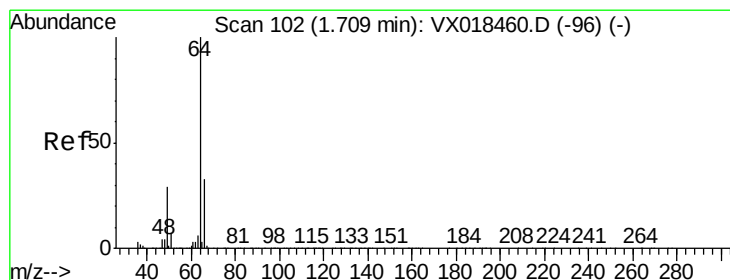
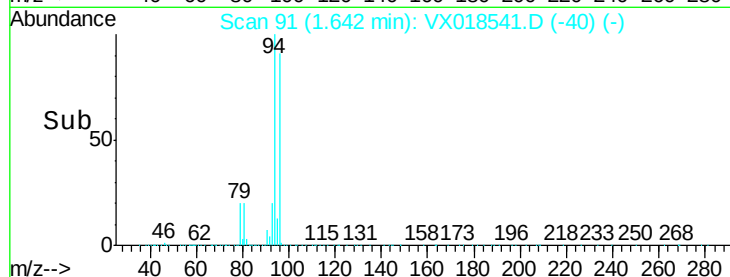
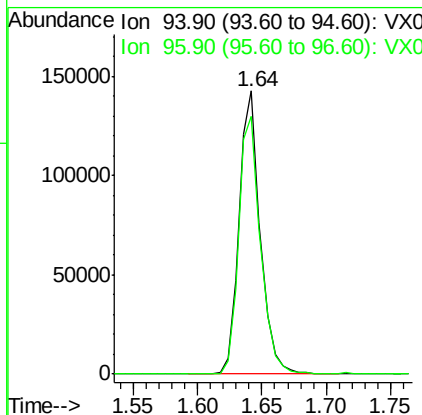
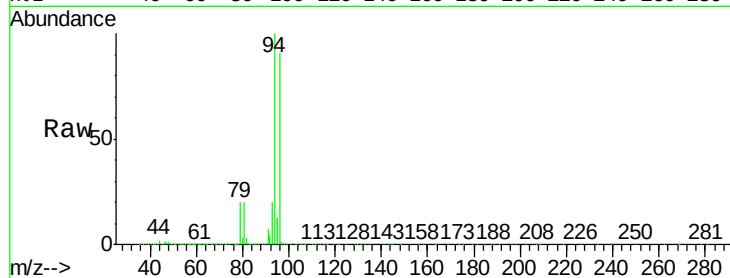
94 100

96 91.1 75.5 113.3

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#6

Chloroethane

Concen: 45.876 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018541.D

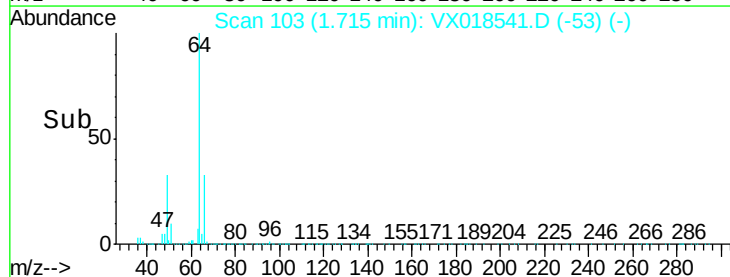
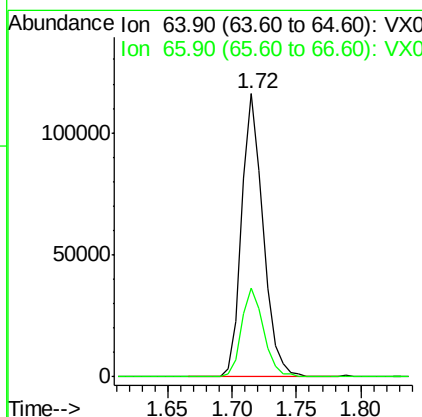
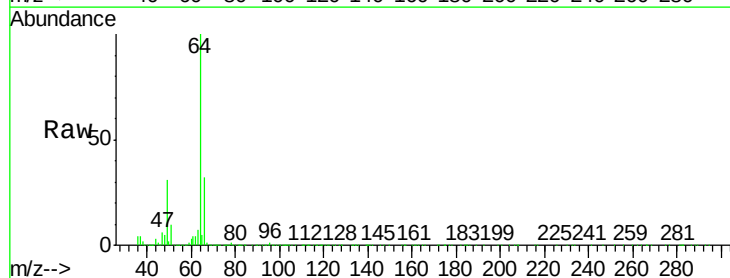
Acq: 23 Sep 2020 17:27

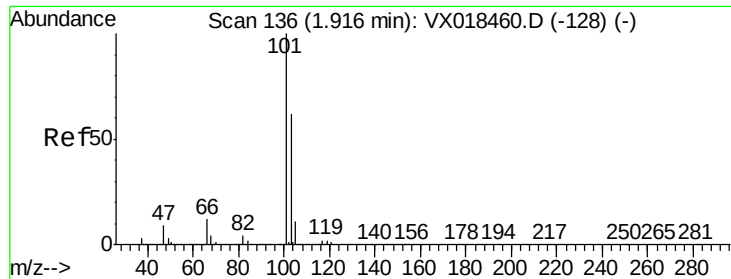
Tgt Ion: 64 Resp: 134192

Ion Ratio Lower Upper

64 100

66 31.4 26.2 39.4





#7

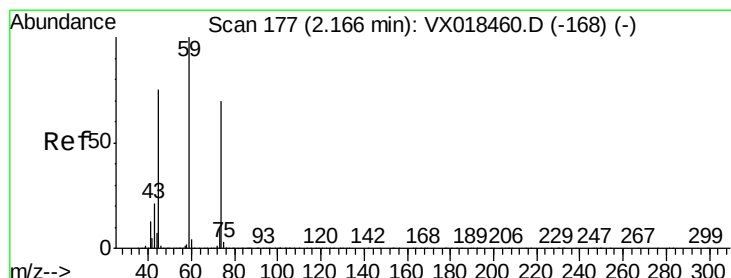
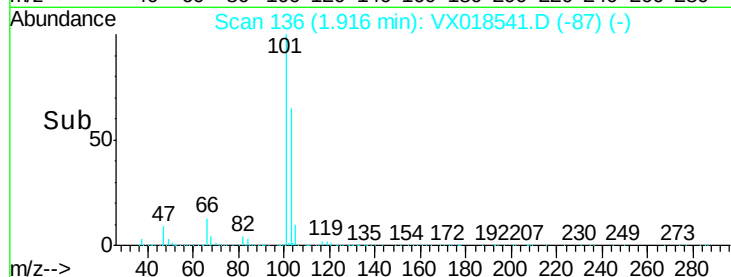
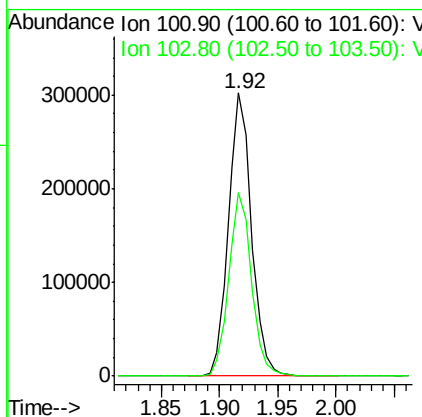
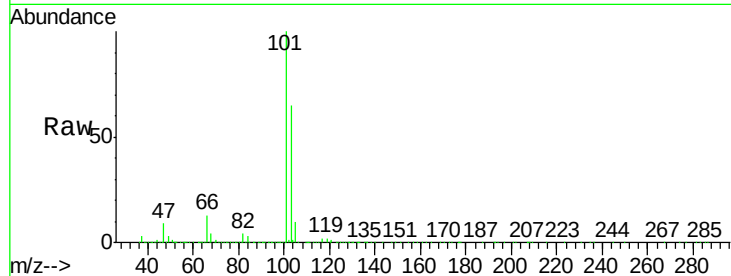
Trichlorofluoromethane
Concen: 53.513 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	49.6	74.4

Manual Integrations
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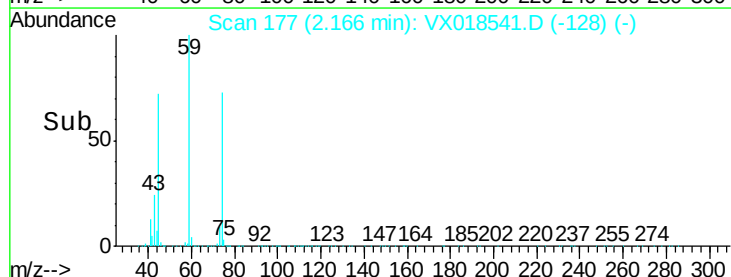
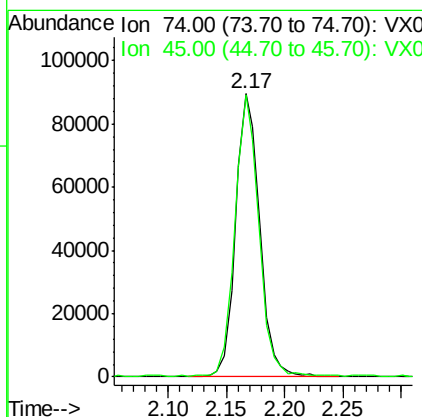
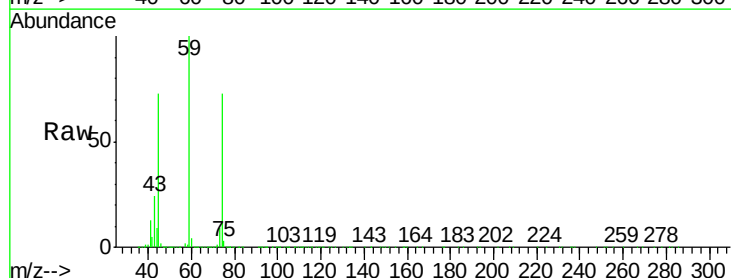
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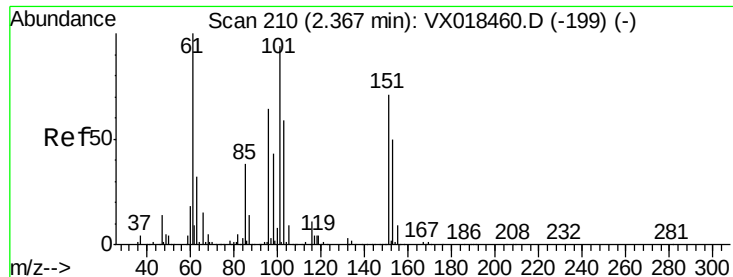


#8

Diethyl Ether
Concen: 47.185 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.6	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.645 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

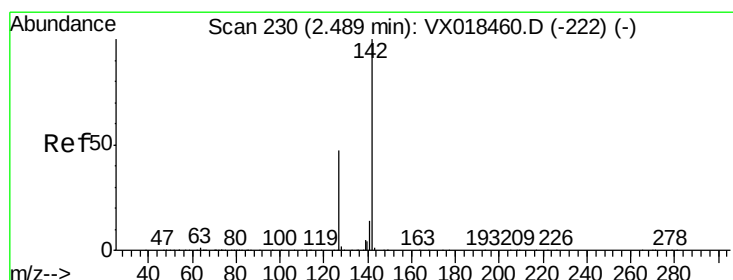
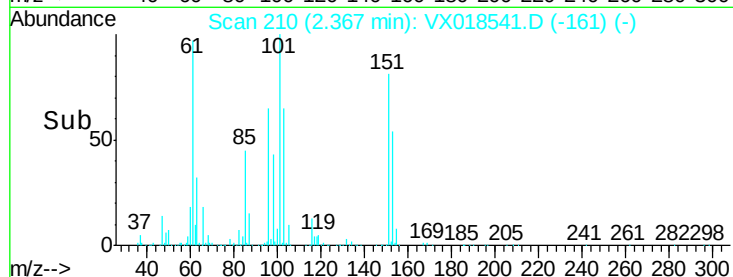
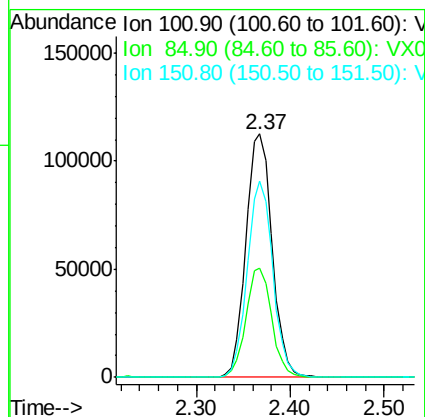
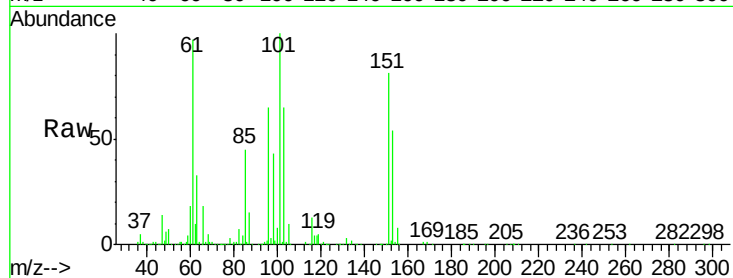
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	220016
Ion Ratio	Lower	Upper	
101	100		
85	44.2	34.7	52.1
151	78.9	64.9	97.3

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#10

Methyl Iodide

Concen: 49.830 ug/l

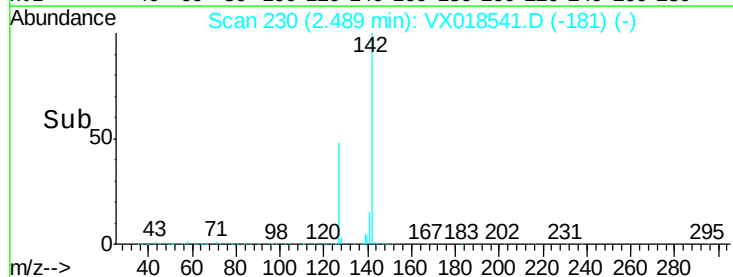
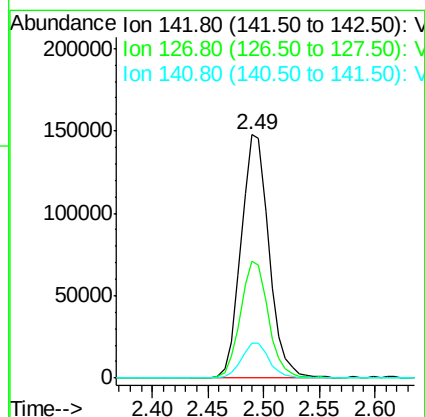
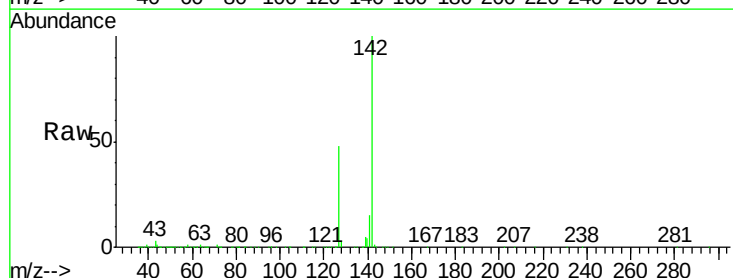
RT: 2.49 min Scan# 230

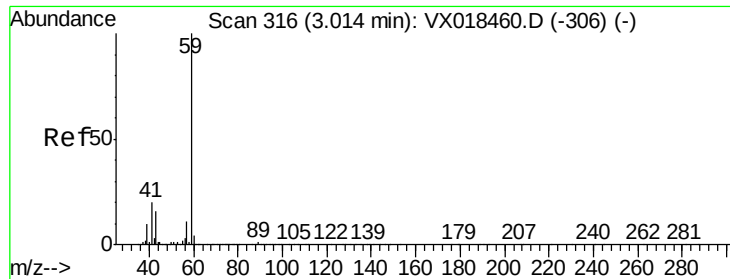
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	142	Resp:	257577
Ion Ratio	Lower	Upper	
142	100		
127	48.5	36.0	54.0
141	14.2	11.9	17.9





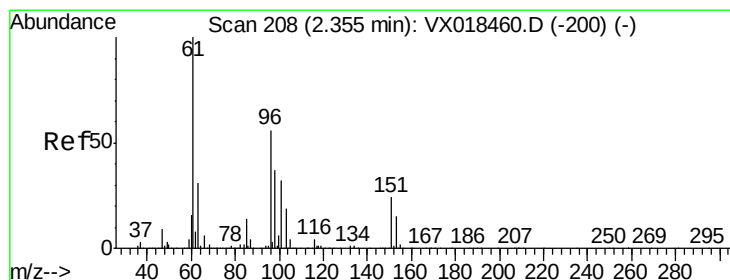
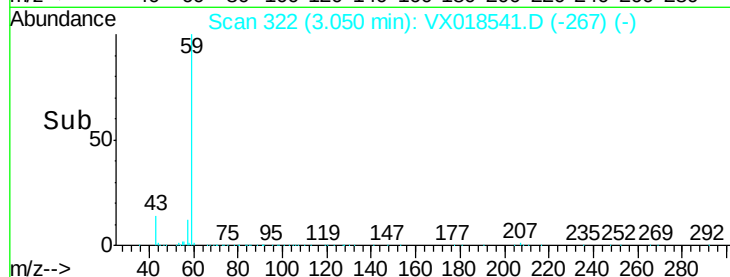
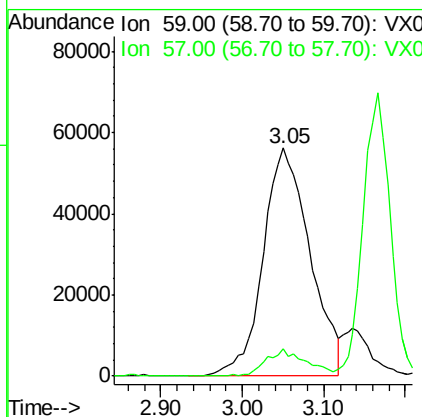
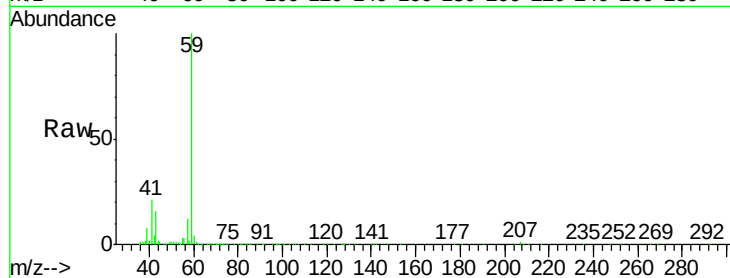
#11
Tert butyl alcohol
Concen: 209.980 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.4

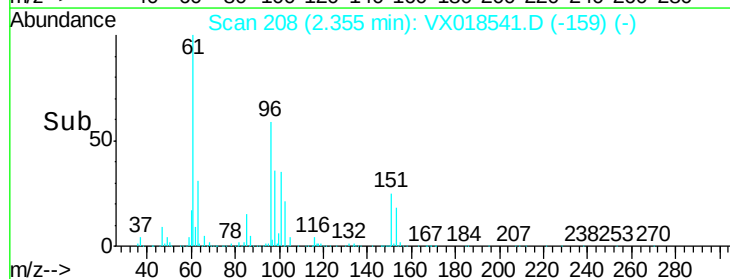
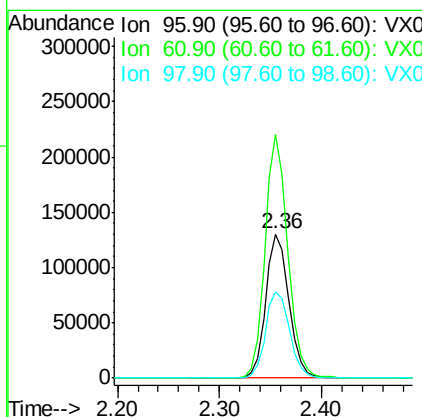
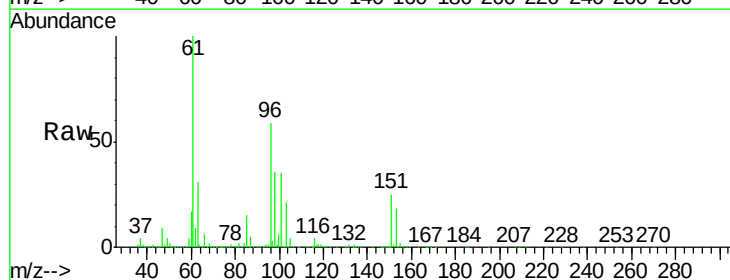
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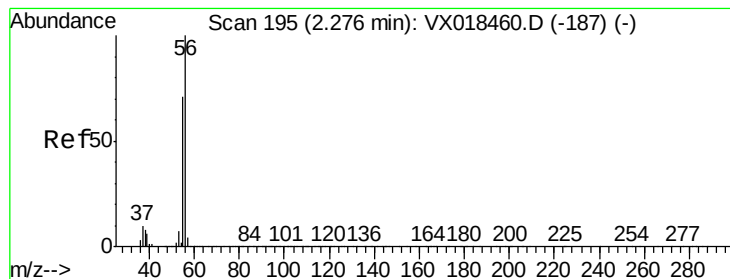
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#12
1,1-Dichloroethene
Concen: 48.861 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.8	142.2	213.4
98	60.0	52.4	78.6





#13

Acrolein

Concen: 285.500 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 193540

Ion Ratio Lower Upper

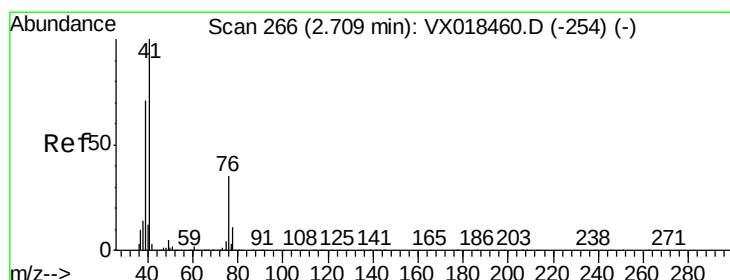
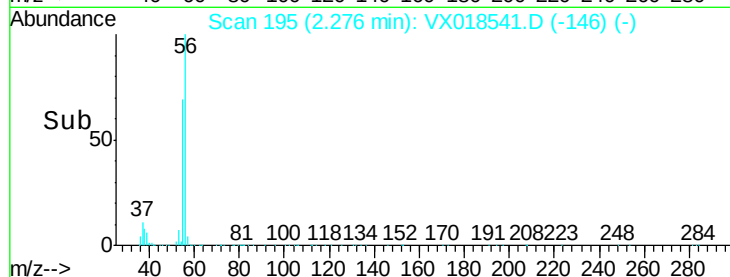
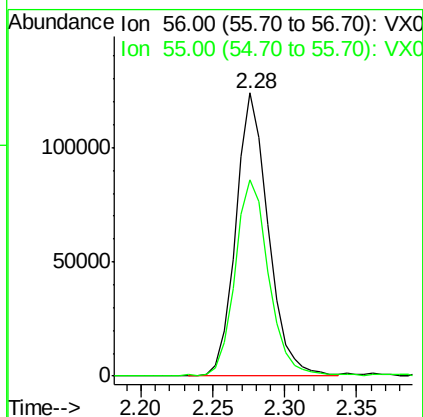
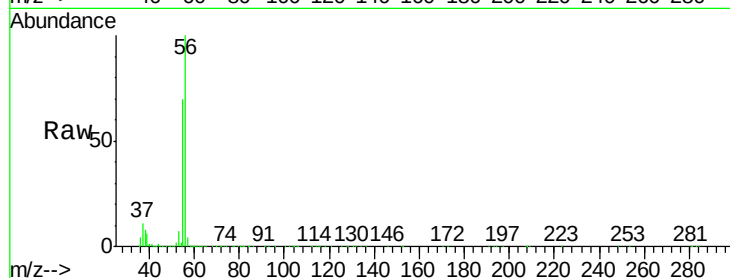
56 100

55 72.6 58.2 87.4

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#14

Allyl chloride

Concen: 45.192 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

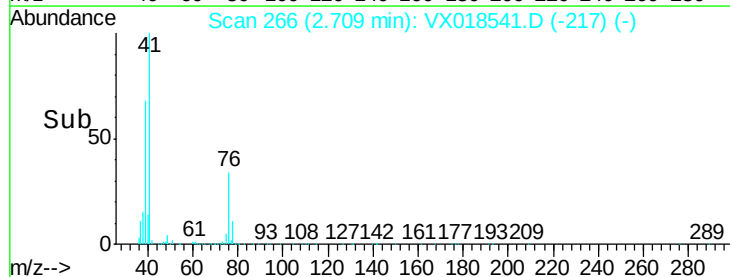
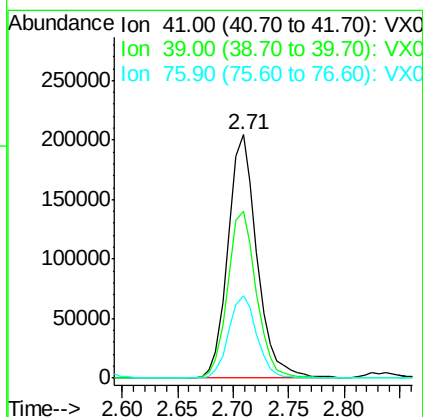
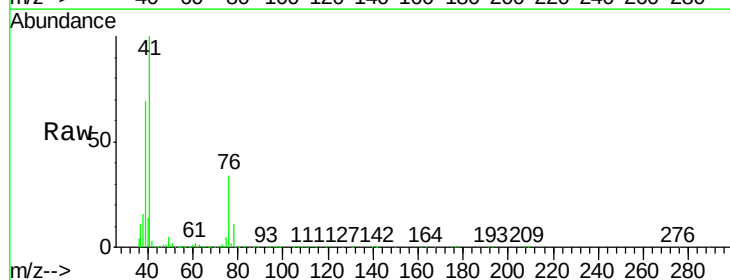
Tgt Ion: 41 Resp: 368885

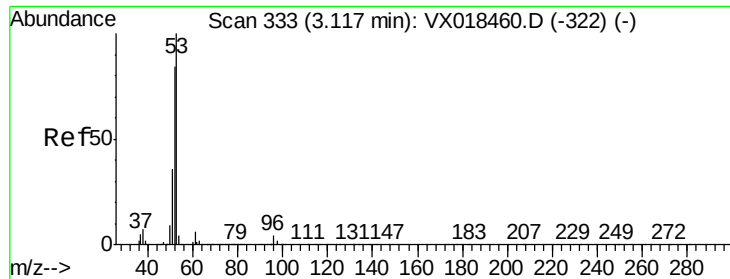
Ion Ratio Lower Upper

41 100

39 67.8 51.1 76.7

76 33.1 26.0 39.0





#15

Acrylonitrile

Concen: 216.379 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

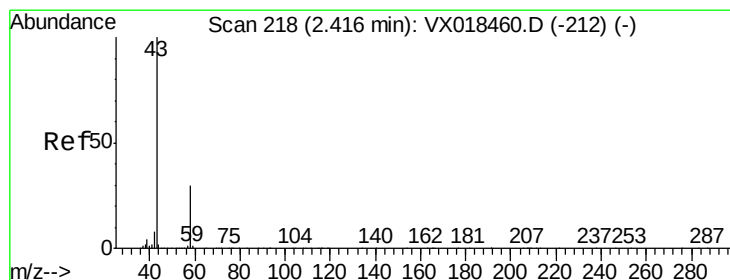
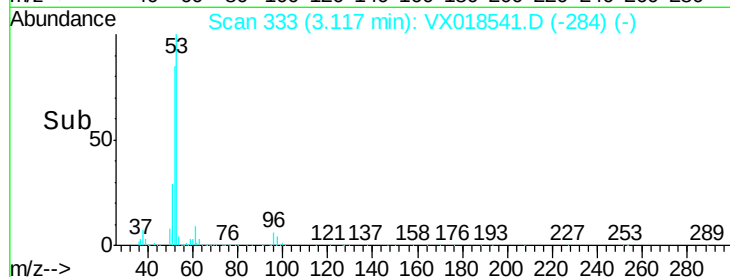
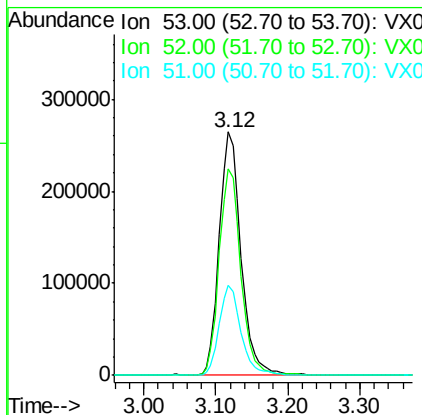
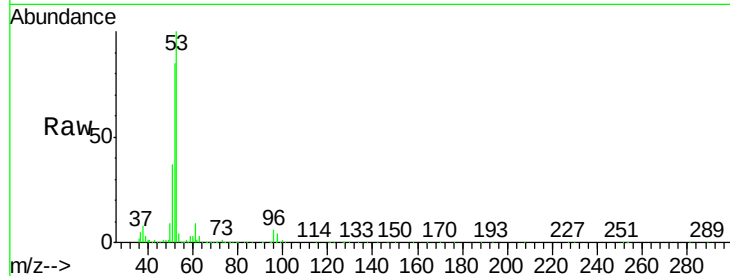
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	552746
Ion Ratio	Lower	Upper	
53	100		
52	84.7	65.8	98.8
51	37.1	29.2	43.8

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#16

Acetone

Concen: 237.776 ug/l

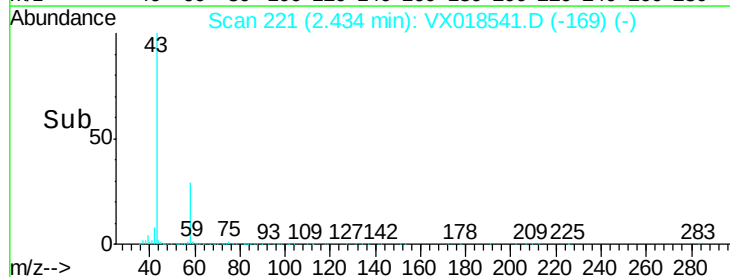
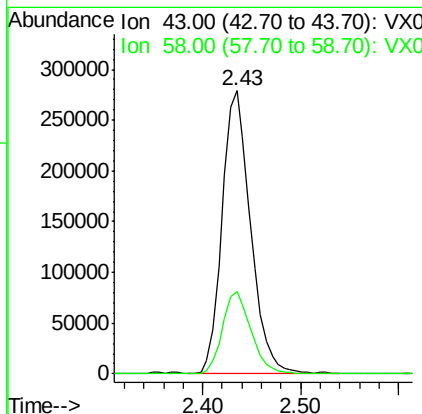
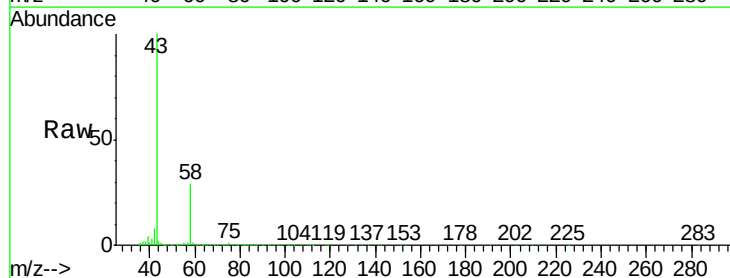
RT: 2.43 min Scan# 221

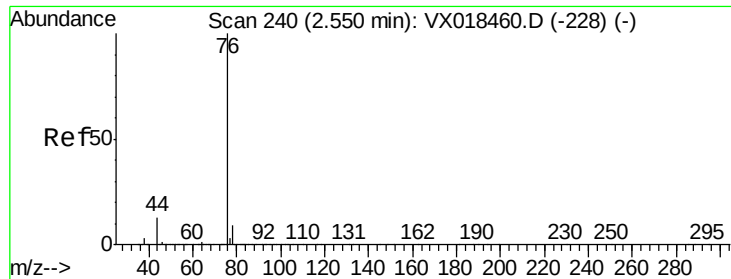
Delta R.T. 0.02 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	43	Resp:	559530
Ion Ratio	Lower	Upper	
43	100		
58	29.3	24.0	36.0





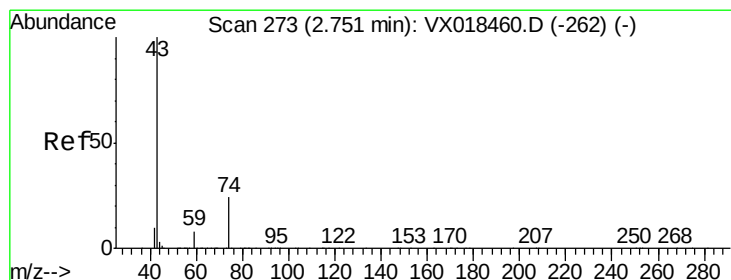
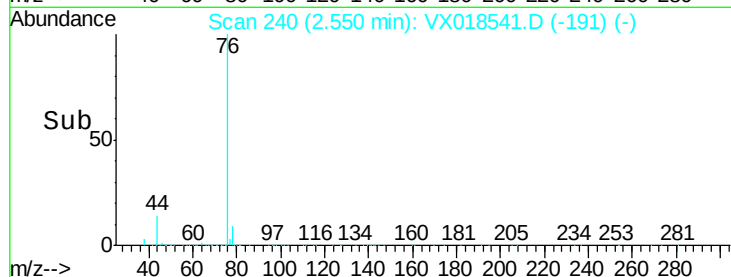
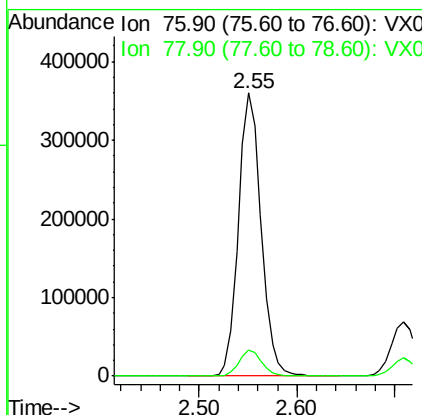
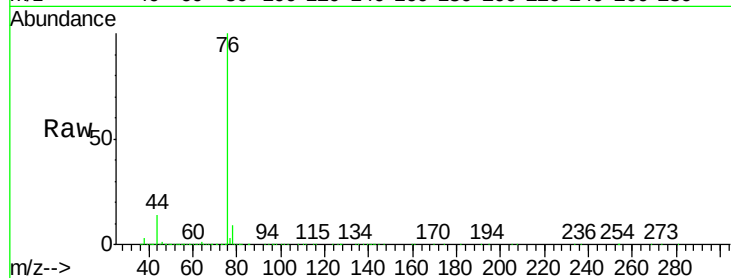
#17
Carbon Disulfide
Concen: 46.086 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.4

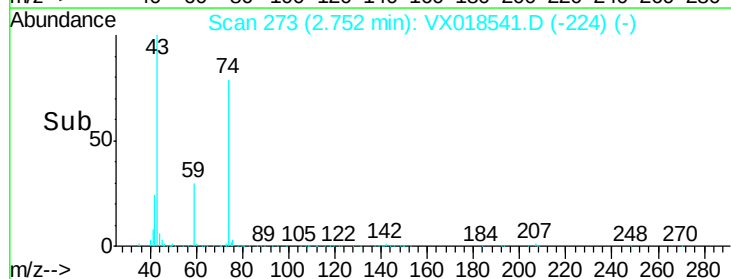
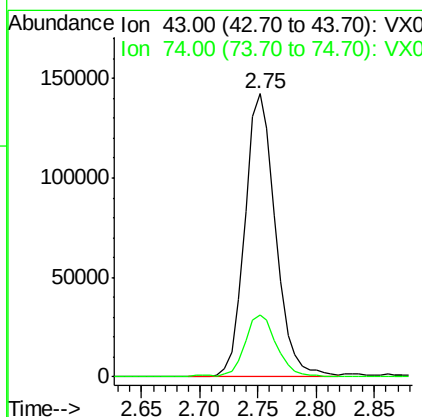
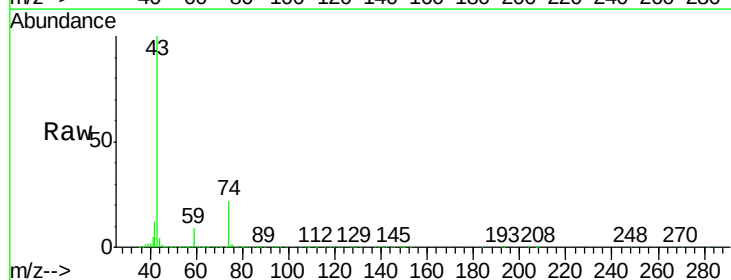
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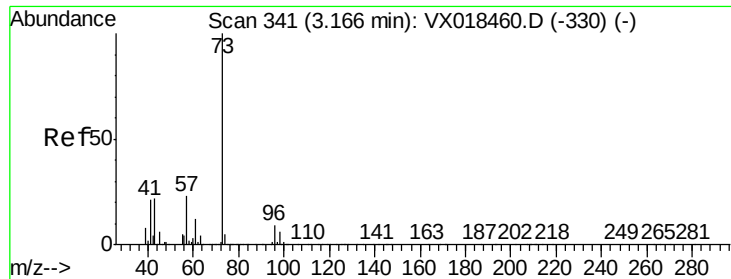
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#18
Methyl Acetate
Concen: 44.600 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.3	27.5





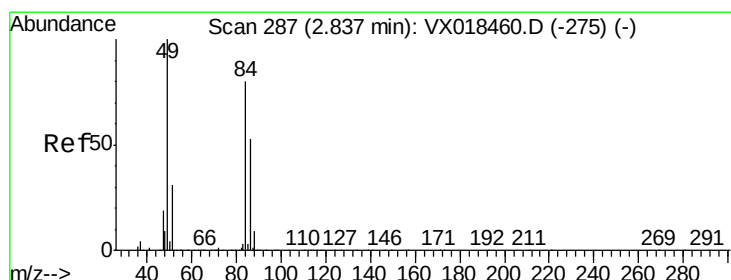
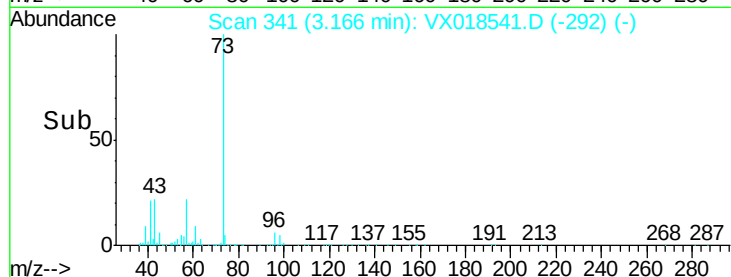
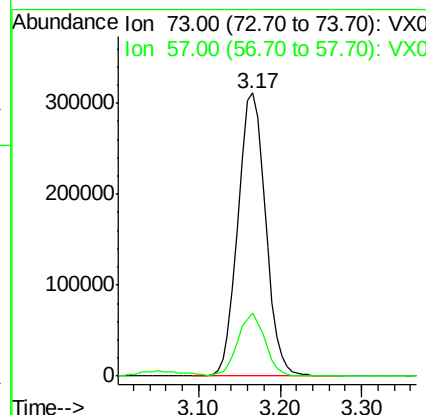
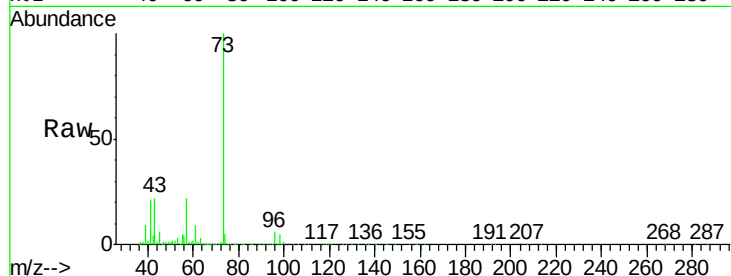
#19
Methyl tert-butyl Ether
Concen: 49.295 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	18.0	27.0

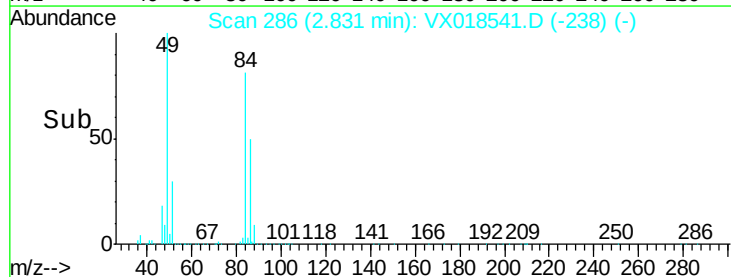
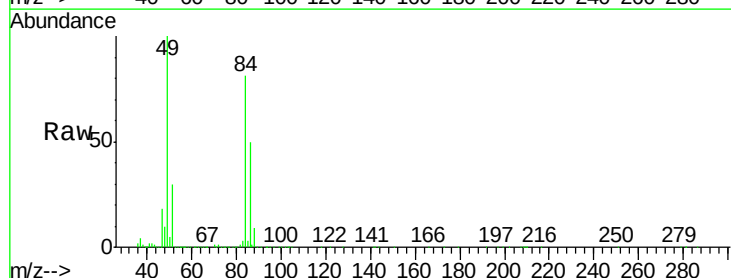
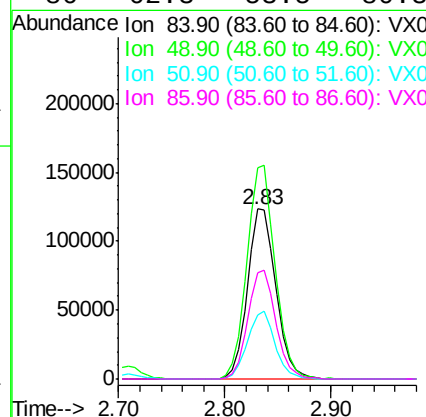
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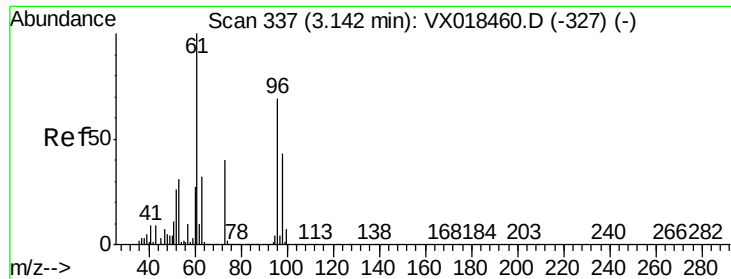
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#20
Methylene Chloride
Concen: 44.674 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.9	100.6	151.0
51	37.1	30.9	46.3
86	62.3	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 46.480 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

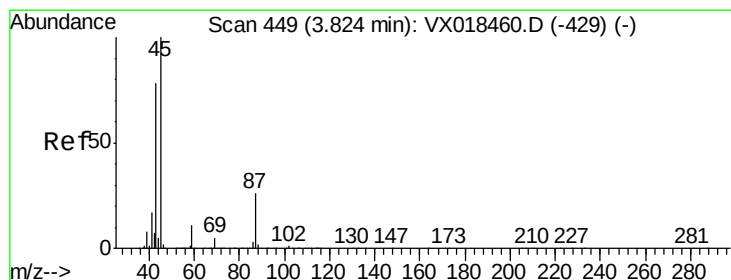
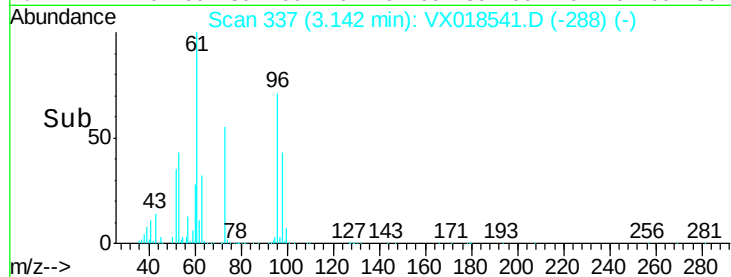
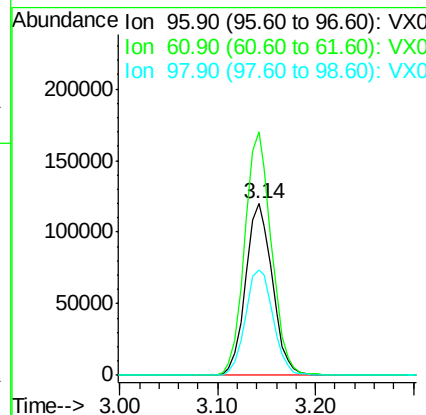
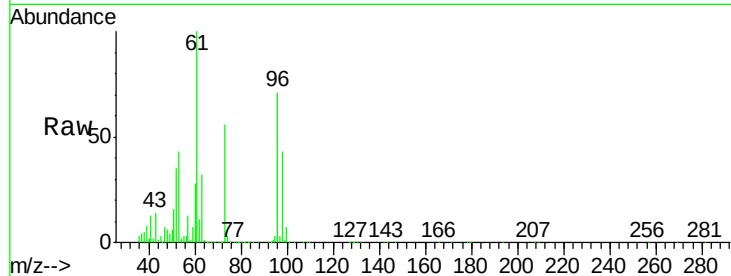
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	227542
Ion	Ratio	Lower	Upper
96	100		
61	141.6	115.6	173.4
98	60.9	50.2	75.4

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#22

Diisopropyl ether

Concen: 46.988 ug/l

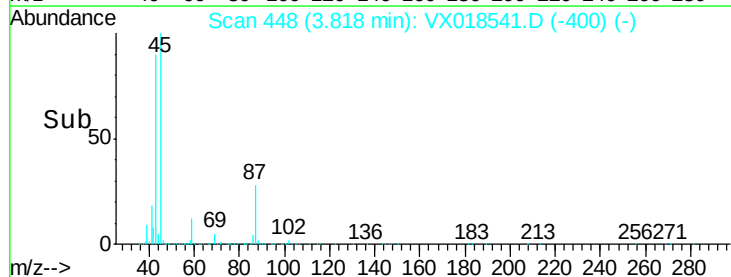
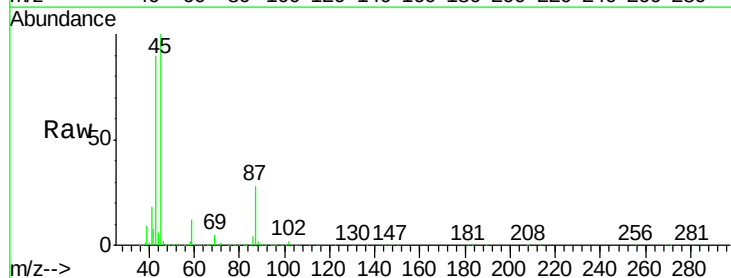
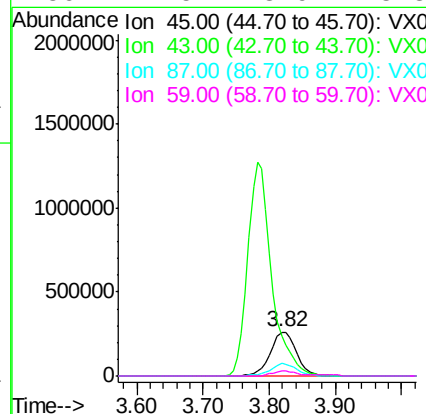
RT: 3.82 min Scan# 448

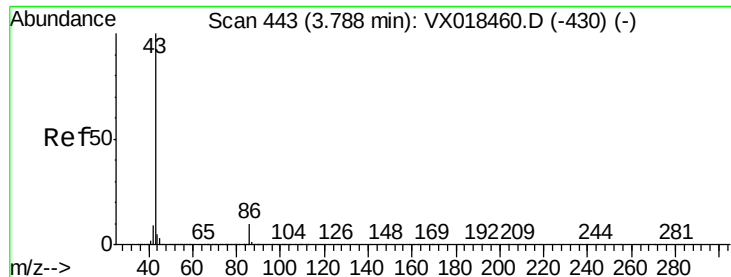
Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	45	Resp:	720950
Ion	Ratio	Lower	Upper
45	100		
43	90.2	62.4	93.6
87	28.2	21.2	31.8
59	11.5	8.9	13.3





#23

Vinyl Acetate

Concen: 236.355 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3213463

Ion Ratio Lower Upper

43 100

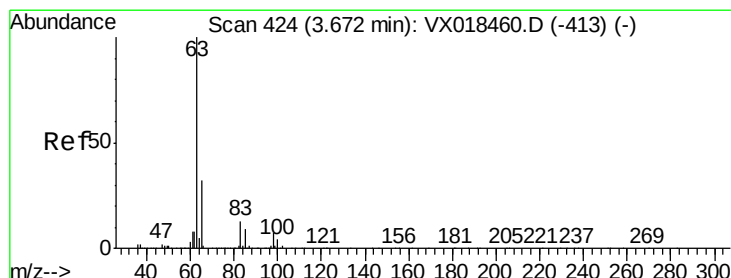
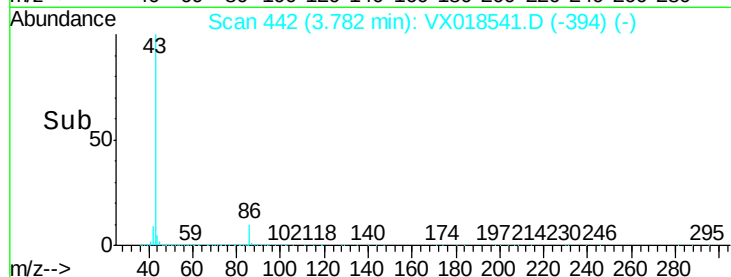
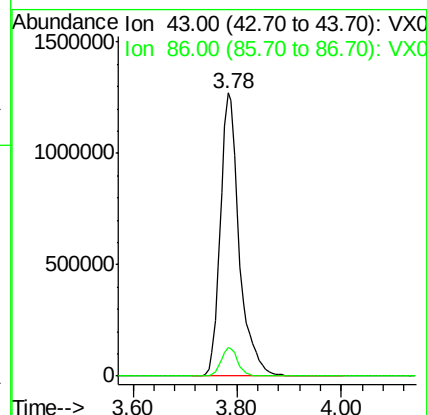
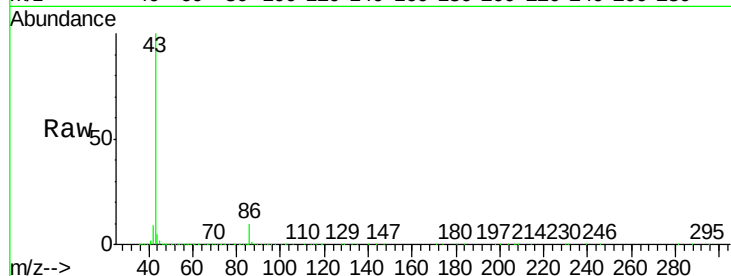
86 10.1 8.1 12.1

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#24

1,1-Dichloroethane

Concen: 46.411 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

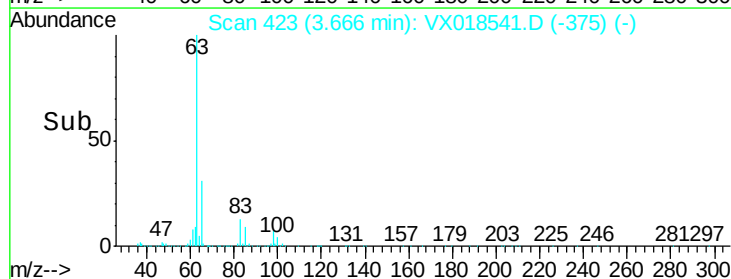
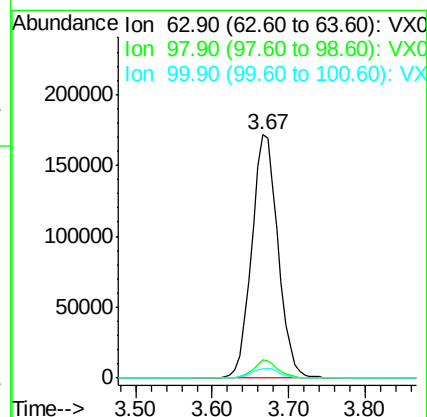
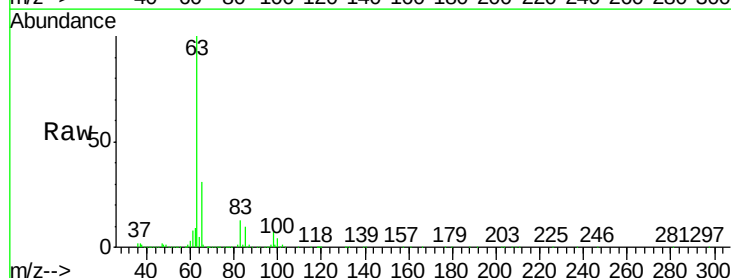
Tgt Ion: 63 Resp: 410670

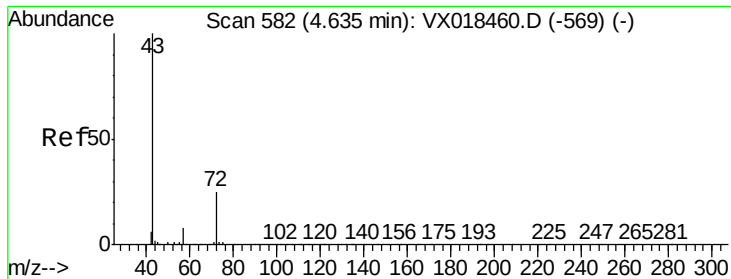
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.6

100 3.9 1.9 5.7





#25

2-Butanone

Concen: 222.206 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tot Ion: 43 Resp: 814279

Ion Ratio Lower Upper

43 100

72 25.1 20.2 30.4

Instrument :

MSVOA_X

ClientSampleId :

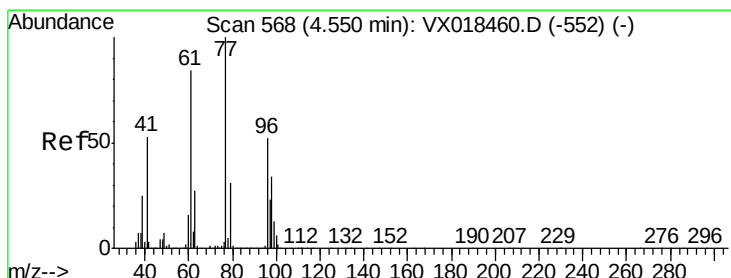
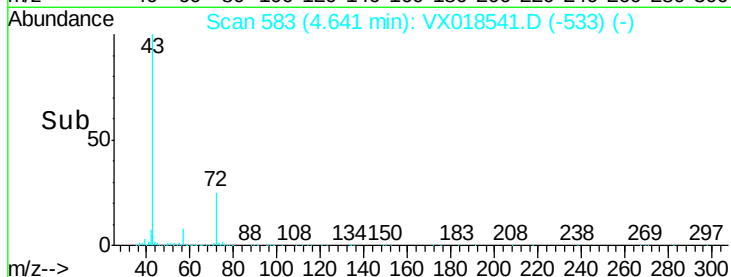
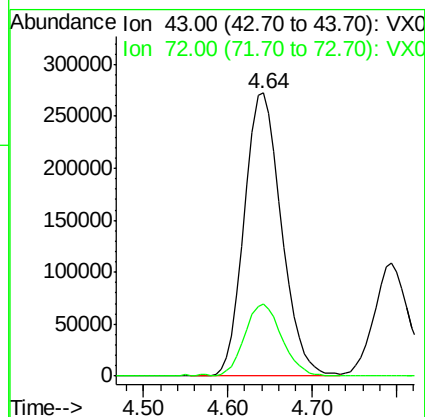
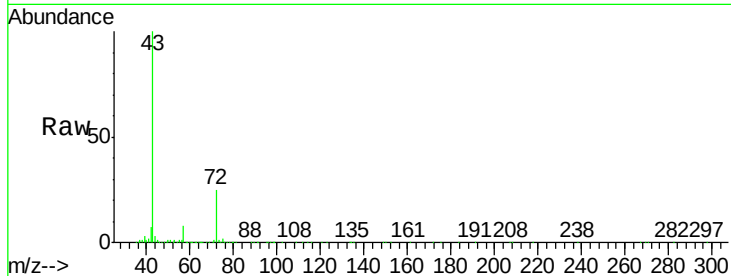
VSTDCCC050

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#26

2,2-Dichloropropane

Concen: 49.398 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX018541.D

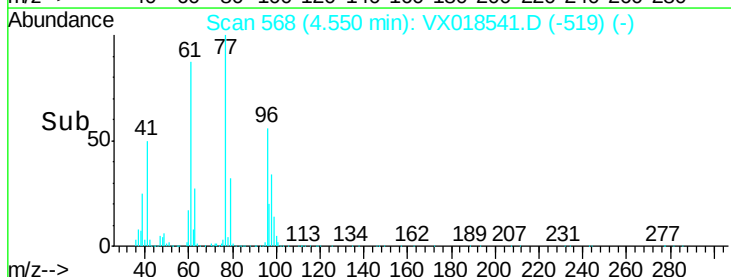
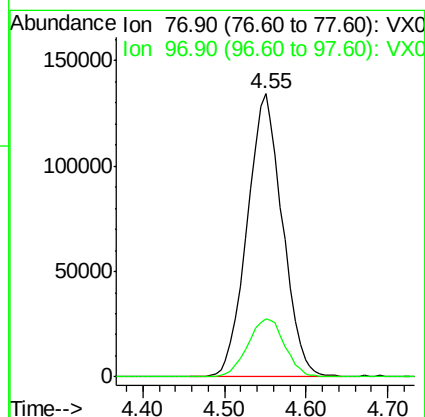
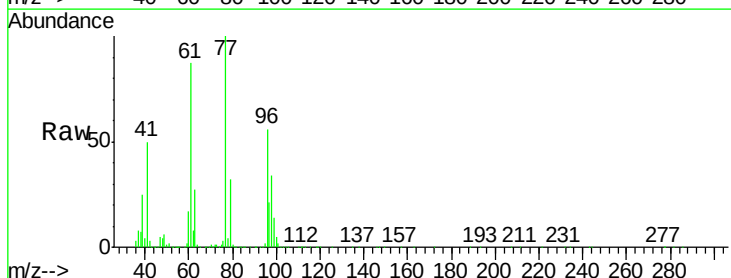
Acq: 23 Sep 2020 17:27

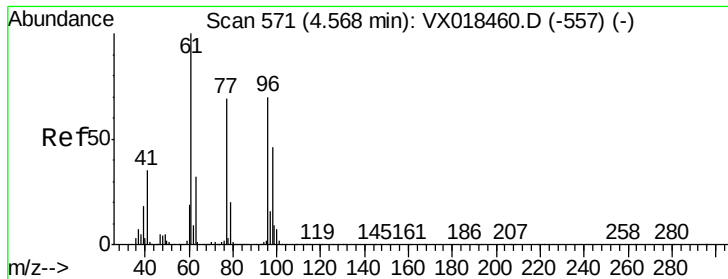
Tgt Ion: 77 Resp: 403862

Ion Ratio Lower Upper

77 100

97 21.6 11.2 33.5





#27

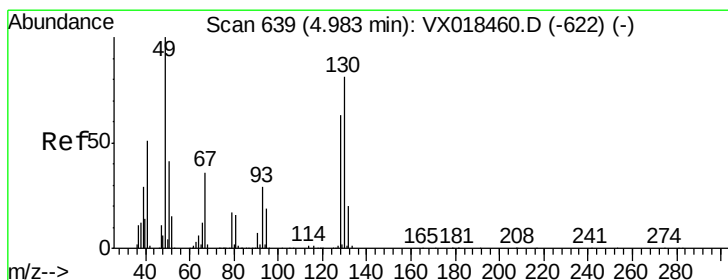
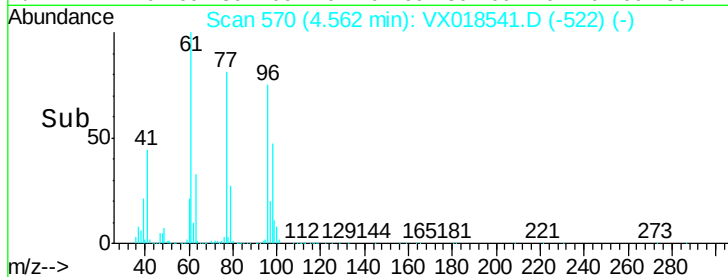
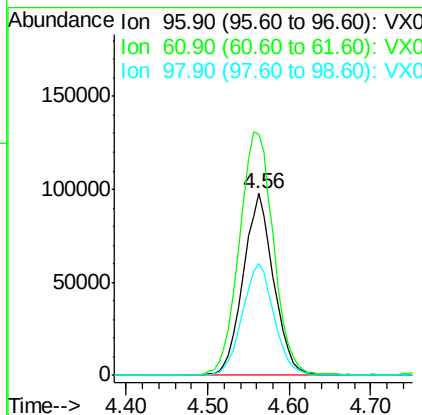
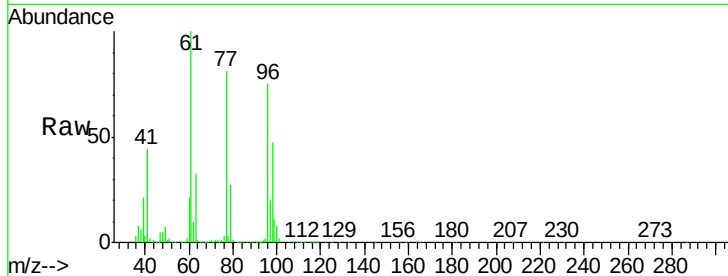
cis-1,2-Dichloroethene
Concen: 46.046 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	252655		
61	151.4	0.0	300.0	
98	64.4	0.0	130.4	

Manual Integrations
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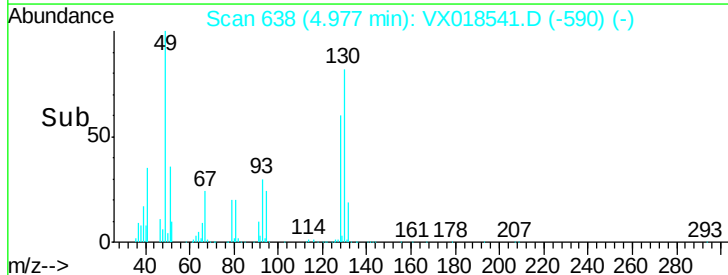
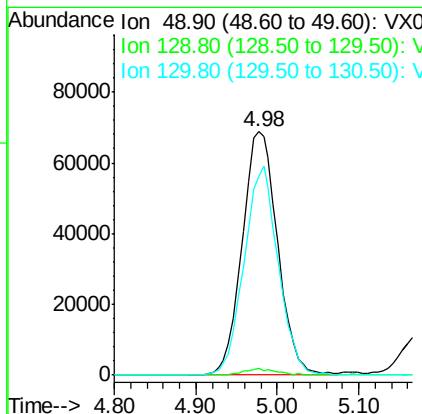
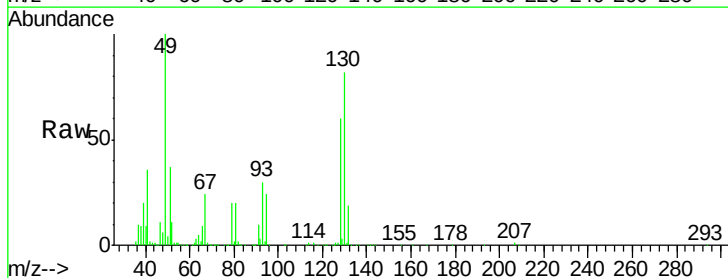
MMDadoda
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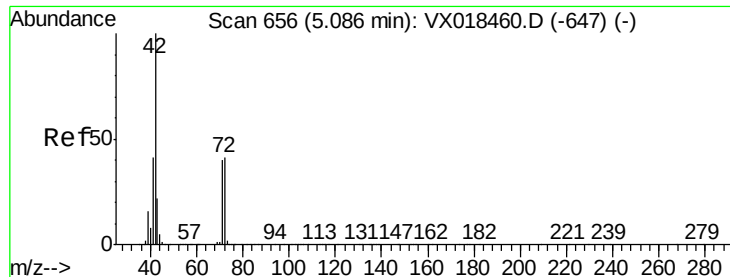


#28

Bromochloromethane
Concen: 49.888 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	206568		
129	2.4	0.0	4.6	
130	83.3	65.0	97.4	





#29

Tetrahydrofuran

Concen: 211.869 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

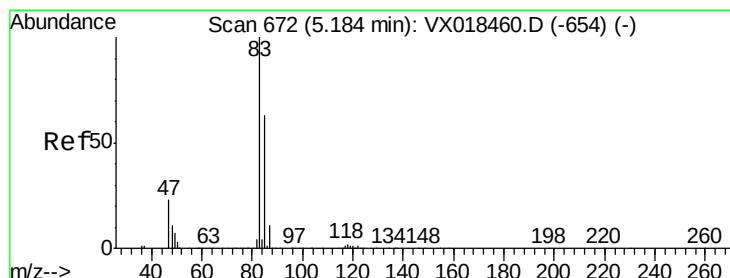
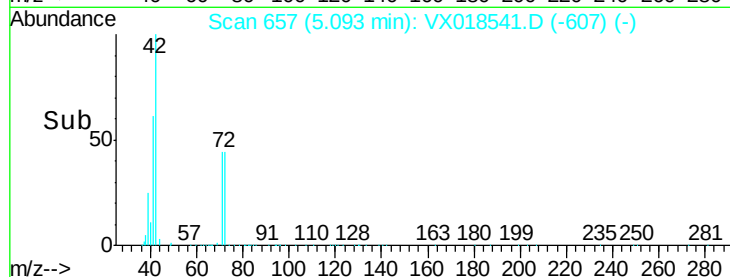
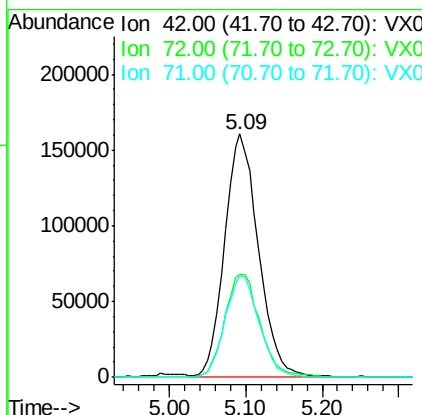
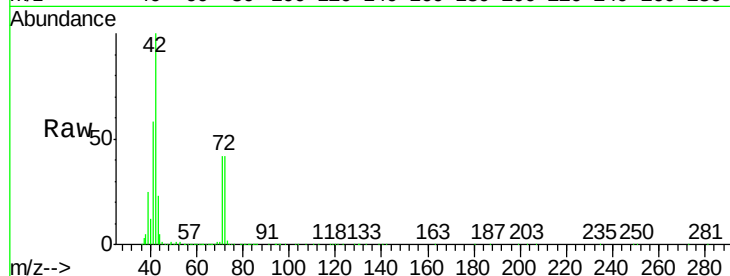
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	489352
Ion Ratio		Lower	Upper
42	100		
72	44.7	34.3	51.5
71	42.4	32.1	48.1

Manual Integrations
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#30

Chloroform

Concen: 48.952 ug/l

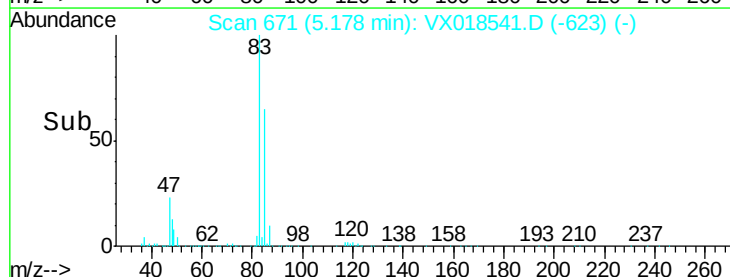
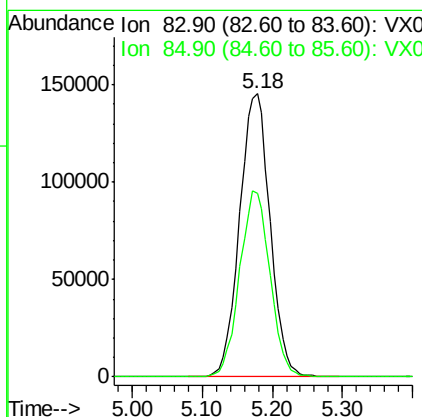
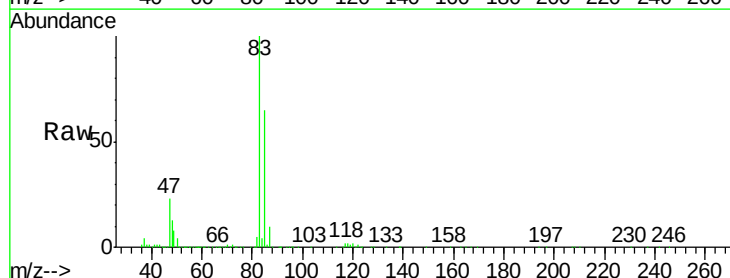
RT: 5.18 min Scan# 671

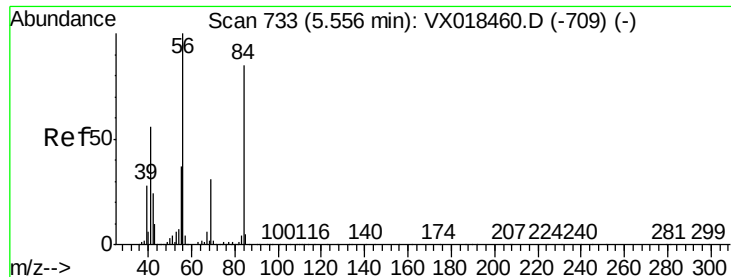
Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	83	Resp:	439492
Ion Ratio		Lower	Upper
83	100		
85	65.0	50.6	76.0





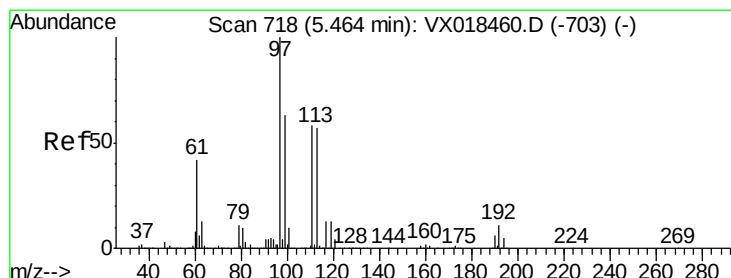
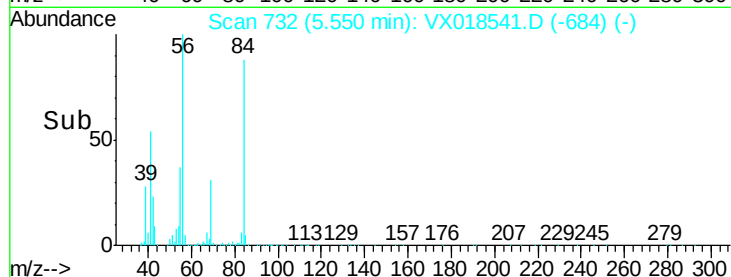
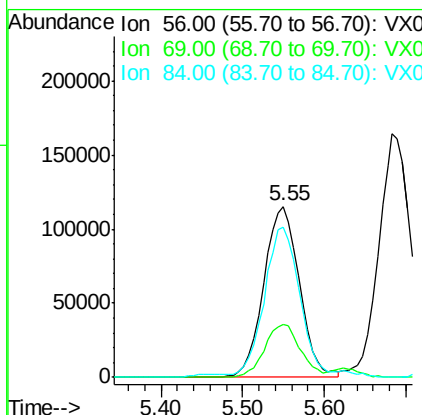
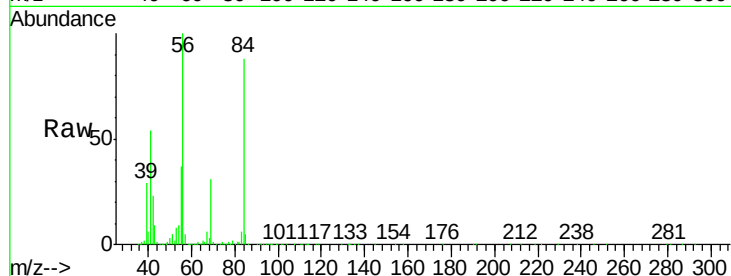
#31
Cyclohexane
Concen: 47.020 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.8	37.2
84	86.9	67.6	101.4

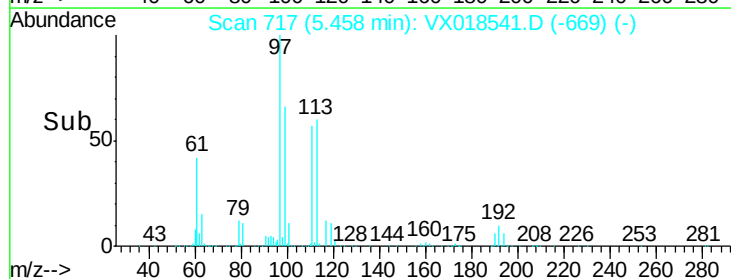
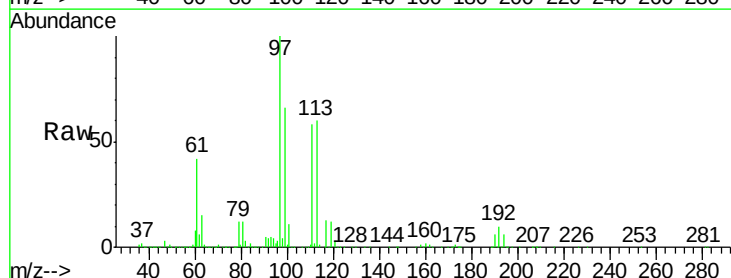
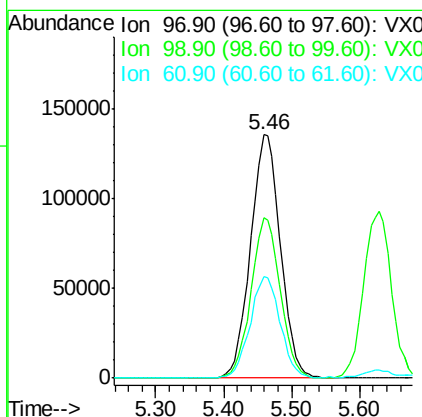
Manual Integrations
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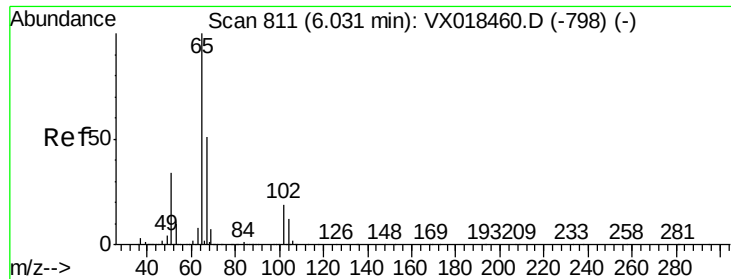
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#32
1,1,1-Trichloroethane
Concen: 49.451 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.5	75.7
61	42.1	33.4	50.2





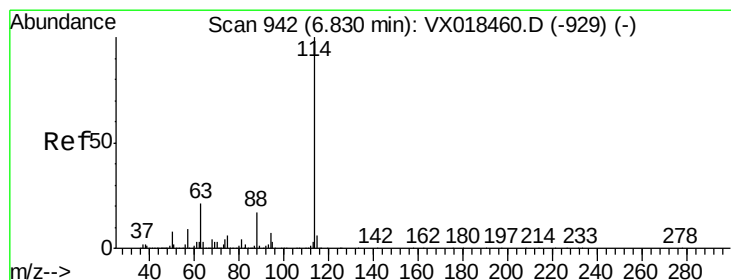
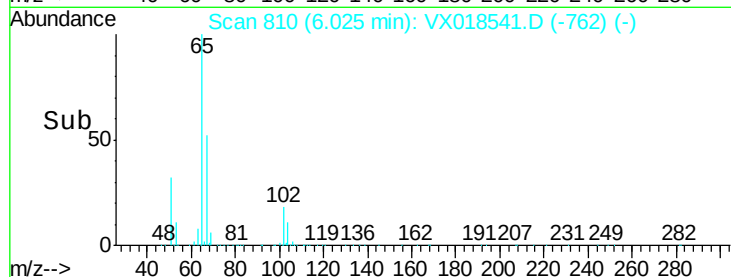
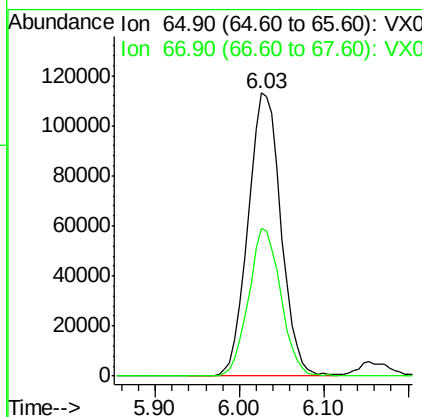
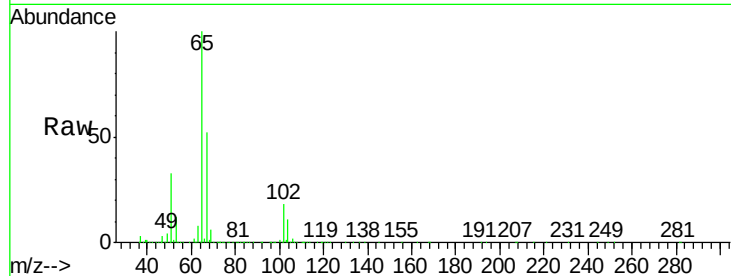
#33
 1,2-Dichloroethane-d4
 Concen: 49.129 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	302293		
67	51.1	0.0	105.6	

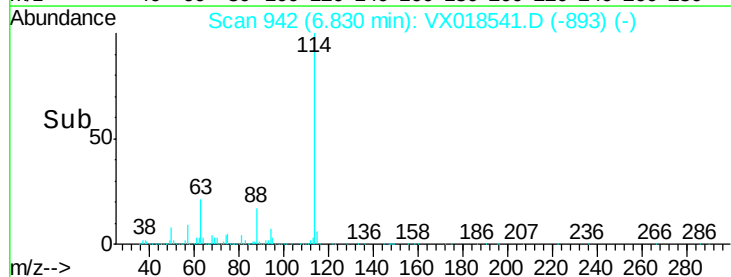
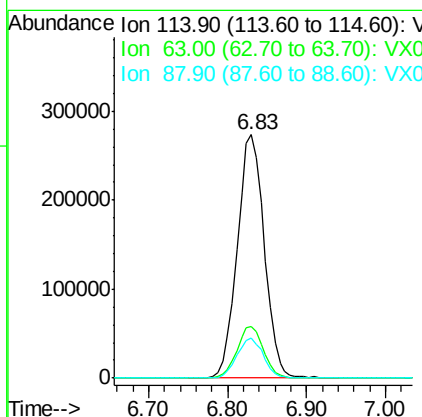
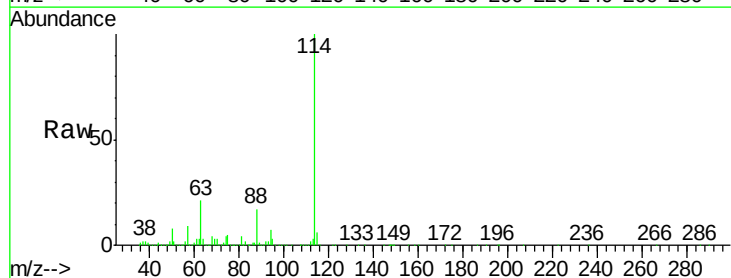
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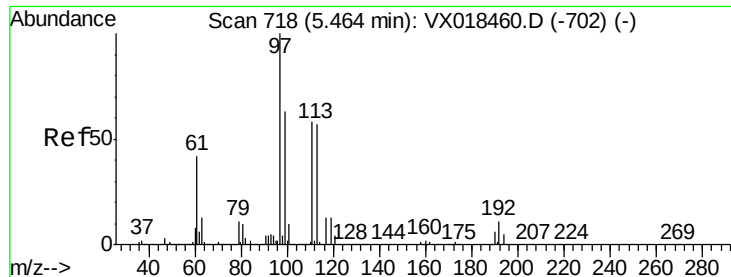
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	652708		
63	21.4	0.0	42.8	
88	16.7	0.0	33.6	





#35

Dibromofluoromethane

Concen: 52.197 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

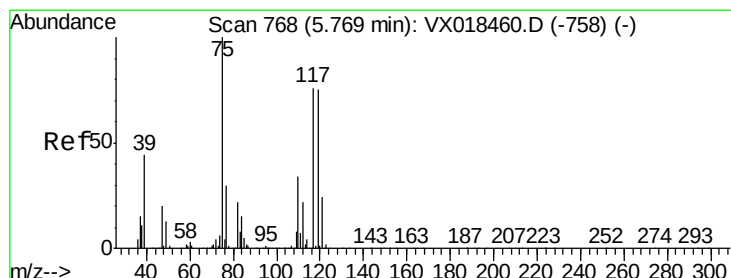
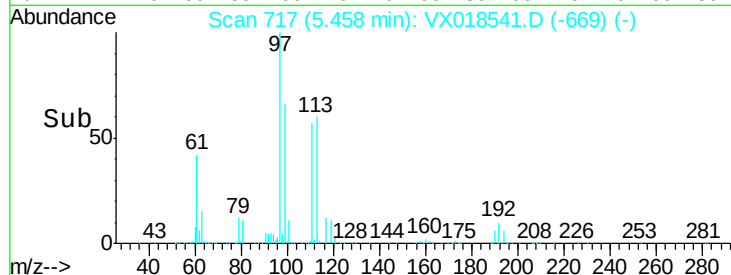
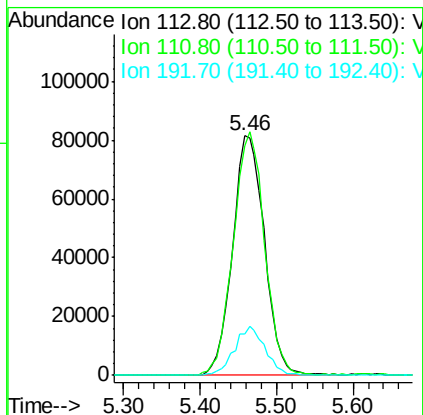
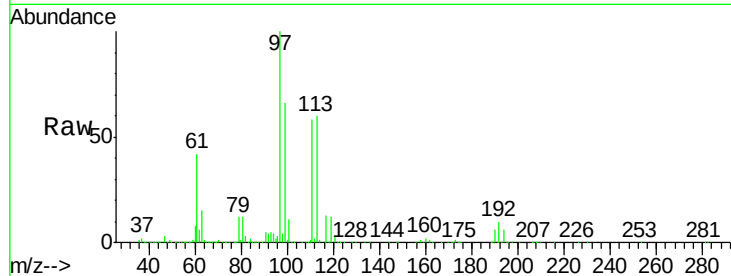
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	235527
Ion Ratio	Lower	Upper	
113	100		
111	100.0	81.4	122.2
192	19.7	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.132 ug/l

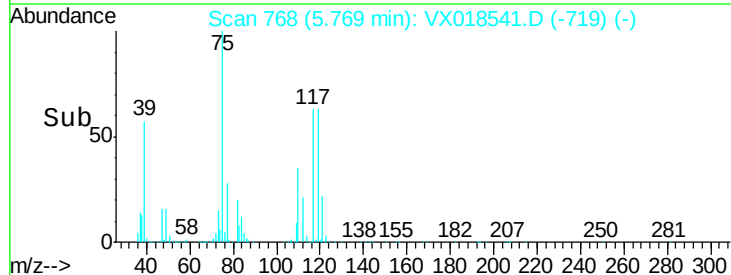
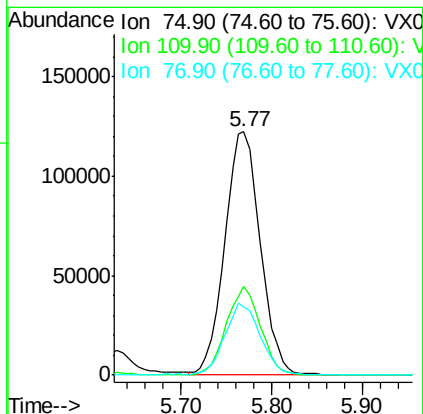
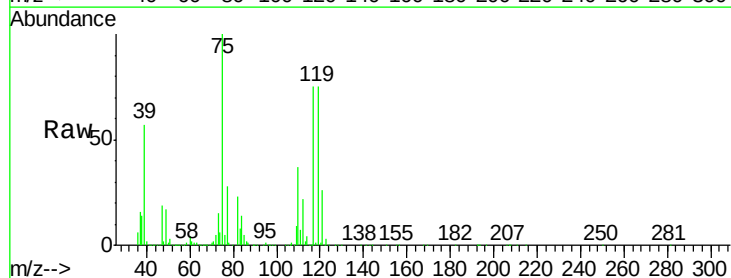
RT: 5.77 min Scan# 768

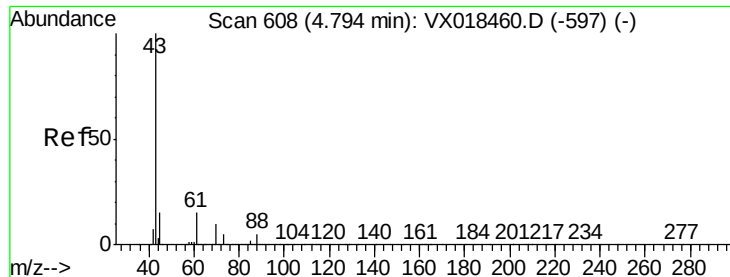
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	75	Resp:	330266
Ion Ratio	Lower	Upper	
75	100		
110	35.5	17.6	52.8
77	29.6	25.0	37.6





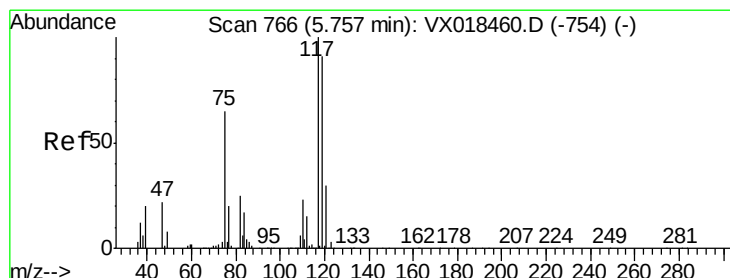
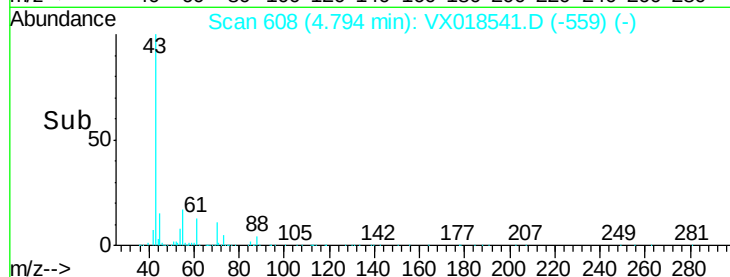
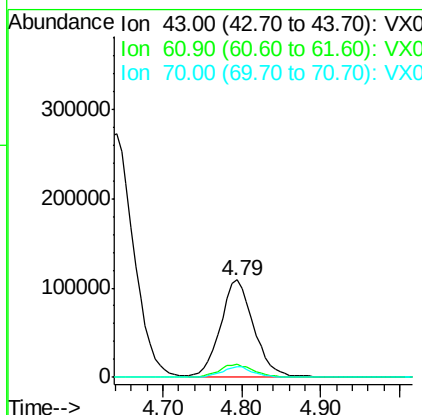
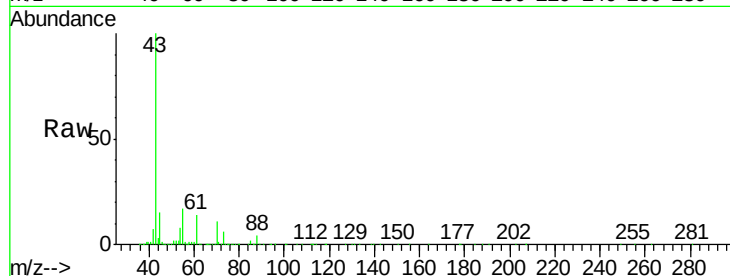
#37
Ethyl Acetate
Concen: 46.733 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	10.9	16.3
70	10.6	8.3	12.5

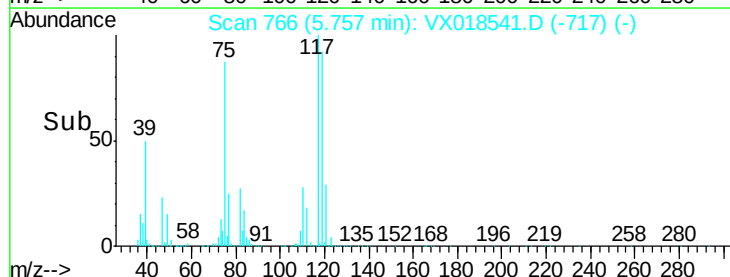
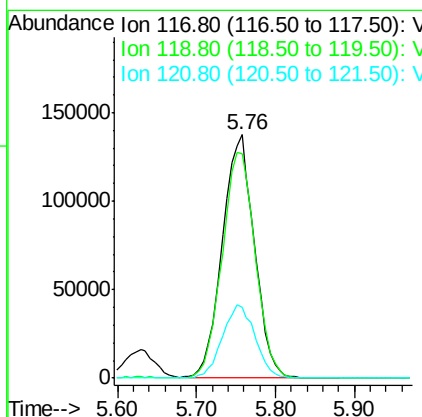
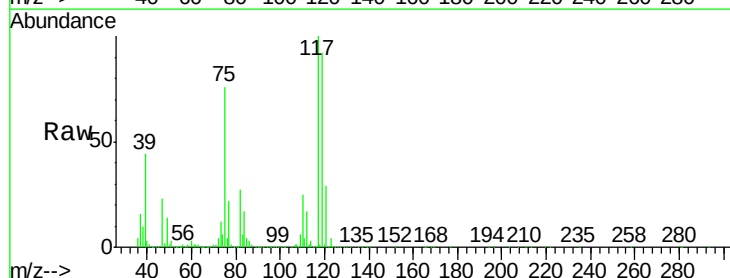
Manual Integrations
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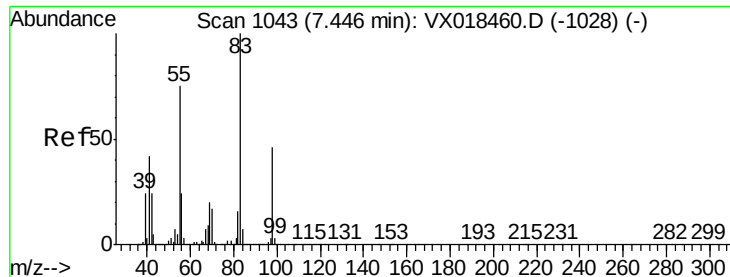
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#38
Carbon Tetrachloride
Concen: 55.383 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	72.3	108.5
121	29.0	23.8	35.8





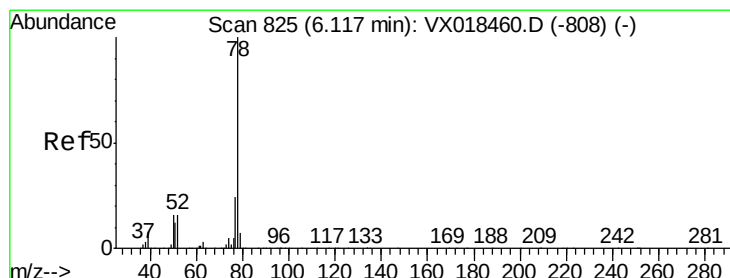
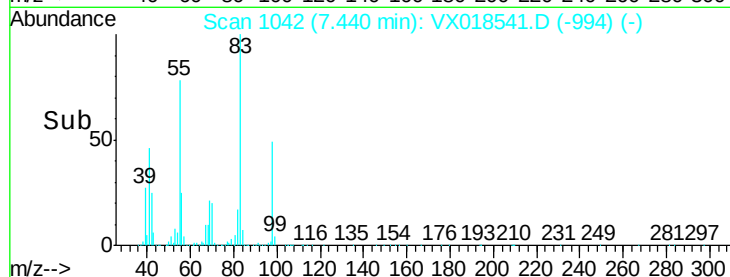
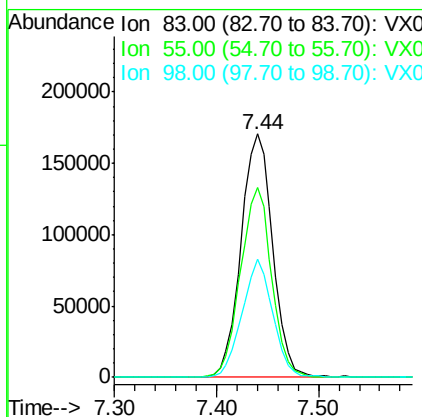
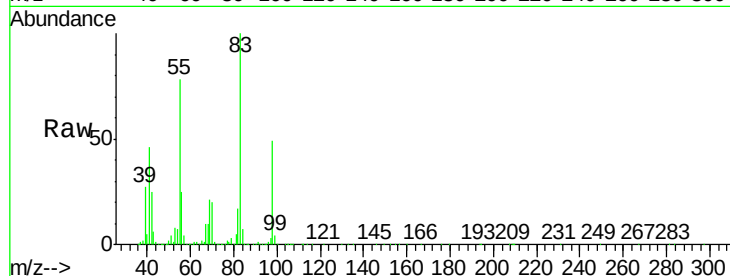
#39
Methylvlcyclohexane
Concen: 51.797 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	77.9	60.2	90.4	
98	48.7	36.4	54.6	

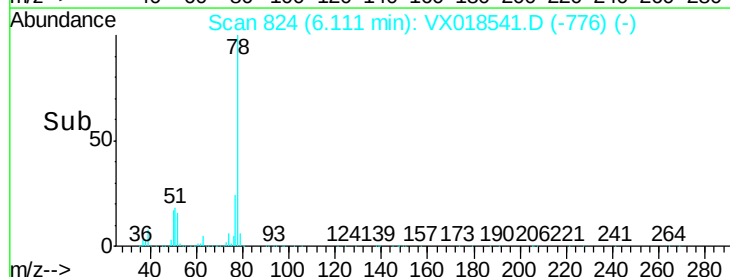
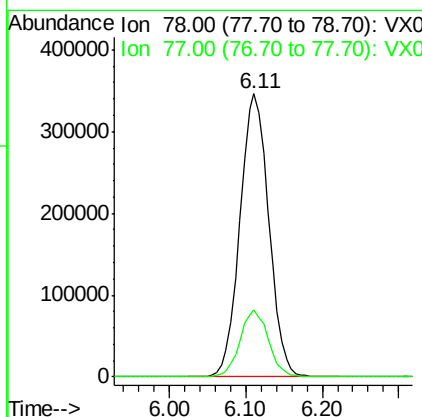
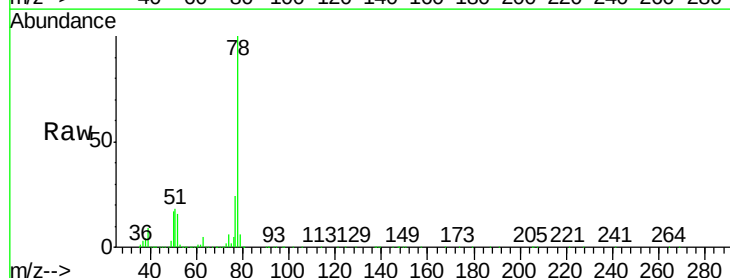
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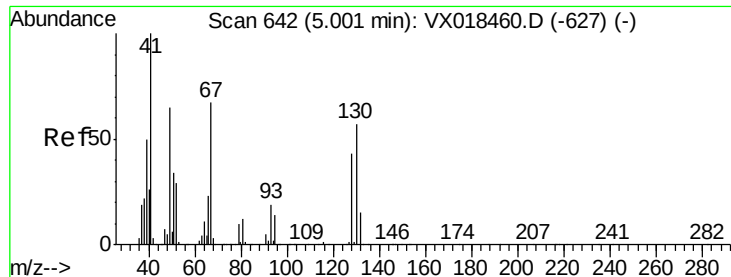
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#40
Benzene
Concen: 49.933 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.9	19.0	28.4	





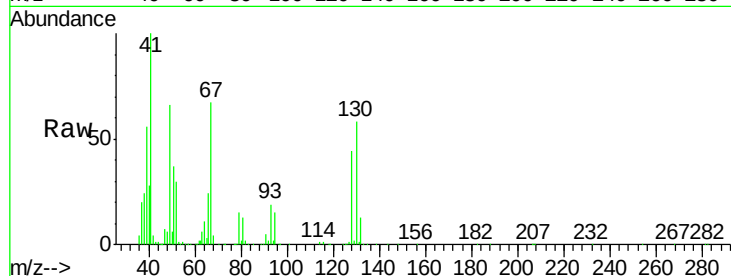
#41
Methacrylonitrile
Concen: 46.661 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

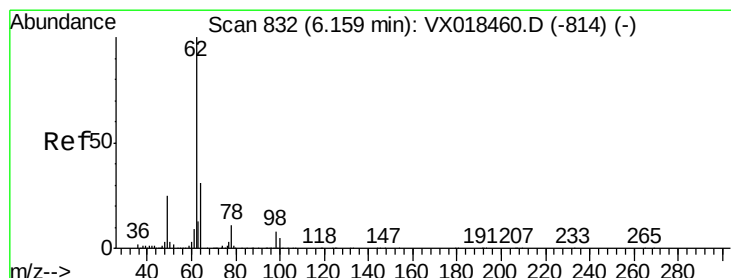
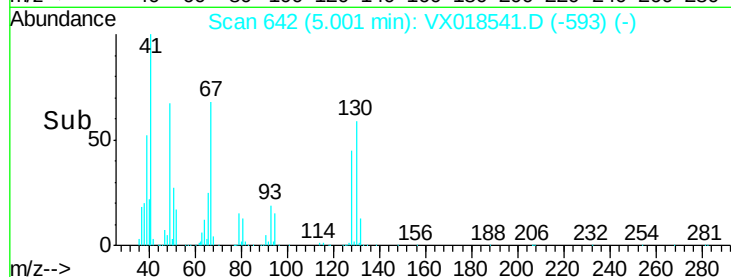
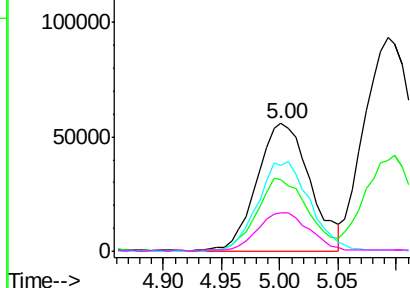
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.2	45.3	67.9	
67	69.5	56.7	85.1	
52	29.6	23.4	35.0	

Manual Integrations
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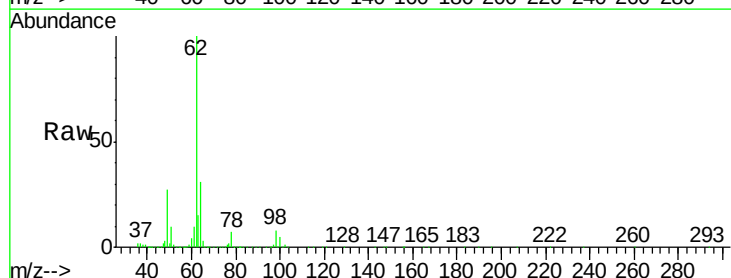


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

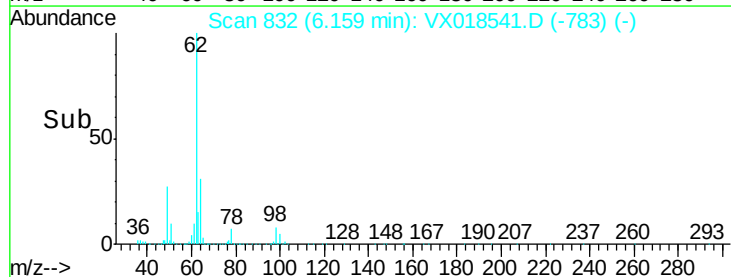
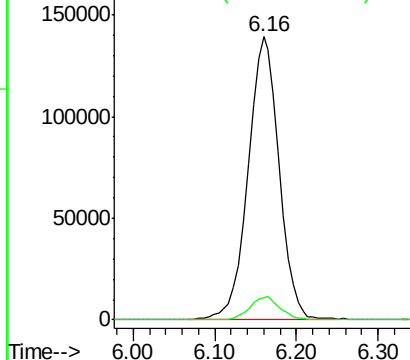


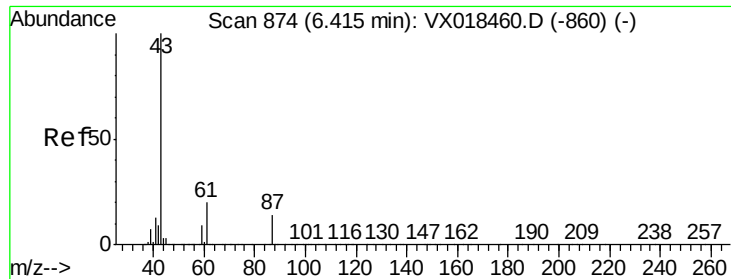
#42
1,2-Dichloroethane
Concen: 52.112 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	16.6	



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





#43

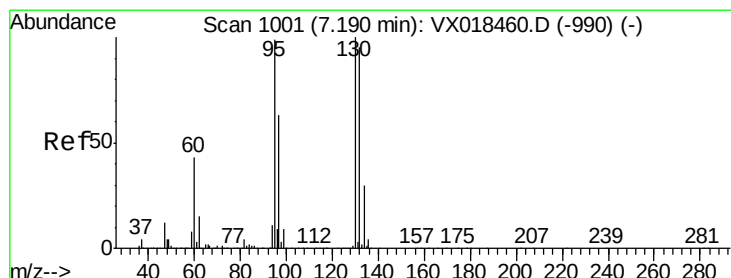
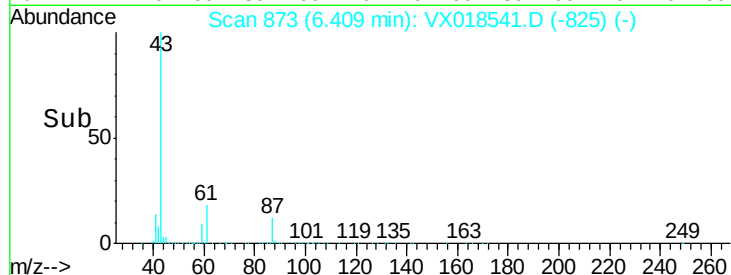
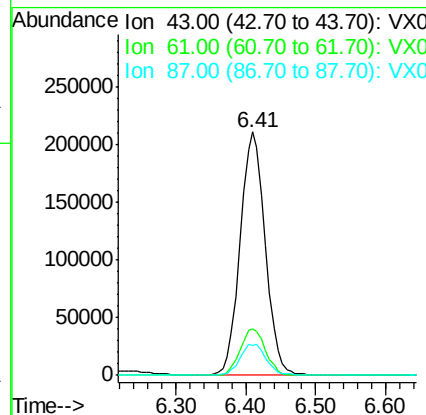
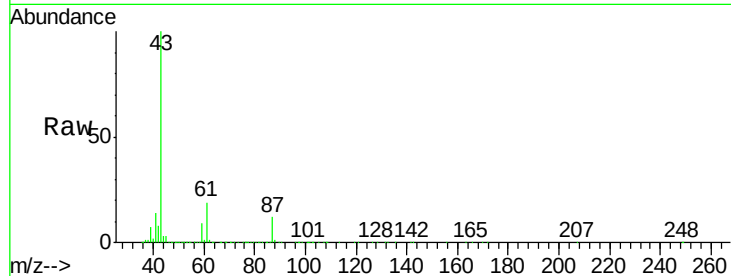
Isopropyl Acetate
 Concen: 46.437 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.4	10.4	15.6

Manual Integrations
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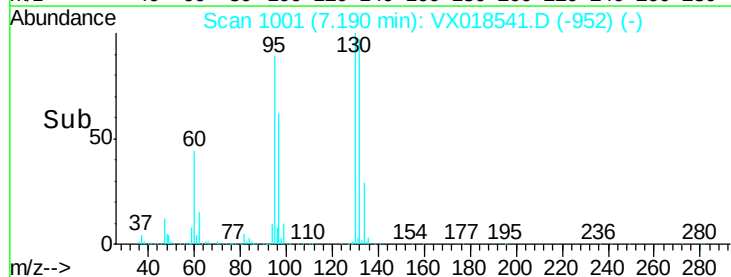
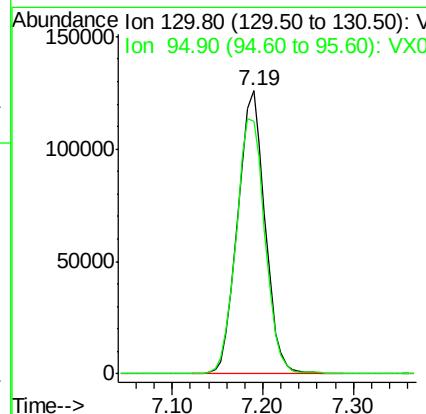
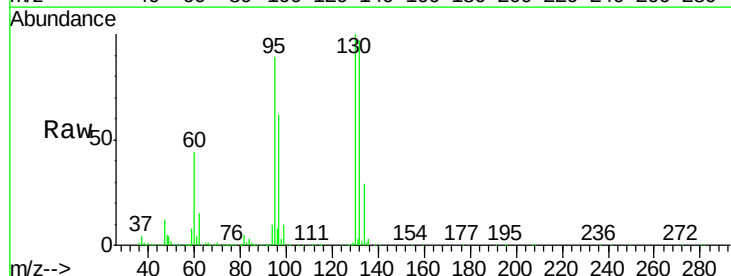
MMDadoda
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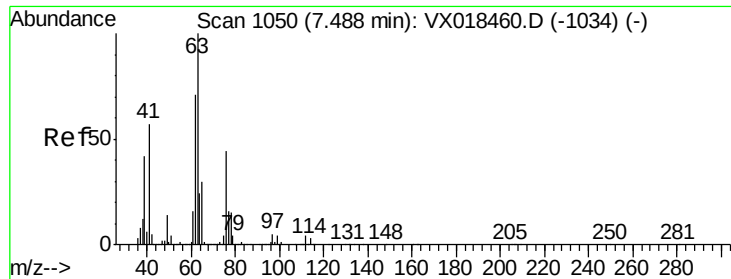


#44

Trichloroethene
 Concen: 50.084 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.2	0.0	197.4





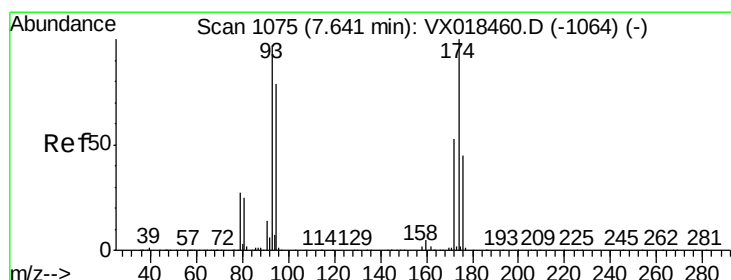
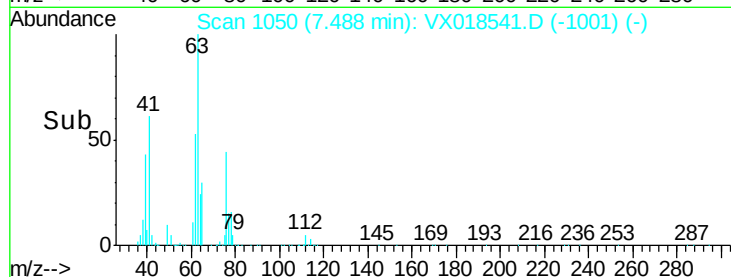
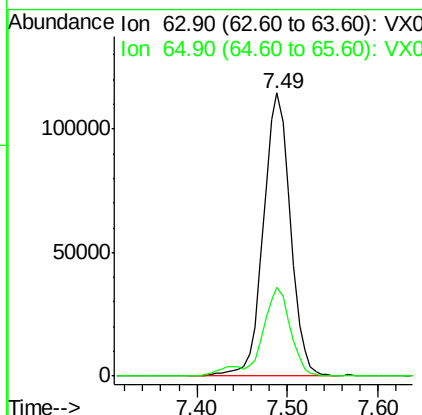
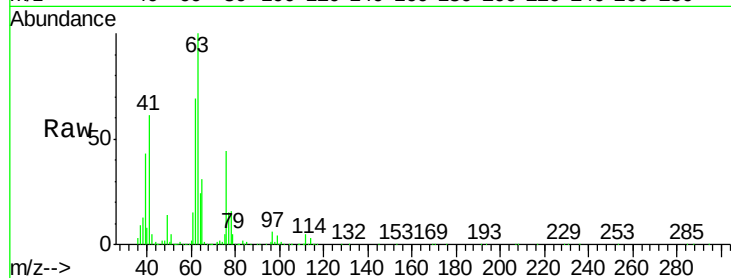
#45
 1,2-Dichloropropane
 Concen: 47.536 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.1	36.1

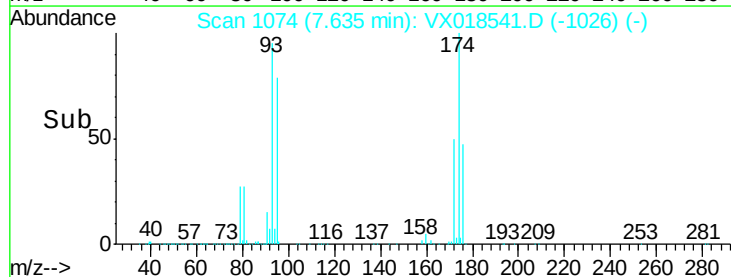
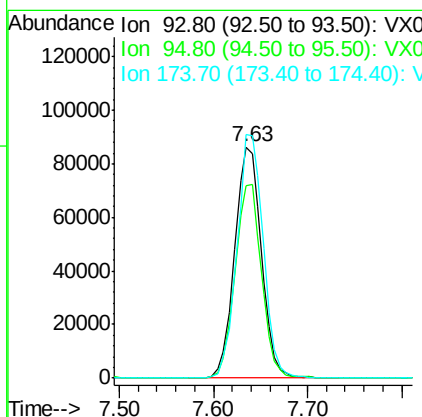
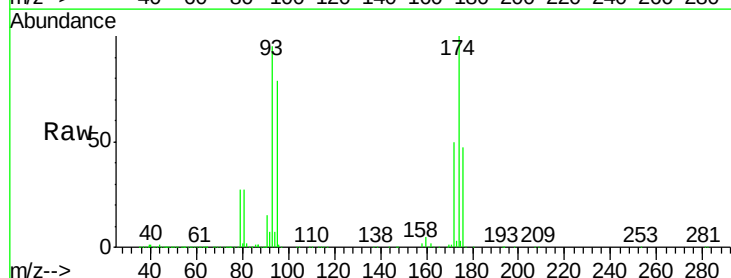
Manual Integrations
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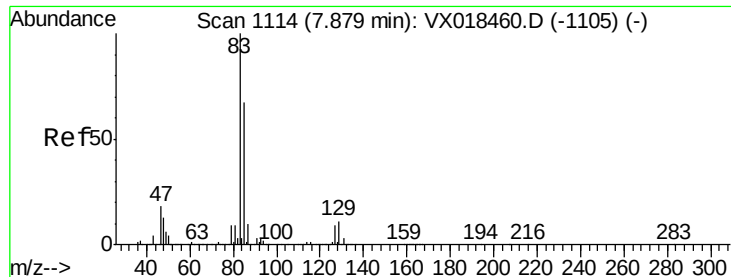
MMDadoda
 9/24/2020 1:39:29 PM



#46
 Dibromomethane
 Concen: 49.739 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.0	97.4
174	103.1	82.0	123.0





#47

Bromodichloromethane

Concen: 51.455 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

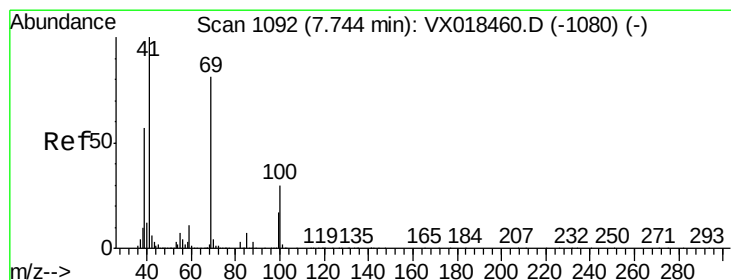
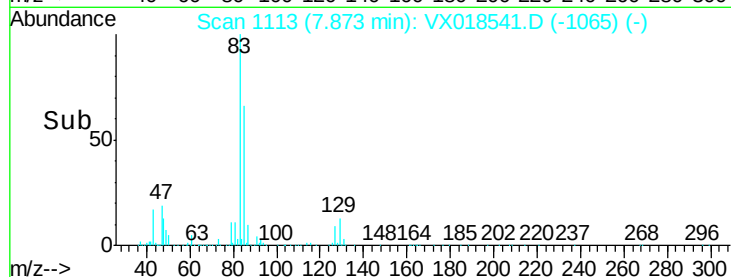
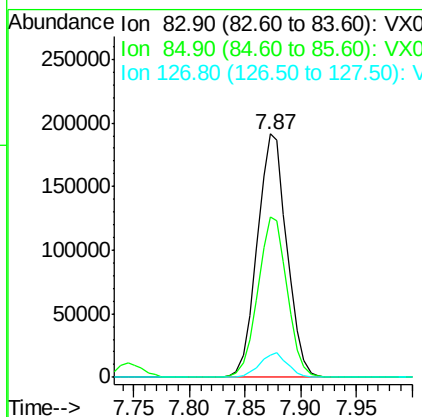
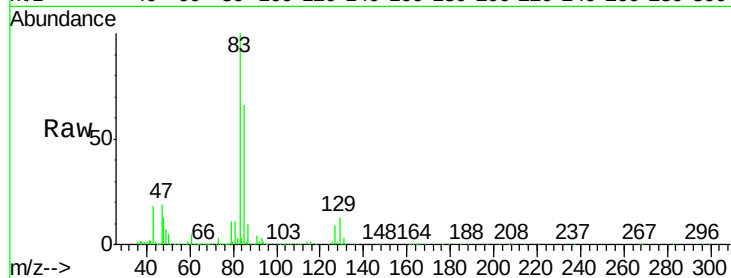
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	355037
Ion Ratio	Lower	Upper	
83	100		
85	65.7	53.3	79.9
127	9.3	7.4	11.2

Manual Integrations
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MMDadoda
9/24/2020 1:39:29 PM



#48

Methyl methacrylate

Concen: 46.975 ug/l

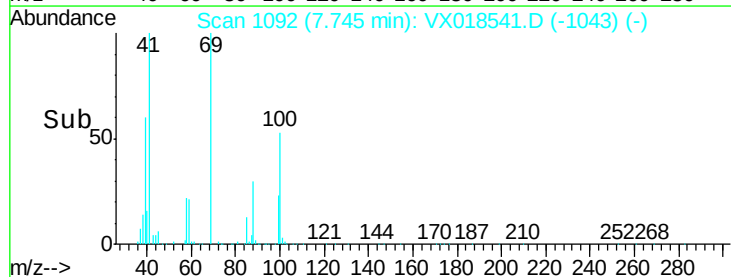
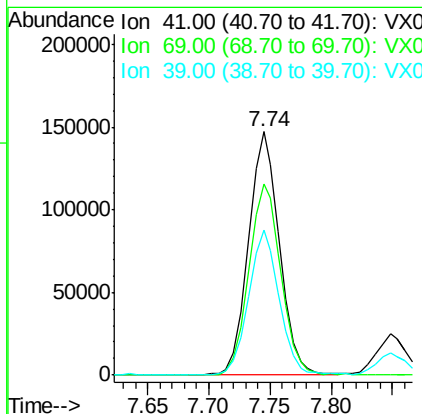
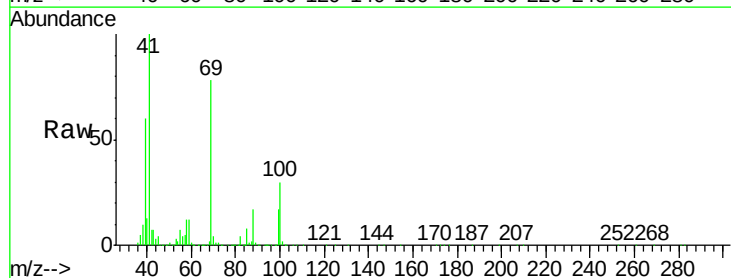
RT: 7.74 min Scan# 1092

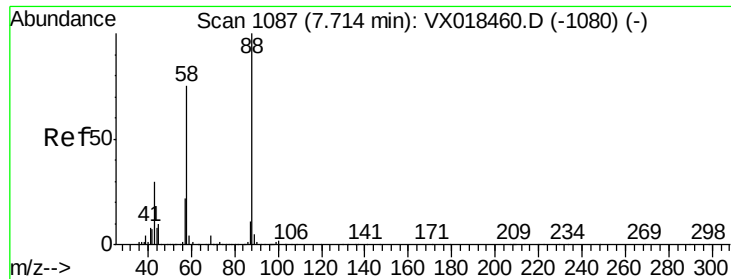
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	41	Resp:	256680
Ion Ratio	Lower	Upper	
41	100		
69	81.8	63.7	95.5
39	59.2	45.0	67.4





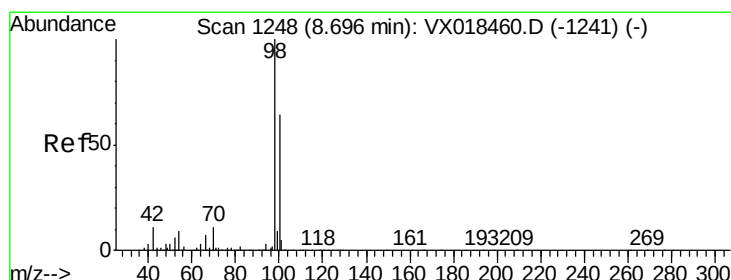
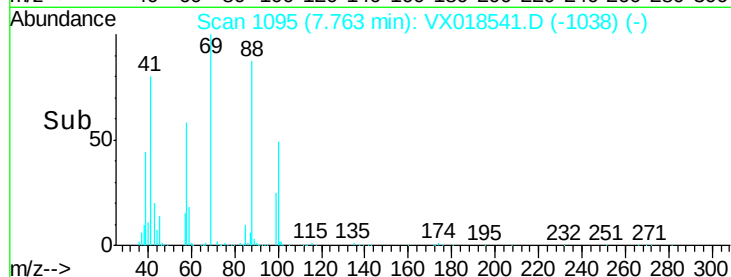
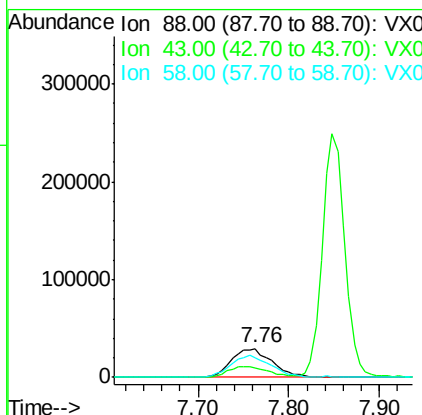
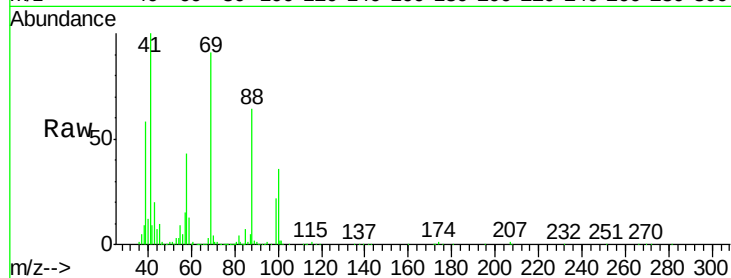
#49
1,4-Dioxane
Concen: 1020.242 ug/l
RT: 7.76 min Scan# 1095
Delta R.T. 0.05 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.5	29.9	44.9
58	73.0	59.0	88.6

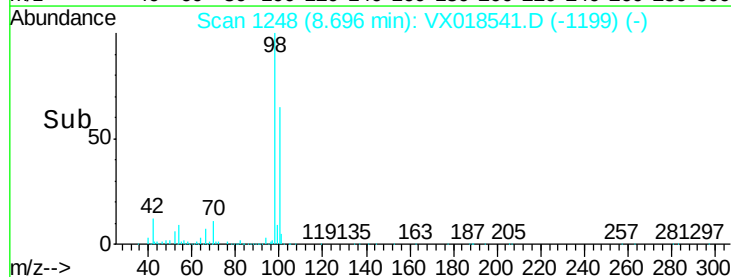
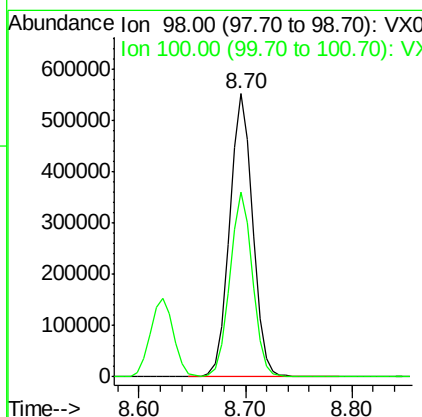
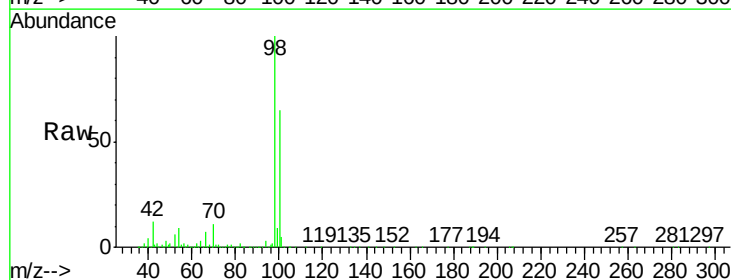
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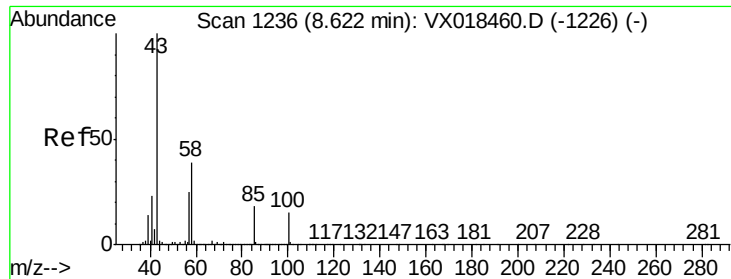
MMDadoda
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#50
Toluene-d8
Concen: 51.341 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5





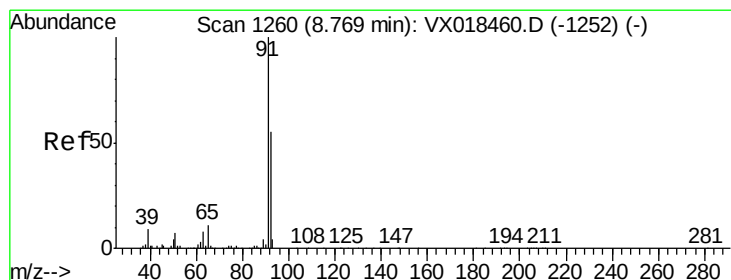
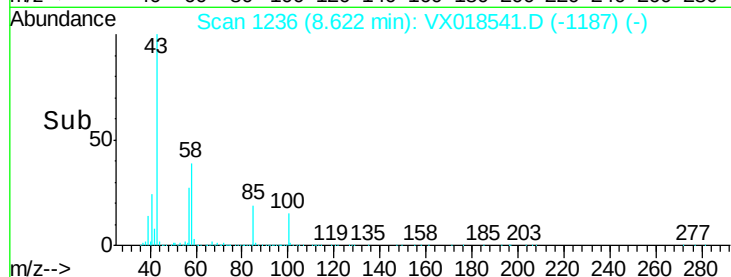
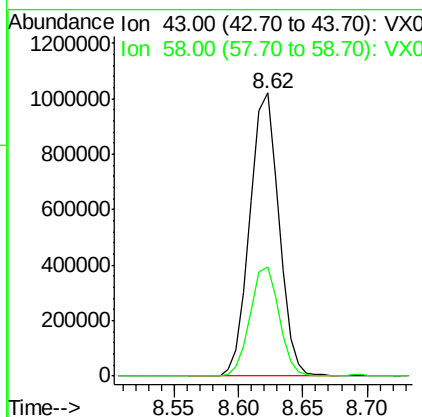
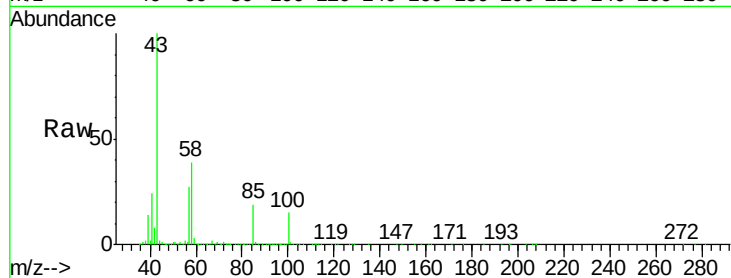
#51
4-Methyl-2-Pentanone
Concen: 237.454 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1587206
Ion Ratio Lower Upper
43 100
58 38.4 30.9 46.3

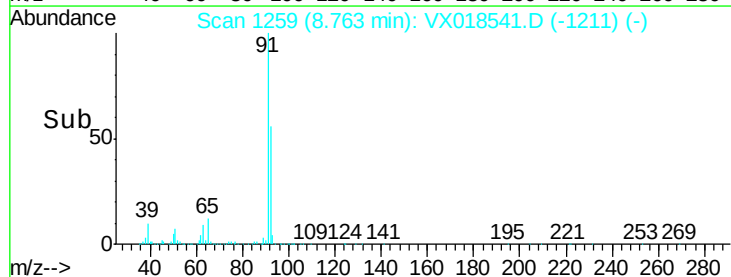
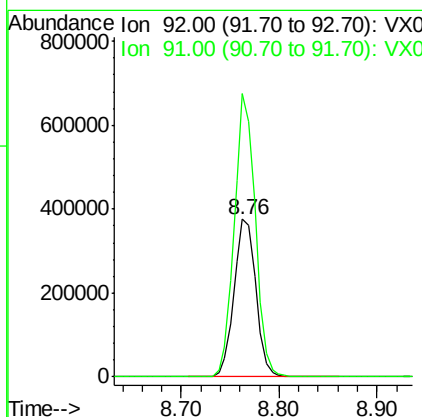
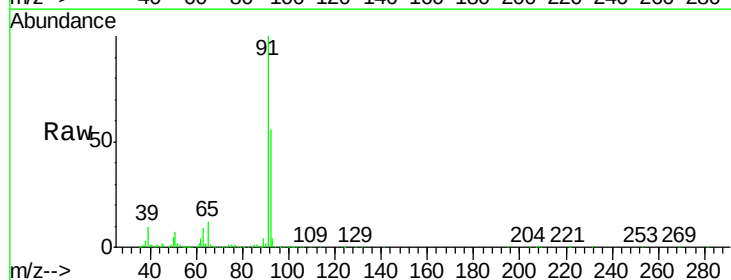
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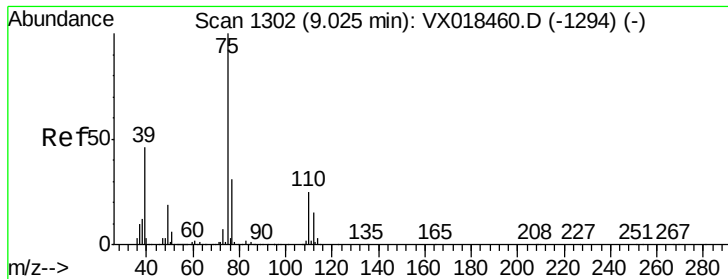
MMDadoda
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#52
Toluene
Concen: 50.909 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 92 Resp: 581631
Ion Ratio Lower Upper
92 100
91 173.1 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 50.419 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 395298

Ion Ratio Lower Upper

75 100

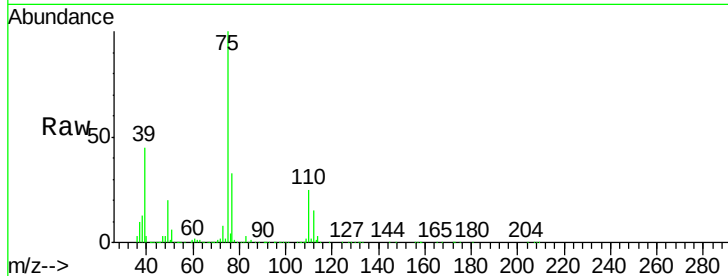
77 32.5 25.1 37.7

Manual Integrations

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9/24/2020 1:39:29 PM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

250000

200000

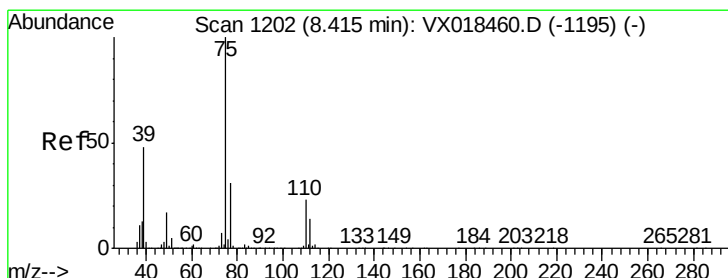
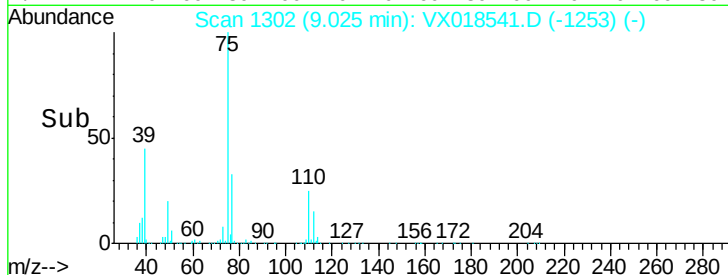
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.740 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

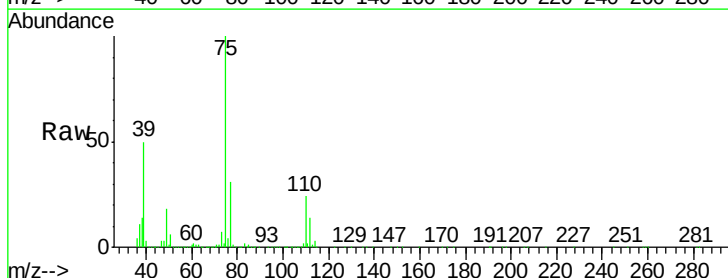
Tgt Ion: 75 Resp: 409825

Ion Ratio Lower Upper

75 100

77 31.1 24.8 37.2

39 49.8 38.6 58.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

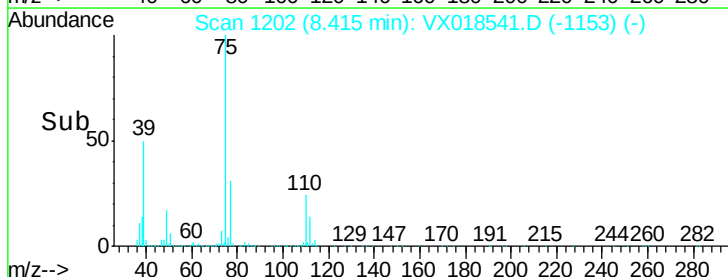
300000

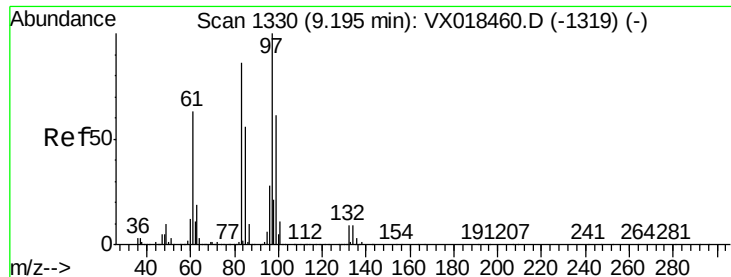
200000

100000

0

Time-->





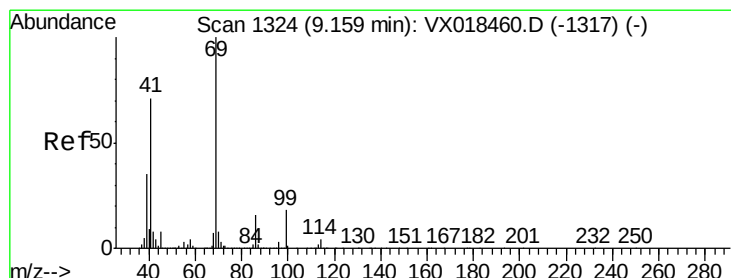
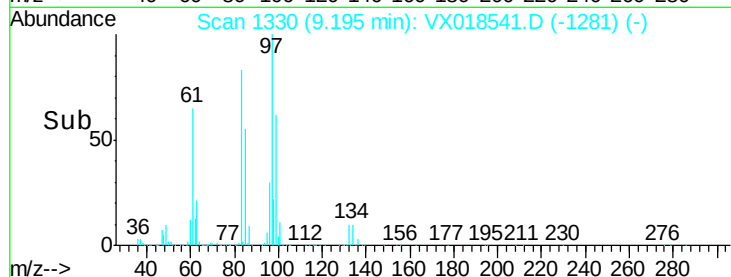
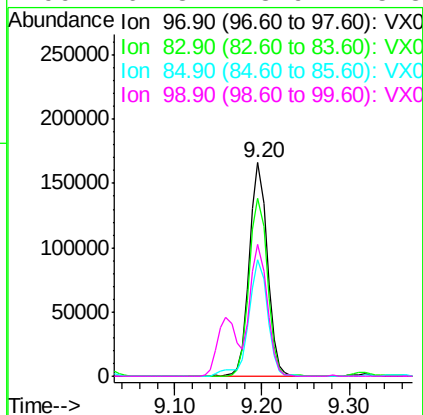
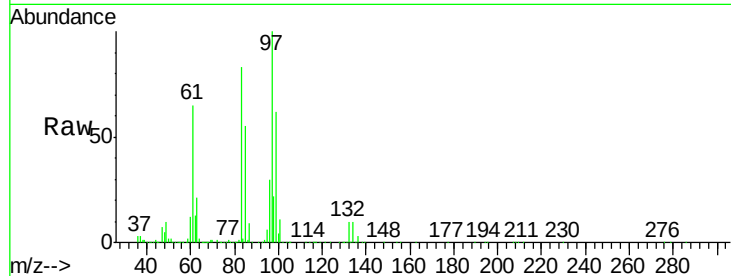
#55
 1,1,2-Trichloroethane
 Concen: 49.961 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		236854		
83	83.4	68.5	102.7		
85	54.6	44.8	67.2		
99	61.8	48.9	73.3		

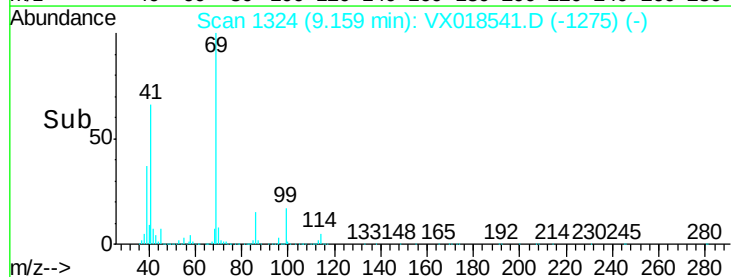
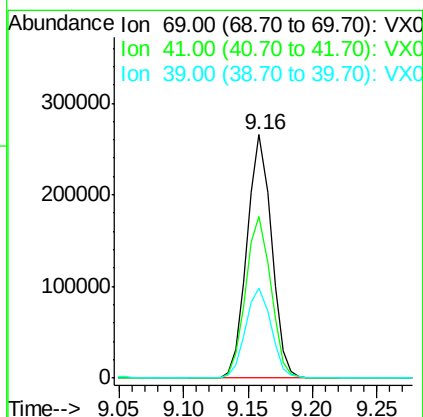
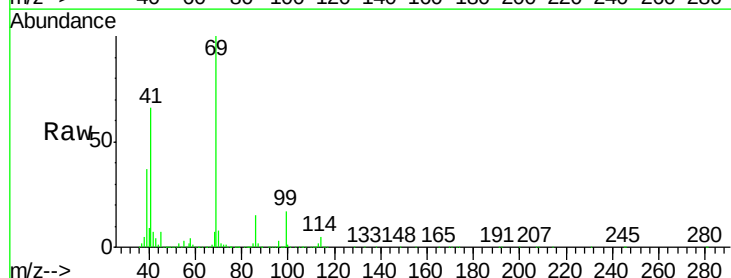
Manual Integrations
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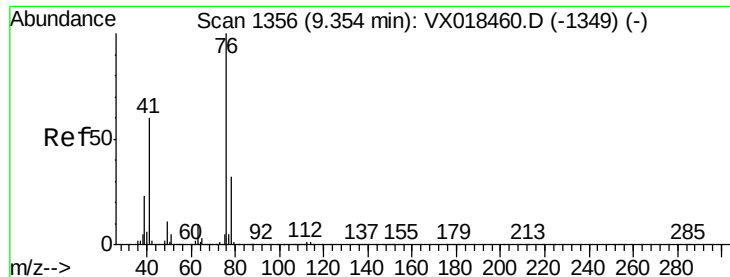
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#56
 Ethyl methacrylate
 Concen: 49.751 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		349723		
41	67.6	54.6	81.8		
39	38.4	29.3	43.9		





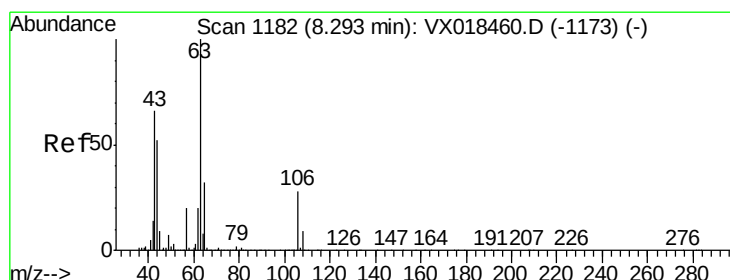
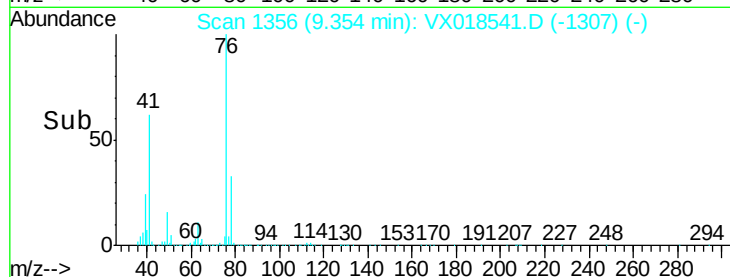
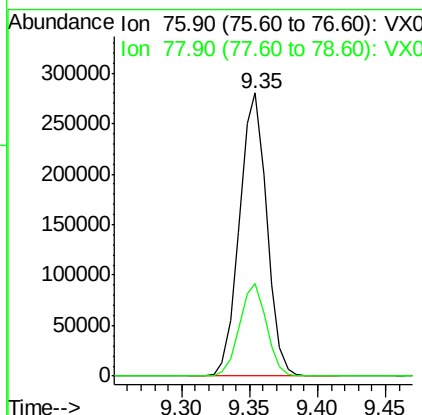
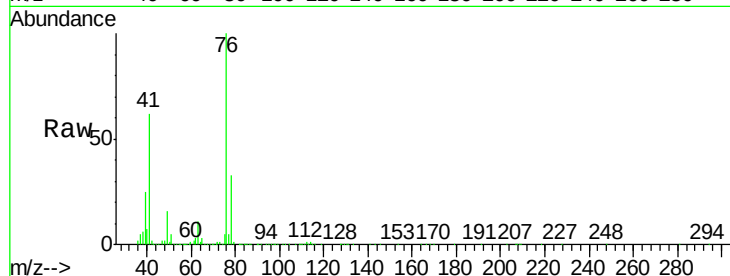
#57
 1,3-Dichloropropane
 Concen: 49.234 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.6	38.4

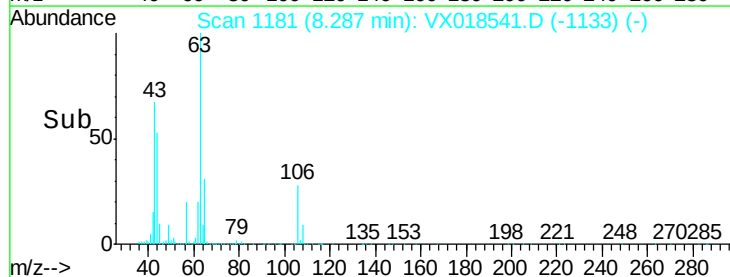
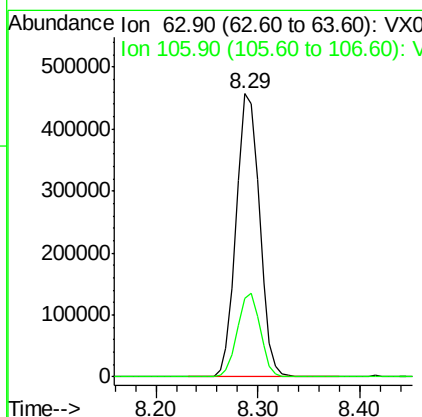
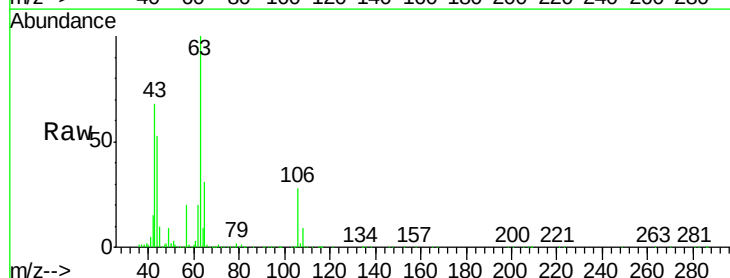
Manual Integrations
 APPROVED

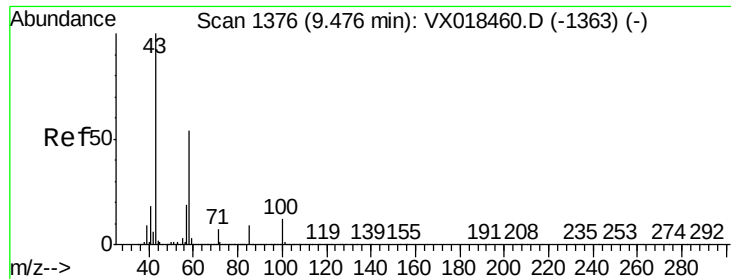
MMDadoda
 9/24/2020 1:39:29 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 192.526 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.0	22.2	33.2





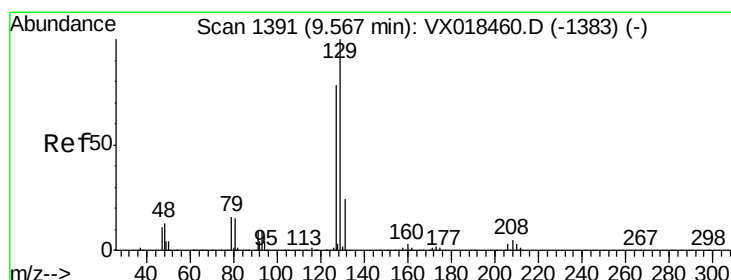
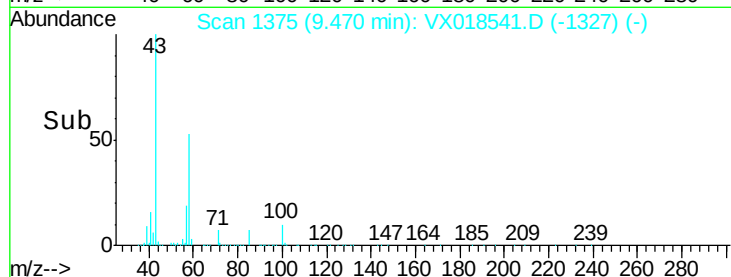
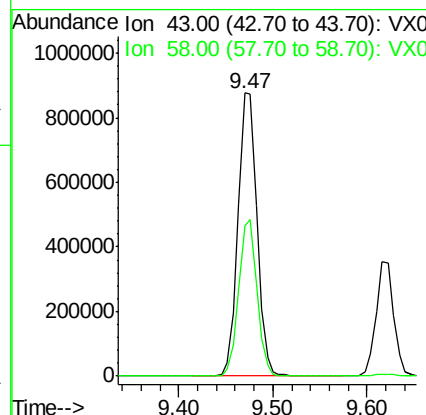
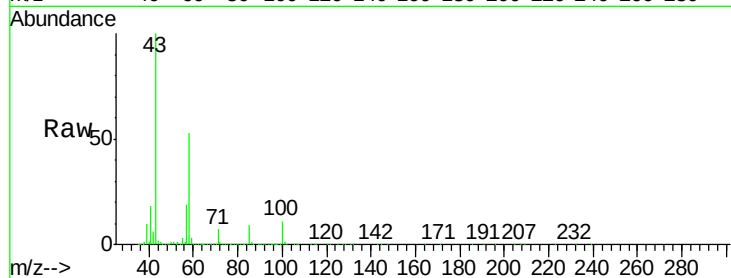
#59
2-Hexanone
Concen: 241.675 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1228703
Ion Ratio Lower Upper
43 100
58 53.4 26.5 79.4

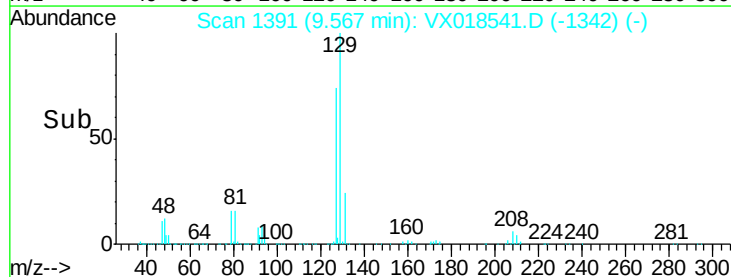
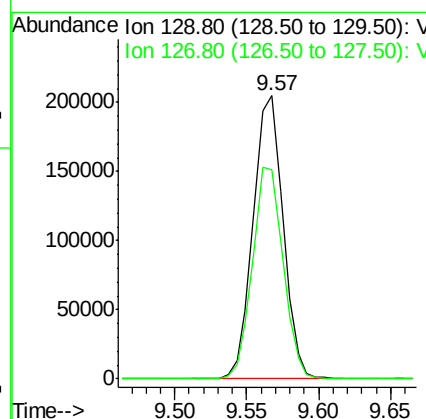
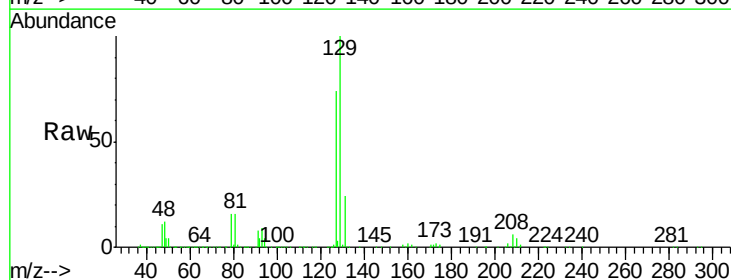
Manual Integrations
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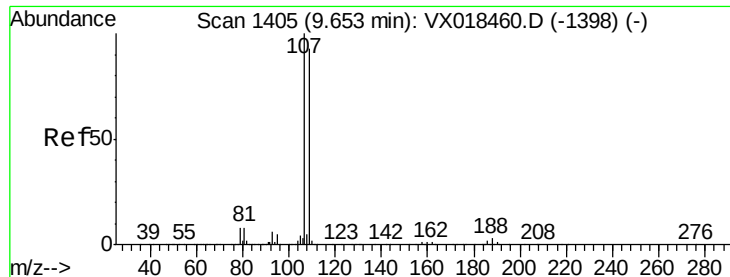
MMDadoda
9/24/2020 1:39:29 PM



#60
Dibromochloromethane
Concen: 52.039 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 129 Resp: 294172
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.359 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 259061

Ion Ratio Lower Upper

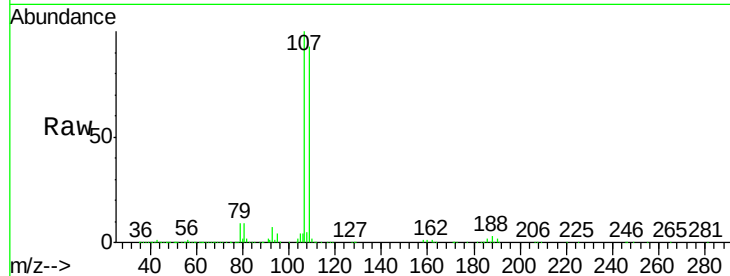
107 100

109 94.0 75.9 113.9

Manual Integrations
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MMDadoda

9/24/2020 1:39:29 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

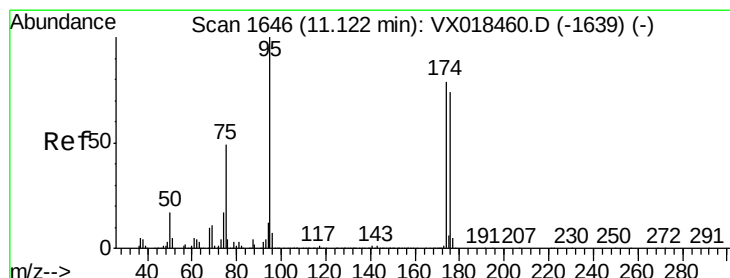
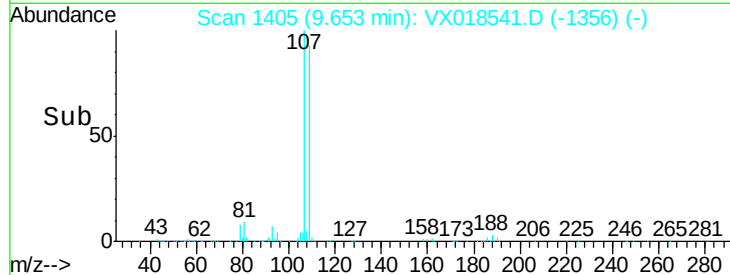
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.638 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

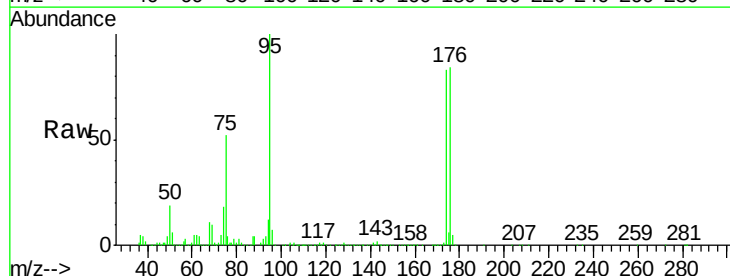
Tgt Ion: 95 Resp: 317187

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.4

176 79.6 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

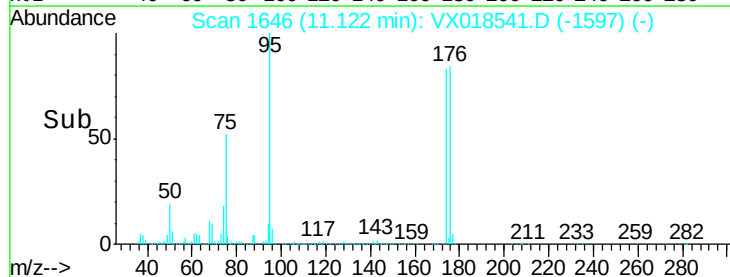
300000

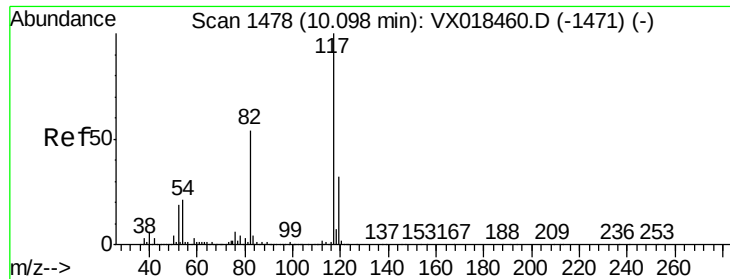
200000

100000

0

Time-->





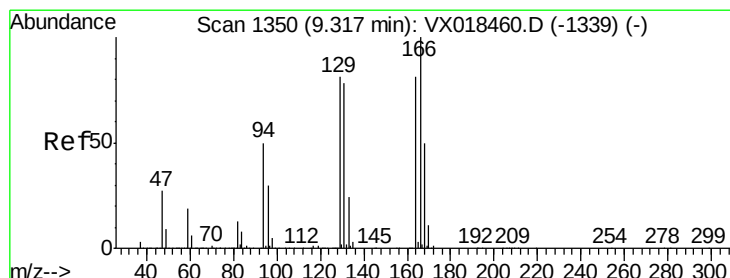
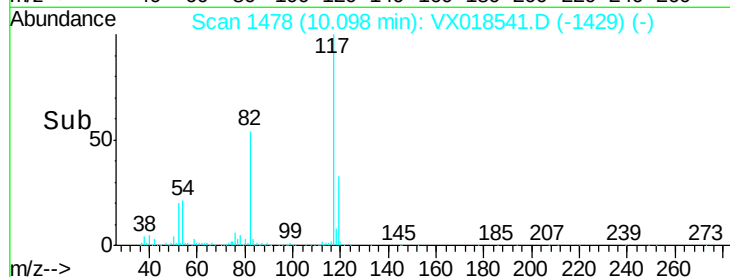
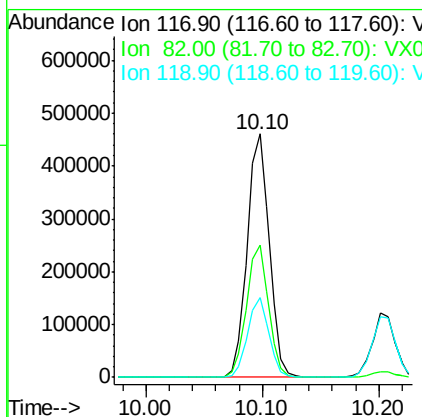
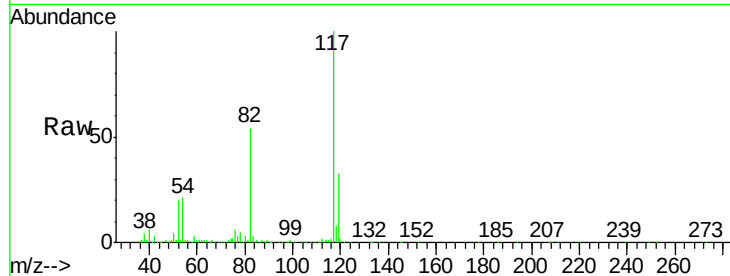
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	613081		
82	54.5	43.3	64.9	
119	32.6	25.9	38.9	

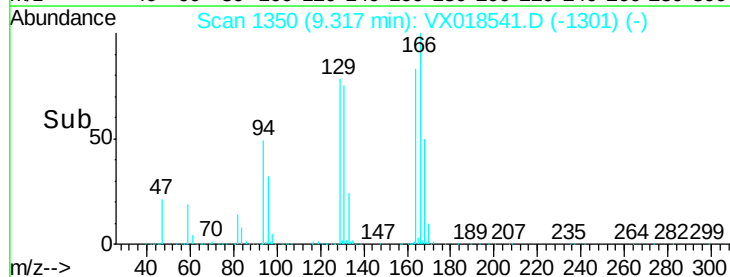
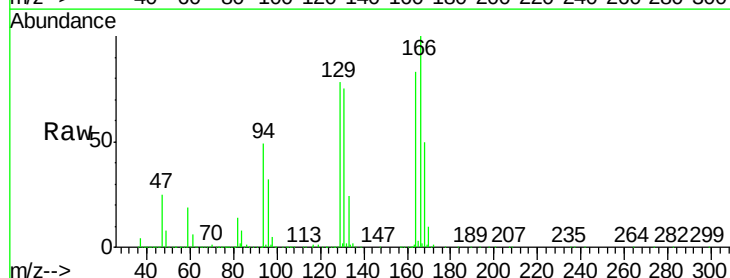
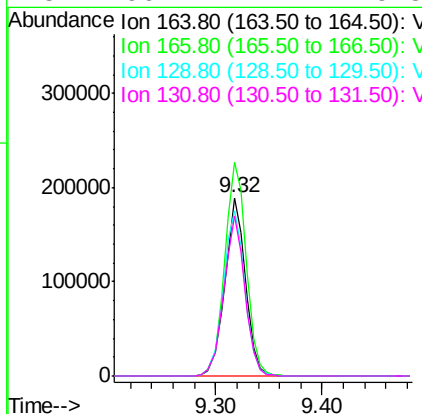
Manual Integrations
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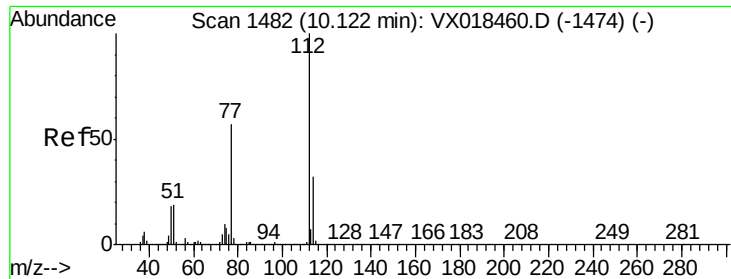
MMDadoda
9/24/2020 1:39:29 PM



#64
Tetrachloroethene
Concen: 52.984 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	255741		
166	119.9	99.3	148.9	
129	93.0	80.7	121.1	
131	90.1	77.2	115.8	





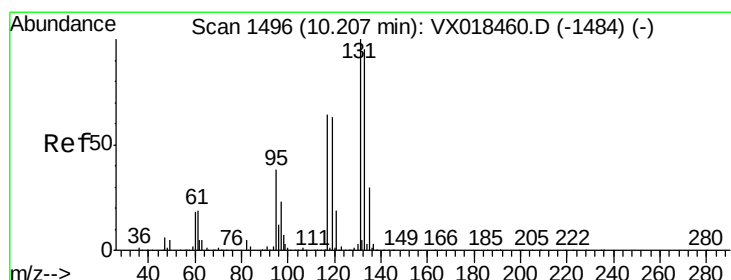
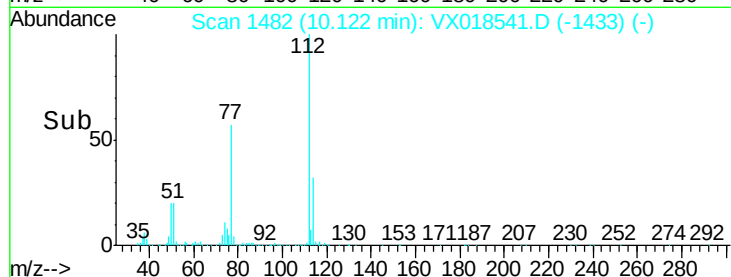
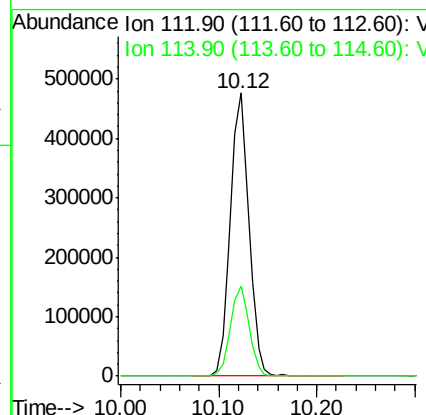
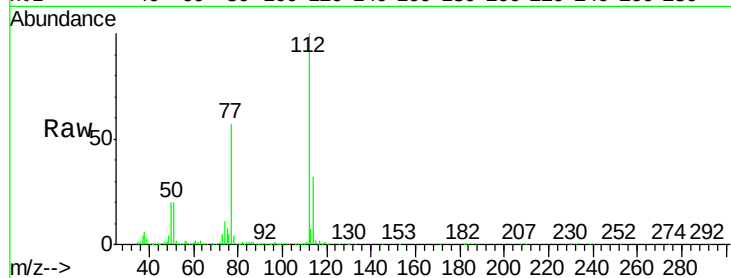
#65
Chlorobenzene
Concen: 50.180 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.4	38.0

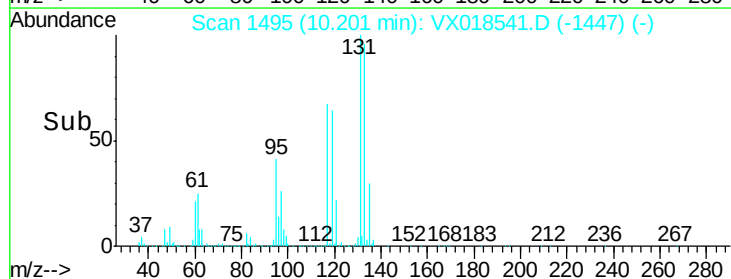
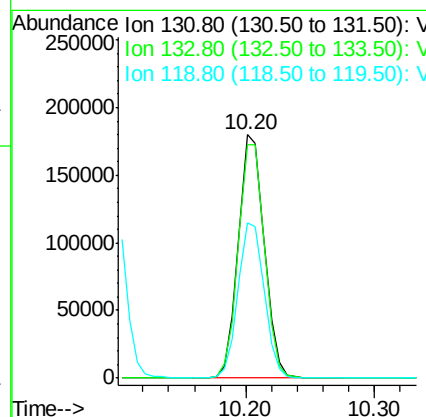
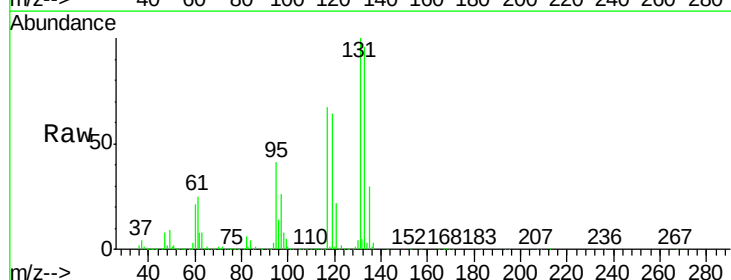
Manual Integrations
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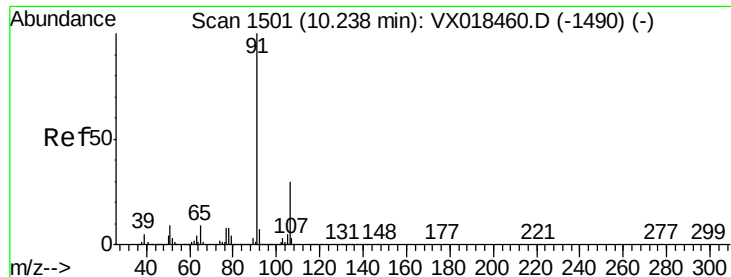
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 50.099 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	47.8	143.4
119	64.8	31.9	95.7





#67

Ethyl Benzene

Concen: 51.788 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1131626

Ion Ratio Lower Upper

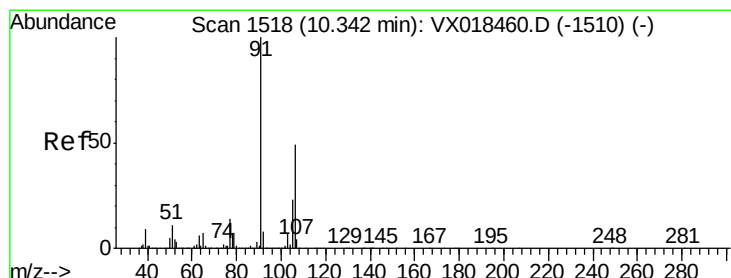
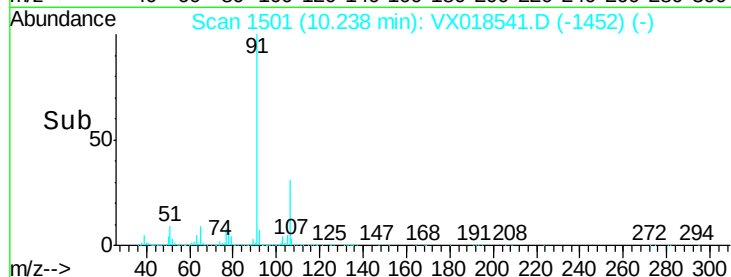
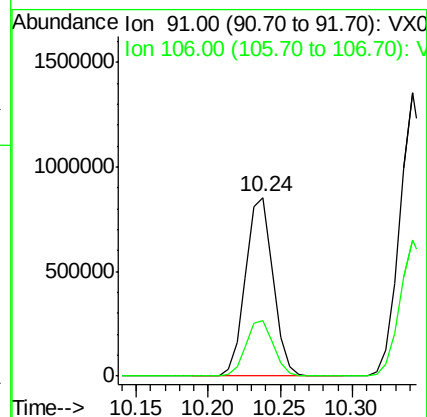
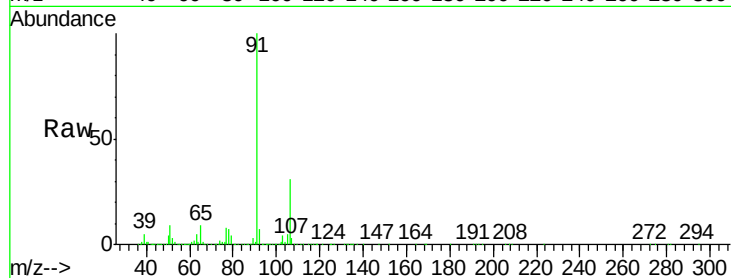
91 100

106 30.9 24.1 36.1

Manual Integrations
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#68

m/p-Xylenes

Concen: 105.360 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018541.D

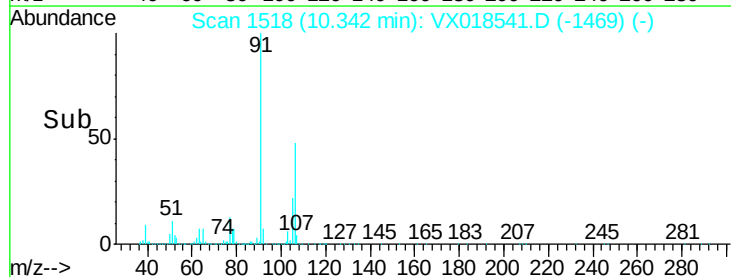
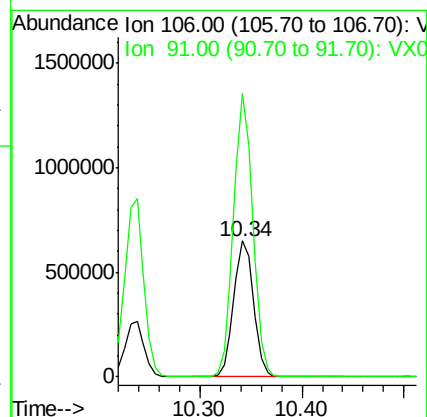
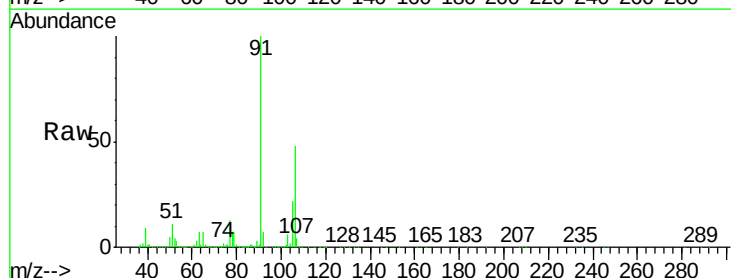
Acq: 23 Sep 2020 17:27

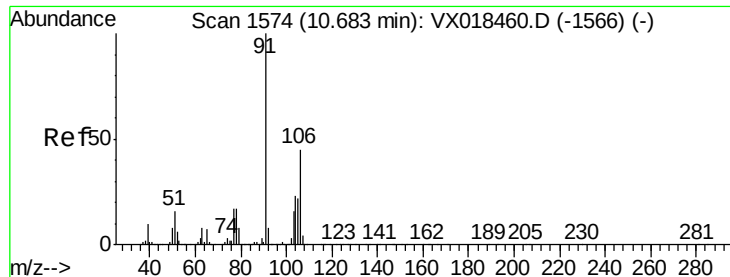
Tgt Ion: 106 Resp: 870890

Ion Ratio Lower Upper

106 100

91 202.7 163.8 245.6





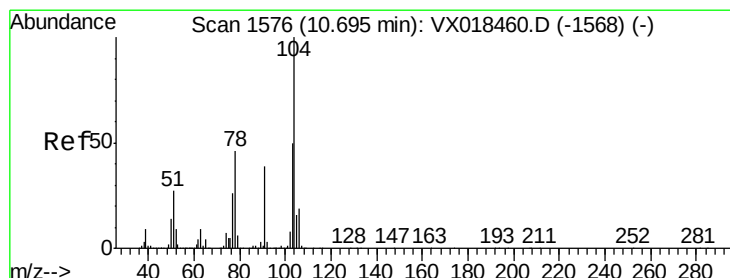
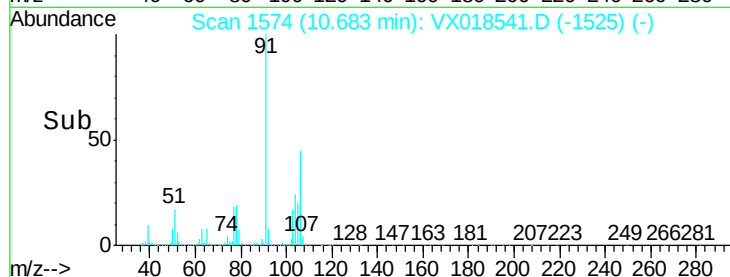
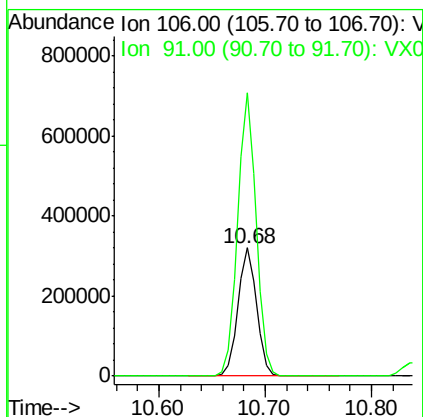
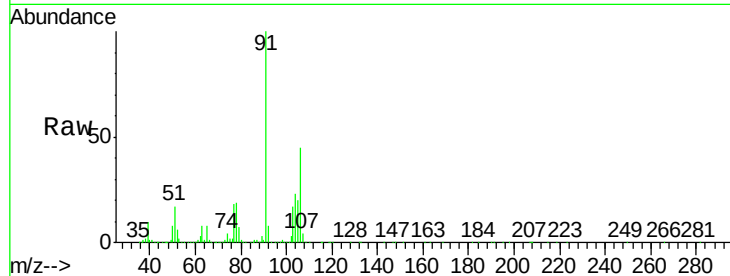
#69
o-Xylene
Concen: 50.438 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.4	109.7	329.0

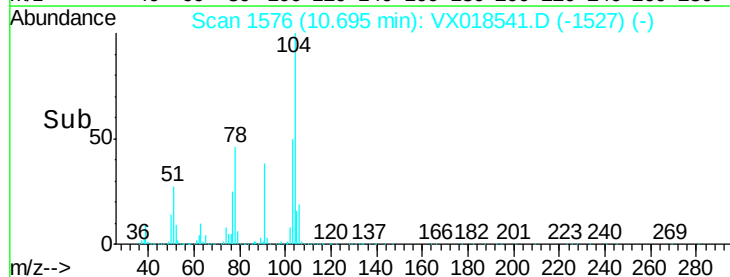
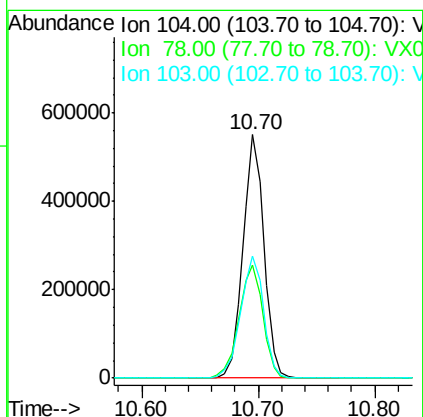
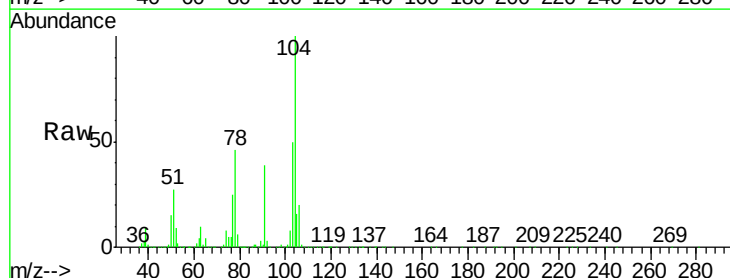
Manual Integrations
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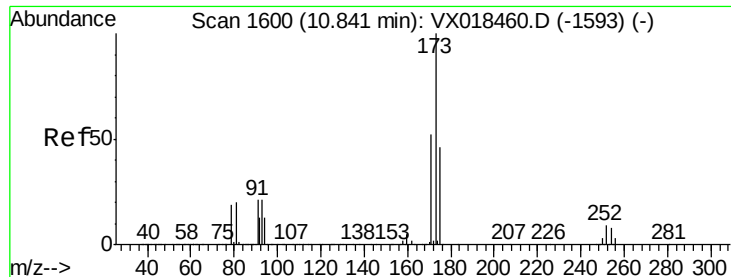
MMDadoda
9/24/2020 1:39:29 PM



#70
Styrene
Concen: 51.370 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.2	40.5	60.7
103	55.3	43.2	64.8





#71

Bromoform

Concen: 50.270 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

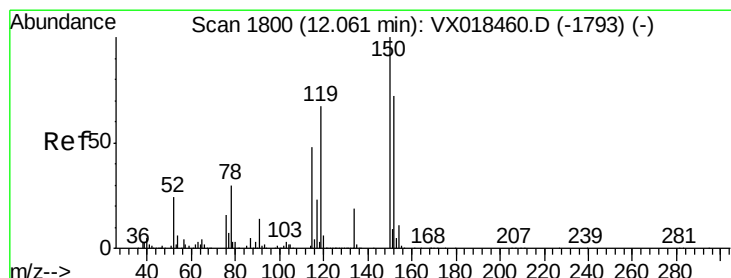
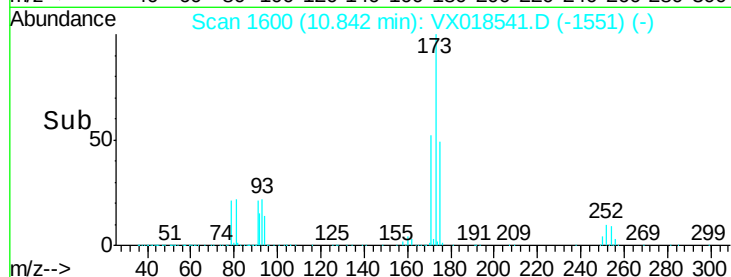
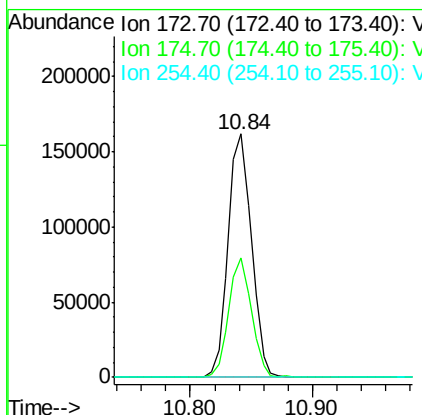
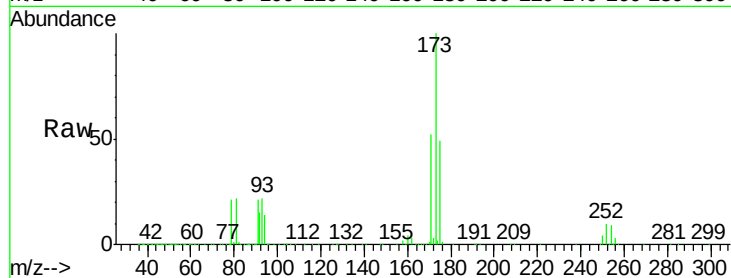
ClientSampleId :

VSTDCCC050

Tot Ion:	173	Resp:	213754
Ion Ratio	Lower	Upper	
173	100		
175	47.7	23.6	70.8
254	0.2	0.1	0.1#

Manual Integrations
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9/24/2020 1:39:29 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

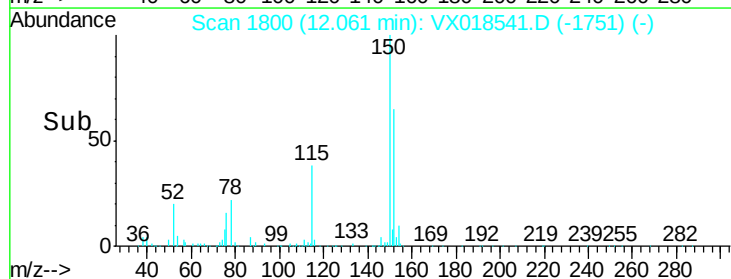
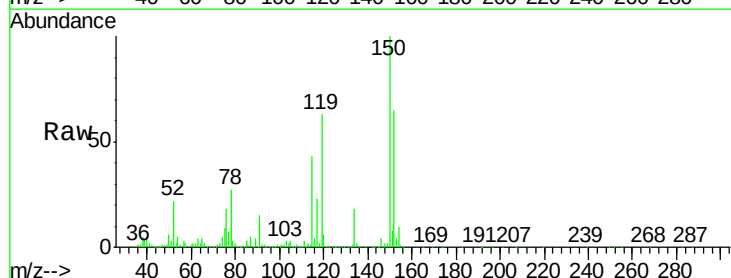
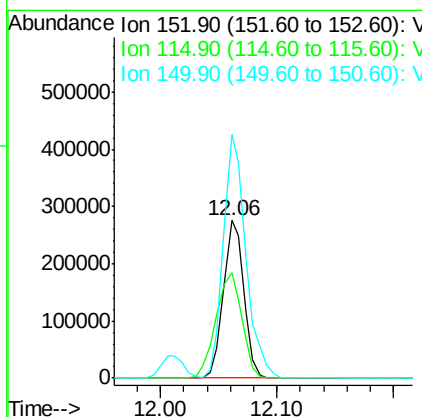
RT: 12.06 min Scan# 1800

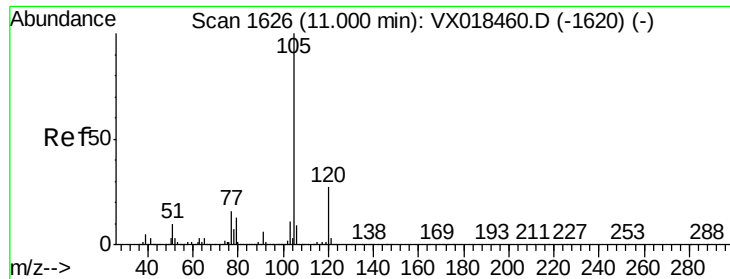
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	152	Resp:	332873
Ion Ratio	Lower	Upper	
152	100		
115	84.5	41.8	125.4
150	171.1	0.0	342.4





#73

Isopropylbenzene

Concen: 50.204 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1116388

Ion Ratio Lower Upper

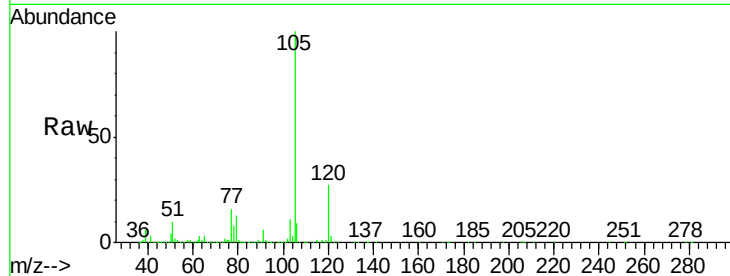
105 100

120 27.1 13.4 40.2

Manual Integrations
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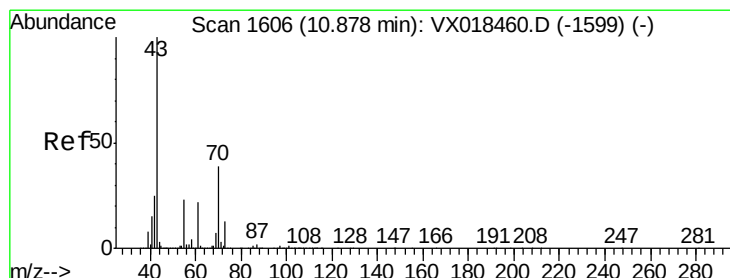
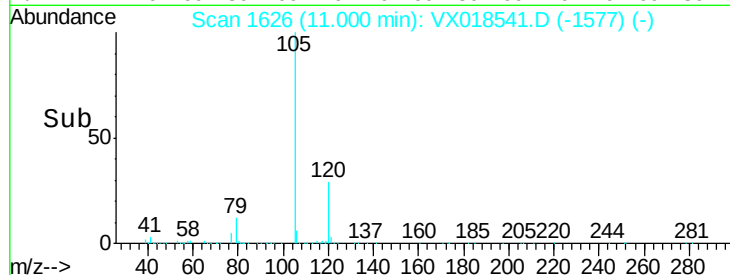
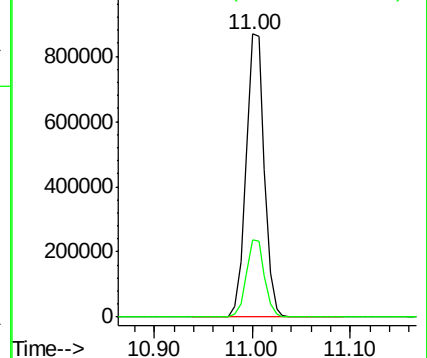
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.560 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion: 43 Resp: 446103

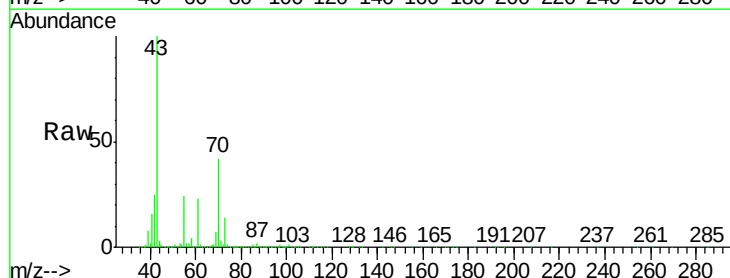
Ion Ratio Lower Upper

43 100

70 40.9 32.2 48.4

55 24.2 18.8 28.2

61 23.3 19.0 28.4

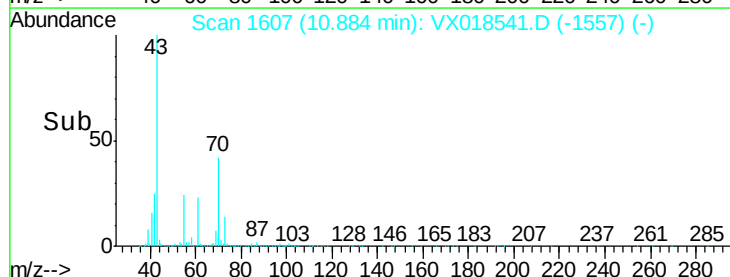
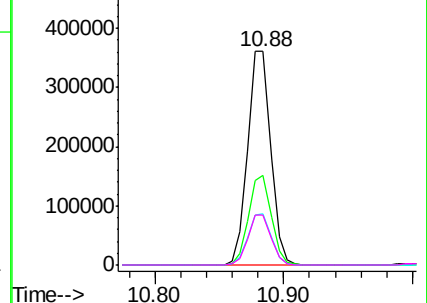


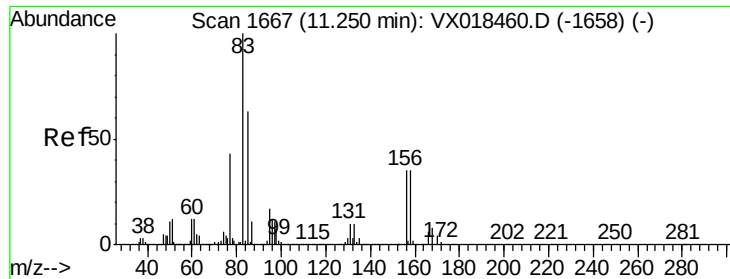
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.809 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

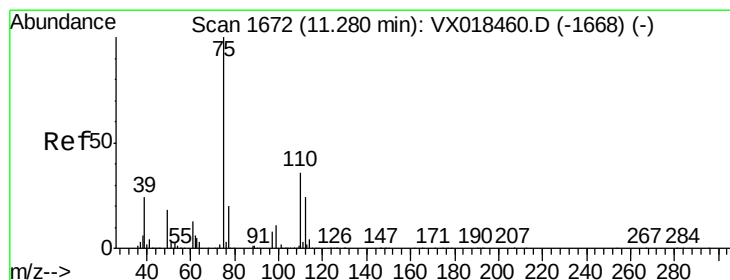
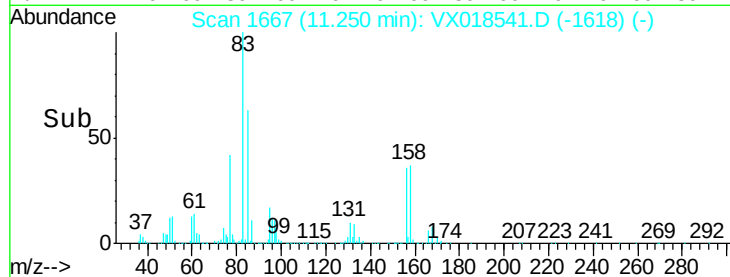
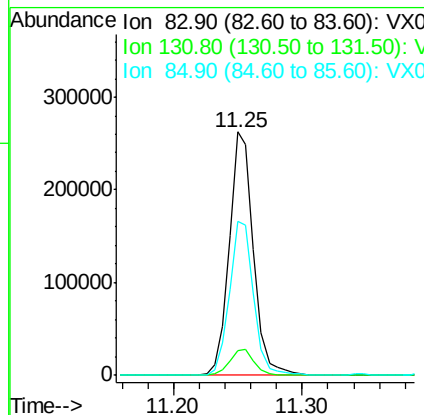
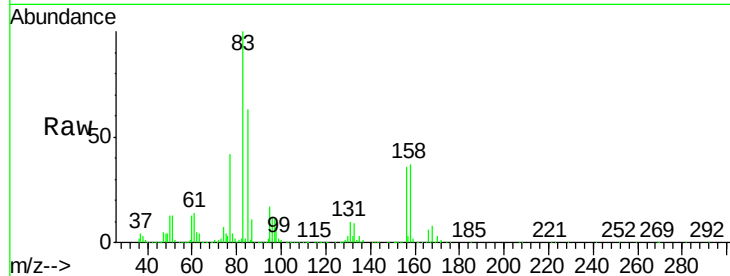
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	344531
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	63.8	31.8	95.4

Manual Integrations
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9/24/2020 1:39:29 PM



#76

1,2,3-Trichloropropane

Concen: 46.013 ug/l m

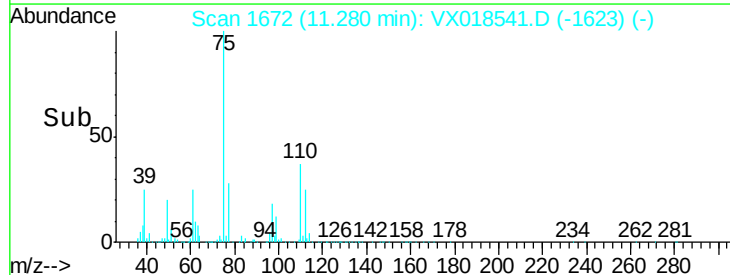
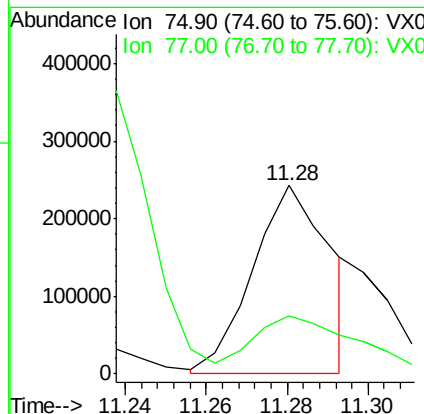
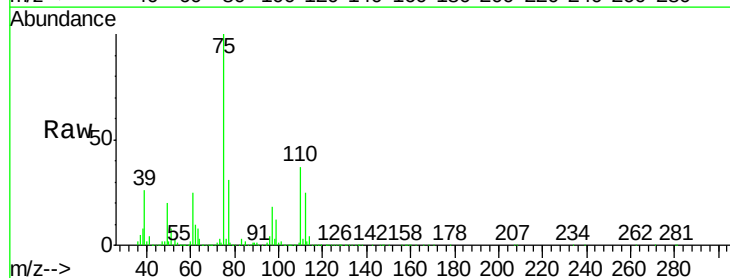
RT: 11.28 min Scan# 1672

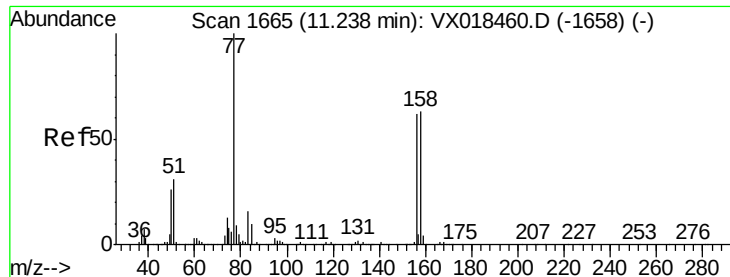
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	75	Resp:	321869
Ion Ratio	Lower	Upper	
75	100		
77	41.6	20.9	62.7





#77

Bromobenzene

Concen: 47.398 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 290819

Ion Ratio Lower Upper

156 100

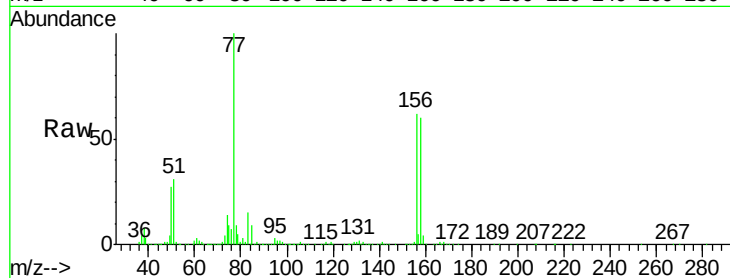
77 154.7 78.8 236.5

158 96.8 48.4 145.3

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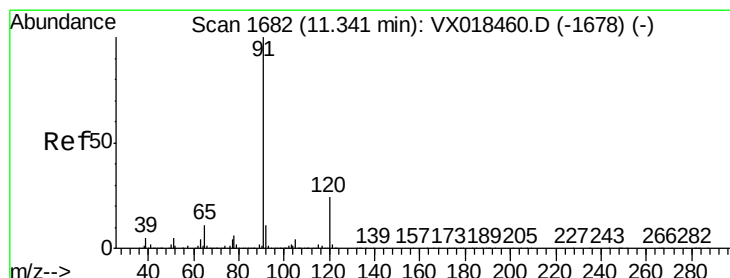
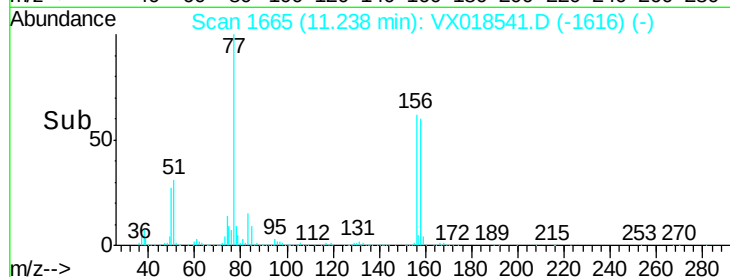
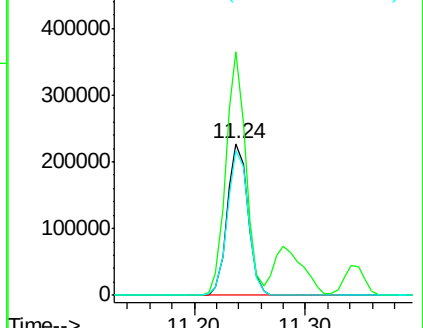
9/24/2020 1:39:29 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.180 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018541.D

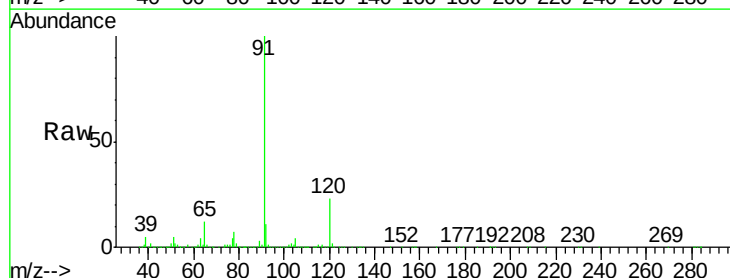
Acq: 23 Sep 2020 17:27

Tgt Ion: 91 Resp: 1280114

Ion Ratio Lower Upper

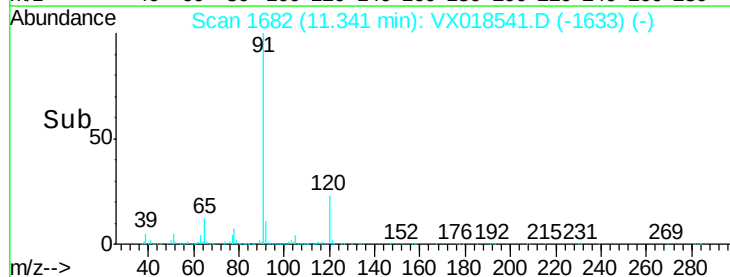
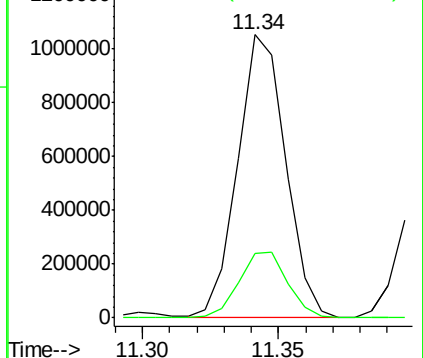
91 100

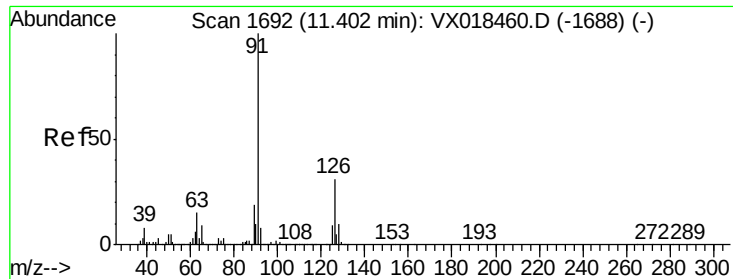
120 23.7 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





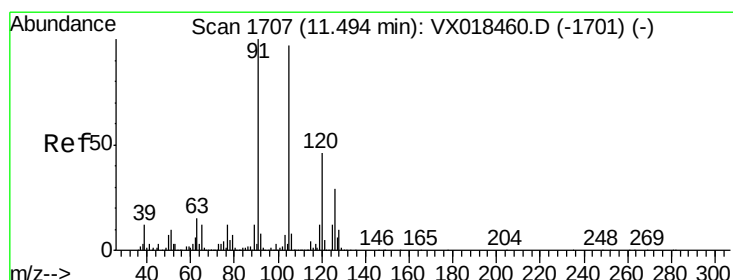
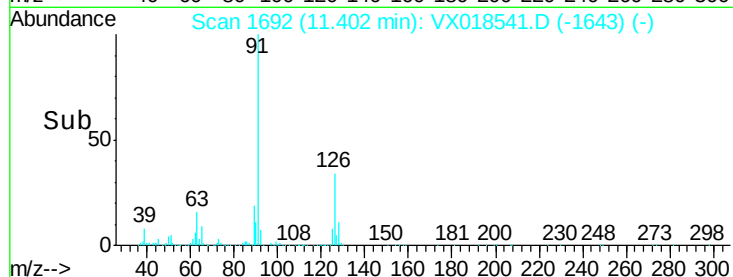
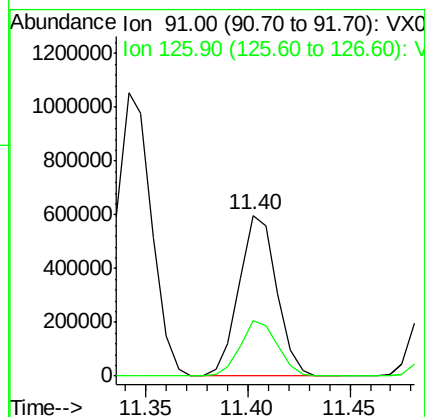
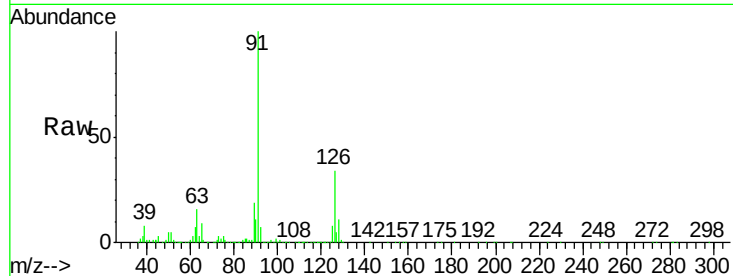
#79
2-Chlorotoluene
Concen: 48.369 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 762085
Ion Ratio Lower Upper
91 100
126 34.2 16.6 49.7

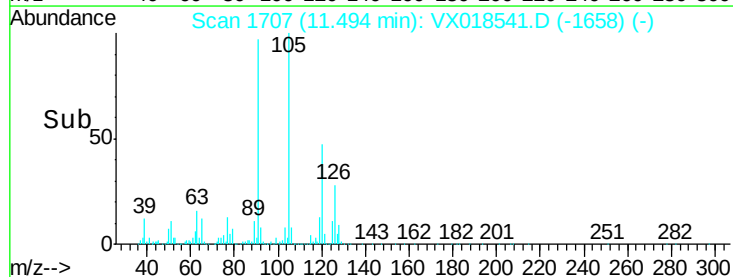
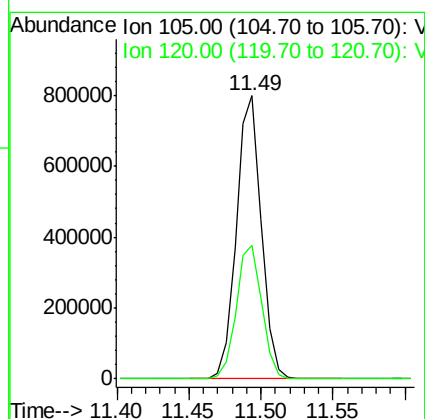
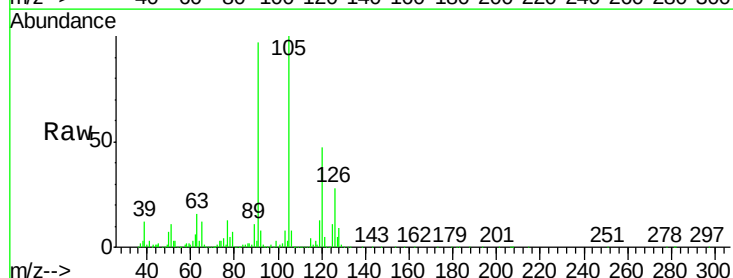
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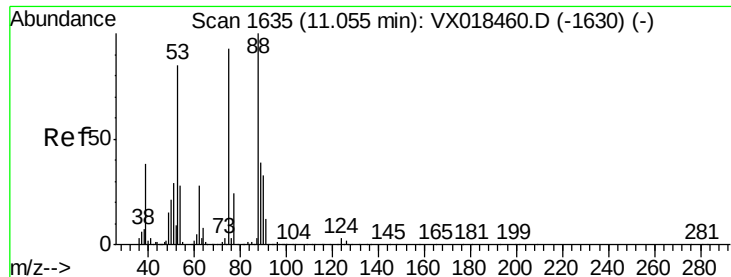
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.622 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion: 105 Resp: 962704
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.607 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Instrument :

MSVOA_X

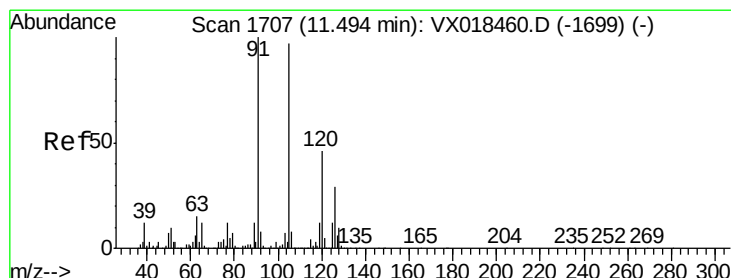
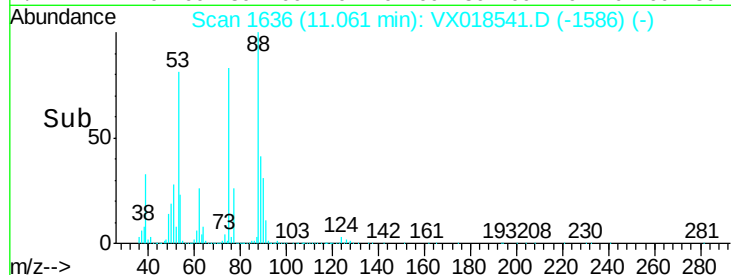
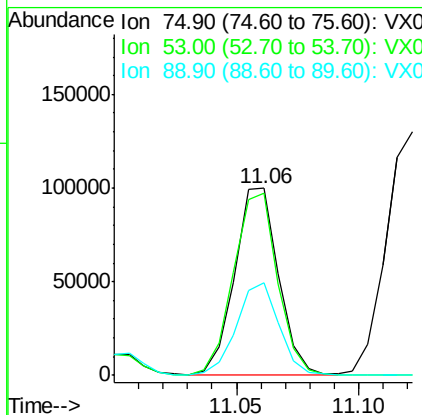
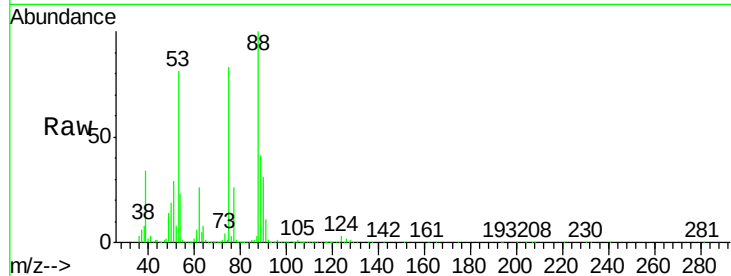
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	124498
Ion	Ratio	Lower	Upper
75	100		
53	97.1	74.6	111.8
89	47.6	36.2	54.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.766 ug/l

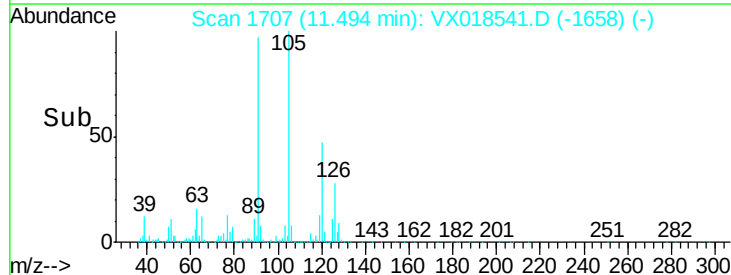
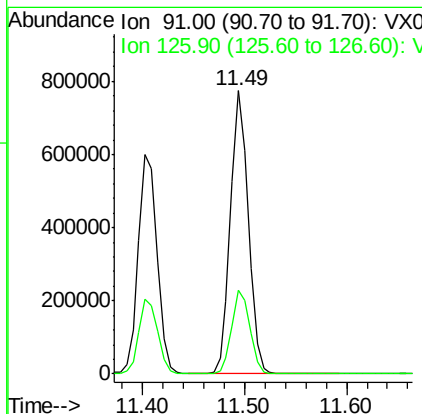
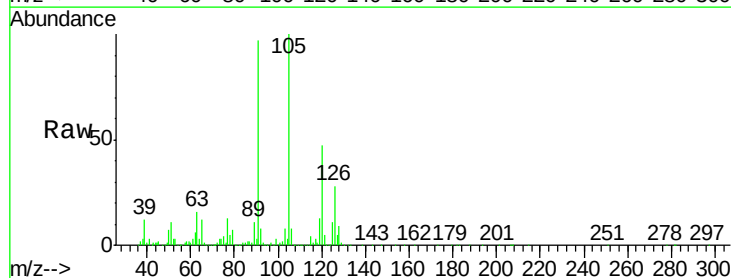
RT: 11.49 min Scan# 1707

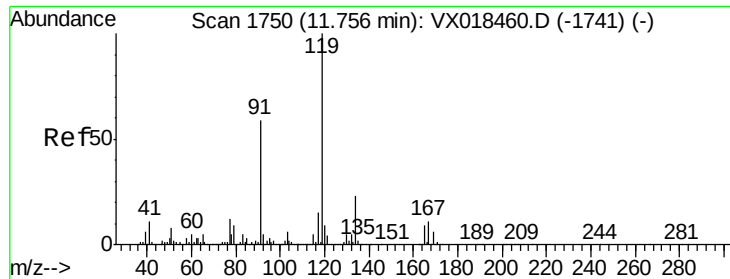
Delta R.T. 0.00 min

Lab File: VX018541.D

Acq: 23 Sep 2020 17:27

Tgt Ion:	91	Resp:	932066
Ion	Ratio	Lower	Upper
91	100		
126	30.0	15.0	45.0





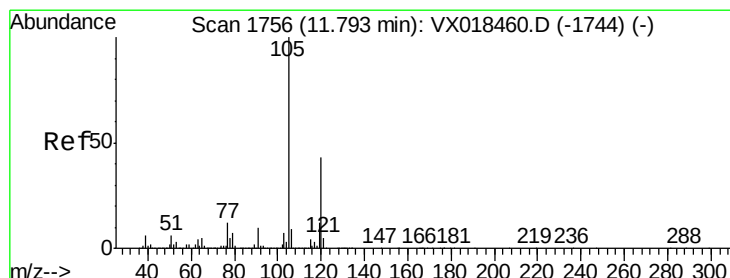
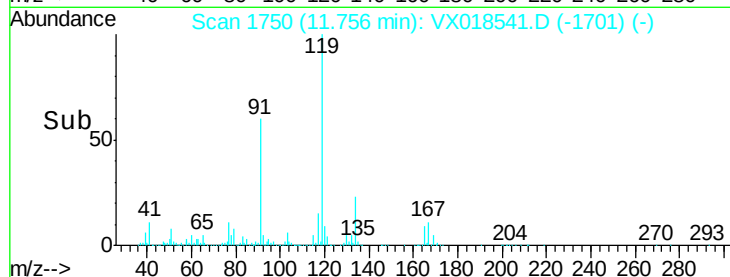
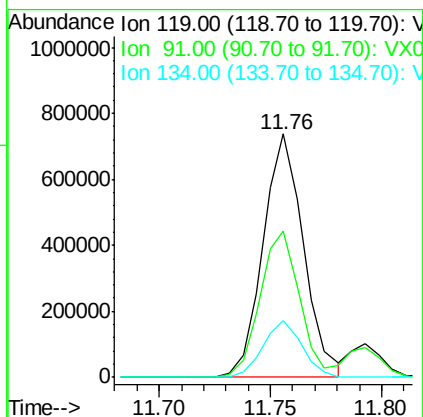
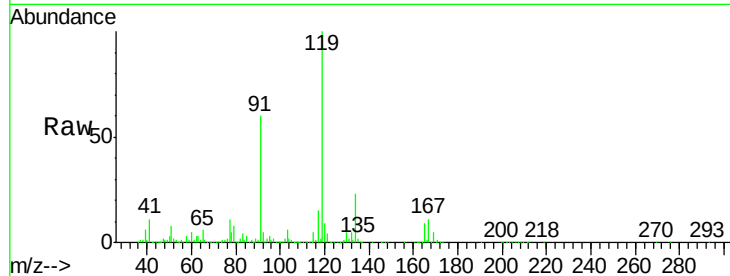
#83
 tert-Butylbenzene
 Concen: 50.520 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	932816		
91	58.3		28.9	86.7
134	22.5		11.3	33.8

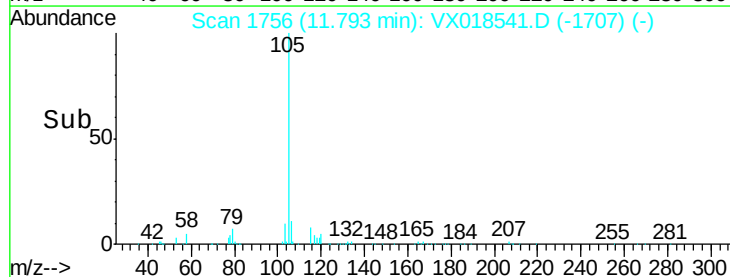
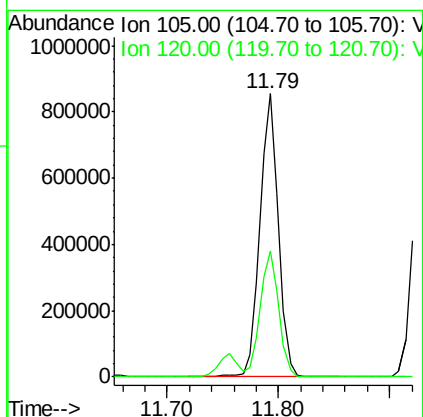
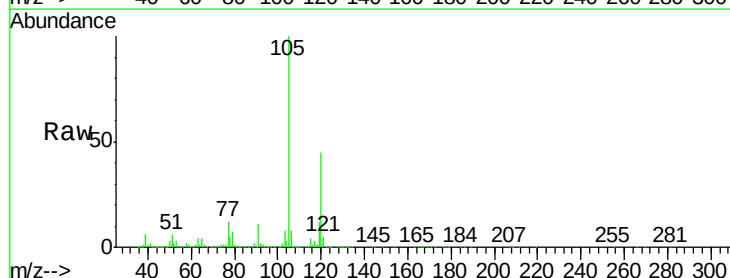
Manual Integrations
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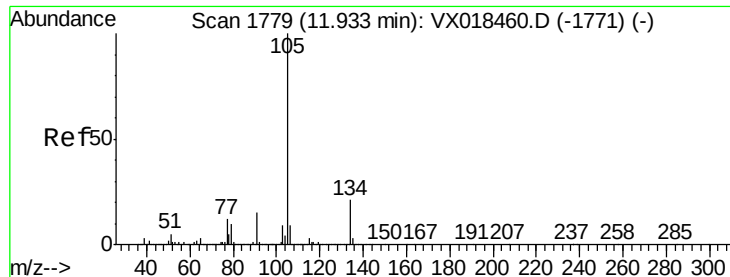
MMDadoda
 9/24/2020 1:39:29 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 51.798 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	992056		
120	44.7		21.6	65.0





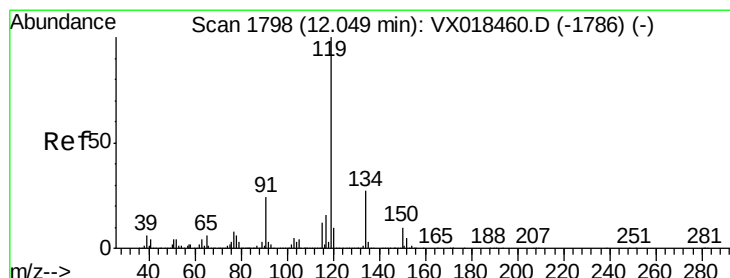
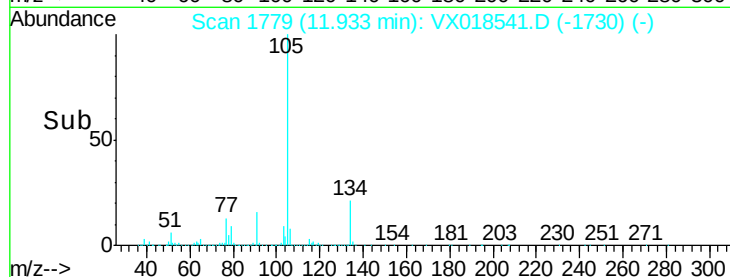
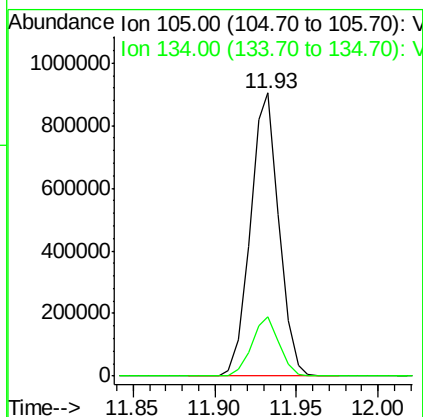
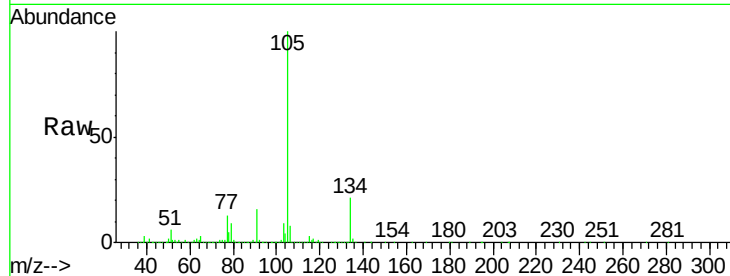
#85
 sec-Butylbenzene
 Concen: 50.379 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion:105 Resp: 1097596
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

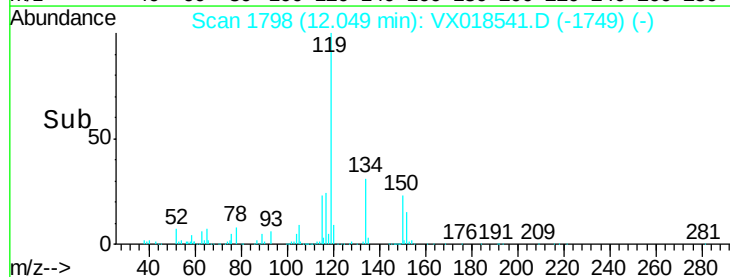
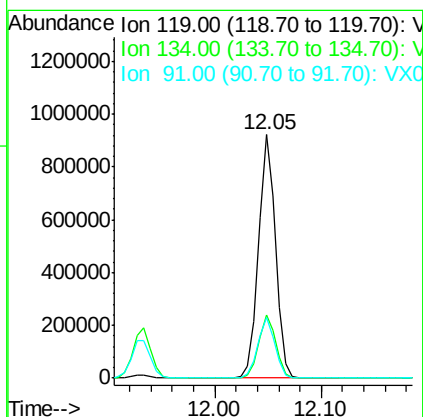
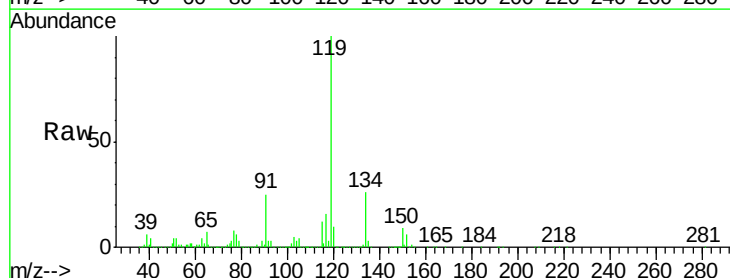
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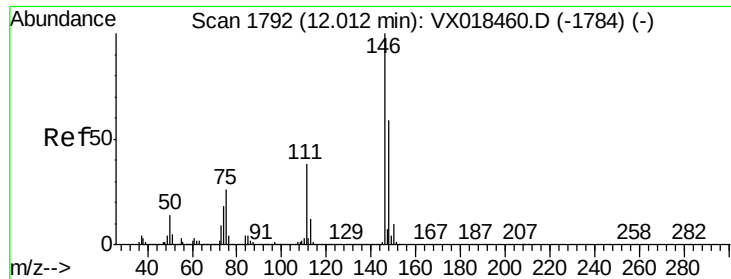
MMDadoda
 9/24/2020 1:39:29 PM



#86
 p-Isopropyltoluene
 Concen: 51.781 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion:119 Resp: 1036805
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 25.0 11.9 35.9





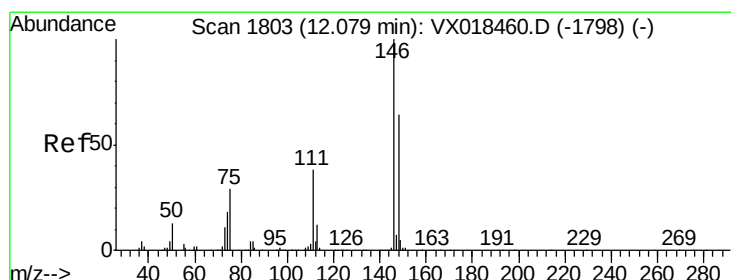
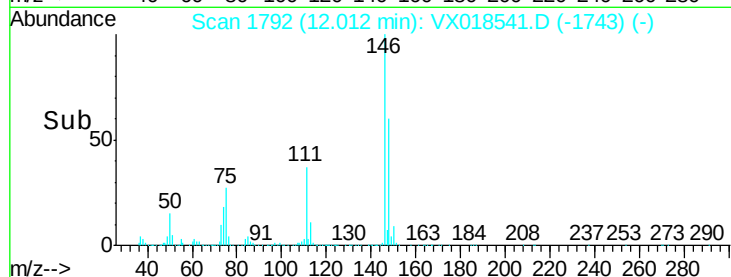
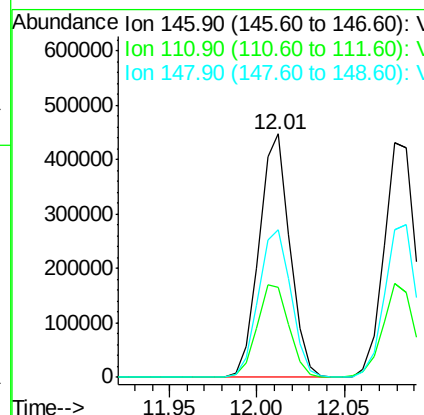
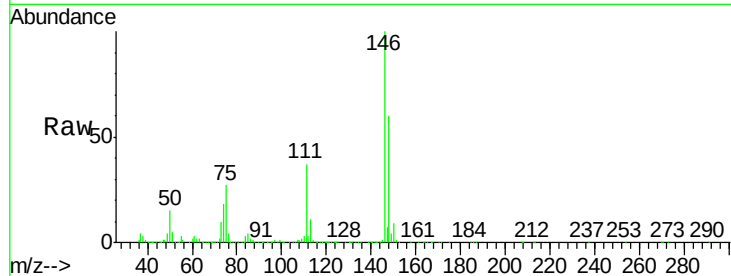
#87
 1,3-Dichlorobenzene
 Concen: 49.499 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.4	61.2
148	64.0	31.1	93.2

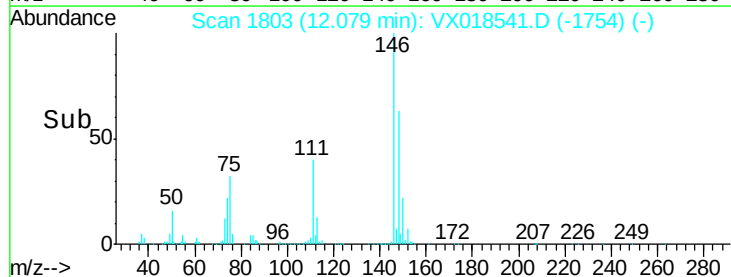
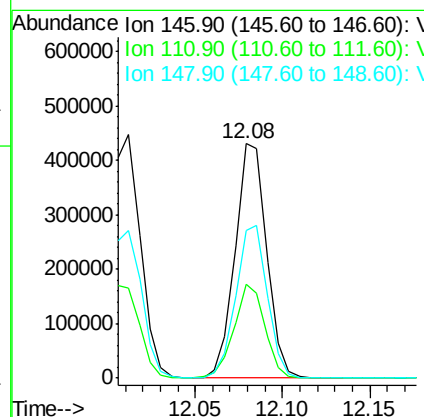
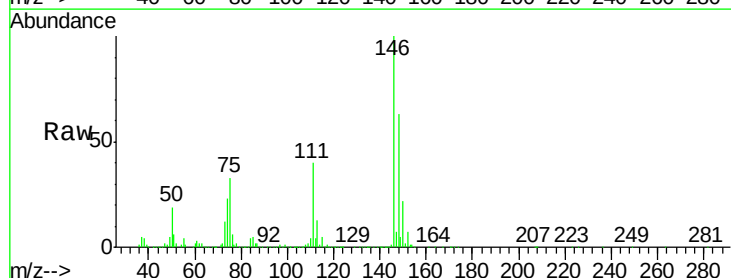
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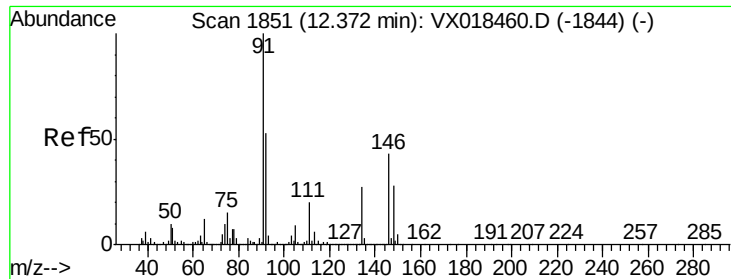
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 48.260 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.4	58.4
148	65.3	31.8	95.4





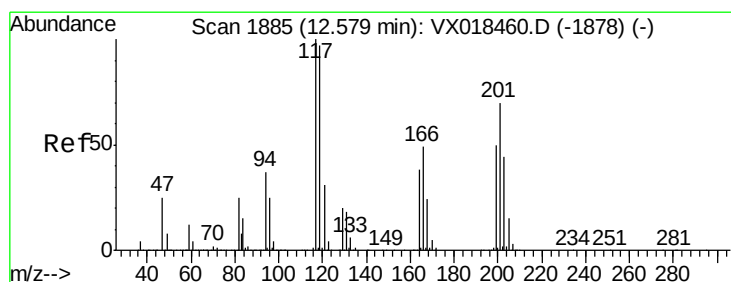
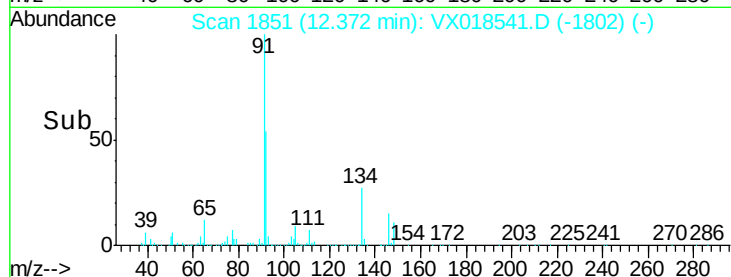
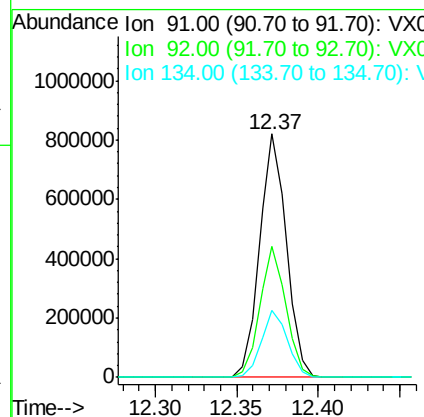
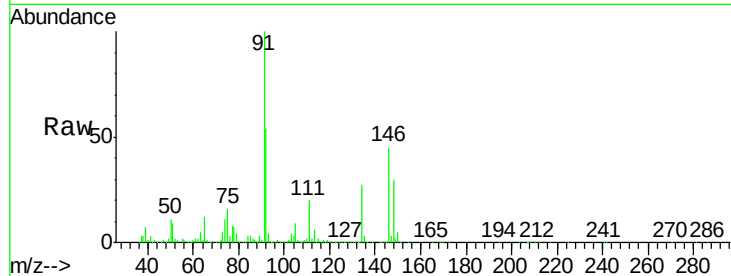
#89
n-Butylbenzene
Concen: 50.427 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.1	78.2
134	26.8	13.3	39.8

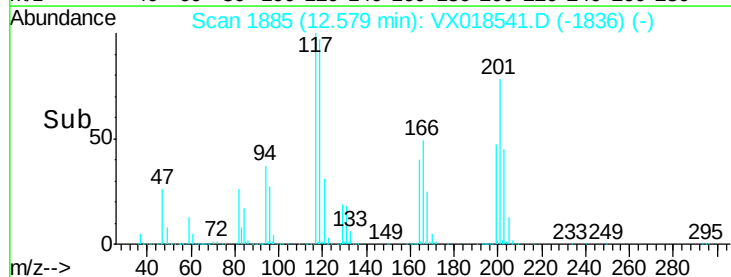
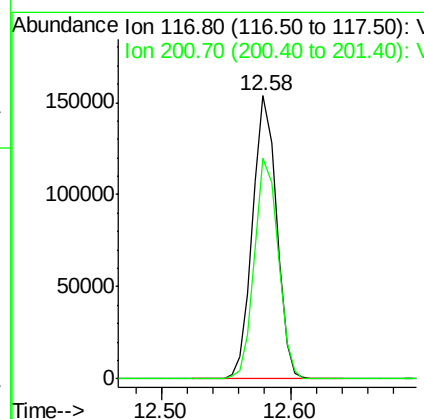
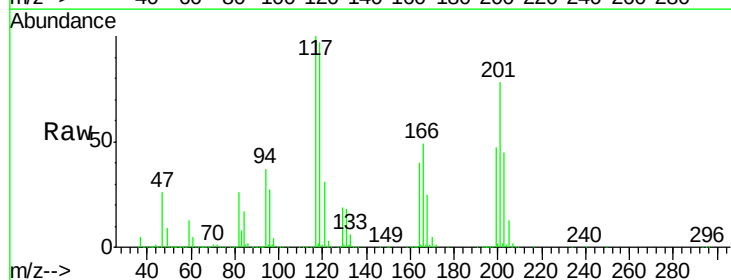
Manual Integrations
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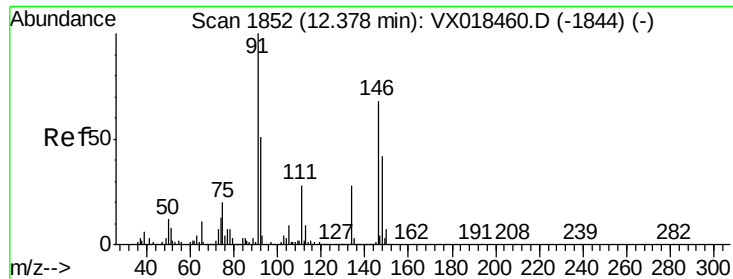
MMDadoda
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#90
Hexachloroethane
Concen: 49.251 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	36.2	108.6





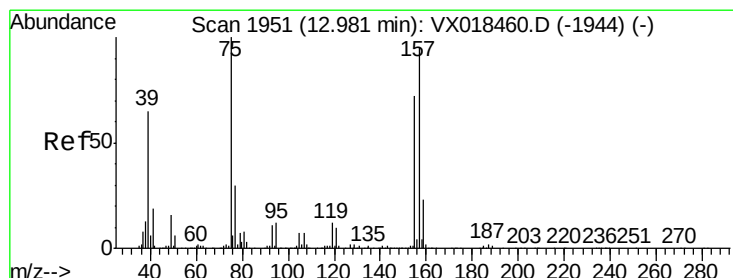
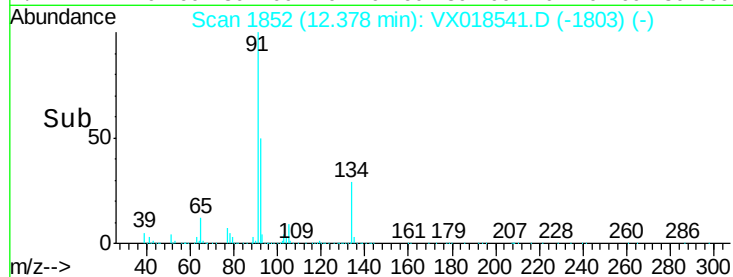
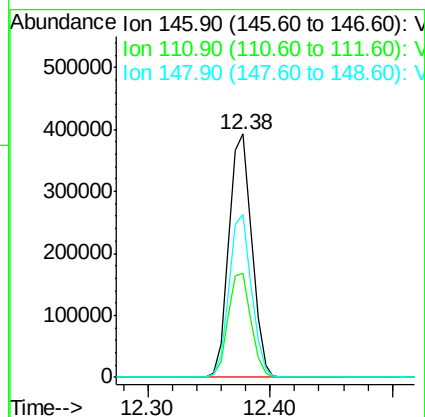
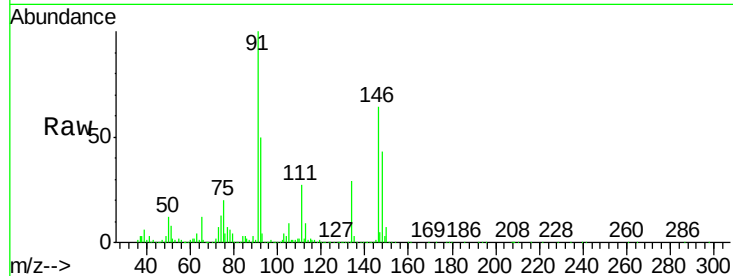
#91
 1,2-Dichlorobenzene
 Concen: 49.101 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.5	64.5
148	65.2	32.1	96.5

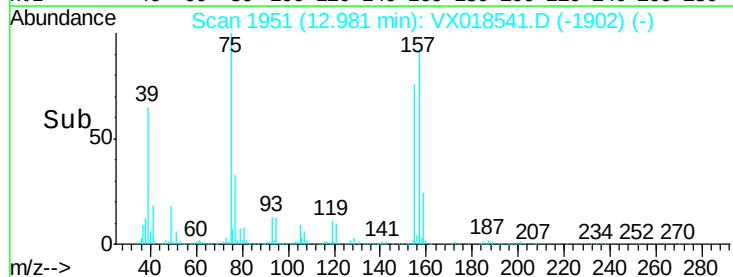
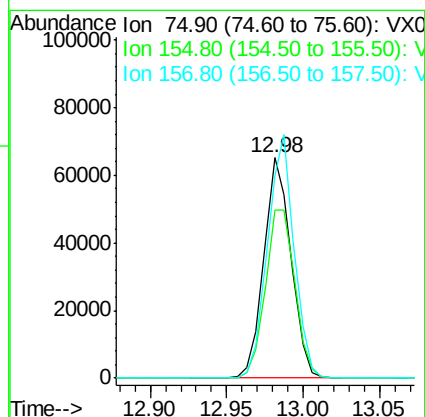
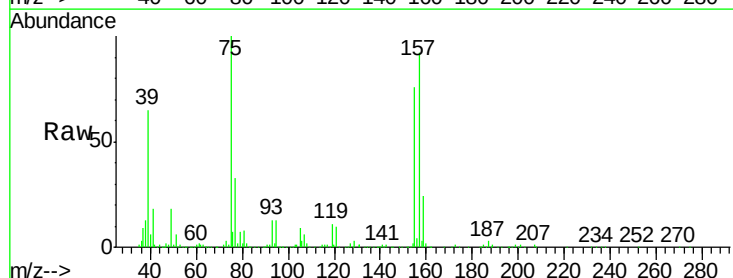
Manual Integrations
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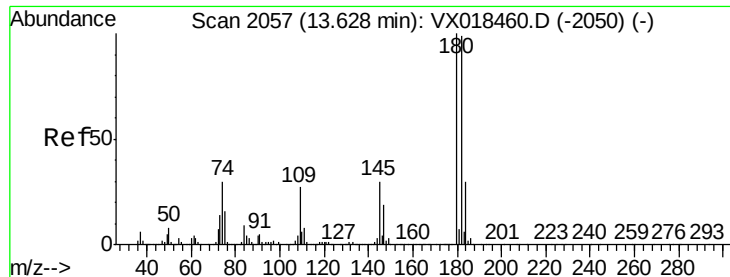
MMDadoda
 9/24/2020 1:39:29 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.523 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.1	38.8	116.4
157	107.8	51.1	153.3





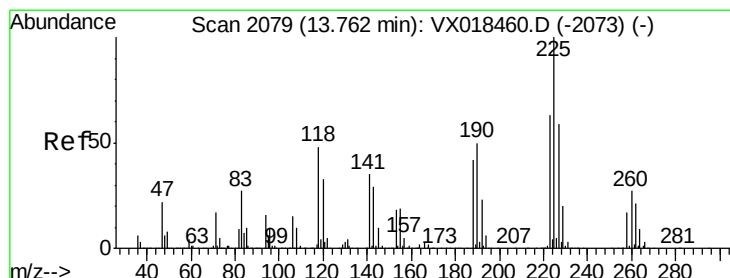
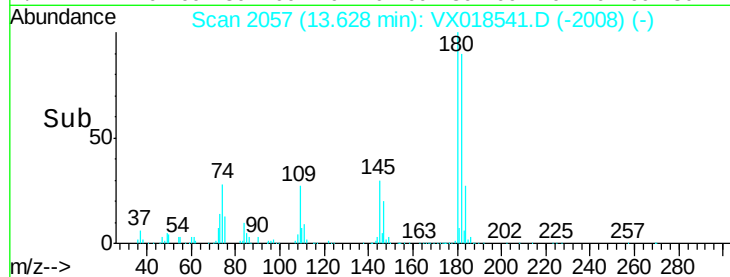
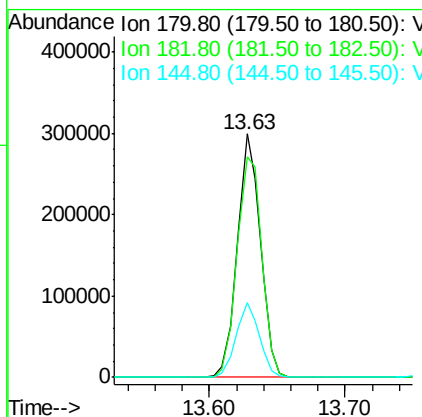
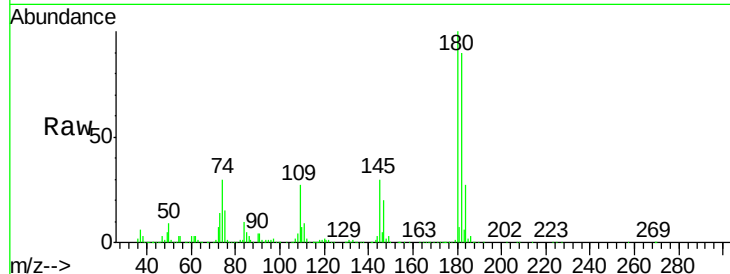
#93
 1,2,4-Trichlorobenzene
 Concen: 49.186 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	353461		
182	97.3	50.2	150.6	
145	30.9	15.7	47.1	

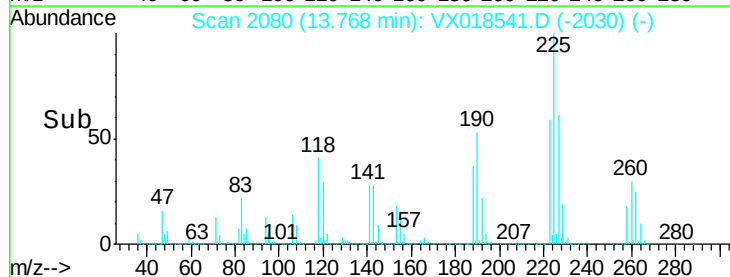
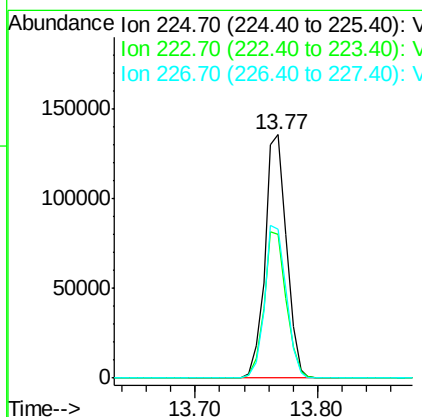
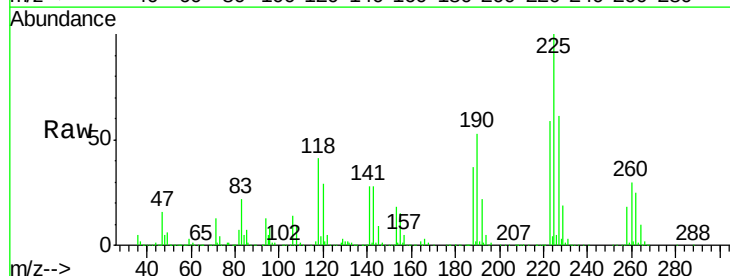
Manual Integrations
 APPROVED

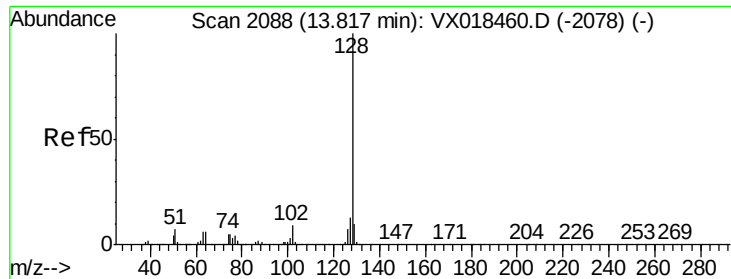
MMDadoda
 9/24/2020 1:39:29 PM



#94
 Hexachlorobutadiene
 Concen: 54.971 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018541.D
 Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	165768		
223	61.8	32.0	96.2	
227	62.9	31.7	95.1	





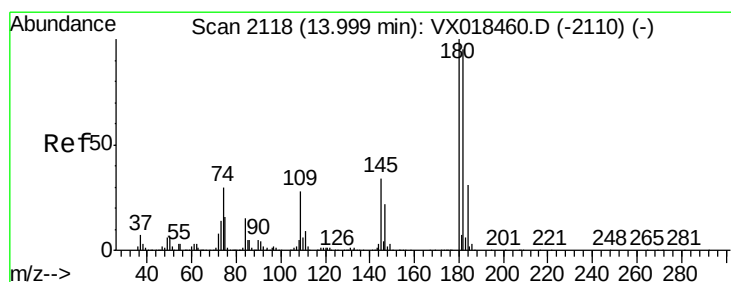
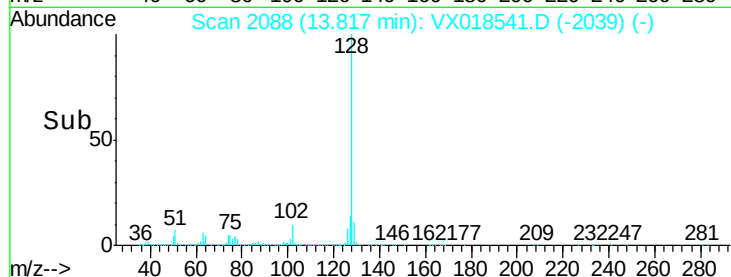
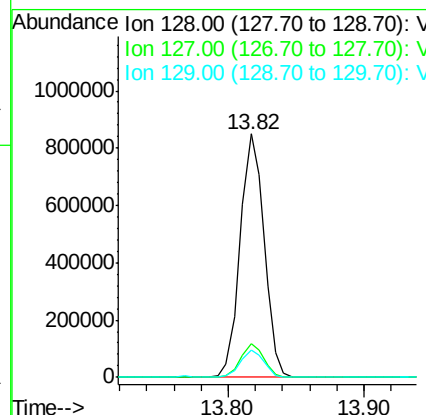
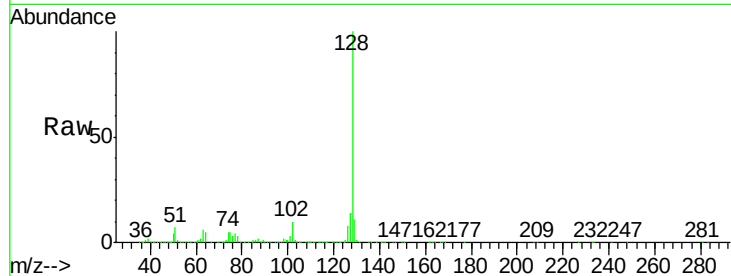
#95
Naphthalene
Concen: 48.102 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:29 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.402 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018541.D
Acq: 23 Sep 2020 17:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.1	141.3
145	32.8	16.8	50.4

