

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018348.D
 Acq On : 10 Sep 2020 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:50 AM

Quant Time: Sep 11 07:42:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	435449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	696352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	674254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	356311	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	311693	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
35) Dibromofluoromethane	5.46	113	239783	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
50) Toluene-d8	8.70	98	830506	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
62) 4-Bromofluorobenzene	11.12	95	349481	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	236253	44.562	ug/l	99
3) Chloromethane	1.31	50	225942	40.423	ug/l	98
4) Vinyl Chloride	1.39	62	243531	43.769	ug/l	98
5) Bromomethane	1.63	94	152165	56.699	ug/l	98
6) Chloroethane	1.71	64	146209	48.925	ug/l	100
7) Trichlorofluoromethane	1.92	101	404530	53.319	ug/l	98
8) Diethyl Ether	2.17	74	127440	49.530	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203771	49.679	ug/l	98
10) Methyl Iodide	2.50	142	198228	45.681	ug/l	95
11) Tert butyl alcohol	3.01	59	269424	229.220	ug/l	99
12) 1,1-Dichloroethene	2.36	96	197315	46.368	ug/l	95
13) Acrolein	2.28	56	164140	336.788	ug/l	98
14) Allyl chloride	2.71	41	372304	48.696	ug/l	97
15) Acrylonitrile	3.12	53	637831	239.224	ug/l	99
16) Acetone	2.42	43	553900	235.146	ug/l	96
17) Carbon Disulfide	2.55	76	518463	40.303	ug/l	99
18) Methyl Acetate	2.75	43	322652	56.763	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	758186	51.952	ug/l	100
20) Methylene Chloride	2.84	84	229427	47.578	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	219506	46.558	ug/l	94
22) Diisopropyl ether	3.83	45	740324	49.062	ug/l	98
23) Vinyl Acetate	3.79	43	3303669	246.047	ug/l	99
24) 1,1-Dichloroethane	3.67	63	421337	49.051	ug/l	99
25) 2-Butanone	4.64	43	901296	232.817	ug/l	98
26) 2,2-Dichloropropane	4.55	77	364207	52.112	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	252056	46.401	ug/l	99
28) Bromochloromethane	4.98	49	197828	47.713	ug/l	96
29) Tetrahydrofuran	5.09	42	565755	229.573	ug/l	97
30) Chloroform	5.18	83	442153	49.712	ug/l	96
31) Cyclohexane	5.55	56	328698	45.428	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	414046	50.727	ug/l	99
36) 1,1-Dichloropropene	5.78	75	306291	47.688	ug/l	99
37) Ethyl Acetate	4.79	43	351529	47.124	ug/l	99
38) Carbon Tetrachloride	5.76	117	378686	52.318	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	322800	45.962	ug/l	99
40) Benzene	6.11	78	887970	47.051	ug/l	99
41) Methacrylonitrile	5.00	41	193908	47.342	ug/l	97
42) 1,2-Dichloroethane	6.17	62	375236	51.894	ug/l	97
43) Isopropyl Acetate	6.42	43	584791	48.536	ug/l	99
44) Trichloroethene	7.19	130	256912	48.177	ug/l	97
45) 1,2-Dichloropropane	7.49	63	241499	47.478	ug/l	96
46) Dibromomethane	7.63	93	172894	48.336	ug/l	99
47) Bromodichloromethane	7.88	83	363895	50.951	ug/l	97
48) Methyl methacrylate	7.74	41	287125	47.870	ug/l	98
49) 1,4-Dioxane	7.71	88	79557	732.246	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1812862	243.578	ug/l	100
52) Toluene	8.77	92	578116	48.309	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	402821	50.890	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	408709	48.742	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	247816	48.554	ug/l	98
56) Ethyl methacrylate	9.16	69	376882	49.672	ug/l	98
57) 1,3-Dichloropropane	9.35	76	410035	48.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	940176	275.454	ug/l	99
59) 2-Hexanone	9.48	43	1404558	248.187	ug/l	100
60) Dibromochloromethane	9.57	129	307565	51.369	ug/l	98
61) 1,2-Dibromoethane	9.65	107	266039	48.012	ug/l	100
64) Tetrachloroethene	9.32	164	234887	47.406	ug/l	91
65) Chlorobenzene	10.12	112	644360	47.850	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	265111	49.950	ug/l	99
67) Ethyl Benzene	10.24	91	1122108	48.999	ug/l	99
68) m/p-Xylenes	10.34	106	862163	100.866	ug/l	96
69) o-Xylene	10.68	106	403624	48.711	ug/l	96
70) Styrene	10.70	104	720361	51.050	ug/l	97
71) Bromoform	10.84	173	242073	53.472	ug/l #	98
73) Isopropylbenzene	11.01	105	1139076	48.466	ug/l	98
74) N-amyl acetate	10.88	43	528434	47.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	371871	44.853	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	361297m	45.582	ug/l	
77) Bromobenzene	11.24	156	305112	46.965	ug/l	97
78) n-propylbenzene	11.34	91	1297050	48.604	ug/l	99
79) 2-Chlorotoluene	11.40	91	791571	48.011	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	992086	51.368	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	138475	47.185	ug/l	97
82) 4-Chlorotoluene	11.49	91	958535	48.904	ug/l	99
83) tert-Butylbenzene	11.76	119	961107	50.426	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	988849	50.079	ug/l	100
85) sec-Butylbenzene	11.93	105	1110245	51.223	ug/l	100
86) p-Isopropyltoluene	12.05	119	1057937	53.137	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	553040	48.486	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	548481	48.025	ug/l	98
89) n-Butylbenzene	12.37	91	911679	50.170	ug/l	99
90) Hexachloroethane	12.58	117	202090	51.591	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	521899	48.608	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	97136	46.857	ug/l	96

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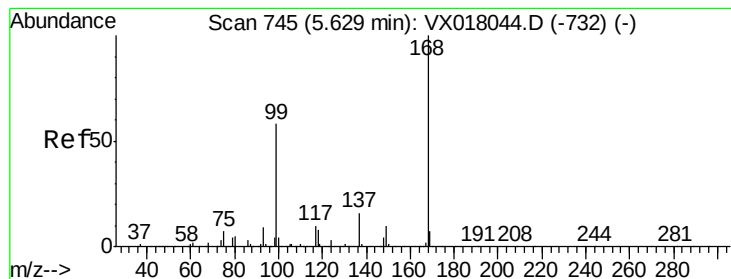
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	360366	50.333	ug/l	99
94) Hexachlorobutadiene	13.77	225	152397	53.965	ug/l	95
95) Naphthalene	13.82	128	1184964	50.290	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	355974	50.318	ug/l	97

(#) = 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: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 435449

Ion Ratio Lower Upper

168 100

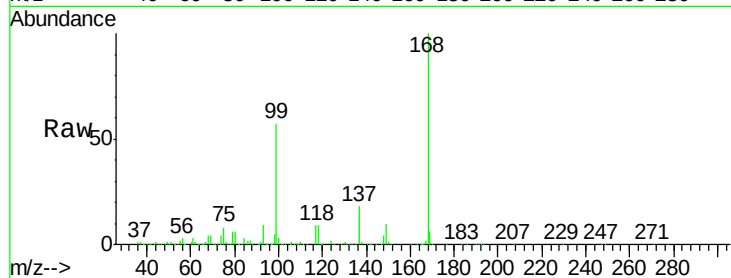
99 56.9 46.3 69.5

Manual Integrations

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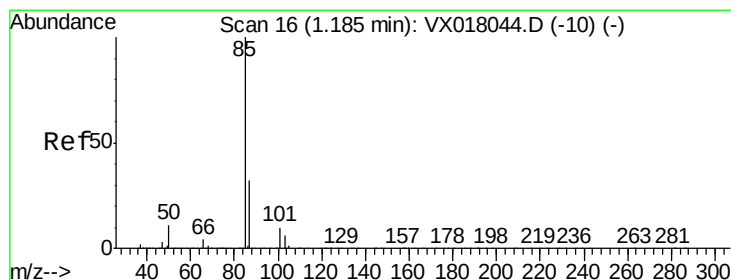
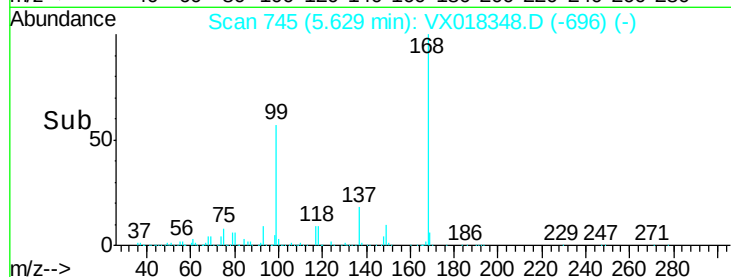
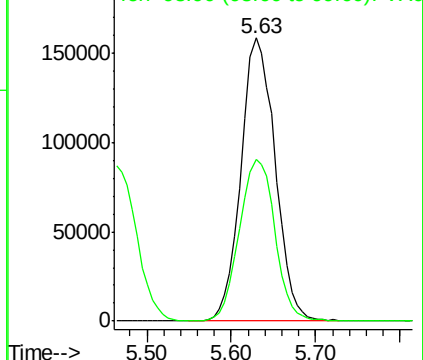
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.562 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018348.D

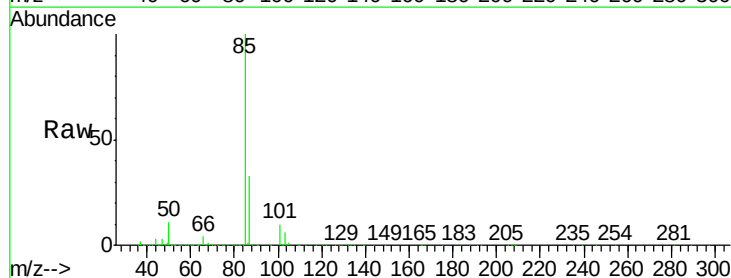
Acq: 10 Sep 2020 18:42

Tgt Ion: 85 Resp: 236253

Ion Ratio Lower Upper

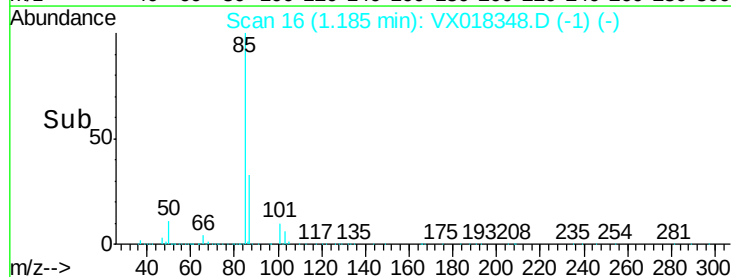
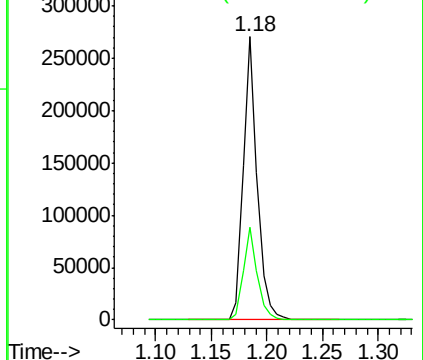
85 100

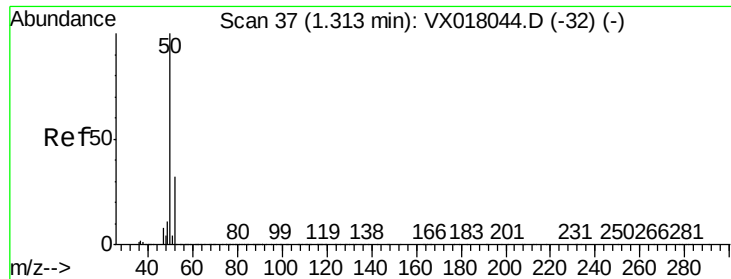
87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 40.423 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 225942

Ion Ratio Lower Upper

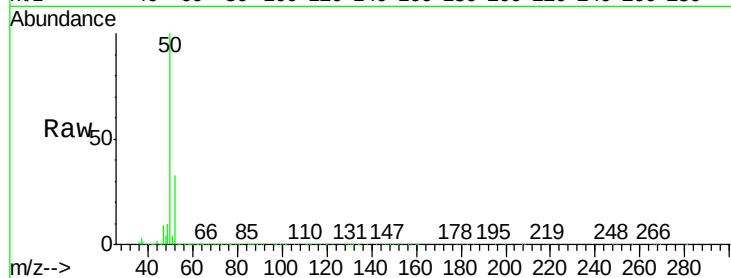
50 100

52 32.9 25.4 38.2

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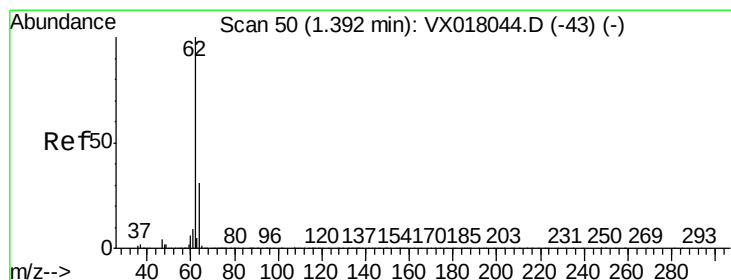
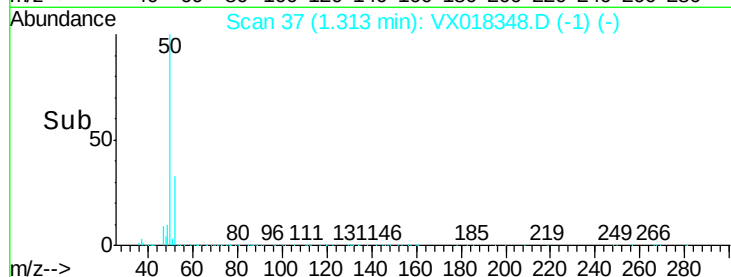
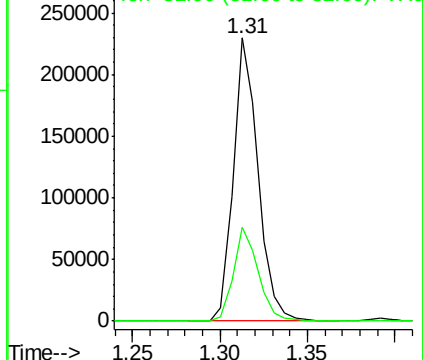
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 43.769 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018348.D

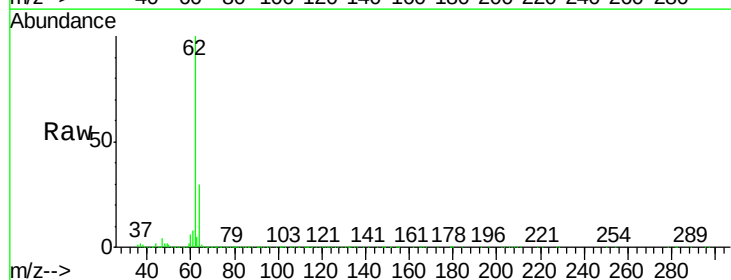
Acq: 10 Sep 2020 18:42

Tgt Ion: 62 Resp: 243531

Ion Ratio Lower Upper

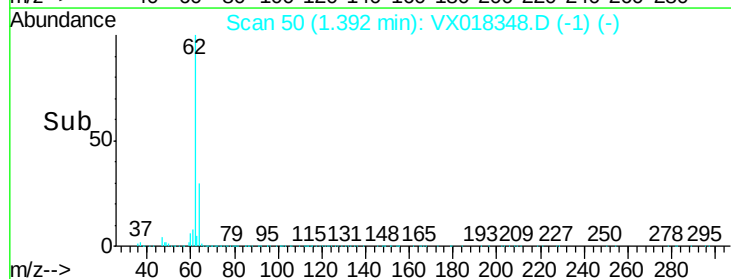
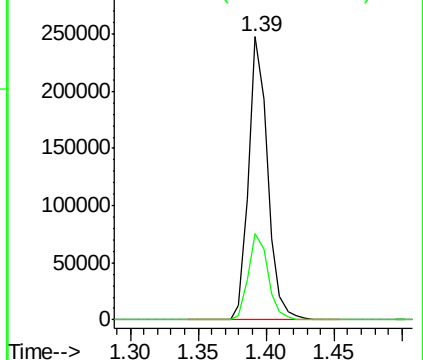
62 100

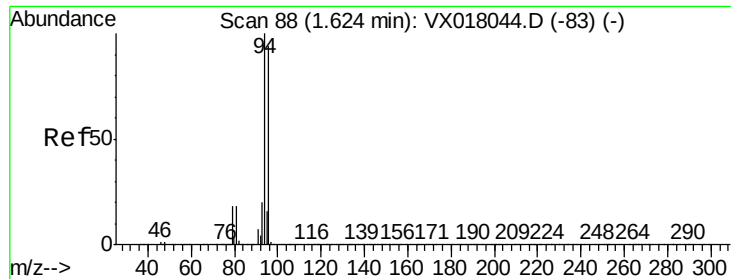
64 30.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.699 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 152165

Ion Ratio Lower Upper

94 100

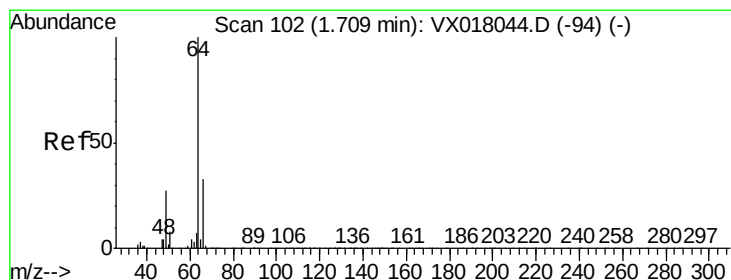
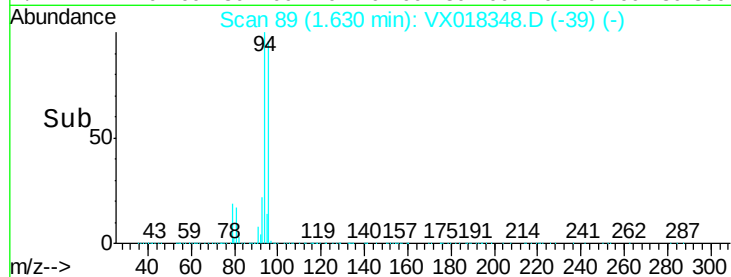
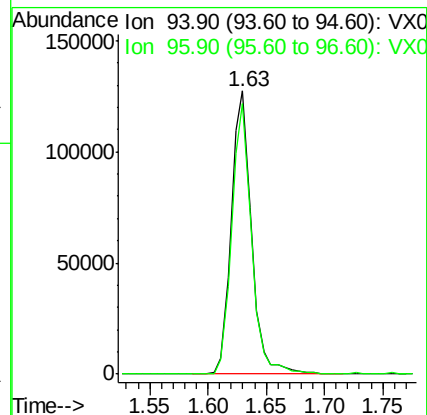
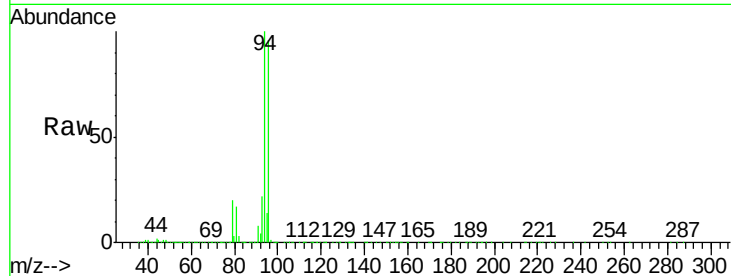
96 95.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 48.925 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018348.D

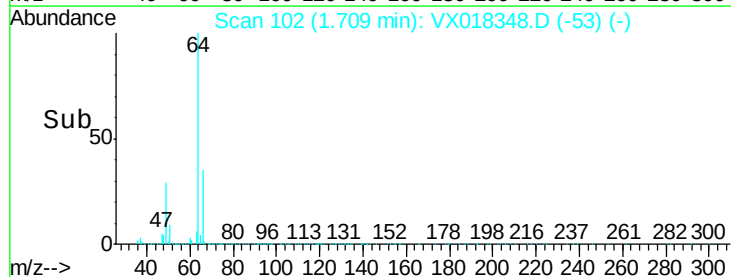
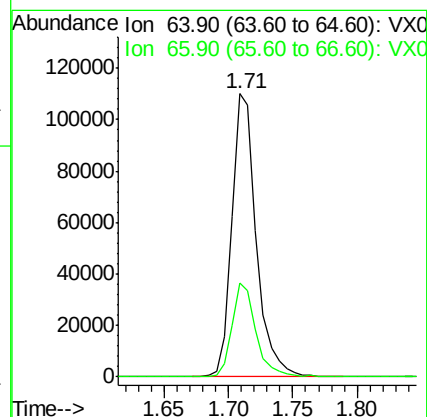
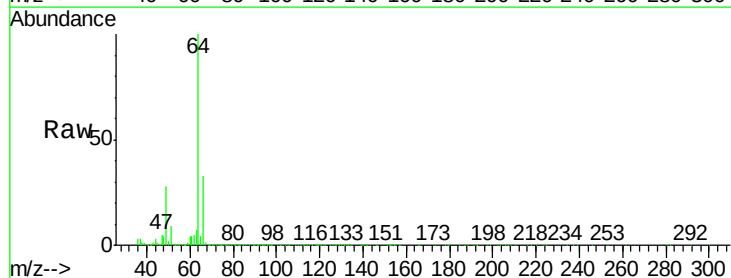
Acq: 10 Sep 2020 18:42

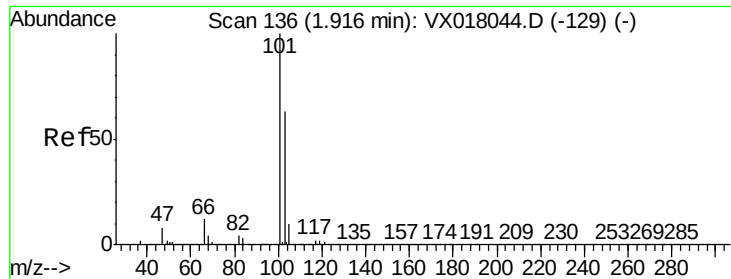
Tgt Ion: 64 Resp: 146209

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8





#7

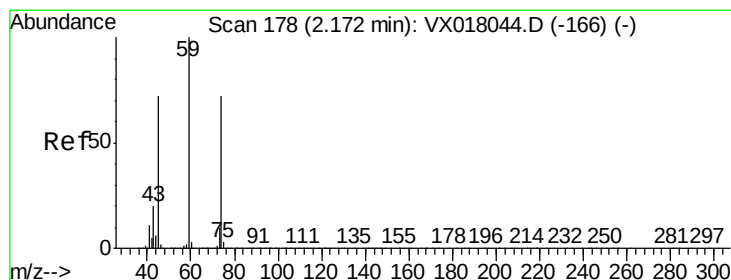
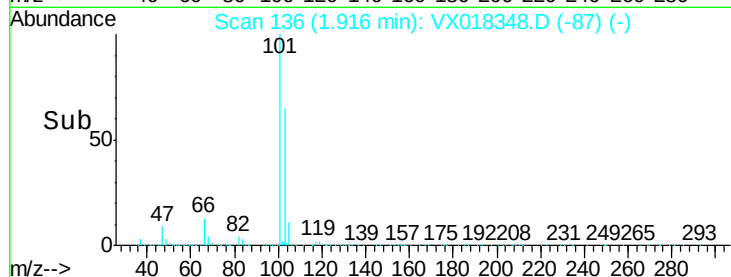
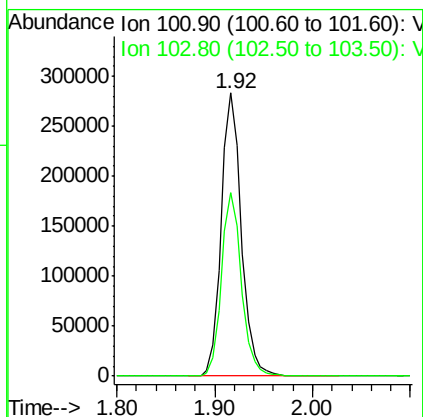
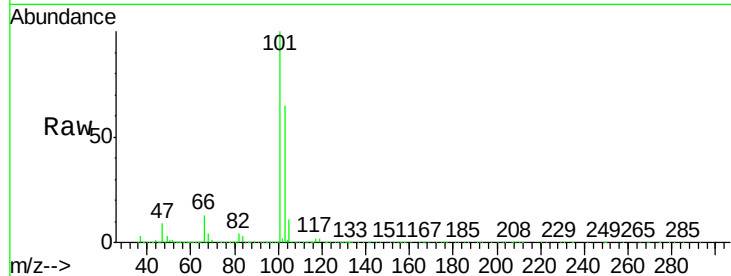
Trichlorofluoromethane
Concen: 53.319 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.7	76.1

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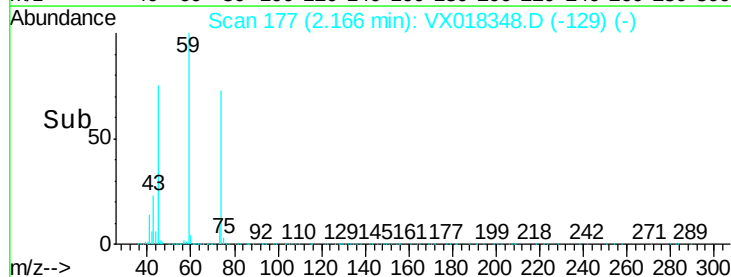
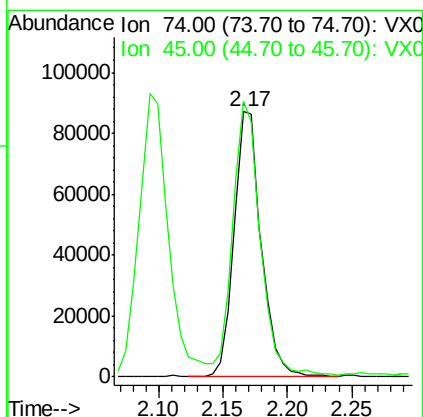
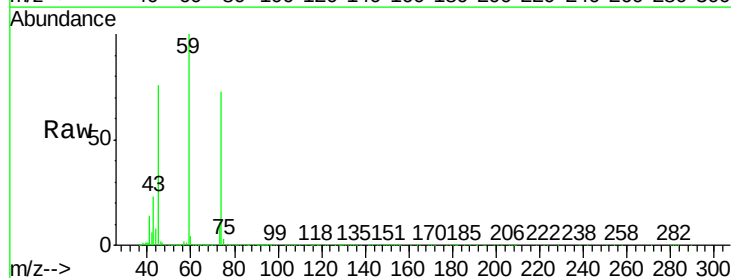
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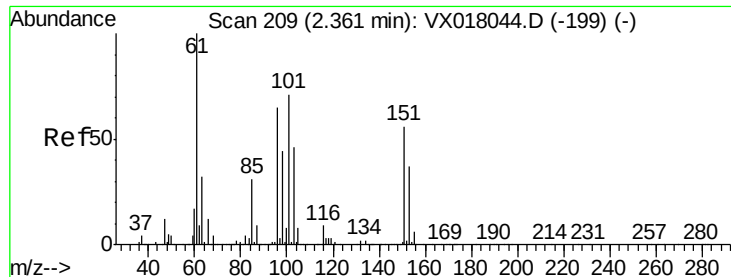


#8

Diethyl Ether
Concen: 49.530 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.3	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.679 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

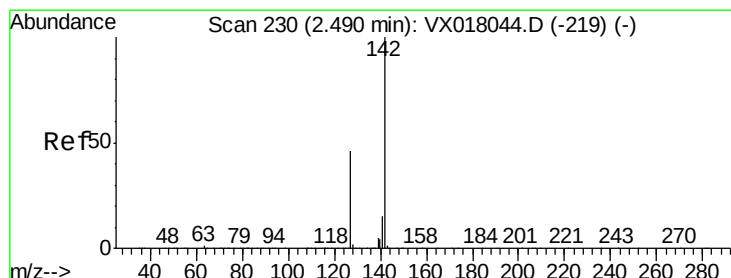
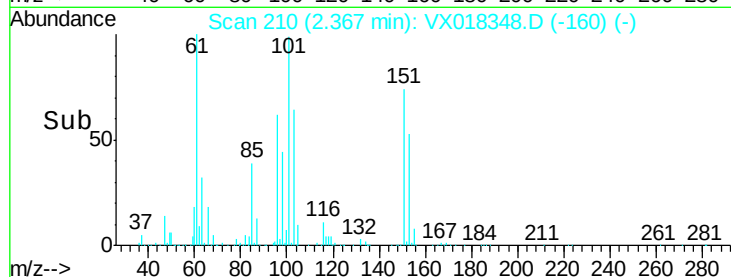
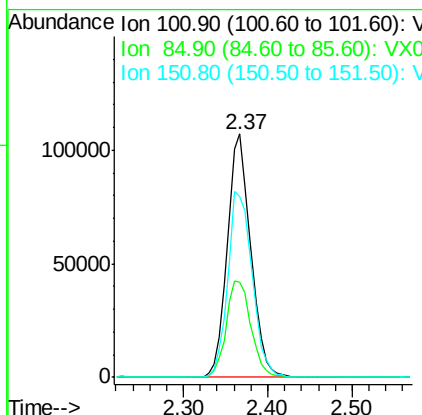
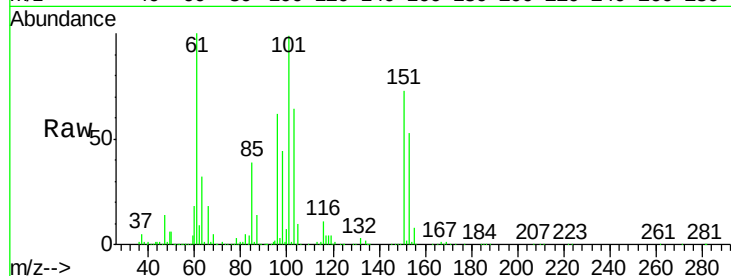
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	203771
Ion Ratio	Lower	Upper	
101	100		
85	41.9	34.0	51.0
151	79.1	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 45.681 ug/l

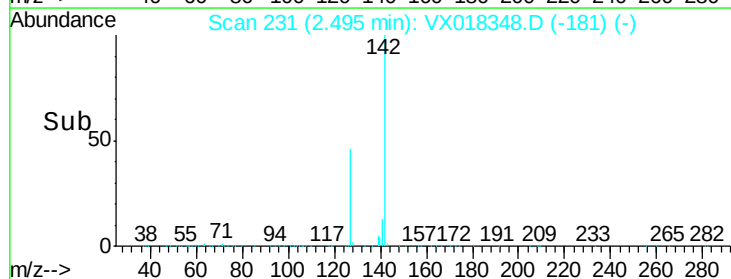
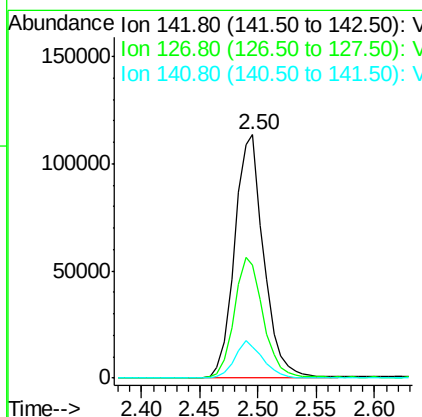
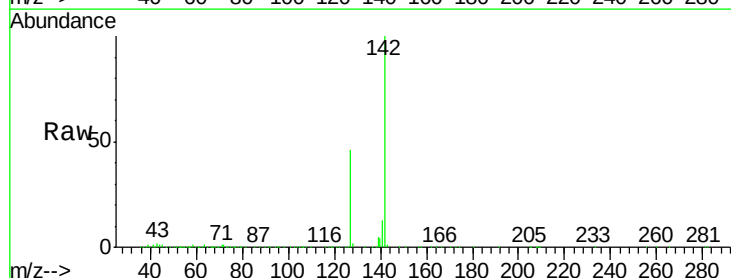
RT: 2.50 min Scan# 231

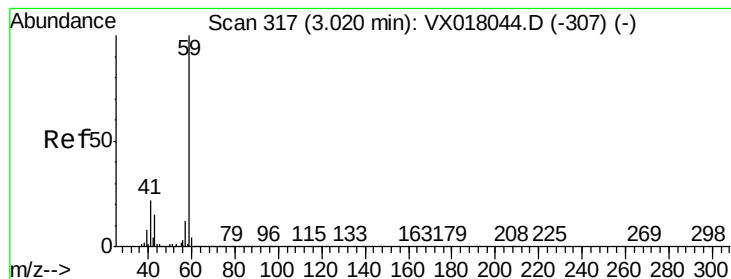
Delta R.T. 0.01 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion:	142	Resp:	198228
Ion Ratio	Lower	Upper	
142	100		
127	50.1	37.0	55.6
141	14.7	11.5	17.3





#11

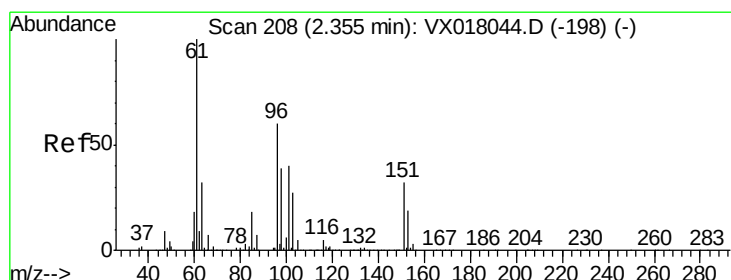
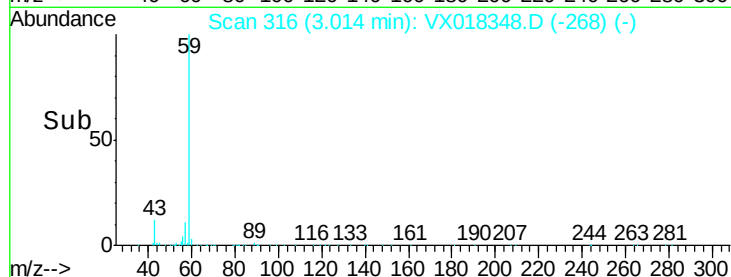
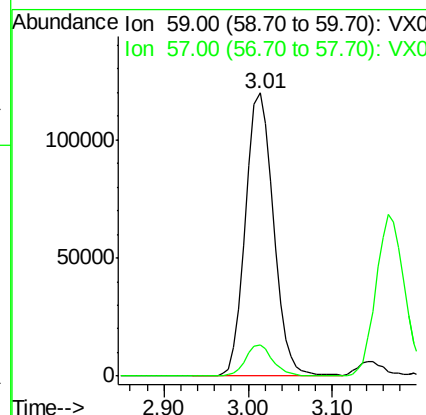
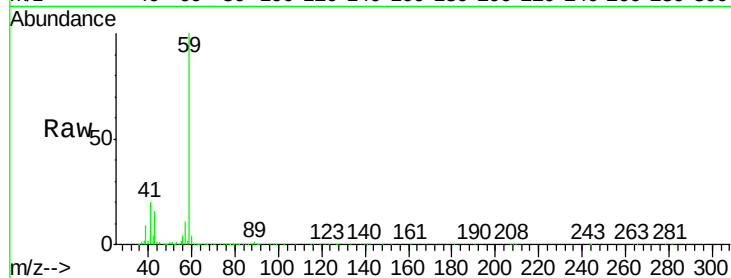
Tert butyl alcohol
Concen: 229.220 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.9	13.3

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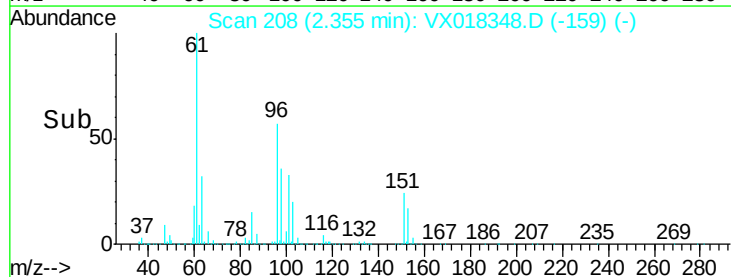
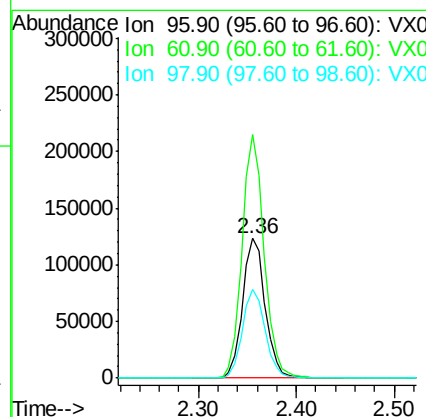
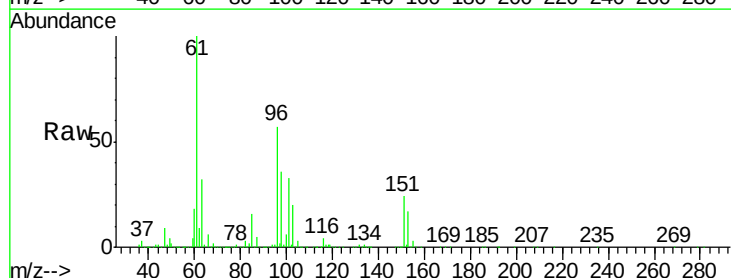
MMDadoda
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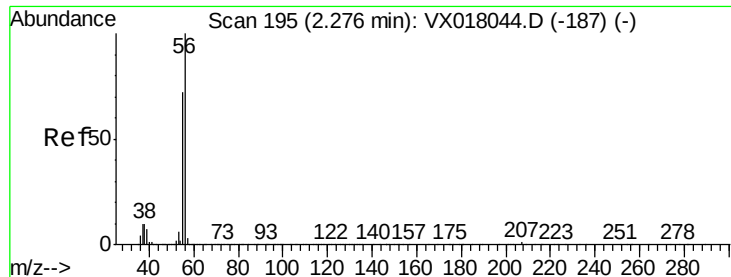


#12

1,1-Dichloroethene
Concen: 46.368 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	174.5	133.0	199.4
98	63.4	51.6	77.4





#13

Acrolein

Concen: 336.788 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 164140

Ion Ratio Lower Upper

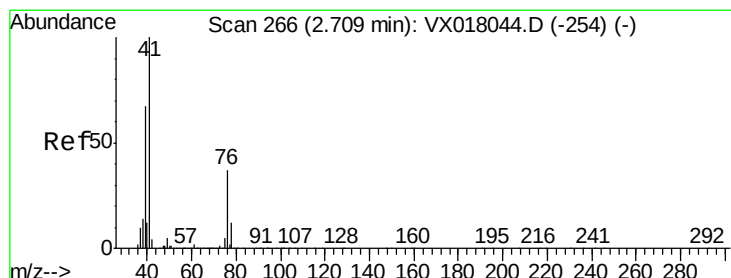
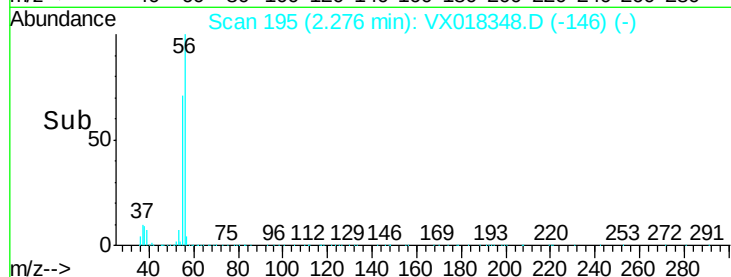
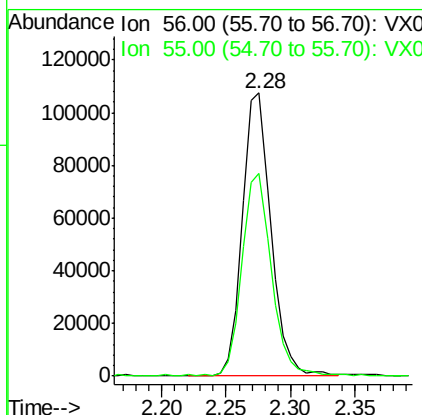
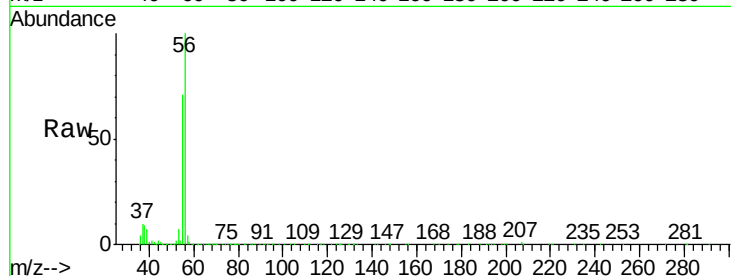
56 100

55 73.3 57.0 85.6

Manual Integrations
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#14

Allyl chloride

Concen: 48.696 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

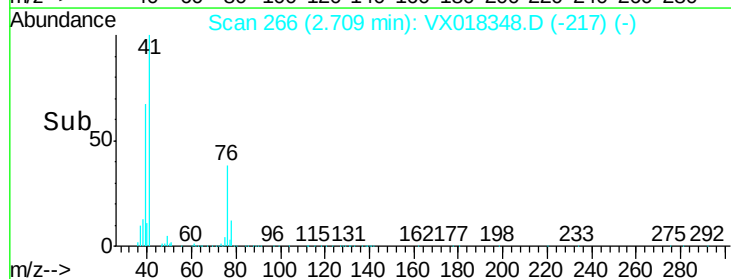
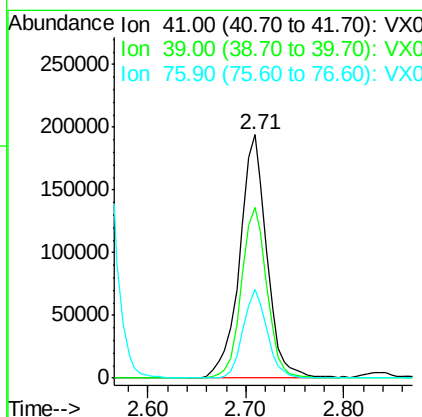
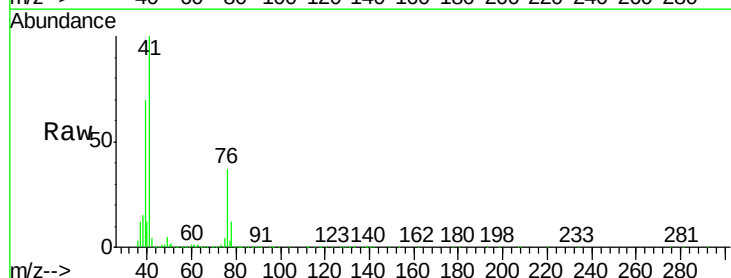
Tgt Ion: 41 Resp: 372304

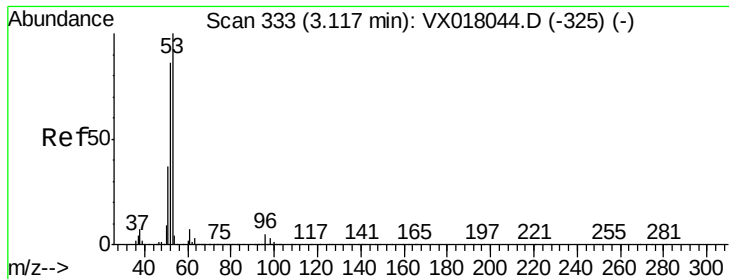
Ion Ratio Lower Upper

41 100

39 65.9 50.6 76.0

76 32.2 26.2 39.2





#15

Acrylonitrile

Concen: 239.224 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

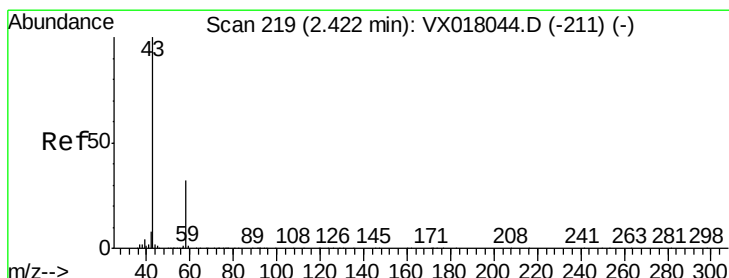
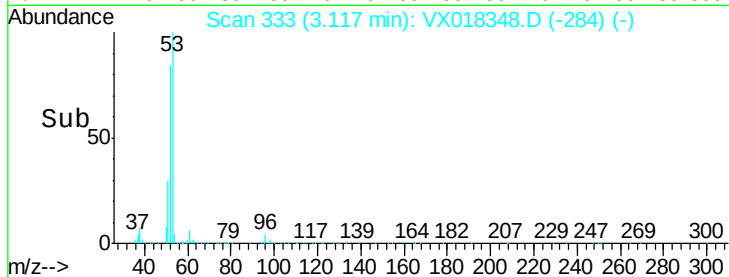
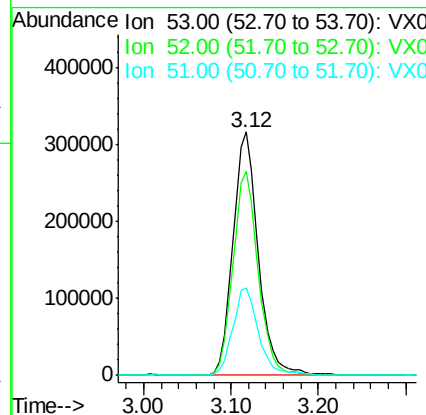
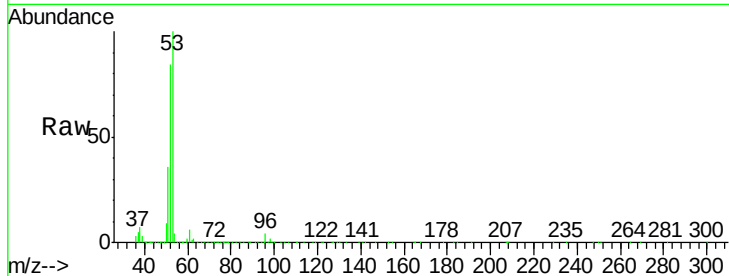
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	637831
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.9	100.3
51	36.8	28.7	43.1

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#16

Acetone

Concen: 235.146 ug/l

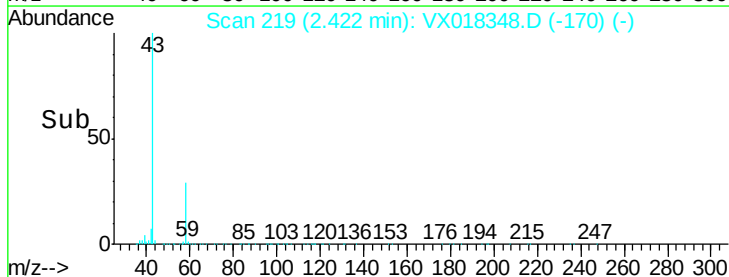
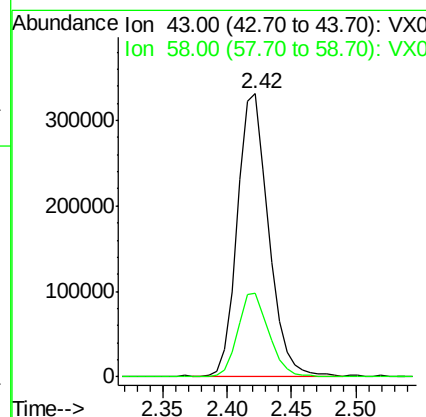
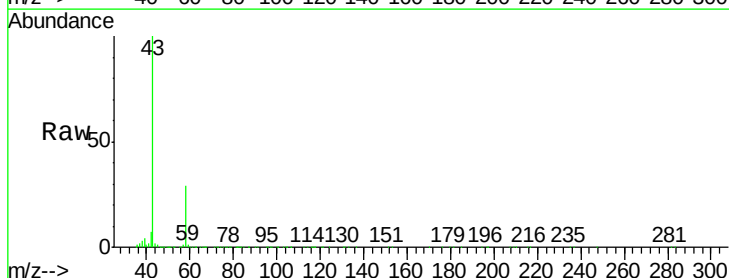
RT: 2.42 min Scan# 219

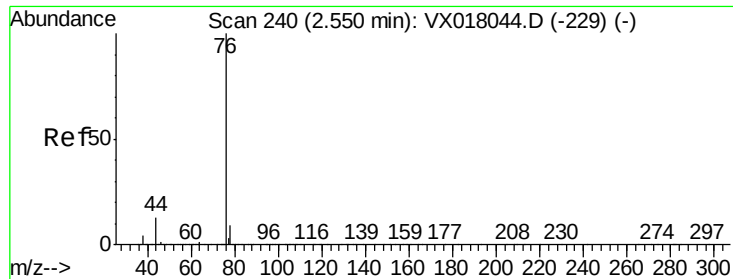
Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion:	43	Resp:	553900
Ion Ratio	Lower	Upper	
43	100		
58	29.4	25.5	38.3





#17

Carbon Disulfide

Concen: 40.303 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 518463

Ion Ratio Lower Upper

76 100

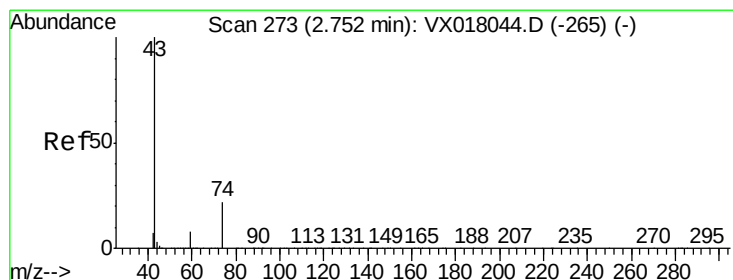
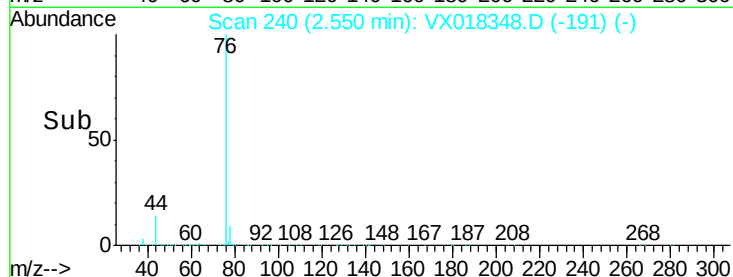
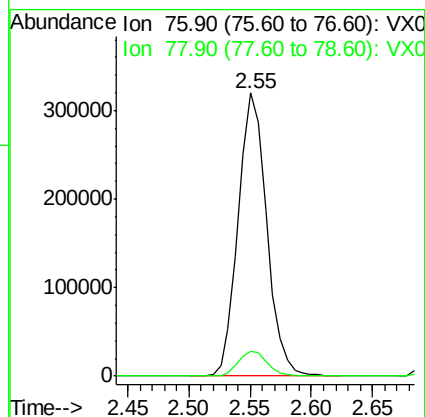
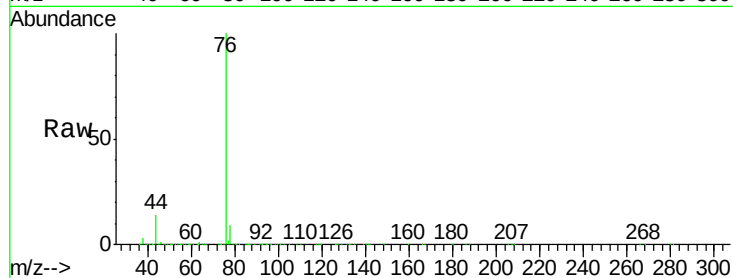
78 9.0 7.4 11.0

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#18

Methyl Acetate

Concen: 56.763 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018348.D

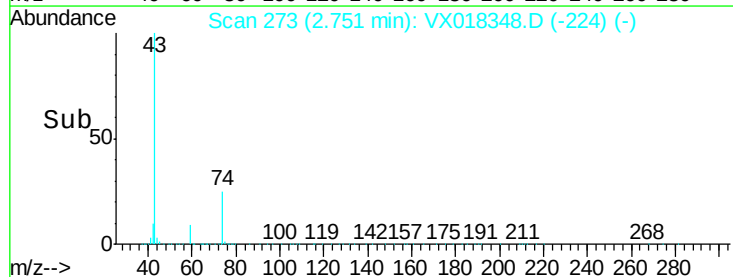
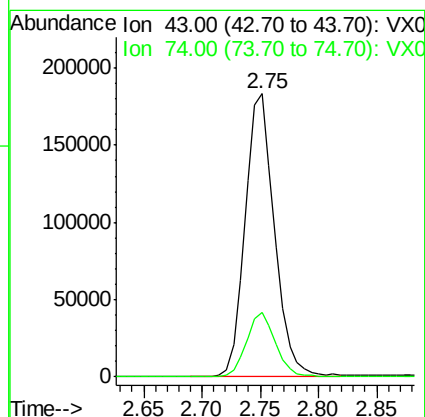
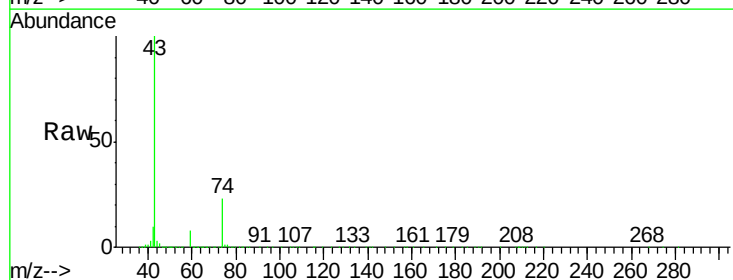
Acq: 10 Sep 2020 18:42

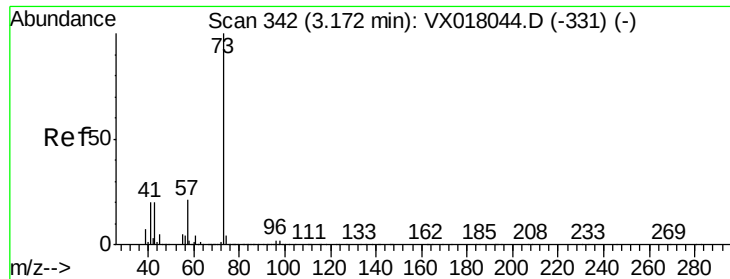
Tgt Ion: 43 Resp: 322652

Ion Ratio Lower Upper

43 100

74 22.9 18.2 27.4





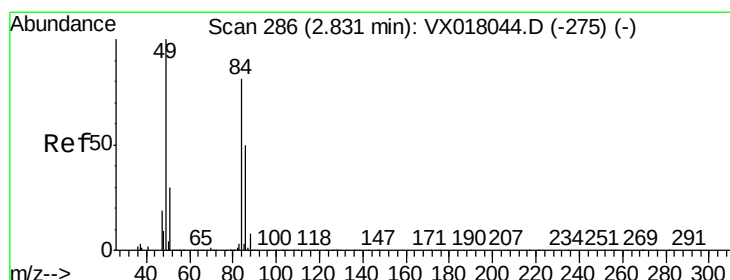
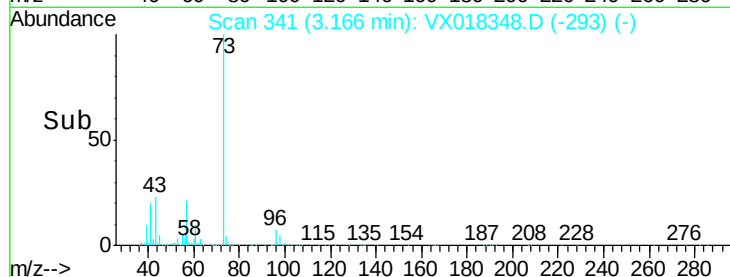
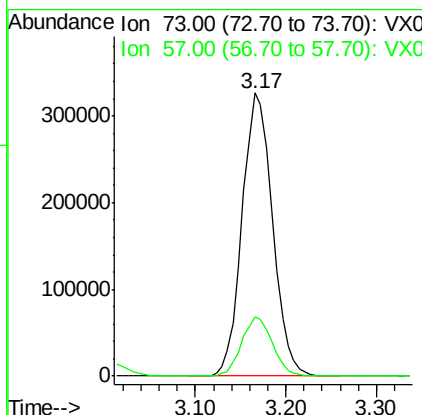
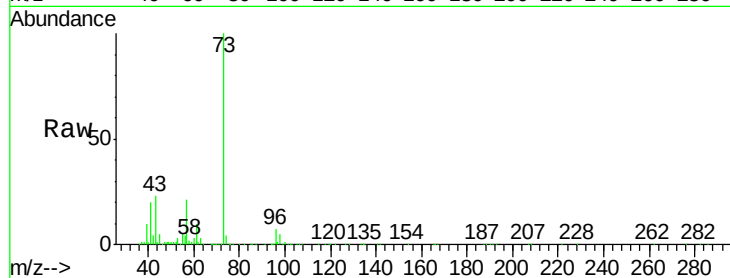
#19
Methyl tert-butyl Ether
Concen: 51.952 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.9	16.8	25.2

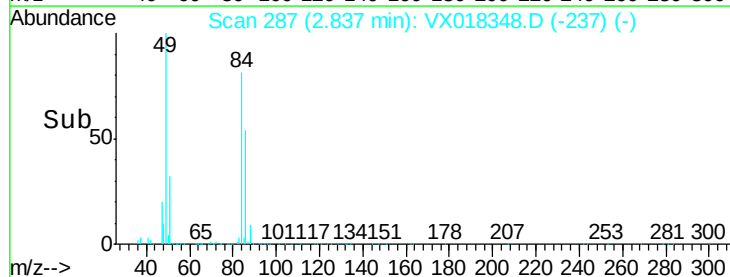
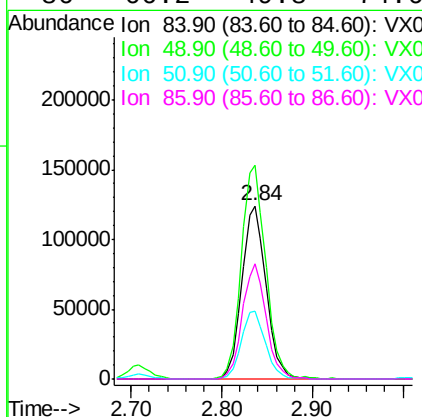
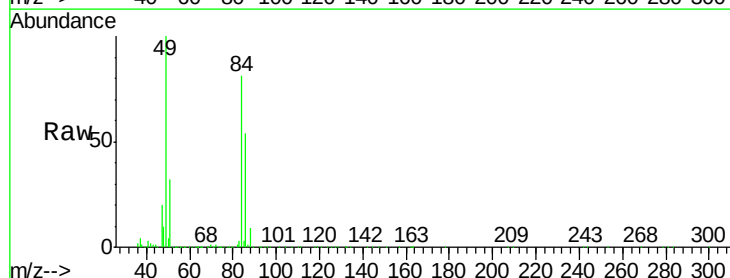
Manual Integrations
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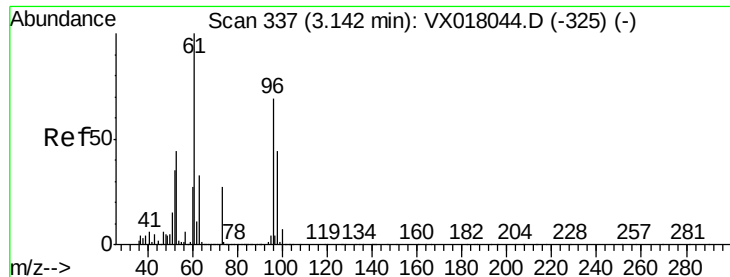
MMDadoda
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#20
Methylene Chloride
Concen: 47.578 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.1	98.6	148.0
51	39.2	29.6	44.4
86	66.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 46.558 ug/l

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

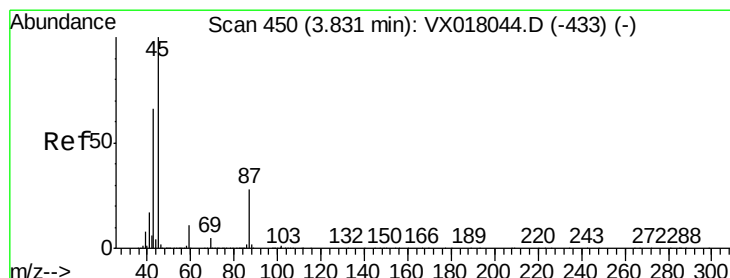
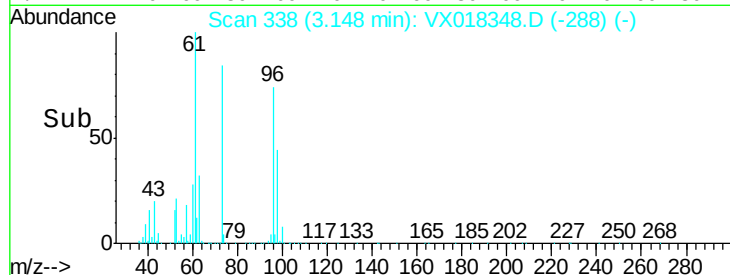
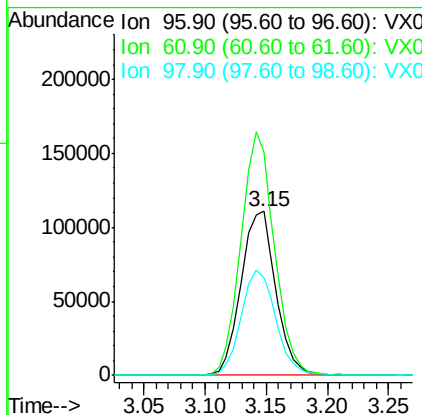
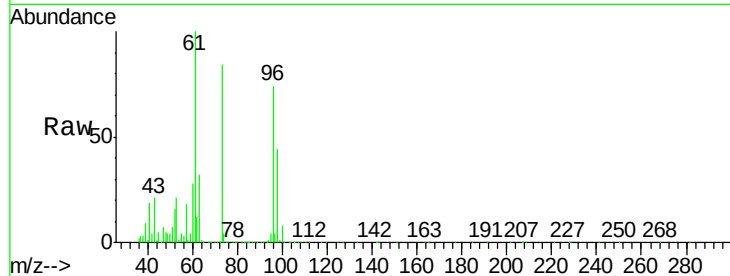
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	219506
Ion	Ratio	Lower	Upper
96	100		
61	135.7	115.4	173.0
98	59.9	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.062 ug/l

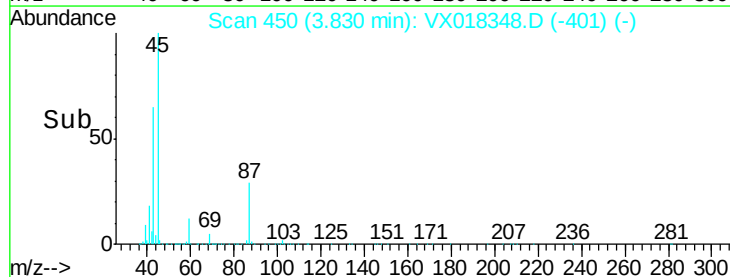
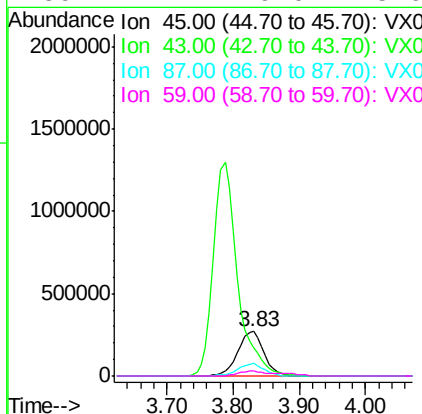
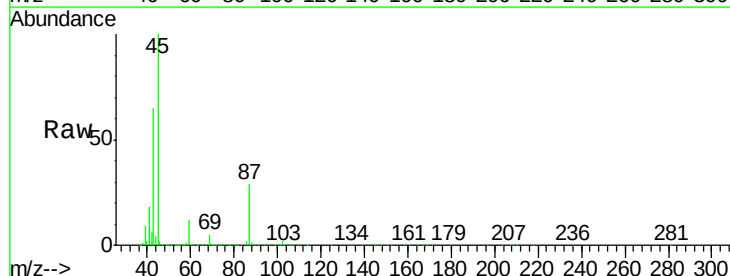
RT: 3.83 min Scan# 450

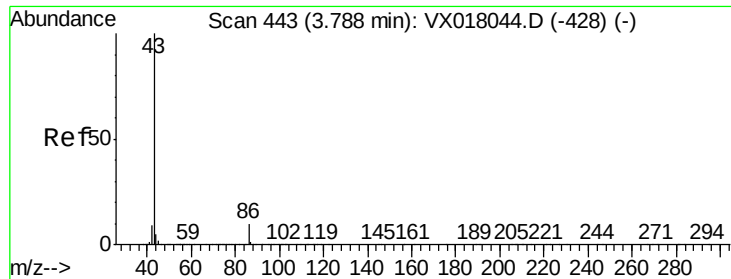
Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion:	45	Resp:	740324
Ion	Ratio	Lower	Upper
45	100		
43	64.4	52.8	79.2
87	28.5	22.5	33.7
59	11.7	9.0	13.6





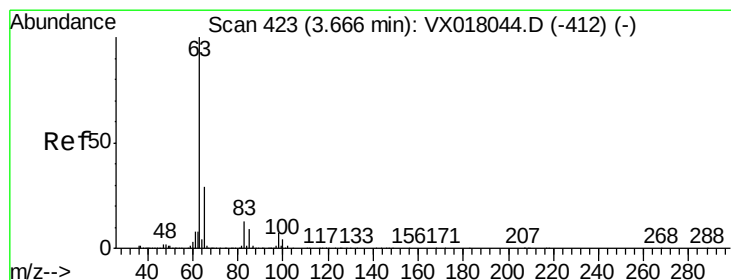
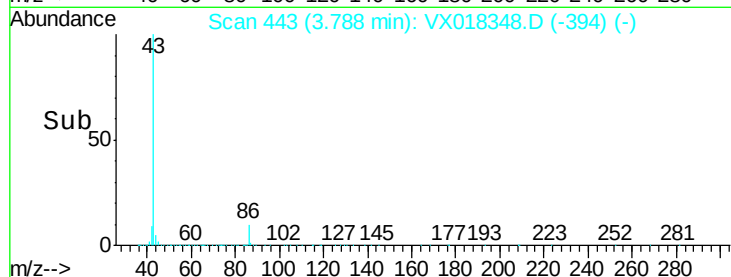
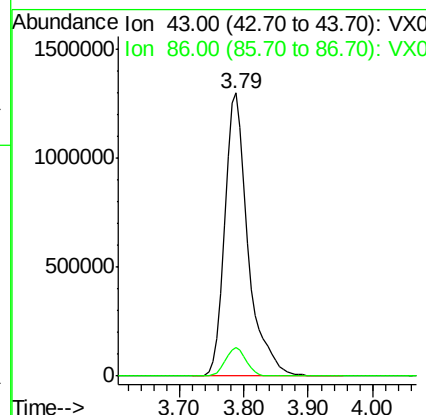
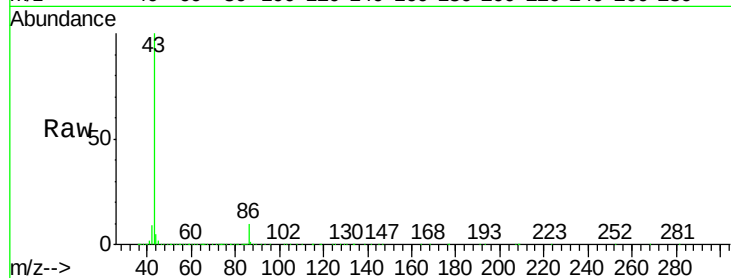
#23
 Vinyl Acetate
 Concen: 246.047 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3303669
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.9 11.9

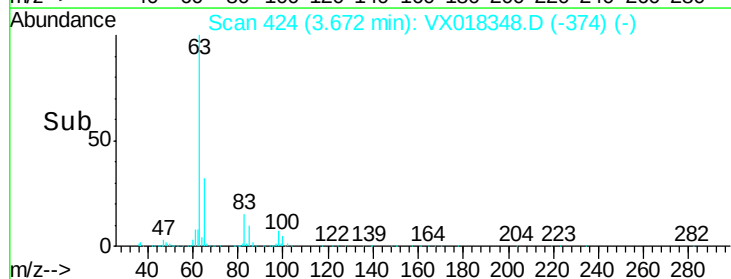
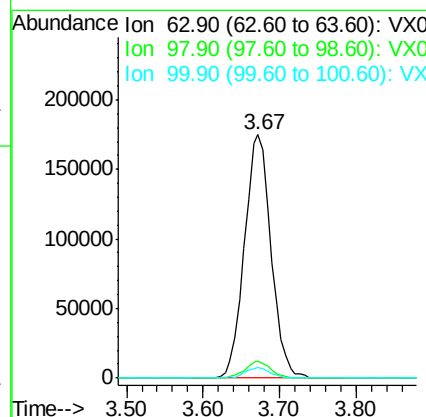
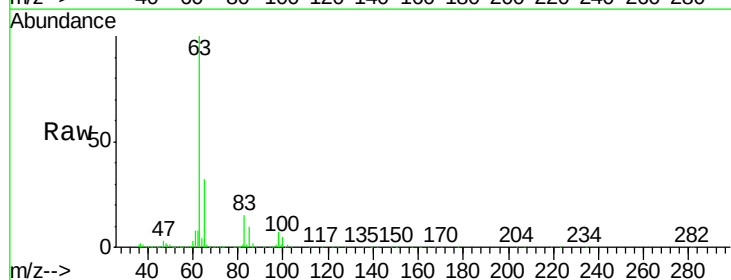
Manual Integrations
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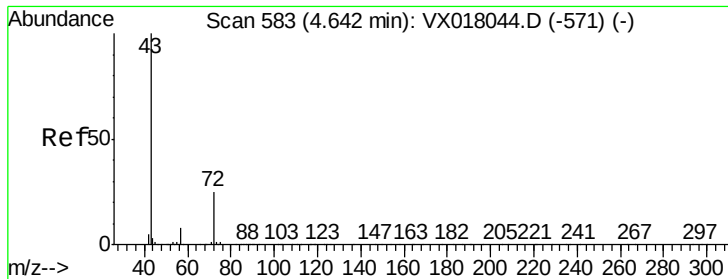
MMDadoda
 9/11/2020 10:13:50 AM



#24
 1,1-Dichloroethane
 Concen: 49.051 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion: 63 Resp: 421337
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 4.6 2.0 6.0





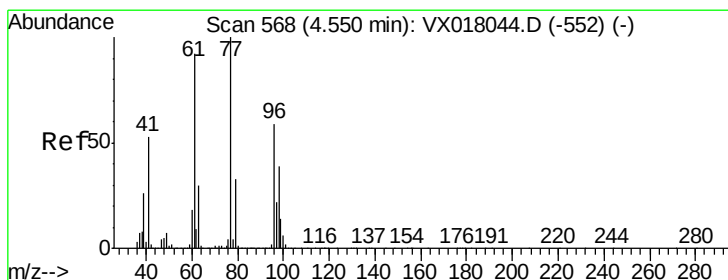
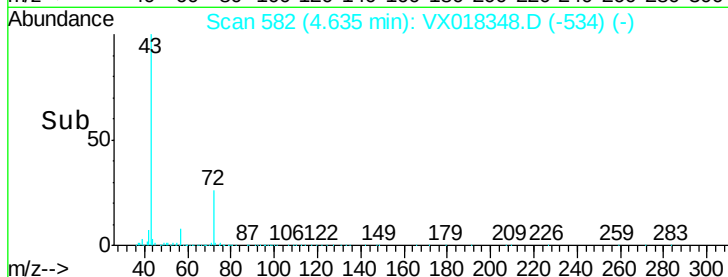
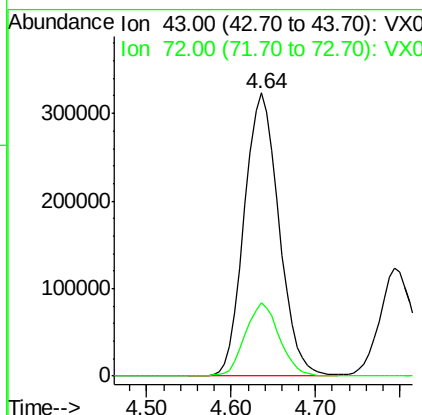
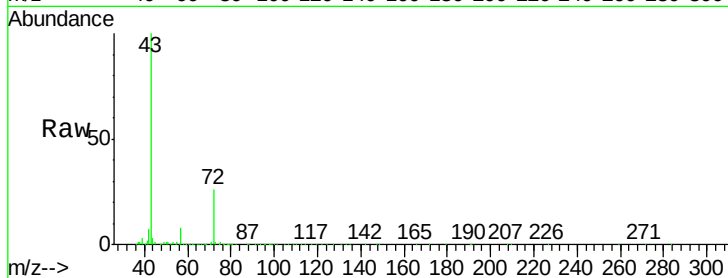
#25
2-Butanone
Concen: 232.817 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 901296
Ion Ratio Lower Upper
43 100
72 25.6 19.8 29.6

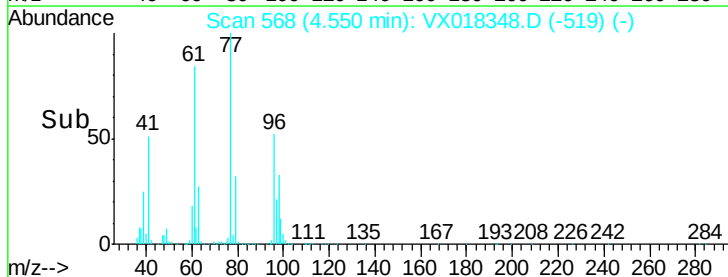
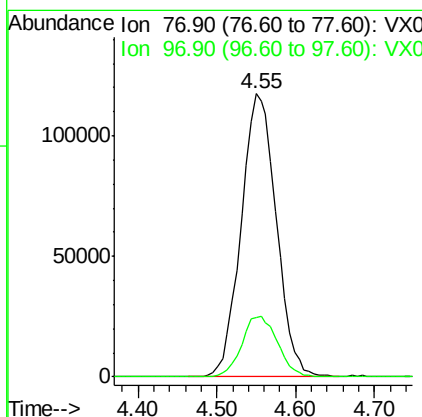
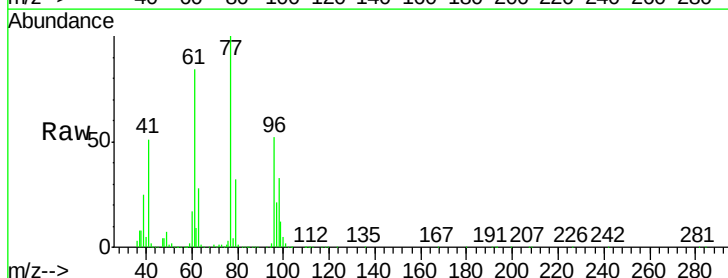
Manual Integrations
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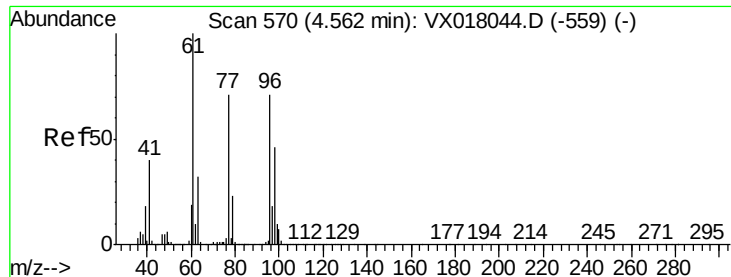
MMDadoda
9/11/2020 10:13:50 AM



#26
2,2-Dichloropropane
Concen: 52.112 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion: 77 Resp: 364207
Ion Ratio Lower Upper
77 100
97 21.8 11.5 34.5





#27

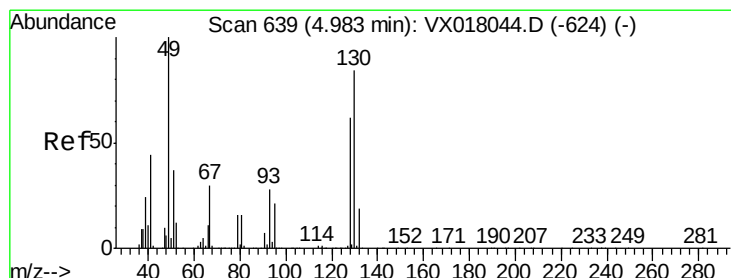
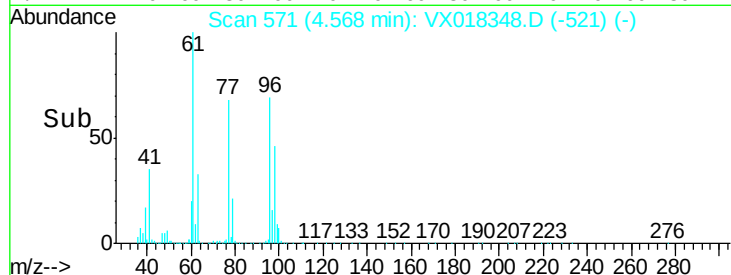
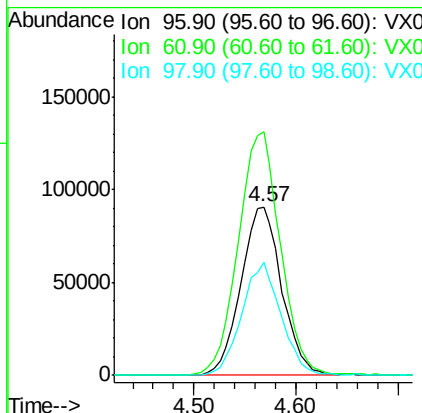
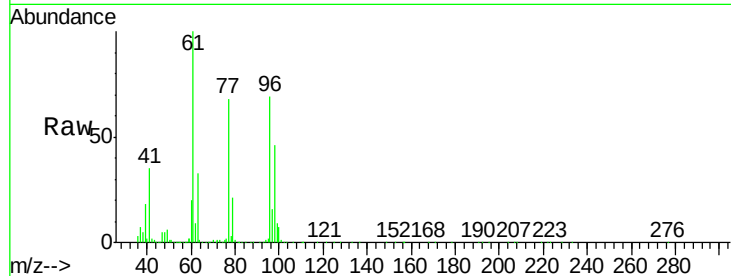
cis-1,2-Dichloroethene
Concen: 46.401 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	252056		
61	149.0	0.0	296.6	
98	64.6	0.0	130.2	

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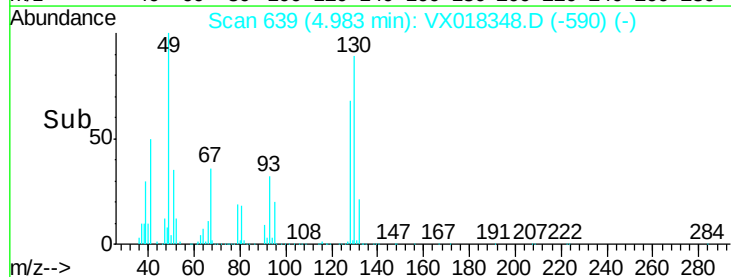
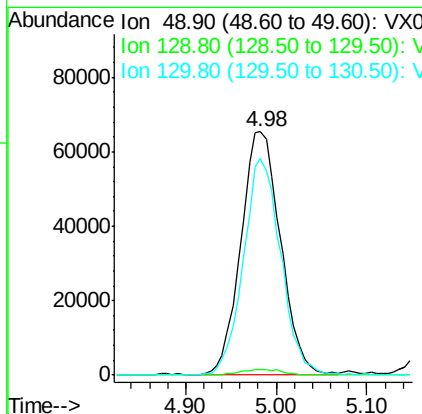
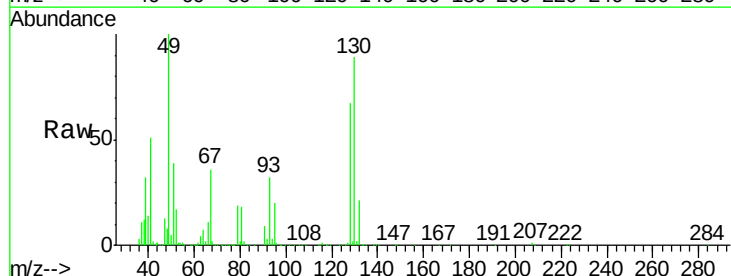
MMDadoda
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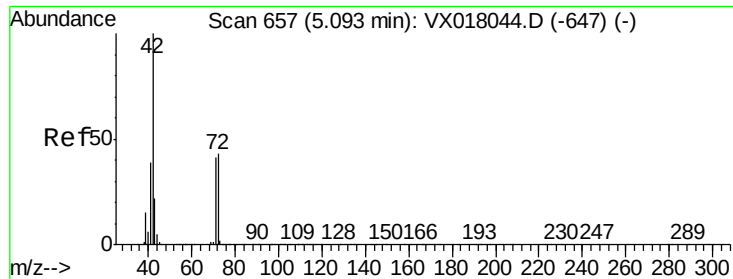


#28

Bromochloromethane
Concen: 47.713 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	197828		
129	2.5	0.0	4.6	
130	84.3	64.6	96.8	





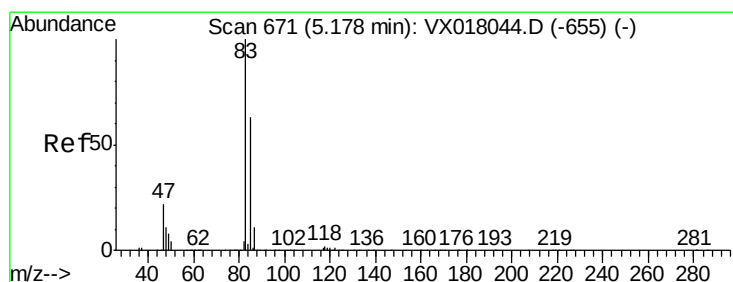
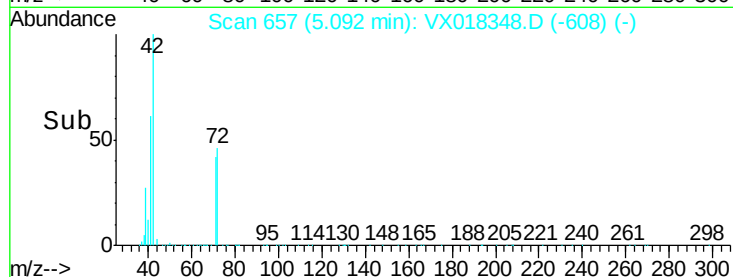
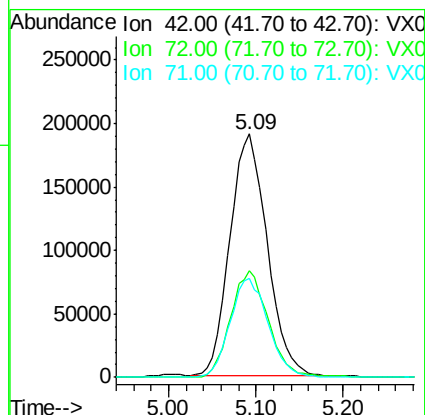
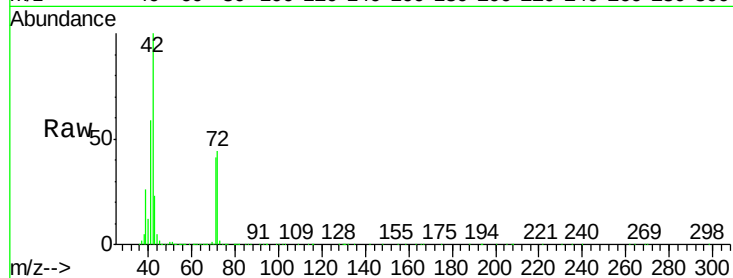
#29
Tetrahydrofuran
Concen: 229.573 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.2	51.4
71	41.8	32.1	48.1

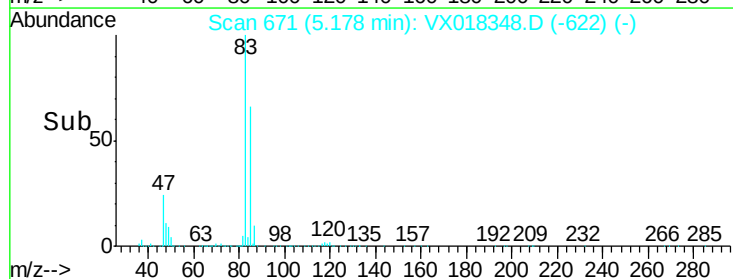
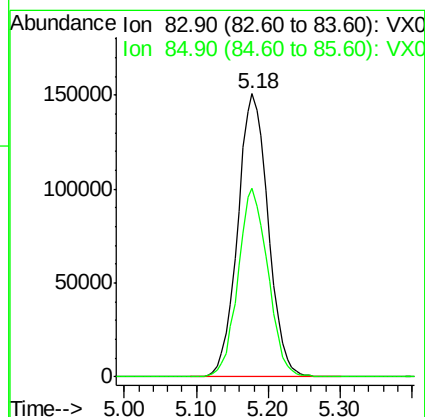
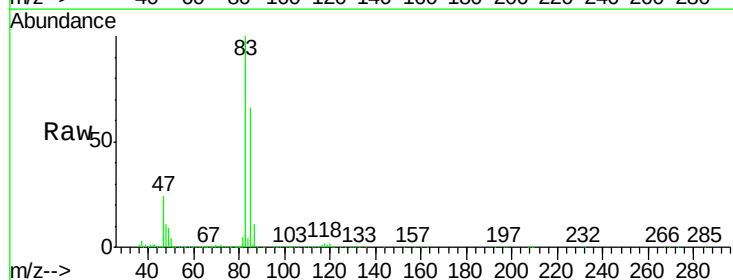
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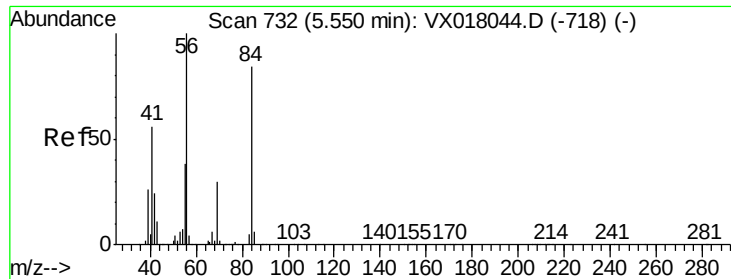
MMDadoda
9/11/2020 10:13:50 AM



#30
Chloroform
Concen: 49.712 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.7	76.1





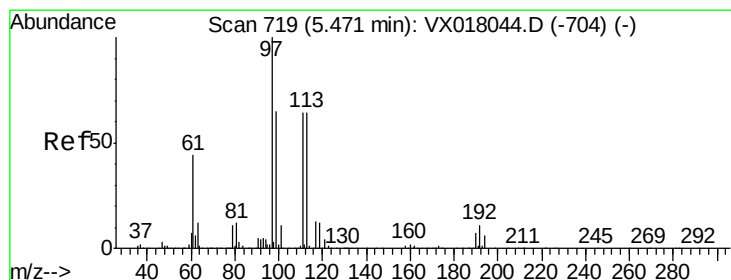
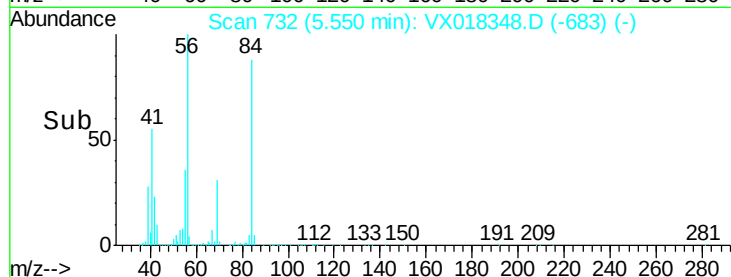
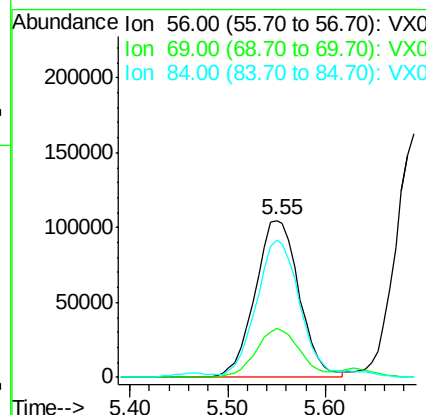
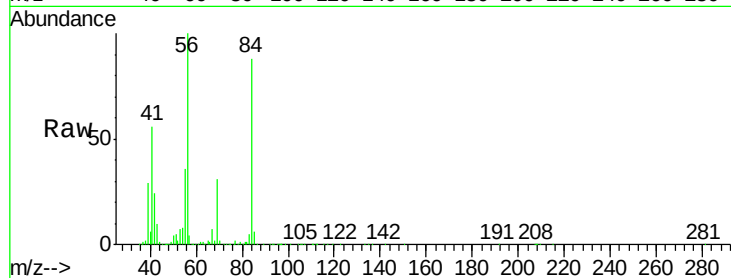
#31
Cyclohexane
Concen: 45.428 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.9	35.9
84	85.0	67.0	100.4

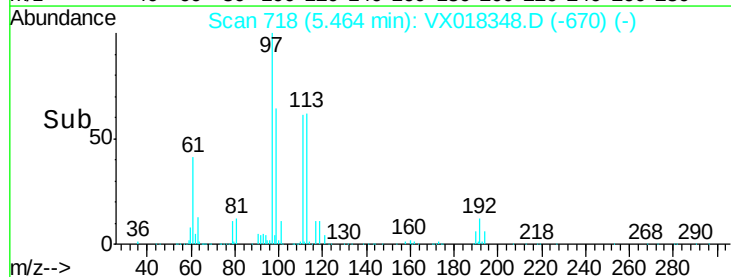
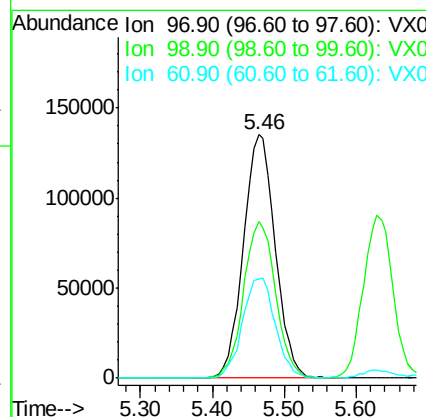
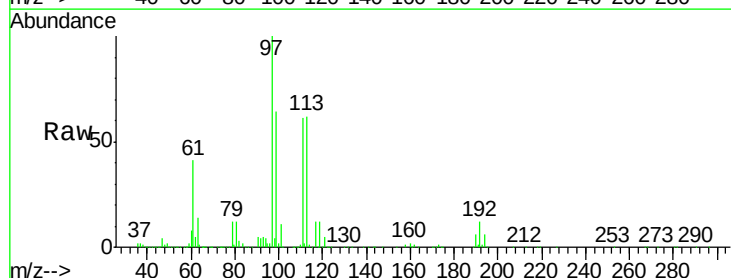
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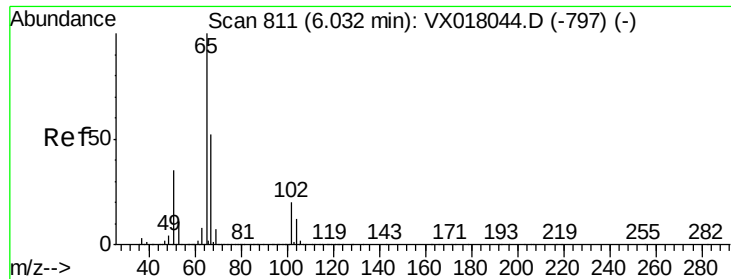
MMDadoda
9/11/2020 10:13:50 AM



#32
1,1,1-Trichloroethane
Concen: 50.727 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.4	77.0
61	42.5	34.2	51.4





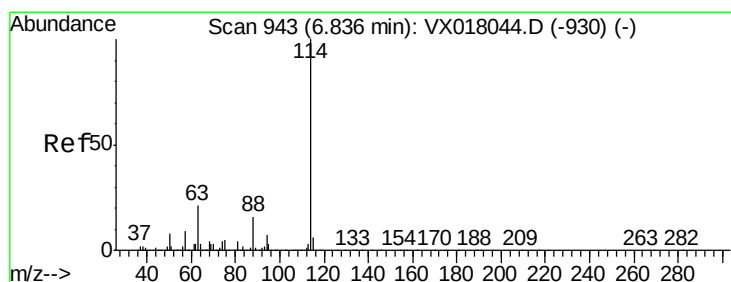
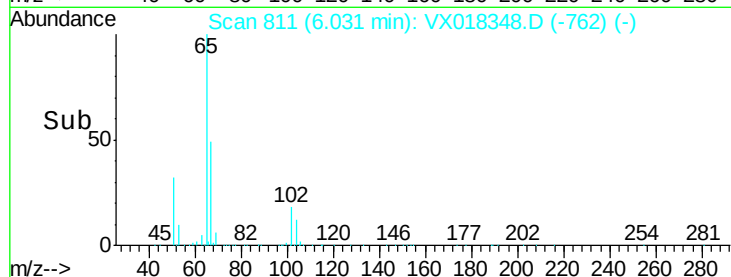
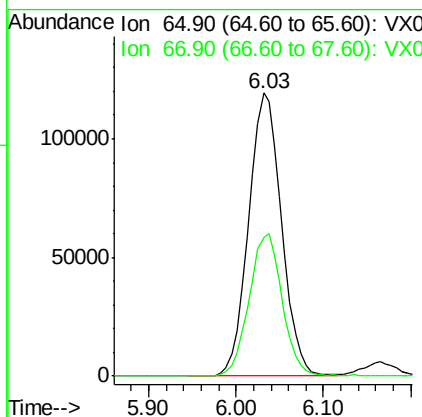
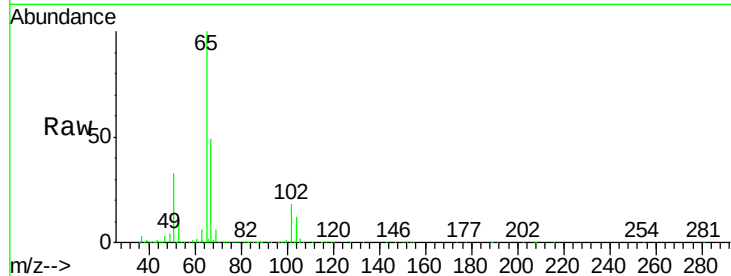
#33
 1,2-Dichloroethane-d4
 Concen: 51.561 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	311693		
67	50.7	0.0	105.8	

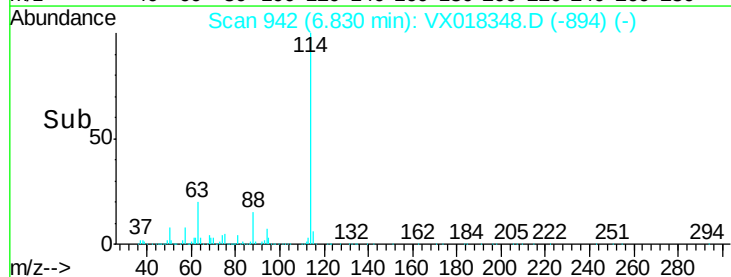
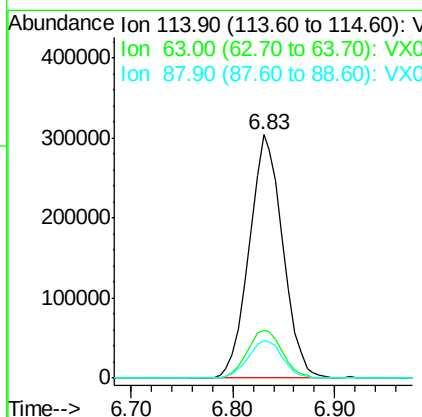
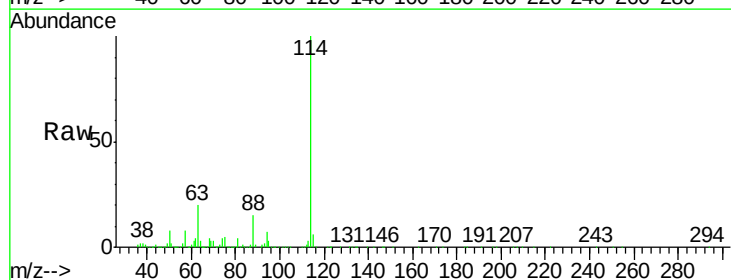
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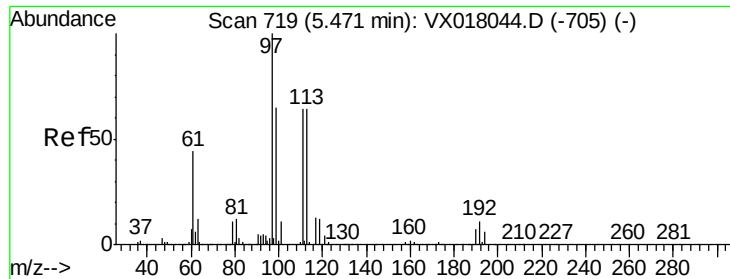
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	696352		
63	19.5	0.0	42.6	
88	15.2	0.0	31.8	





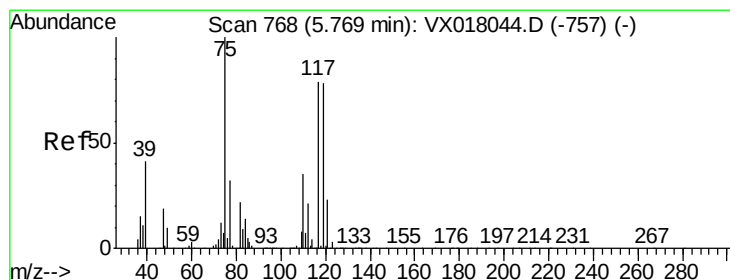
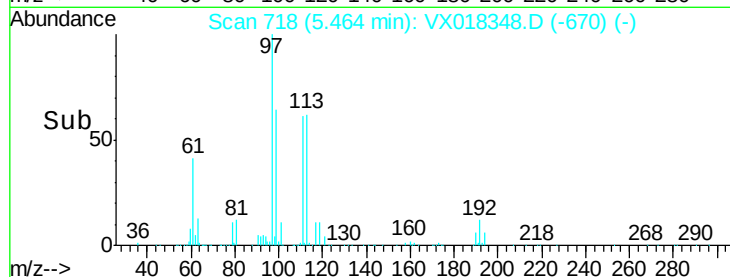
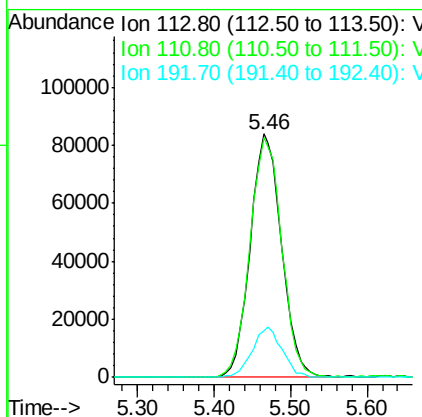
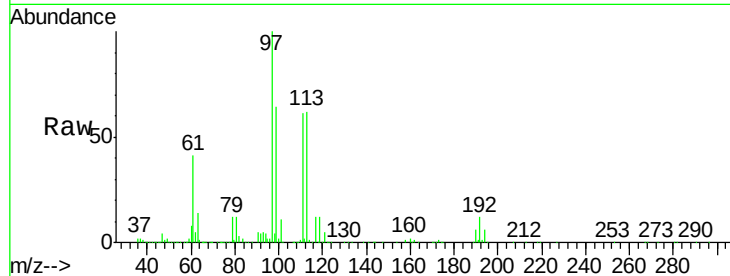
#35
 Dibromofluoromethane
 Concen: 50.561 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	239783		
111	100.1	81.6	122.4	
192	19.7	15.8	23.8	

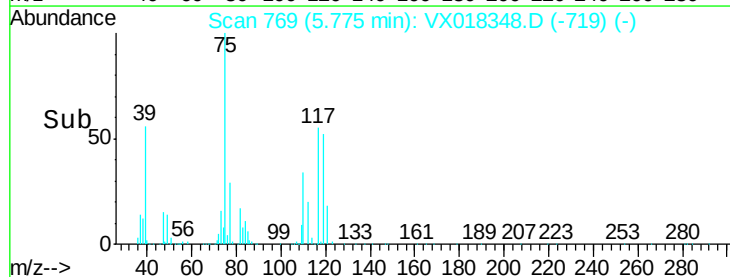
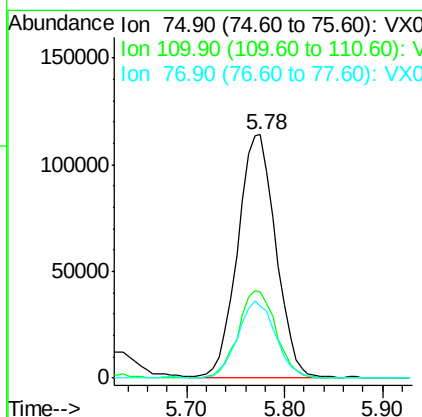
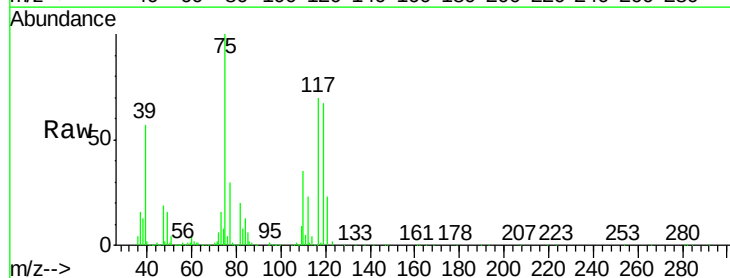
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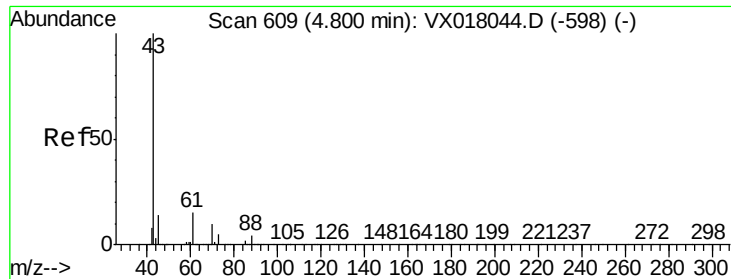
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 47.688 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	306291		
110	36.3	18.0	54.0	
77	31.5	24.4	36.6	





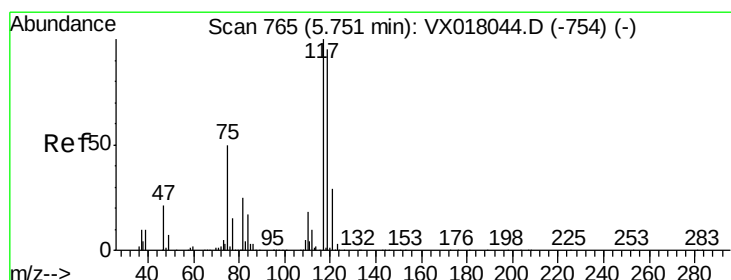
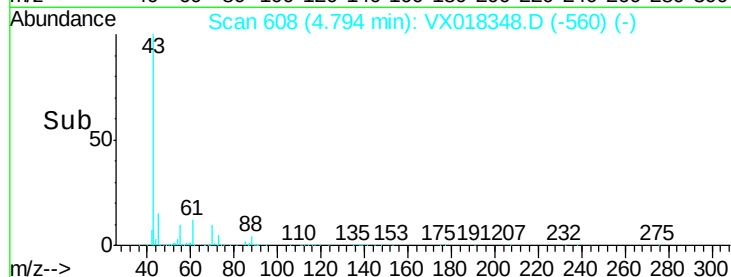
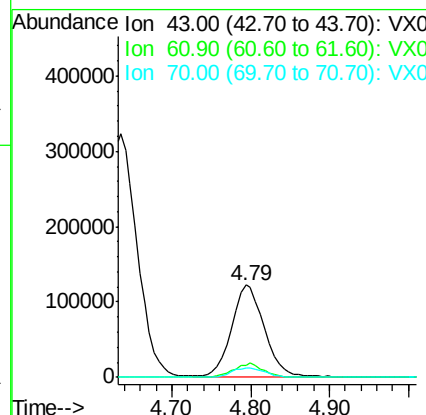
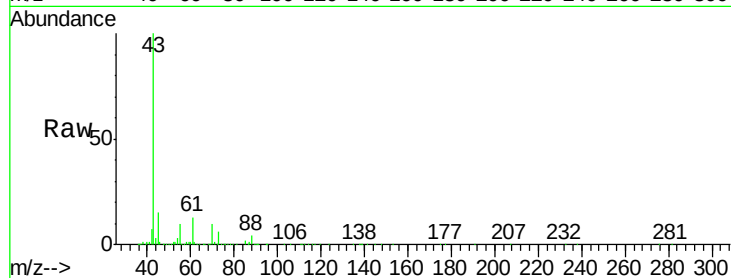
#37
Ethyl Acetate
Concen: 47.124 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	351529
Ion Ratio	Lower	Upper	
43	100		
61	13.6	11.3	16.9
70	10.5	8.2	12.4

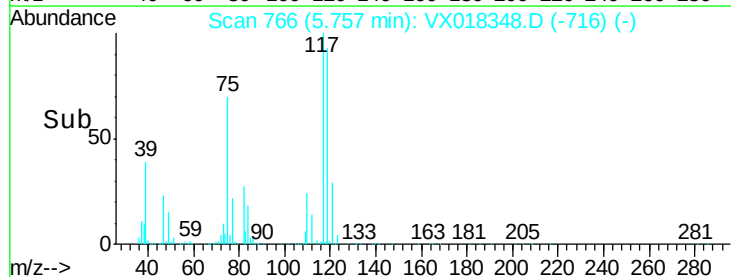
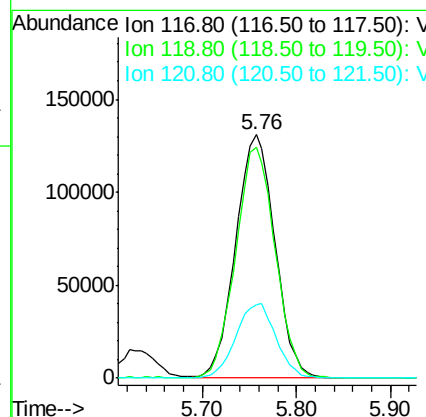
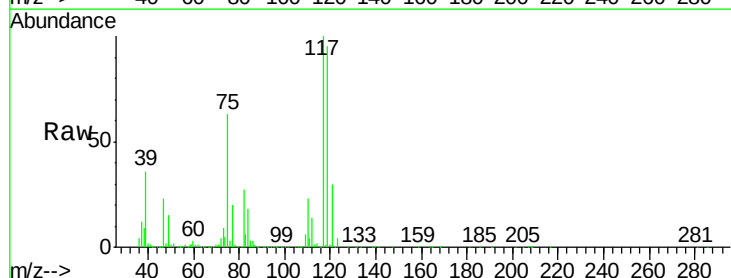
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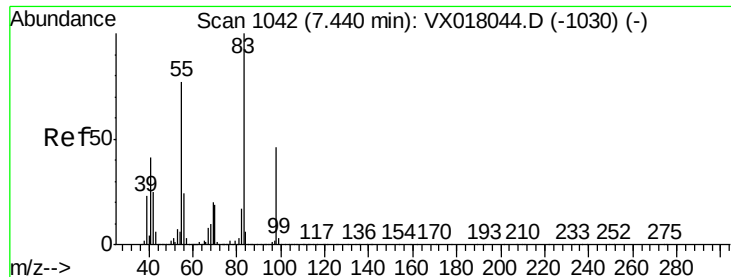
MMDadoda
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#38
Carbon Tetrachloride
Concen: 52.318 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion:	117	Resp:	378686
Ion Ratio	Lower	Upper	
117	100		
119	94.7	75.8	113.6
121	30.1	23.4	35.0





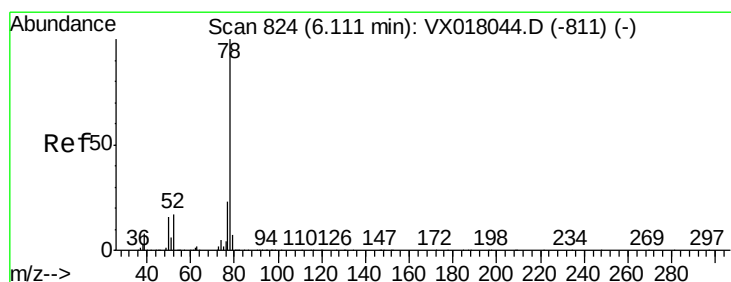
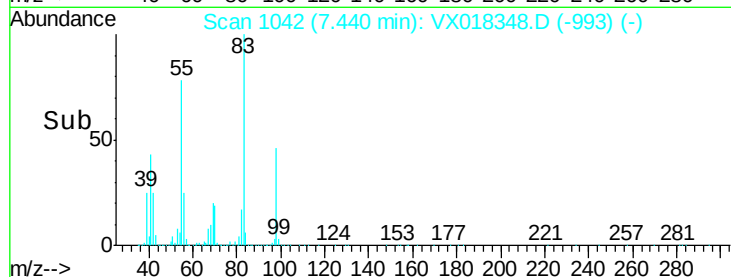
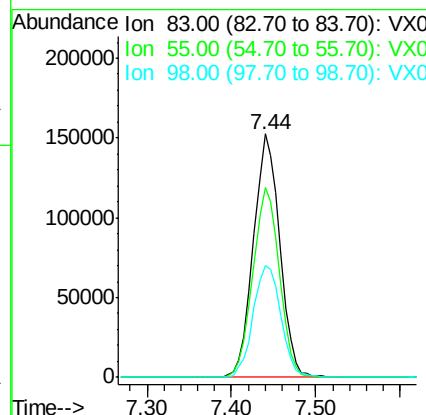
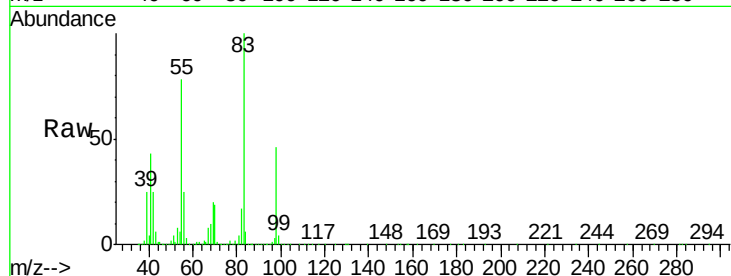
#39
Methylvlcyclohexane
Concen: 45.962 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.8	92.6
98	46.0	36.6	55.0

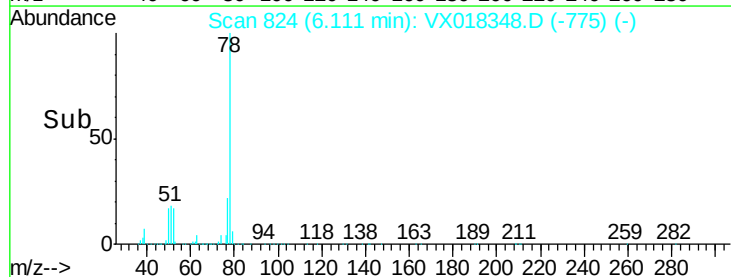
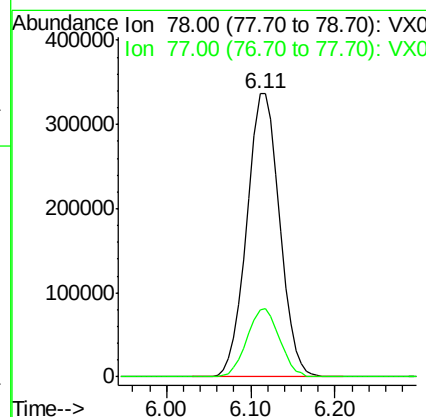
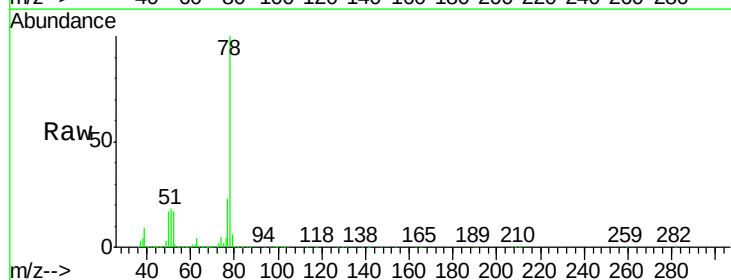
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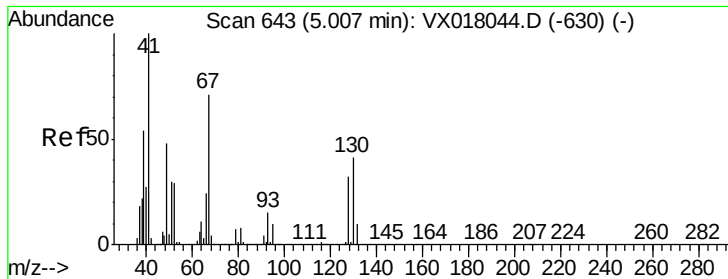
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#40
Benzene
Concen: 47.051 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.2





#41

Methacrylonitrile

Concen: 47.342 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

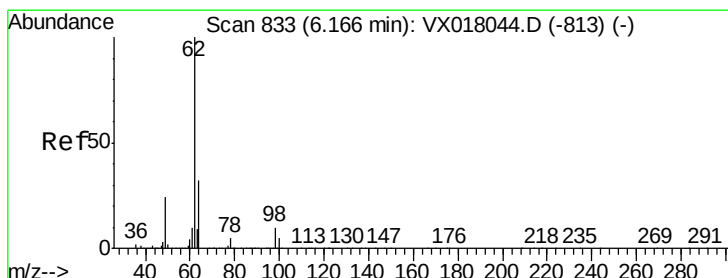
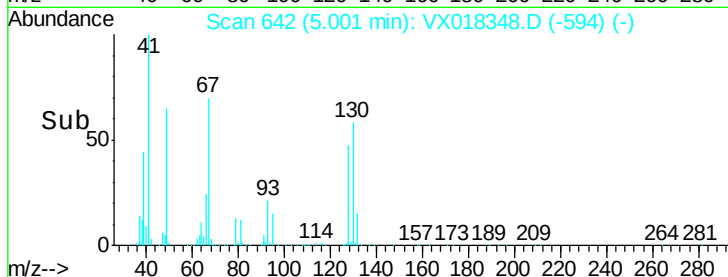
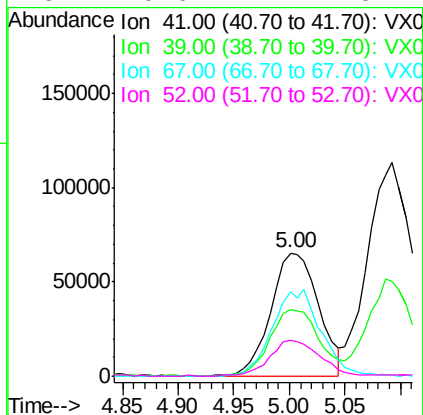
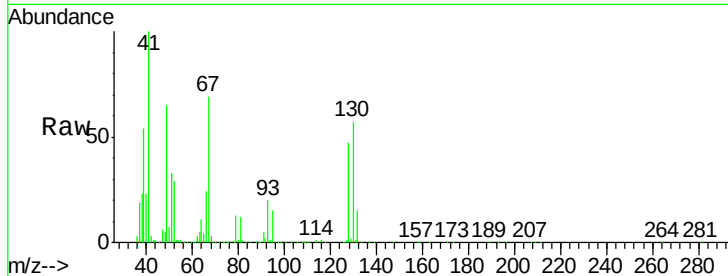
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.3	43.1	64.7	
67	71.4	56.0	84.0	
52	29.6	22.7	34.1	

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#42

1,2-Dichloroethane

Concen: 51.894 ug/l

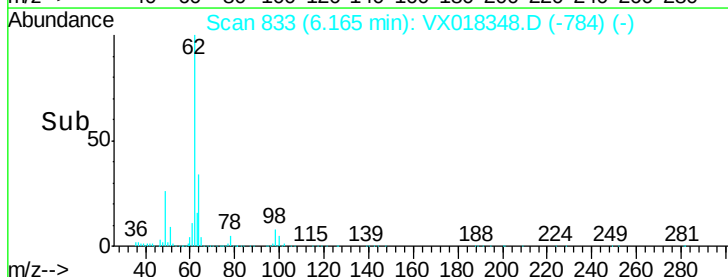
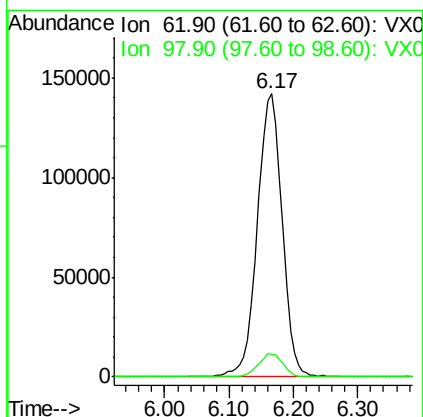
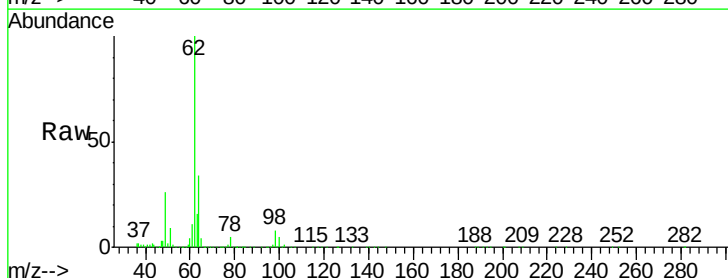
RT: 6.17 min Scan# 833

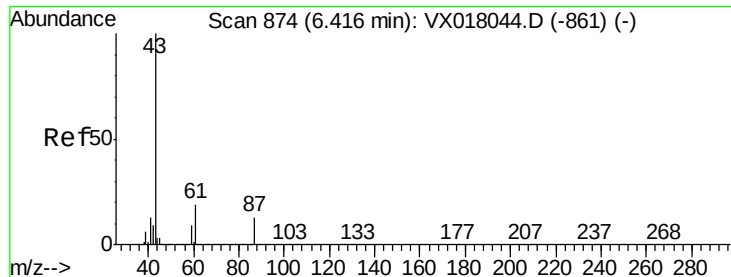
Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	18.2	





#43

Isopropyl Acetate

Concen: 48.536 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

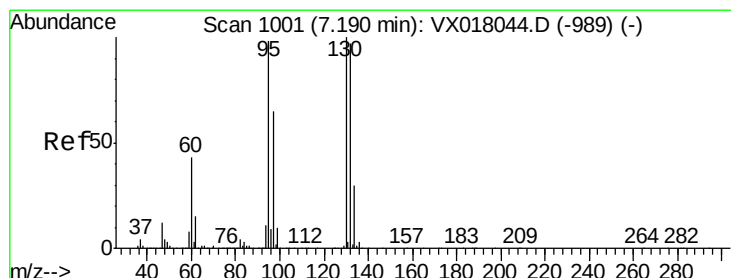
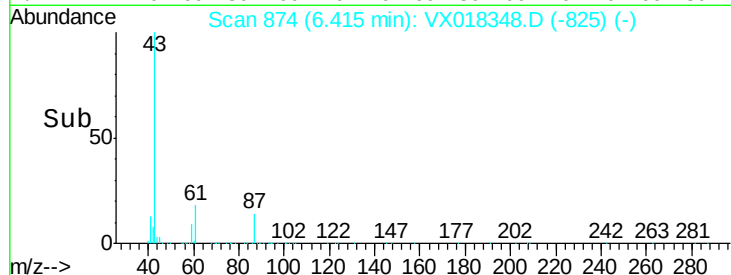
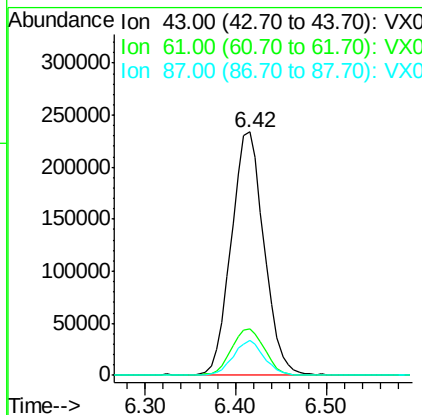
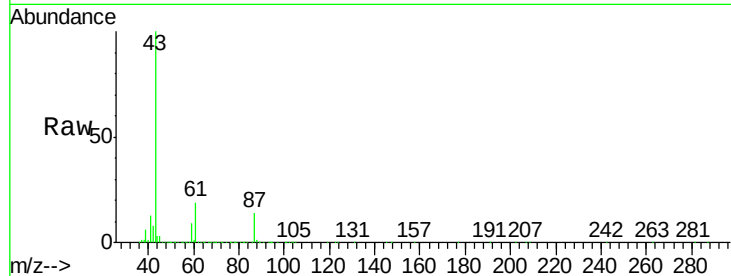
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	584791
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.7	23.5
87	13.5	10.3	15.5

Manual Integrations
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9/11/2020 10:13:50 AM



#44

Trichloroethene

Concen: 48.177 ug/l

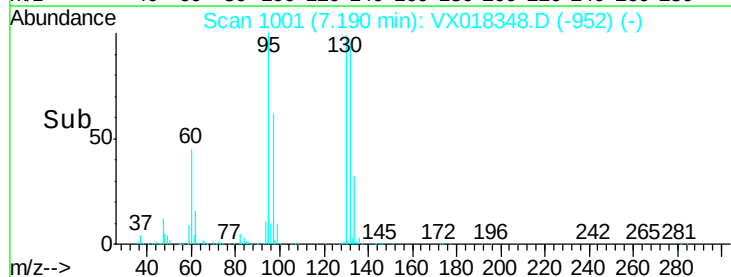
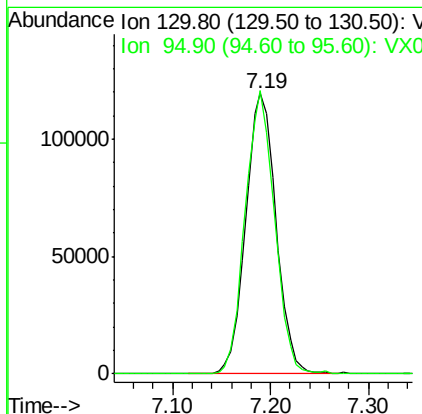
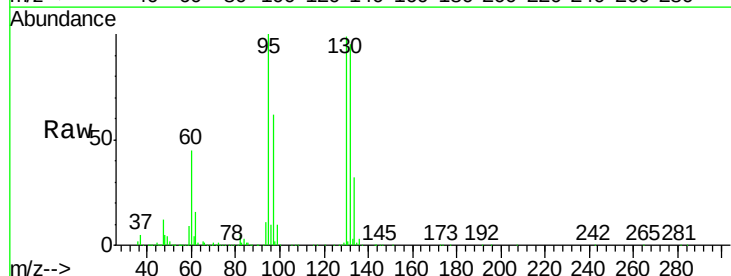
RT: 7.19 min Scan# 1001

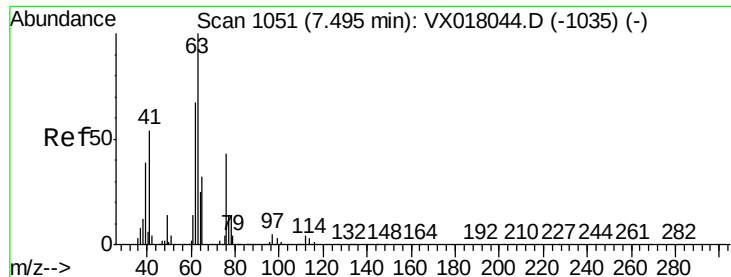
Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion:	130	Resp:	256912
Ion	Ratio	Lower	Upper
130	100		
95	100.8	0.0	196.4





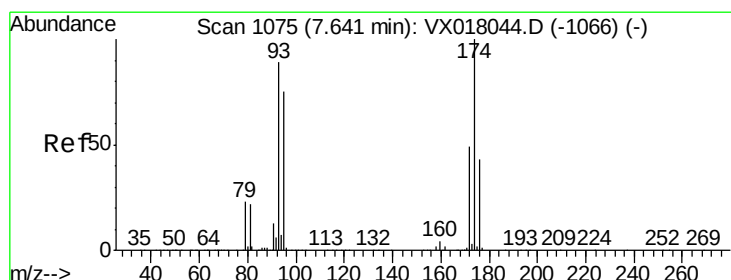
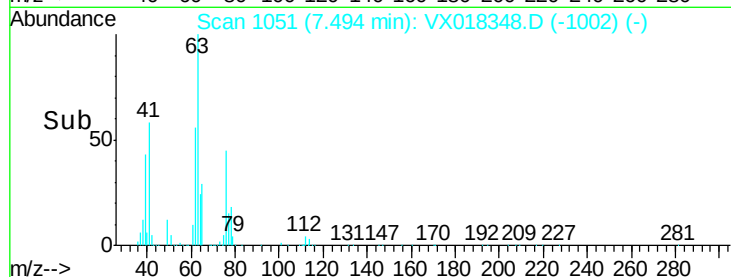
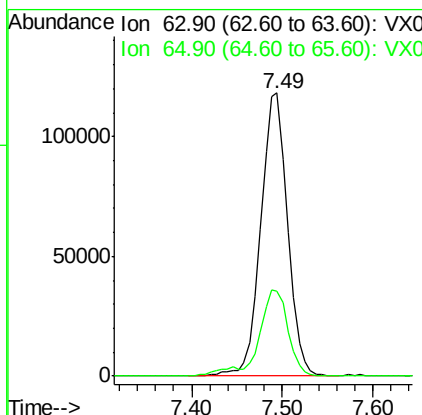
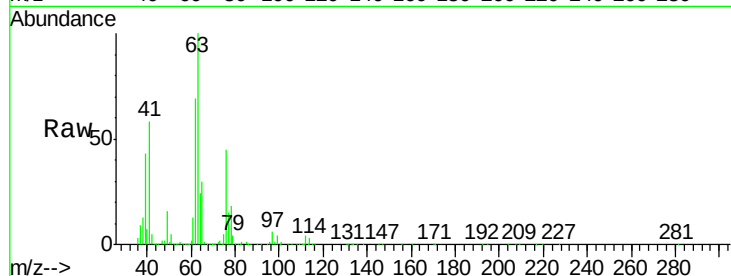
#45
 1,2-Dichloropropane
 Concen: 47.478 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	25.7	38.5

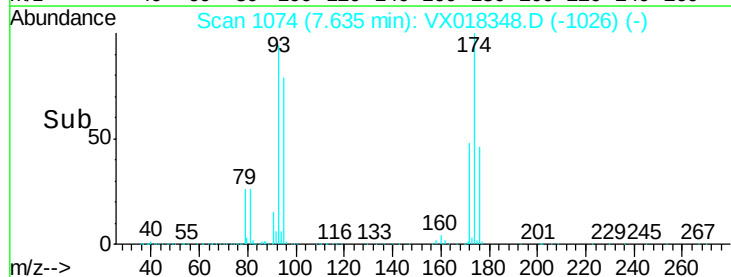
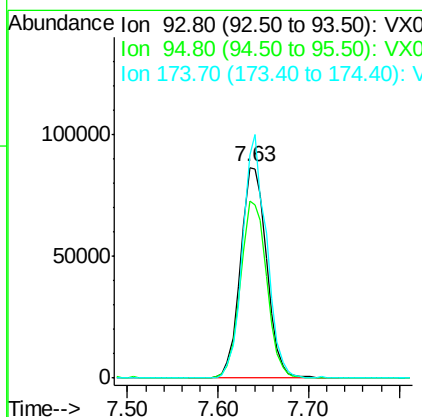
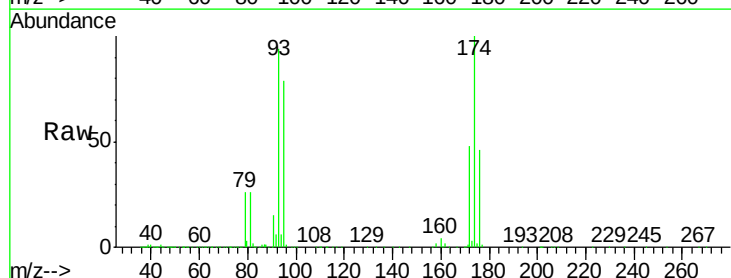
Manual Integrations
 APPROVED

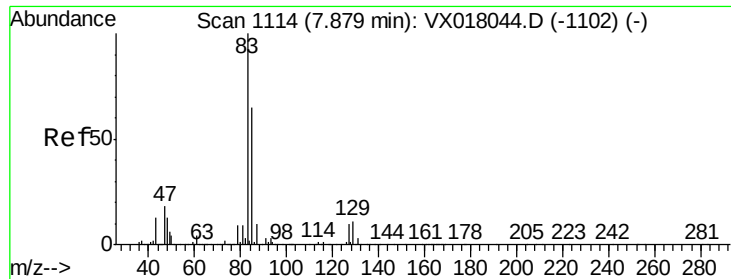
MMDadoda
 9/11/2020 10:13:50 AM



#46
 Dibromomethane
 Concen: 48.336 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.3	100.9
174	105.1	82.2	123.2





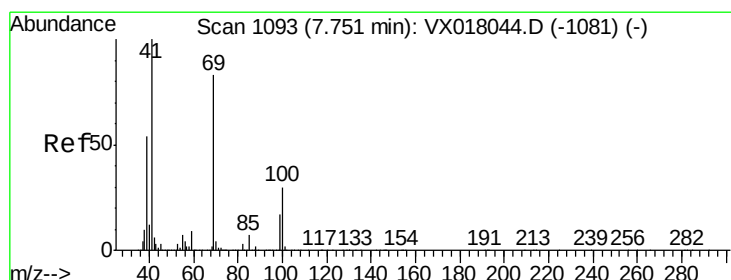
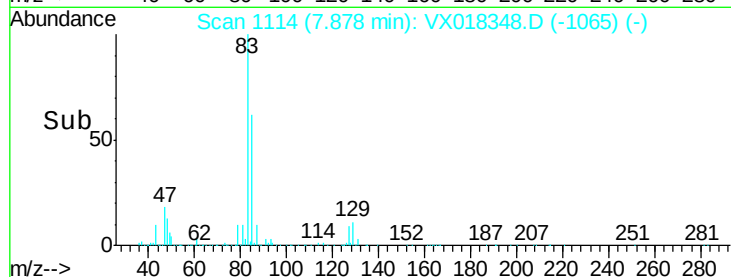
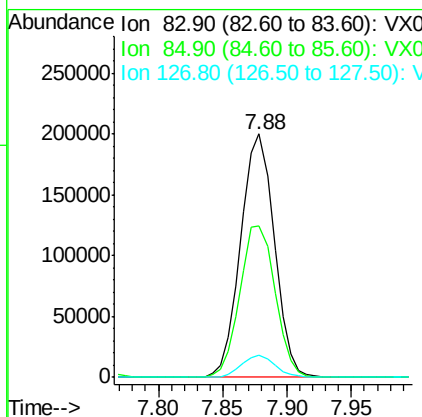
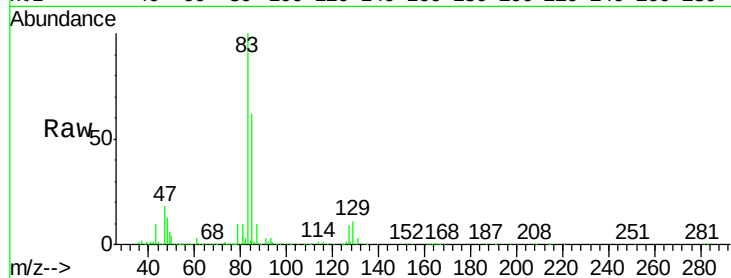
#47
Bromodichloromethane
Concen: 50.951 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	363895		
85	62.0		51.8	77.6
127	9.0		7.7	11.5

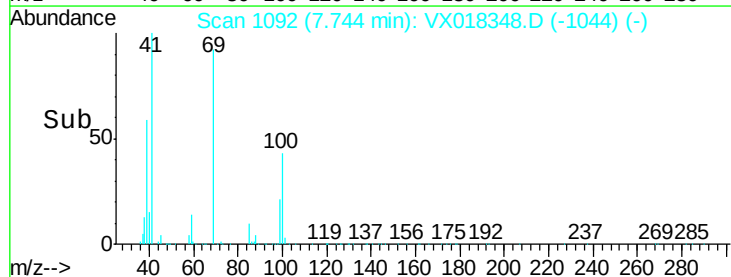
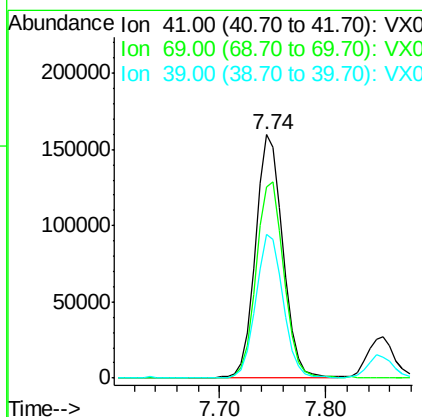
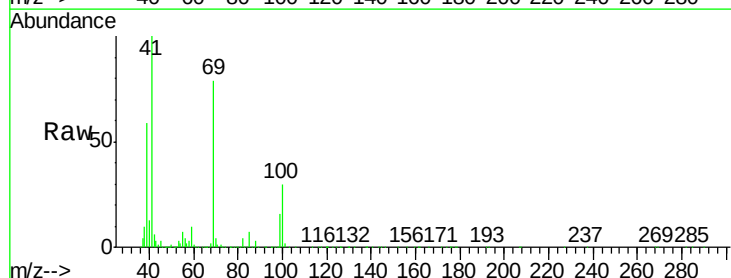
Manual Integrations
APPROVED

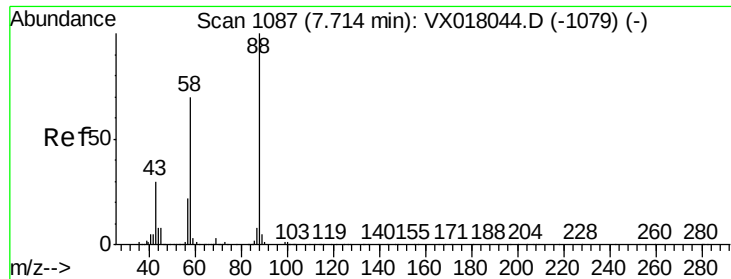
MMDadoda
9/11/2020 10:13:50 AM



#48
Methyl methacrylate
Concen: 47.870 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	287125		
69	82.2		65.5	98.3
39	59.1		44.5	66.7





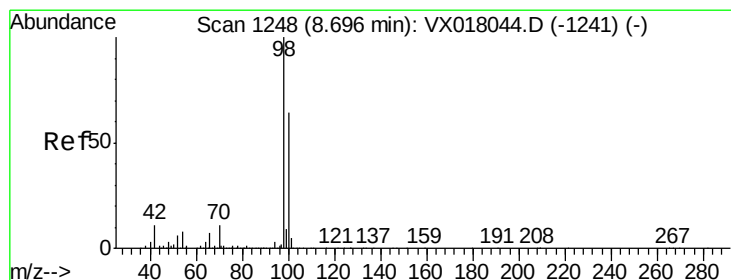
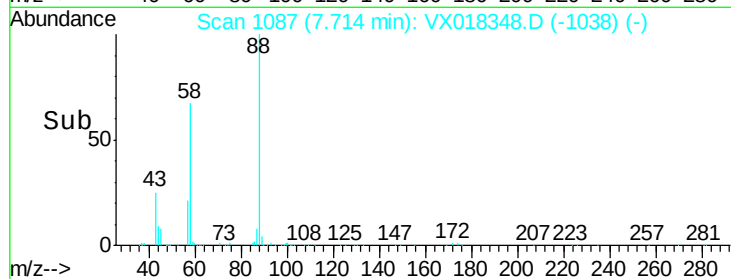
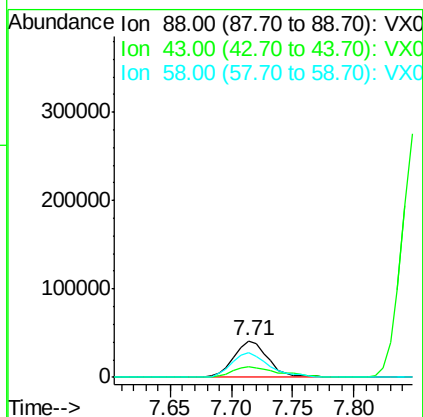
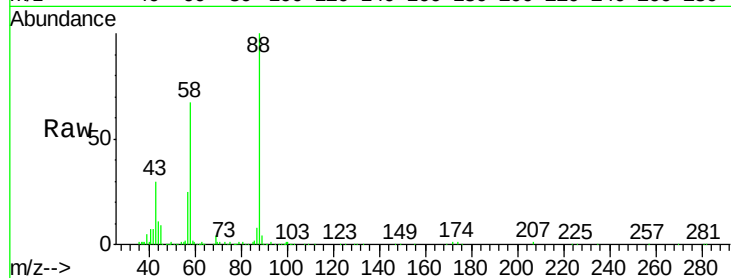
#49
1,4-Dioxane
Concen: 732.246 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	27.4	41.0
58	74.5	56.4	84.6

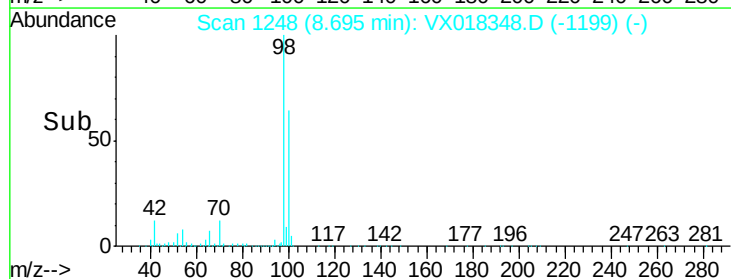
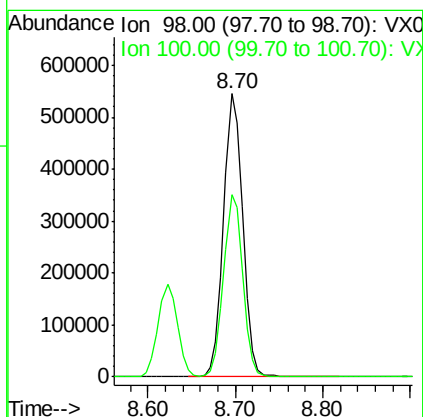
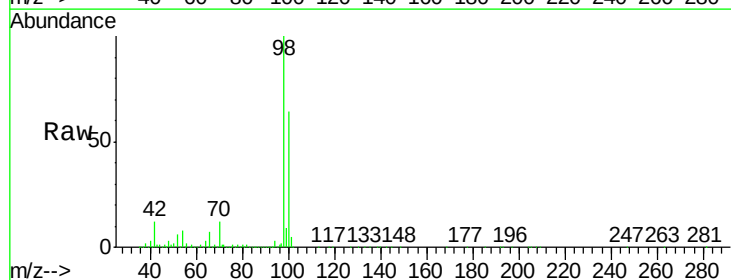
Manual Integrations
APPROVED

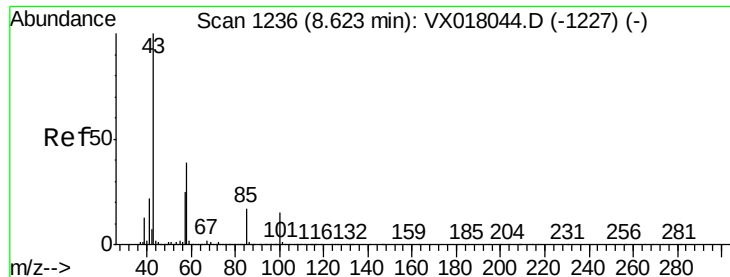
MMDadoda
9/11/2020 10:13:50 AM



#50
Toluene-d8
Concen: 47.018 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.2	78.4





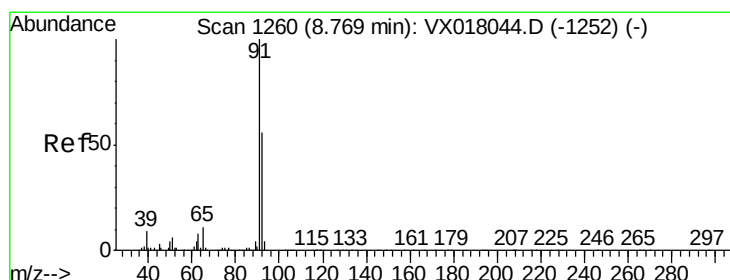
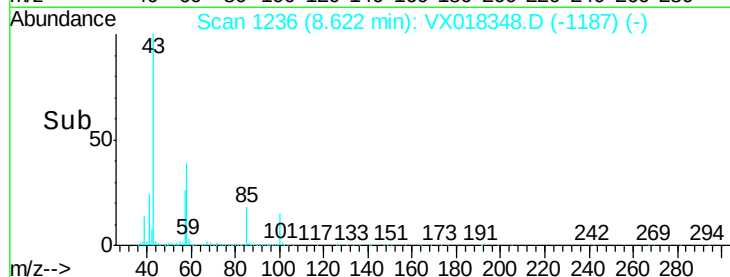
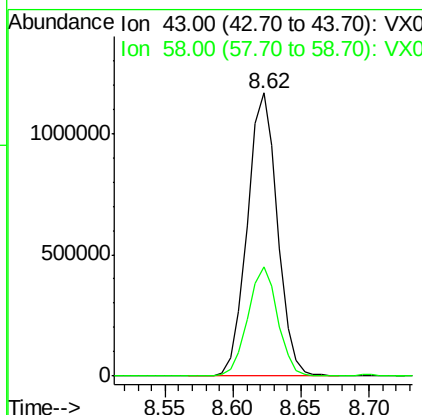
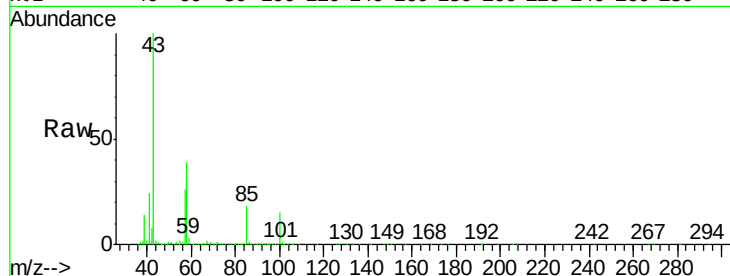
#51
4-Methyl-2-Pentanone
Concen: 243.578 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1812862
Ion Ratio Lower Upper
43 100
58 38.3 30.7 46.1

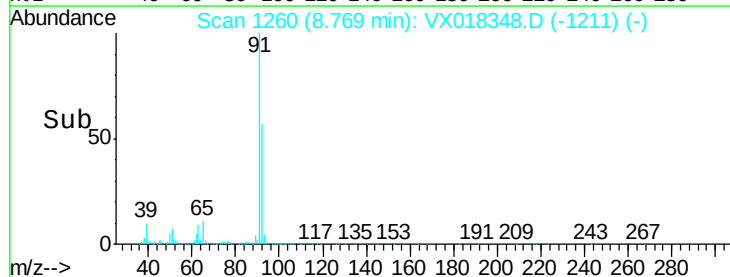
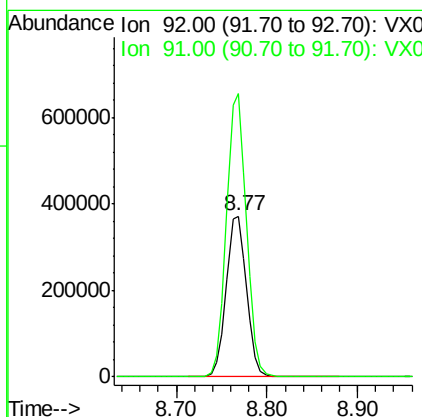
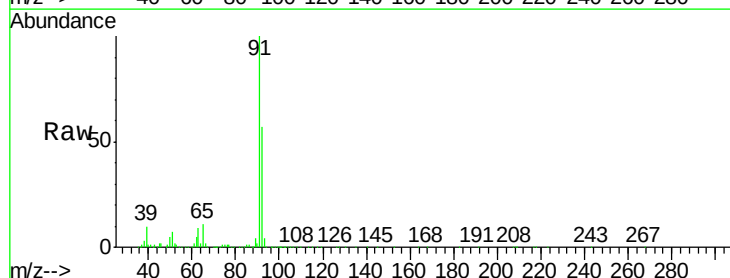
Manual Integrations
APPROVED

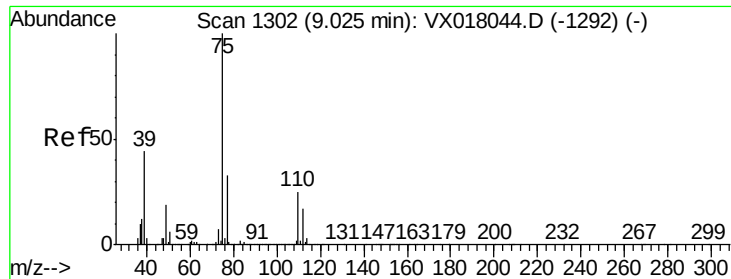
MMDadoda
9/11/2020 10:13:50 AM



#52
Toluene
Concen: 48.309 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion: 92 Resp: 578116
Ion Ratio Lower Upper
92 100
91 173.6 140.3 210.5





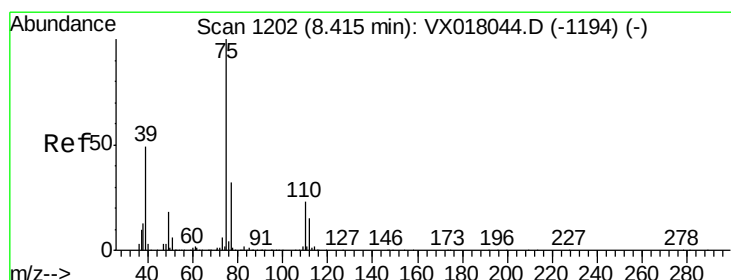
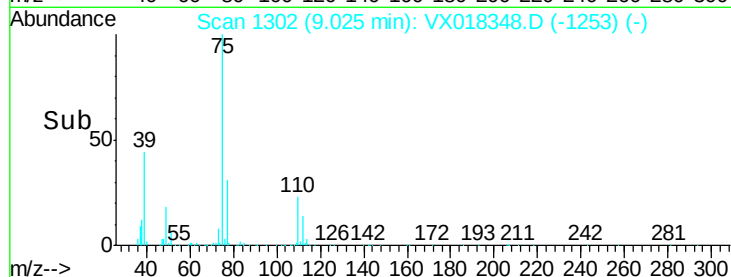
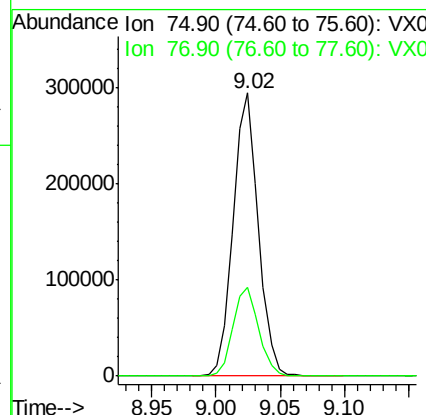
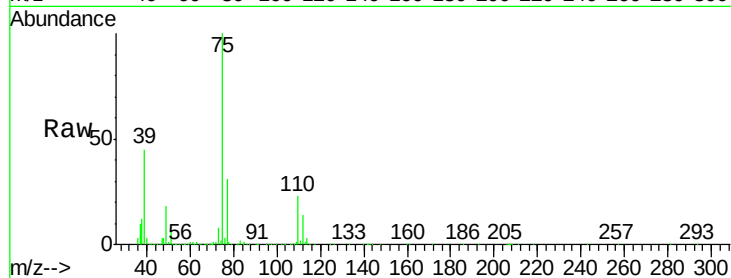
#53
t-1,3-Dichloropropene
Concen: 50.890 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.6	39.8

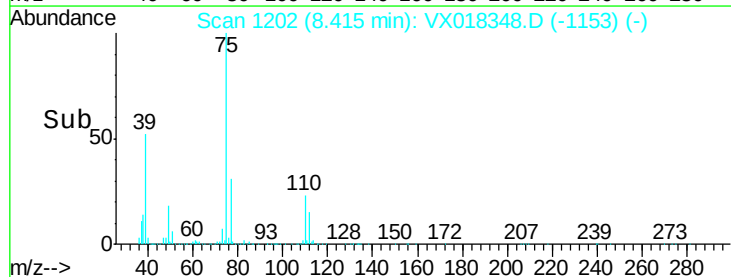
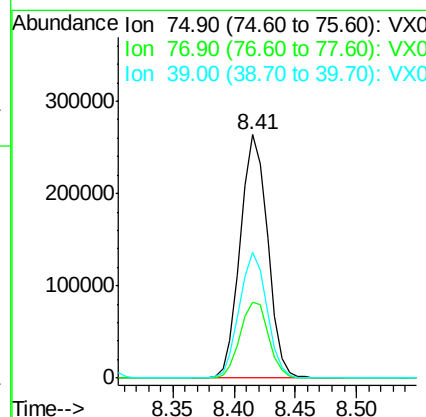
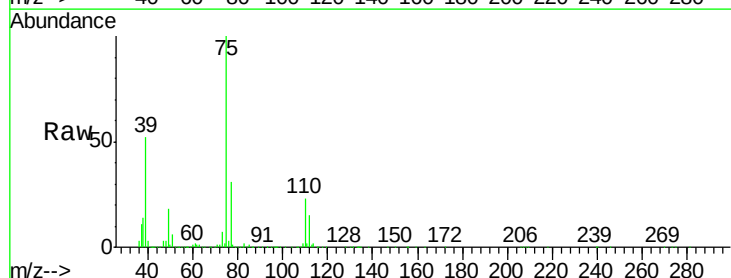
Manual Integrations
APPROVED

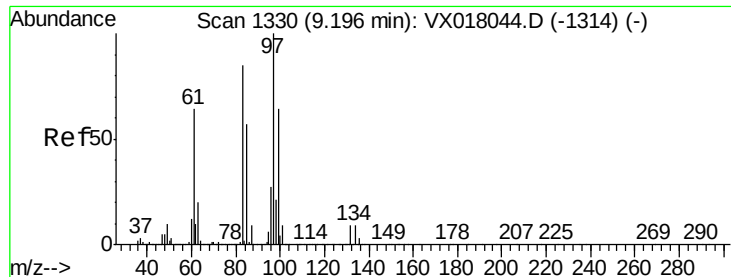
MMDadoda
9/11/2020 10:13:50 AM



#54
cis-1,3-Dichloropropene
Concen: 48.742 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.8	38.8
39	51.8	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 48.554 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

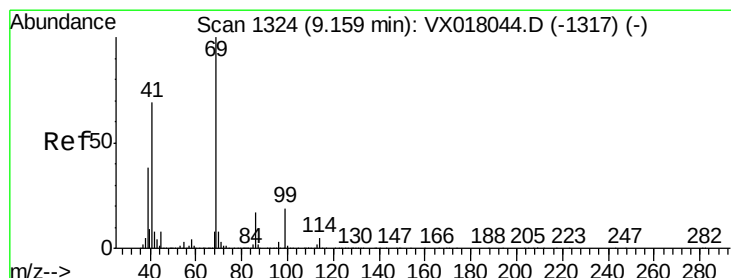
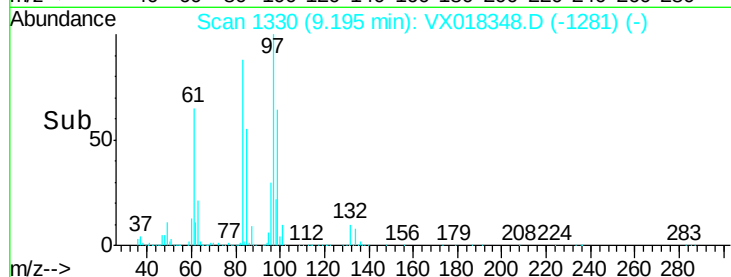
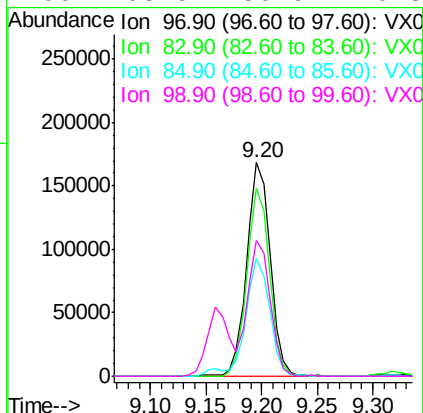
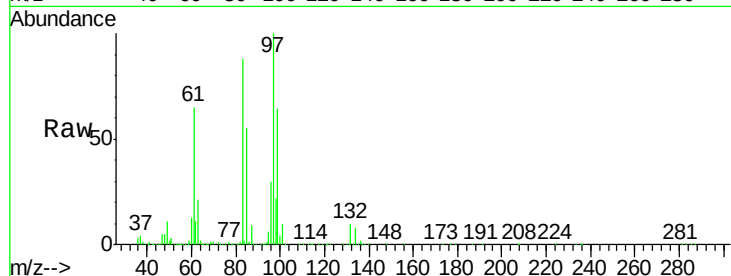
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		247816		
83	88.3	67.8	101.6		
85	54.8	45.3	67.9		
99	63.5	50.9	76.3		

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.672 ug/l

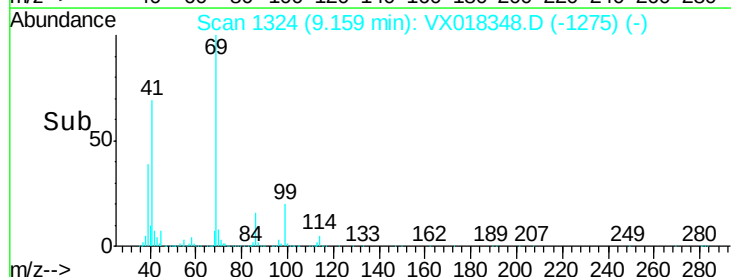
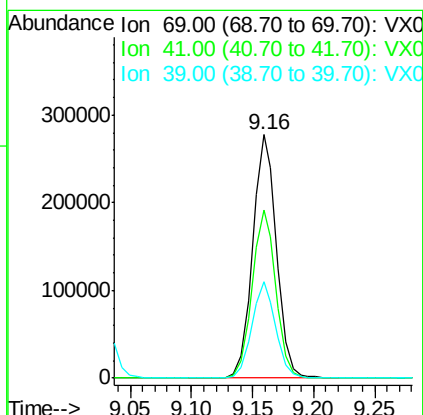
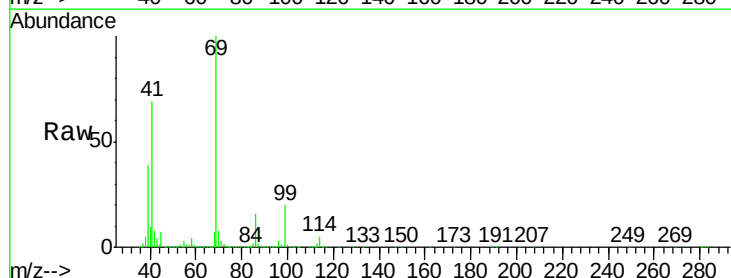
RT: 9.16 min Scan# 1324

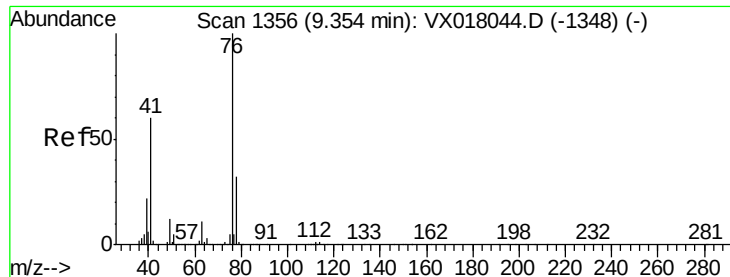
Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		376882		
41	69.1	54.6	81.8		
39	39.3	29.1	43.7		





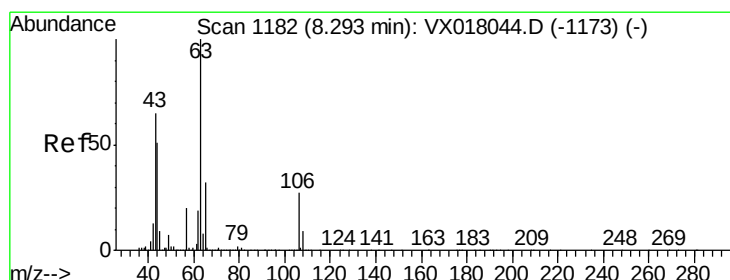
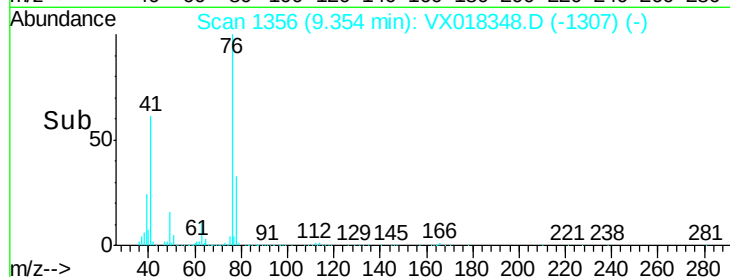
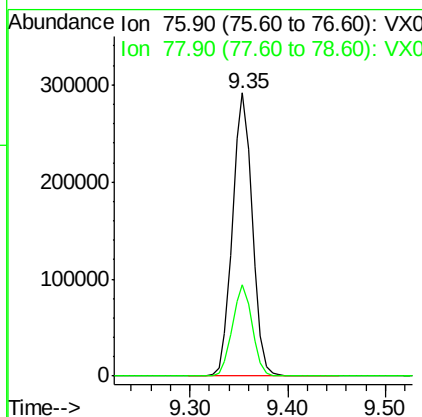
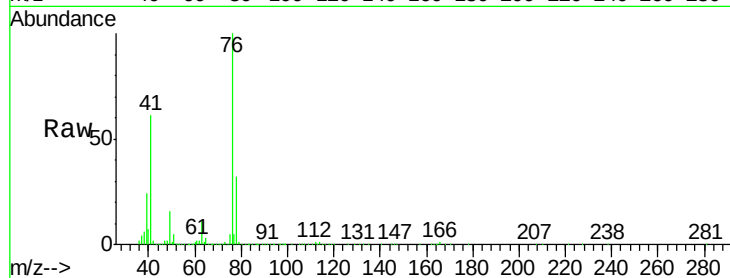
#57
 1,3-Dichloropropane
 Concen: 48.709 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	25.8	38.6

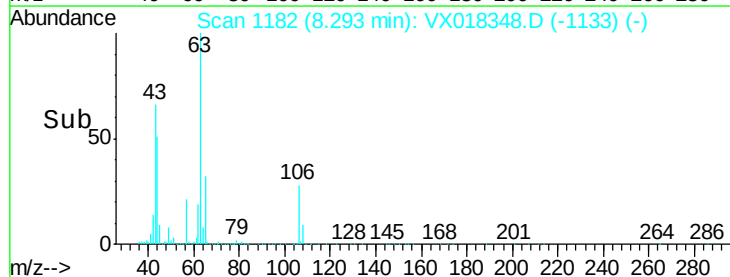
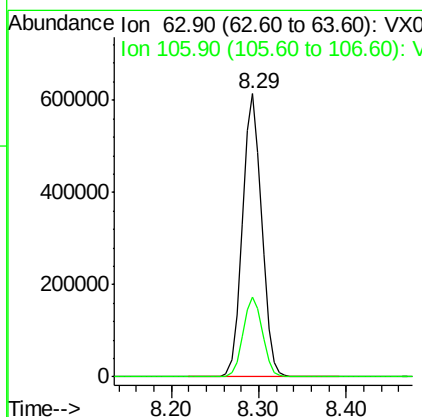
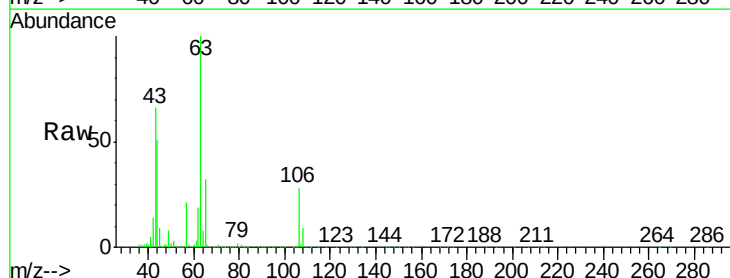
Manual Integrations
 APPROVED

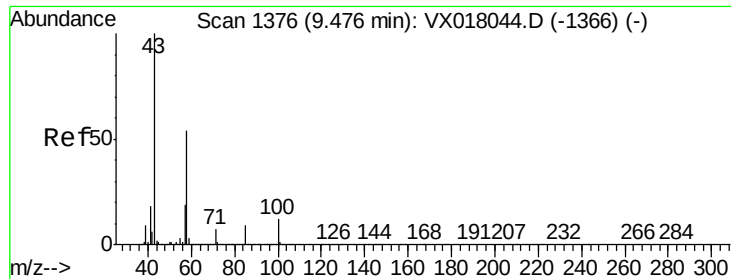
MMDadoda
 9/11/2020 10:13:50 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 275.454 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.4	22.1	33.1





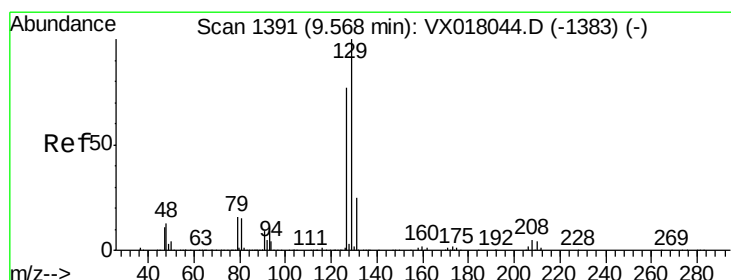
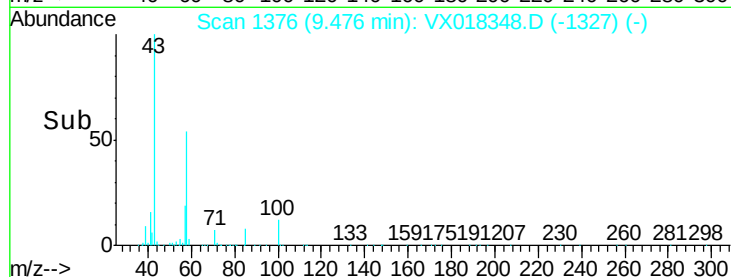
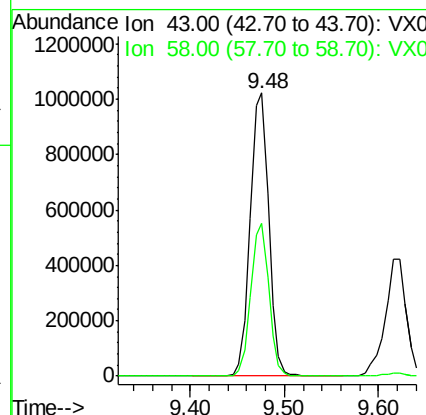
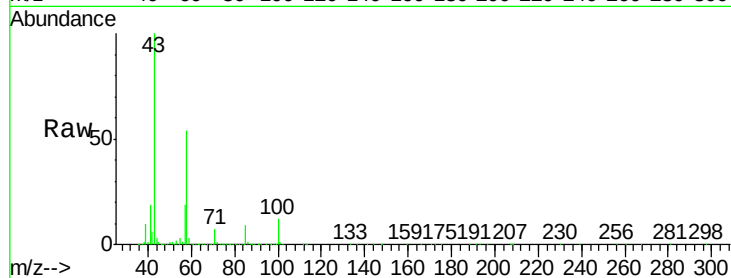
#59
2-Hexanone
Concen: 248.187 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1404558
Ion Ratio Lower Upper
43 100
58 52.8 26.6 79.7

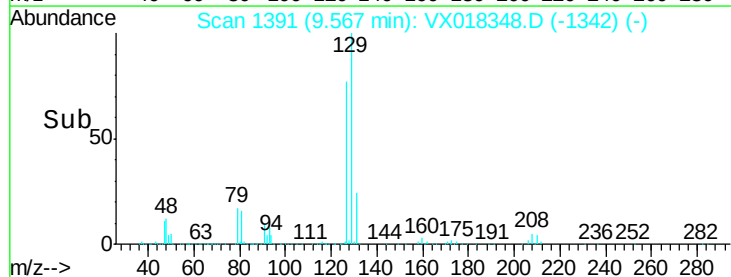
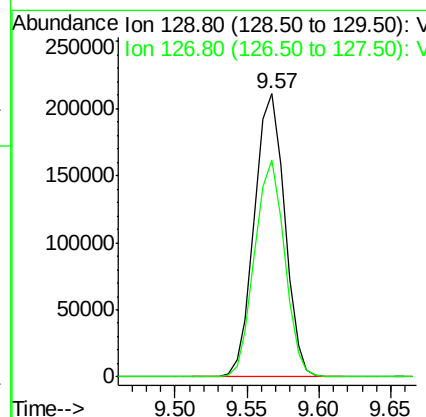
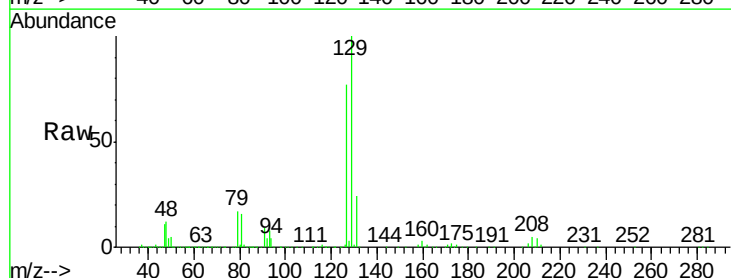
Manual Integrations
APPROVED

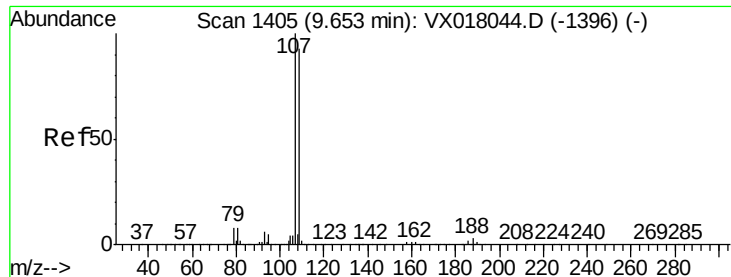
MMDadoda
9/11/2020 10:13:50 AM



#60
Dibromochloromethane
Concen: 51.369 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion: 129 Resp: 307565
Ion Ratio Lower Upper
129 100
127 75.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 48.012 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 266039

Ion Ratio Lower Upper

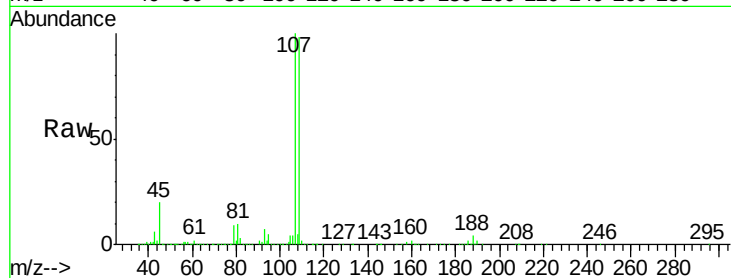
107 100

109 94.5 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

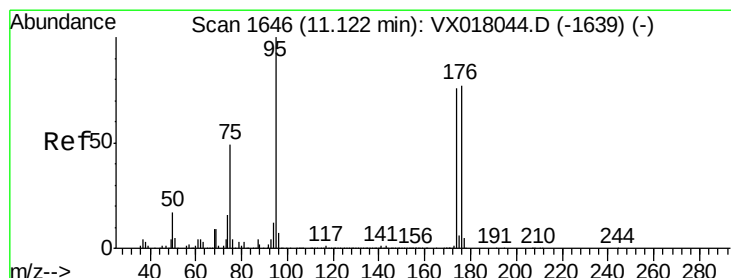
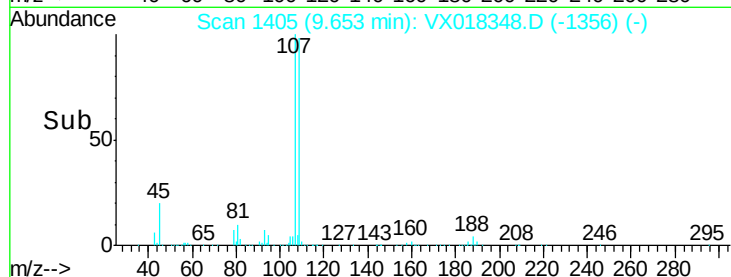
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 50.288 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

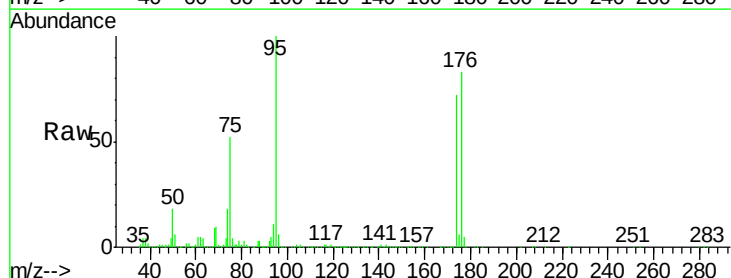
Tgt Ion: 95 Resp: 349481

Ion Ratio Lower Upper

95 100

174 76.9 0.0 160.2

176 78.1 0.0 155.8



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

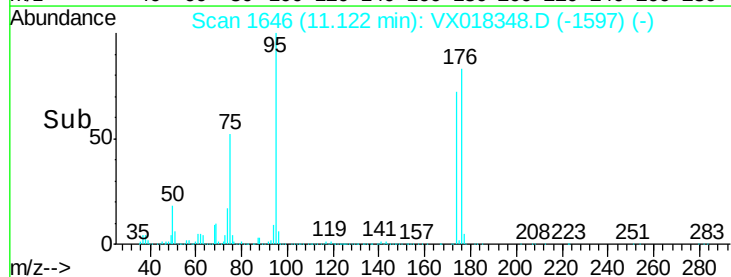
300000

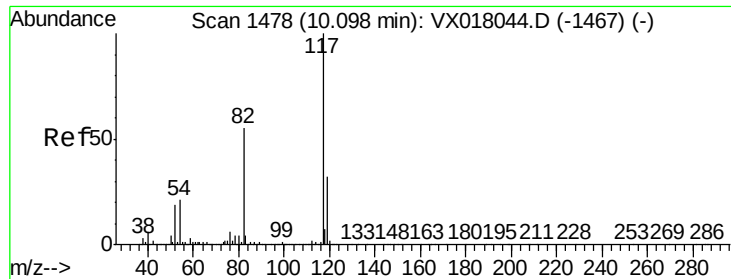
200000

100000

0

Time--> 11.00 11.10 11.20





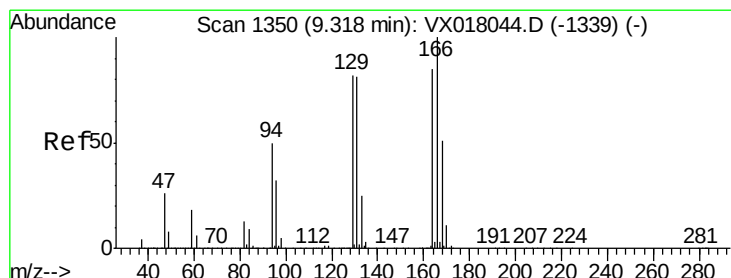
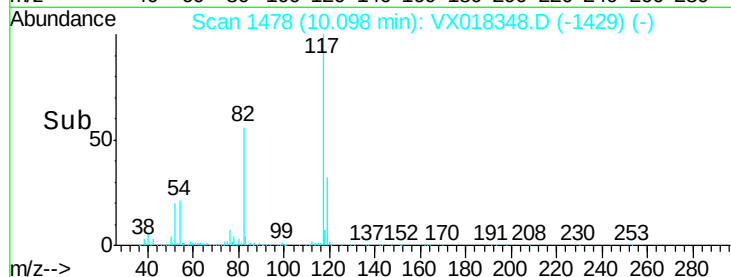
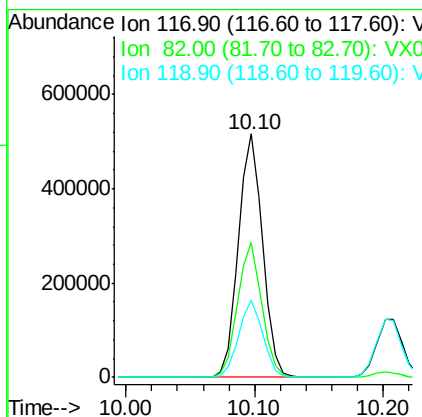
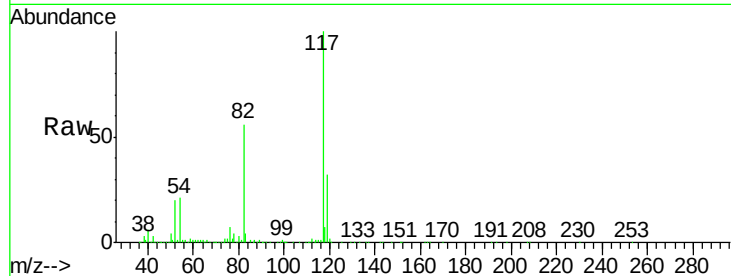
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	674254		
82	55.5	44.2	66.2	
119	31.5	25.7	38.5	

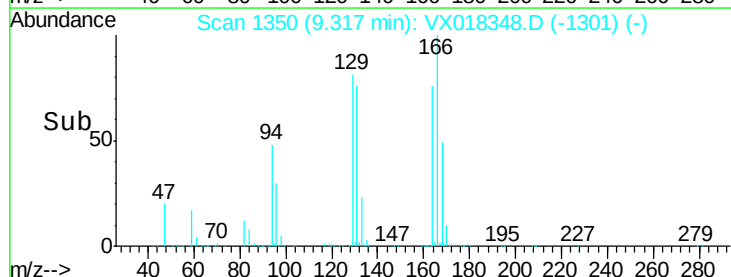
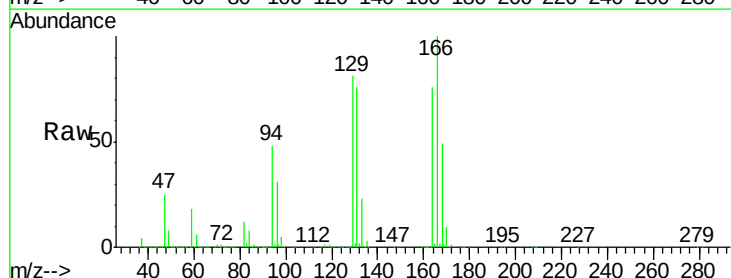
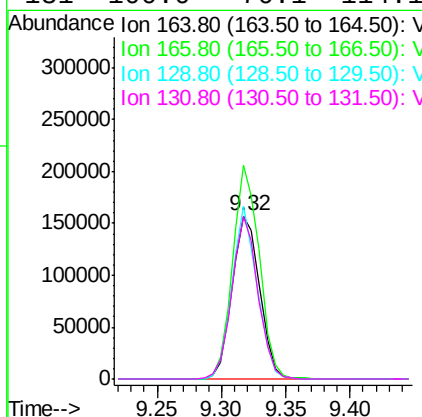
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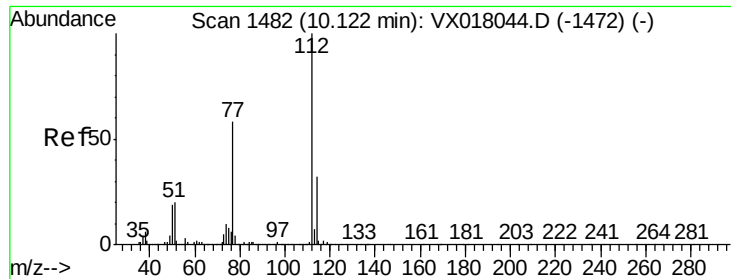
MMDadoda
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#64
Tetrachloroethene
Concen: 47.406 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	234887		
166	131.0	94.2	141.2	
129	106.3	76.9	115.3	
131	100.0	76.1	114.1	





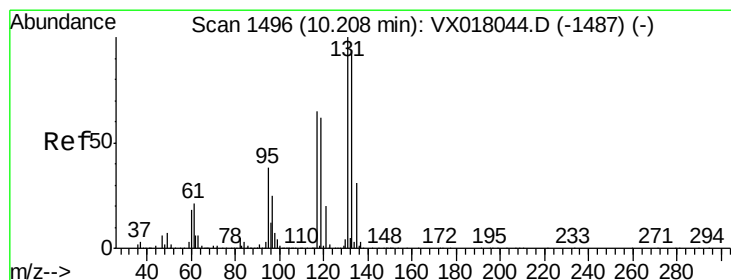
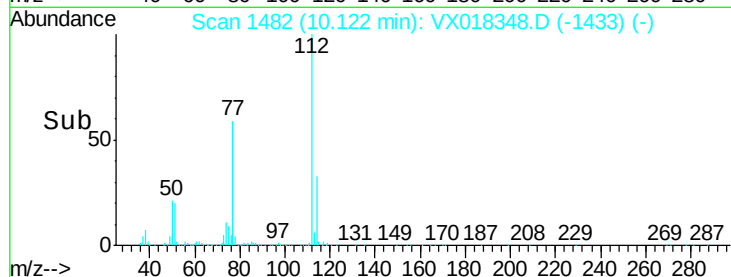
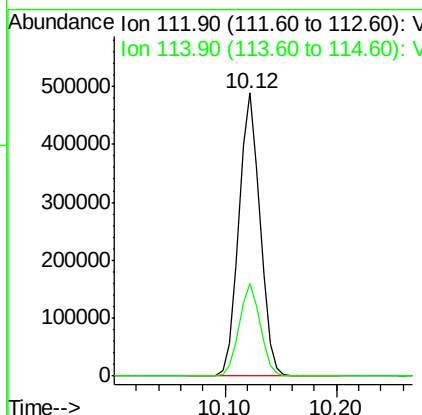
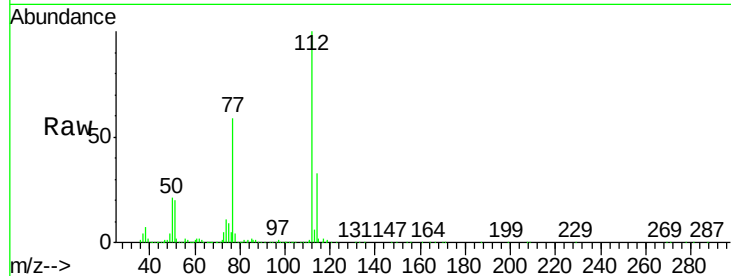
#65
Chlorobenzene
Concen: 47.850 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 644360
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5

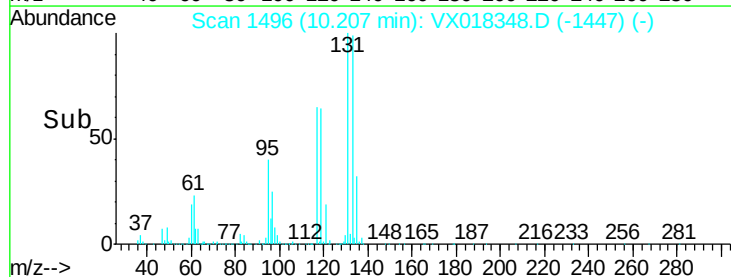
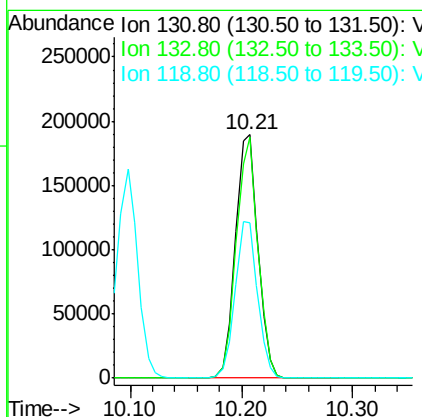
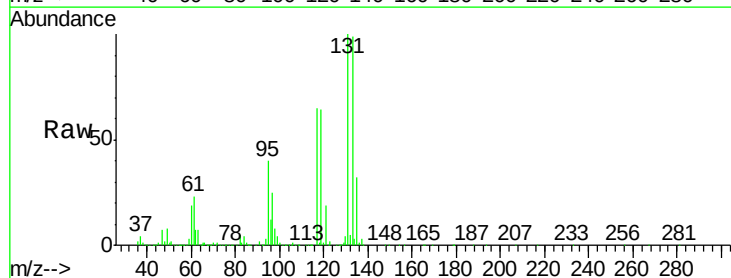
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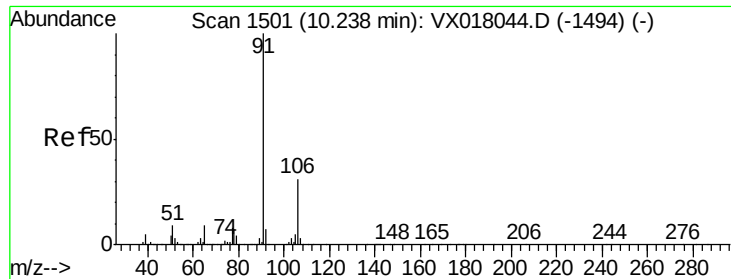
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.950 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion:131 Resp: 265111
Ion Ratio Lower Upper
131 100
133 95.4 46.7 140.1
119 64.1 31.8 95.4





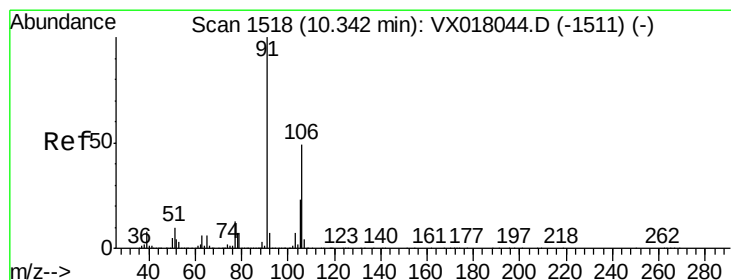
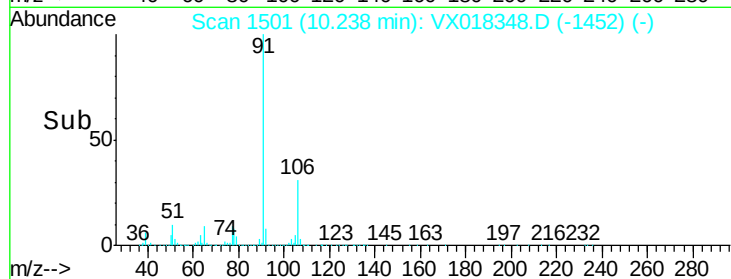
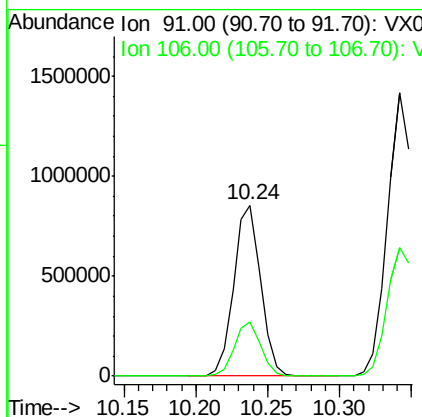
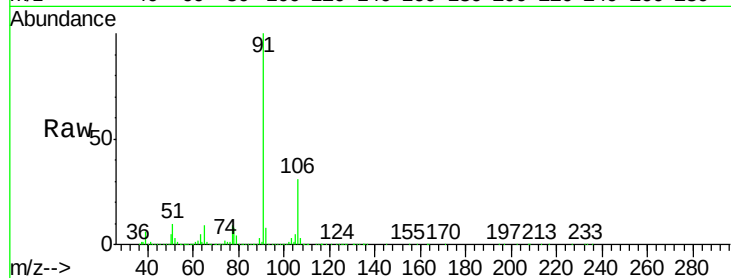
#67
Ethyl Benzene
Concen: 48.999 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1122108
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

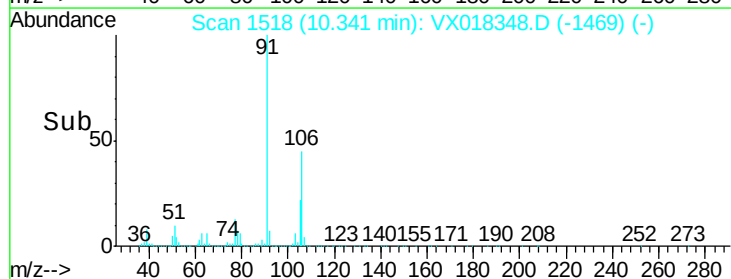
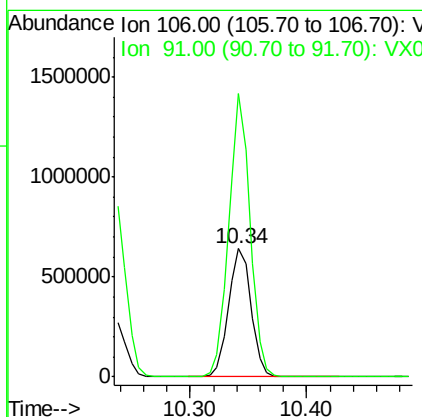
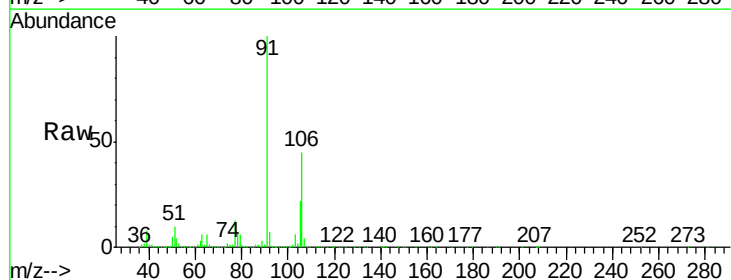
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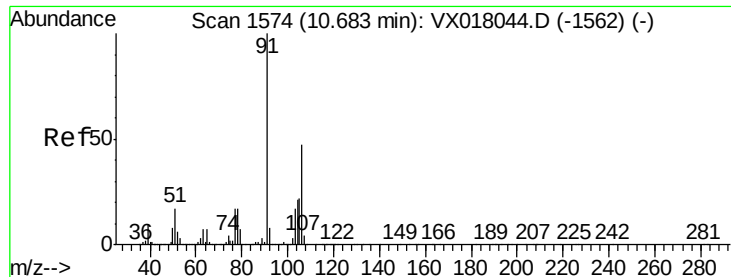
MMDadoda
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#68
m/p-Xylenes
Concen: 100.866 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion: 106 Resp: 862163
Ion Ratio Lower Upper
106 100
91 208.2 162.2 243.2





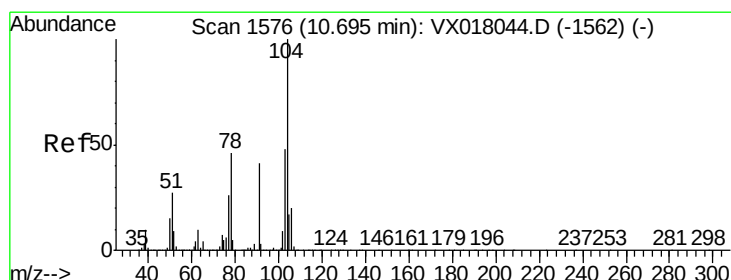
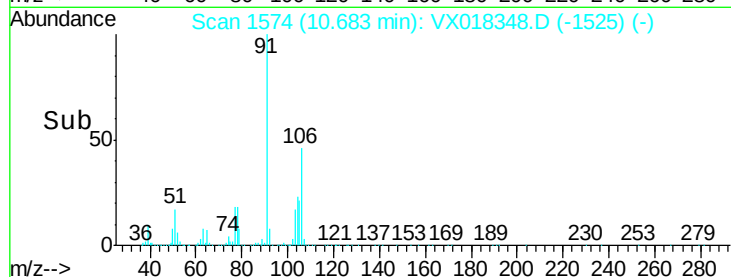
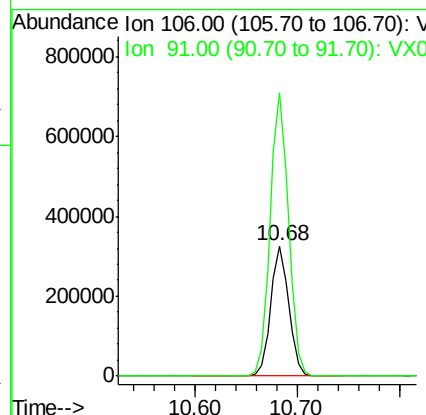
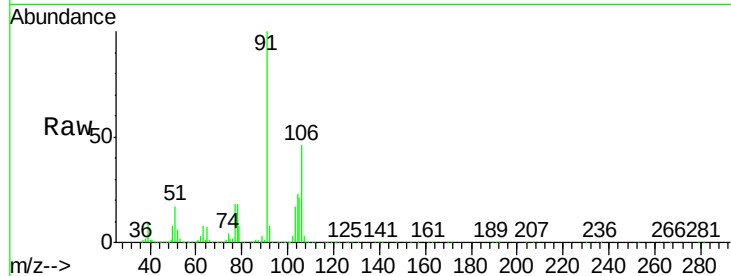
#69
o-Xylene
Concen: 48.711 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	220.6	107.1	321.3

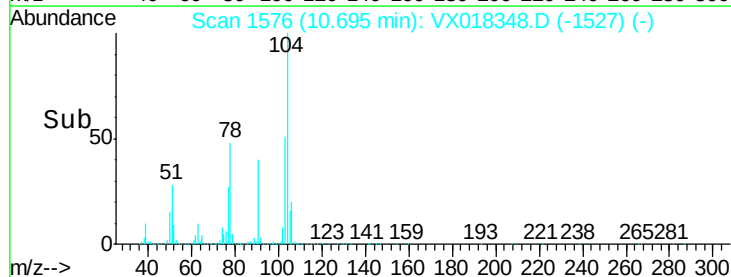
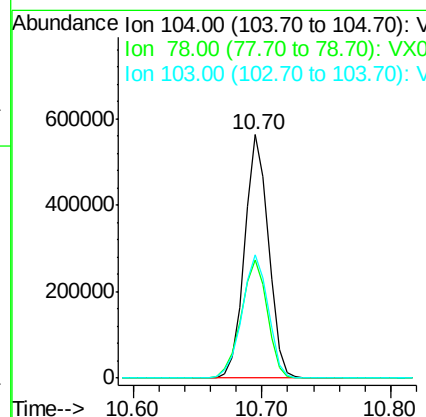
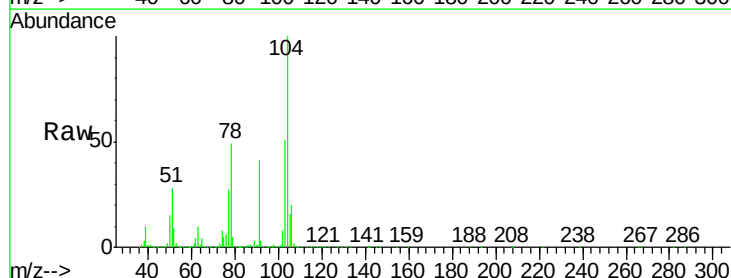
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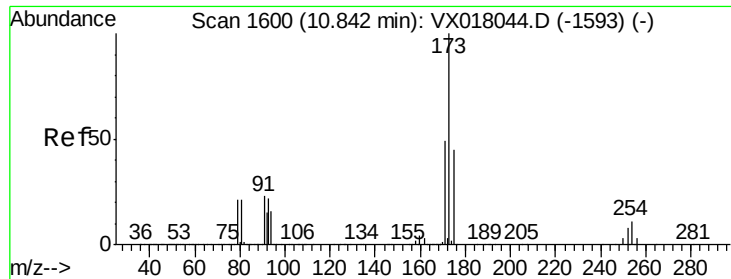
MMDadoda
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#70
Styrene
Concen: 51.050 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.6	40.9	61.3
103	55.8	43.6	65.4





#71

Bromoform

Concen: 53.472 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 242073

Ion Ratio Lower Upper

173 100

175 49.0 23.9 71.8

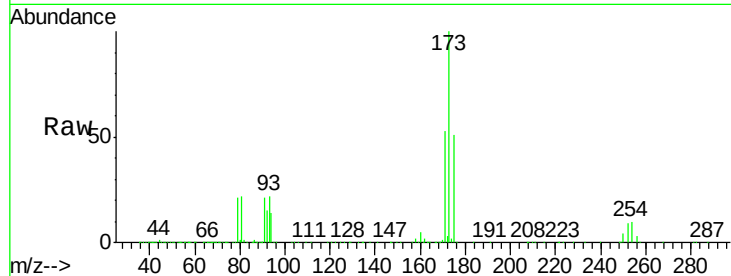
254 0.1 0.2 0.2#

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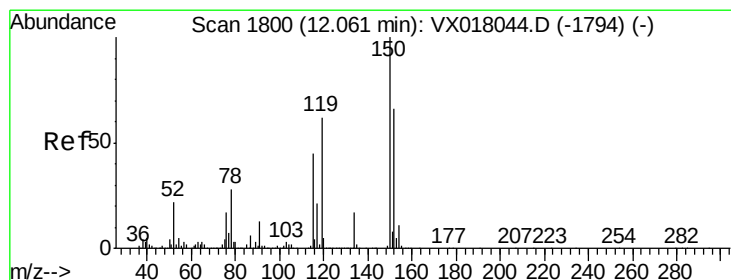
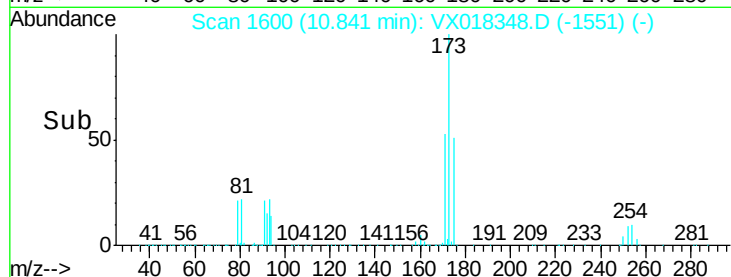
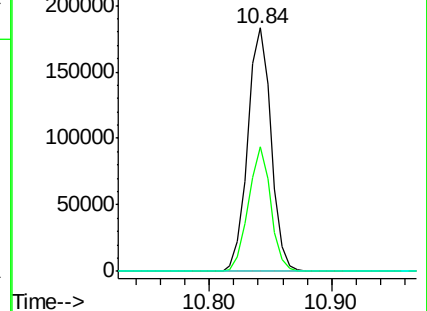
9/11/2020 10:13:50 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

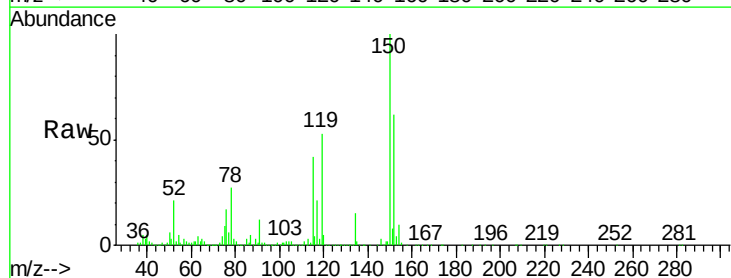
Tgt Ion:152 Resp: 356311

Ion Ratio Lower Upper

152 100

115 82.6 41.5 124.5

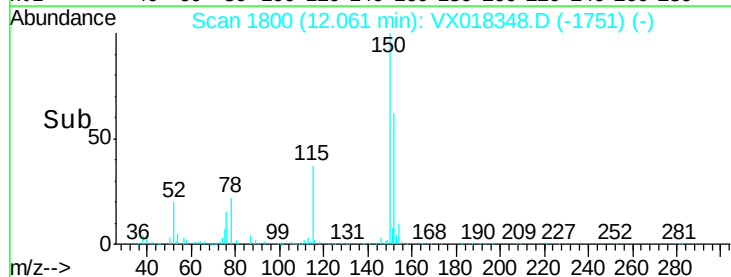
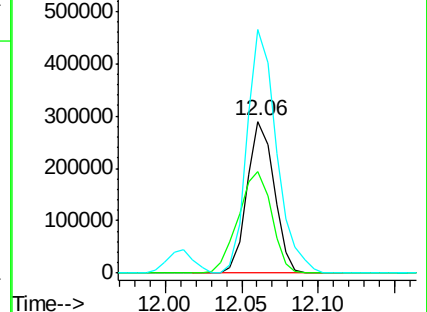
150 174.4 0.0 343.8

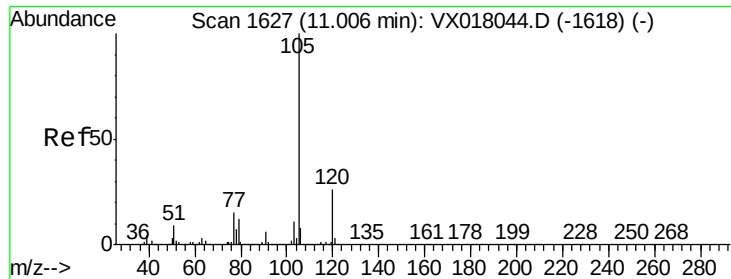


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.466 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1139076

Ion Ratio Lower Upper

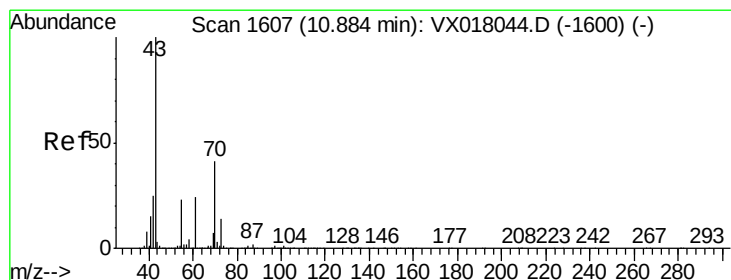
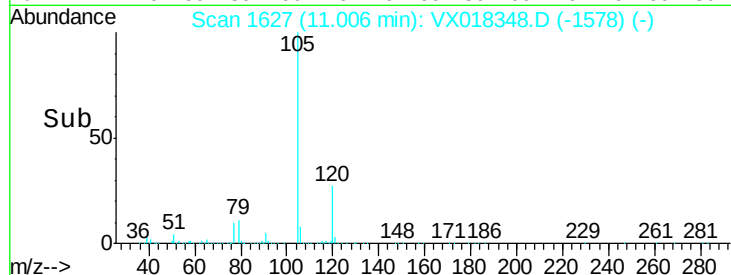
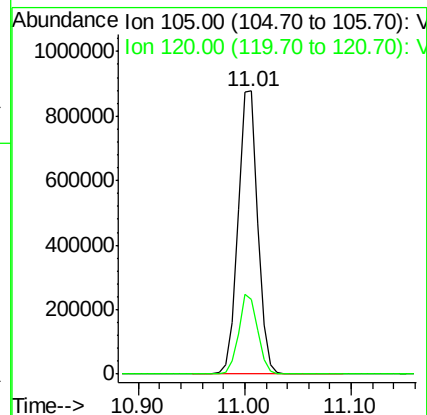
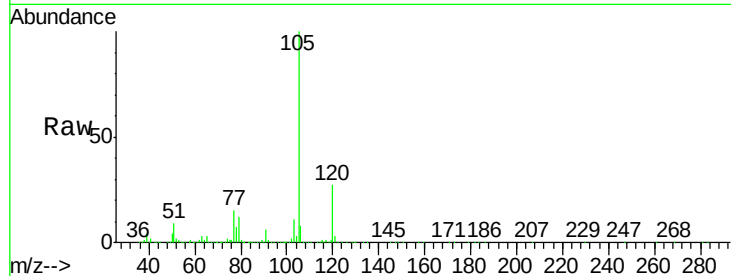
105 100

120 27.2 13.2 39.5

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#74

N-ethyl acetate

Concen: 47.388 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion: 43 Resp: 528434

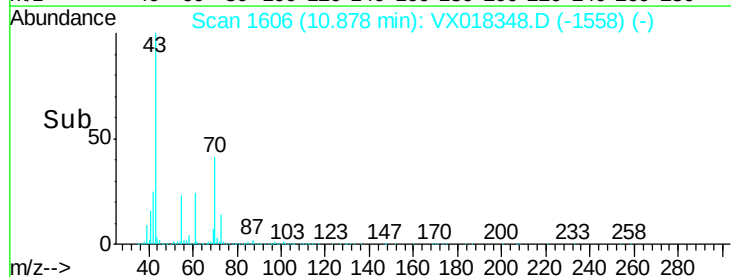
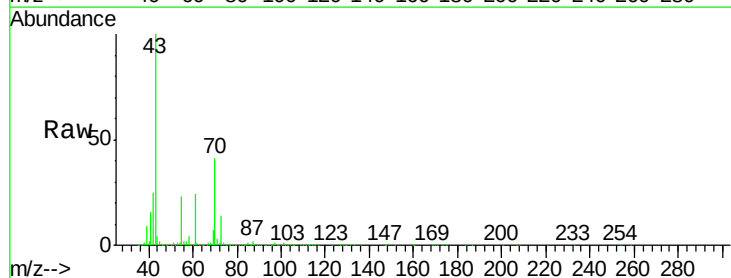
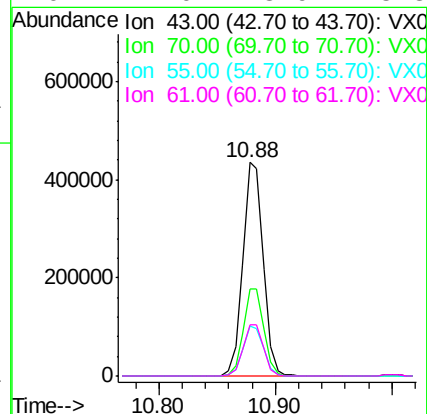
Ion Ratio Lower Upper

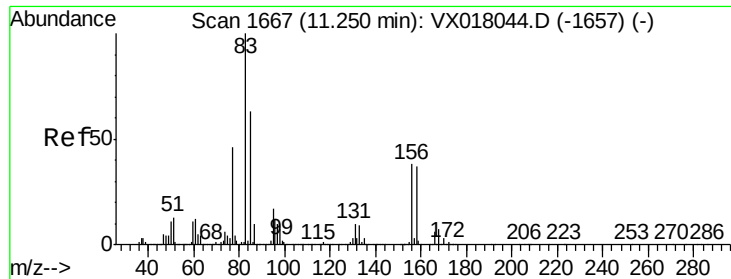
43 100

70 41.2 32.3 48.5

55 23.6 18.2 27.2

61 24.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 44.853 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 371871

Ion Ratio Lower Upper

83 100

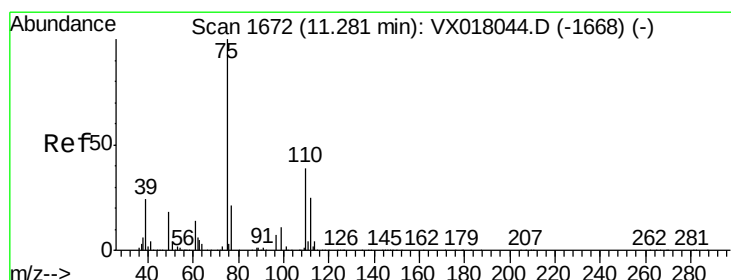
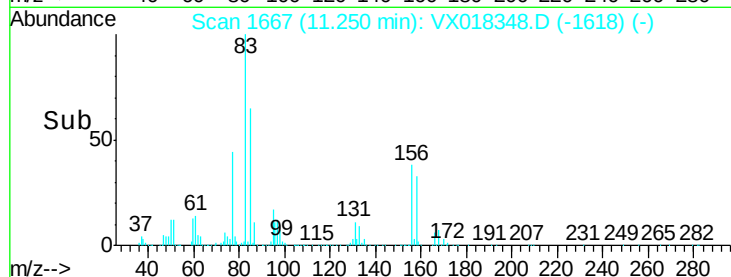
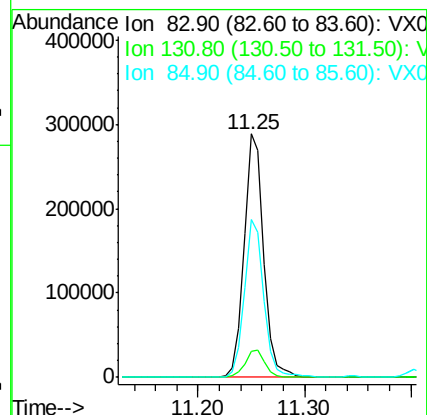
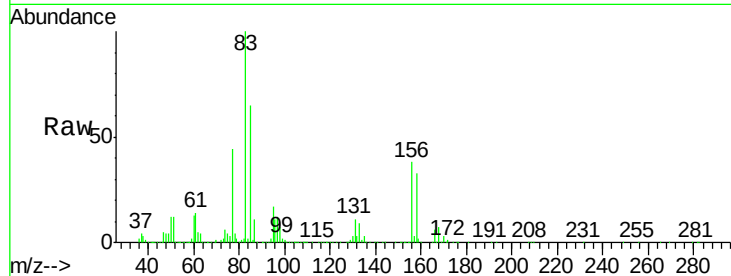
131 11.5 5.1 15.4

85 64.7 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 45.582 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018348.D

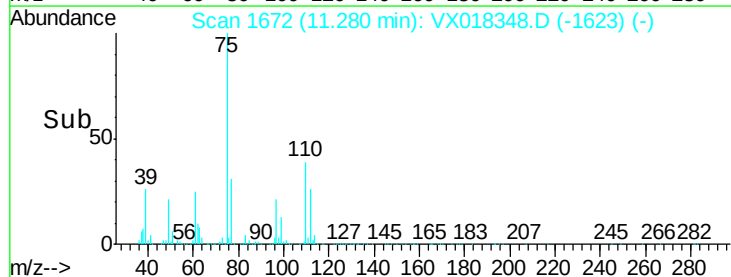
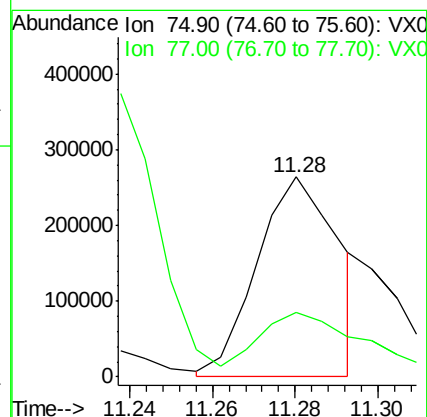
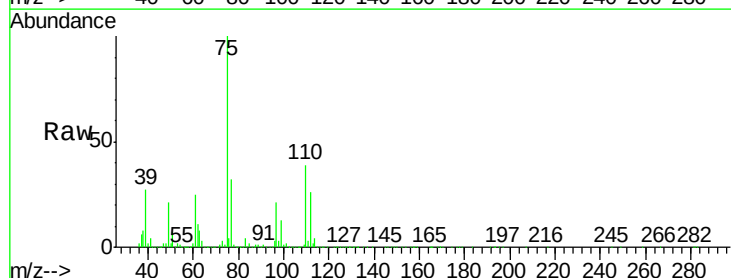
Acq: 10 Sep 2020 18:42

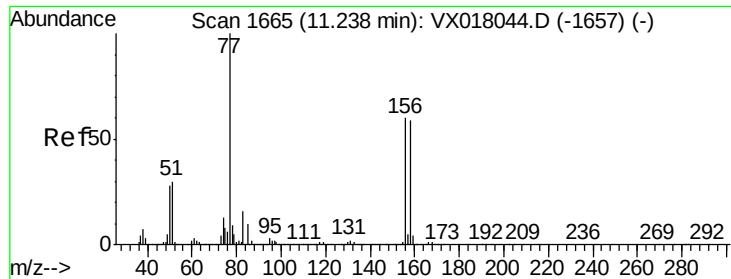
Tgt Ion: 75 Resp: 361297

Ion Ratio Lower Upper

75 100

77 42.0 20.8 62.2





#77

Bromobenzene

Concen: 46.965 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

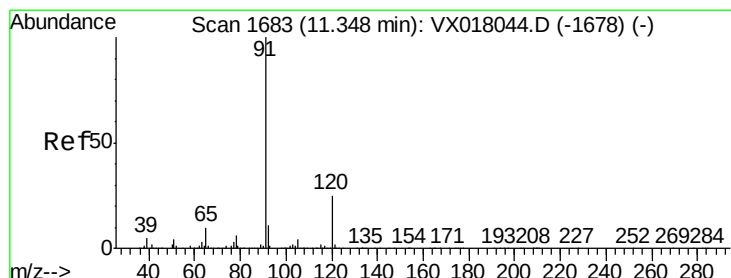
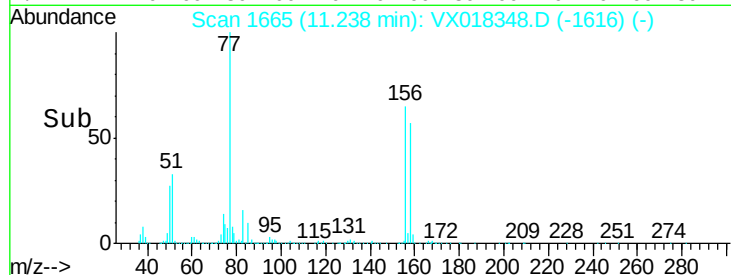
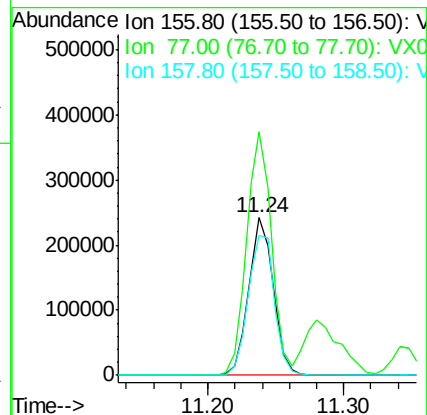
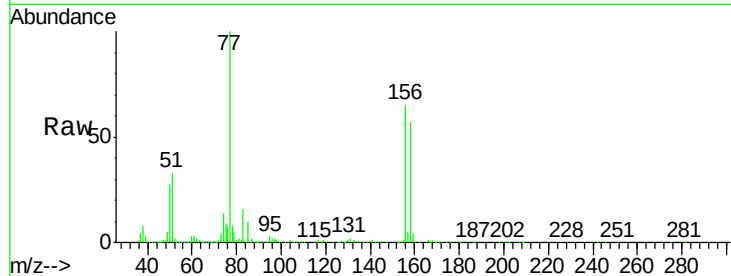
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	305112
Ion Ratio	Lower	Upper	
156	100		
77	156.1	80.0	240.2
158	94.9	49.5	148.7

Manual Integrations
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9/11/2020 10:13:50 AM



#78

n-propylbenzene

Concen: 48.604 ug/l

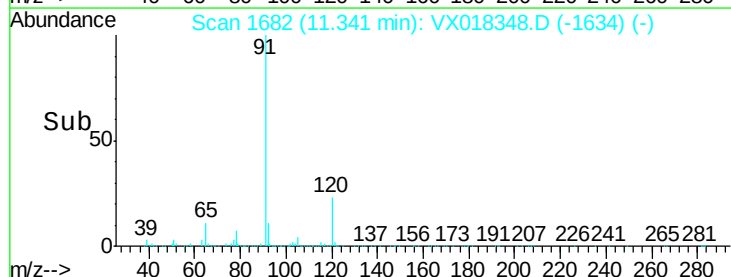
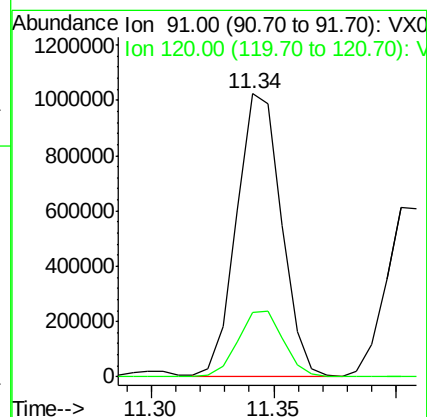
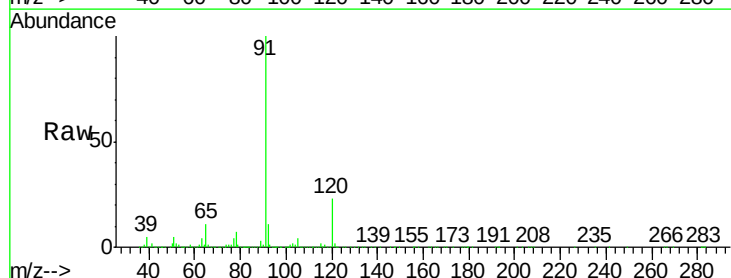
RT: 11.34 min Scan# 1682

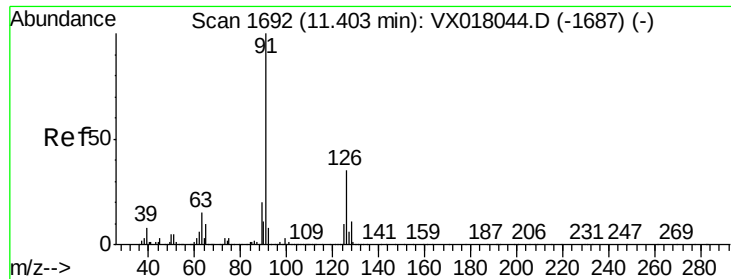
Delta R.T. -0.01 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion:	91	Resp:	1297050
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.9	35.9





#79

2-Chlorotoluene

Concen: 48.011 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 791571

Ion Ratio Lower Upper

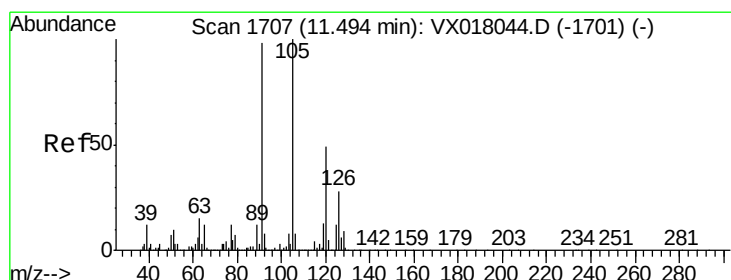
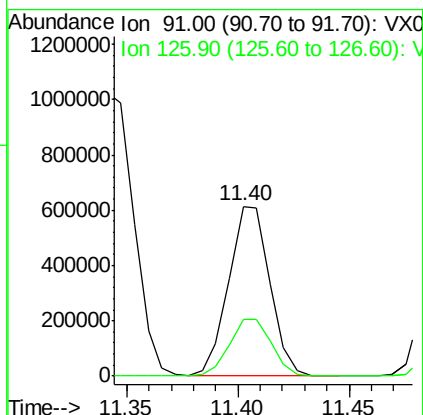
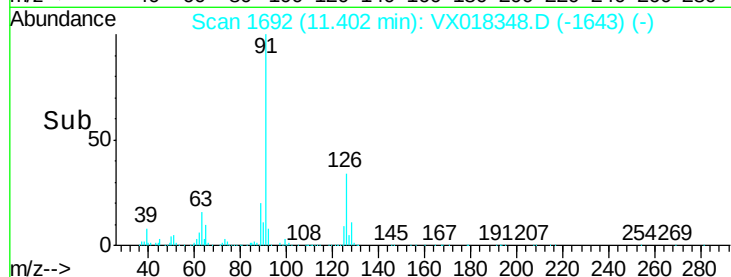
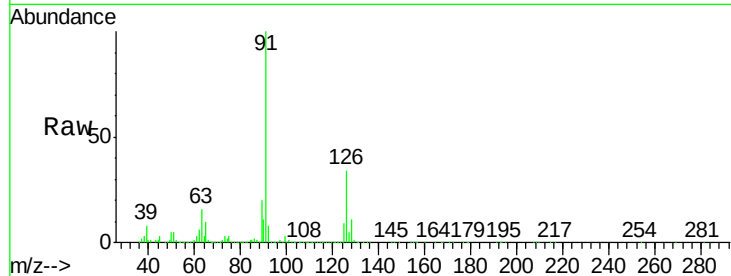
91 100

126 34.5 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 51.368 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018348.D

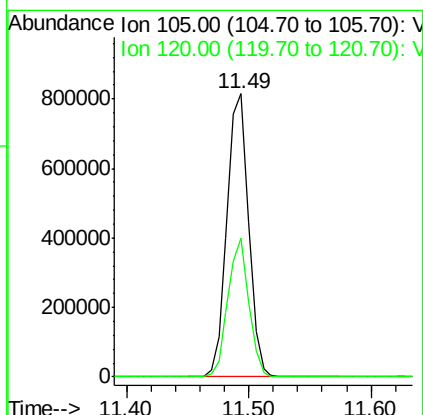
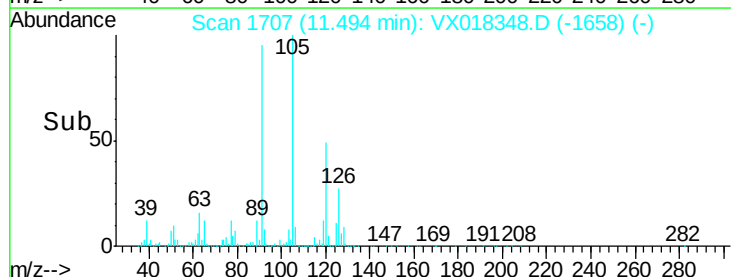
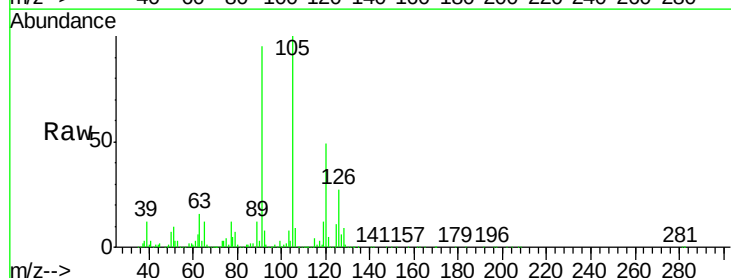
Acq: 10 Sep 2020 18:42

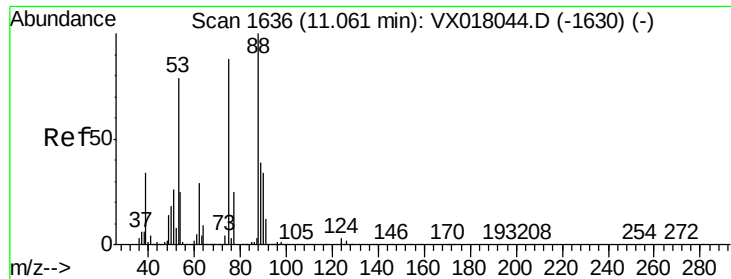
Tgt Ion: 105 Resp: 992086

Ion Ratio Lower Upper

105 100

120 47.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.185 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

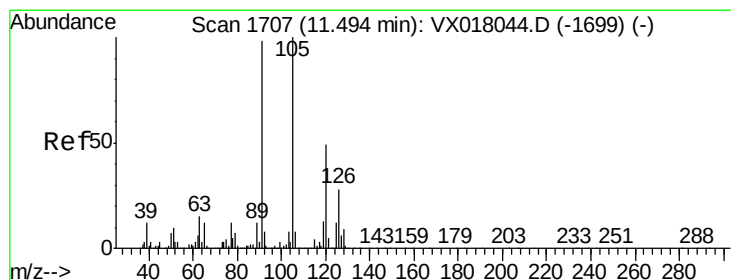
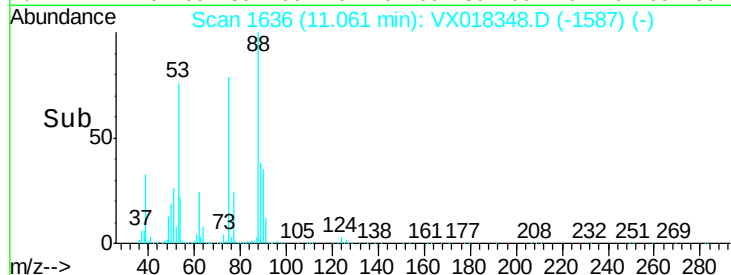
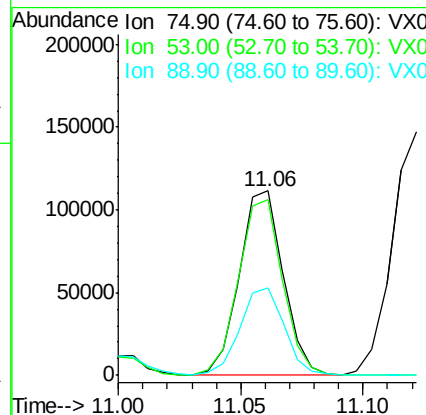
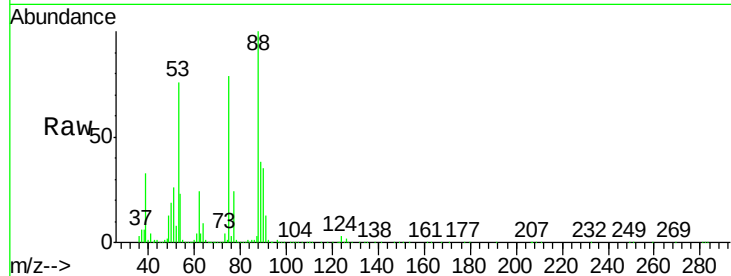
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	138475
Ion	Ratio	Lower	Upper
75	100		
53	95.9	74.7	112.1
89	47.7	36.6	54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 48.904 ug/l

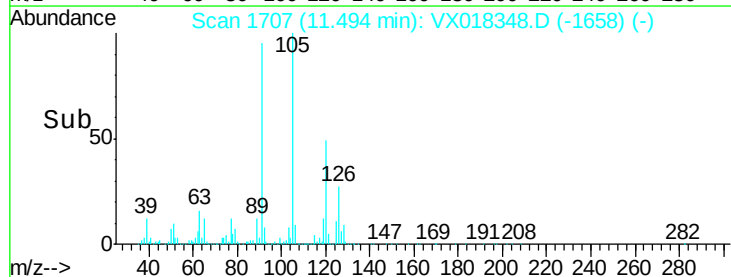
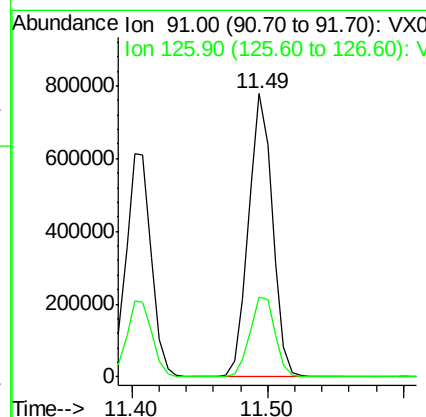
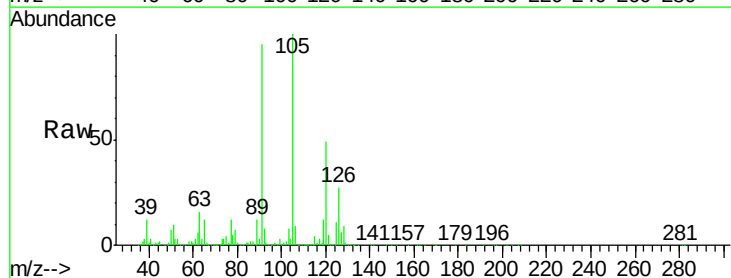
RT: 11.49 min Scan# 1707

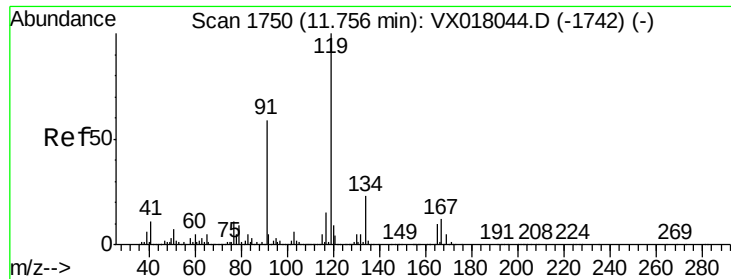
Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion:	91	Resp:	958535
Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.1	45.3





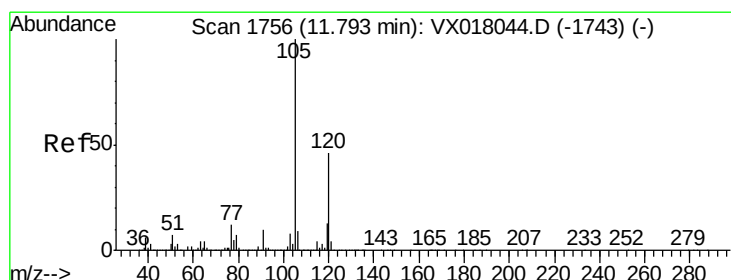
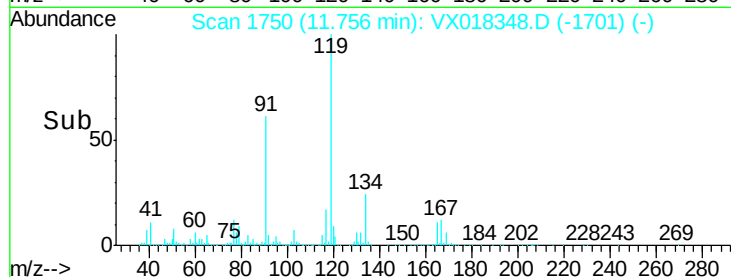
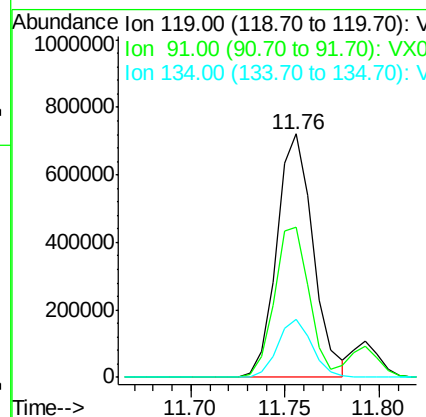
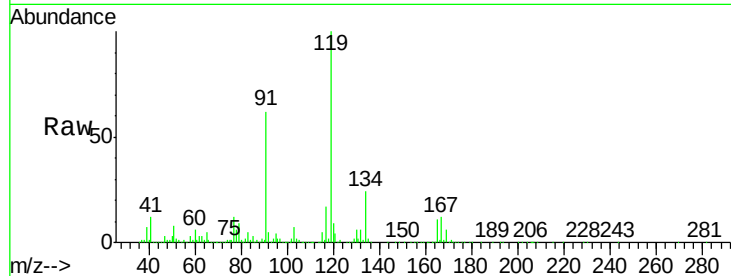
#83
 tert-Butylbenzene
 Concen: 50.426 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	961107		
91	59.0	28.2	84.7	
134	22.5	11.3	33.8	

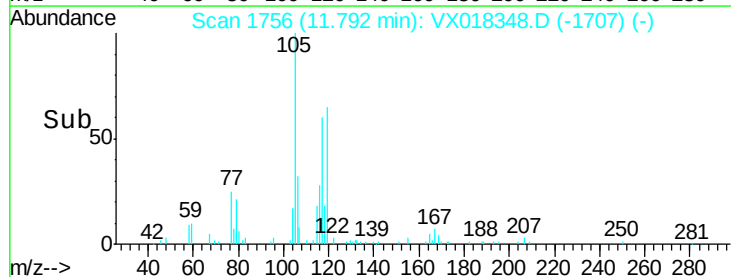
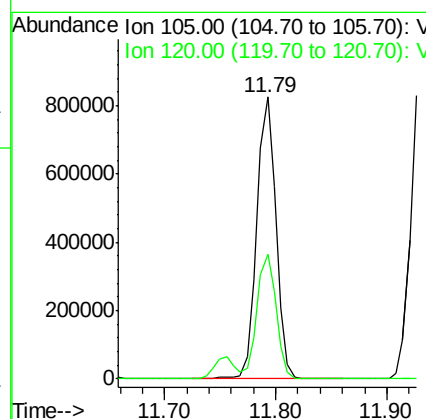
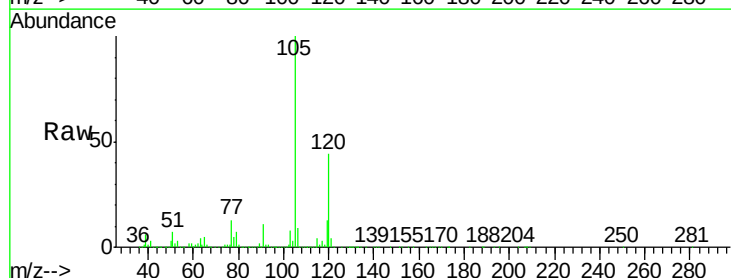
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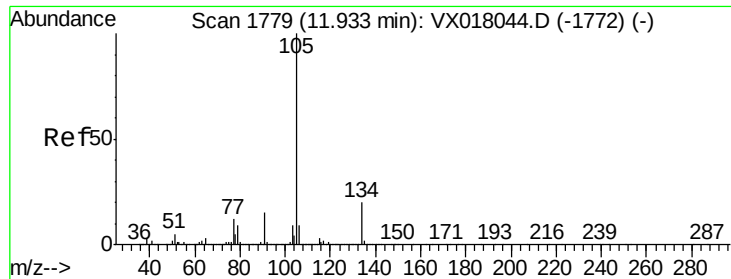
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.079 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	988849		
120	44.4	22.3	66.9	





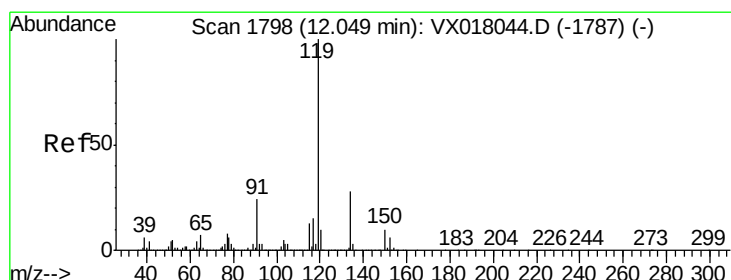
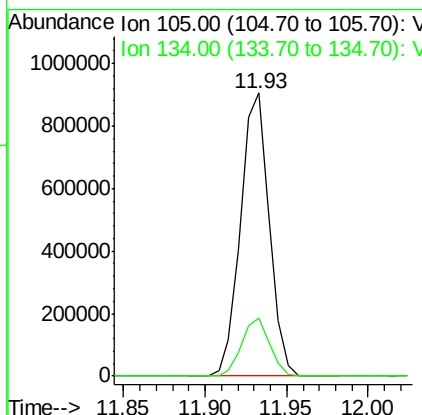
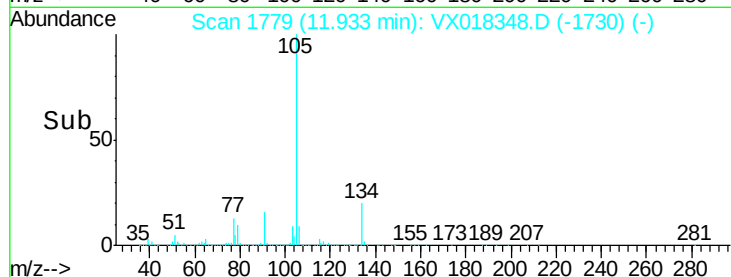
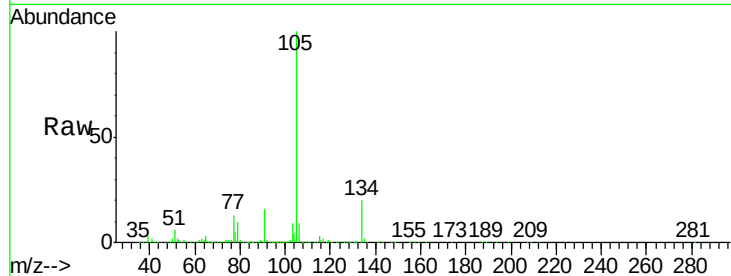
#85
 sec-Butylbenzene
 Concen: 51.223 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:105 Resp: 1110245
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3

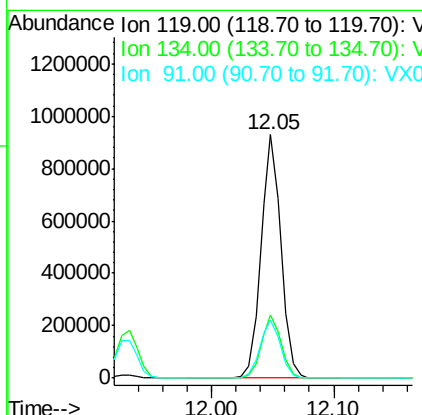
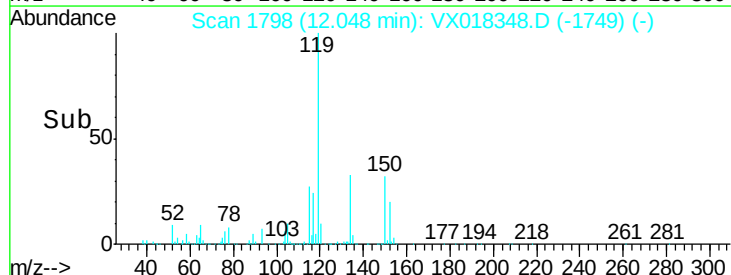
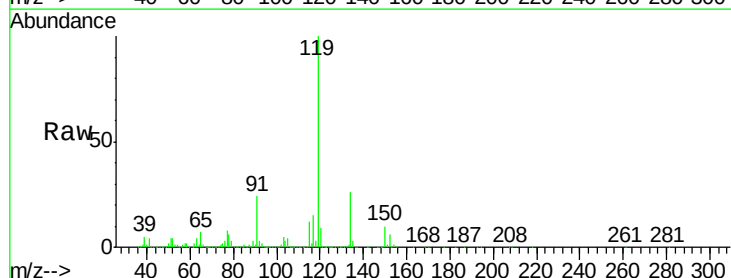
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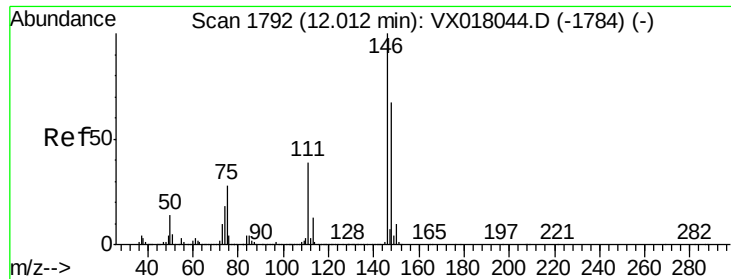
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 9/11/2020 10:13:50 AM



#86
 p-Isopropyltoluene
 Concen: 53.137 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion:119 Resp: 1057937
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.2 39.5
 91 24.5 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 48.486 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Instrument :

MSVOA_X

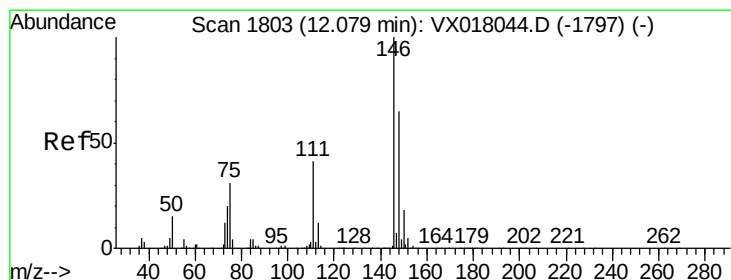
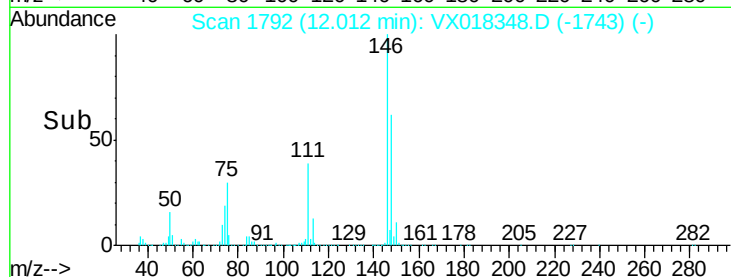
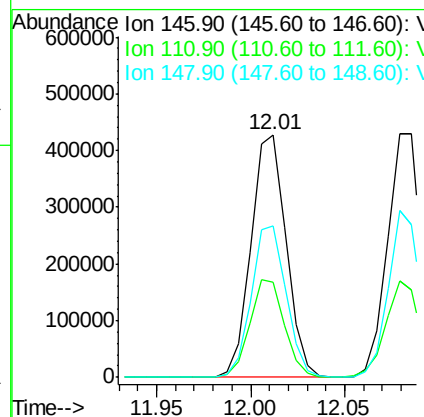
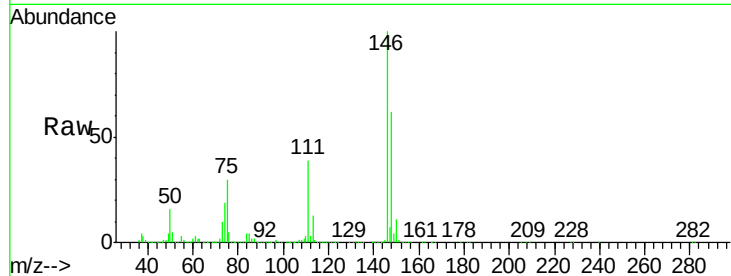
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	553040
Ion Ratio	Lower	Upper	
146	100		
111	39.7	20.6	61.8
148	61.9	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.025 ug/l

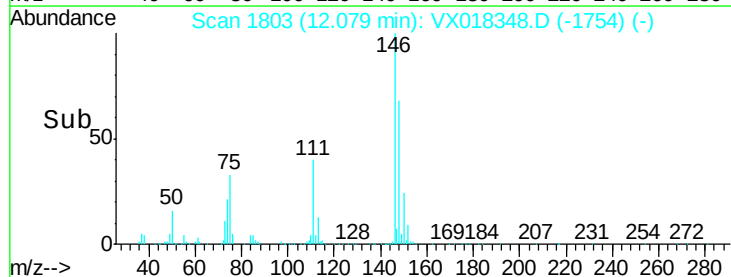
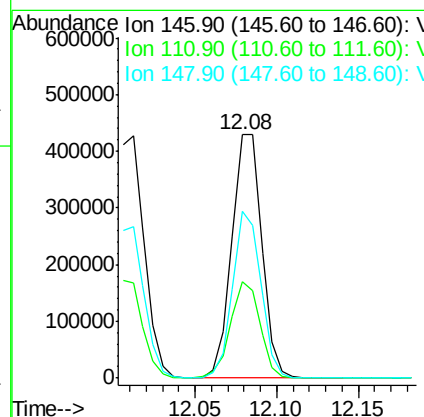
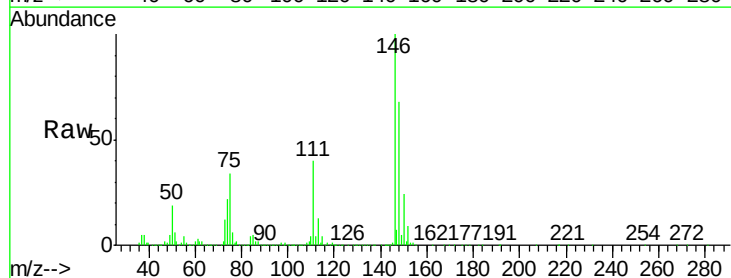
RT: 12.08 min Scan# 1803

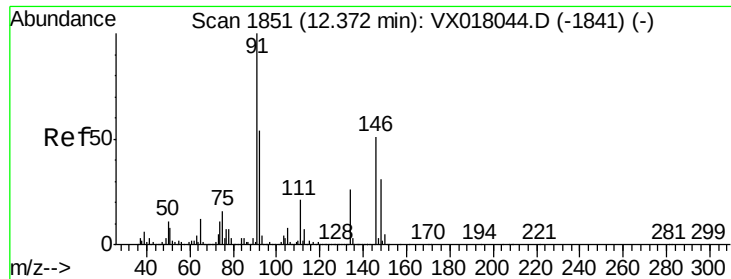
Delta R.T. -0.00 min

Lab File: VX018348.D

Acq: 10 Sep 2020 18:42

Tgt Ion:	146	Resp:	548481
Ion Ratio	Lower	Upper	
146	100		
111	39.1	20.3	60.8
148	64.6	33.1	99.2





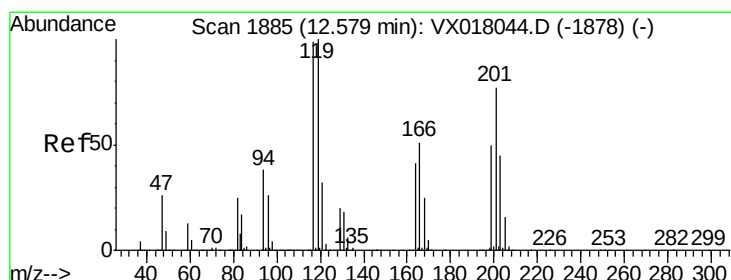
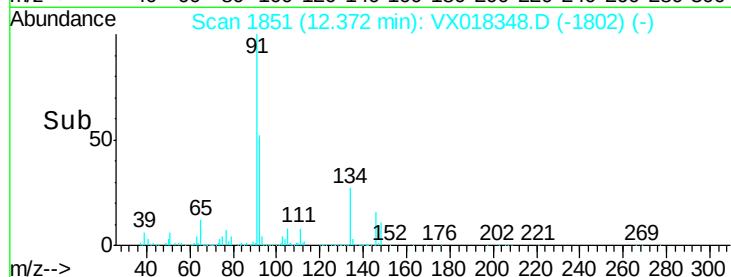
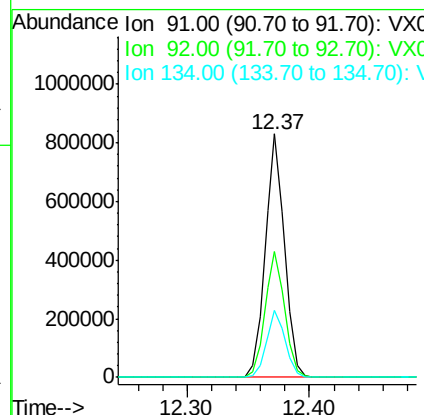
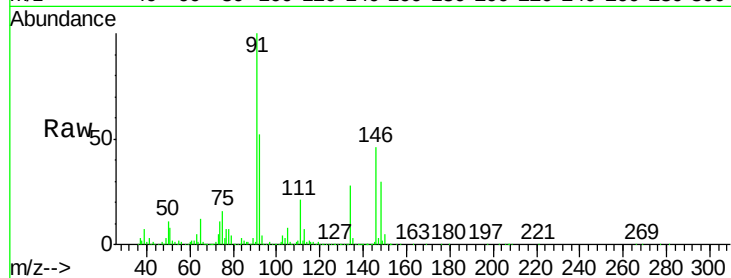
#89
n-Butylbenzene
Concen: 50.170 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.4	79.2
134	27.2	12.9	38.7

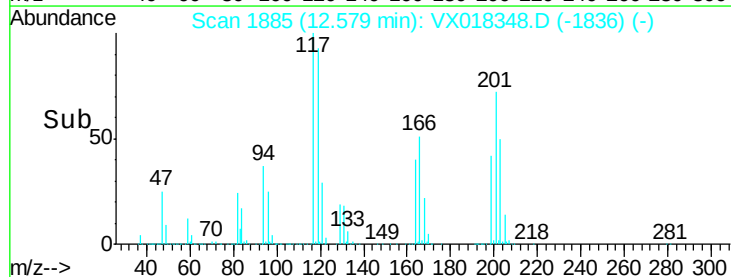
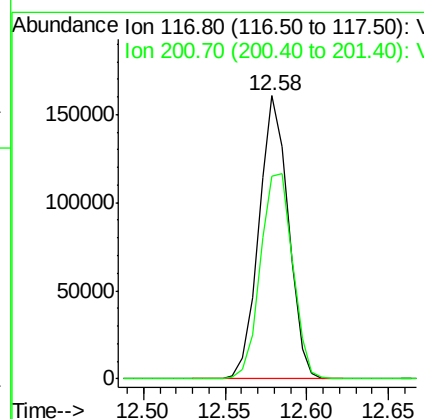
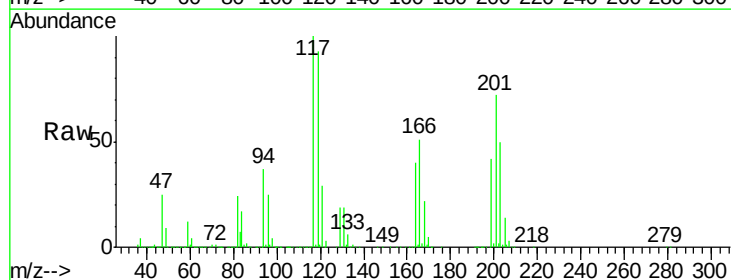
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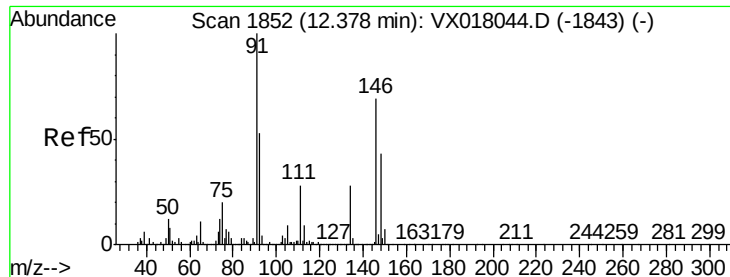
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#90
Hexachloroethane
Concen: 51.591 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	38.5	115.3





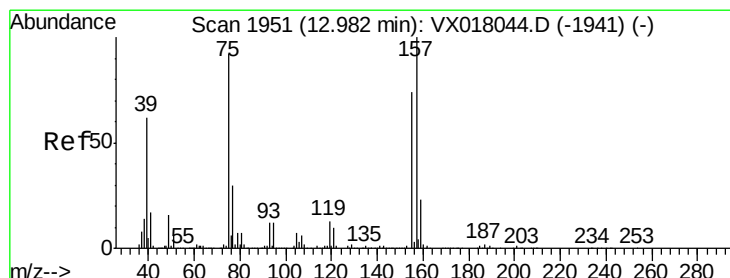
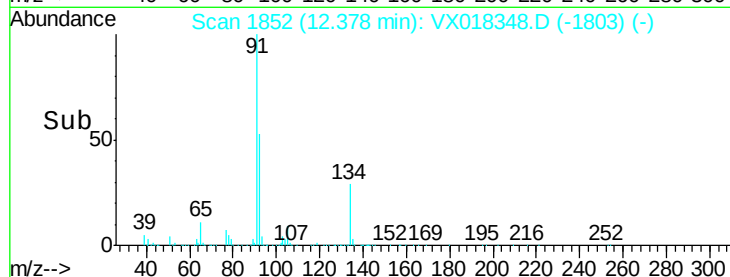
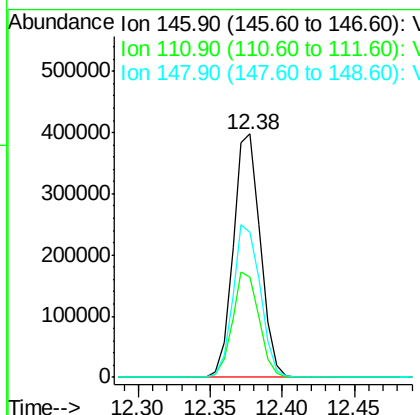
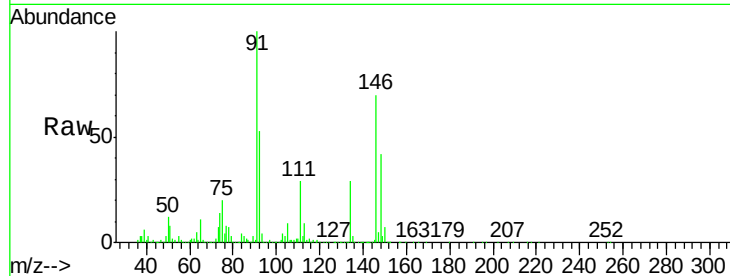
#91
 1,2-Dichlorobenzene
 Concen: 48.608 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	521899		
111	42.6	20.8	62.5	
148	63.1	31.6	95.0	

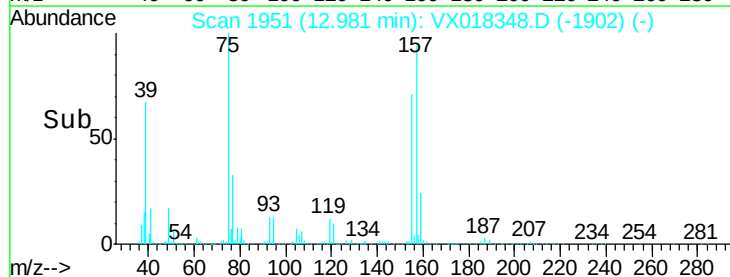
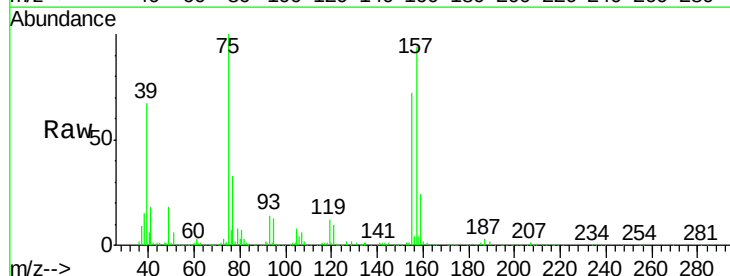
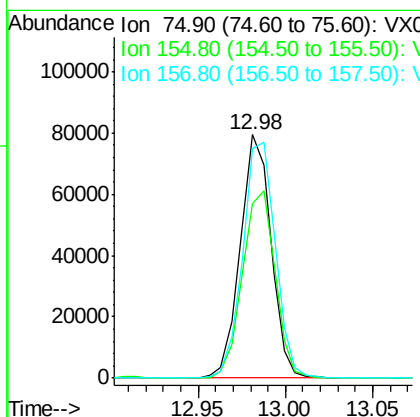
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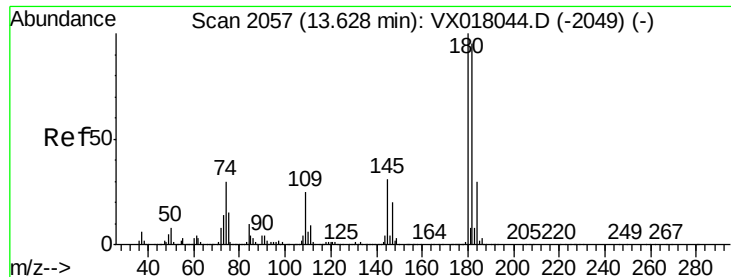
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.857 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	97136		
155	81.9	40.2	120.6	
157	103.8	55.0	165.2	





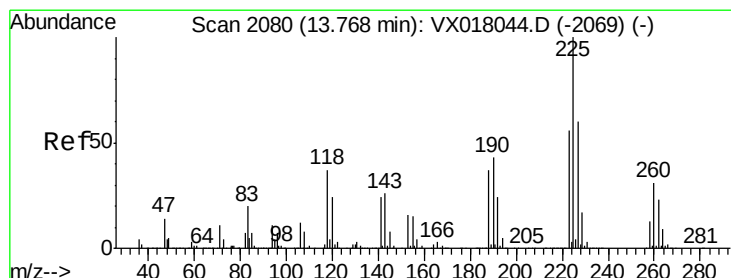
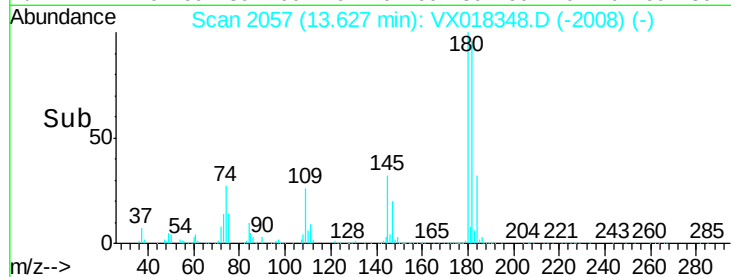
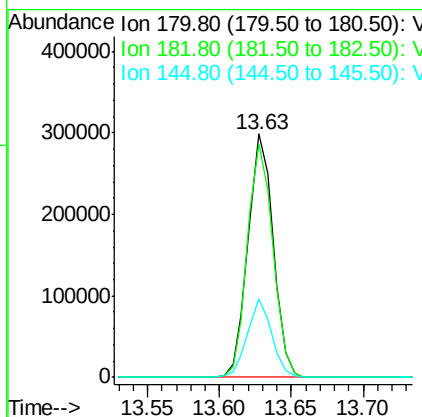
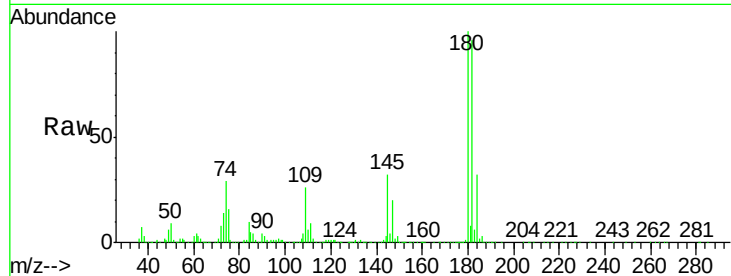
#93
 1,2,4-Trichlorobenzene
 Concen: 50.333 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	360366
Ion Ratio	Lower	Upper	
180	100		
182	96.7	47.5	142.6
145	31.3	15.7	47.1

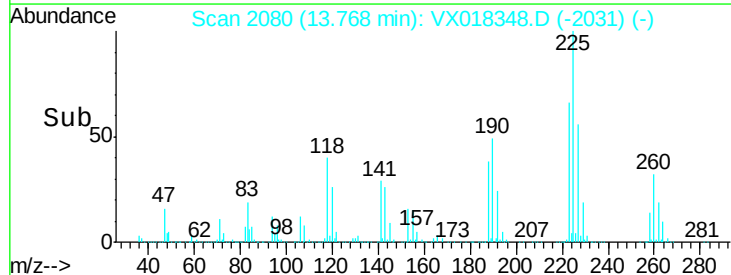
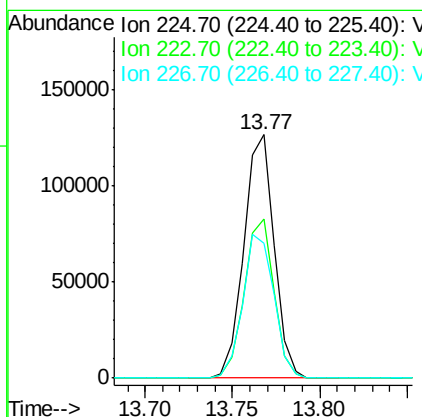
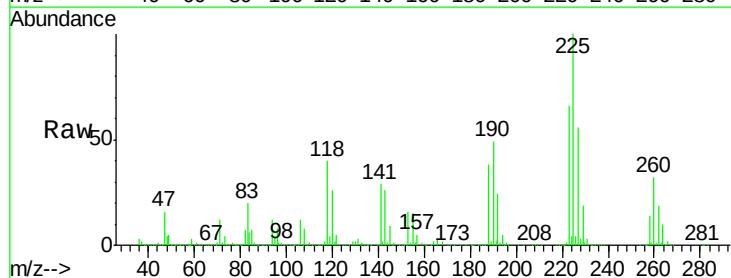
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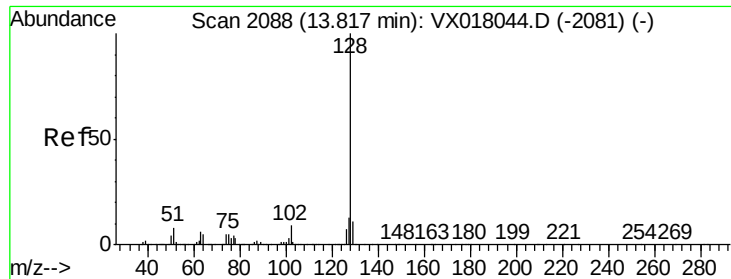
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#94
 Hexachlorobutadiene
 Concen: 53.965 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018348.D
 Acq: 10 Sep 2020 18:42

Tgt Ion:	225	Resp:	152397
Ion Ratio	Lower	Upper	
225	100		
223	64.3	30.7	92.1
227	61.0	32.6	97.8





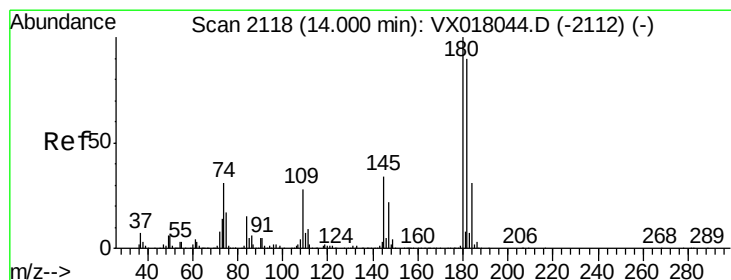
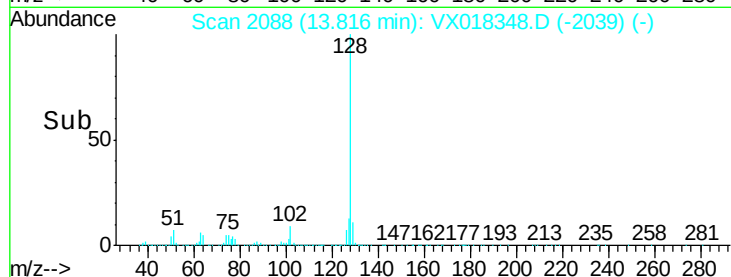
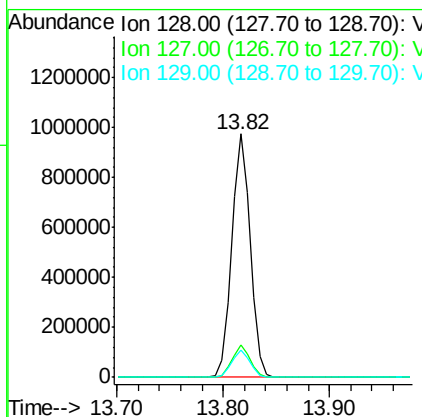
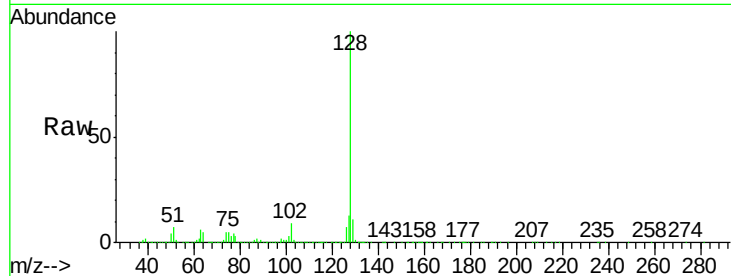
#95
Naphthalene
Concen: 50.290 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1184964
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:50 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.318 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018348.D
Acq: 10 Sep 2020 18:42

Tgt Ion:180 Resp: 355974
Ion Ratio Lower Upper
180 100
182 98.3 47.3 142.0
145 33.4 17.5 52.6

