

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018350.D
 Acq On : 11 Sep 2020 09:54
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:41 PM

Quant Time: Sep 12 06:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	84583	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	436274	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	404487	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	196605	29.46	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.20%
60) 4-Bromofluorobenzene	11.12	95	212618	30.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.10%
63) Toluene-d8	8.70	98	541586	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	91150	20.365 ug/l	95
3) Chloromethane	1.31	50	91891	19.328 ug/l	99
4) Vinyl Chloride	1.39	62	102537	20.483 ug/l	100
5) Bromomethane	1.64	94	68969	20.249 ug/l	100
6) Chloroethane	1.72	64	62813	20.644 ug/l	93
7) Trichlorofluoromethane	1.92	101	180895	21.323 ug/l	99
8) Diethyl Ether	2.17	74	54835	20.502 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92814	21.413 ug/l	98
10) 1,1-Dichloroethene	2.36	96	83660	19.662 ug/l	87
11) Methyl Iodide	2.49	142	72816	18.855 ug/l	99
12) Methyl Acetate	2.75	43	110882	19.797 ug/l	99
13) Acrolein	2.27	56	47417	104.901 ug/l	94
14) Acrylonitrile	3.11	53	247560	97.547 ug/l	99
15) Acetone	2.42	58	69518	100.749 ug/l	84
16) Carbon Disulfide	2.55	76	251270	20.281 ug/l	97
17) Allyl chloride	2.71	41	155905	20.500 ug/l	97
18) Methylene Chloride	2.83	84	100727	20.171 ug/l	99
19) trans-1,2-Dichloroethene	3.14	96	99706	21.106 ug/l	96
20) Diisopropyl ether	3.82	45	309053	20.527 ug/l	97
21) 1,1-Dichloroethane	3.67	63	175580	20.318 ug/l	98
22) cis-1,2-Dichloroethene	4.57	96	107322	20.533 ug/l	96
23) tert-Butyl Alcohol	3.00	59	102382	93.094 ug/l	100
24) Methyl tert-Butyl Ether	3.17	73	309613	20.468 ug/l	98
25) Chloroform	5.17	83	188024	20.387 ug/l	99
26) Cyclohexane	5.54	56	142996	20.501 ug/l #	50
29) 1,1-Dichloropropene	5.77	75	138167	20.747 ug/l	100
30) 2-Butanone	4.63	43	358115	98.210 ug/l	100
31) 2,2-Dichloropropane	4.55	77	170270	21.167 ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	182412	20.926 ug/l	99
33) Carbon Tetrachloride	5.76	117	167573	20.630 ug/l	99
34) Benzene	6.11	78	393249	20.687 ug/l #	96
35) Methacrylonitrile	5.00	41	74256	19.323 ug/l	95
36) 1,2-Dichloroethane	6.16	62	160766	20.434 ug/l #	100
37) Trichloroethene	7.18	130	113221	20.597 ug/l	97
38) Methylcyclohexane	7.44	83	147668	20.817 ug/l	98
39) 1,2-Dichloropropane	7.49	63	100156	19.671 ug/l	95
40) Dibromomethane	7.63	93	73432	19.972 ug/l	98

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 9/14/2020 12:09:41 PM

Quant Time: Sep 12 06:18:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	154117	20.225	ug/l	89
42) Vinyl Acetate	3.78	43	1365514	100.373	ug/l	99
43) Ethyl Acetate	4.79	43	136422	18.815	ug/l	98
44) Isopropyl Acetate	6.41	43	227685	19.485	ug/l	98
45) 1,4-Dioxane	7.71	88	38837	397.837	ug/l #	88
46) Methyl methacrylate	7.74	41	109726	19.080	ug/l	97
47) n-amyl Acetate	10.88	43	194560	18.949	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	163065	19.921	ug/l	95
49) cis-1,3-Dichloropropene	8.42	75	173031	20.122	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	100841	19.682	ug/l	96
51) Ethyl methacrylate	9.16	69	144281	19.440	ug/l	98
52) 1,3-Dichloropropane	9.35	76	168006	19.756	ug/l	98
53) Dibromochloromethane	9.56	129	126632	19.879	ug/l	97
54) 1,2-Dibromoethane	9.65	107	110006	19.573	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	371877	95.953	ug/l	99
56) Bromoform	10.84	173	93077	19.230	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	707784	101.736	ug/l	100
59) 2-Hexanone	9.47	43	542927	103.031	ug/l	99
61) Tetrachloroethene	9.32	164	110170	21.839	ug/l	96
62) Toluene	8.76	91	426023	20.928	ug/l	99
64) Chlorobenzene	10.12	112	265809	20.319	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	109136	20.600	ug/l	99
66) Ethyl Benzene	10.23	91	465714	20.705	ug/l	96
67) m/p-Xylenes	10.34	106	363027	42.203	ug/l	98
68) o-Xylene	10.68	106	170338	20.957	ug/l	98
69) Styrene	10.70	104	296123	20.883	ug/l	100
70) Isopropylbenzene	11.00	105	466492	20.639	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	152187	20.604	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	143086m	20.162	ug/l	
73) Bromobenzene	11.24	156	125995	20.347	ug/l	99
74) n-propylbenzene	11.34	91	555172	20.860	ug/l	99
75) 2-Chlorotoluene	11.40	91	334155	20.715	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	404547	20.545	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	54431	19.737	ug/l	96
78) 4-Chlorotoluene	11.49	91	404042	20.997	ug/l	99
79) tert-butylbenzene	11.76	119	382915	20.187	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	405969	20.846	ug/l	99
81) sec-Butylbenzene	11.93	105	456517	20.605	ug/l	100
82) p-Isopropyltoluene	12.05	119	420059	20.334	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	235705	21.289	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	231176	20.882	ug/l	99
85) n-Butylbenzene	12.37	91	381797	20.992	ug/l	99
86) Hexachloroethane	12.58	117	79251	19.485	ug/l	97
87) 1,2-Dichlorobenzene	12.37	146	223012	21.511	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	37948	20.083	ug/l	95
89) 1,2,4-Trichlorobenzene	13.63	180	149396	21.300	ug/l	96
90) Hexachlorobutadiene	13.76	225	67927	22.895	ug/l	95
91) Naphthalene	13.82	128	446200	20.384	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	147319	21.231	ug/l	97

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MSVOA_X
ClientSampleId :
VSTDCCC020

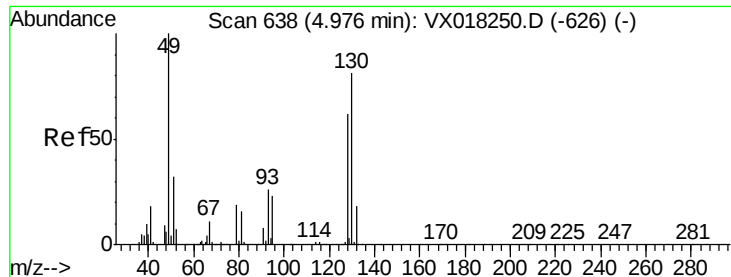
Manual Integrations
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9/14/2020 12:09:41 PM

Quant Time: Sep 12 06:18:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

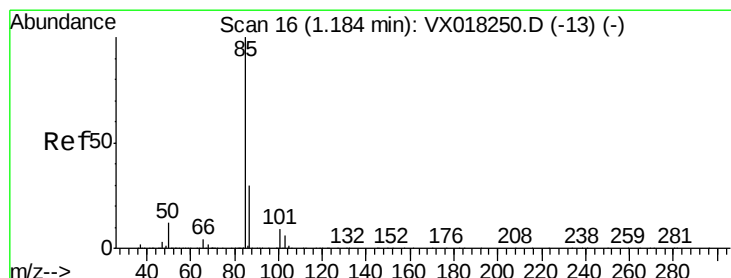
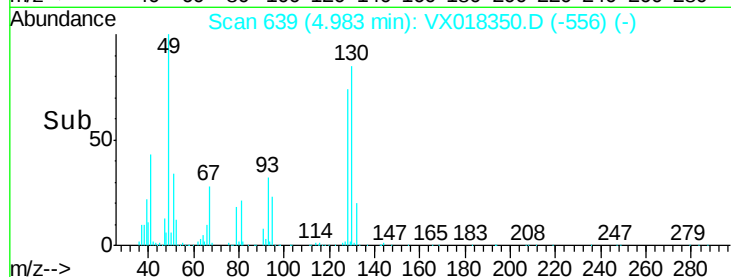
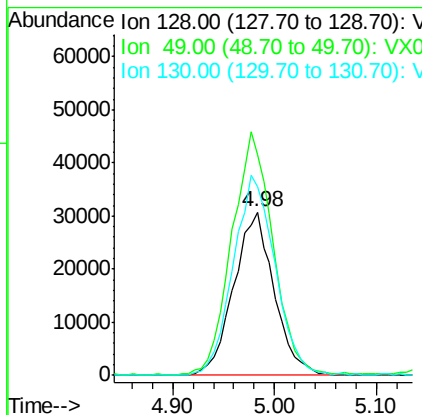
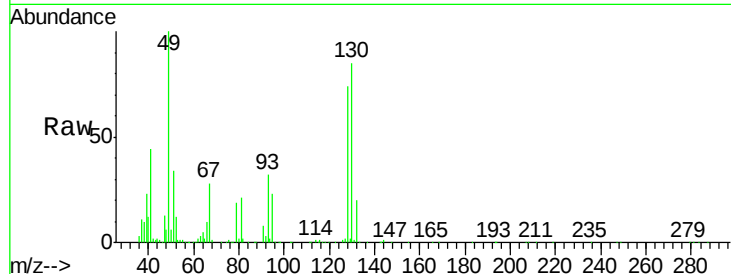
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	151.9	0.0	392.0
130	126.7	0.0	320.2

Manual Integrations
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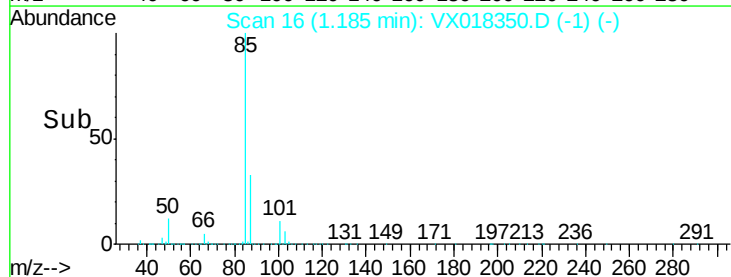
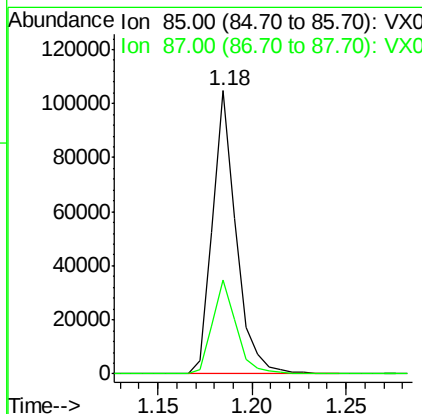
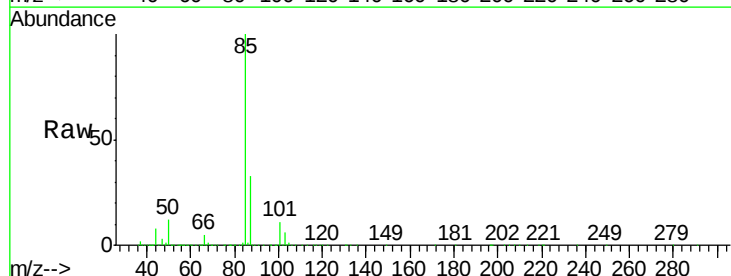
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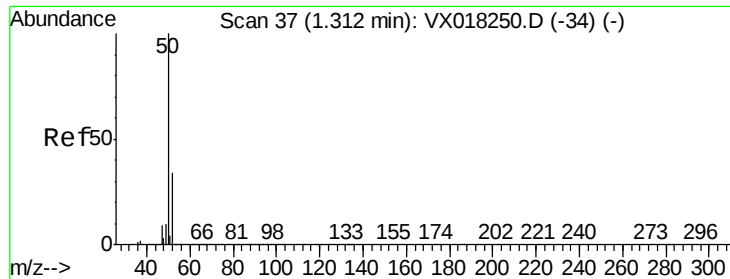


#2

Dichlorodifluoromethane
Concen: 20.365 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.9	15.1	45.3





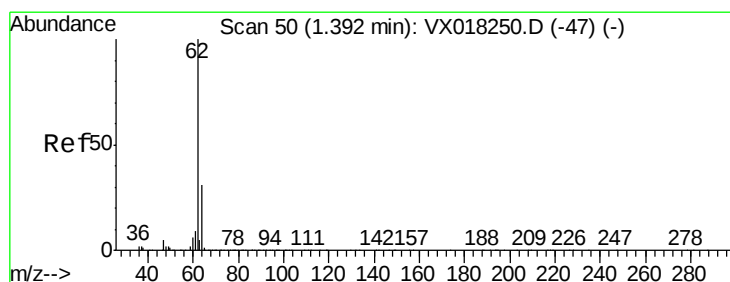
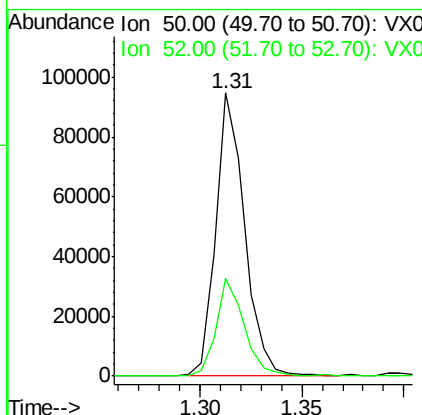
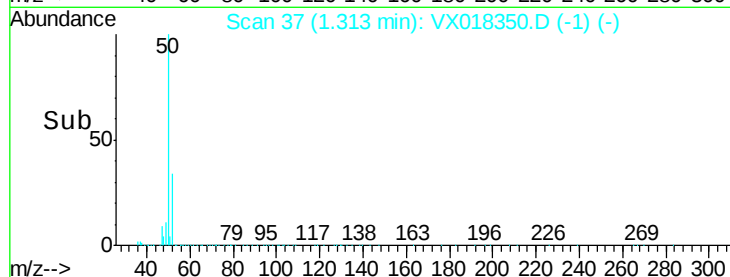
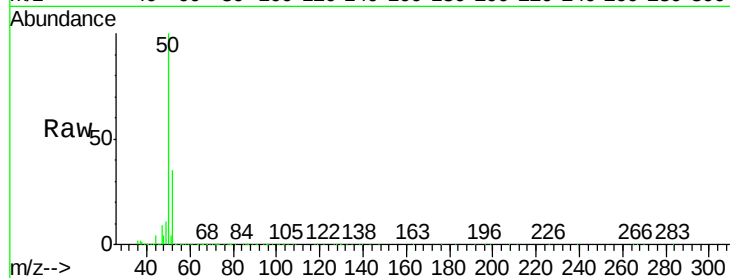
#3
Chloromethane
Concen: 19.328 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	50	Resp	91891
Ion Ratio	100	Lower	Upper
50	100		
52	34.6	27.1	40.7

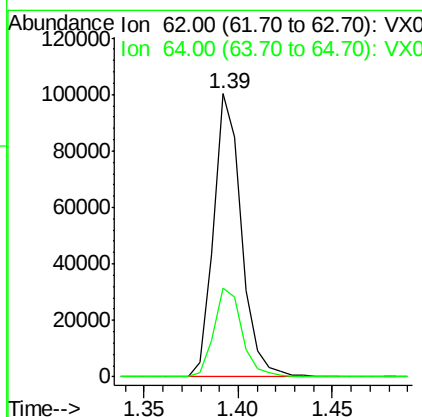
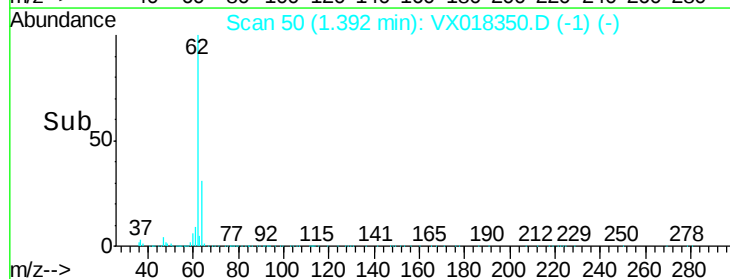
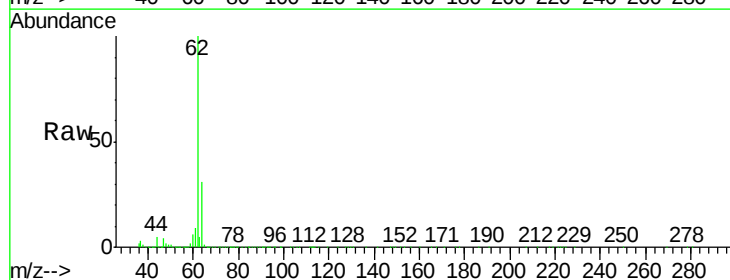
Manual Integrations
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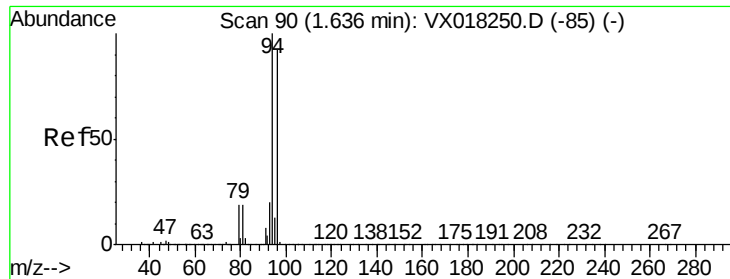
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#4
Vinyl Chloride
Concen: 20.483 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	62	Resp	102537
Ion Ratio	100	Lower	Upper
62	100		
64	31.3	25.2	37.8





#5

Bromomethane

Concen: 20.249 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 68969

Ion Ratio Lower Upper

94 100

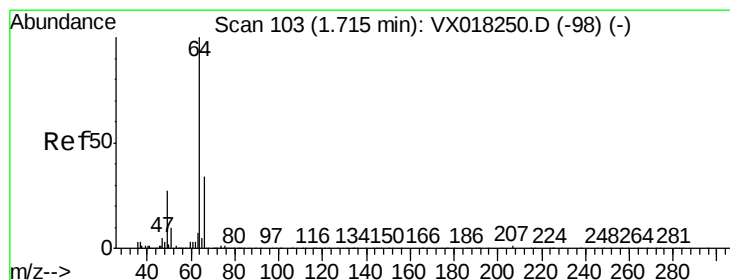
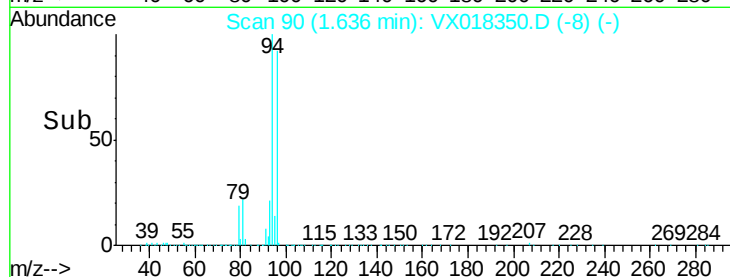
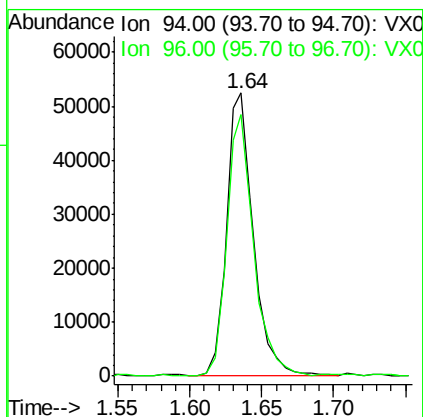
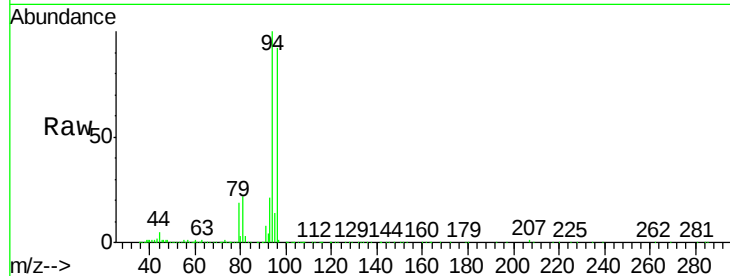
96 92.1 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 20.644 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018350.D

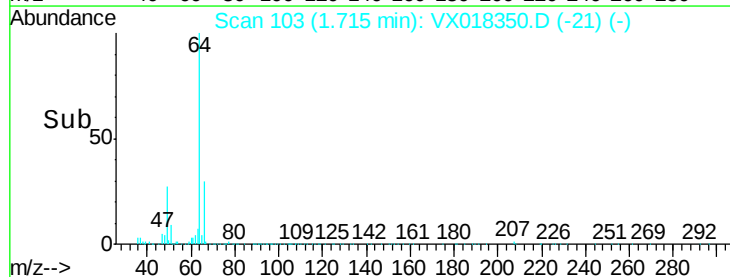
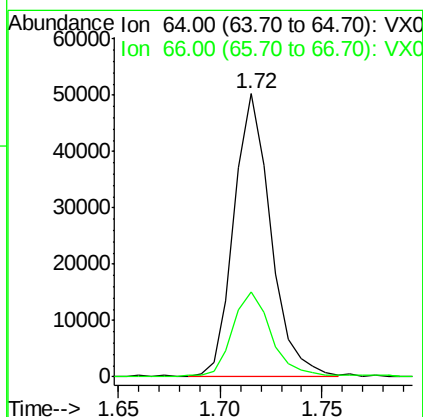
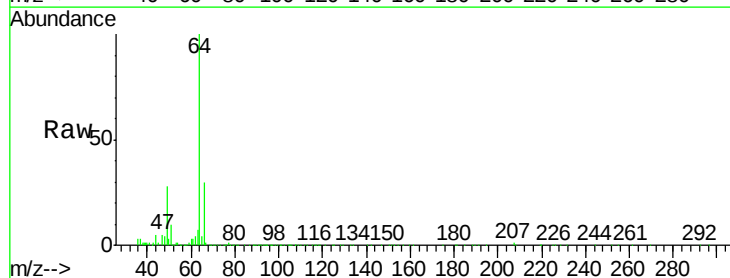
Acq: 11 Sep 2020 09:54

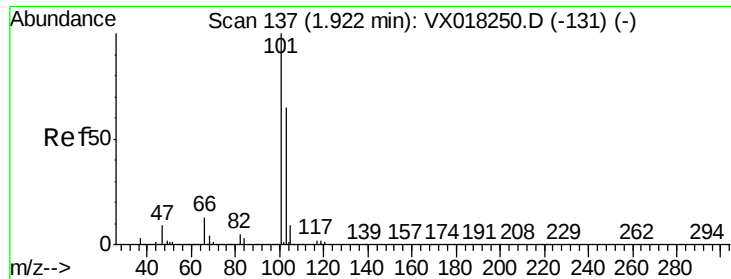
Tgt Ion: 64 Resp: 62813

Ion Ratio Lower Upper

64 100

66 29.6 27.0 40.4





#7

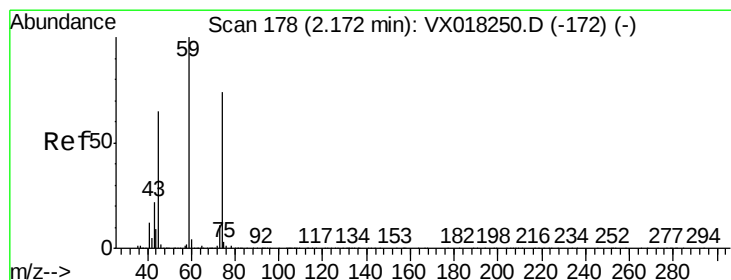
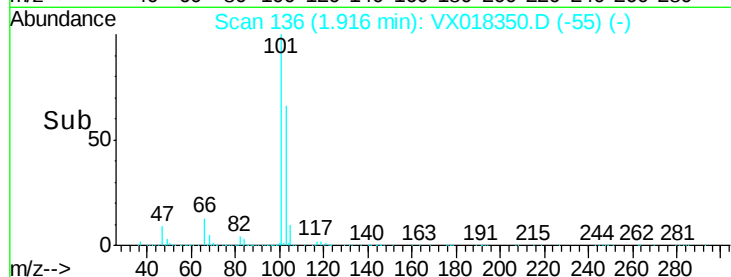
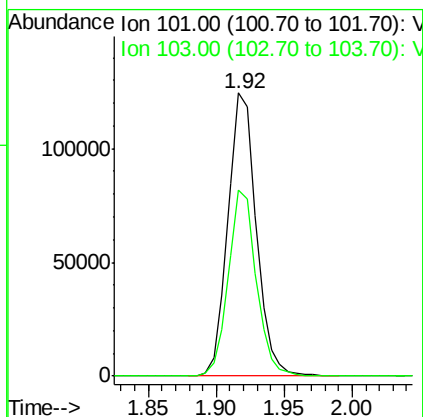
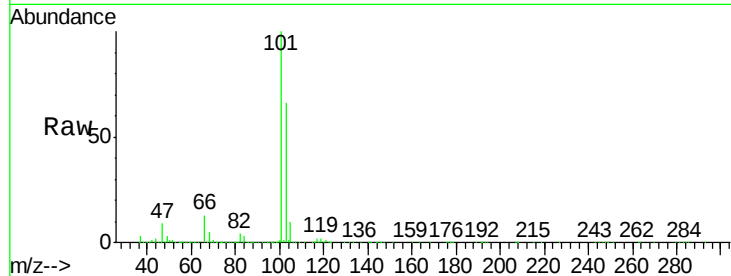
Trichlorofluoromethane
Concen: 21.323 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	52.3	78.5

Manual Integrations
APPROVED

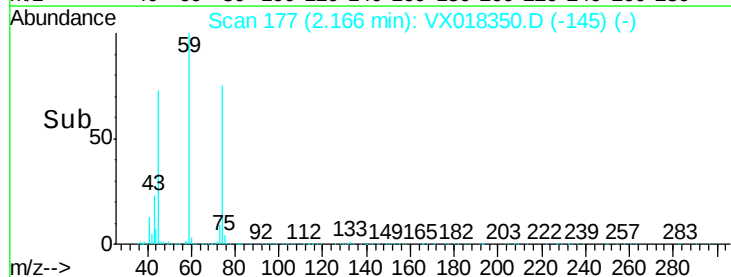
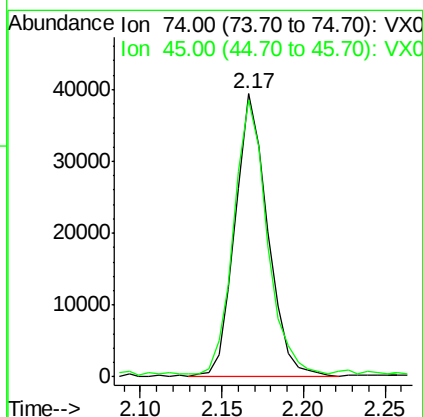
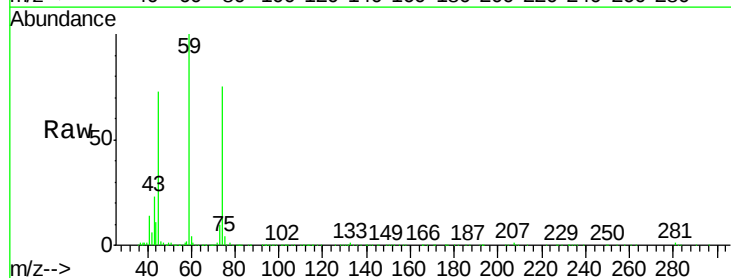
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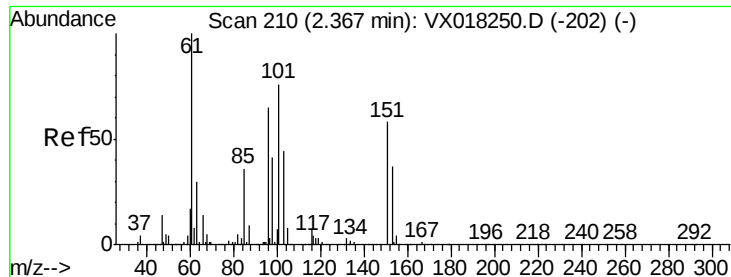


#8

Diethyl Ether
Concen: 20.502 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.9	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.413 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

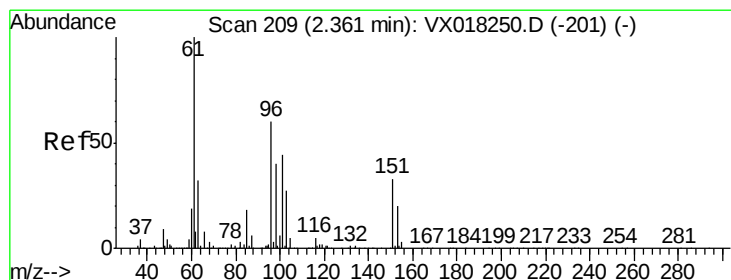
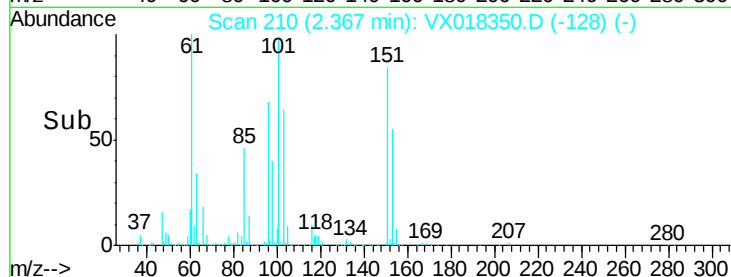
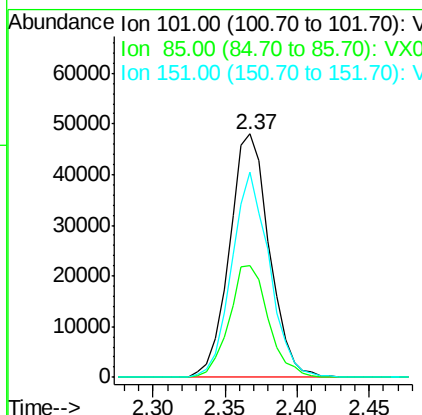
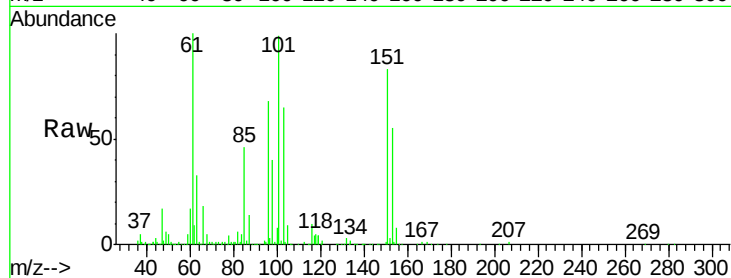
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	92814
Ion Ratio	Lower	Upper	
101	100		
85	45.1	0.0	87.8
151	79.4	0.0	161.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.662 ug/l

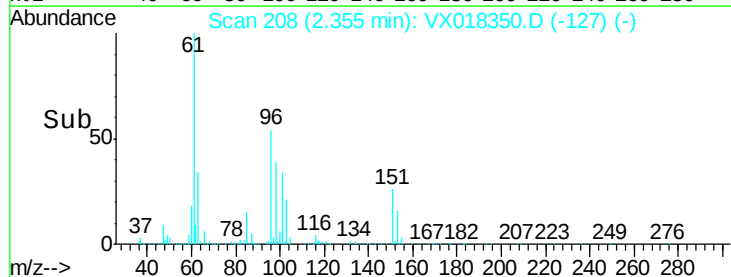
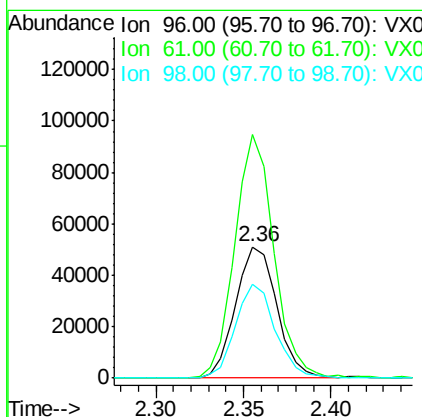
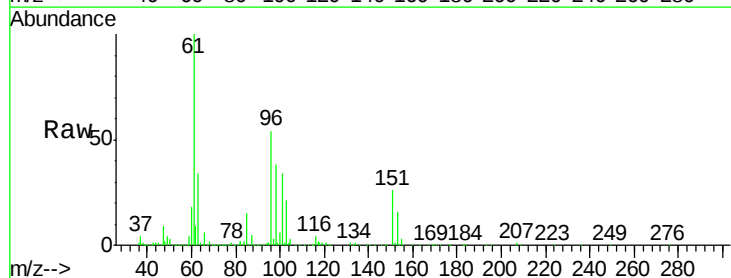
RT: 2.36 min Scan# 208

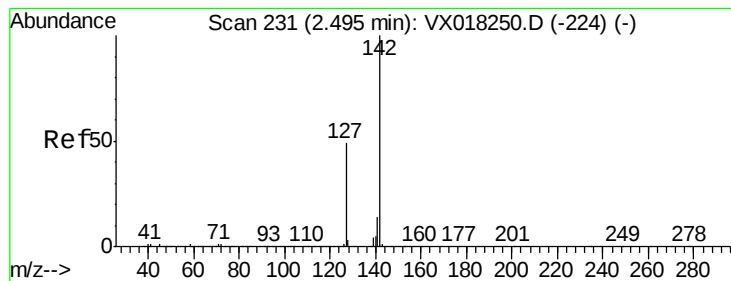
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	96	Resp:	83660
Ion Ratio	Lower	Upper	
96	100		
61	185.4	132.5	198.7
98	71.1	52.4	78.6





#11

Methvl Iodide

Concen: 18.855 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

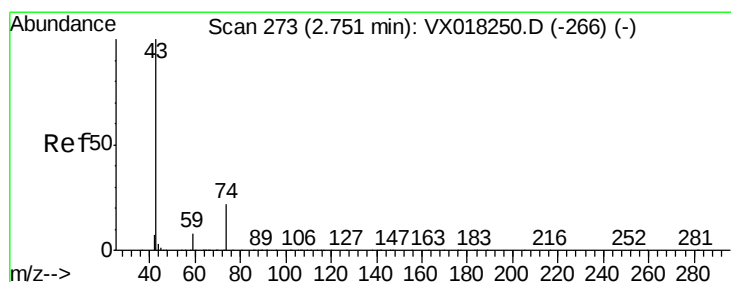
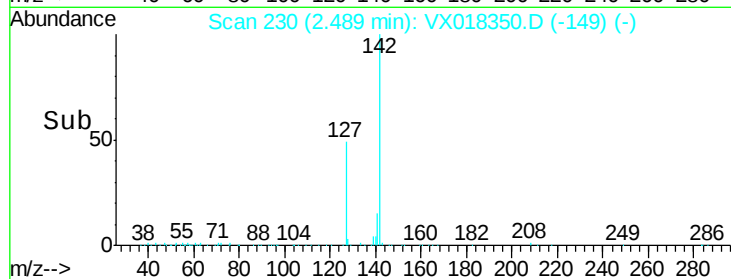
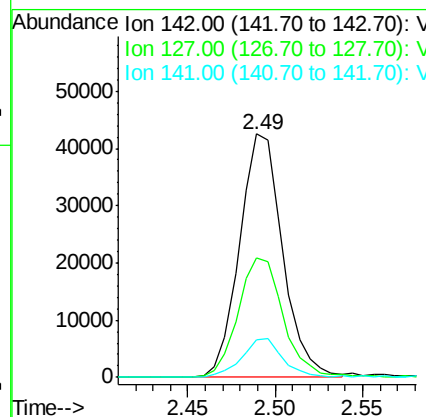
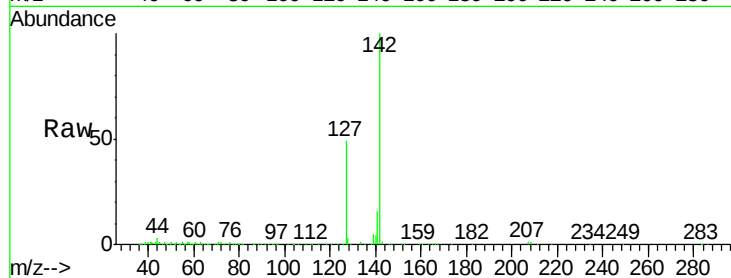
ClientSampleId :

VSTDCCC020

Tot Ion:	142	Resp:	72816
Ion Ratio	Lower	Upper	
142	100		
127	48.9	24.6	74.0
141	15.3	7.0	21.0

Manual Integrations
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#12

Methyl Acetate

Concen: 19.797 ug/l

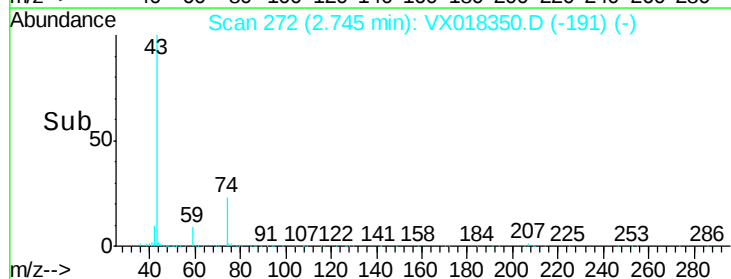
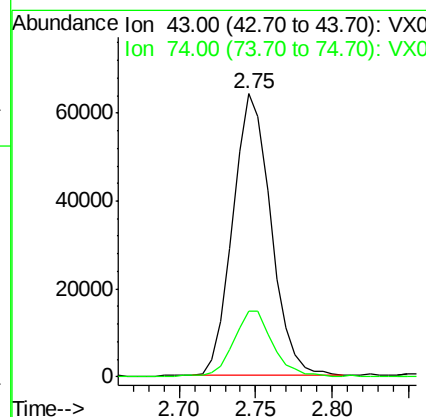
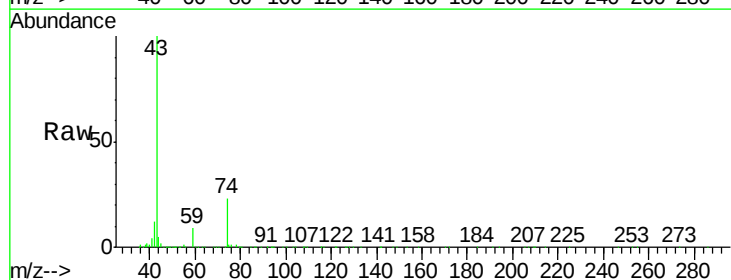
RT: 2.75 min Scan# 272

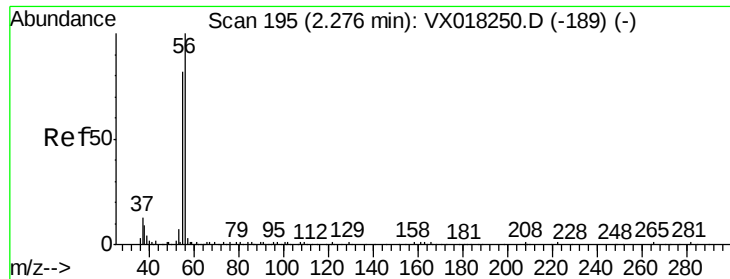
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	43	Resp:	110882
Ion Ratio	Lower	Upper	
43	100		
74	23.1	18.0	27.0





#13

Acrolein

Concen: 104.901 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 47417

Ion Ratio Lower Upper

56 100

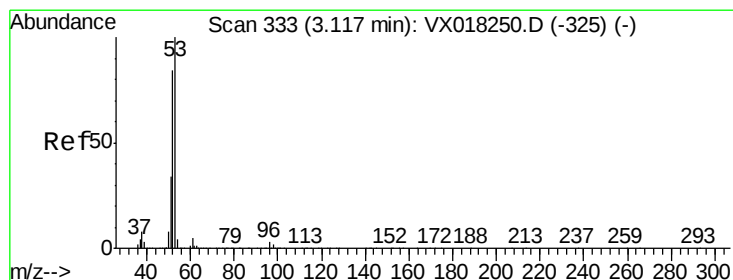
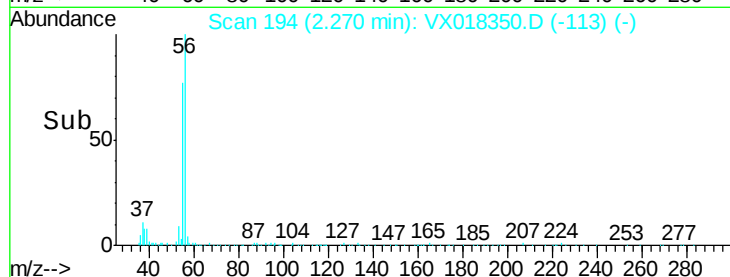
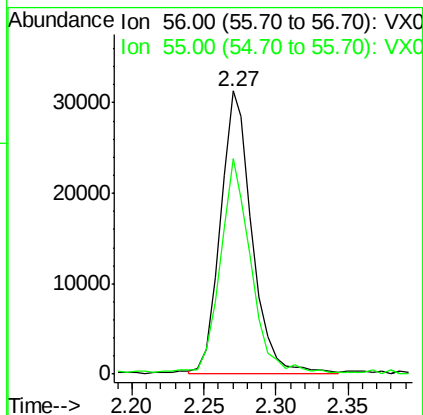
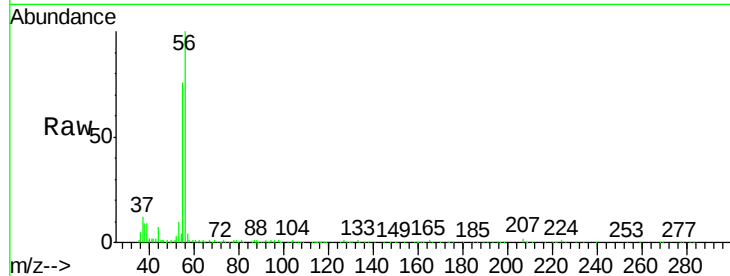
55 69.4 59.7 89.5

Manual Integrations

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#14

Acrylonitrile

Concen: 97.547 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

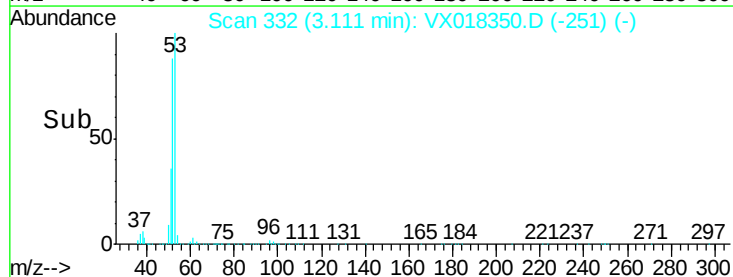
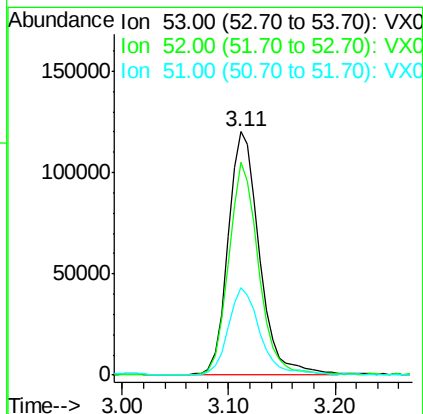
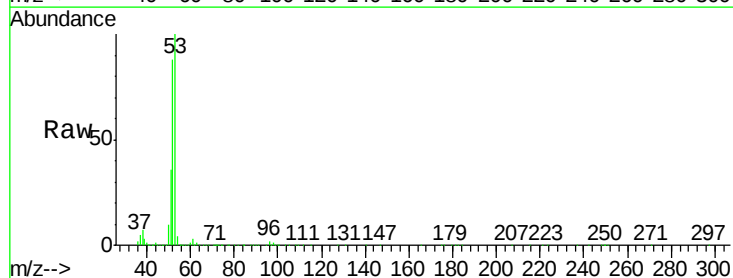
Tgt Ion: 53 Resp: 247560

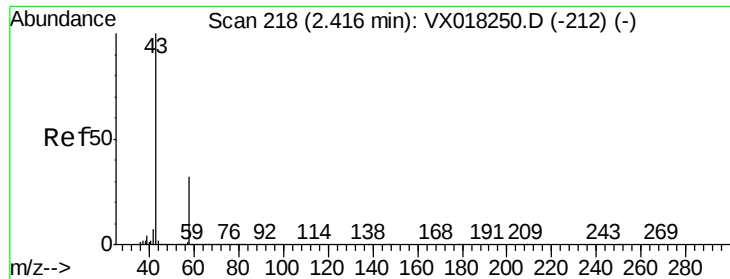
Ion Ratio Lower Upper

53 100

52 82.9 41.9 125.7

51 35.1 18.3 54.8





#15

Acetone

Concen: 100.749 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 69518

Ion Ratio Lower Upper

58 100

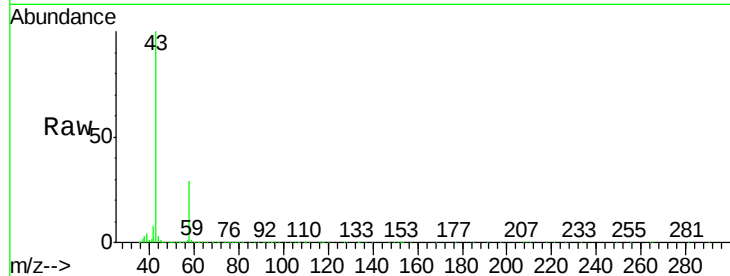
43 343.2 248.2 372.2

Manual Integrations

APPROVED

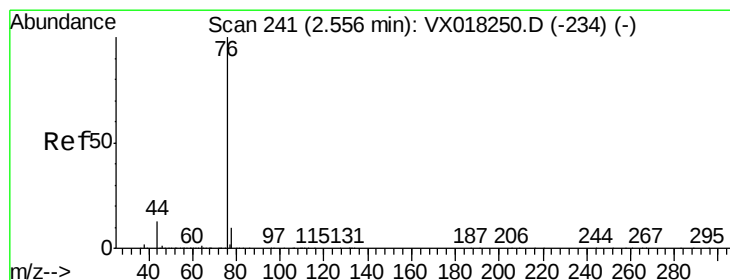
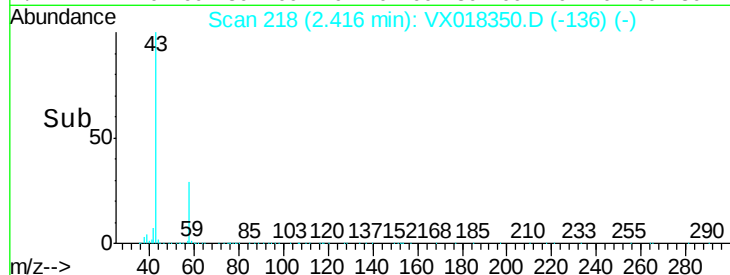
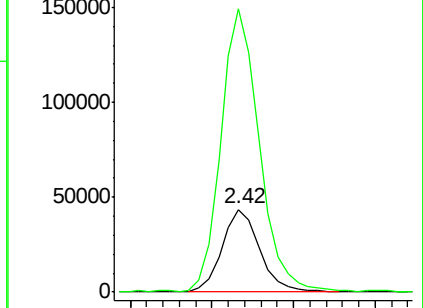
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Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 20.281 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018350.D

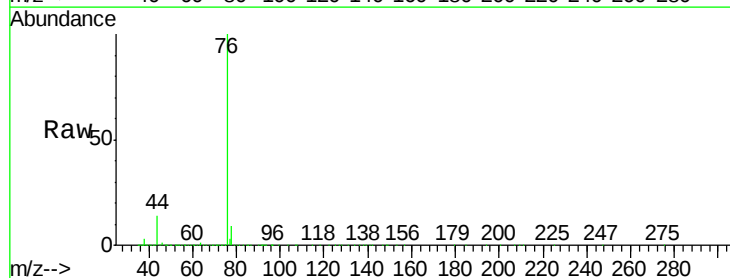
Acq: 11 Sep 2020 09:54

Tgt Ion: 76 Resp: 251270

Ion Ratio Lower Upper

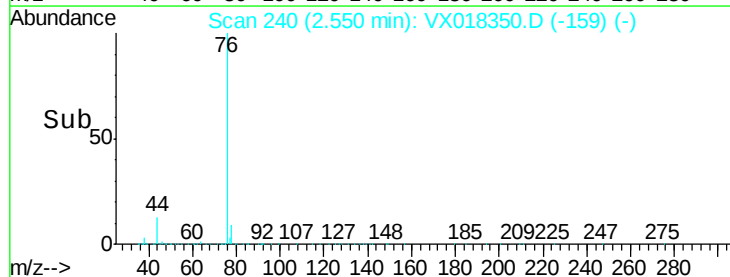
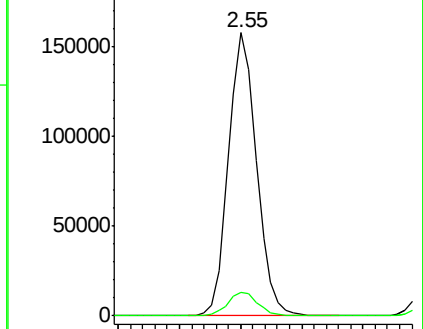
76 100

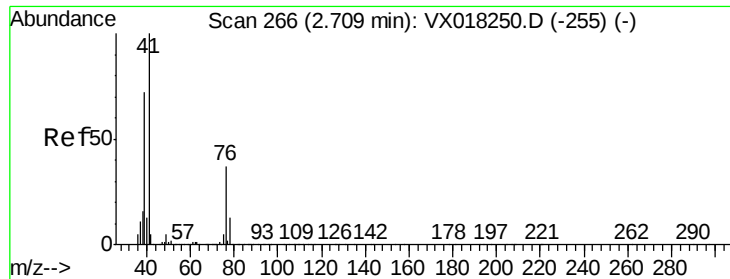
78 8.4 7.8 11.6



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





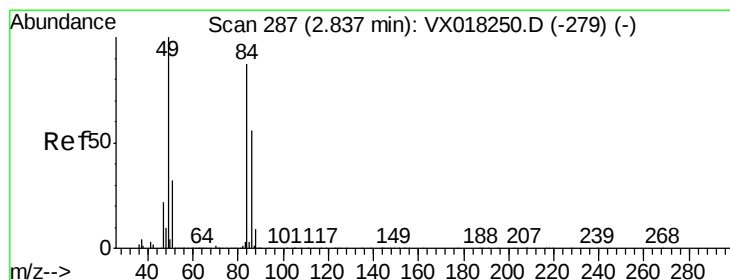
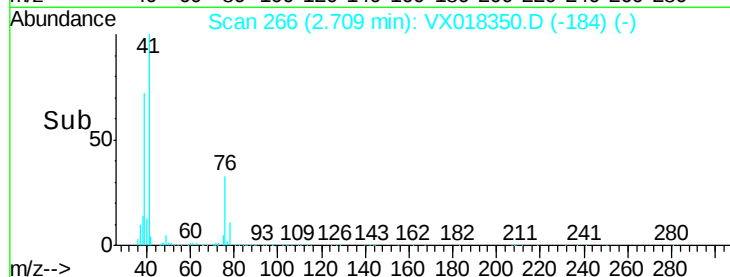
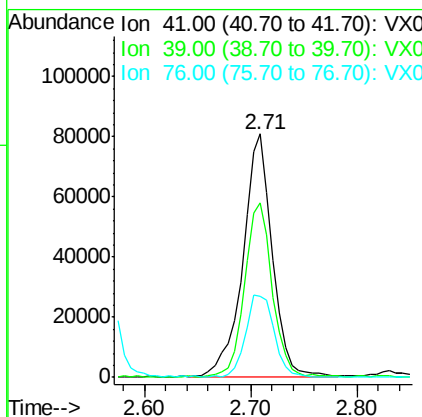
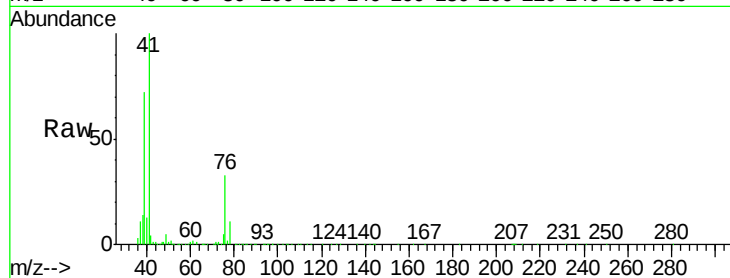
#17
Allvl chloride
Concen: 20.500 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100	155905		
39	71.3	36.0	108.1	
76	33.3	18.6	55.6	

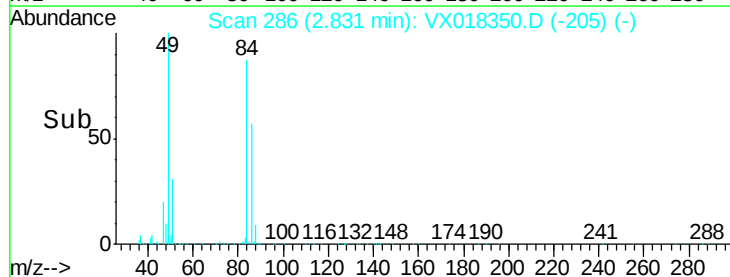
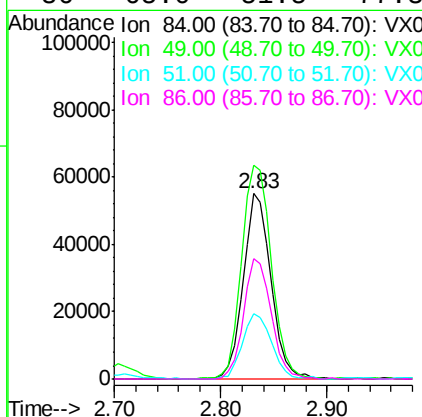
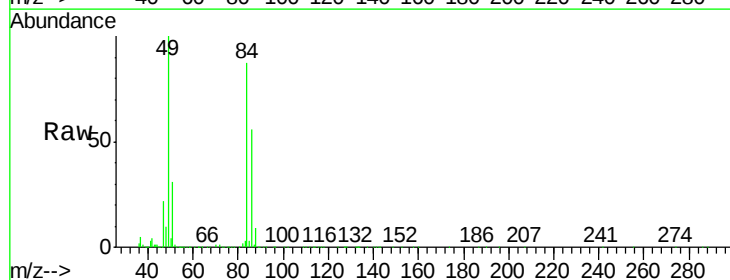
Manual Integrations
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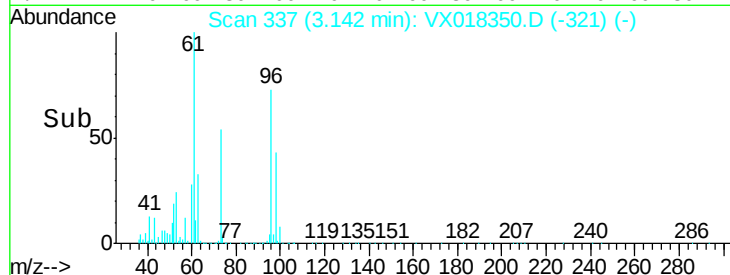
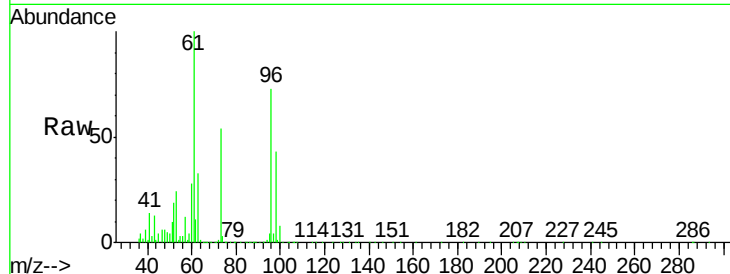
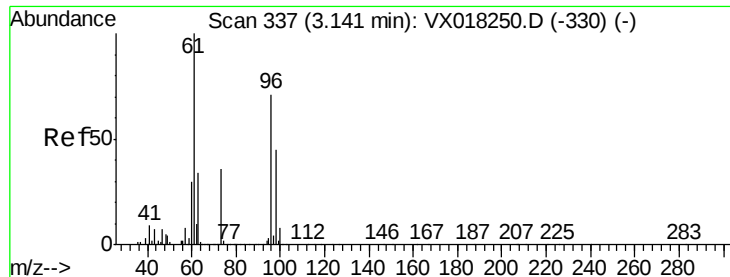
MMDadoda
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#18
Methylene Chloride
Concen: 20.171 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	100727		
49	115.3	91.6	137.4	
51	35.2	29.4	44.0	
86	65.0	51.5	77.3	





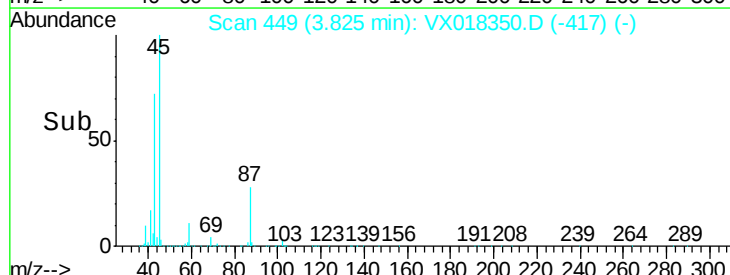
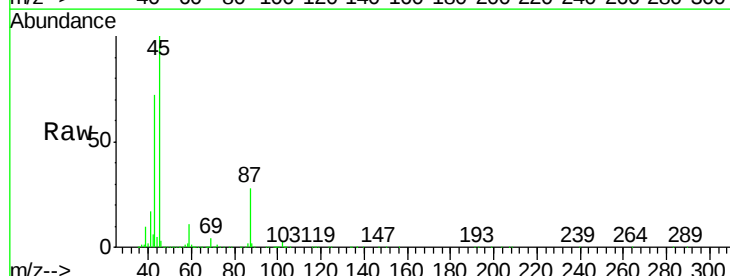
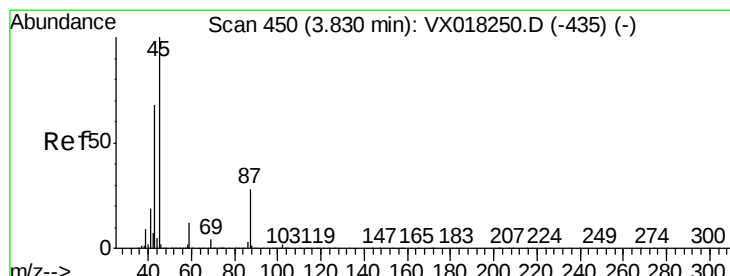
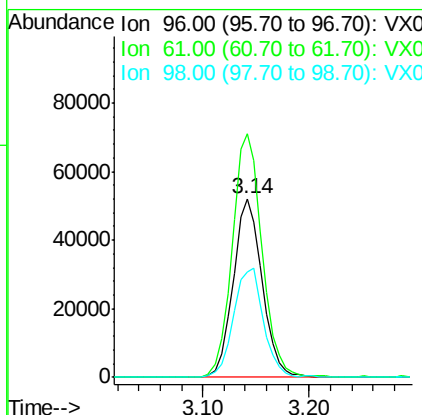
#19
trans-1,2-Dichloroethene
Concen: 21.106 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	136.6	112.8	169.2		
98	59.0	51.0	76.4		

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

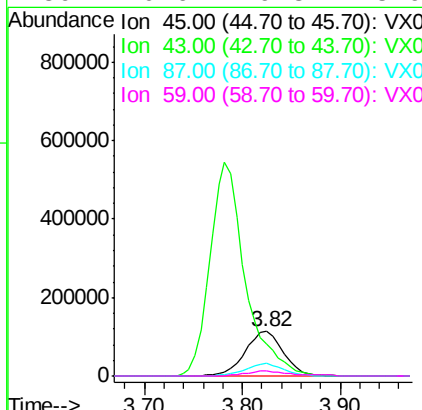
Manual Integrations
APPROVED

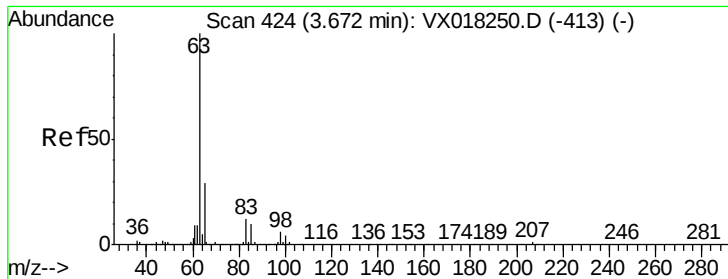
MMDadoda
9/14/2020 12:09:41 PM



#20
Diisopropyl ether
Concen: 20.527 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
45	100				
43	71.0	54.5	81.7		
87	28.0	22.2	33.2		
59	10.6	9.3	13.9		





#21

1,1-Dichloroethane

Concen: 20.318 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

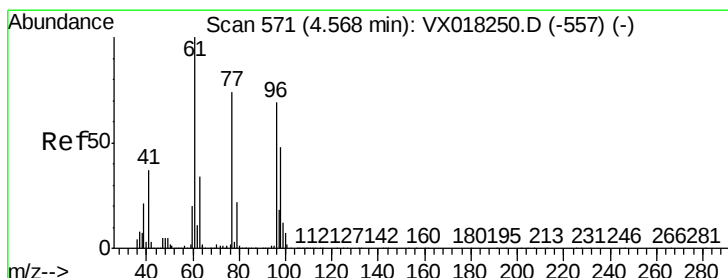
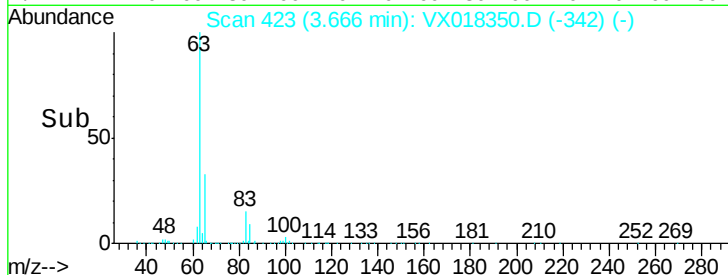
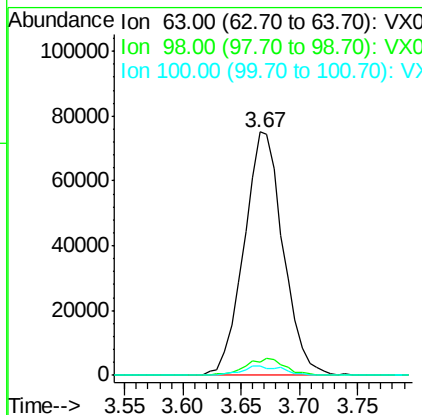
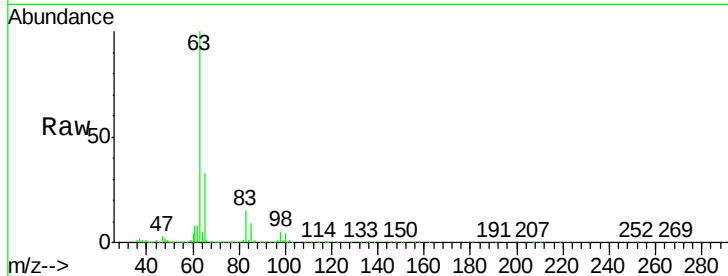
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	175580		
98	5.2	3.2	9.6	
100	4.0	2.1	6.3	

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 20.533 ug/l

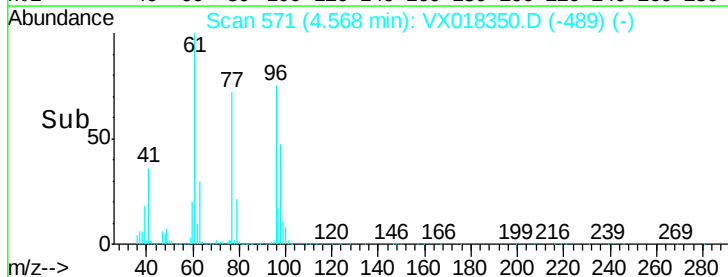
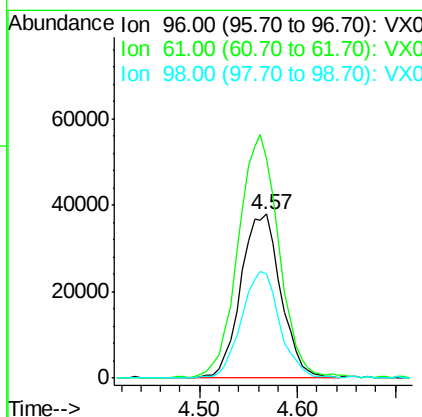
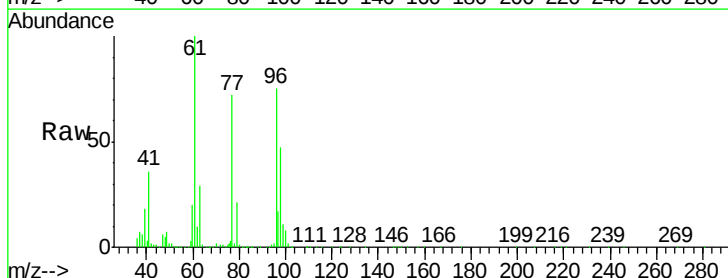
RT: 4.57 min Scan# 571

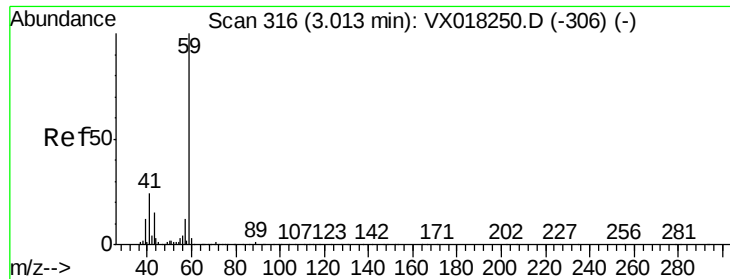
Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	107322		
61	150.8	116.2	174.4	
98	62.3	52.5	78.7	





#23

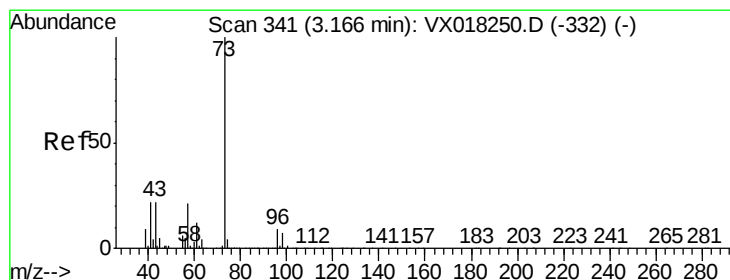
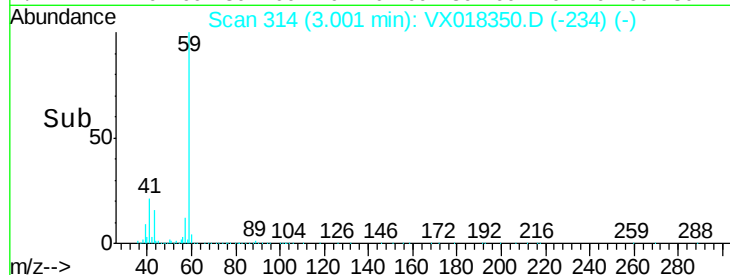
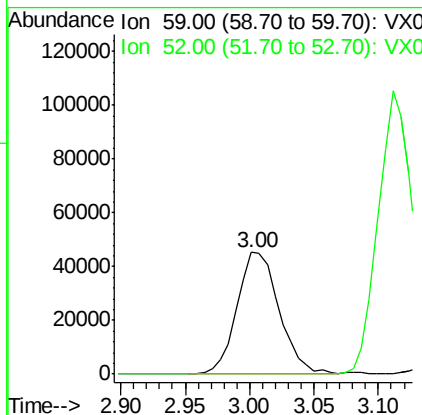
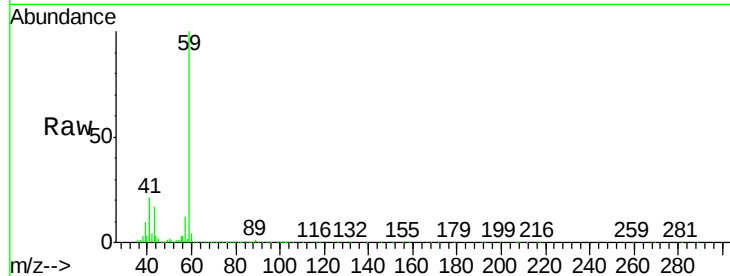
tert-Butyl Alcohol
 Concen: 93.094 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.4	0.4	0.6

Manual Integrations
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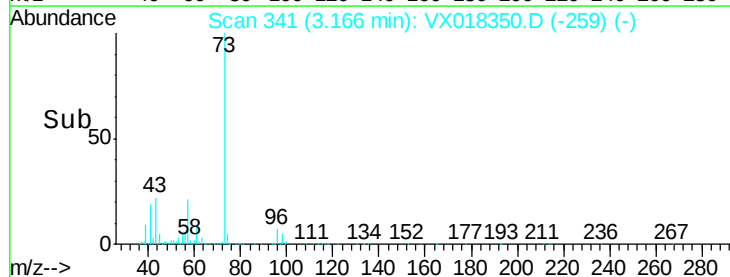
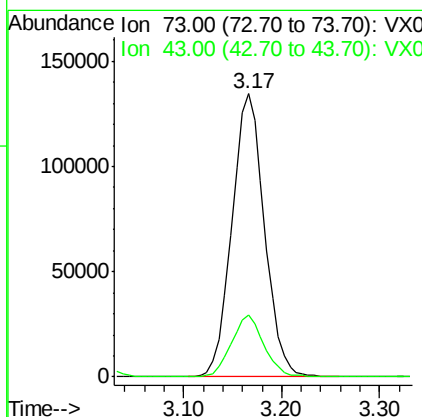
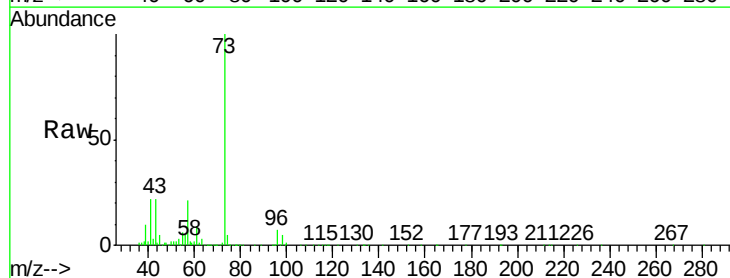
MMDadoda
 9/14/2020 12:09:41 PM

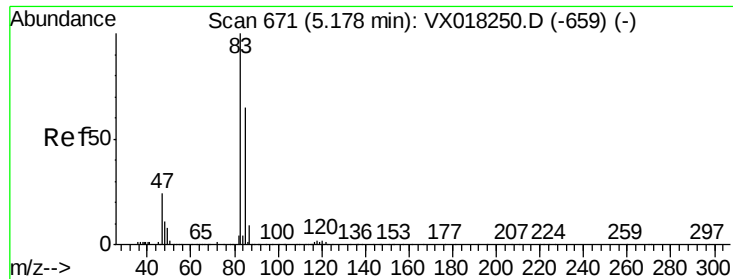


#24

Methyl tert-Butyl Ether
 Concen: 20.468 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.5	17.8	26.6





#25

Chloroform

Concen: 20.387 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 188024

Ion Ratio Lower Upper

83 100

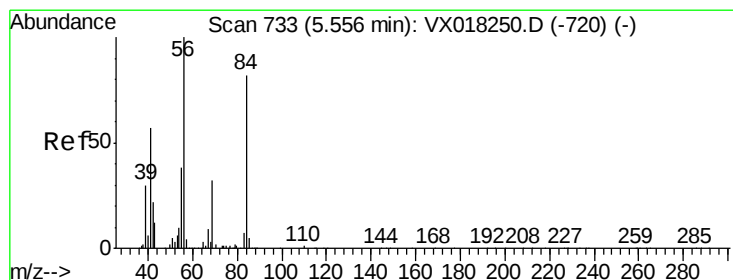
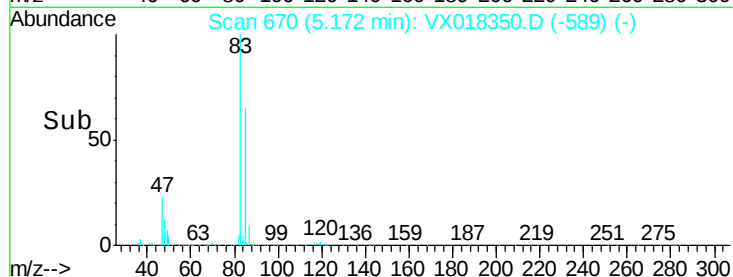
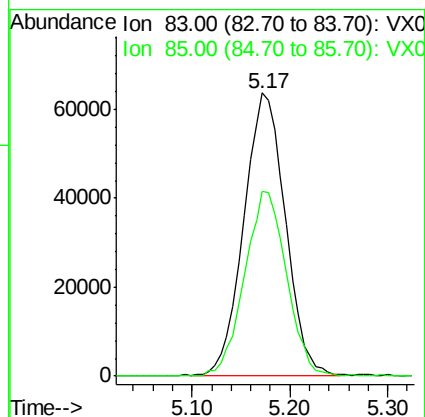
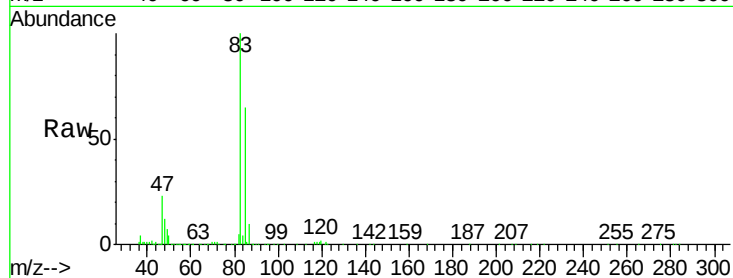
85 65.3 51.6 77.4

Manual Integrations

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#26

Cyclohexane

Concen: 20.501 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

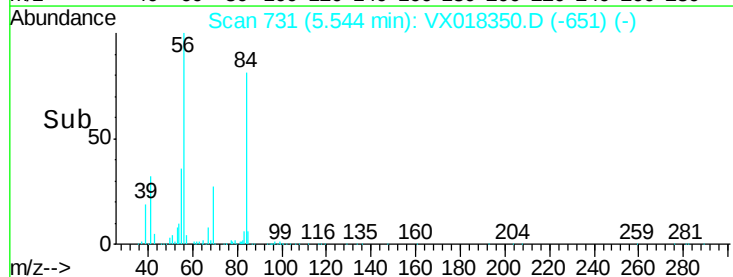
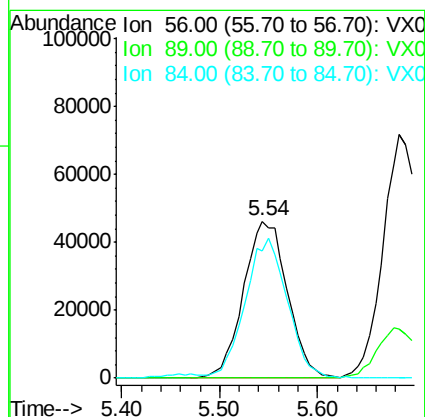
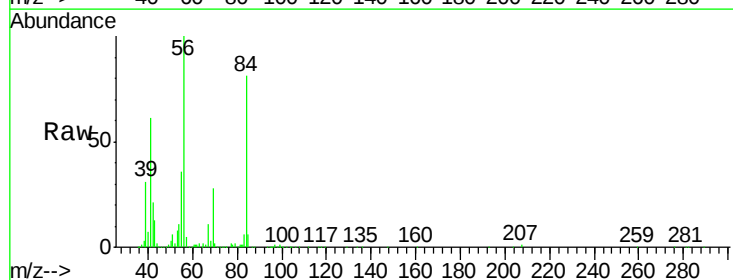
Tgt Ion: 56 Resp: 142996

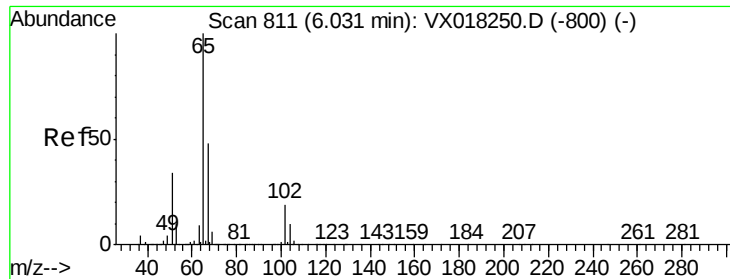
Ion Ratio Lower Upper

56 100

89 0.1 0.1 0.1#

84 85.8 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 29.462 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 196605

Ion Ratio Lower Upper

65 100

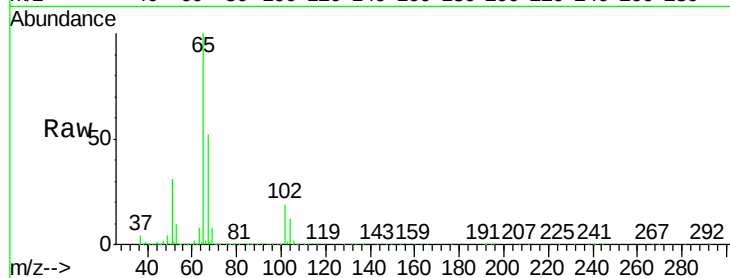
67 51.5 39.9 59.9

Manual Integrations

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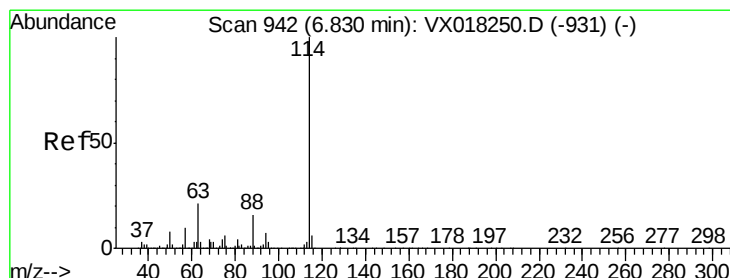
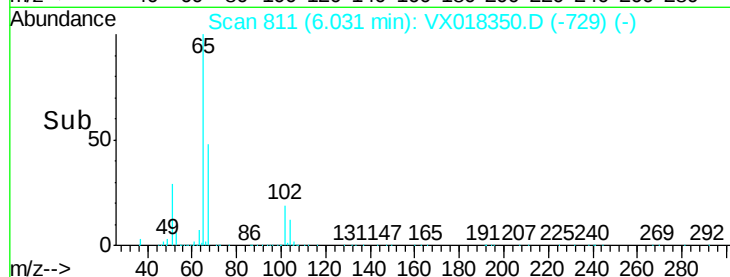
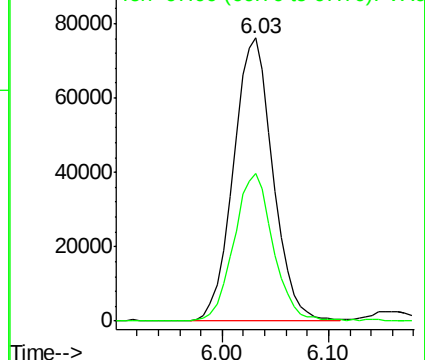
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

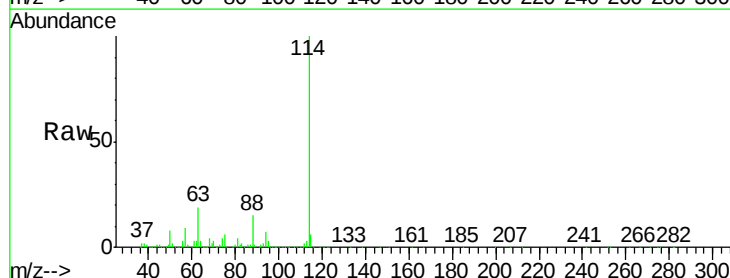
Tgt Ion: 114 Resp: 436274

Ion Ratio Lower Upper

114 100

63 20.5 16.7 25.1

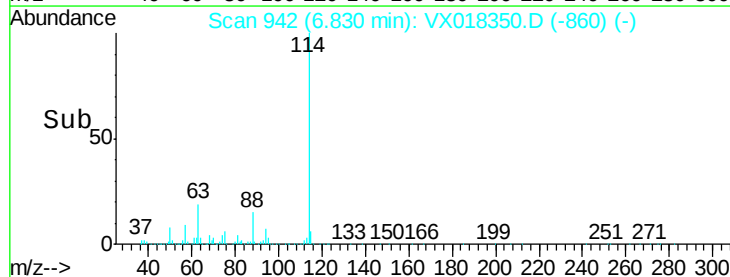
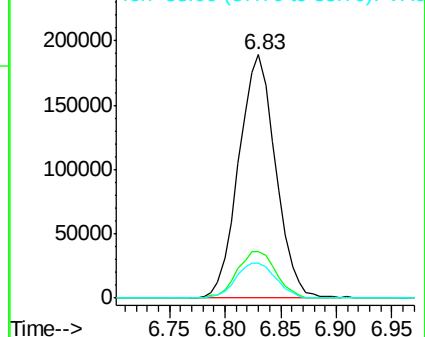
88 15.6 12.6 18.8

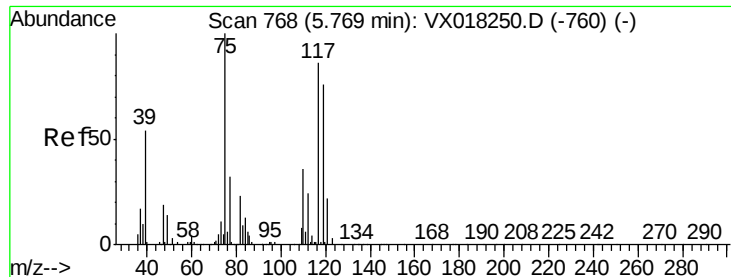


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 20.747 ug/l

RT: 5.77 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

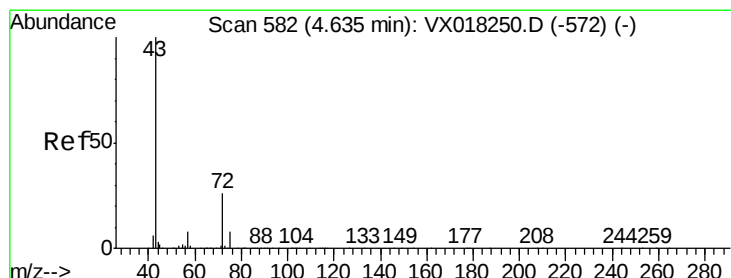
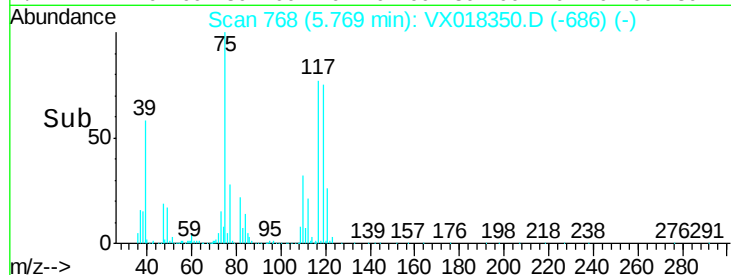
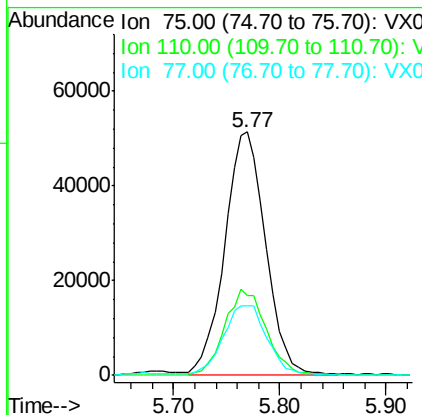
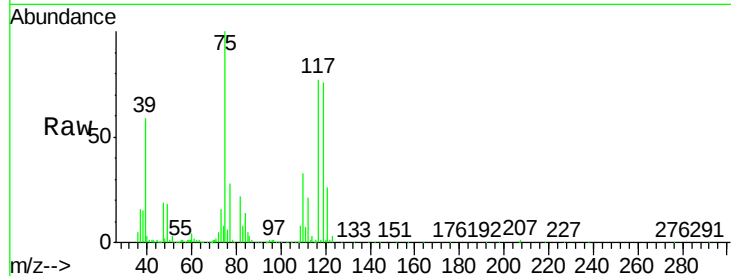
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	138167
Ion Ratio	Lower	Upper	
75	100		
110	35.9	0.0	72.2
77	30.7	0.0	61.0

Manual Integrations
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#30

2-Butanone

Concen: 98.210 ug/l

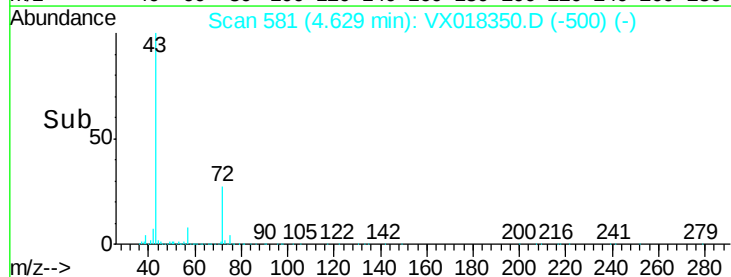
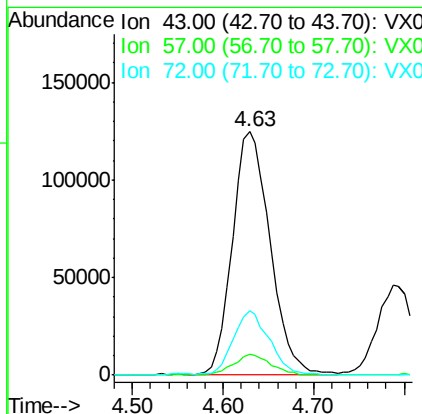
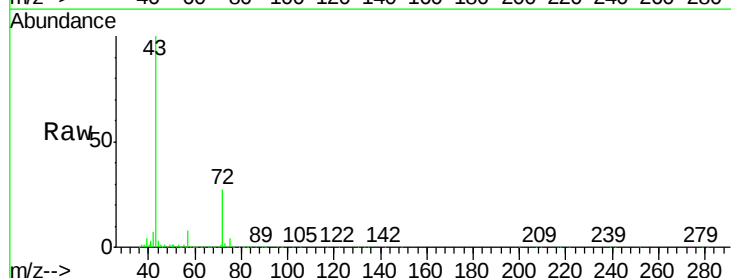
RT: 4.63 min Scan# 581

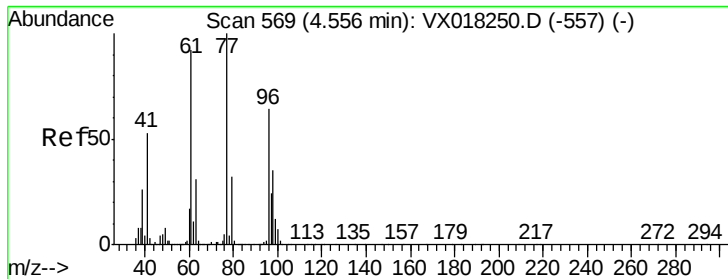
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	43	Resp:	358115
Ion Ratio	Lower	Upper	
43	100		
57	8.5	6.7	10.1
72	25.0	20.0	30.0





#31

2,2-Dichloropropane

Concen: 21.167 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 170270

Ion Ratio Lower Upper

77 100

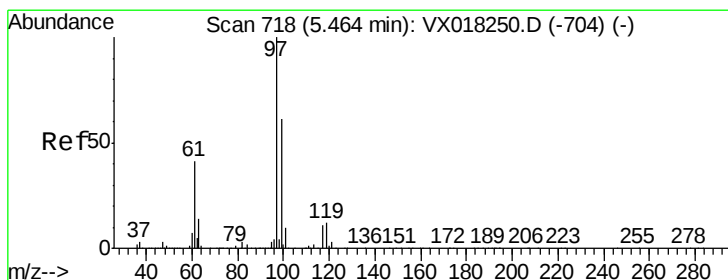
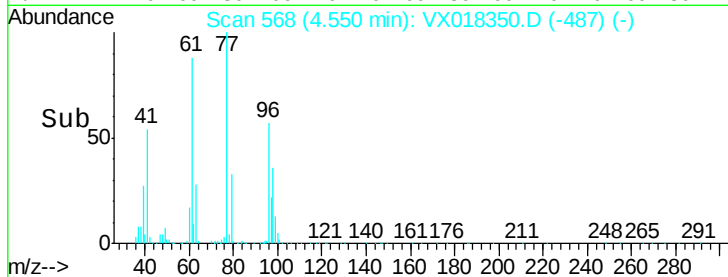
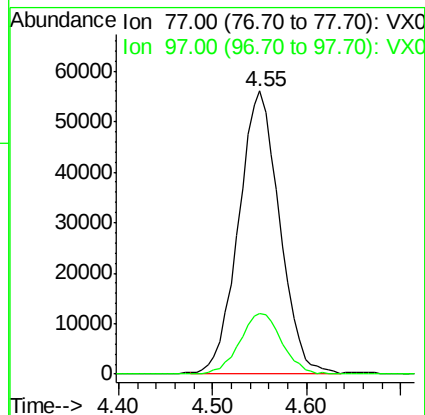
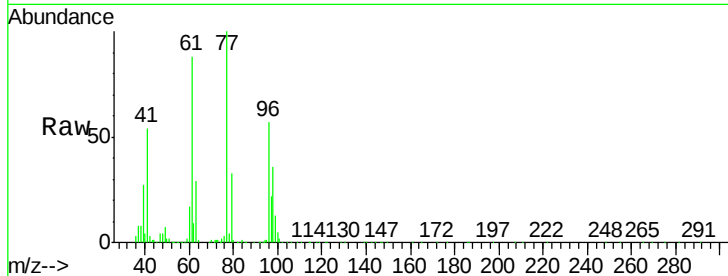
97 21.9 18.1 27.1

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 20.926 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

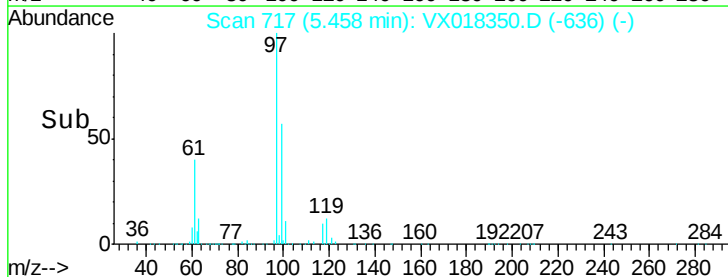
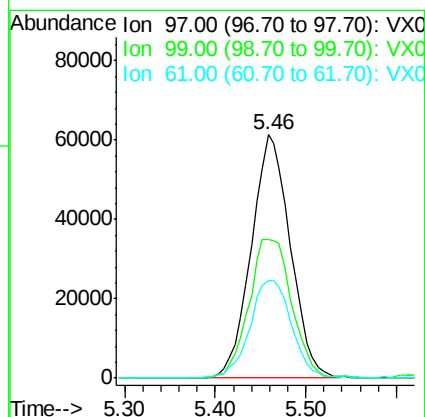
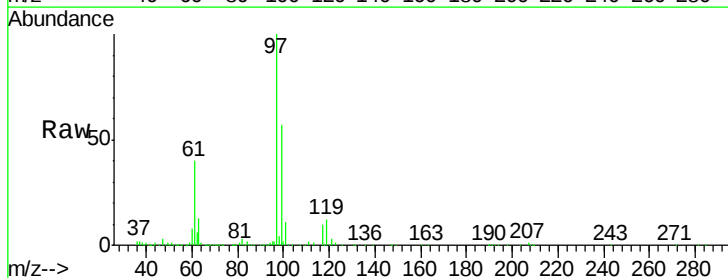
Tgt Ion: 97 Resp: 182412

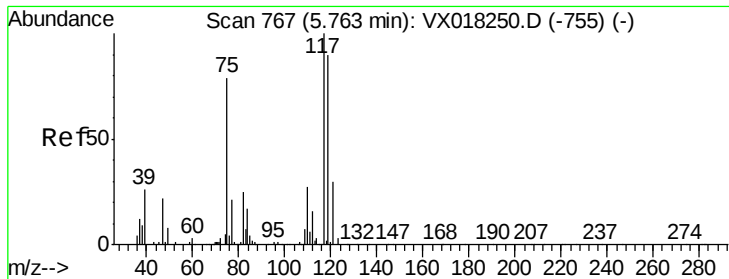
Ion Ratio Lower Upper

97 100

99 62.6 50.7 76.1

61 42.9 34.5 51.7





#33

Carbon Tetrachloride

Concen: 20.630 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

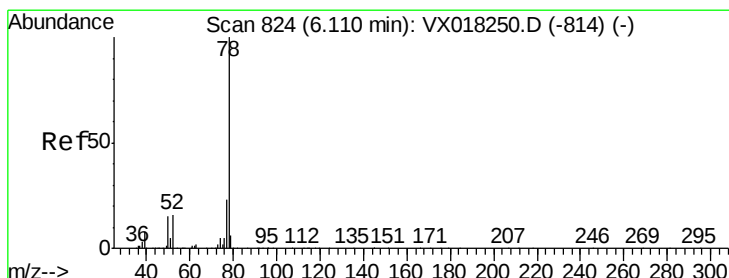
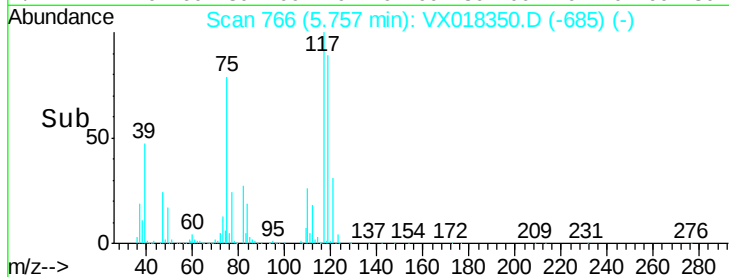
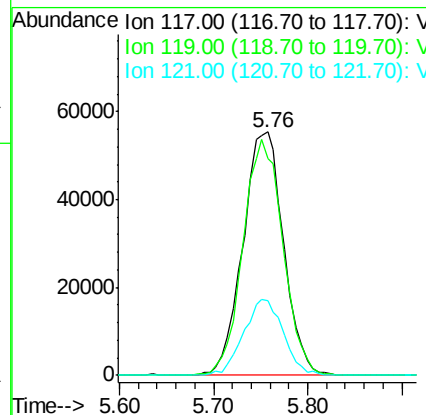
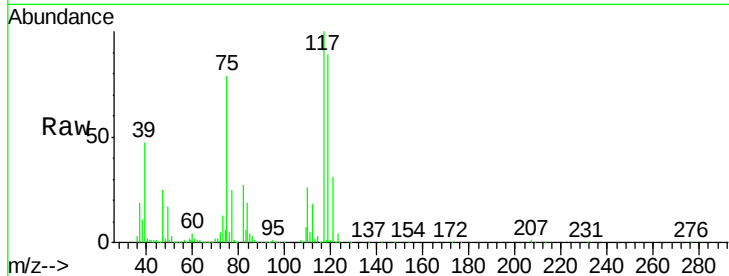
ClientSampleId :

VSTDCCC020

Tot Ion:	117	Resp:	167573
Ion Ratio	Lower	Upper	
117	100		
119	89.2	72.3	108.5
121	30.9	24.1	36.1

Manual Integrations
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#34

Benzene

Concen: 20.687 ug/l

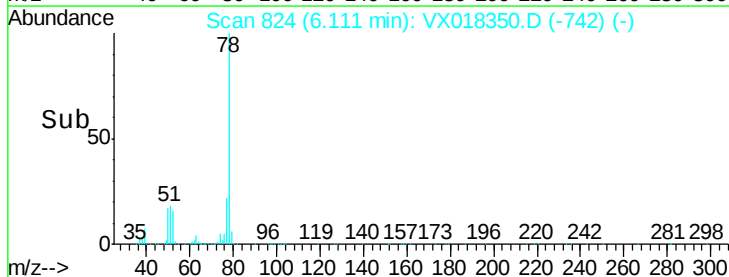
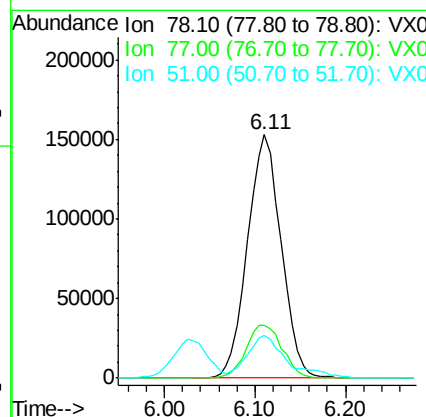
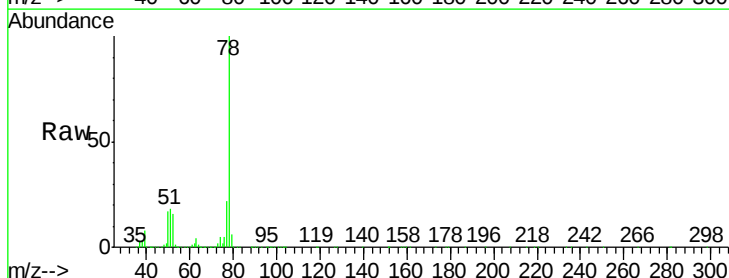
RT: 6.11 min Scan# 824

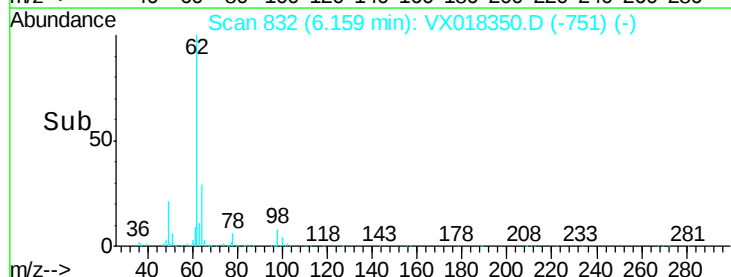
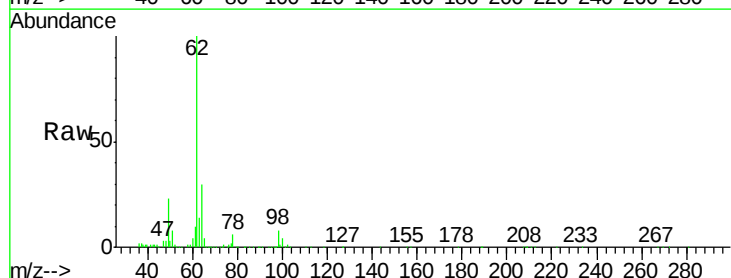
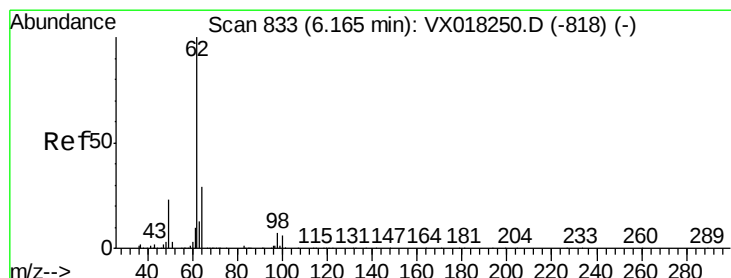
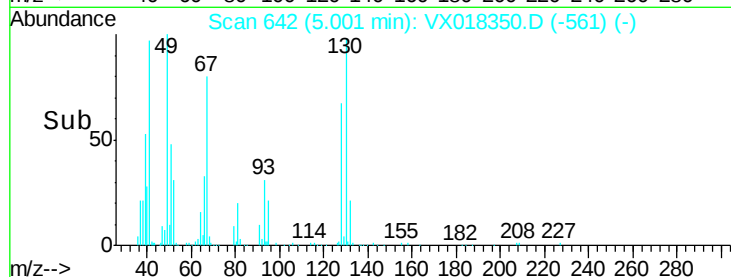
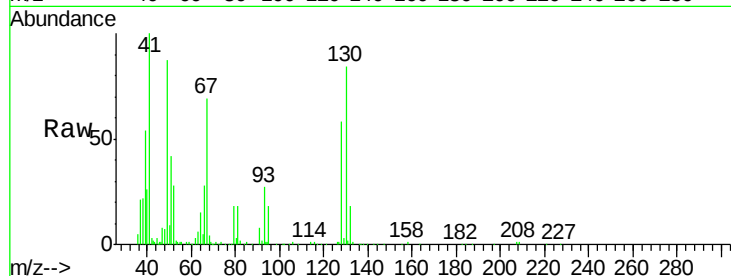
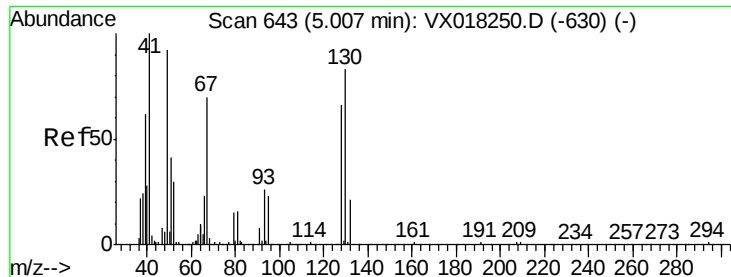
Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

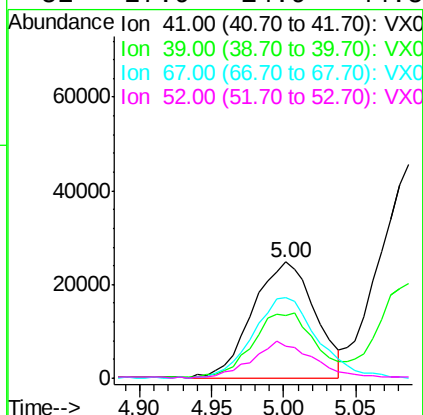
Tgt Ion:	78	Resp:	393249
Ion Ratio	Lower	Upper	
78	100		
77	21.8	18.3	27.5
51	17.1	11.3	16.9#





#35
Methacrylonitrile
Concen: 19.323 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.0	31.3	93.9	
67	69.7	35.4	106.2	
52	27.9	14.9	44.5	



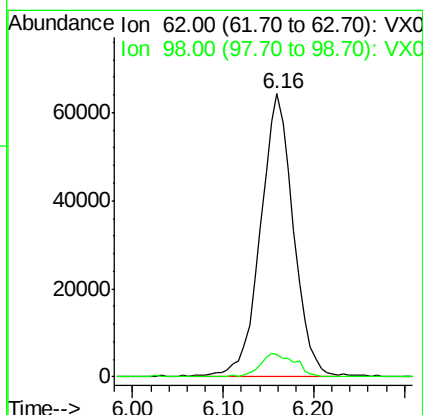
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

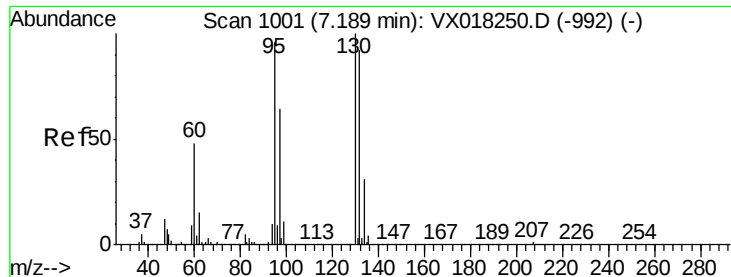
Manual Integrations
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#36
1,2-Dichloroethane
Concen: 20.434 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.8	0.0	0.0#	





#37

Trichloroethene

Concen: 20.597 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 113221

Ion Ratio Lower Upper

130 100

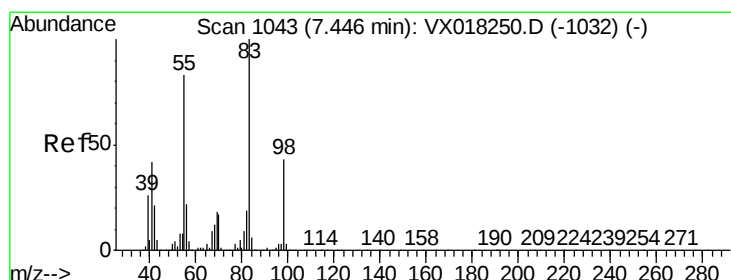
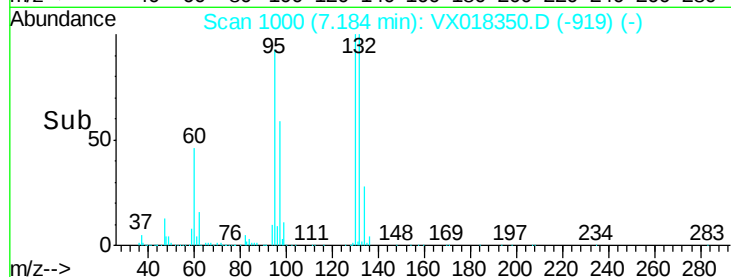
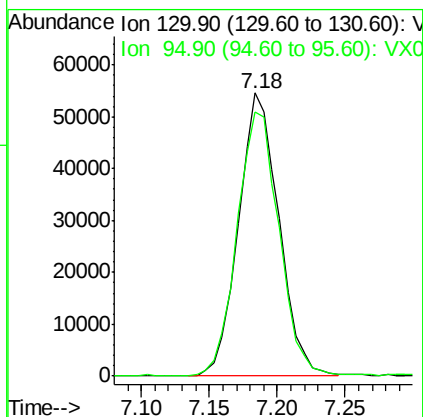
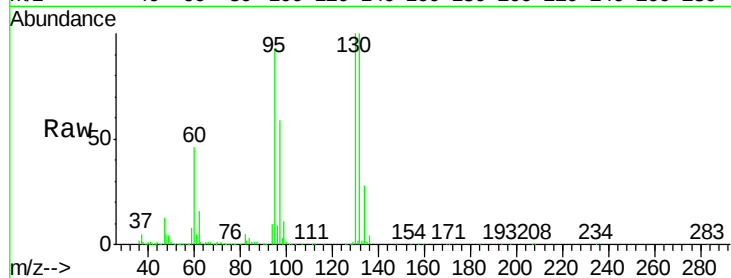
95 92.8 76.9 115.3

Manual Integrations

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#38

Methylcyclohexane

Concen: 20.817 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

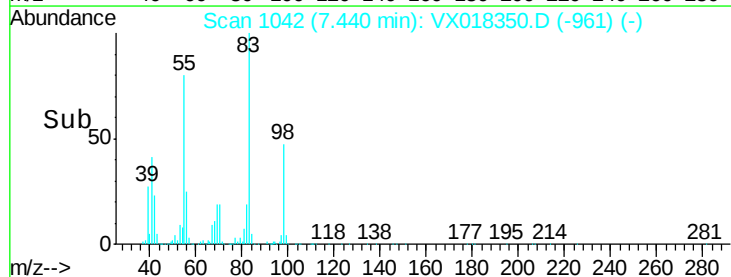
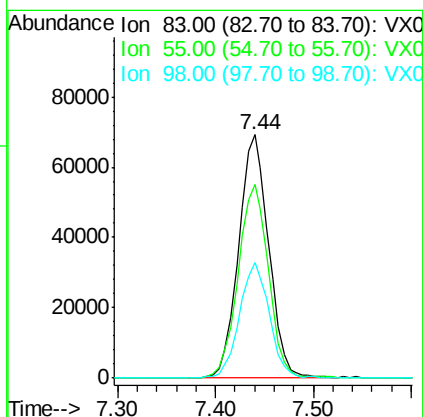
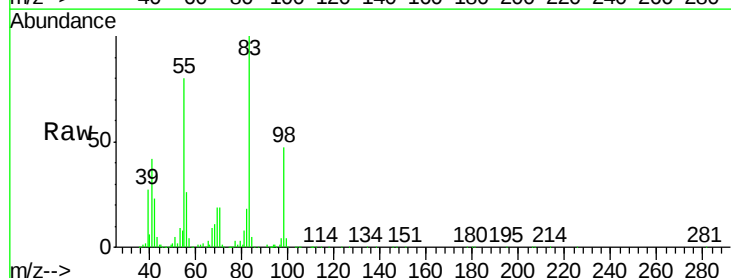
Tgt Ion: 83 Resp: 147668

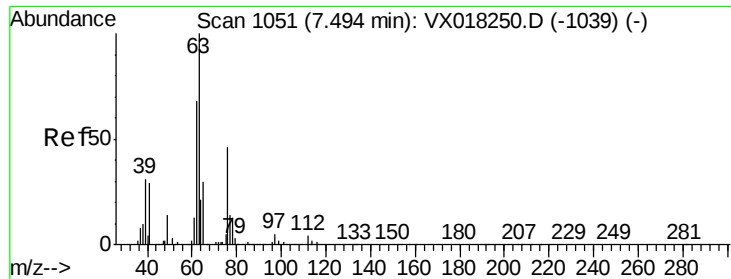
Ion Ratio Lower Upper

83 100

55 80.0 41.1 123.4

98 46.7 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.671 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 100156

Ion Ratio Lower Upper

63 100

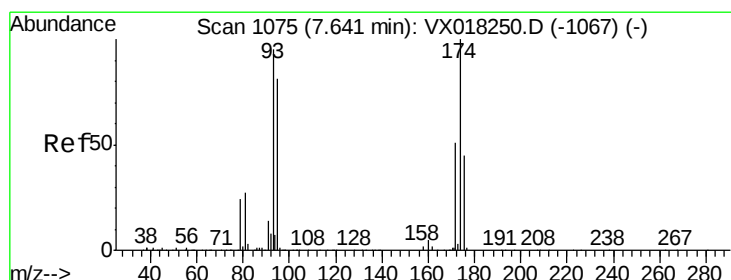
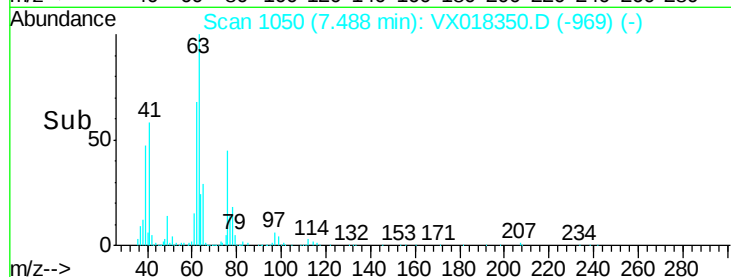
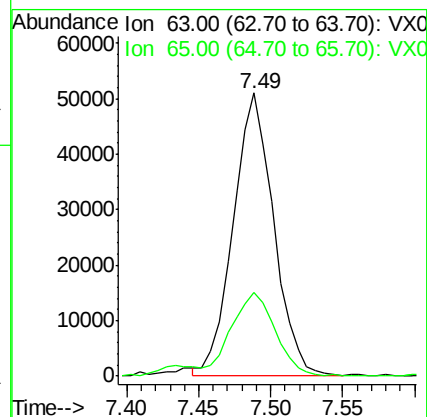
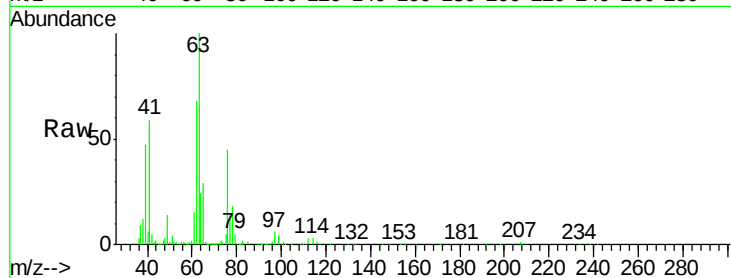
65 29.3 25.7 38.5

Manual Integrations

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#40

Dibromomethane

Concen: 19.972 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

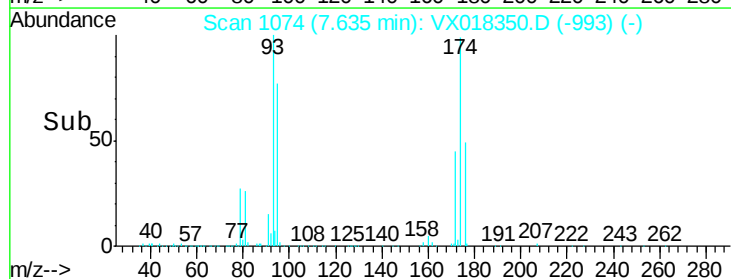
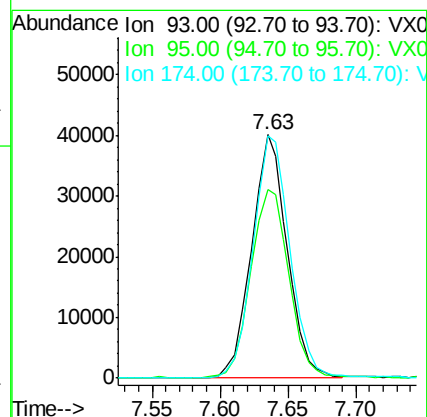
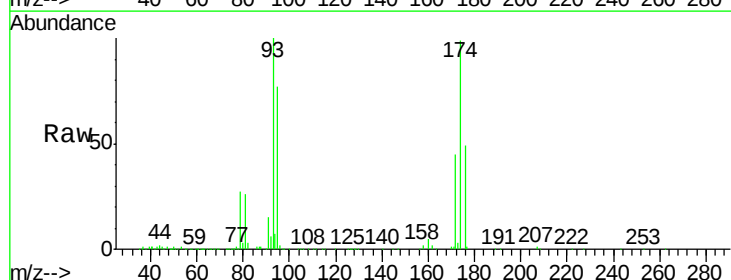
Tgt Ion: 93 Resp: 73432

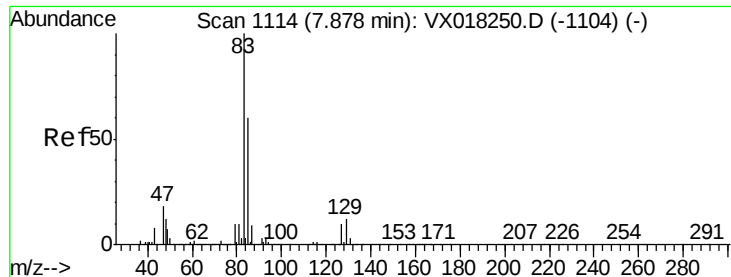
Ion Ratio Lower Upper

93 100

95 82.9 0.0 167.0

174 103.3 0.0 202.0





#41

Bromodichloromethane

Concen: 20.225 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

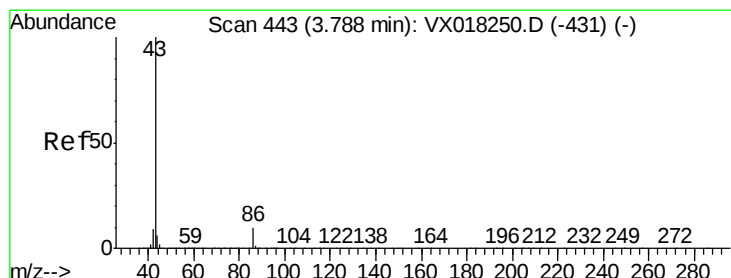
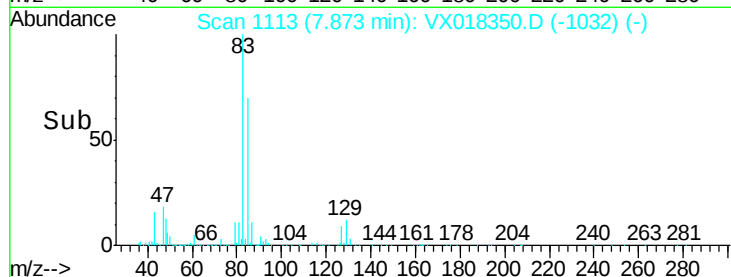
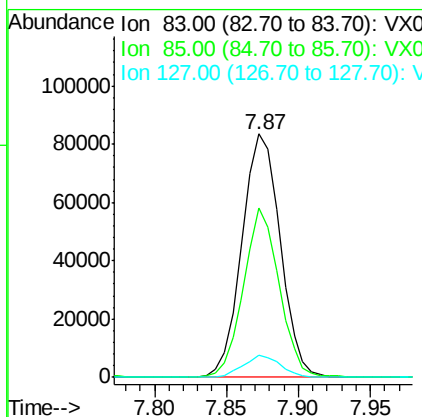
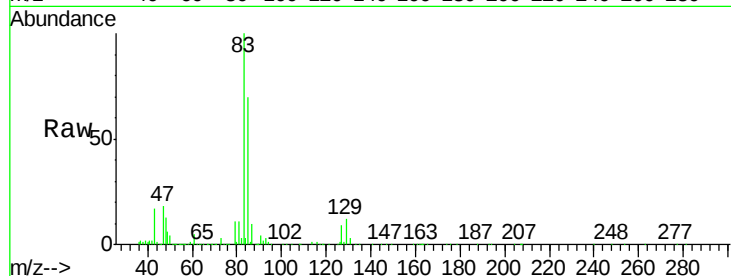
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	154117
Ion Ratio	Lower	Upper	
83	100		
85	69.5	48.2	72.2
127	8.9	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 100.373 ug/l

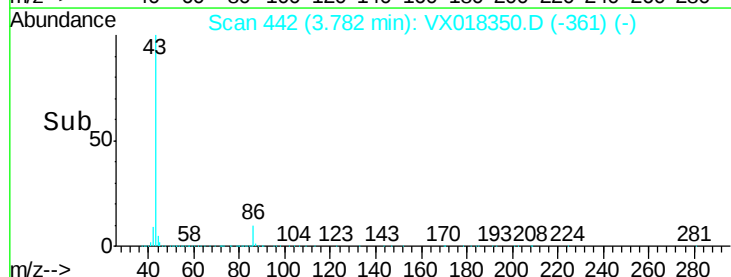
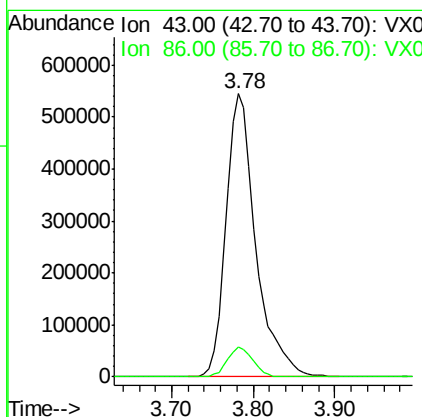
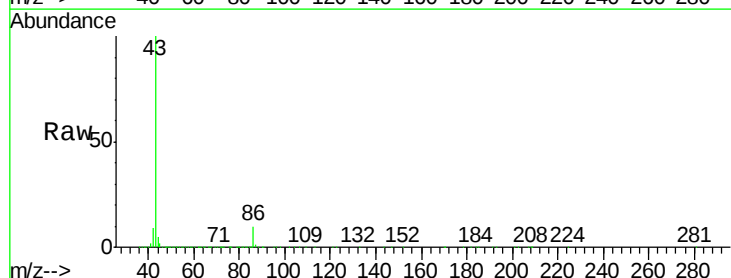
RT: 3.78 min Scan# 442

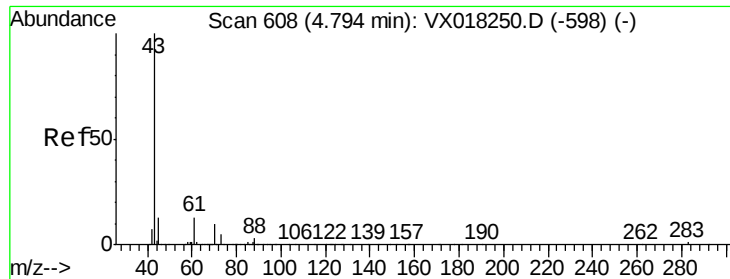
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	43	Resp:	1365514
Ion Ratio	Lower	Upper	
43	100		
86	9.2	7.2	10.8





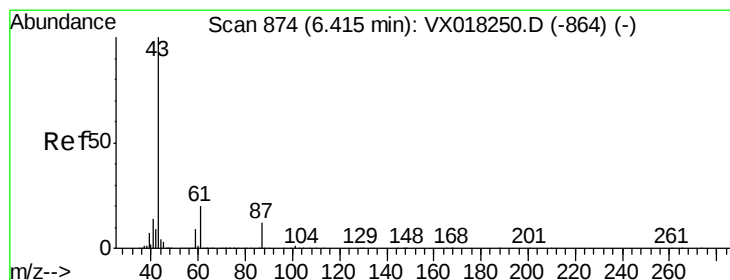
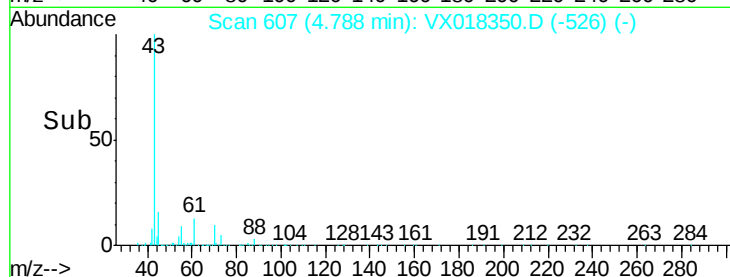
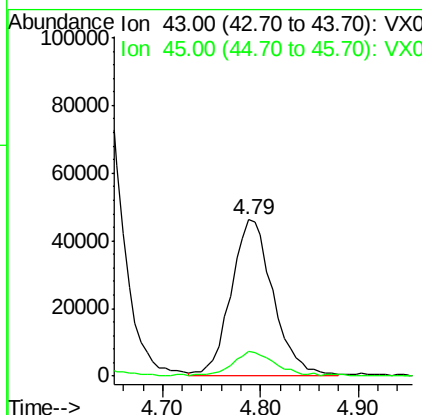
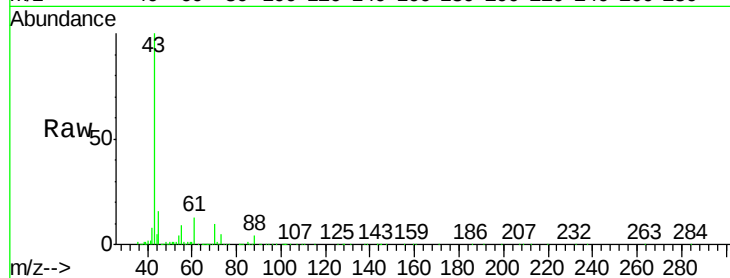
#43
Ethyl Acetate
Concen: 18.815 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Ratio	Lower	Upper
136422	100			
45	15.0	11.2	16.8	

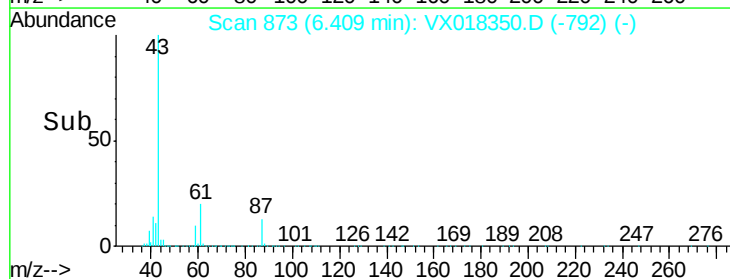
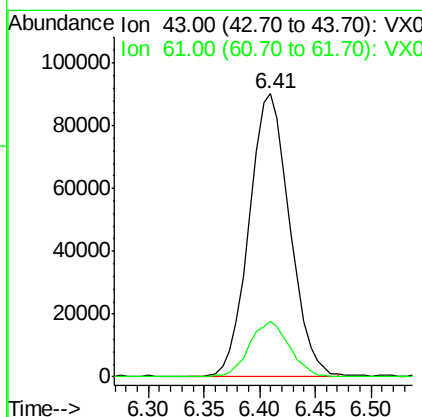
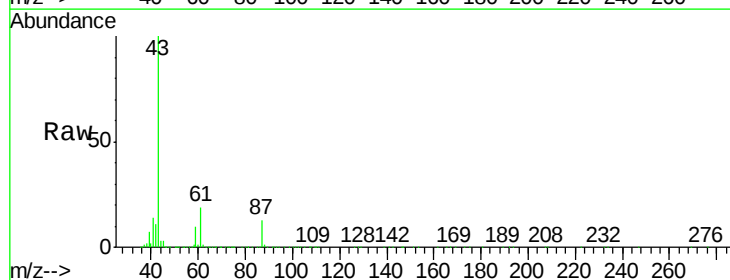
Manual Integrations
APPROVED

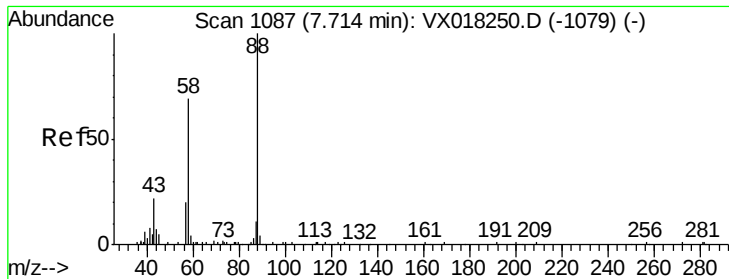
MMDadoda
9/14/2020 12:09:41 PM



#44
Isopropyl Acetate
Concen: 19.485 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	43	Ratio	Lower	Upper
227685	100			
61	19.4	14.6	22.0	





#45

1,4-Dioxane

Concen: 397.837 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

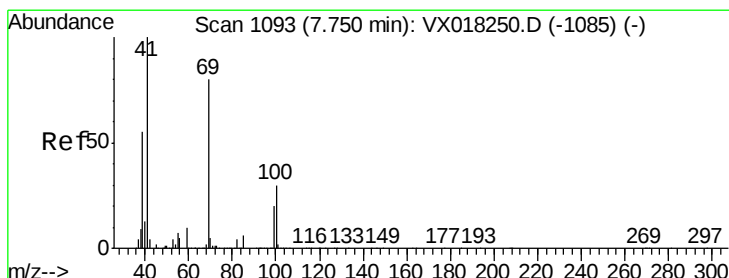
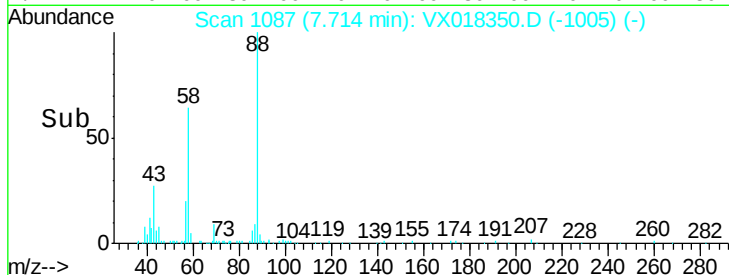
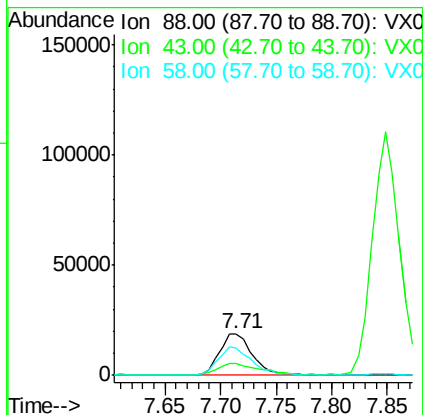
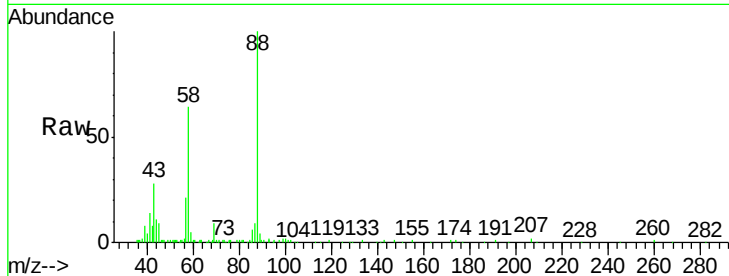
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	38837
Ion	Ratio	Lower	Upper
88	100		
43	35.4	13.6	20.4#
58	68.5	58.2	87.4

Manual Integrations
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#46

Methyl methacrylate

Concen: 19.080 ug/l

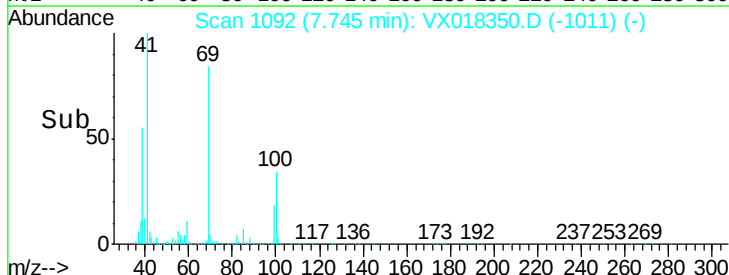
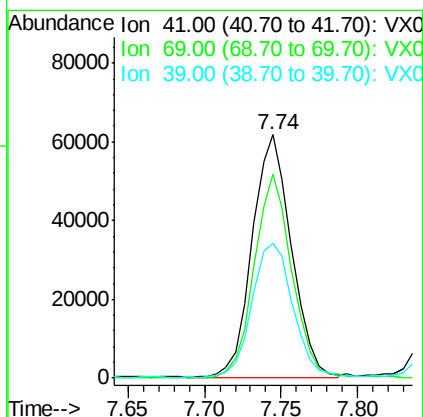
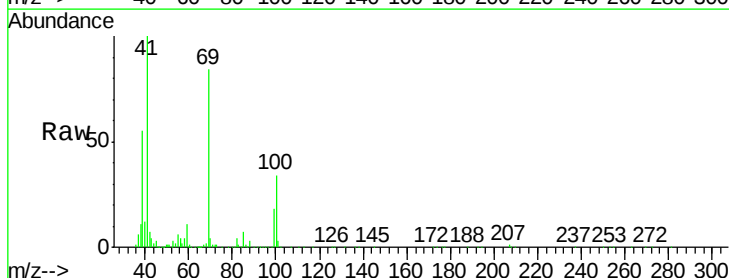
RT: 7.74 min Scan# 1092

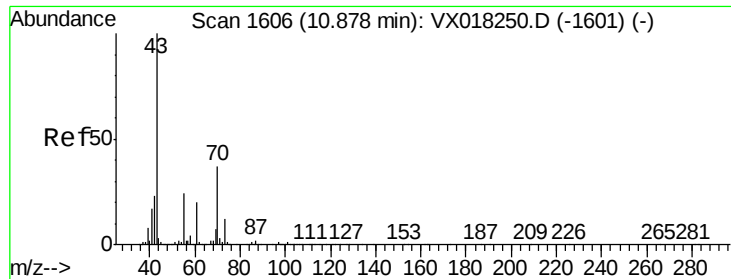
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	41	Resp:	109726
Ion	Ratio	Lower	Upper
41	100		
69	84.1	40.3	120.8
39	55.2	27.3	81.9





#47

n-amvl Acetate

Concen: 18.949 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 194560

Ion Ratio Lower Upper

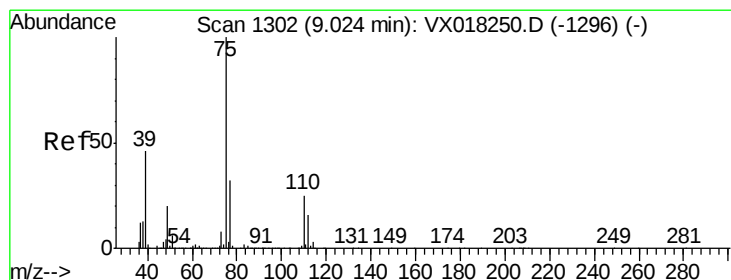
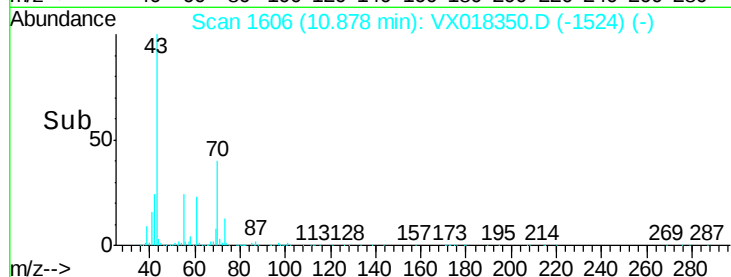
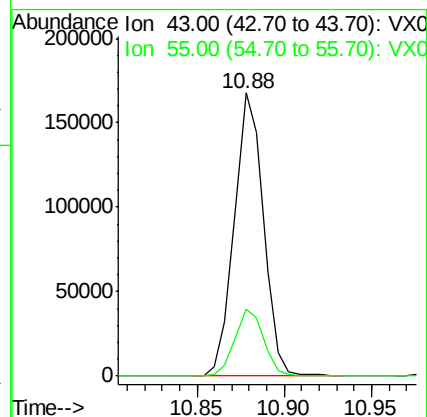
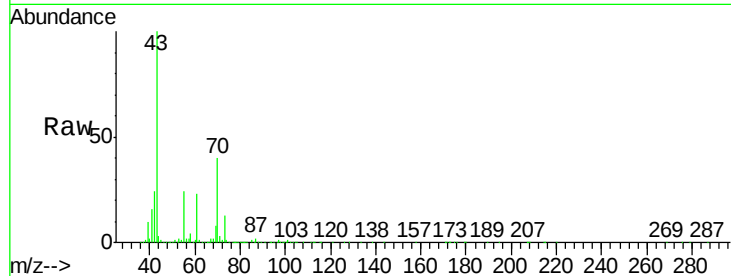
43 100

55 23.6 18.9 28.3

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 19.921 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018350.D

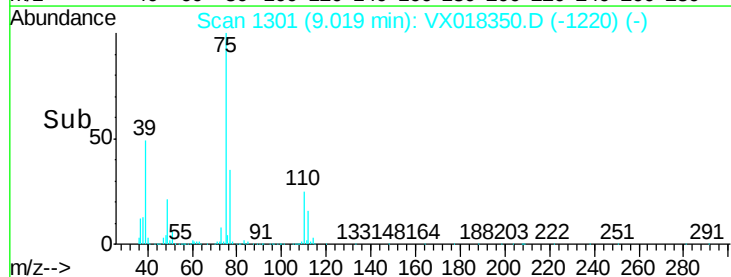
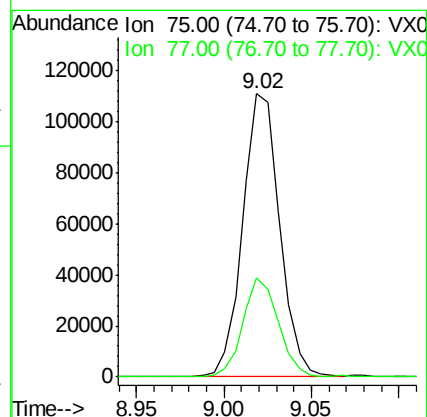
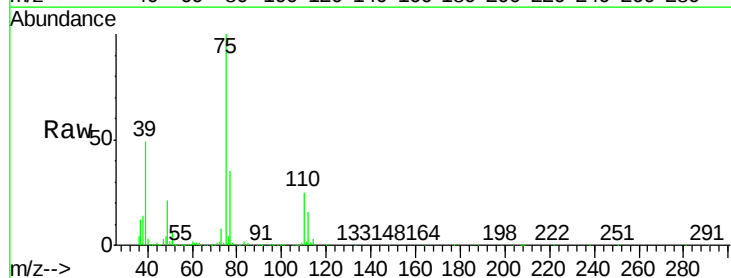
Acq: 11 Sep 2020 09:54

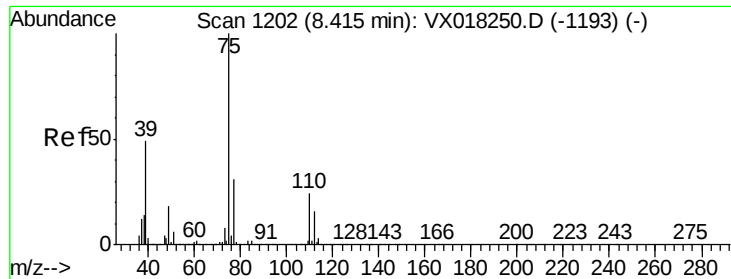
Tgt Ion: 75 Resp: 163065

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2





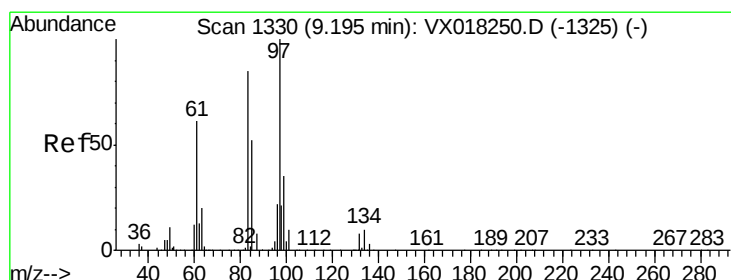
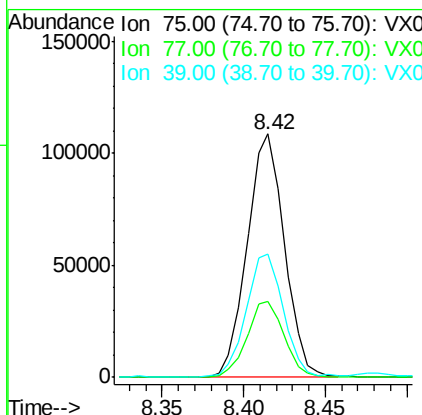
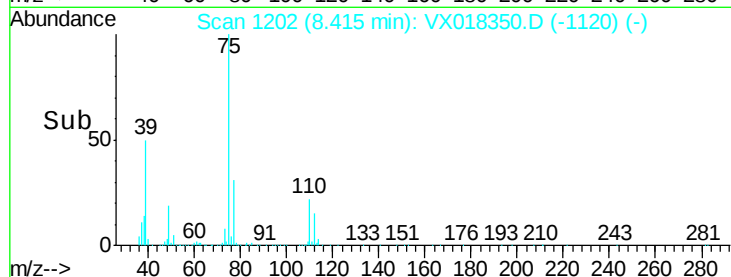
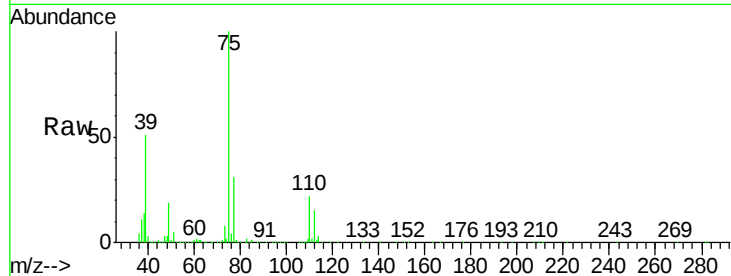
#49
 cis-1,3-Dichloropropene
 Concen: 20.122 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	24.7	37.1
39	50.4	39.6	59.4

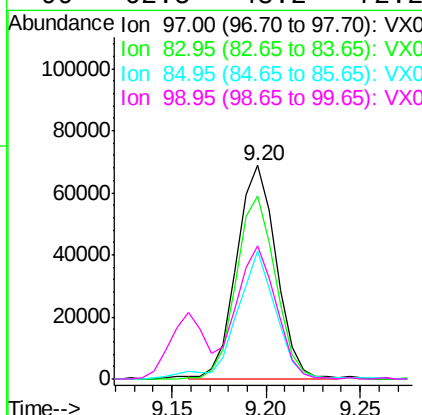
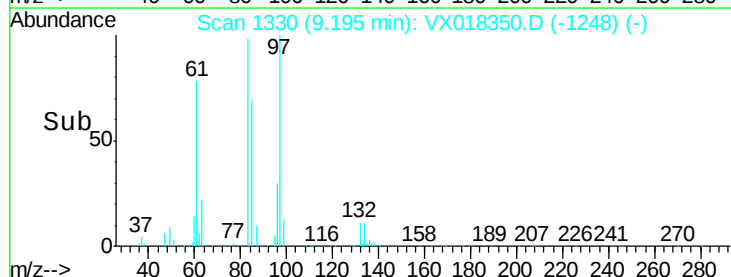
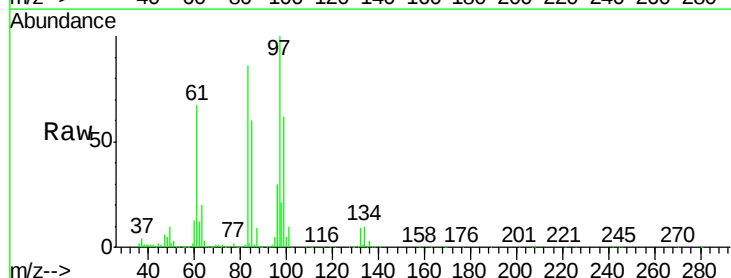
Manual Integrations
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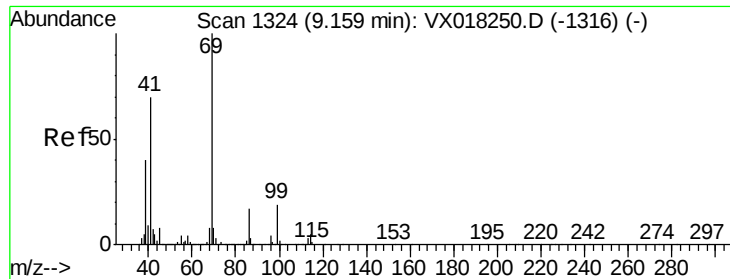
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 19.682 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.1	102.1
85	59.8	42.6	64.0
99	62.5	48.2	72.2





#51

Ethyl methacrylate

Concen: 19.440 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

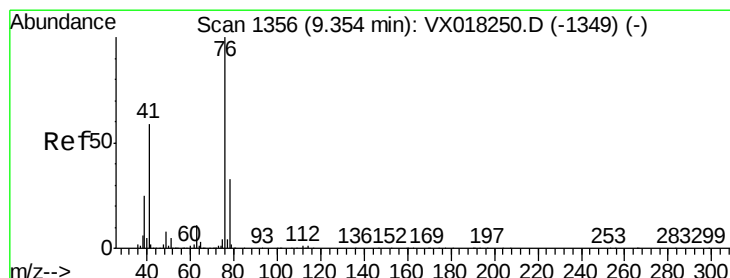
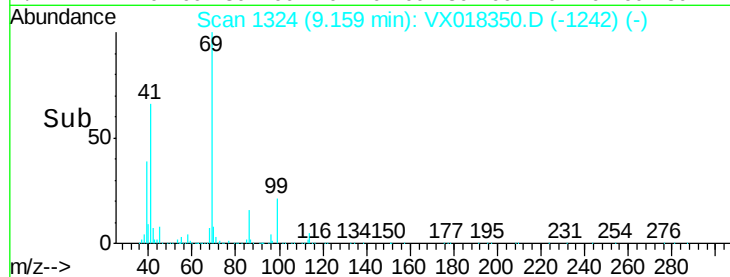
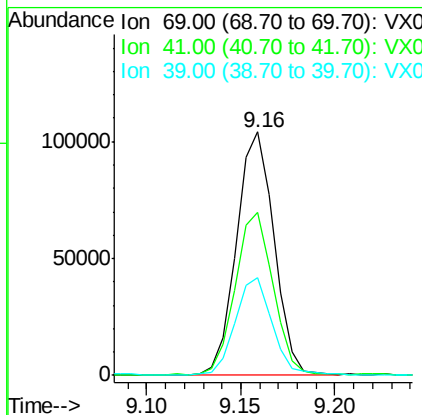
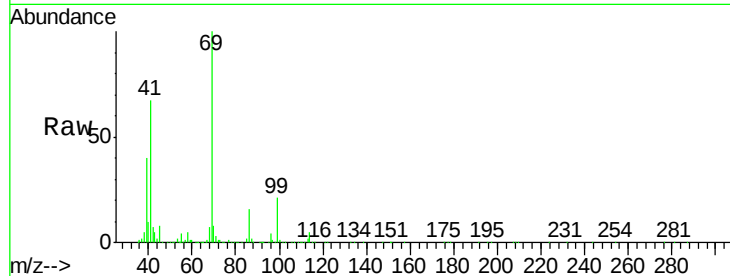
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	144281
Ion Ratio	Lower	Upper	
69	100		
41	67.1	34.9	104.7
39	39.9	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.756 ug/l

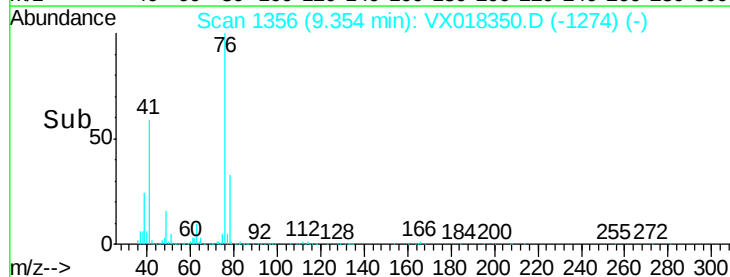
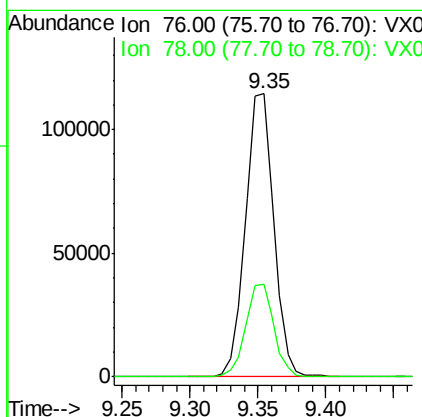
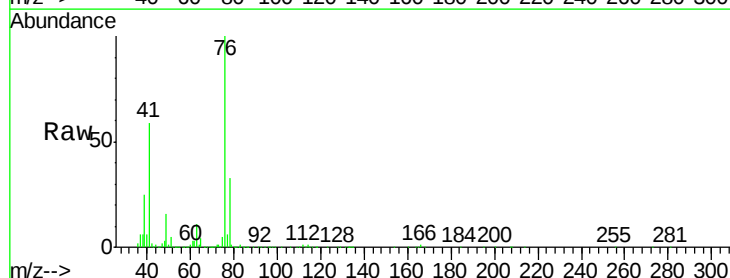
RT: 9.35 min Scan# 1356

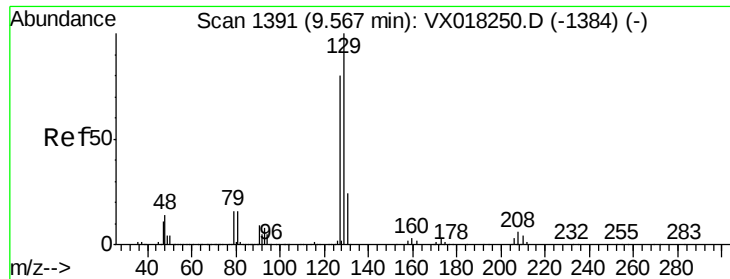
Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	76	Resp:	168006
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	62.2





#53

Dibromochloromethane

Concen: 19.879 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 126632

Ion Ratio Lower Upper

129 100

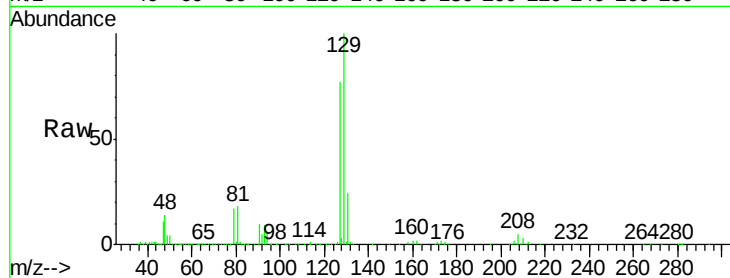
127 75.5 38.9 116.6

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

100000

80000

60000

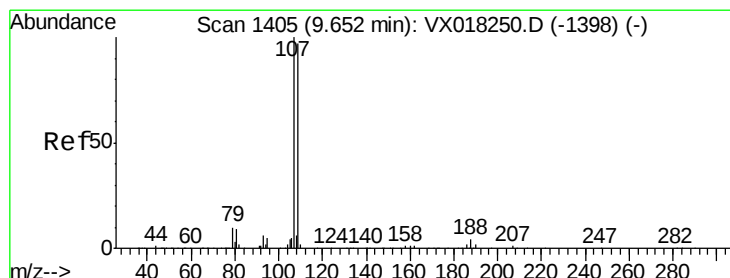
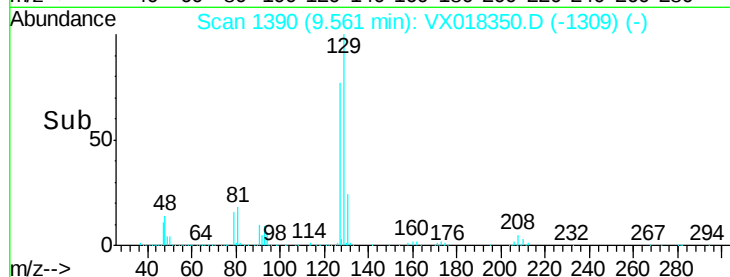
40000

20000

0

9.50 9.55 9.60

Time-->



#54

1,2-Dibromoethane

Concen: 19.573 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018350.D

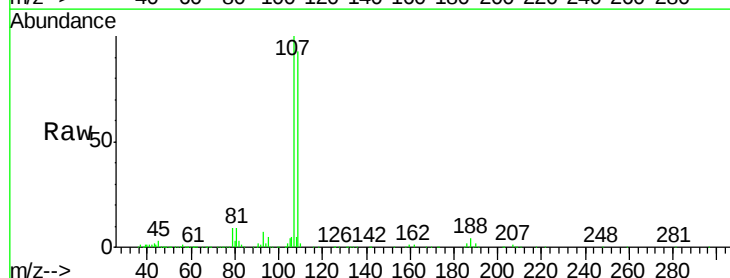
Acq: 11 Sep 2020 09:54

Tgt Ion:107 Resp: 110006

Ion Ratio Lower Upper

107 100

109 94.9 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

80000

60000

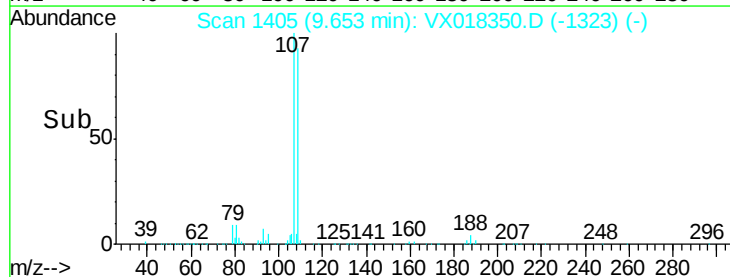
40000

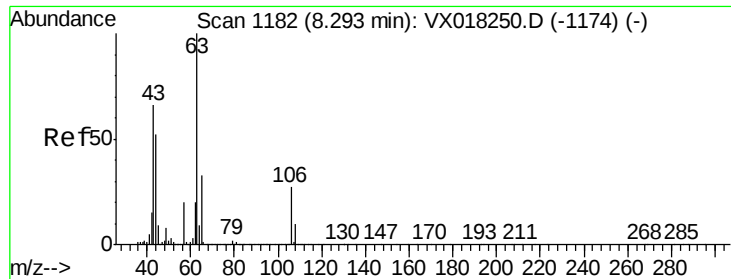
20000

0

9.60 9.65 9.70

Time-->





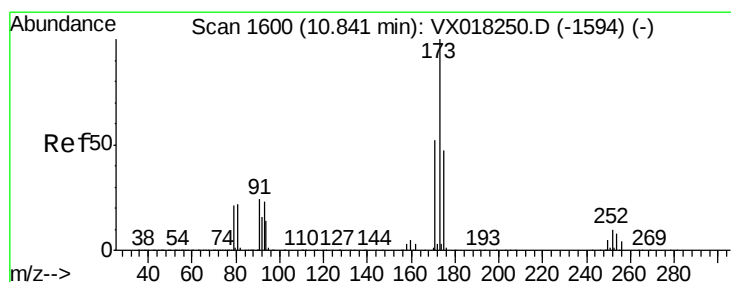
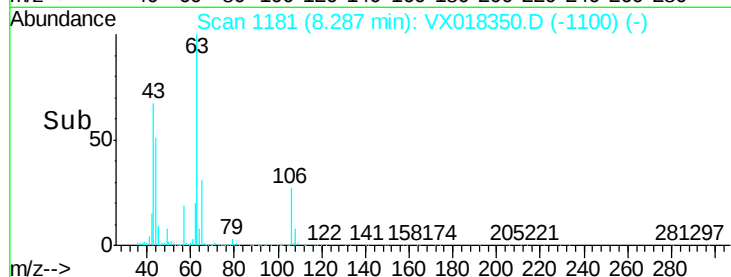
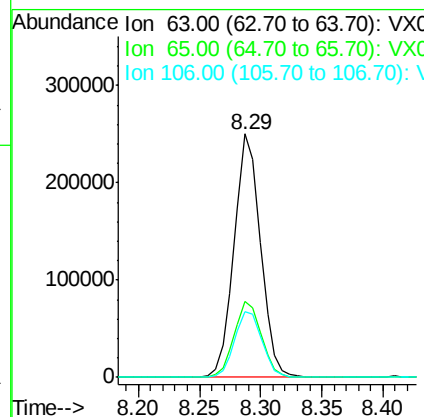
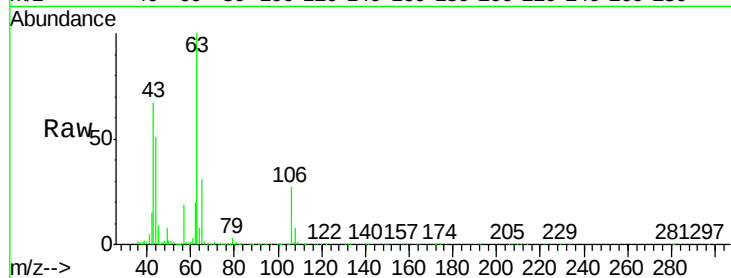
#55
2-Chloroethyl vinyl ether
Concen: 95.953 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.0	39.0
106	28.3	22.3	33.5

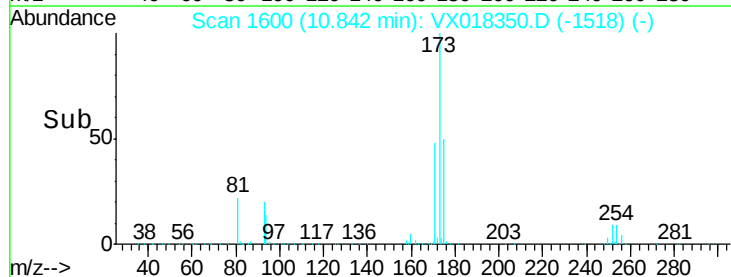
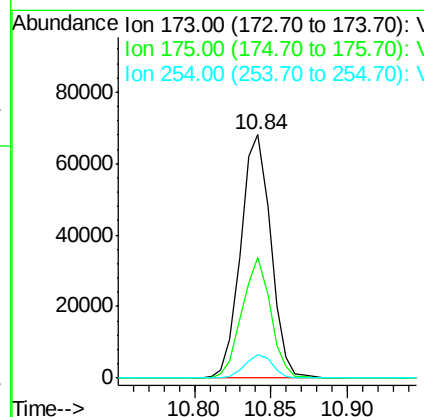
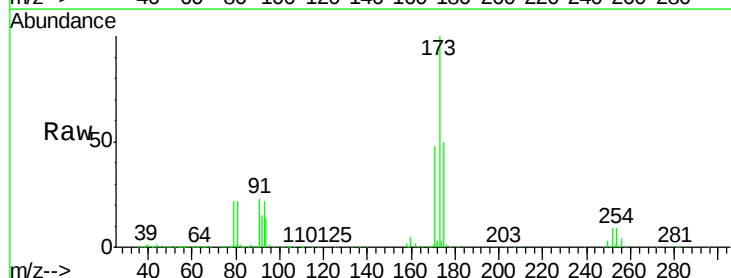
Manual Integrations
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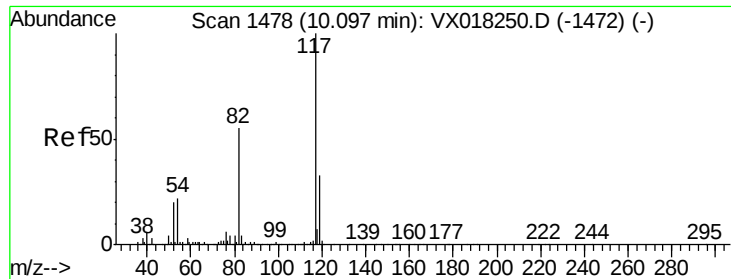
MMDadoda
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#56
Bromoform
Concen: 19.230 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.4	40.2	60.2
254	8.9	7.3	10.9





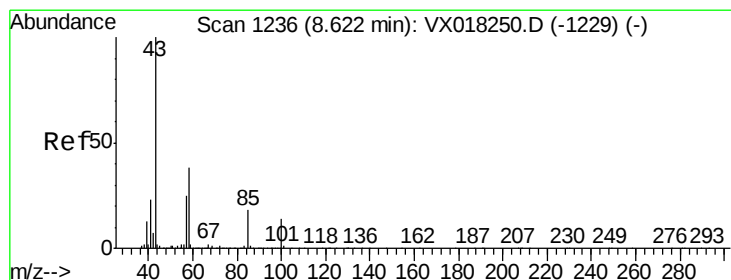
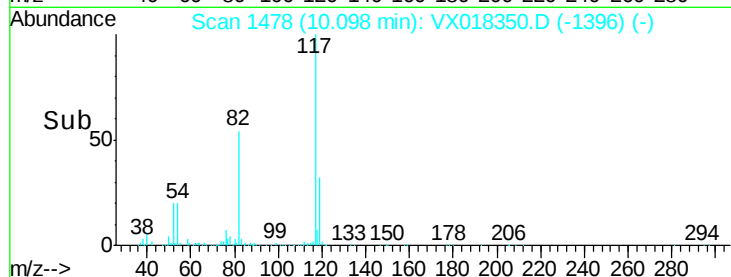
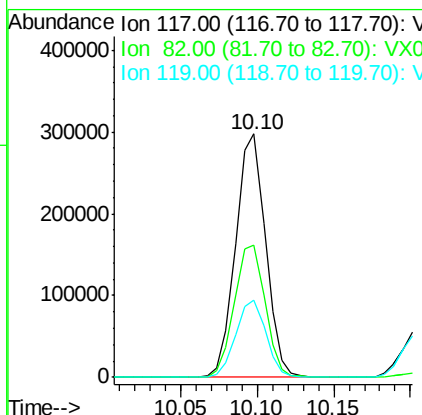
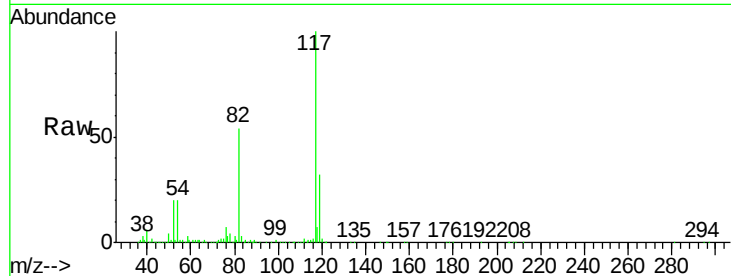
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.1	44.2	66.4
119	32.2	26.1	39.1

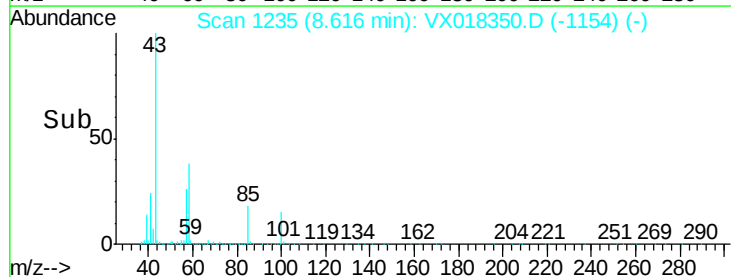
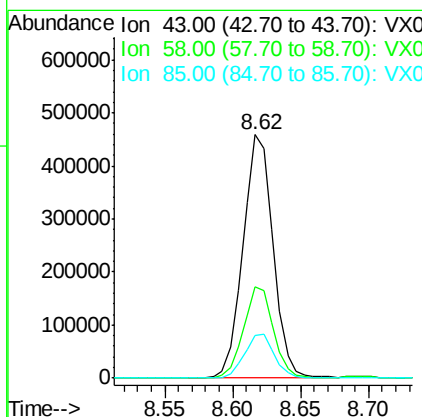
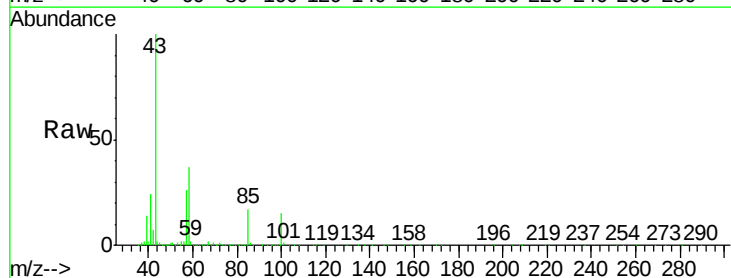
Manual Integrations
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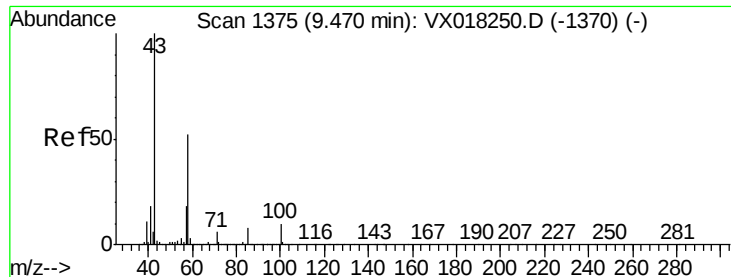
MMDadoda
9/14/2020 12:09:41 PM



#58
4-Methyl-2-Pentanone
Concen: 101.736 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.4	30.0	45.0
85	17.9	14.2	21.4





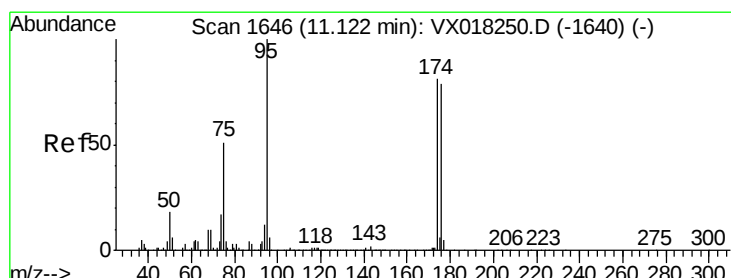
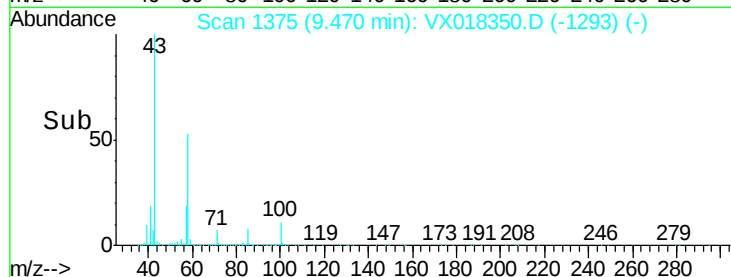
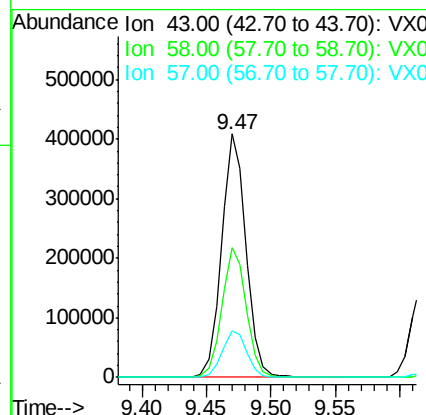
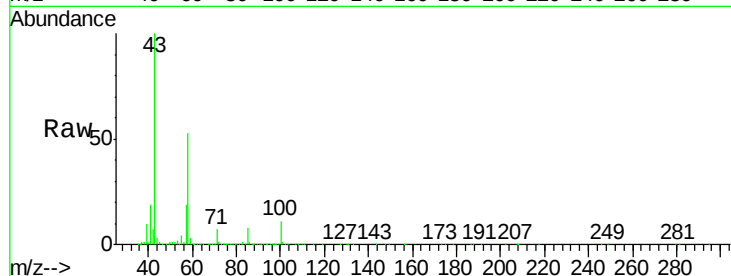
#59
2-Hexanone
Concen: 103.031 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.9	42.5	63.7
57	19.4	14.8	22.2

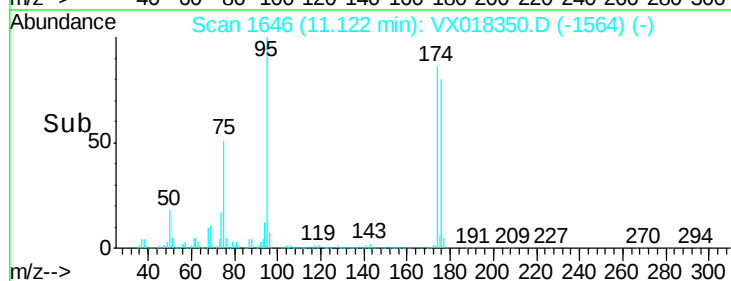
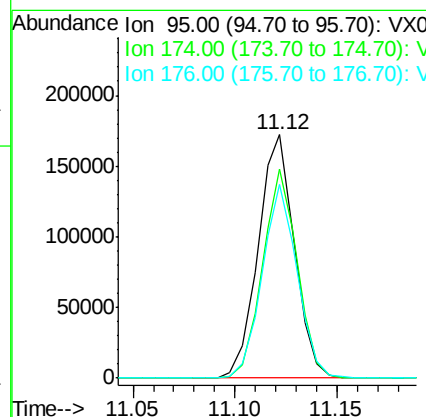
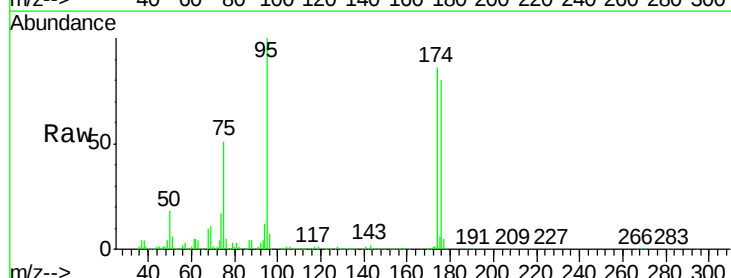
Manual Integrations
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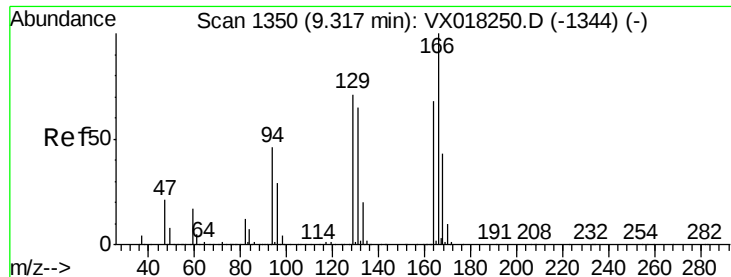
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.327 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.9	64.2	96.4
176	77.0	62.2	93.4





#61

Tetrachloroethene

Concen: 21.839 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

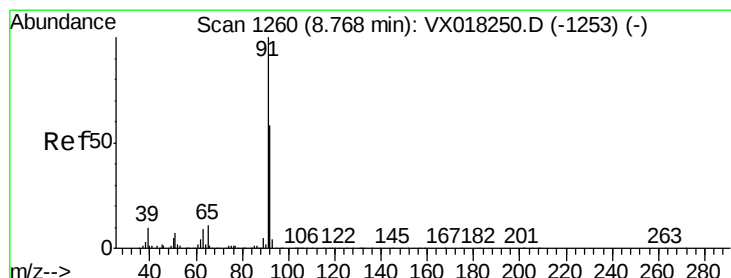
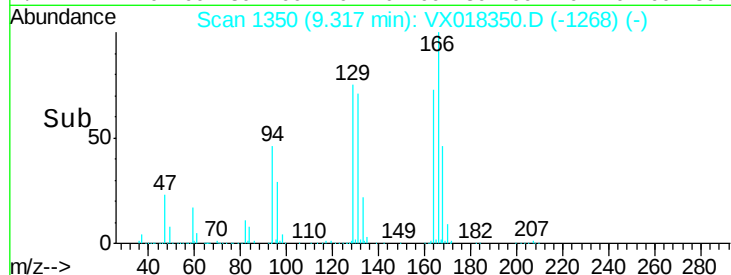
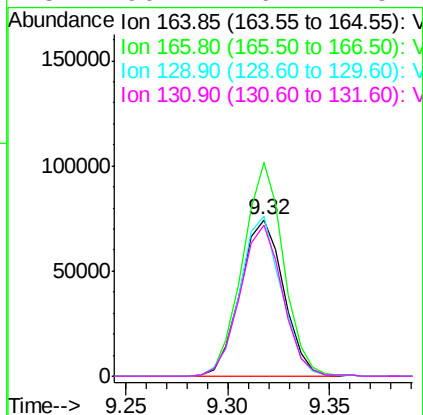
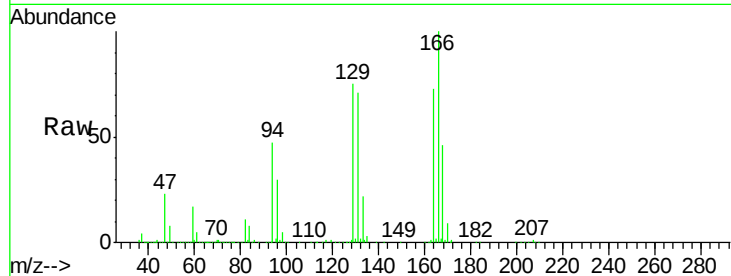
ClientSampleId :

VSTDCCC020

Tot Ion:	164	Resp:	110170
Ion	Ratio	Lower	Upper
164	100		
166	136.2	117.4	176.0
129	102.0	82.7	124.1
131	96.4	76.7	115.1

Manual Integrations
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#62

Toluene

Concen: 20.928 ug/l

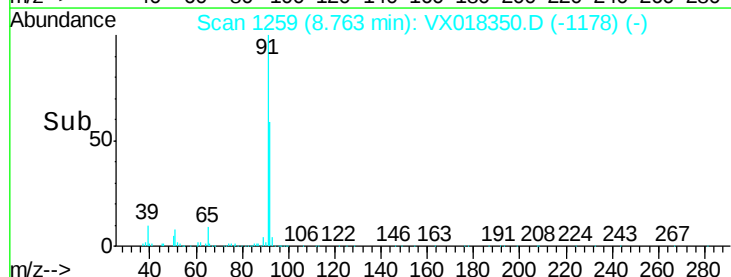
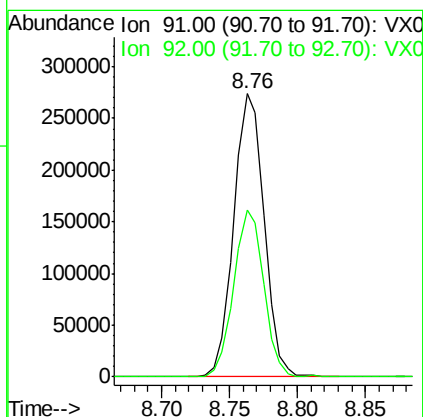
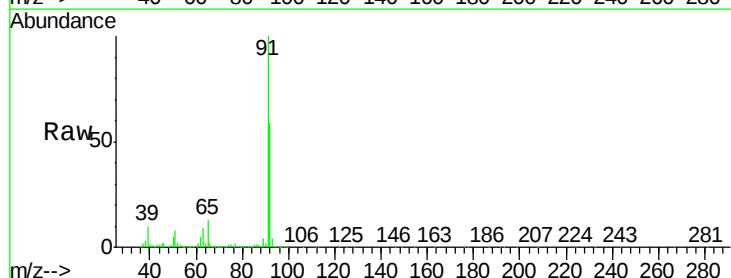
RT: 8.76 min Scan# 1259

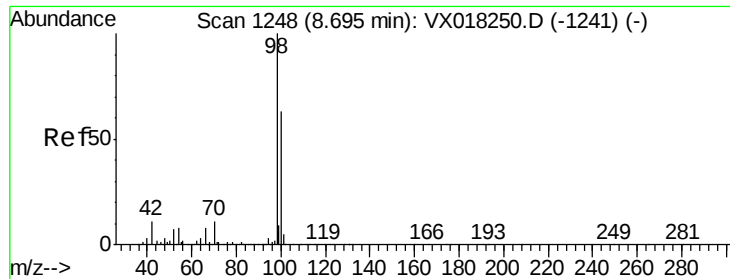
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	91	Resp:	426023
Ion	Ratio	Lower	Upper
91	100		
92	58.1	46.9	70.3





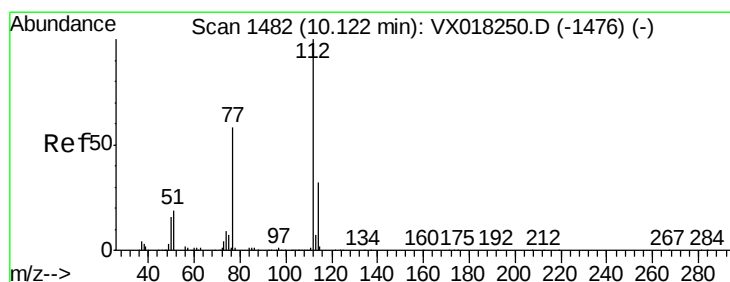
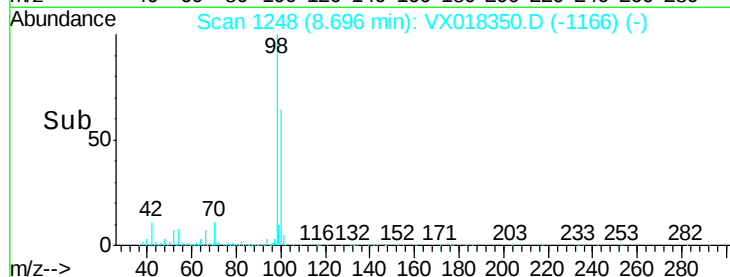
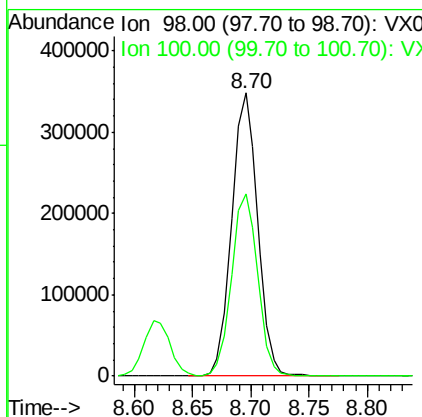
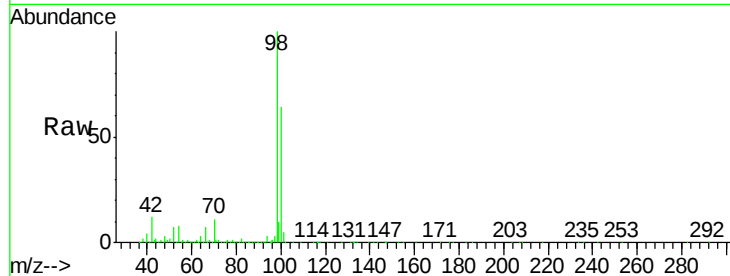
#63
Toluene-d8
Concen: 30.378 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 541586
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0

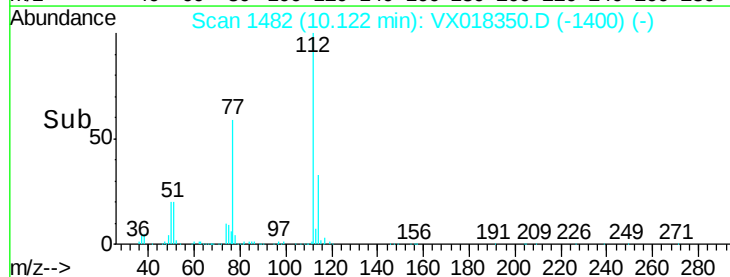
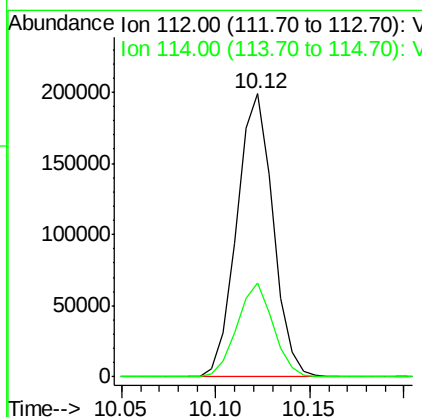
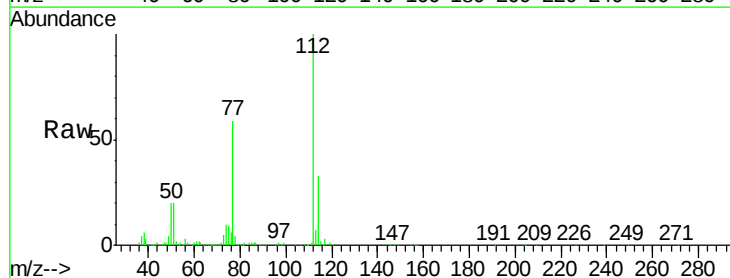
Manual Integrations
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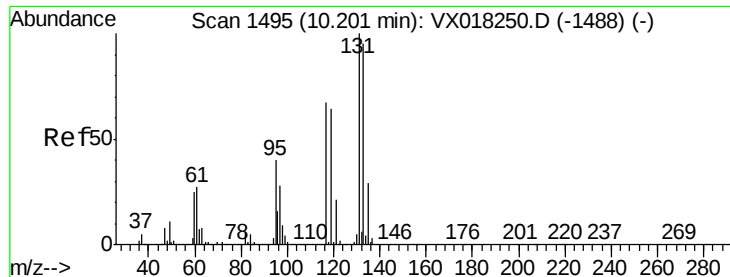
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#64
Chlorobenzene
Concen: 20.319 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion: 112 Resp: 265809
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.600 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

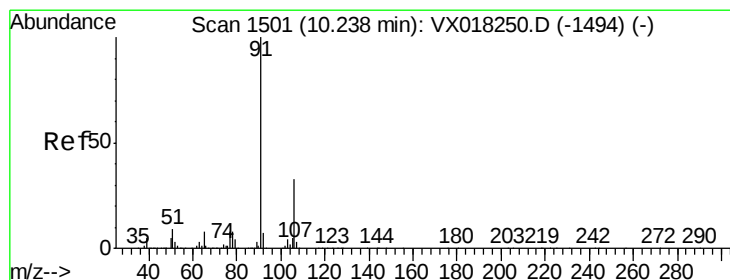
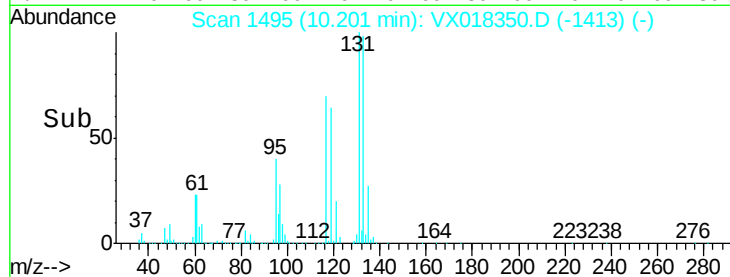
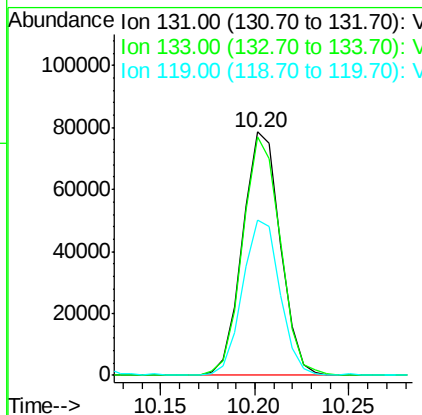
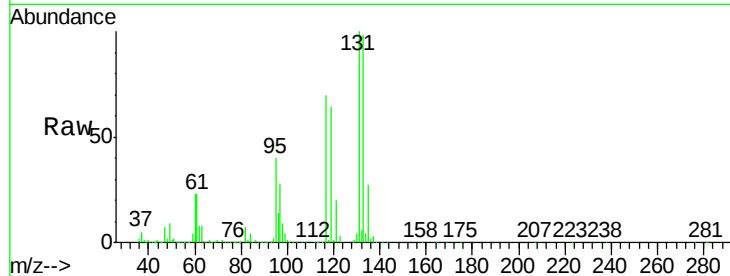
ClientSampled :

VSTDCCC020

Tot Ion:	131	Resp:	109136
Ion Ratio	Lower	Upper	
131	100		
133	97.9	0.0	197.2
119	63.4	0.0	129.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 20.705 ug/l

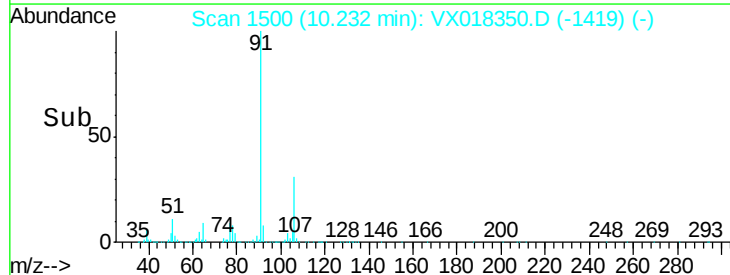
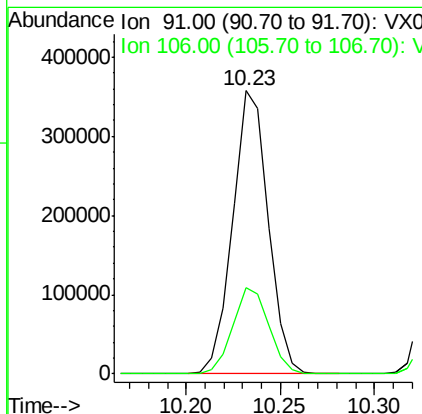
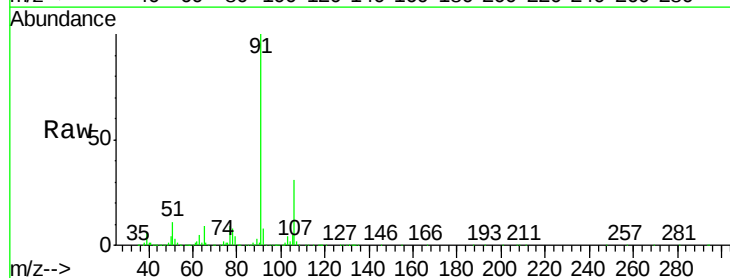
RT: 10.23 min Scan# 1500

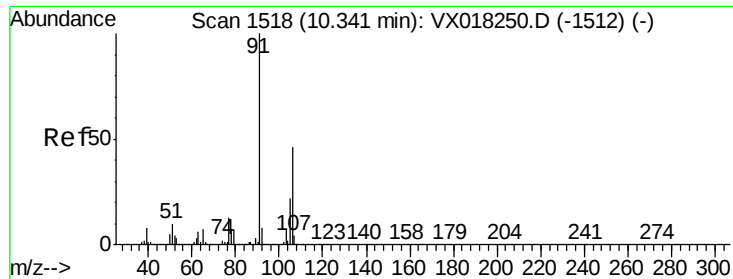
Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	91	Resp:	465714
Ion Ratio	Lower	Upper	
91	100		
106	30.7	26.3	39.5





#67

m/p-Xylenes

Concen: 42.203 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 363027

Ion Ratio Lower Upper

106 100

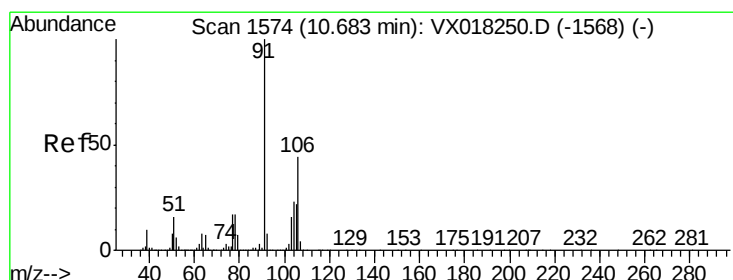
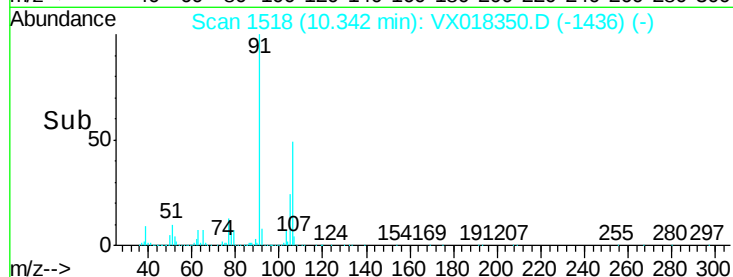
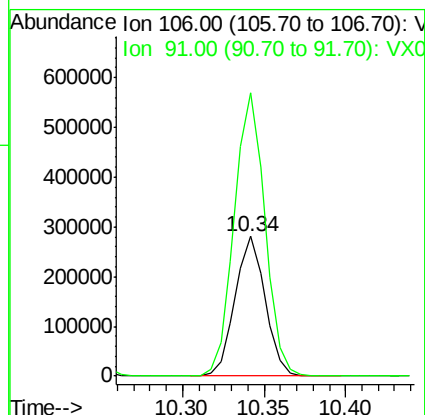
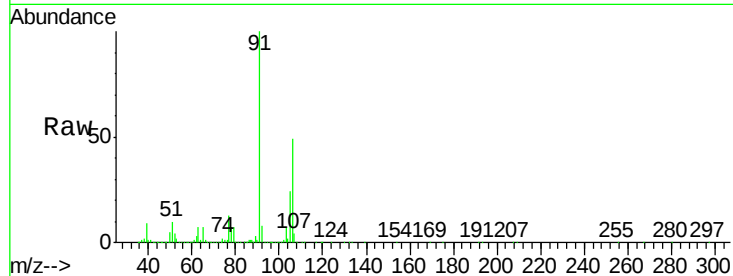
91 205.2 166.2 249.2

Manual Integrations

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#68

o-Xylene

Concen: 20.957 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018350.D

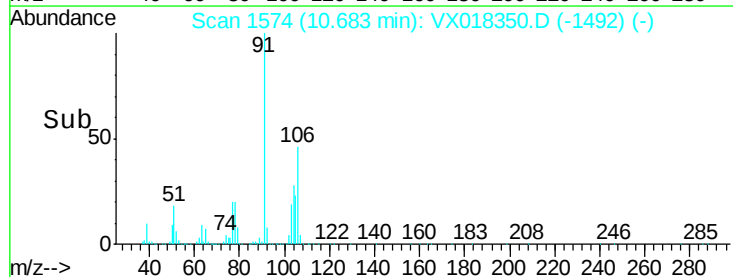
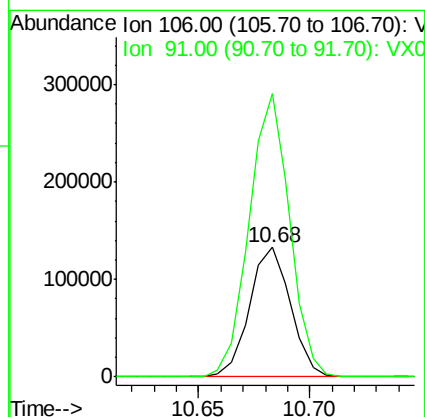
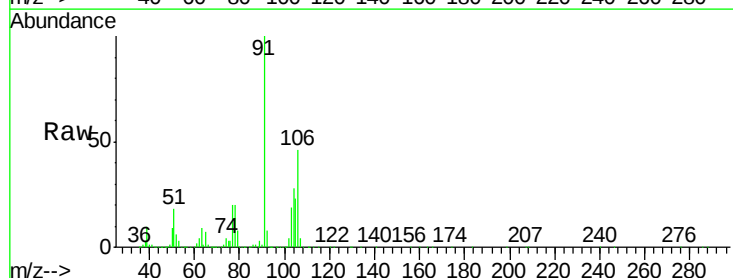
Acq: 11 Sep 2020 09:54

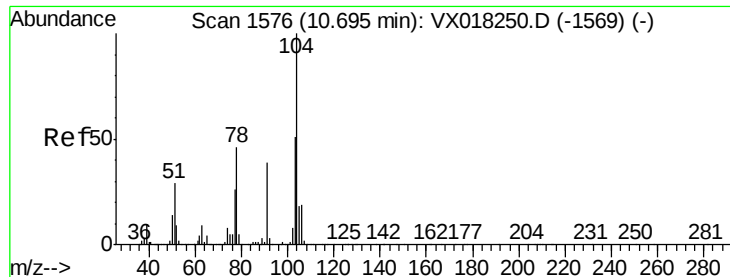
Tgt Ion:106 Resp: 170338

Ion Ratio Lower Upper

106 100

91 215.9 109.2 327.6





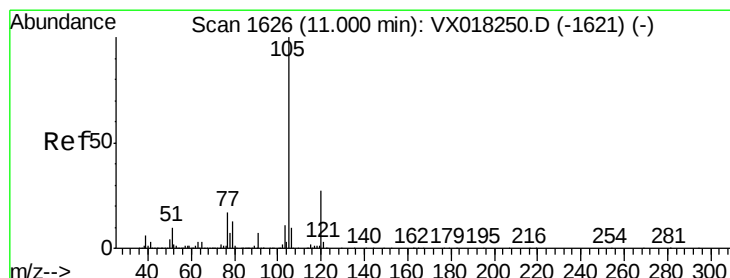
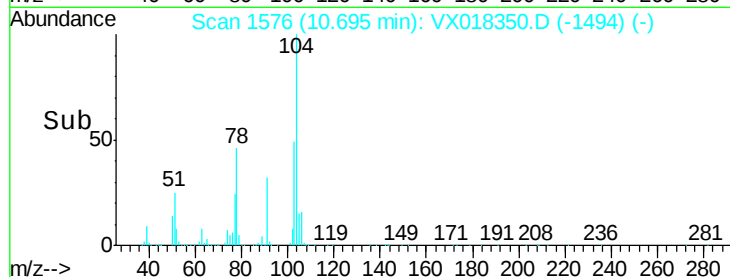
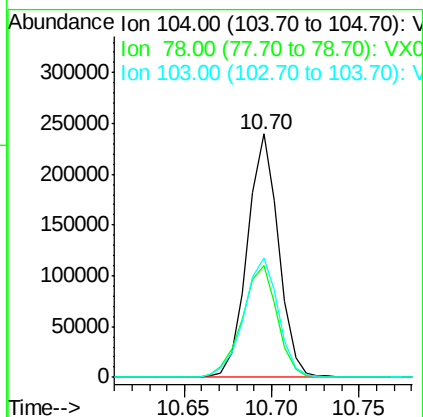
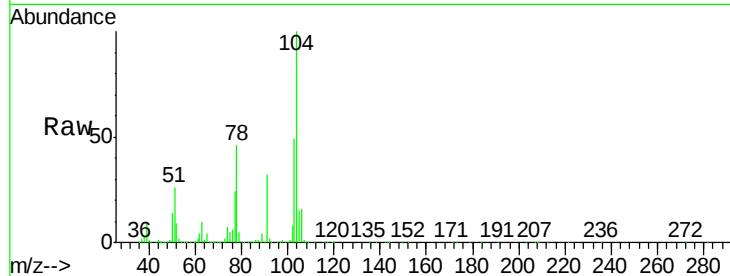
#69
Stvrene
Concen: 20.883 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	52.0	41.7	62.5
103	54.8	44.2	66.2

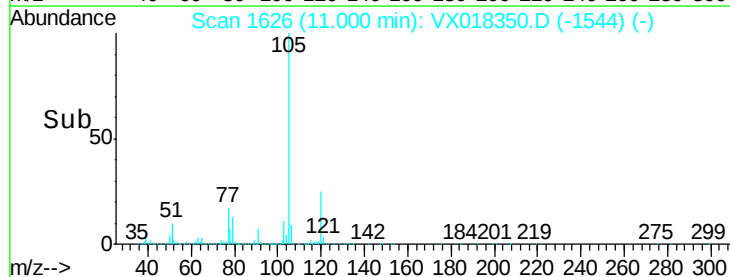
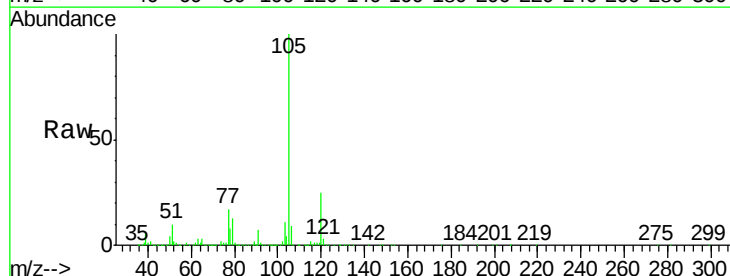
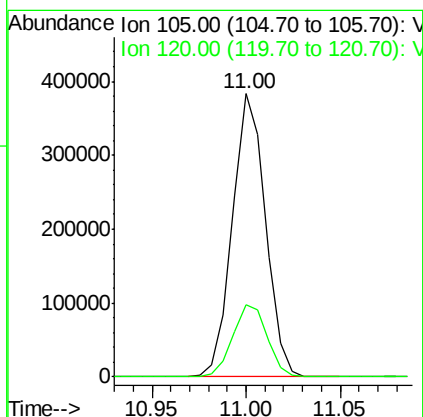
Manual Integrations
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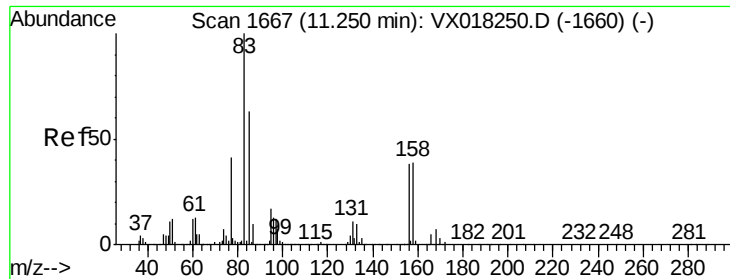
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#70
Isopropylbenzene
Concen: 20.639 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 20.604 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

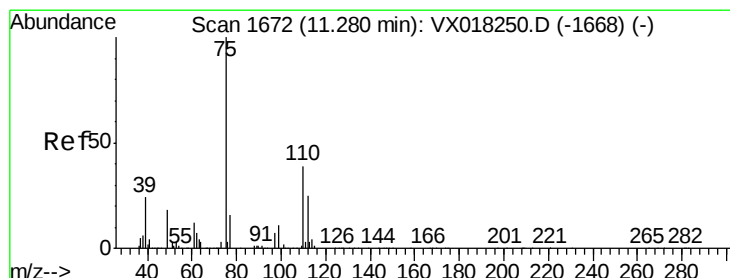
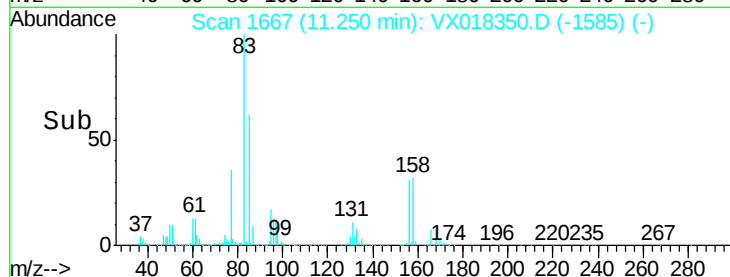
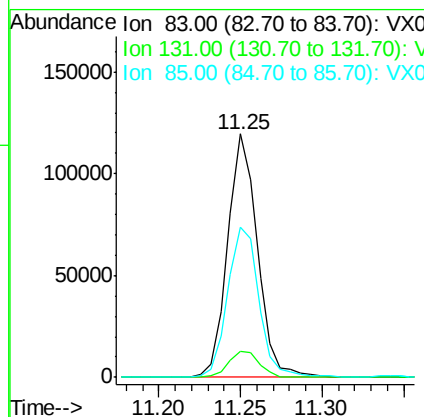
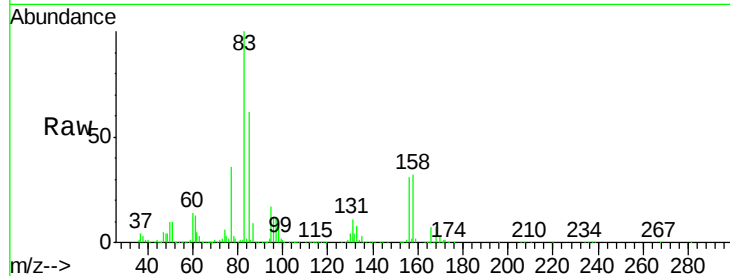
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	152187
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.8	17.3
85	64.8	31.3	93.9

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#72

1,2,3-Trichloropropane

Concen: 20.162 ug/l m

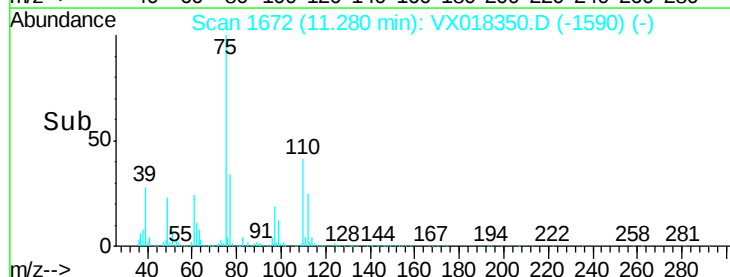
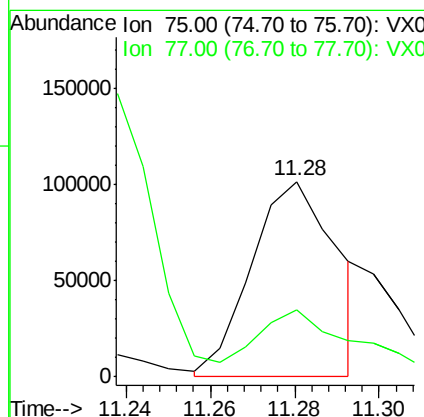
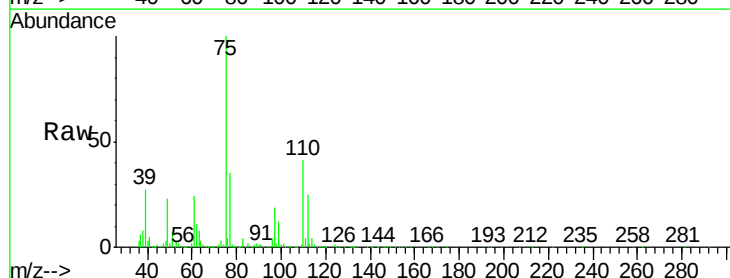
RT: 11.28 min Scan# 1672

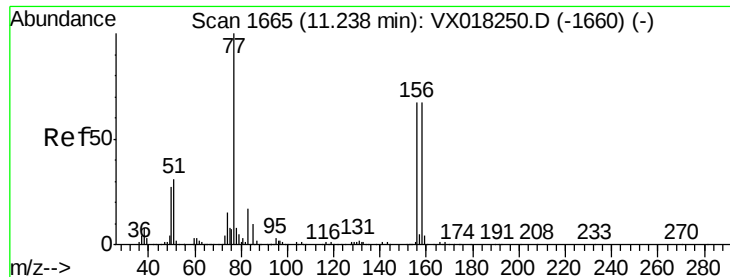
Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion:	75	Resp:	143086
Ion Ratio	Lower	Upper	
75	100		
77	37.5	0.0	74.8





#73

Bromobenzene

Concen: 20.347 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

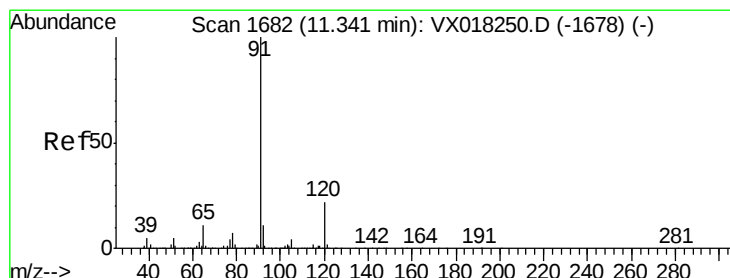
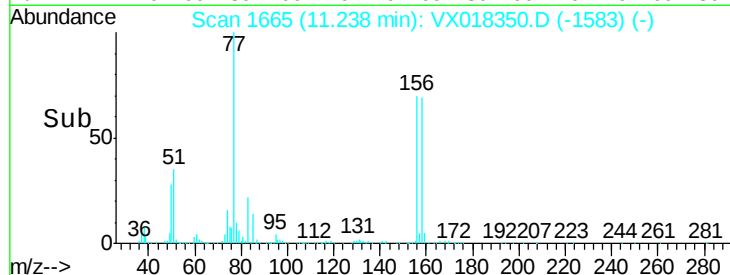
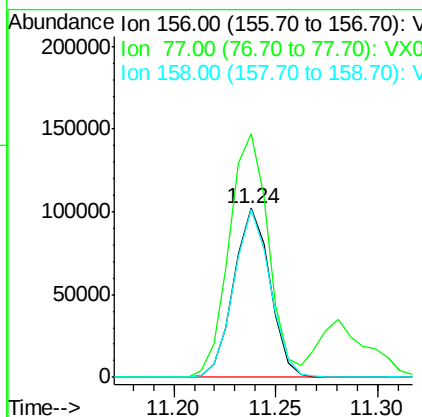
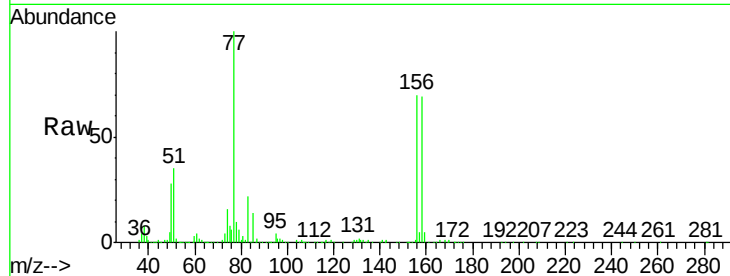
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
156	100	125995		
77	156.1	0.0	311.0	
158	100.0	0.0	194.4	

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#74

n-propylbenzene

Concen: 20.860 ug/l

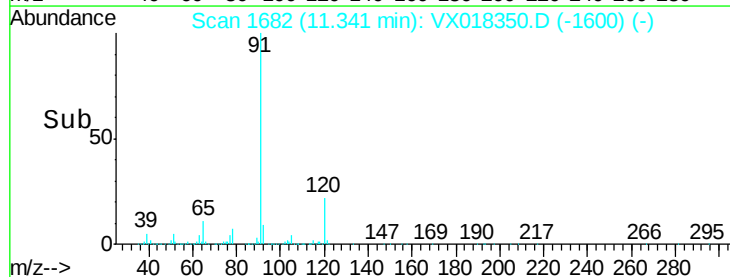
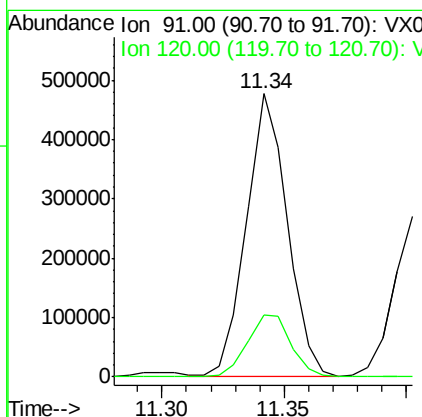
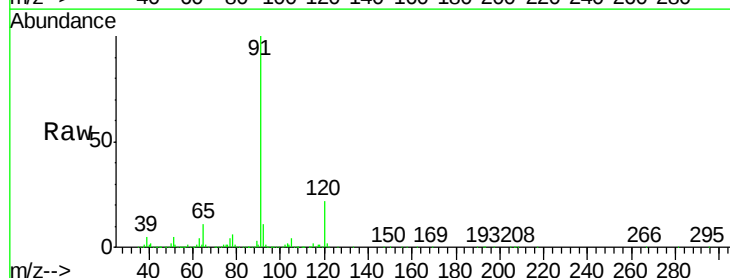
RT: 11.34 min Scan# 1682

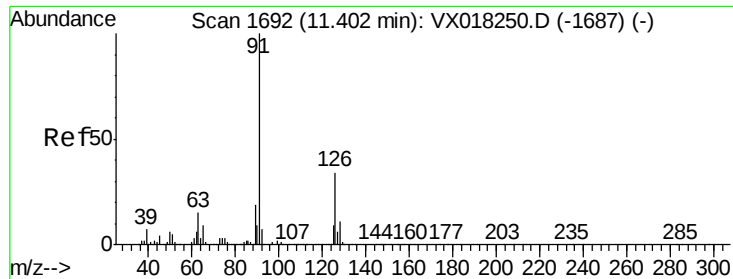
Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	555172		
120	23.2	0.0	45.4	





#75

2-Chlorotoluene

Concen: 20.715 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 334155

Ion Ratio Lower Upper

91 100

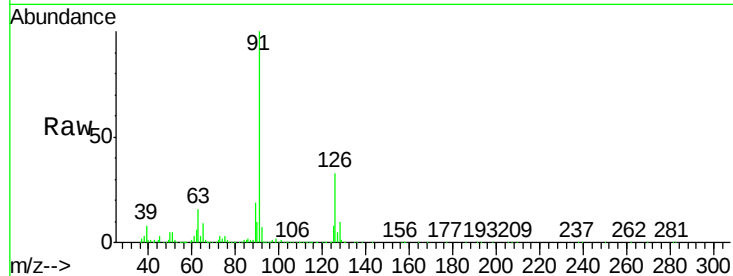
126 33.9 0.0 68.4

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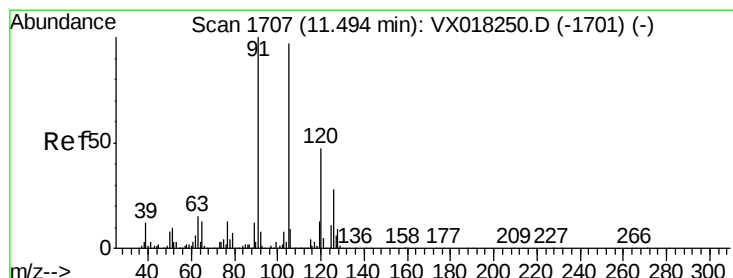
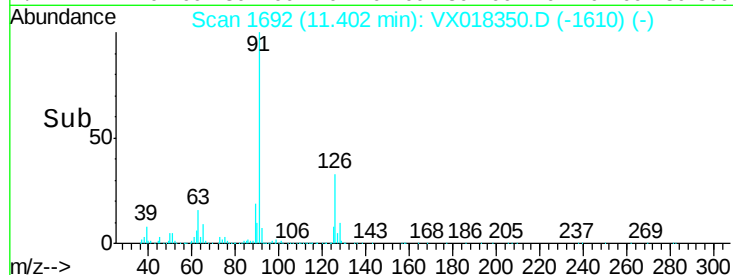
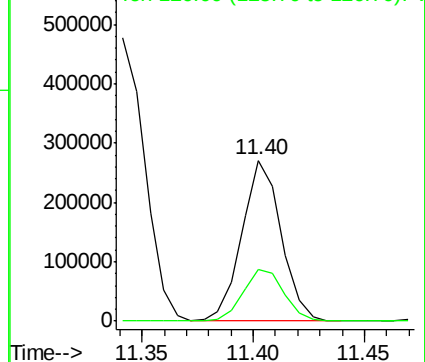
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 20.545 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018350.D

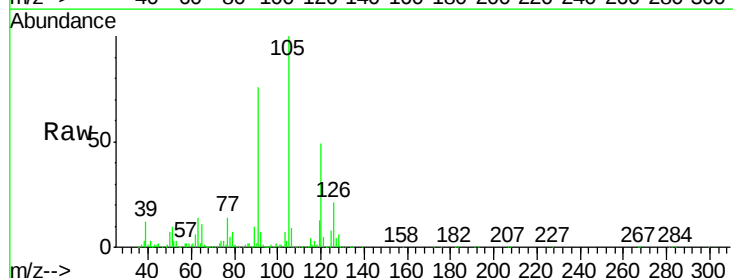
Acq: 11 Sep 2020 09:54

Tgt Ion: 105 Resp: 404547

Ion Ratio Lower Upper

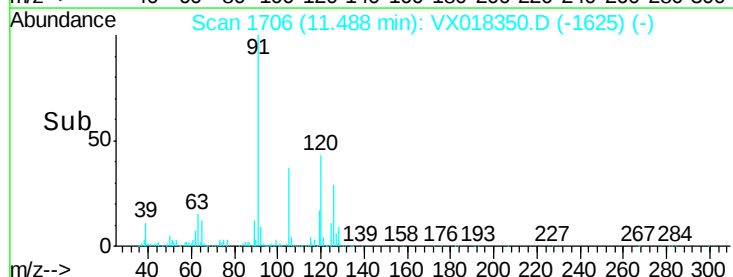
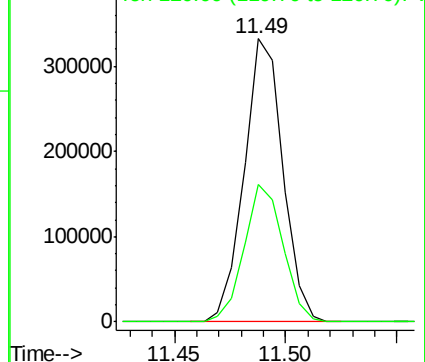
105 100

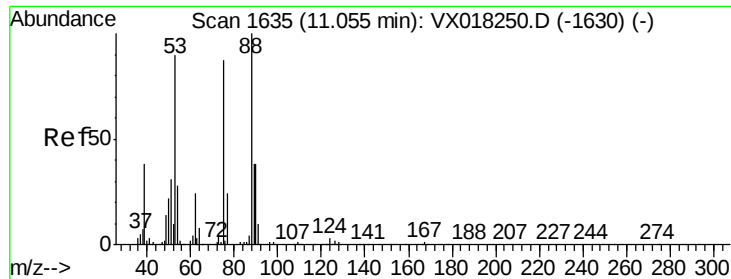
120 48.8 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





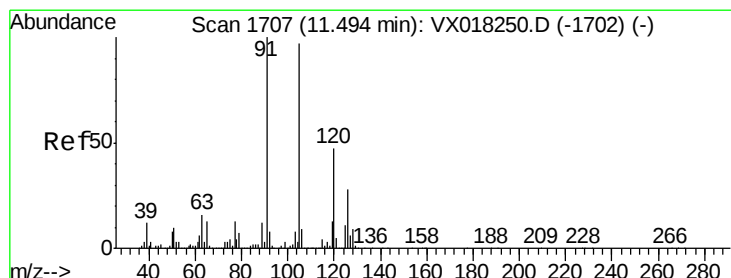
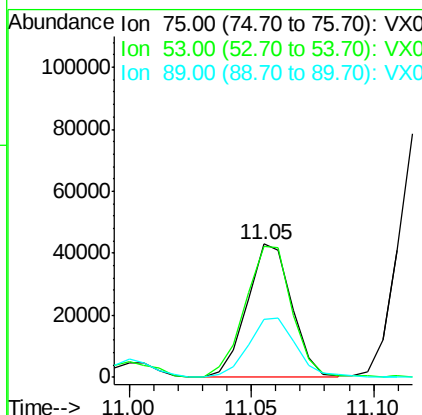
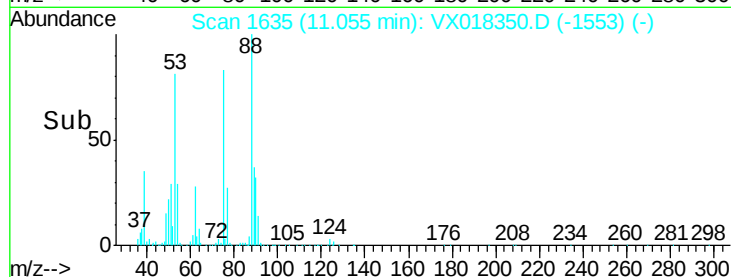
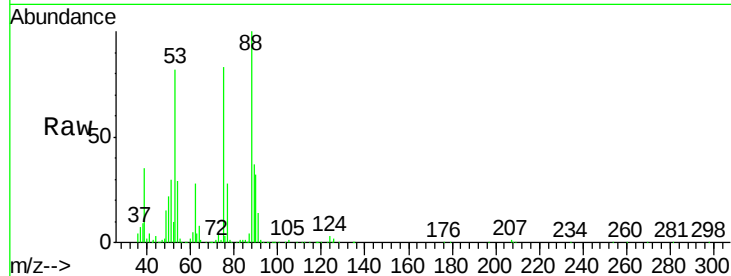
#77
t-1,4-Dichloro-2-butene
Concen: 19.737 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.2	52.1	156.4
89	43.8	22.1	66.3

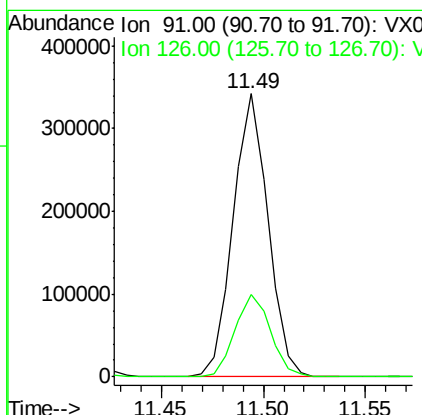
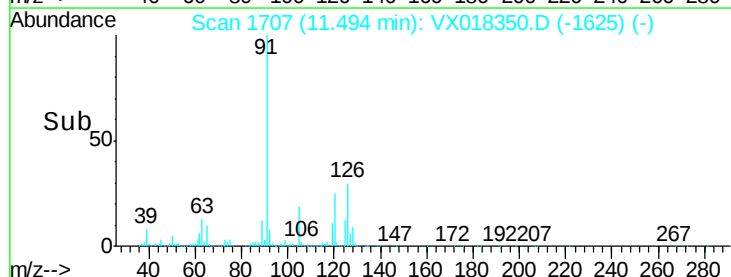
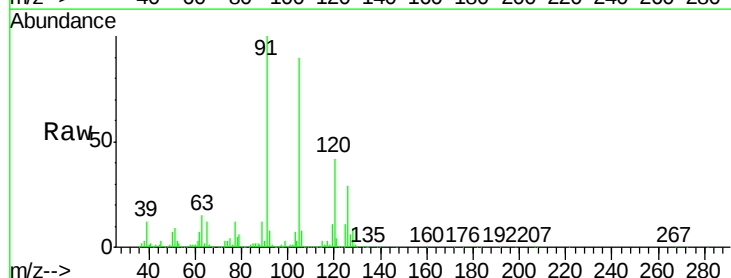
Manual Integrations
APPROVED

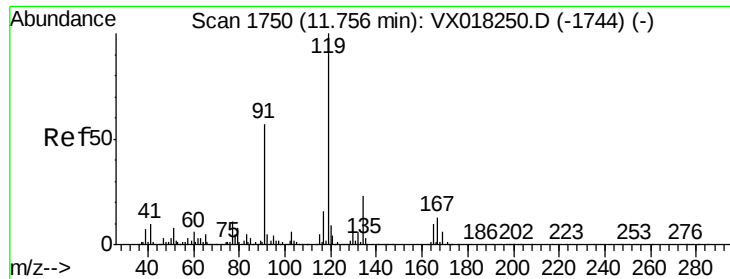
MMDadoda
9/14/2020 12:09:41 PM



#78
4-Chlorotoluene
Concen: 20.997 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	0.0	59.2





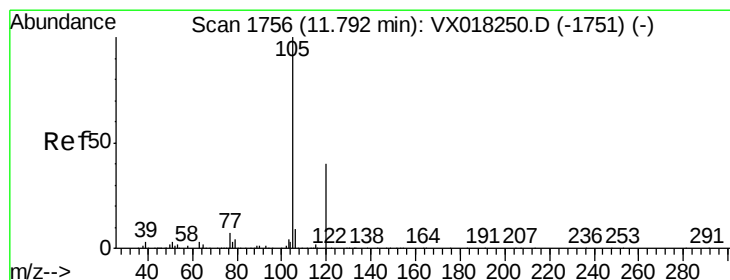
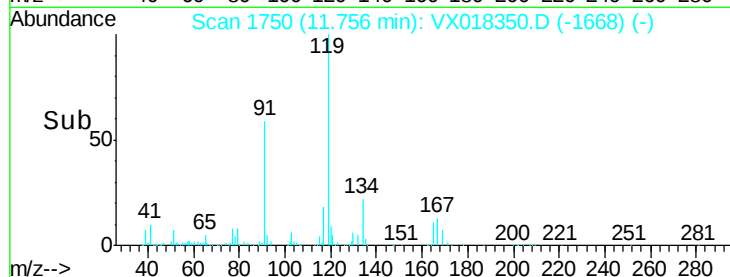
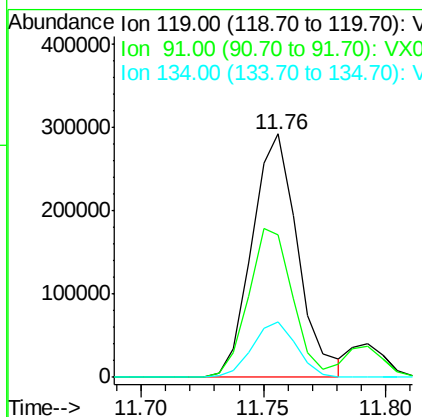
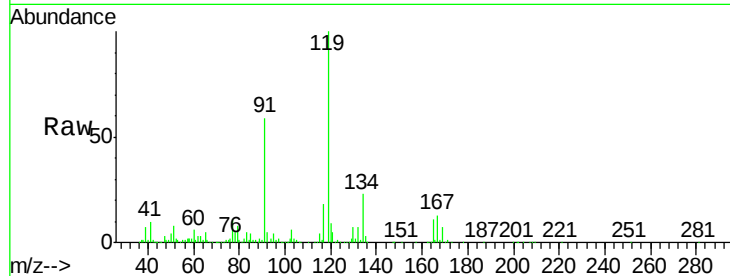
#79
tert-butylbenzene
Concen: 20.187 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	382915		
91	58.9	0.0	111.8	
134	22.0	0.0	42.4	

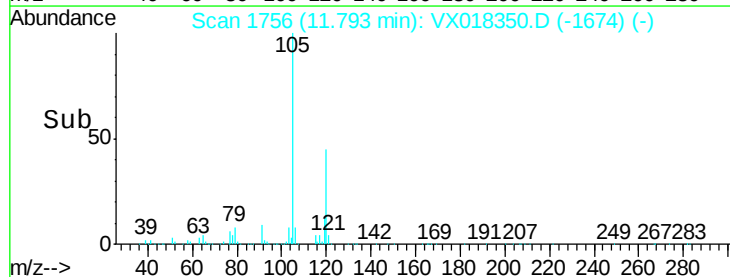
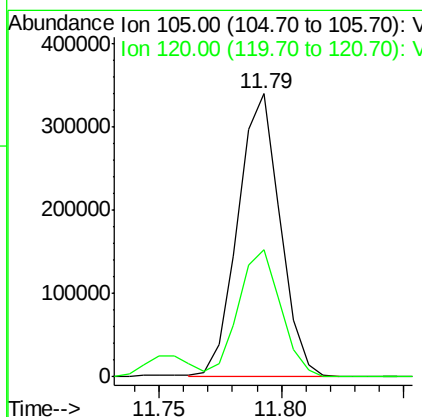
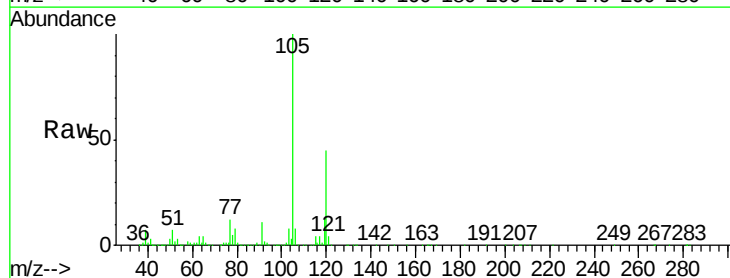
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APPROVED

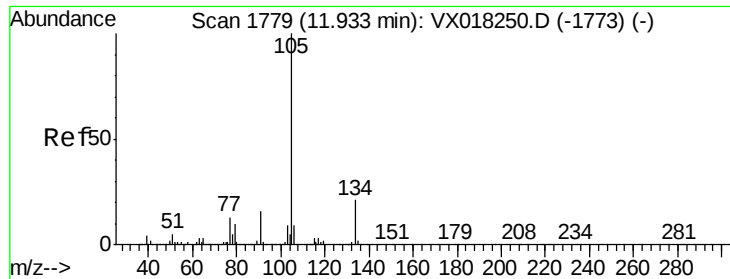
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#80
1,2,4-Trimethylbenzene
Concen: 20.846 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	405969		
120	45.0	0.0	89.2	





#81

sec-Butylbenzene

Concen: 20.605 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Instrument :

MSVOA_X

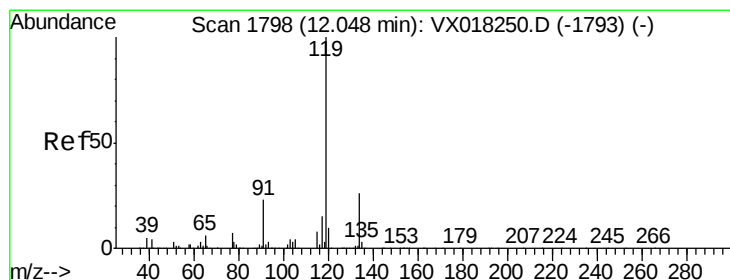
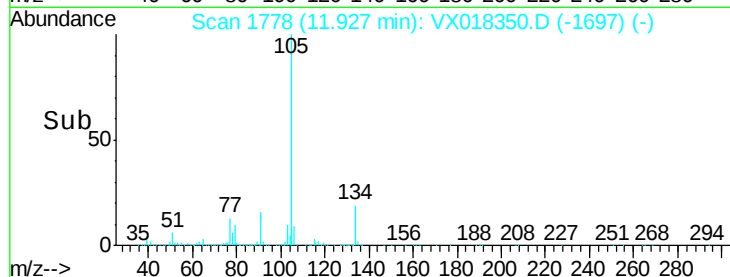
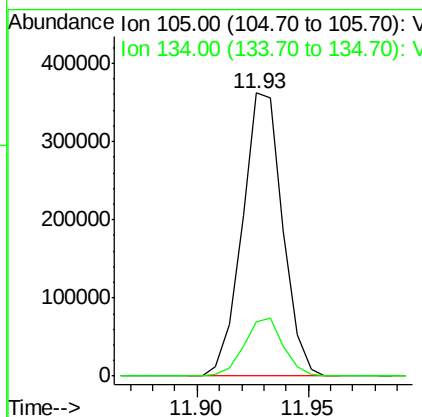
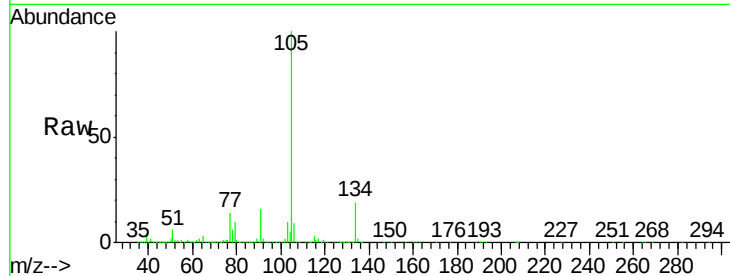
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	456517		
134	20.1	0.0	40.0	

Manual Integrations
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#82

p-Isopropyltoluene

Concen: 20.334 ug/l

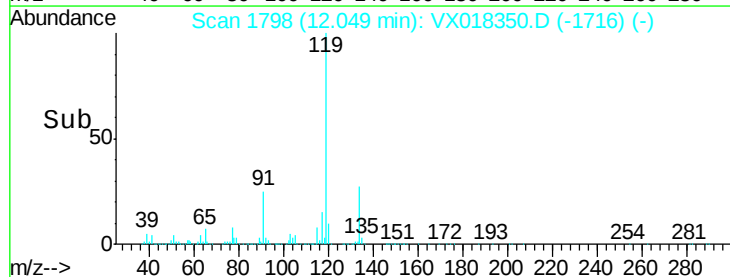
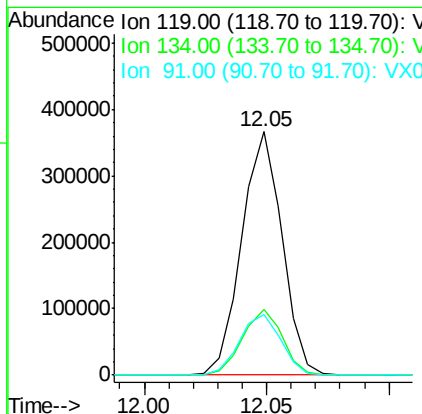
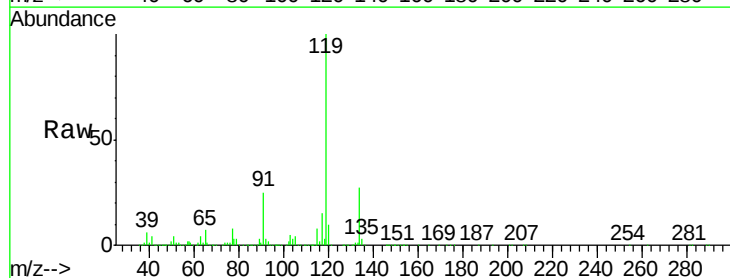
RT: 12.05 min Scan# 1798

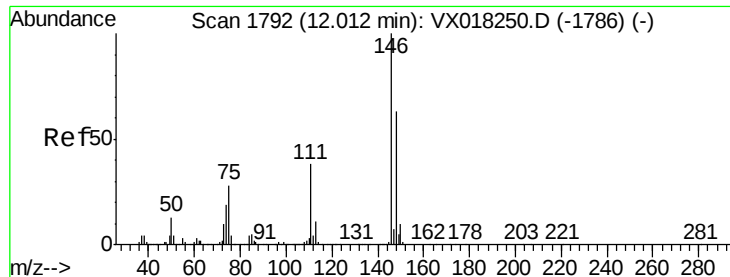
Delta R.T. 0.00 min

Lab File: VX018350.D

Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	420059		
134	26.9	0.0	53.0	
91	25.7	0.0	49.8	





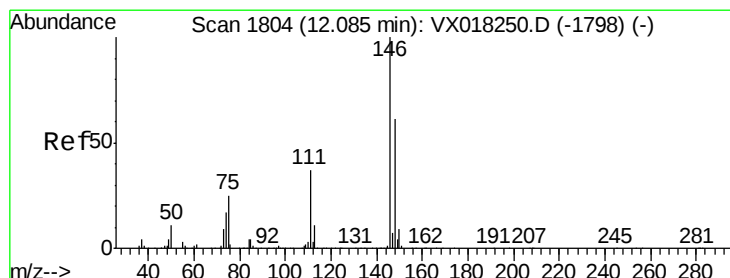
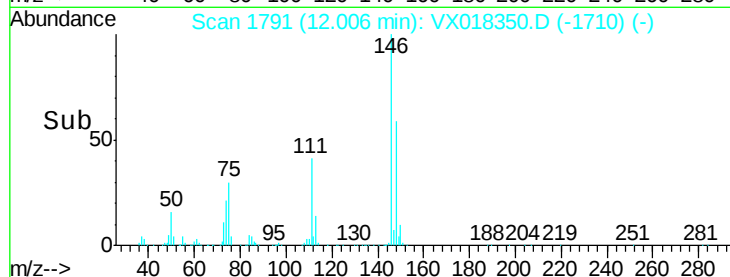
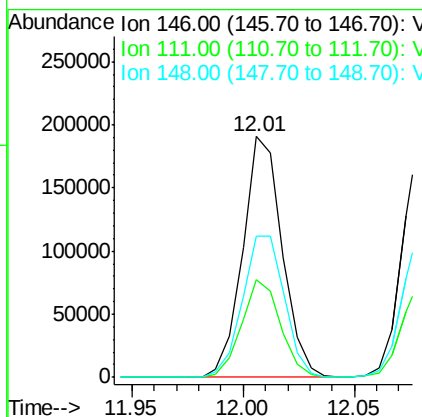
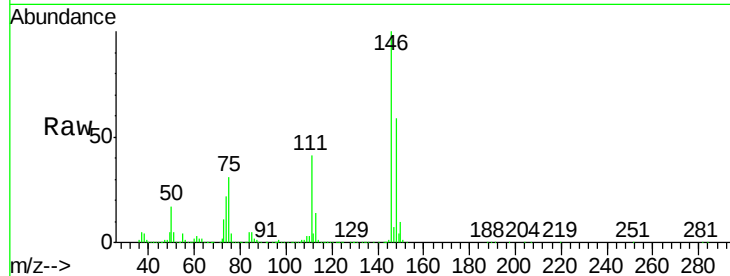
#83
 1,3-Dichlorobenzene
 Concen: 21.289 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.0	59.9
148	63.1	32.1	96.3

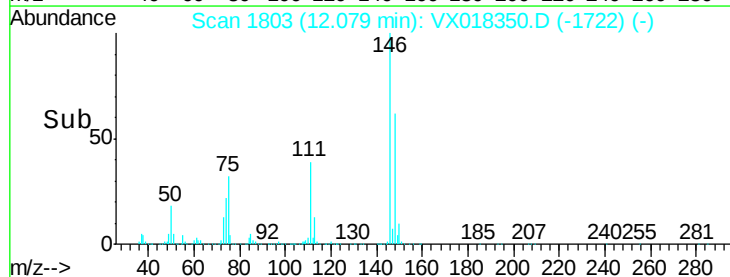
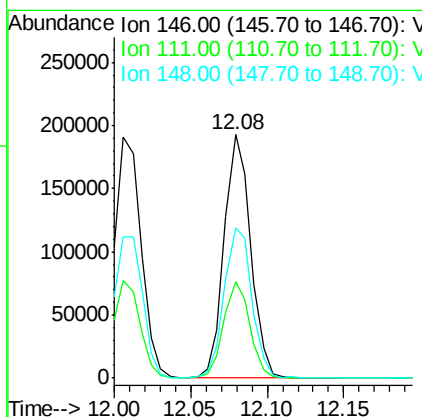
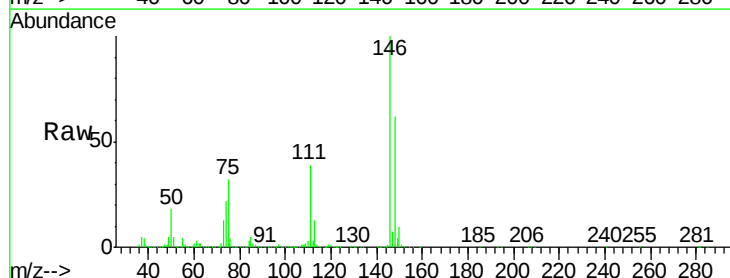
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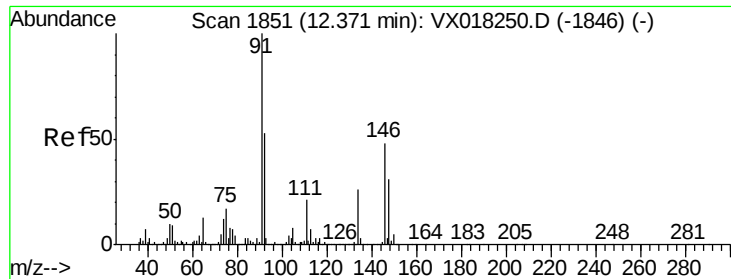
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 20.882 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.3	57.8
148	64.2	31.7	95.1





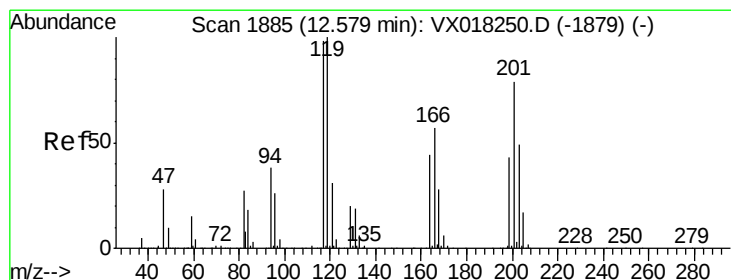
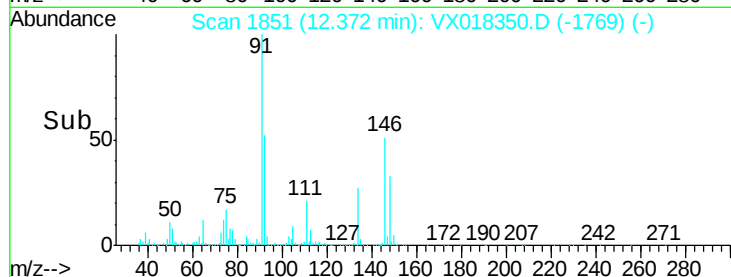
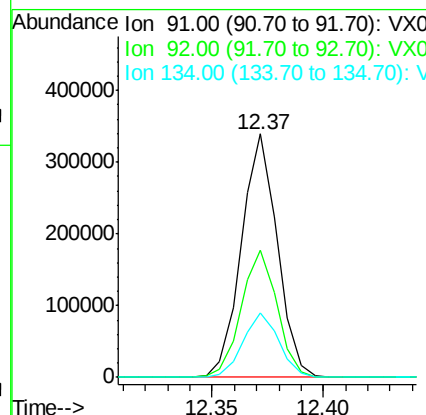
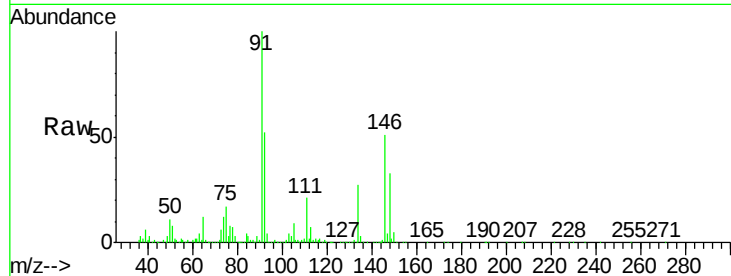
#85
n-Butylbenzene
Concen: 20.992 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	381797		
92	52.5	0.0	105.0	
134	26.6	0.0	51.0	

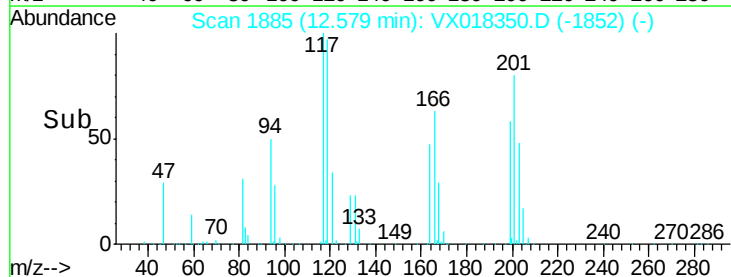
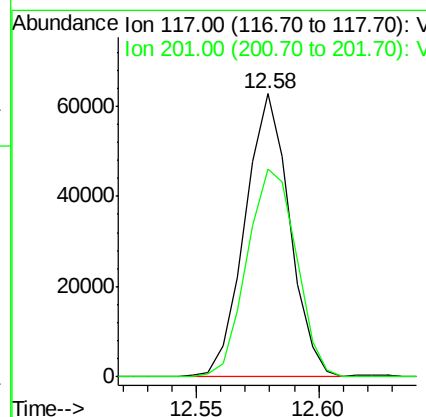
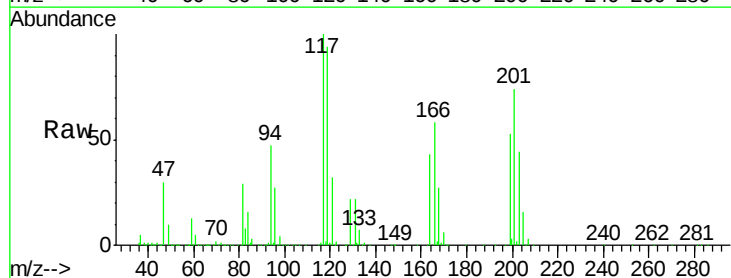
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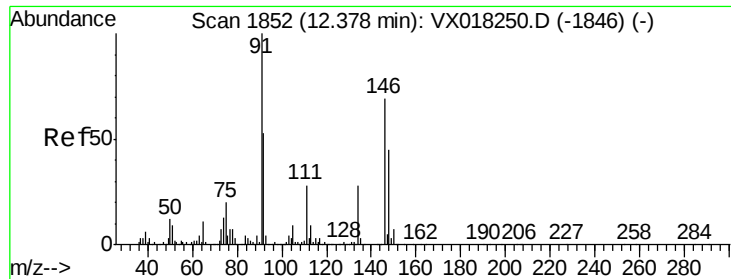
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#86
Hexachloroethane
Concen: 19.485 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	79251		
201	81.7	39.6	118.8	





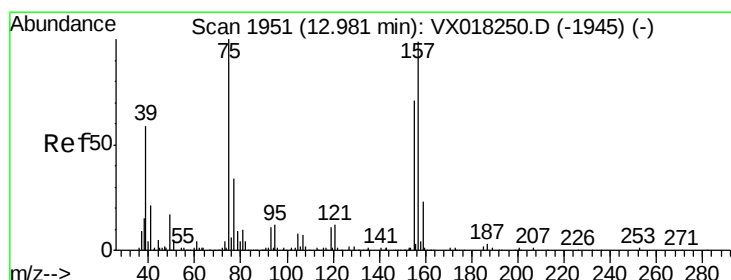
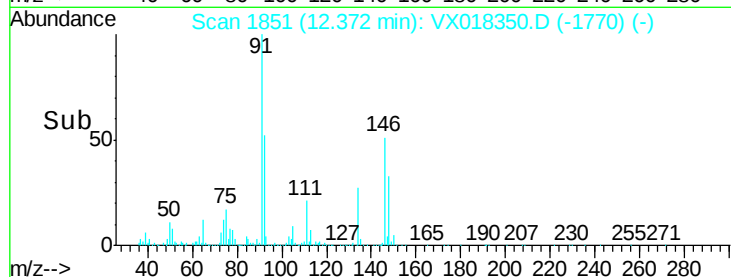
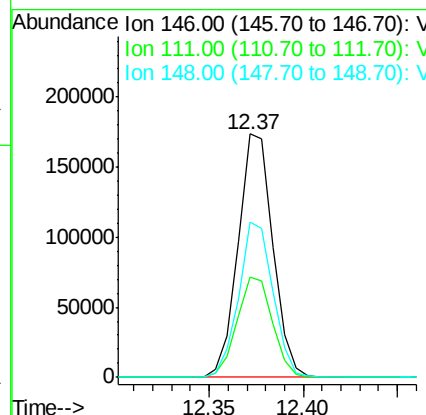
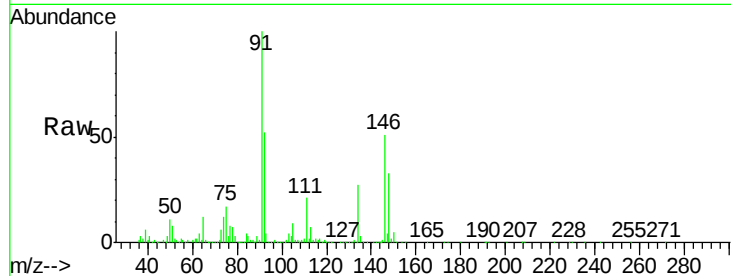
#87
 1,2-Dichlorobenzene
 Concen: 21.511 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.4	64.3
148	62.7	32.0	96.2

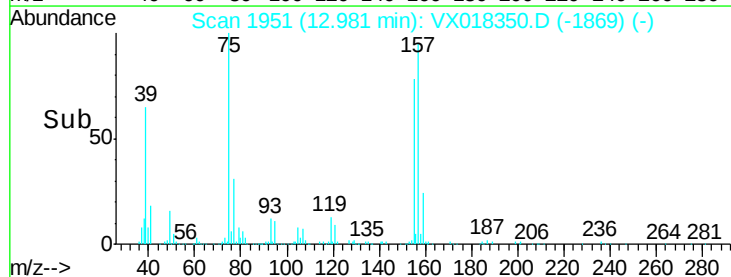
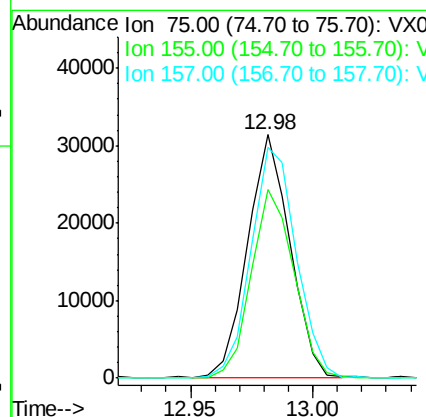
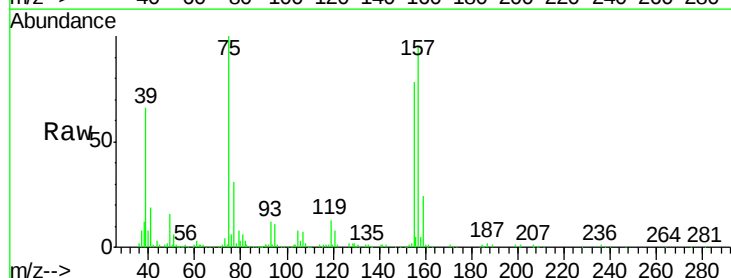
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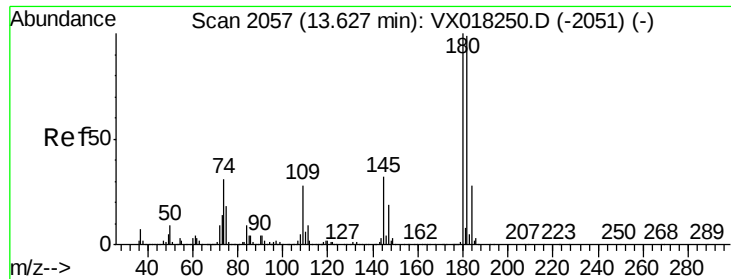
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.083 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.0	63.4	95.2
157	100.9	87.0	130.6





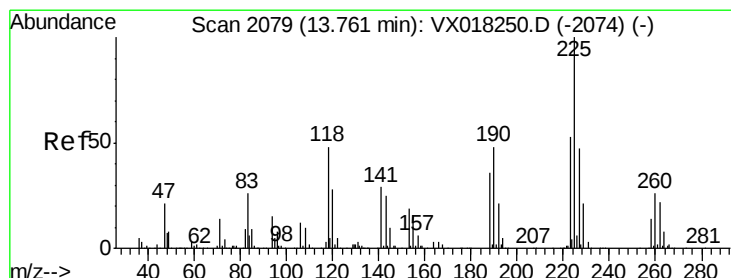
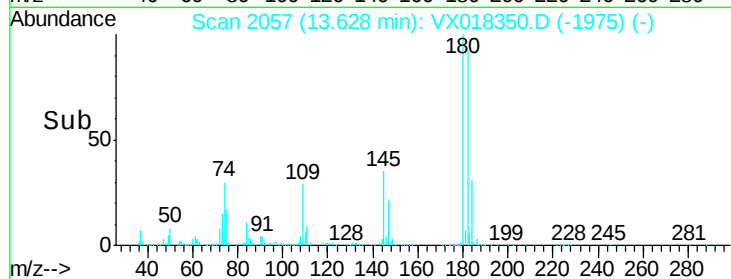
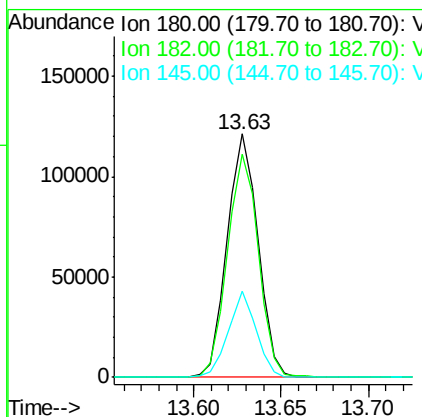
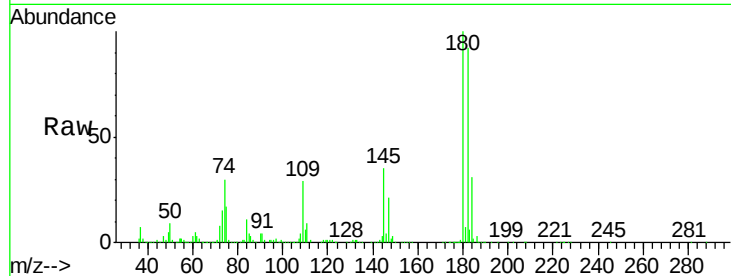
#89
 1,2,4-Trichlorobenzene
 Concen: 21.300 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	149396		
182	91.7	77.1	115.7	
145	31.9	25.0	37.6	

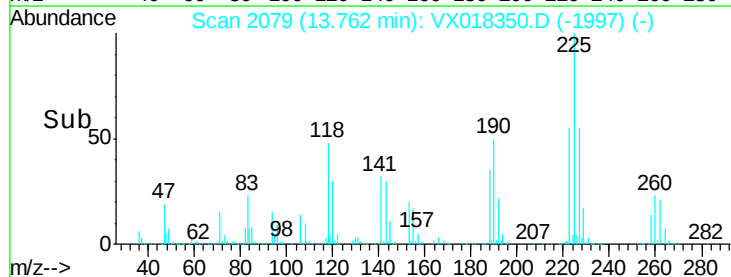
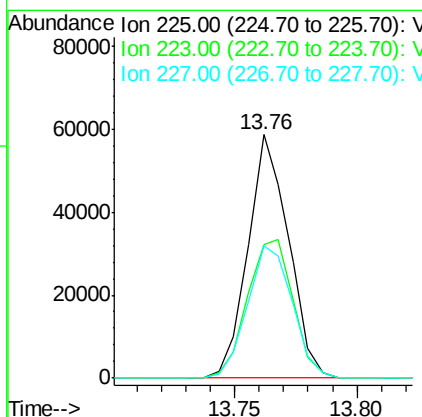
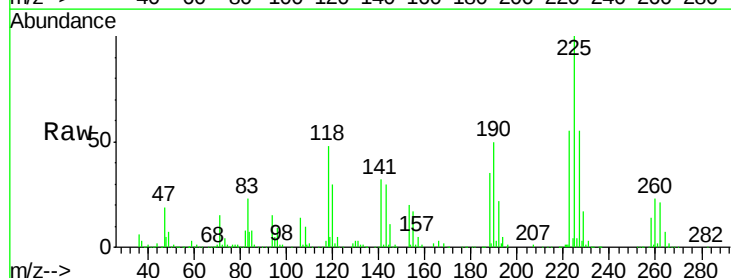
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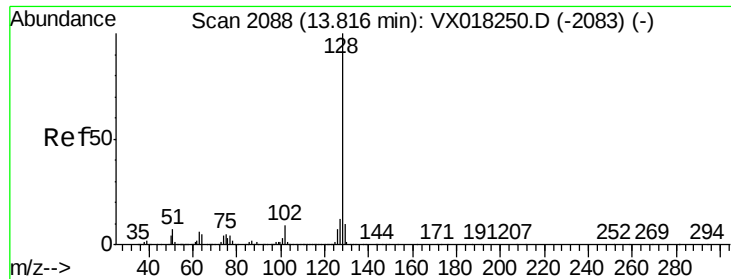
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#90
 Hexachlorobutadiene
 Concen: 22.895 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018350.D
 Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67927		
223	64.4	0.0	115.8	
227	60.2	0.0	117.0	





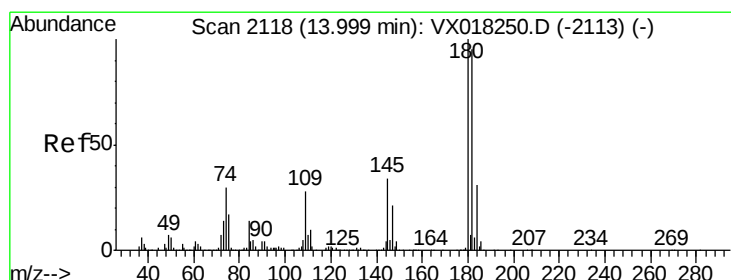
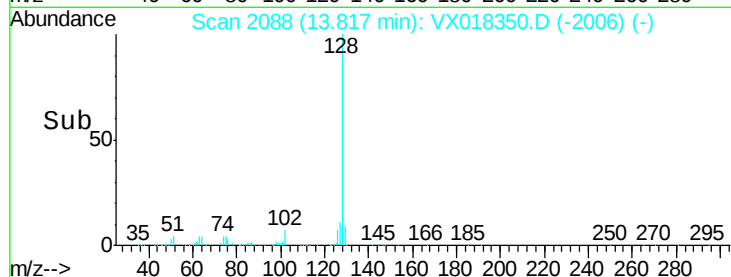
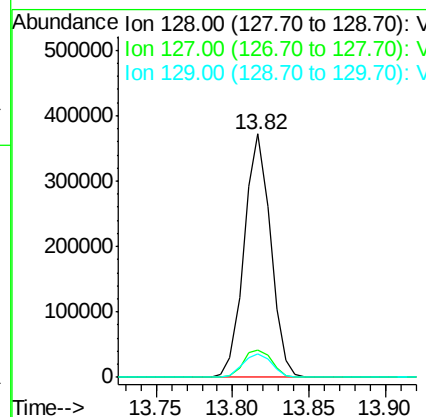
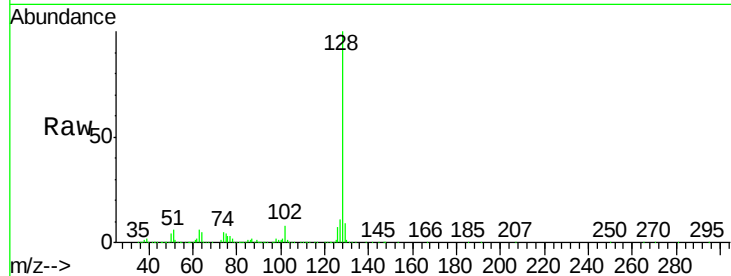
#91
Naphthalene
Concen: 20.384 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.6	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 21.231 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018350.D
Acq: 11 Sep 2020 09:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.9	0.0	191.6
145	32.9	0.0	67.4

