

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018506.D
 Acq On : 18 Sep 2020 20:27
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:55 AM

Quant Time: Sep 21 03:58:05 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	4.99	128	100163	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.84	114	524150	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	497212	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	233789	29.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.63%
60) 4-Bromofluorobenzene	11.12	95	251958	29.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.47%
63) Toluene-d8	8.70	98	643598	29.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	80575	15.202	ug/l 97
3) Chloromethane	1.31	50	85980	15.272	ug/l 95
4) Vinyl Chloride	1.39	62	97232	16.402	ug/l 95
5) Bromomethane	1.64	94	50782	12.590	ug/l 99
6) Chloroethane	1.72	64	61900	17.180	ug/l 92
7) Trichlorofluoromethane	1.92	101	154815	15.410	ug/l 96
8) Diethyl Ether	2.17	74	52137	16.461	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	81361	15.851	ug/l 99
10) 1,1-Dichloroethene	2.36	96	84343	16.739	ug/l 98
11) Methyl Iodide	2.49	142	59882	15.403	ug/l 94
12) Methyl Acetate	2.75	43	120841	18.219	ug/l 98
13) Acrolein	2.28	56	36701	68.565	ug/l 94
14) Acrylonitrile	3.12	53	247622	82.395	ug/l 99
15) Acetone	2.42	58	65528	80.195	ug/l 92
16) Carbon Disulfide	2.55	76	236933	16.149	ug/l 97
17) Allyl chloride	2.71	41	148905	16.534	ug/l 98
18) Methylene Chloride	2.84	84	93816	15.864	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	91249	16.311	ug/l 100
20) Diisopropyl ether	3.82	45	310258	17.402	ug/l 90
21) 1,1-Dichloroethane	3.67	63	166633	16.283	ug/l 98
22) cis-1,2-Dichloroethene	4.57	96	104496	16.882	ug/l 99
23) tert-Butyl Alcohol	3.01	59	115328	88.554	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	291922	16.296	ug/l 100
25) Chloroform	5.18	83	175477	16.067	ug/l 93
26) Cyclohexane	5.55	56	136130	16.481	ug/l # 50
29) 1,1-Dichloropropene	5.77	75	127562	15.943	ug/l 100
30) 2-Butanone	4.64	43	356194	81.306	ug/l 99
31) 2,2-Dichloropropane	4.55	77	134845	13.953	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	165302	15.784	ug/l 98
33) Carbon Tetrachloride	5.76	117	150377	15.410	ug/l 97
34) Benzene	6.12	78	364652	15.966	ug/l 100
35) Methacrylonitrile	5.01	41	76849	16.645	ug/l 92
36) 1,2-Dichloroethane	6.17	62	150837	15.958	ug/l # 100
37) Trichloroethene	7.19	130	107846	16.330	ug/l 97
38) Methylcyclohexane	7.44	83	136093	15.969	ug/l 99
39) 1,2-Dichloropropane	7.49	63	97548	15.947	ug/l 97
40) Dibromomethane	7.63	93	70342	15.924	ug/l 97

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 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	7.88	83	146153	15.964	ug/l	94
42) Vinyl Acetate	3.79	43	1333081	81.561	ug/l	100
43) Ethyl Acetate	4.79	43	137341	15.766	ug/l	98
44) Isopropyl Acetate	6.42	43	228501	16.276	ug/l	96
45) 1,4-Dioxane	7.71	88	34297	292.428	ug/l #	90
46) Methyl methacrylate	7.74	41	110840	16.042	ug/l	97
47) n-amyl Acetate	10.88	43	194304	15.751	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	155020	15.763	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	166529	16.119	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	95986	15.594	ug/l	93
51) Ethyl methacrylate	9.16	69	144508	16.207	ug/l	98
52) 1,3-Dichloropropane	9.35	76	165301	16.179	ug/l	98
53) Dibromochloromethane	9.56	129	118271	15.453	ug/l	99
54) 1,2-Dibromoethane	9.65	107	106275	15.739	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	393250	84.456	ug/l	99
56) Bromoform	10.84	173	91385	15.715	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	711706	83.222	ug/l	99
59) 2-Hexanone	9.47	43	532558	82.216	ug/l	99
61) Tetrachloroethene	9.32	164	95747	15.440	ug/l	91
62) Toluene	8.76	91	409207	16.353	ug/l	98
64) Chlorobenzene	10.12	112	266207	16.555	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	102809	15.787	ug/l	99
66) Ethyl Benzene	10.24	91	446419	16.146	ug/l	97
67) m/p-Xylenes	10.34	106	344488	32.579	ug/l	98
68) o-Xylene	10.68	106	162378	16.252	ug/l	99
69) Styrene	10.70	104	281754	16.164	ug/l	99
70) Isopropylbenzene	11.01	105	442719	15.934	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	149988	16.519	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	139126m	15.948	ug/l	
73) Bromobenzene	11.24	156	125428	16.478	ug/l	98
74) n-propylbenzene	11.34	91	519721	15.886	ug/l	98
75) 2-Chlorotoluene	11.40	91	308077	15.537	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	382409	15.799	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	47319	13.958	ug/l	95
78) 4-Chlorotoluene	11.49	91	374994	15.853	ug/l	99
79) tert-butylbenzene	11.76	119	374463	16.060	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	384298	16.053	ug/l	98
81) sec-Butylbenzene	11.93	105	424993	15.605	ug/l	98
82) p-Isopropyltoluene	12.05	119	395117	15.560	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	216219	15.887	ug/l	100
84) 1,4-Dichlorobenzene	12.08	146	222631	16.360	ug/l	99
85) n-Butylbenzene	12.37	91	346095	15.481	ug/l	99
86) Hexachloroethane	12.58	117	73721	14.745	ug/l	96
87) 1,2-Dichlorobenzene	12.37	146	210294	16.501	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	35767	15.399	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	139402	16.168	ug/l	98
90) Hexachlorobutadiene	13.76	225	57995	15.902	ug/l	96
91) Naphthalene	13.82	128	444921	16.535	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	142367	16.691	ug/l	96

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ClientSampleId :
VSTDCCC020EC

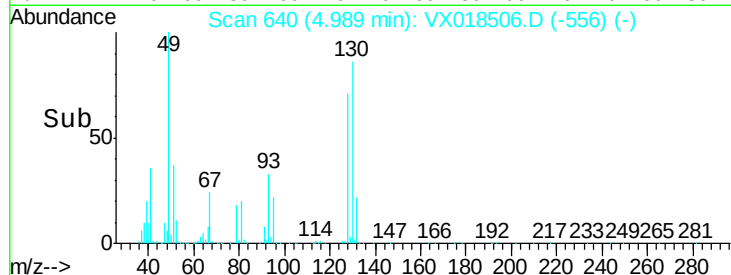
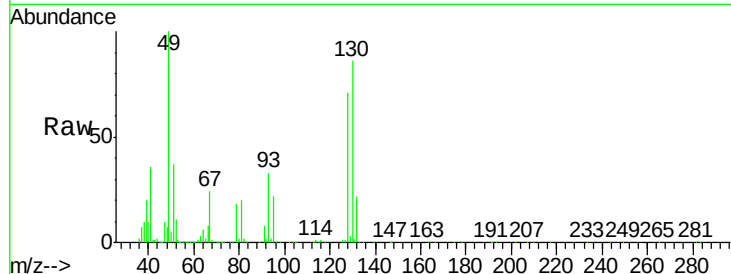
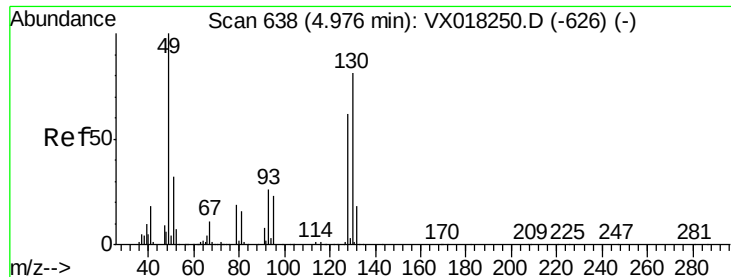
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



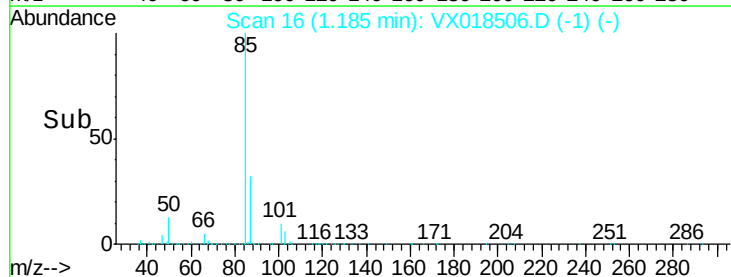
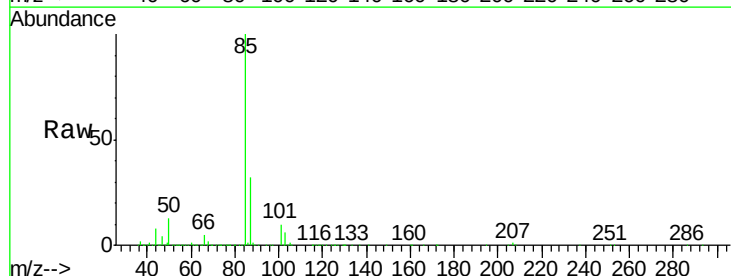
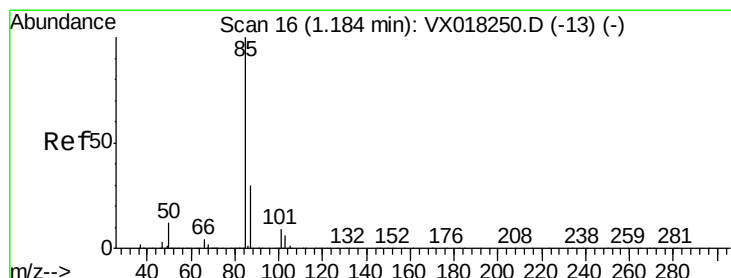
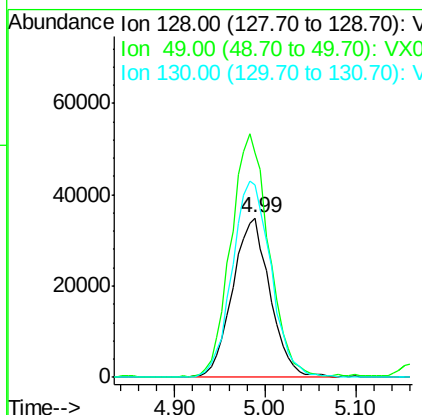
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Bromochloromethane
Concen: 30.000 ug/l
RT: 4.99 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tot Ion	Ratio	Resp	Lower	Upper
128	100	100163		
49	154.2	0.0	392.0	
130	128.0	0.0	320.2	

Instrument :
MSVOA_X
ClientSampleId :
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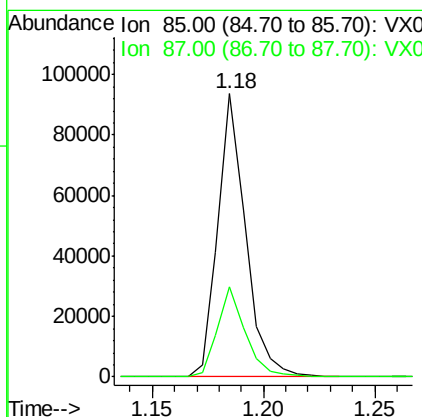
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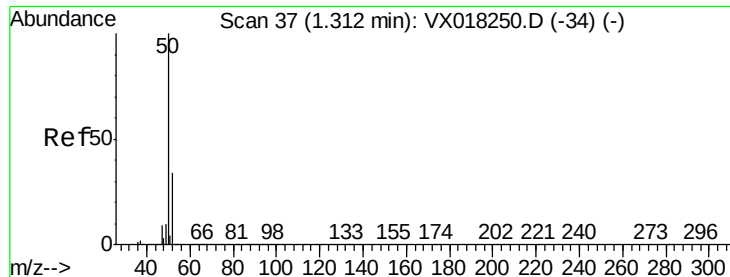
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#2
Dichlorodifluoromethane
Concen: 15.202 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	80575		
87	31.7	15.1	45.3	





#3

Chloromethane

Concen: 15.272 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 85980

Ion Ratio Lower Upper

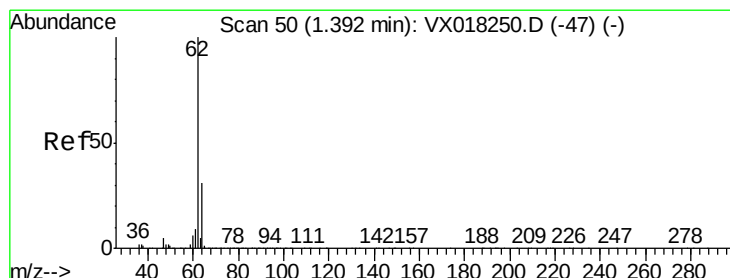
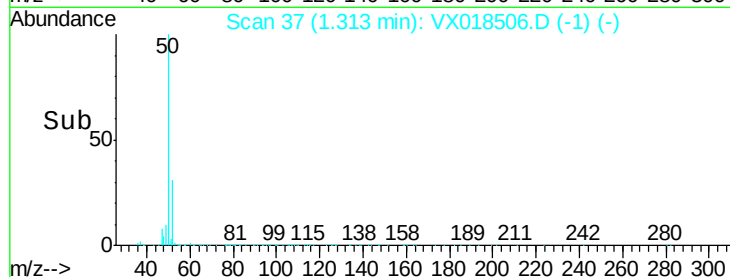
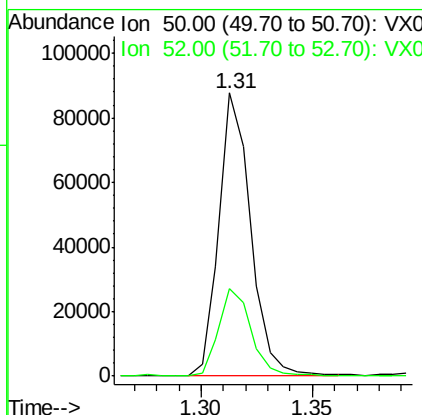
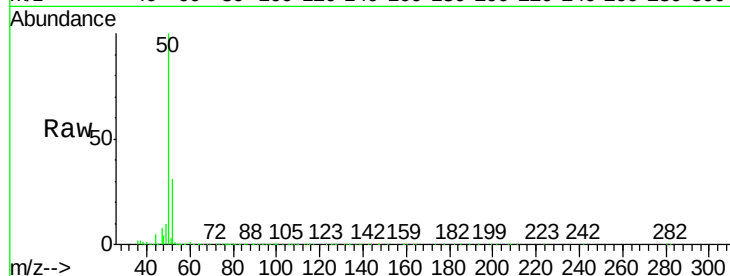
50 100

52 31.0 27.1 40.7

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#4

Vinyl Chloride

Concen: 16.402 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018506.D

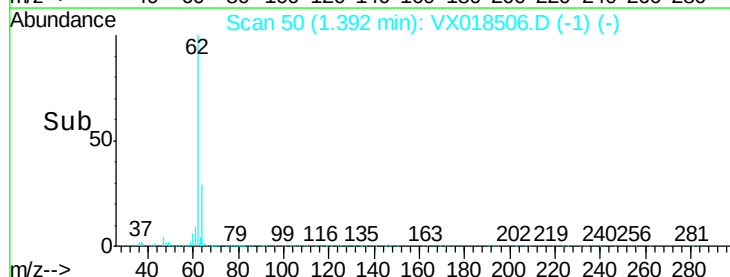
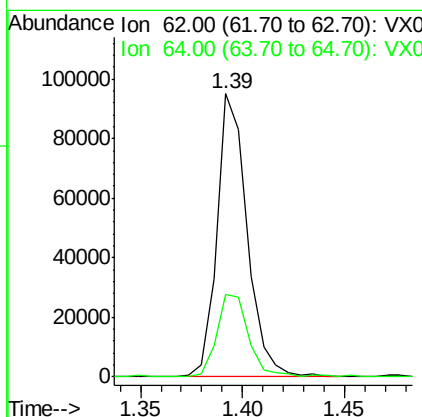
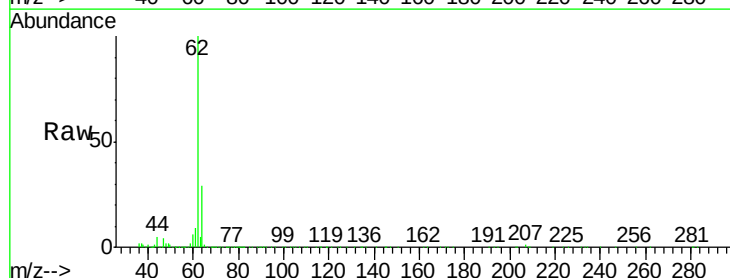
Acq: 18 Sep 2020 20:27

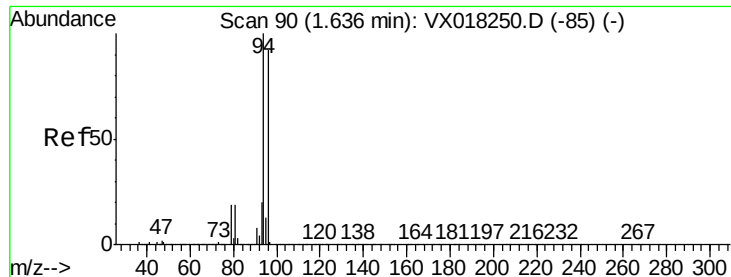
Tgt Ion: 62 Resp: 97232

Ion Ratio Lower Upper

62 100

64 28.9 25.2 37.8





#5

Bromomethane

Concen: 12.590 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 50782

Ion Ratio Lower Upper

94 100

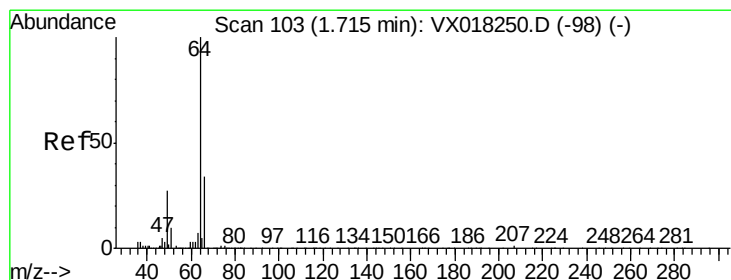
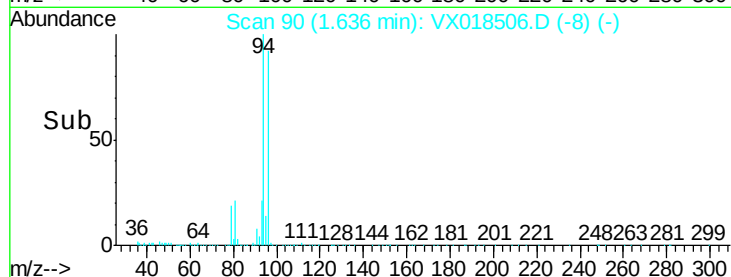
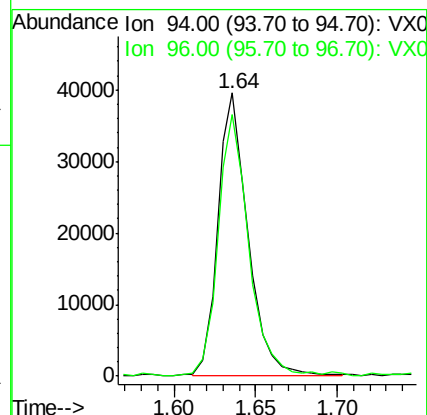
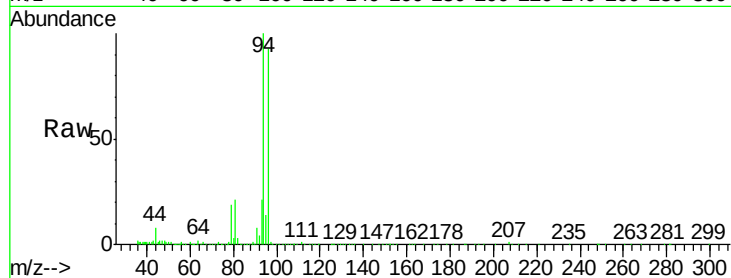
96 91.8 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 17.180 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018506.D

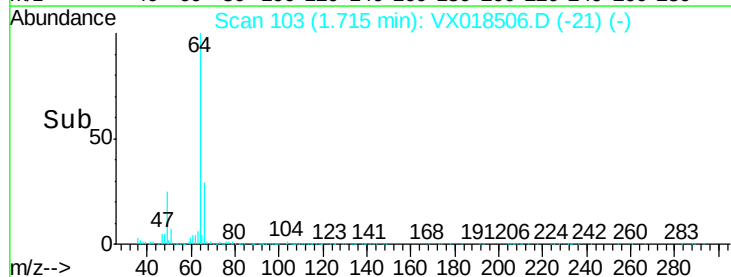
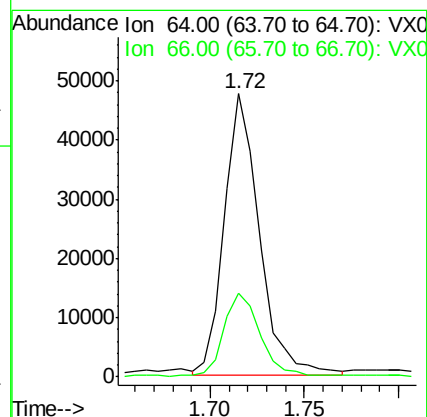
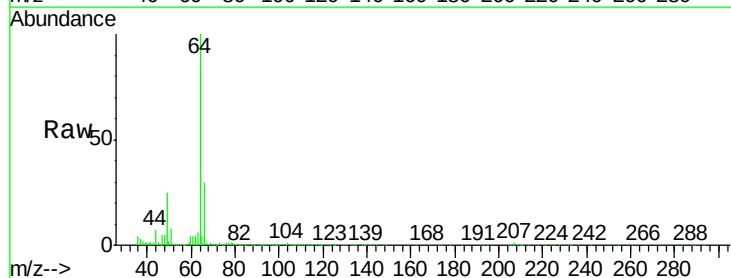
Acq: 18 Sep 2020 20:27

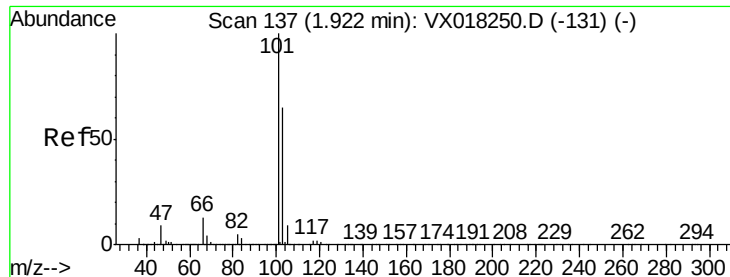
Tgt Ion: 64 Resp: 61900

Ion Ratio Lower Upper

64 100

66 29.3 27.0 40.4





#7

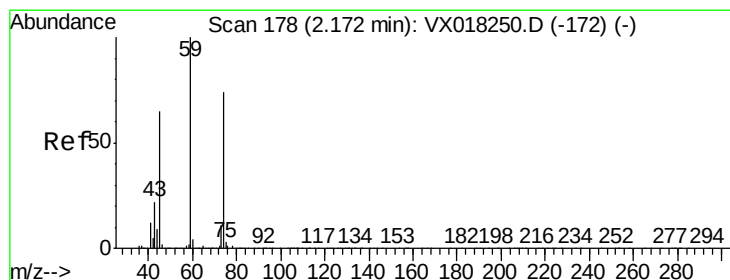
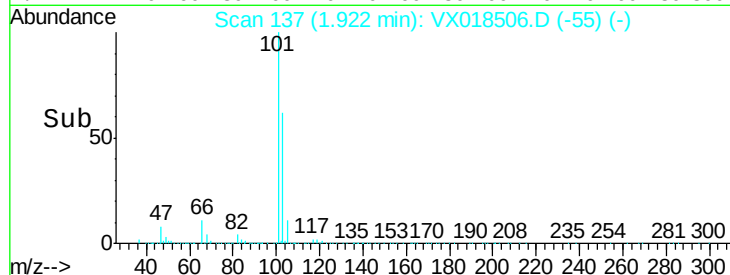
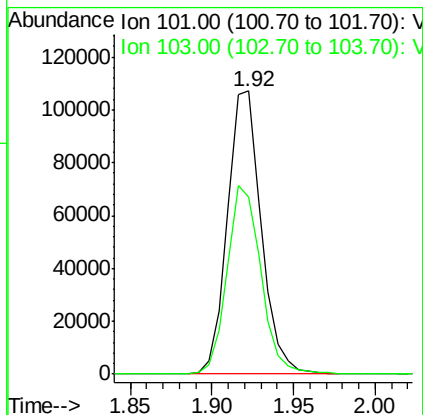
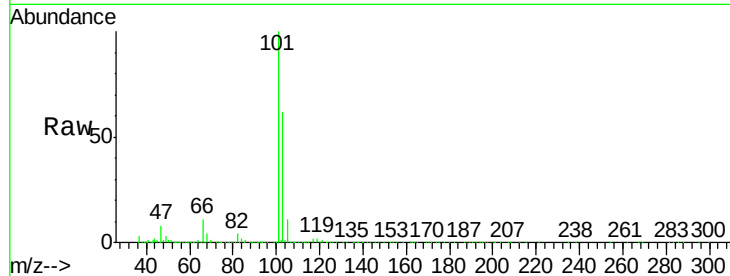
Trichlorofluoromethane
Concen: 15.410 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	154815		
103	62.3	52.3	78.5	

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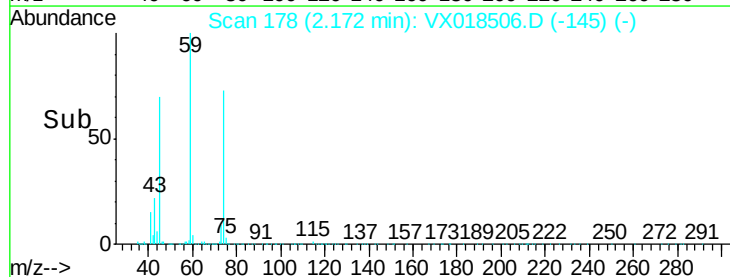
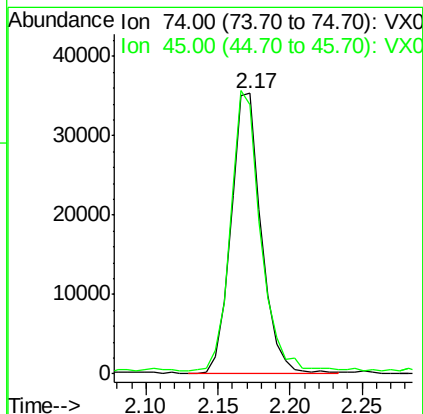
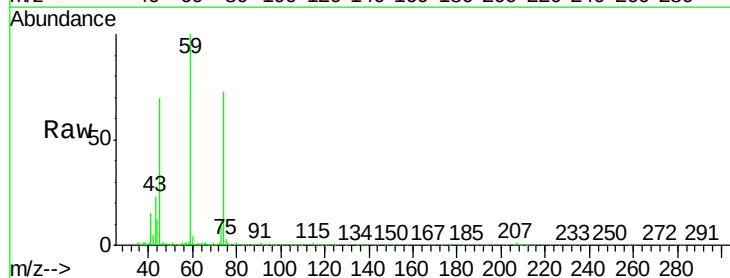
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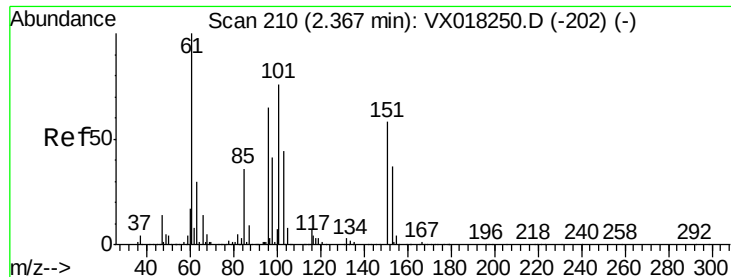


#8

Diethyl Ether
Concen: 16.461 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	52137		
45	98.8	20.5	184.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.851 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

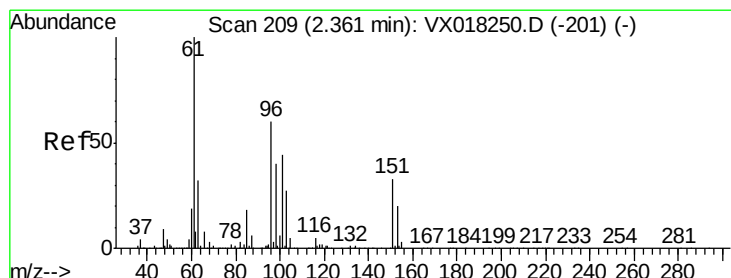
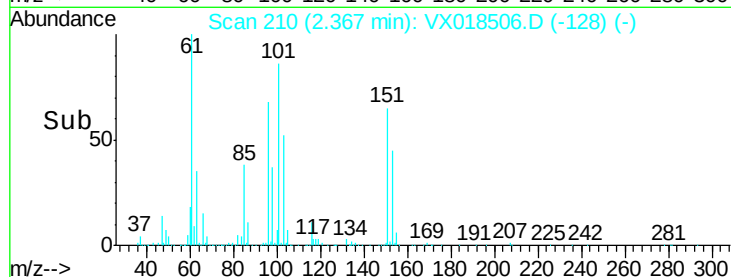
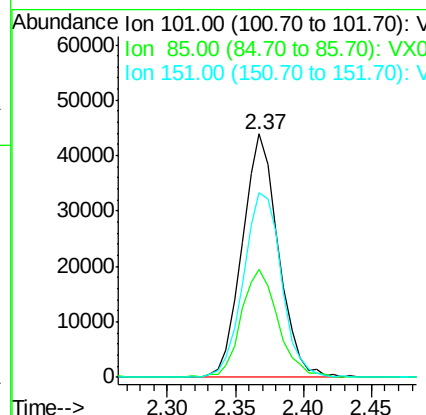
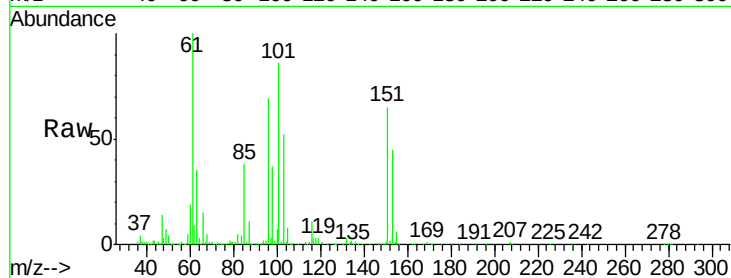
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	81361
Ion Ratio	Lower	Upper	
101	100		
85	45.3	0.0	87.8
151	80.2	0.0	161.4

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#10

1,1-Dichloroethene

Concen: 16.739 ug/l

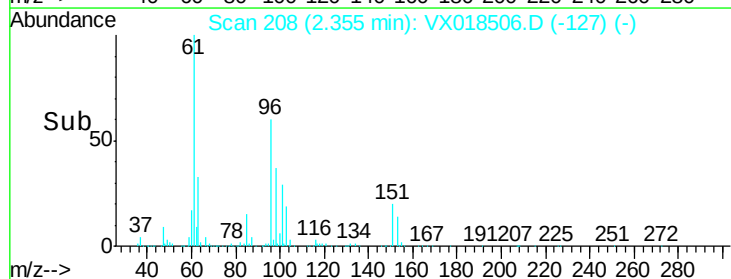
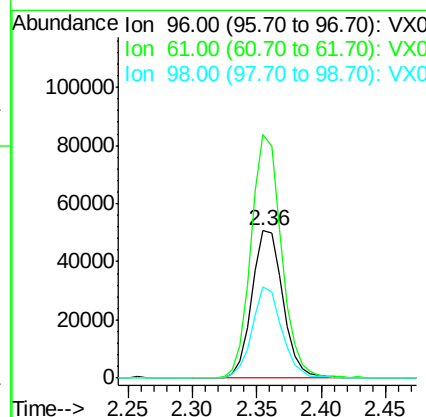
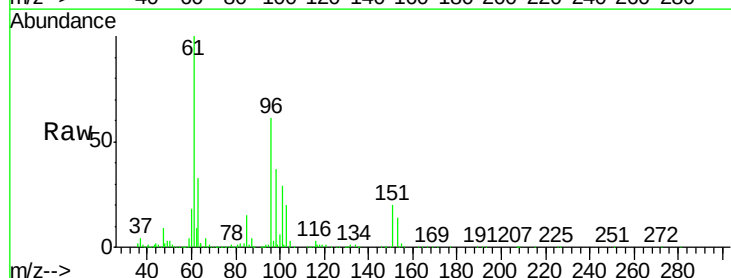
RT: 2.36 min Scan# 208

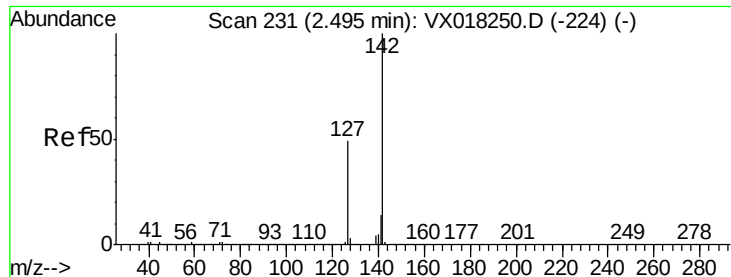
Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	96	Resp:	84343
Ion Ratio	Lower	Upper	
96	100		
61	165.2	132.5	198.7
98	61.4	52.4	78.6





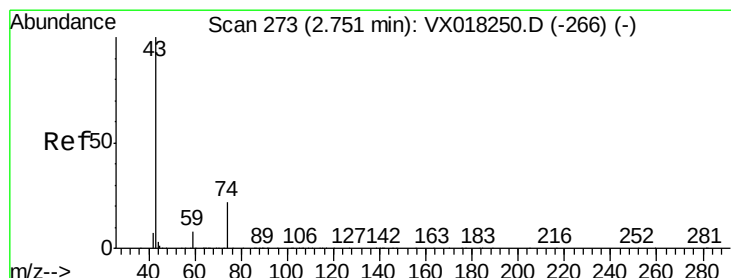
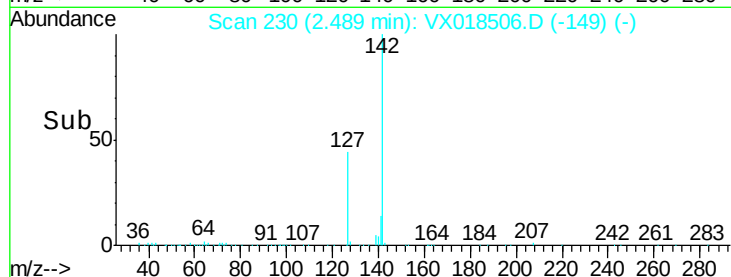
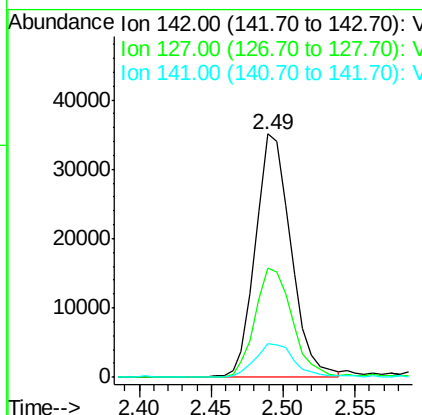
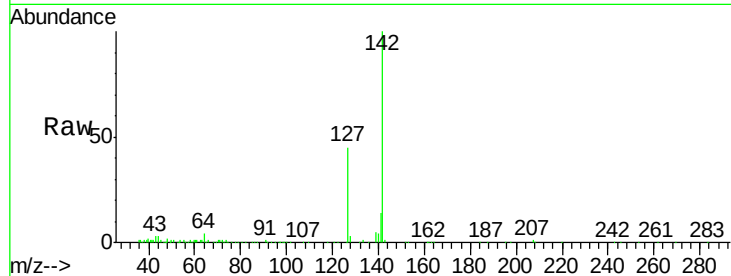
#11
Methvl Iodide
Concen: 15.403 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	44.6	24.6	74.0
141	13.4	7.0	21.0

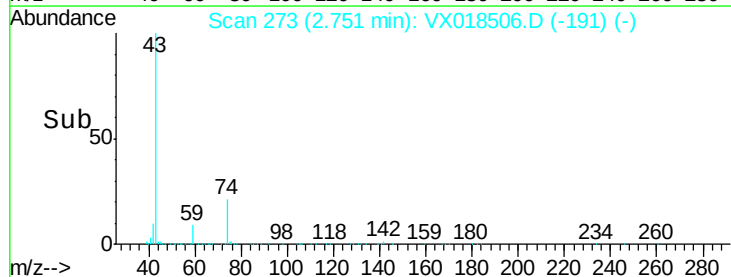
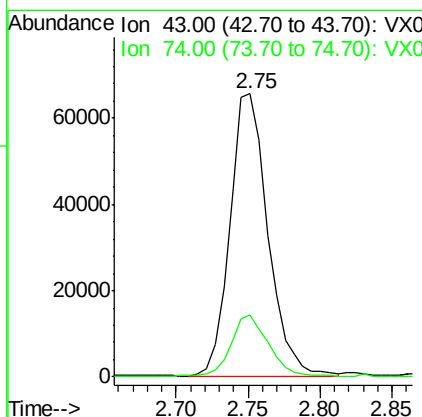
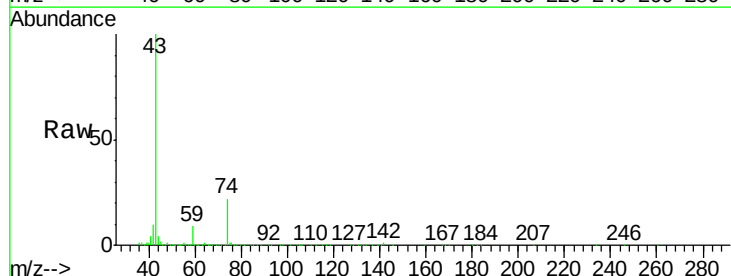
Manual Integrations
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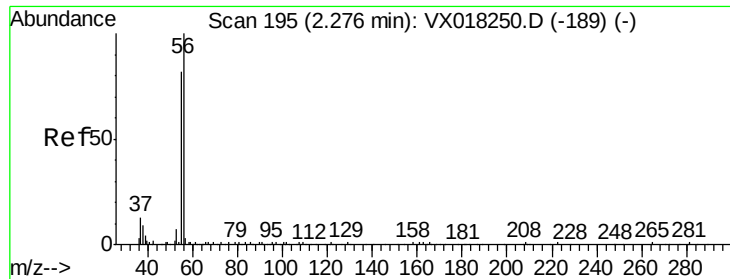
MMDadoda
9/21/2020 11:50:55 AM



#12
Methyl Acetate
Concen: 18.219 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.0	27.0





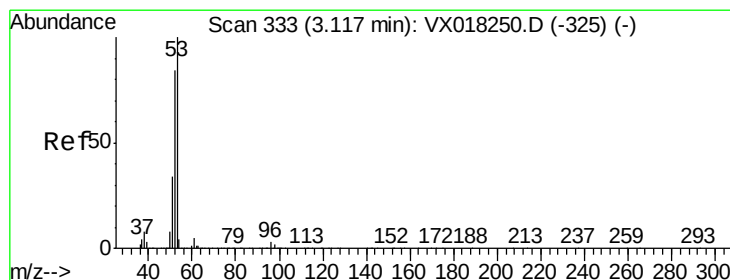
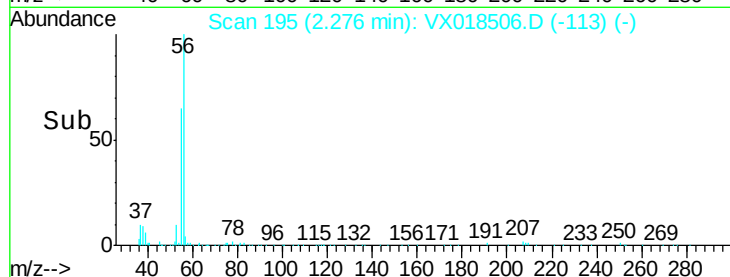
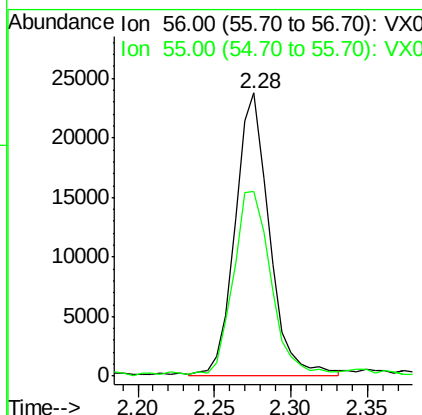
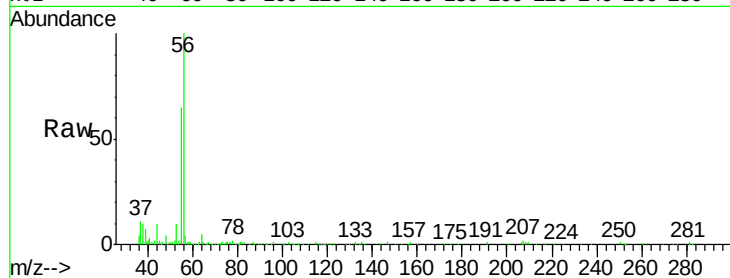
#13
Acrolein
Concen: 68.565 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	69.8	59.7	89.5	

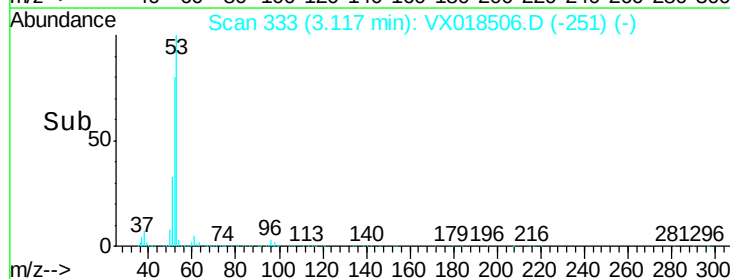
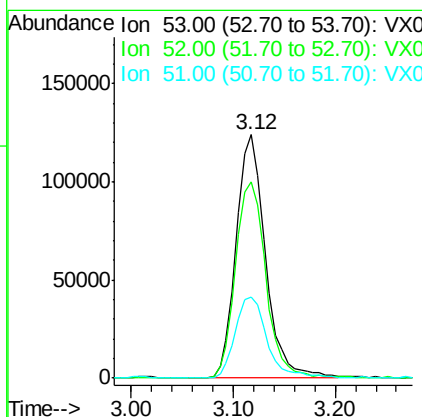
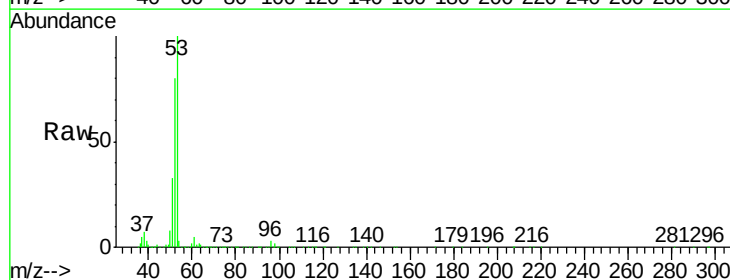
Manual Integrations
APPROVED

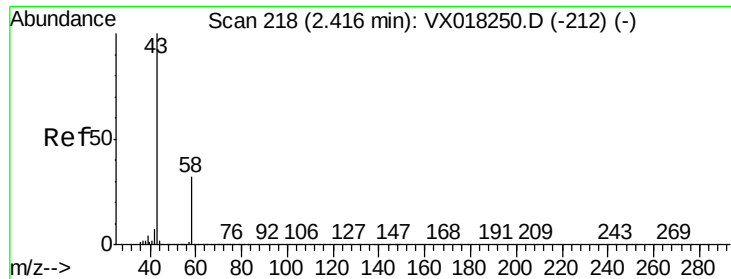
MMDadoda
9/21/2020 11:50:55 AM



#14
Acrylonitrile
Concen: 82.395 ug/l
RT: 3.12 min Scan# 333
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.5	41.9	125.7	
51	36.3	18.3	54.8	





#15

Acetone

Concen: 80.195 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 65528

Ion Ratio Lower Upper

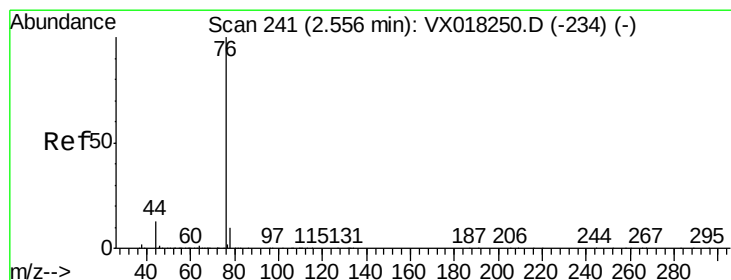
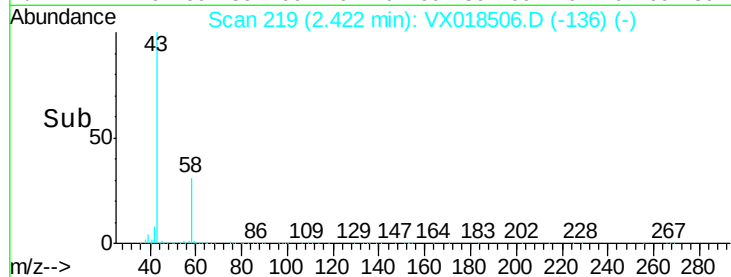
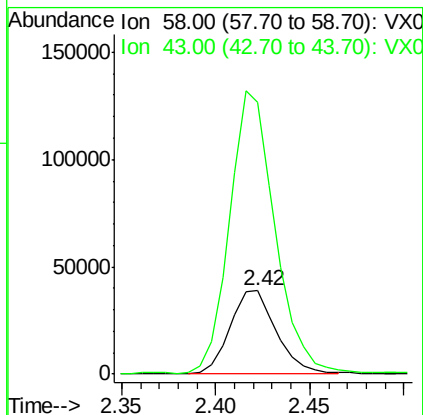
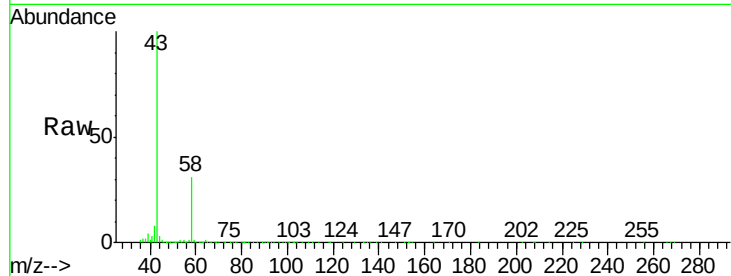
58 100

43 326.1 248.2 372.2

Manual Integrations
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#16

Carbon Disulfide

Concen: 16.149 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018506.D

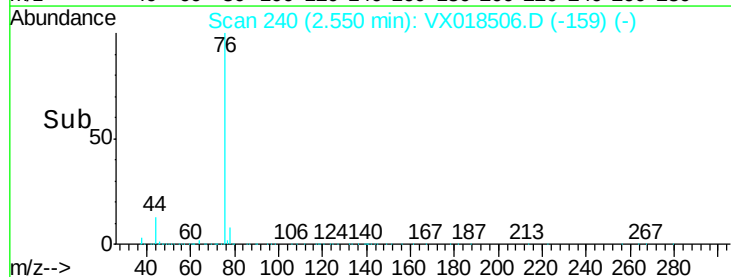
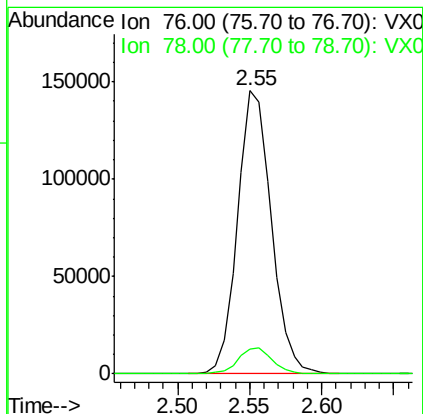
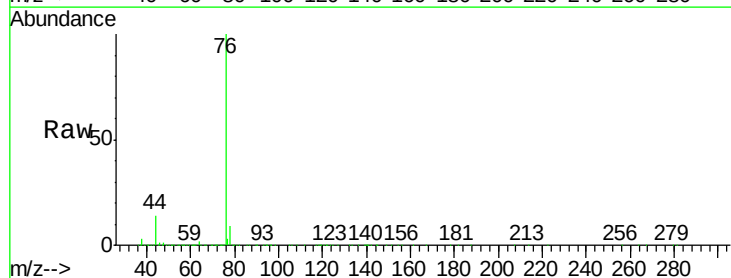
Acq: 18 Sep 2020 20:27

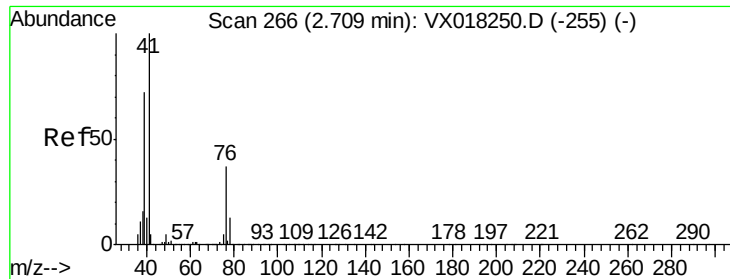
Tgt Ion: 76 Resp: 236933

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6





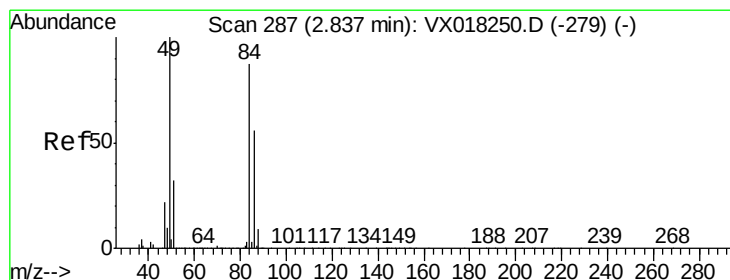
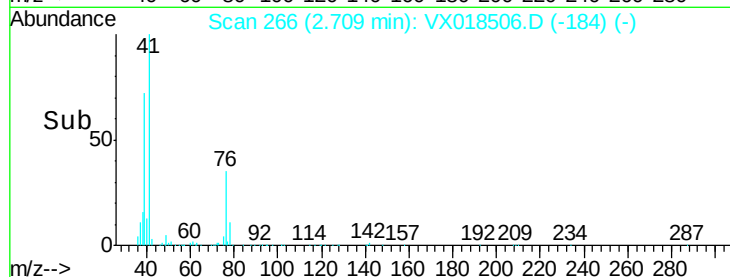
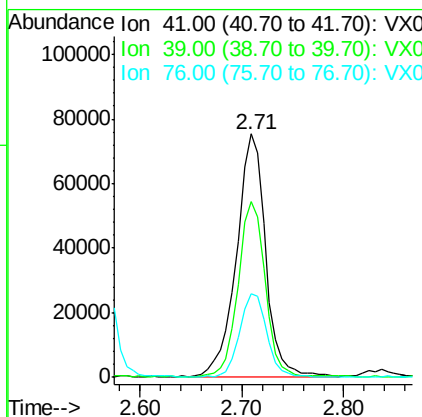
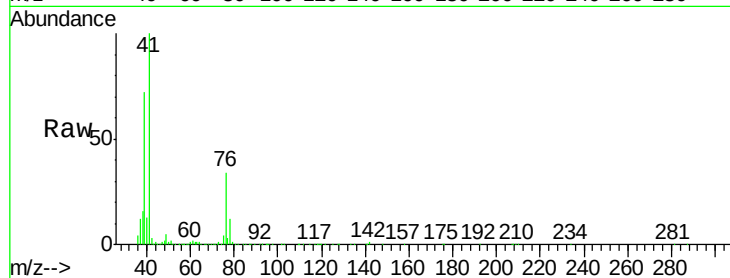
#17
Allvl chloride
Concen: 16.534 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.2	36.0	108.1
76	34.3	18.6	55.6

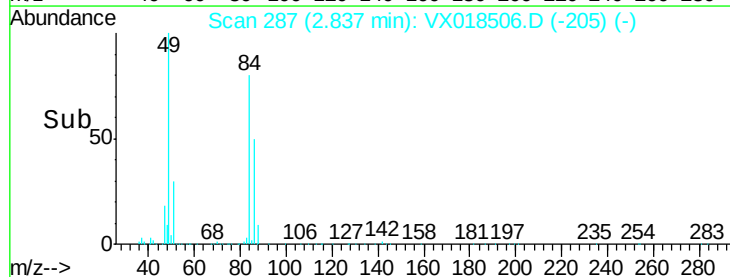
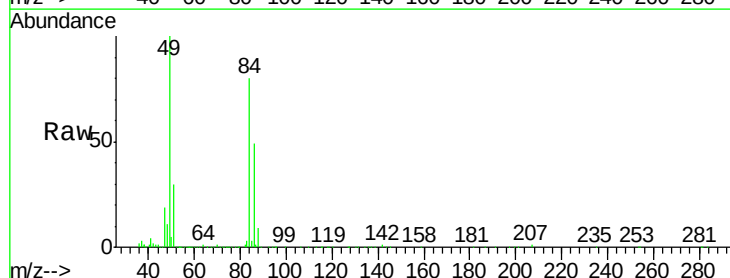
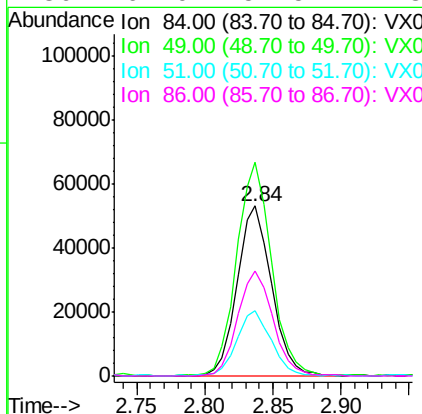
Manual Integrations
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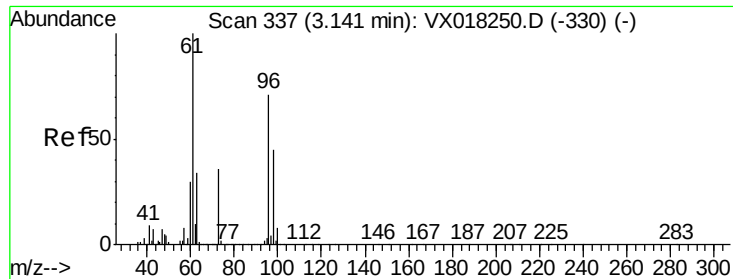
MMDadoda
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#18
Methylene Chloride
Concen: 15.864 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.4	91.6	137.4
51	38.3	29.4	44.0
86	62.0	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 16.311 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

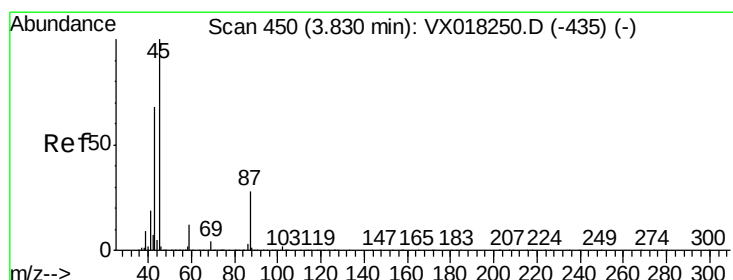
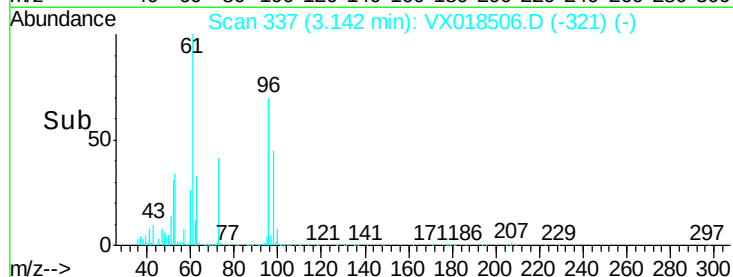
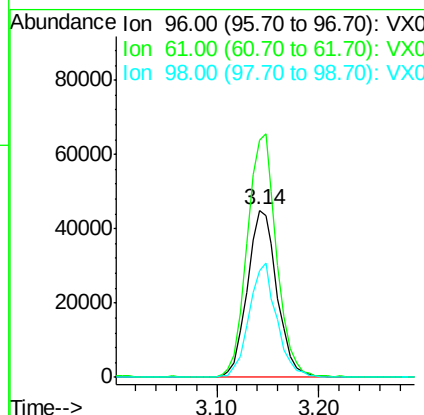
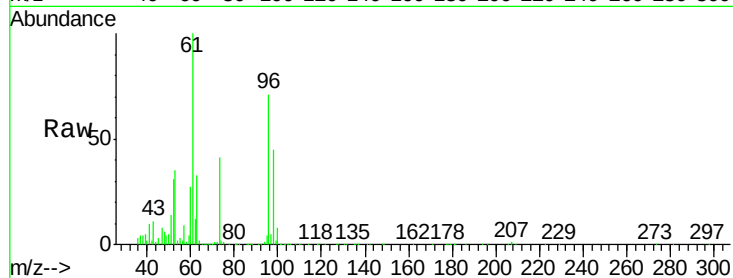
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	91249
Ion	Ratio	Lower	Upper
96	100		
61	141.4	112.8	169.2
98	63.5	51.0	76.4

Manual Integrations
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#20

Diisopropyl ether

Concen: 17.402 ug/l

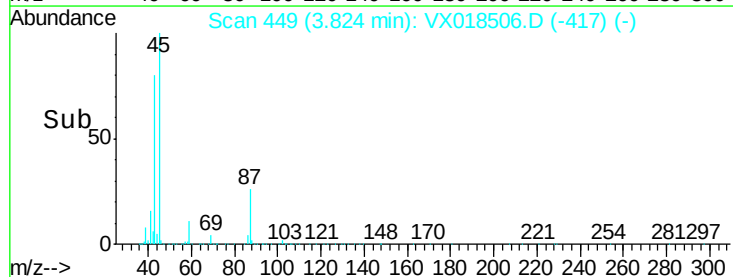
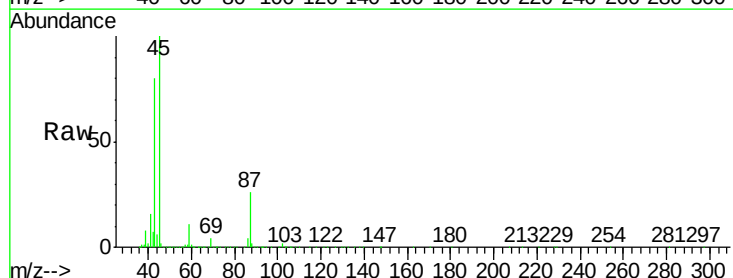
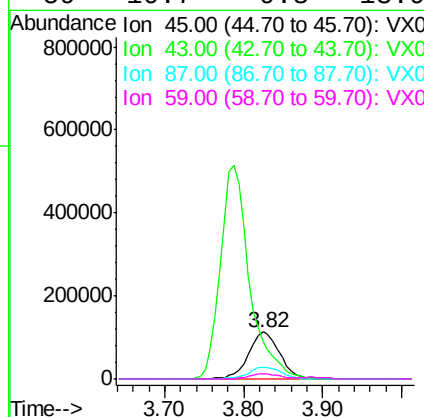
RT: 3.82 min Scan# 449

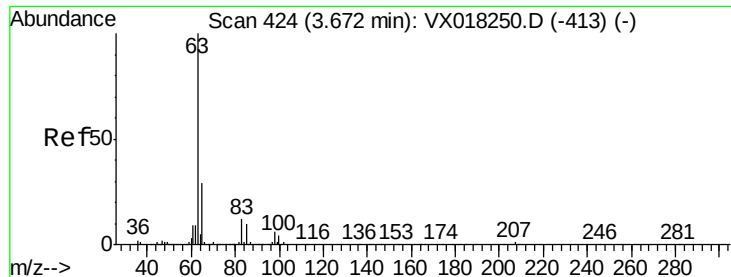
Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	45	Resp:	310258
Ion	Ratio	Lower	Upper
45	100		
43	79.3	54.5	81.7
87	25.5	22.2	33.2
59	10.7	9.3	13.9





#21

1,1-Dichloroethane

Concen: 16.283 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

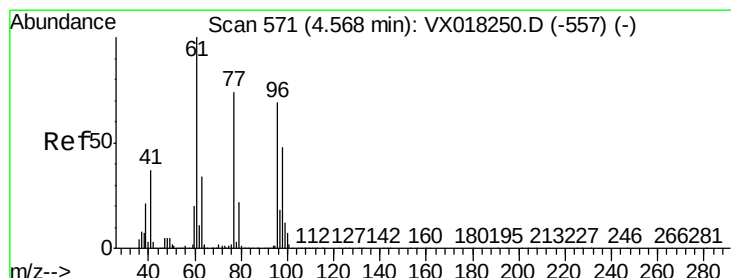
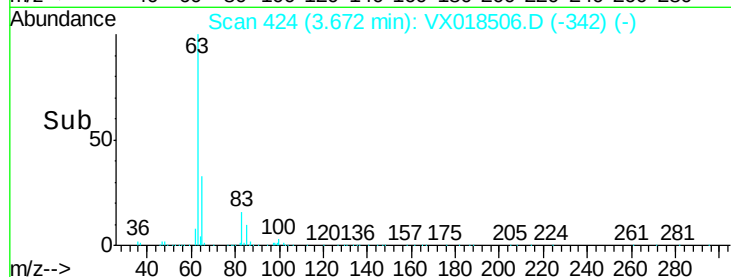
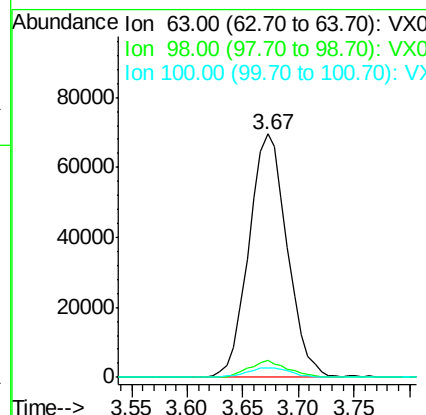
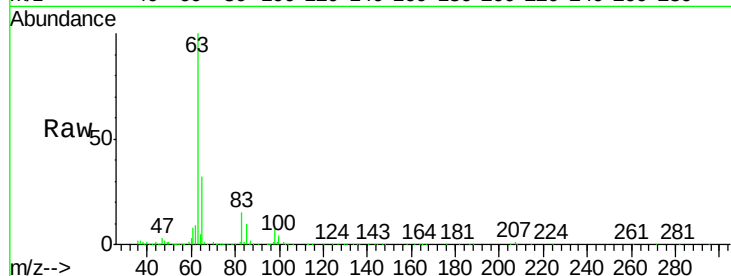
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	166633
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.2	9.6
100	3.8	2.1	6.3

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#22

cis-1,2-Dichloroethene

Concen: 16.882 ug/l

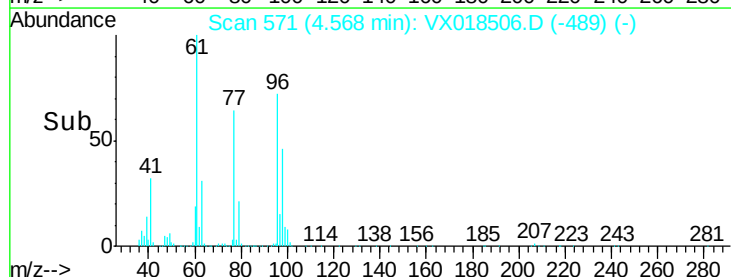
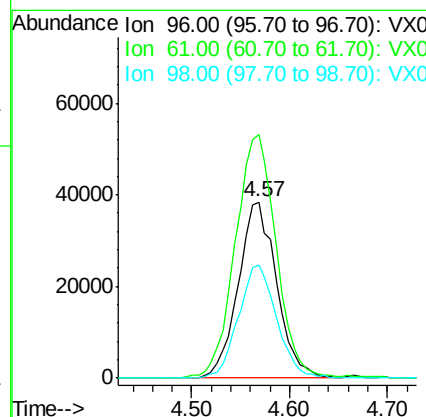
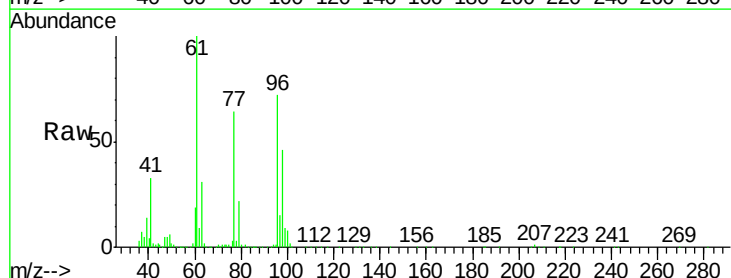
RT: 4.57 min Scan# 571

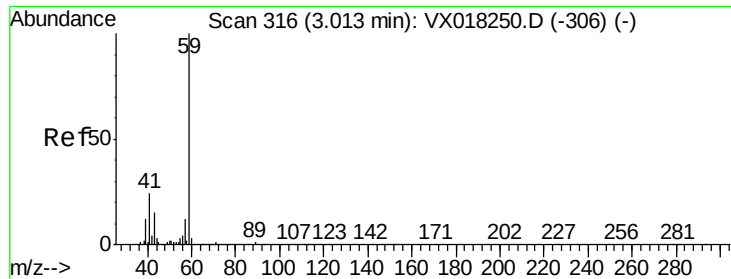
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	96	Resp:	104496
Ion Ratio	Lower	Upper	
96	100		
61	146.5	116.2	174.4
98	63.7	52.5	78.7





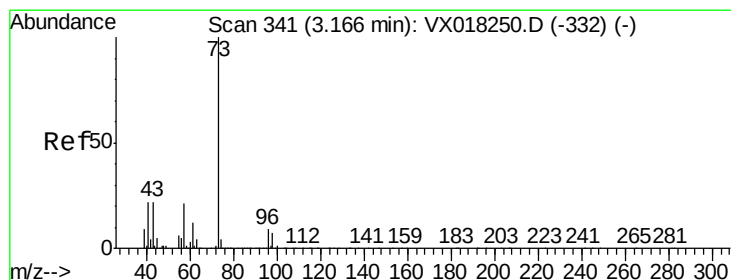
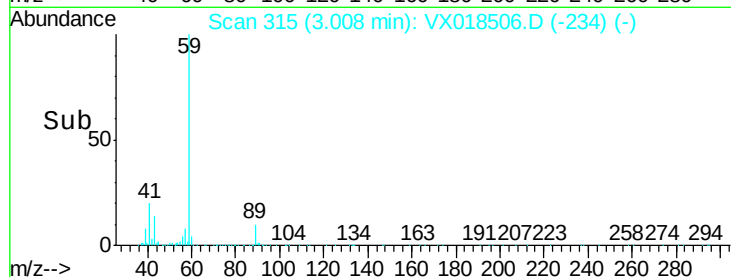
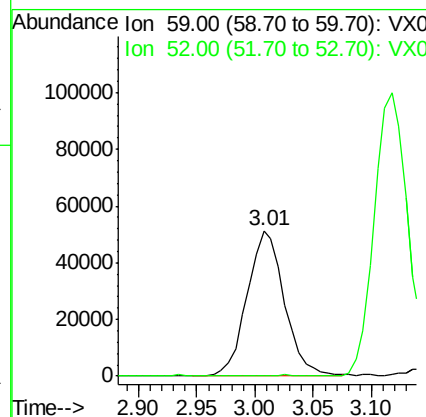
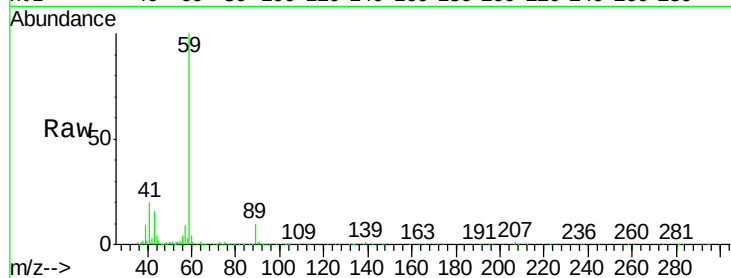
#23
 tert-Butyl Alcohol
 Concen: 88.554 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion: 59 Resp: 115328
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.4 0.6#

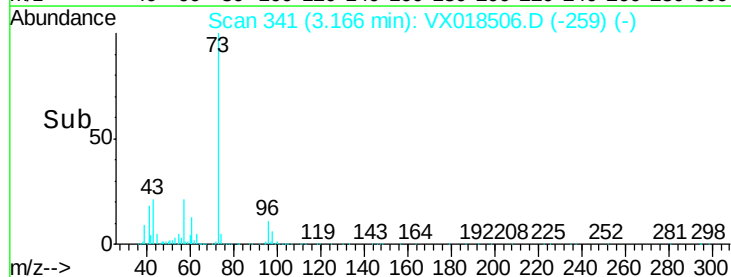
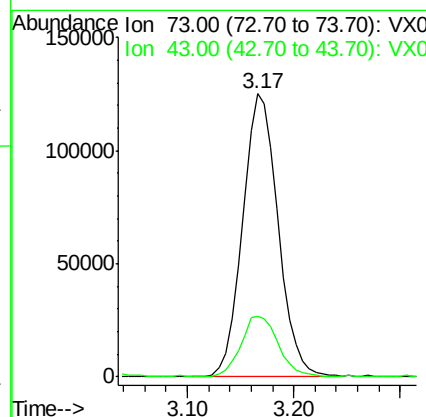
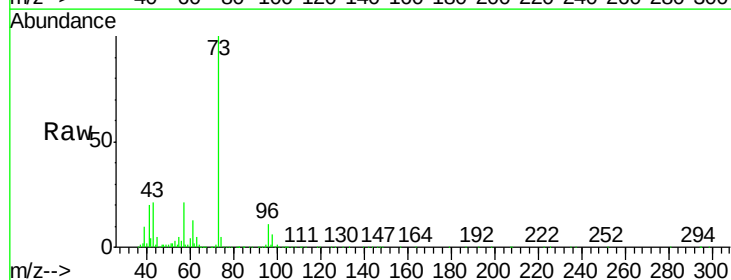
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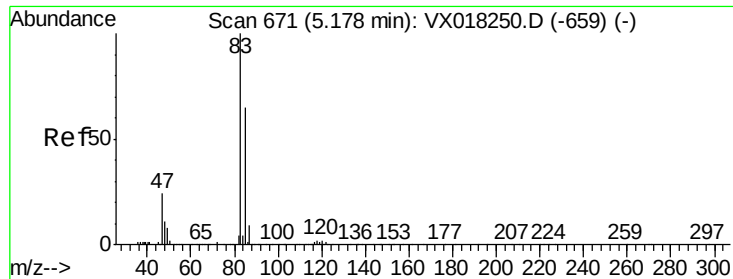
MMDadoda
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#24
 Methyl tert-Butyl Ether
 Concen: 16.296 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 73 Resp: 291922
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.8 26.6





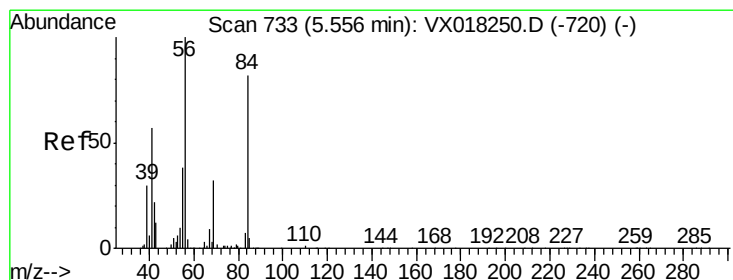
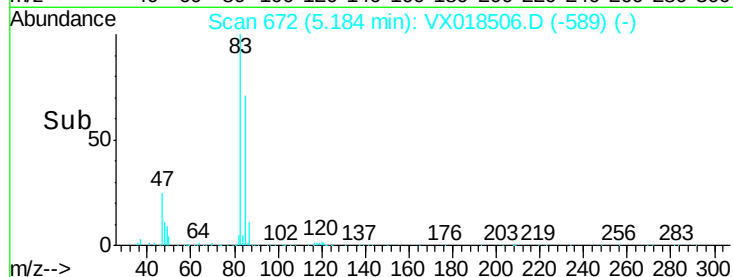
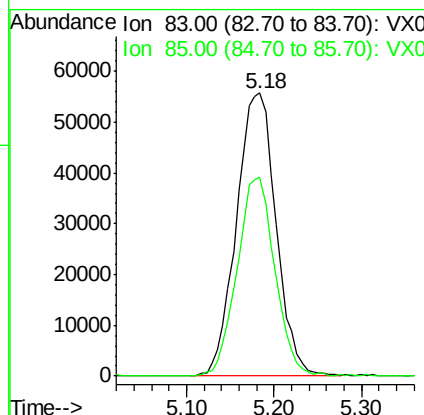
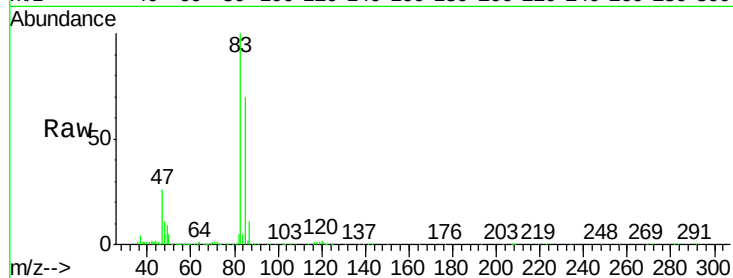
#25
Chloroform
Concen: 16.067 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	175477
Ion Ratio	100	Lower	Upper
83	100		
85	69.9	51.6	77.4

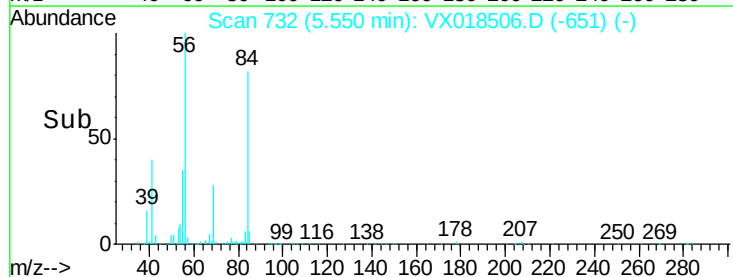
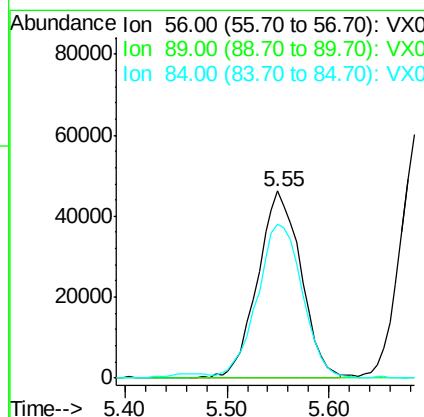
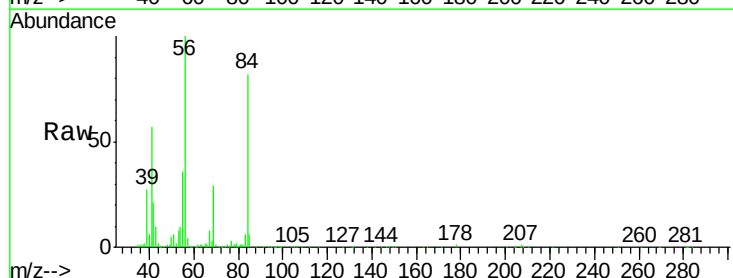
Manual Integrations
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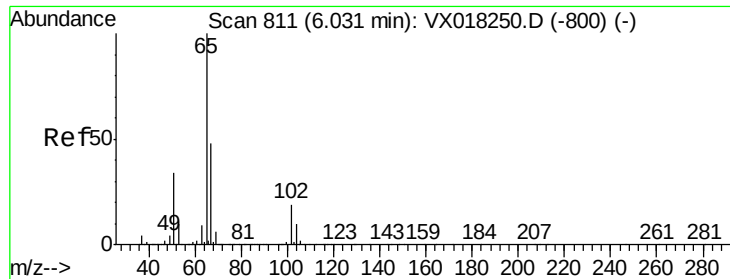
MMDadoda
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#26
Cyclohexane
Concen: 16.481 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	56	Resp	136130
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.1	0.1#
84	86.3	41.0	61.4#





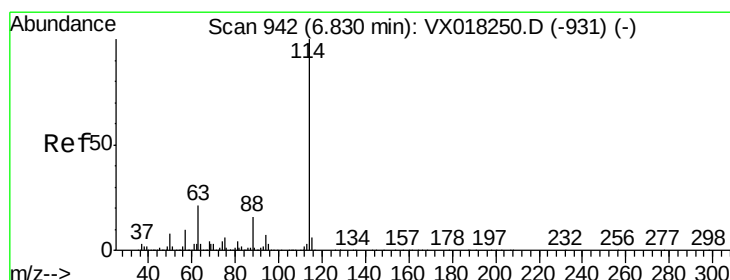
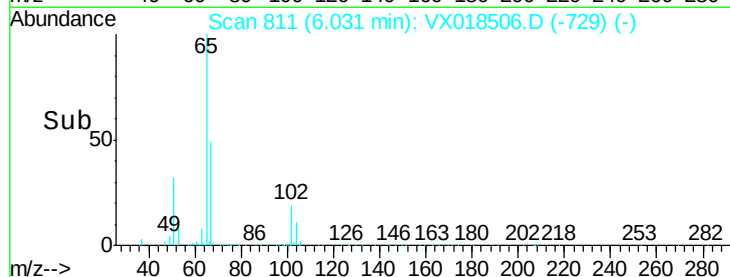
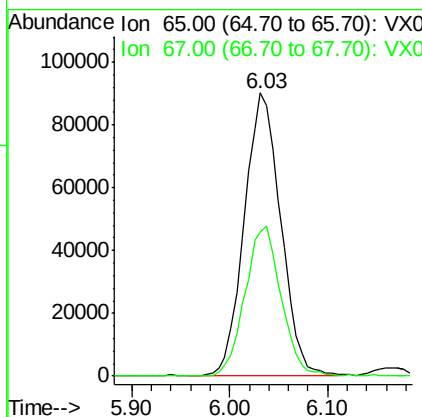
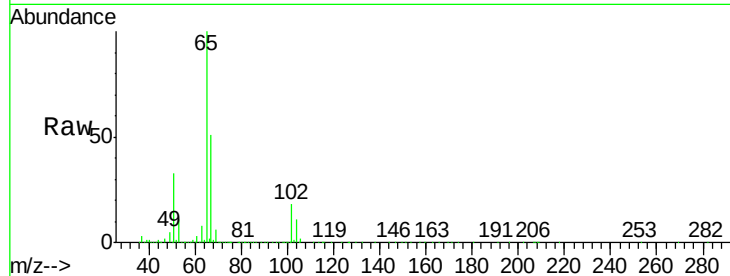
#27
 1,2-Dichloroethane-d4
 Concen: 29.585 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.0	39.9	59.9

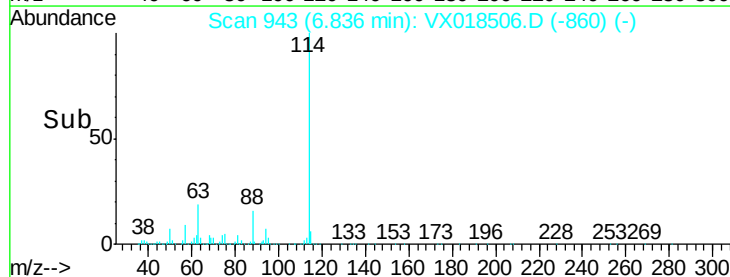
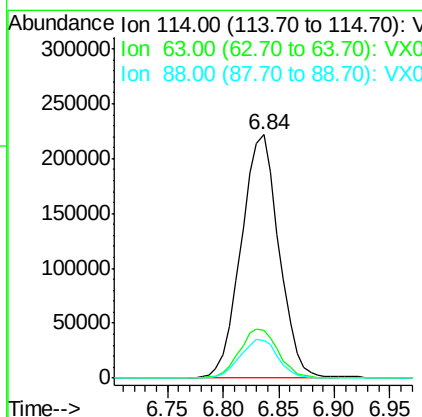
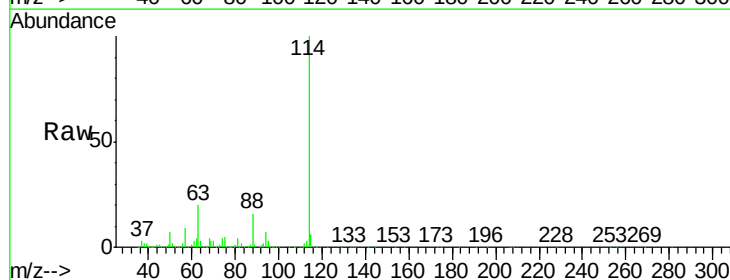
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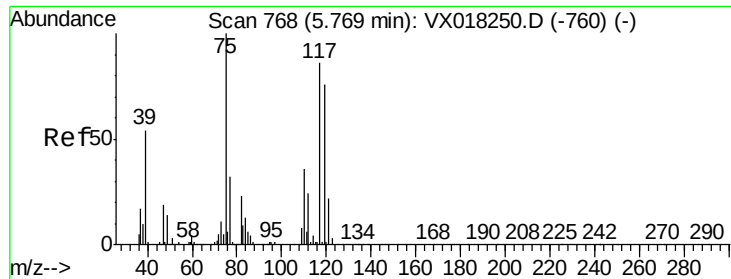
MMDadoda
 9/21/2020 11:50:55 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.6	16.7	25.1
88	16.0	12.6	18.8





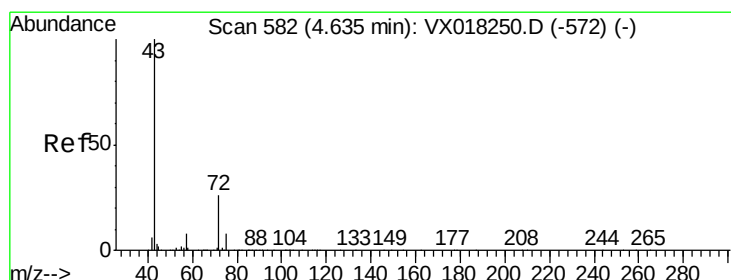
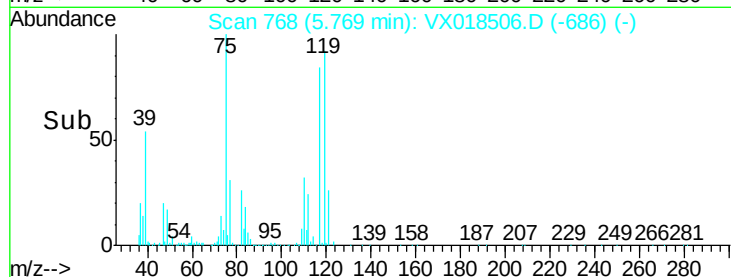
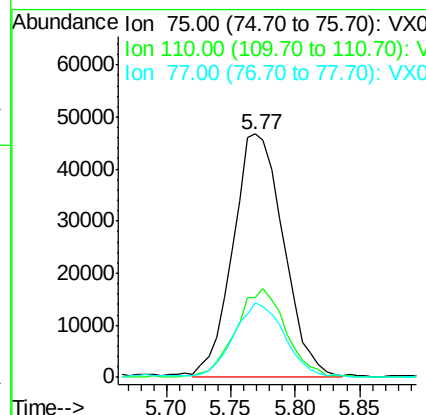
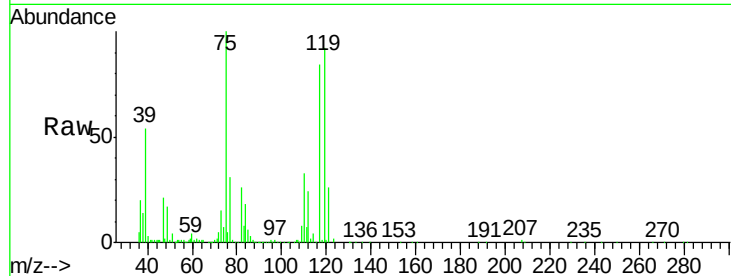
#29
 1,1-Dichloropropene
 Concen: 15.943 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.1	0.0	72.2
77	30.5	0.0	61.0

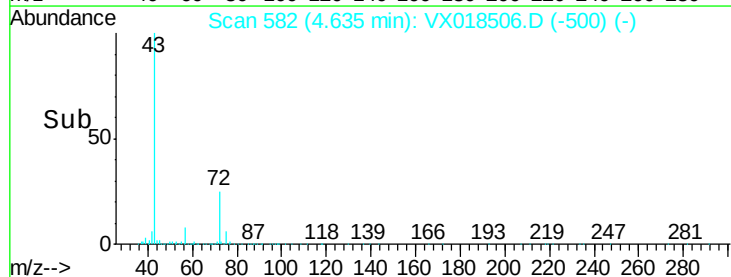
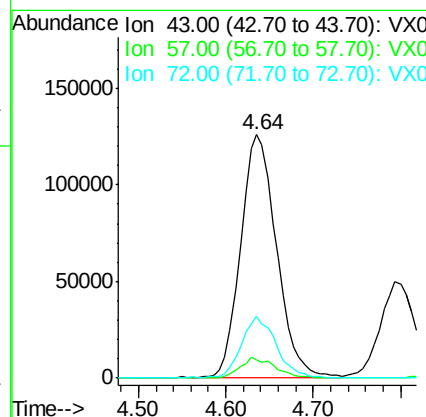
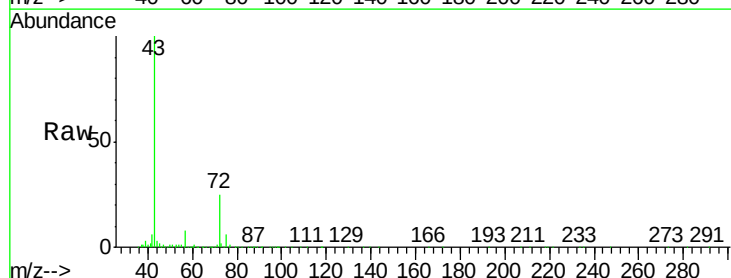
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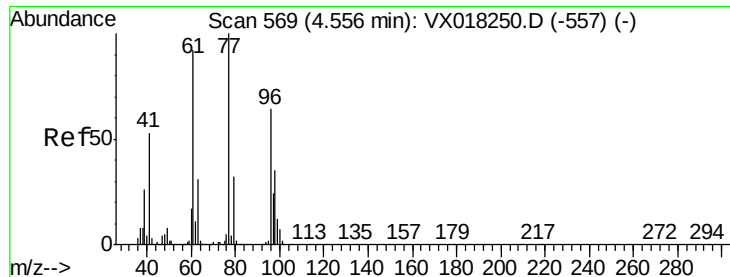
MMDadoda
 9/21/2020 11:50:55 AM



#30
 2-Butanone
 Concen: 81.306 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.2	6.7	10.1
72	24.2	20.0	30.0





#31

2,2-Dichloropropane

Concen: 13.953 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 134845

Ion Ratio Lower Upper

77 100

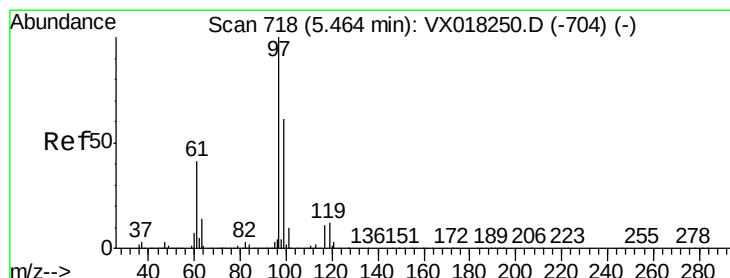
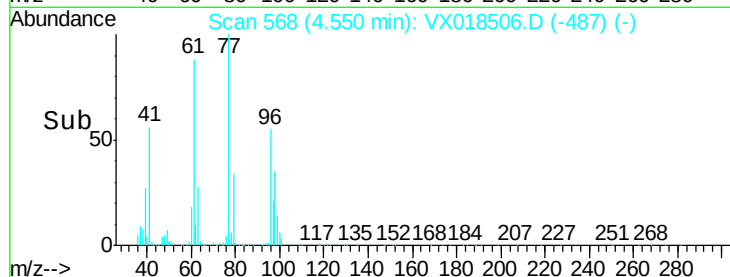
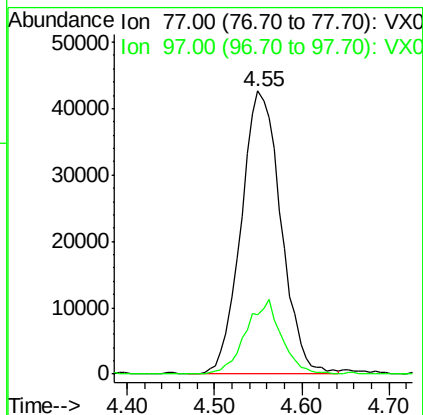
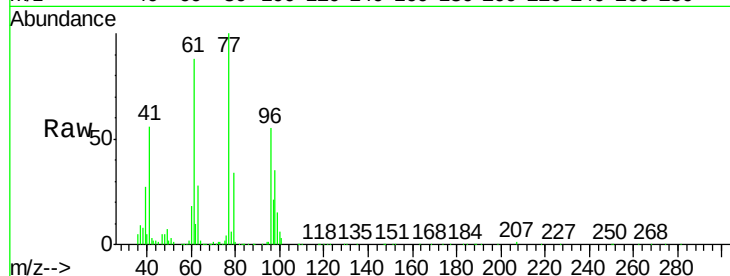
97 23.8 18.1 27.1

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#32

1,1,1-Trichloroethane

Concen: 15.784 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

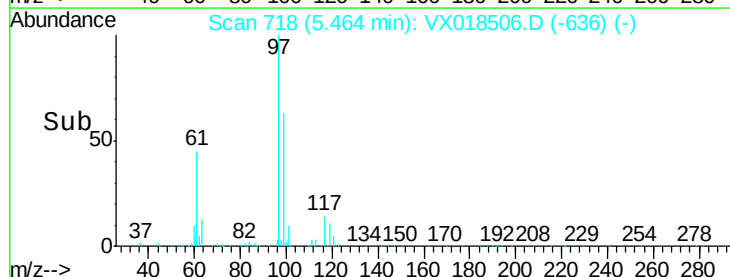
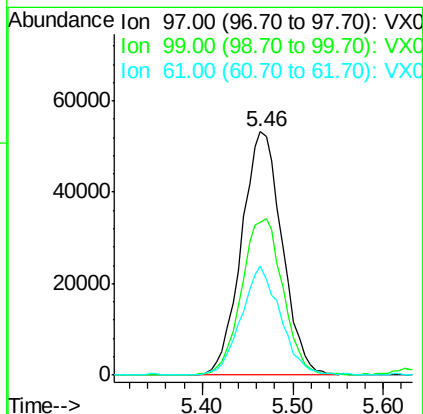
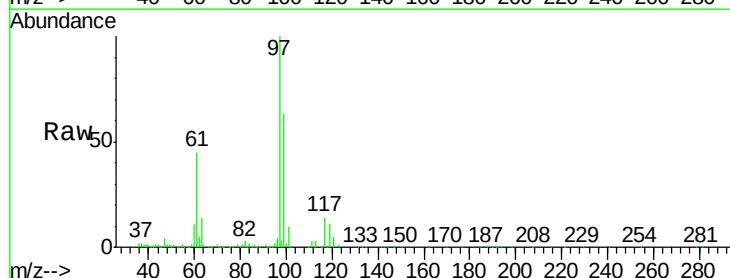
Tgt Ion: 97 Resp: 165302

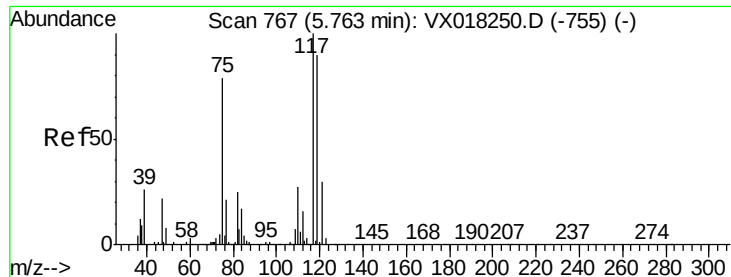
Ion Ratio Lower Upper

97 100

99 65.3 50.7 76.1

61 42.9 34.5 51.7





#33

Carbon Tetrachloride

Concen: 15.410 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

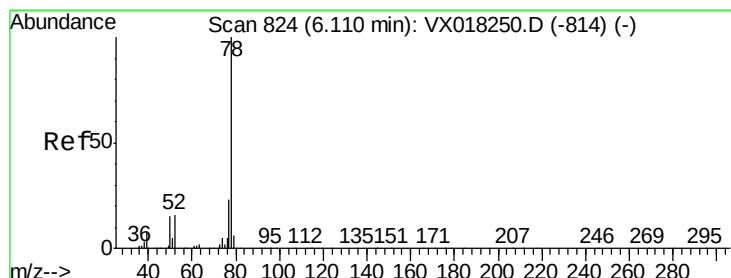
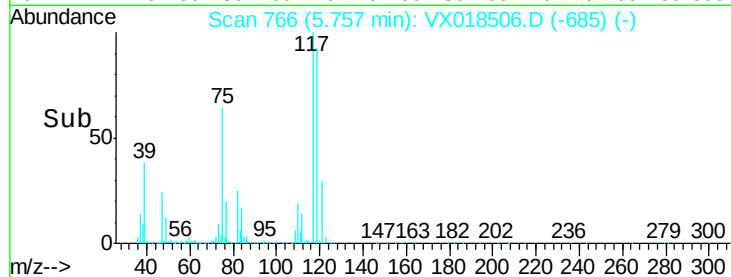
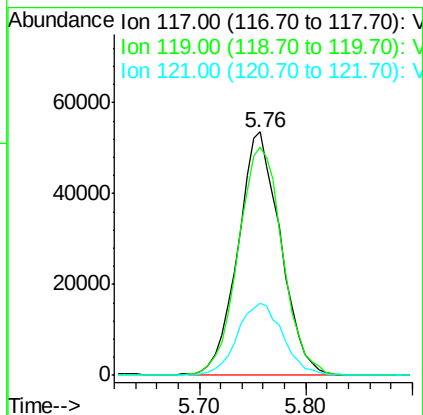
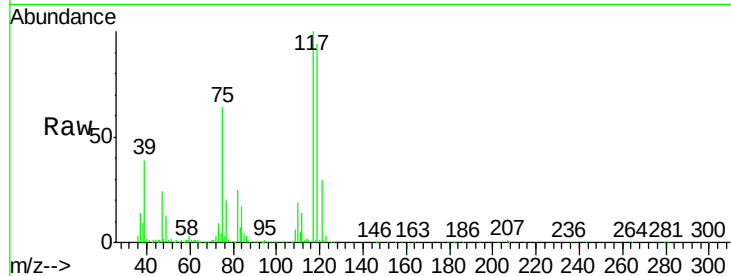
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	150377
Ion Ratio	Lower	Upper	
117	100		
119	93.4	72.3	108.5
121	29.6	24.1	36.1

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#34

Benzene

Concen: 15.966 ug/l

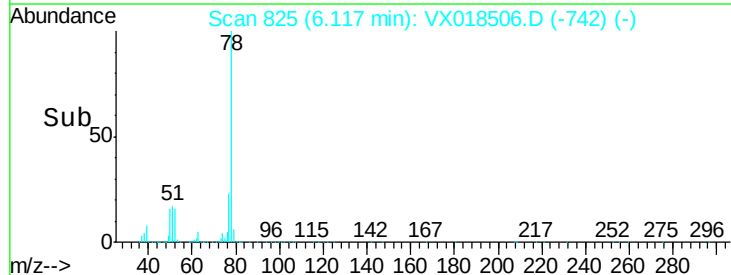
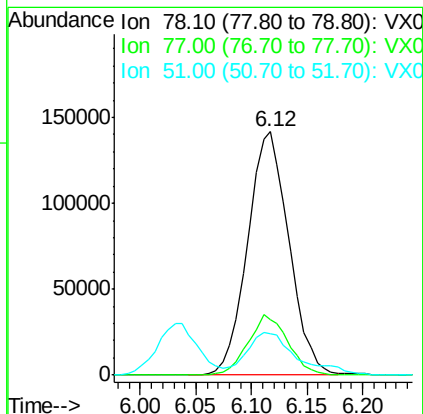
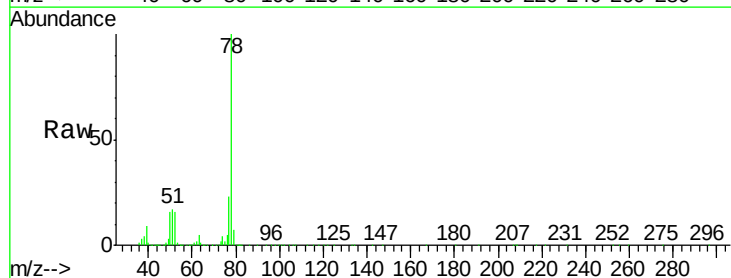
RT: 6.12 min Scan# 825

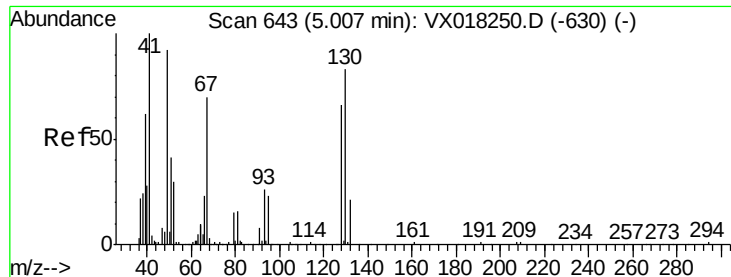
Delta R.T. 0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	78	Resp:	364652
Ion Ratio	Lower	Upper	
78	100		
77	22.9	18.3	27.5
51	13.9	11.3	16.9





#35

Methacrylonitrile

Concen: 16.645 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

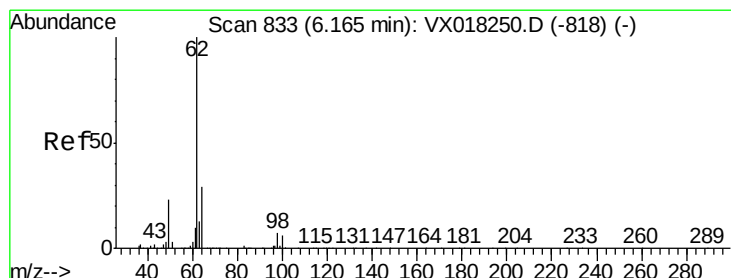
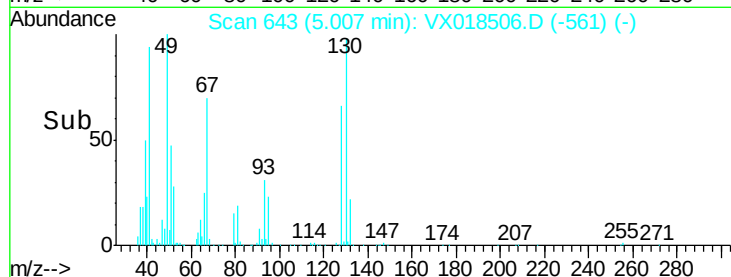
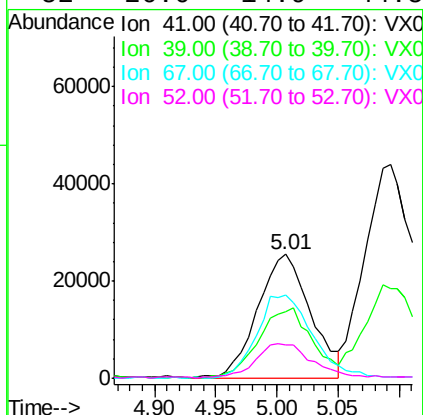
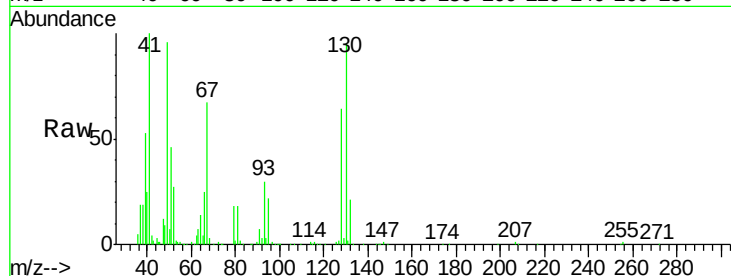
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	52.7	31.3	93.9
67	66.6	35.4	106.2
52	26.0	14.9	44.5

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#36

1,2-Dichloroethane

Concen: 15.958 ug/l

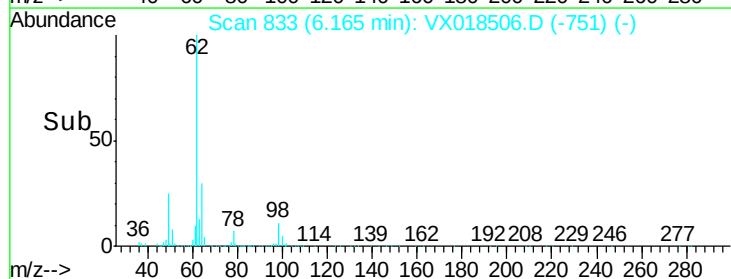
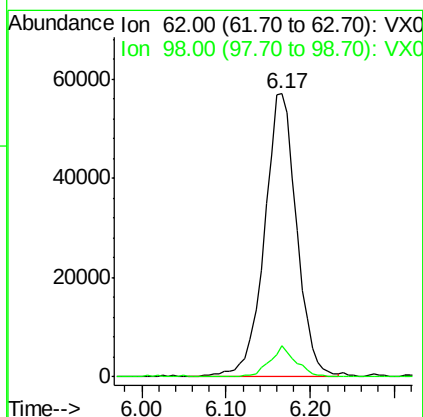
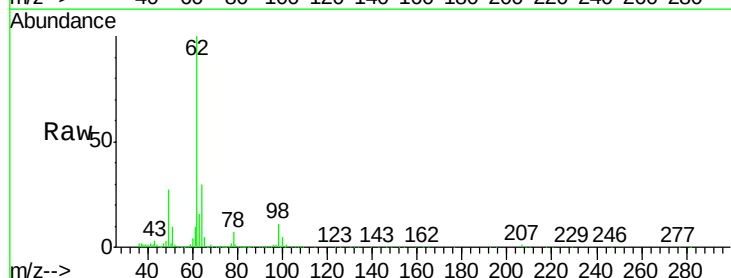
RT: 6.17 min Scan# 833

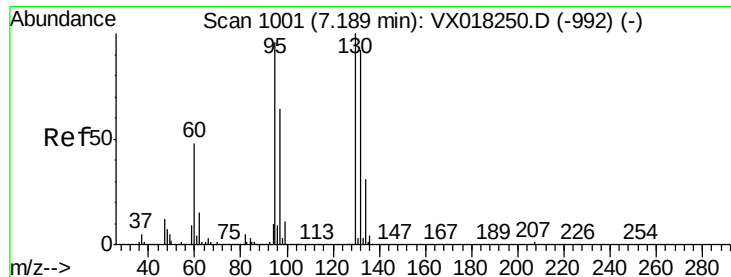
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	0.0#





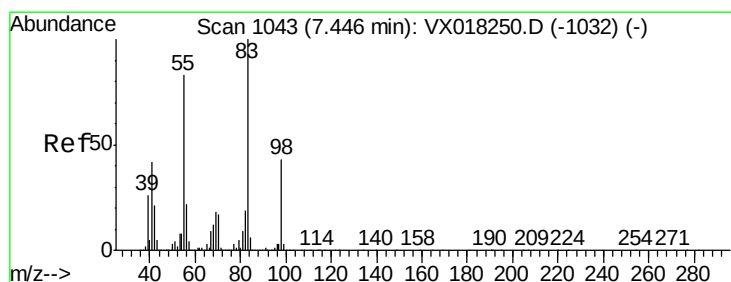
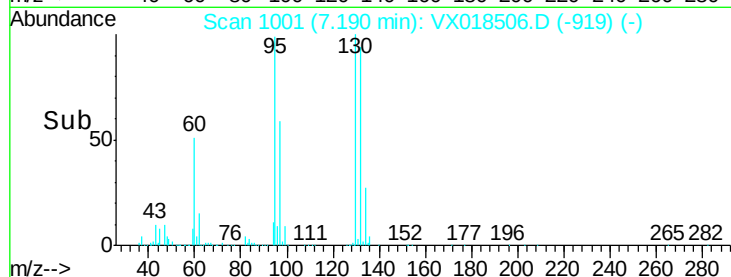
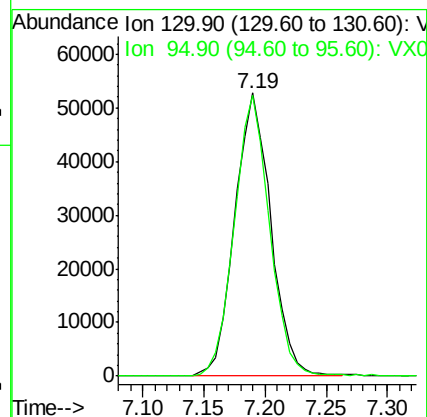
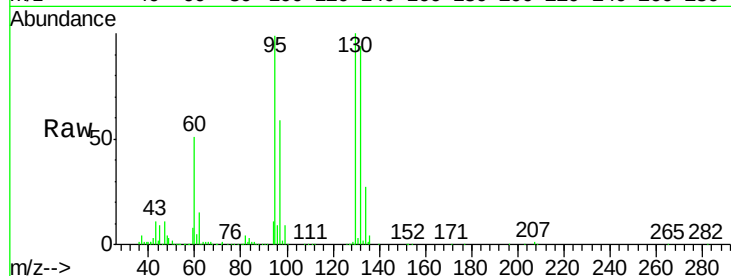
#37
 Trichloroethene
 Concen: 16.330 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 107846
 Ion Ratio Lower Upper
 130 100
 95 98.9 76.9 115.3

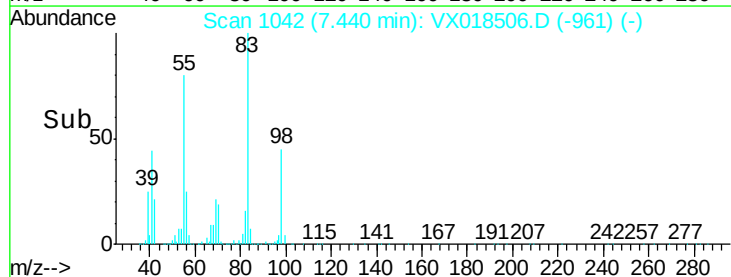
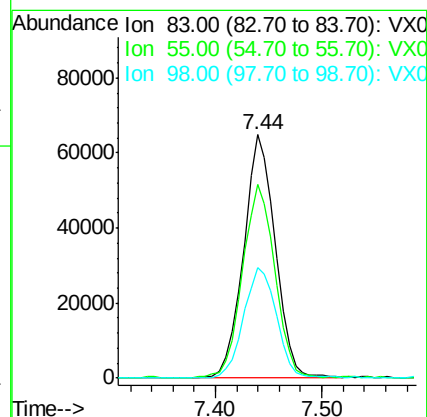
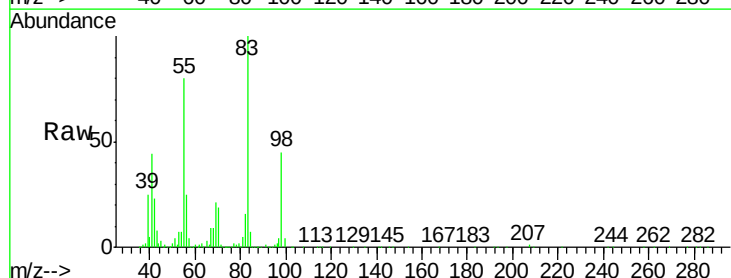
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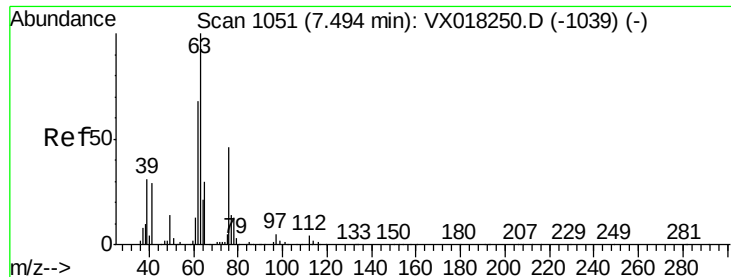
MMDadoda
 9/21/2020 11:50:55 AM



#38
 Methylcyclohexane
 Concen: 15.969 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion: 83 Resp: 136093
 Ion Ratio Lower Upper
 83 100
 55 81.2 41.1 123.4
 98 47.3 24.0 72.0





#39

1,2-Dichloropropane

Concen: 15.947 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 97548

Ion Ratio Lower Upper

63 100

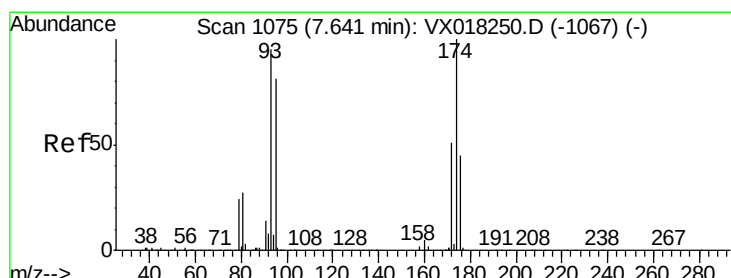
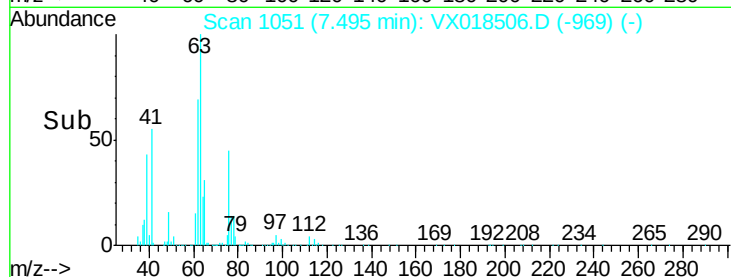
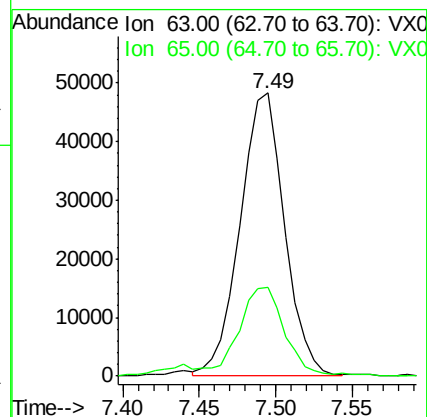
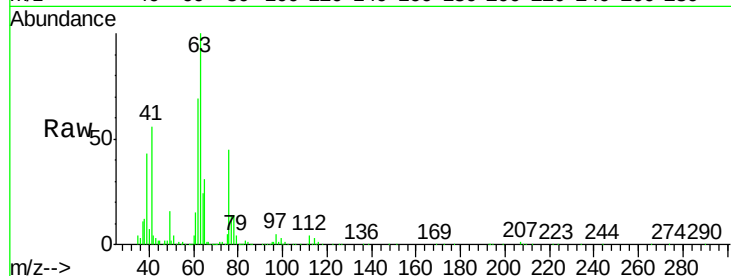
65 30.7 25.7 38.5

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#40

Dibromomethane

Concen: 15.924 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

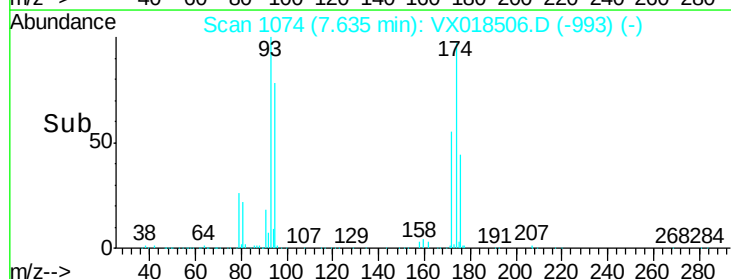
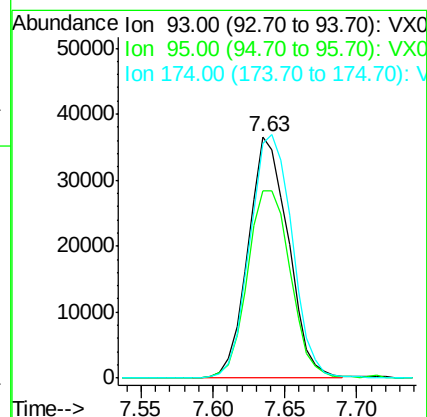
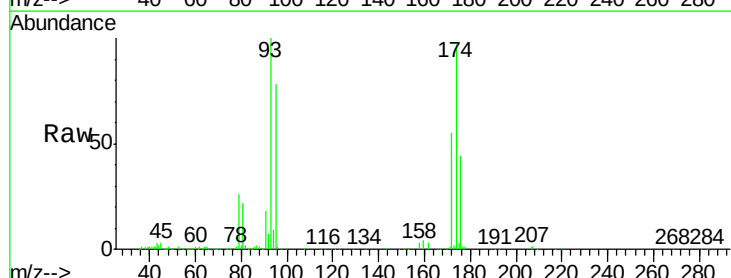
Tgt Ion: 93 Resp: 70342

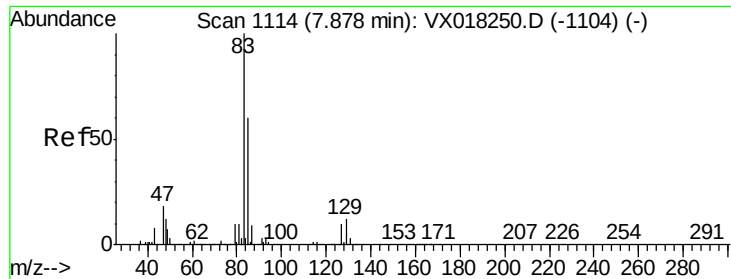
Ion Ratio Lower Upper

93 100

95 83.1 0.0 167.0

174 106.3 0.0 202.0





#41

Bromodichloromethane

Concen: 15.964 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

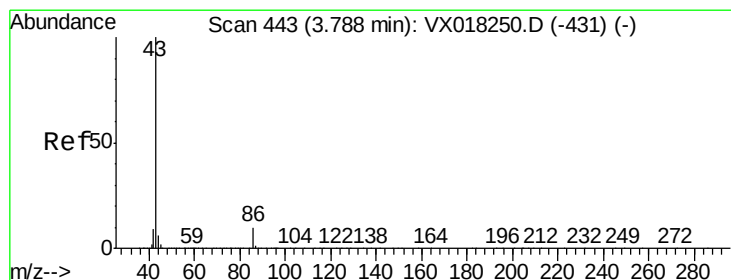
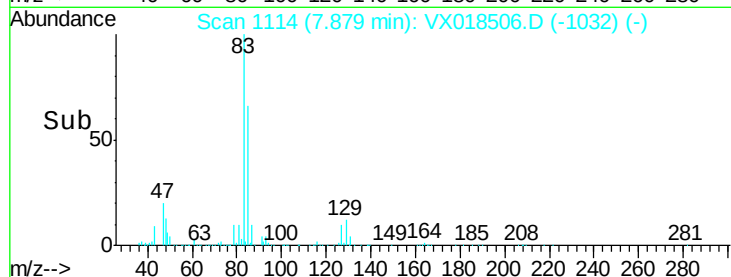
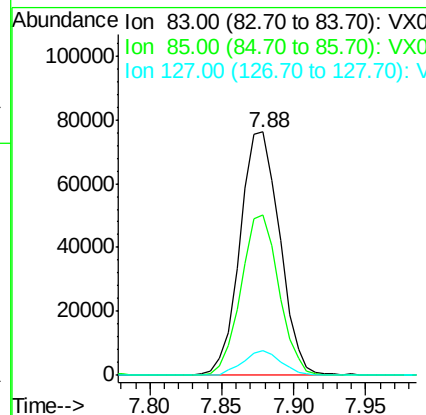
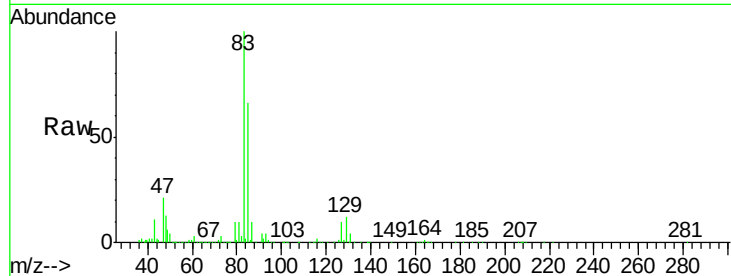
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	146153
Ion Ratio	Lower	Upper	
83	100		
85	65.8	48.2	72.2
127	10.3	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 81.561 ug/l

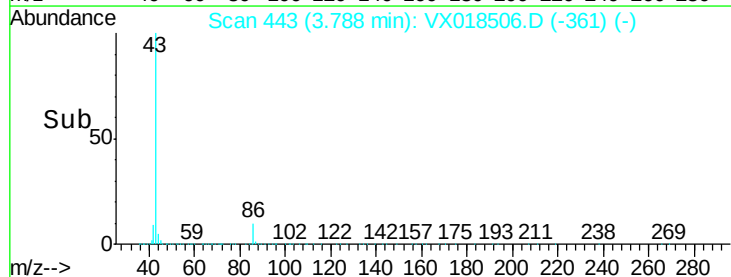
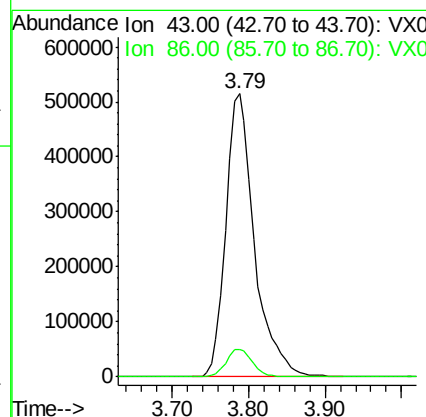
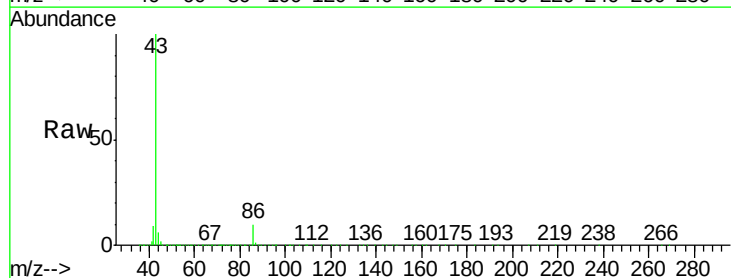
RT: 3.79 min Scan# 443

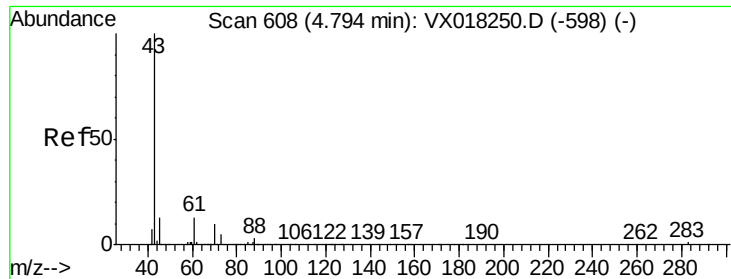
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	43	Resp:	1333081
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.2	10.8





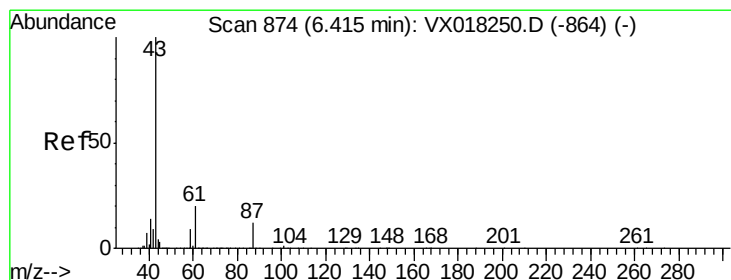
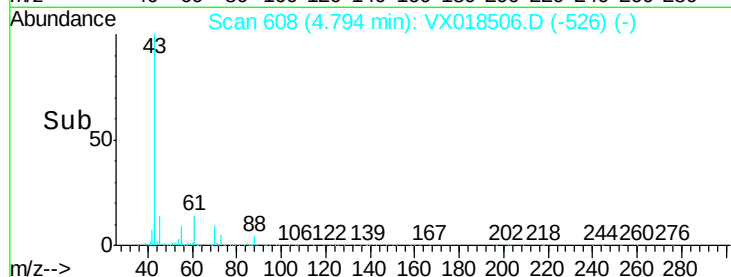
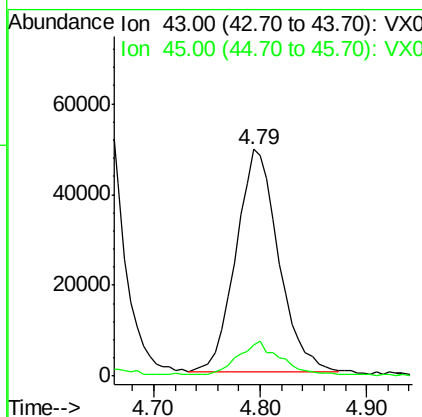
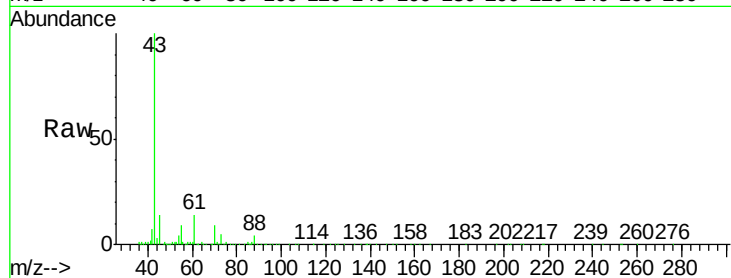
#43
Ethyl Acetate
Concen: 15.766 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.0	11.2	16.8

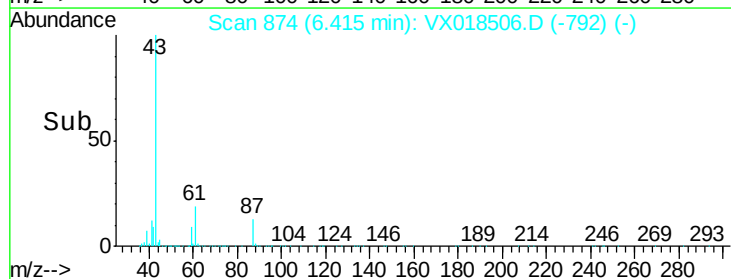
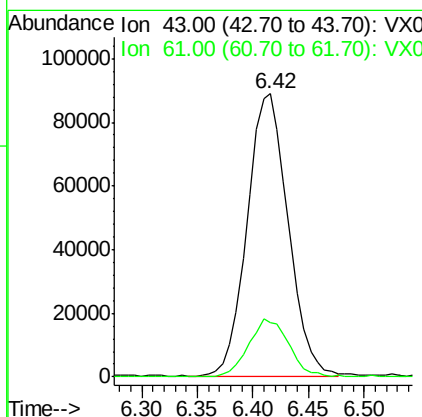
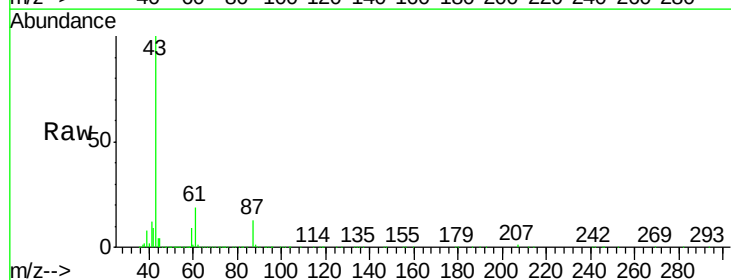
Manual Integrations
APPROVED

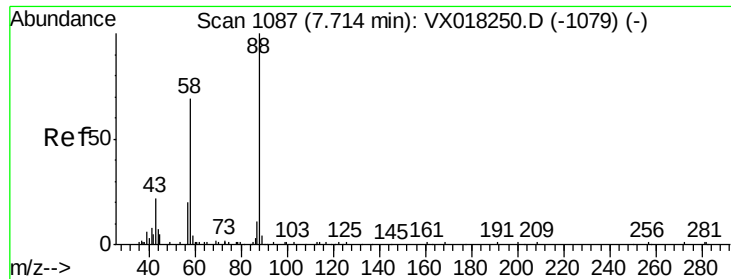
MMDadoda
9/21/2020 11:50:55 AM



#44
Isopropyl Acetate
Concen: 16.276 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.0	14.6	22.0





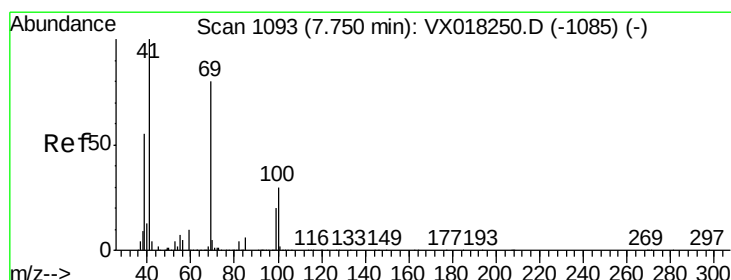
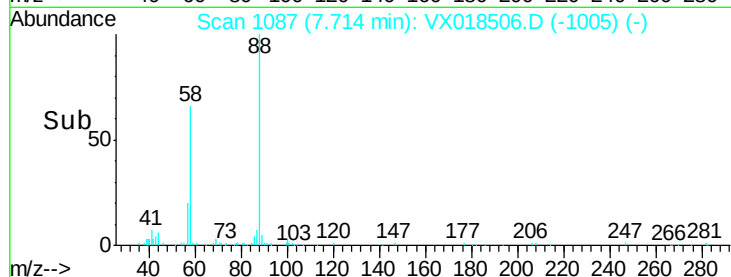
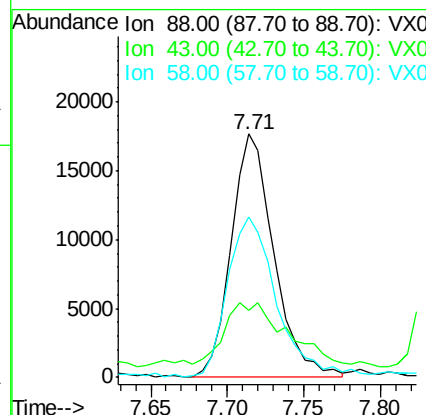
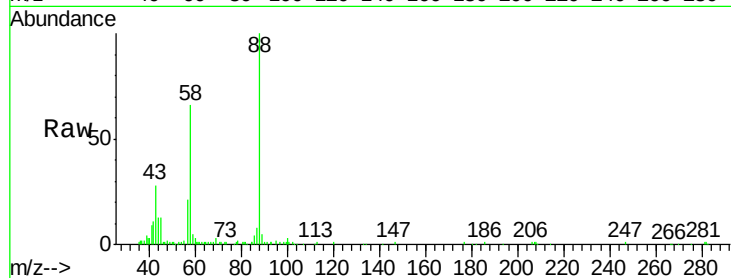
#45
 1,4-Dioxane
 Concen: 292.428 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.0	13.6	20.4#
58	76.3	58.2	87.4

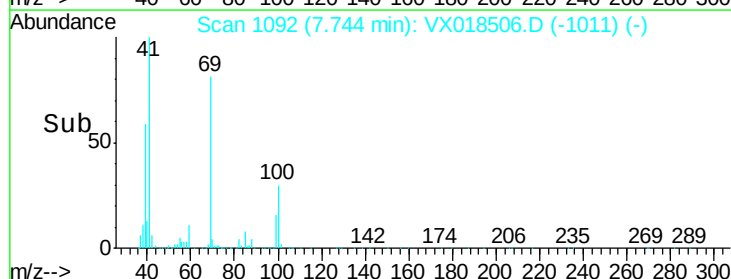
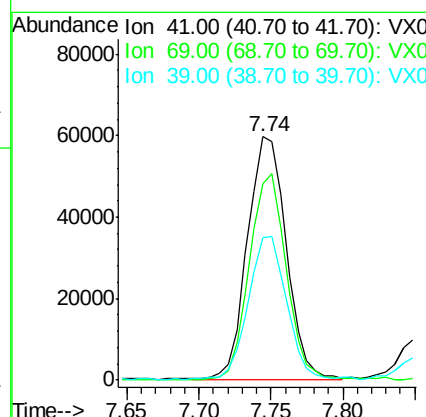
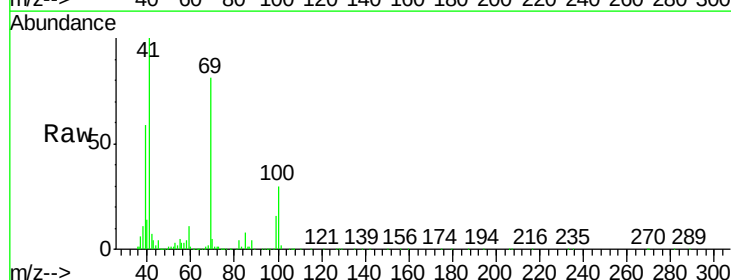
Manual Integrations
 APPROVED

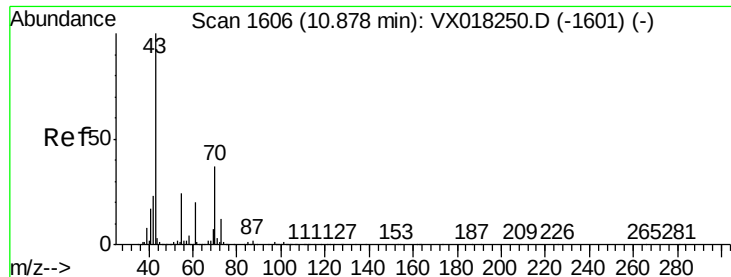
MMDadoda
 9/21/2020 11:50:55 AM



#46
 Methyl methacrylate
 Concen: 16.042 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.2	40.3	120.8
39	58.5	27.3	81.9





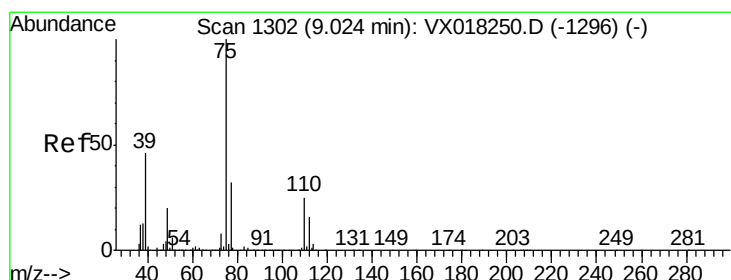
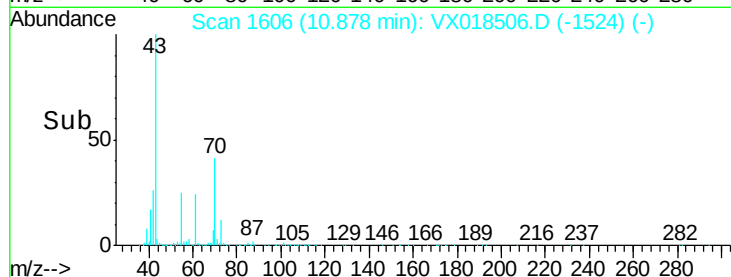
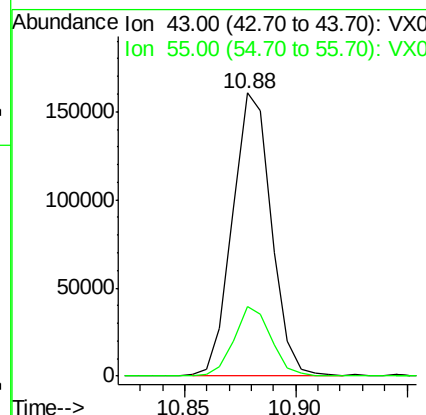
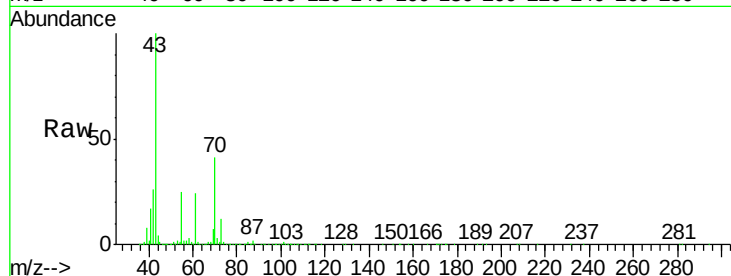
#47
n-amvl Acetate
Concen: 15.751 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	43	55	Ratio	100	23.7	Resp	194304	Lower	18.9	Upper	28.3
Ion	43	55	Ratio	100	23.7	Resp	194304	Lower	18.9	Upper	28.3

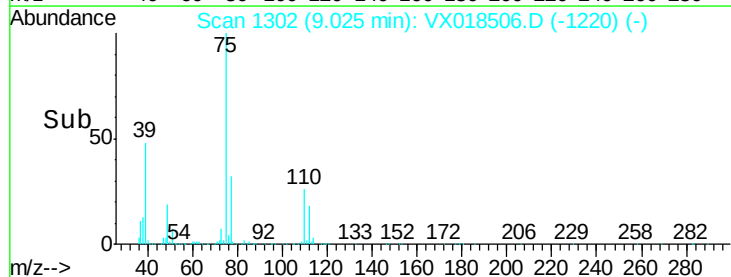
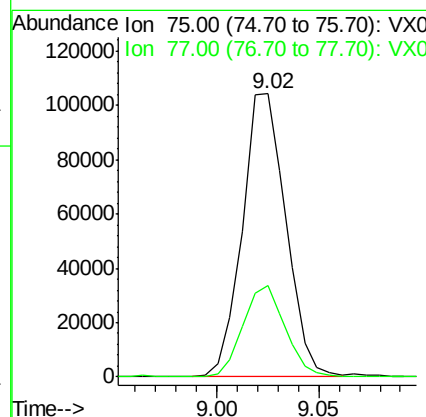
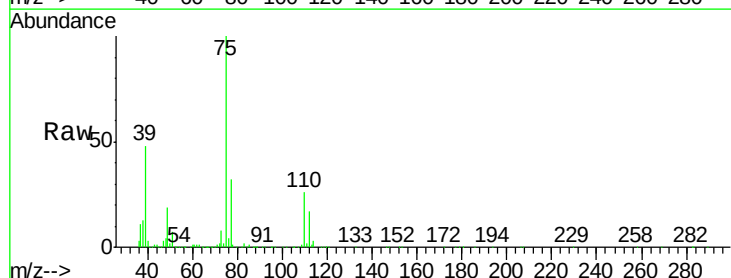
Manual Integrations
APPROVED

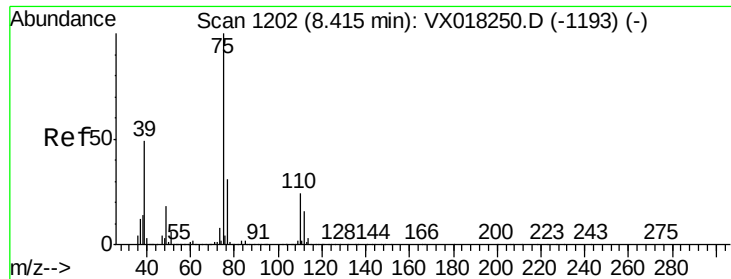
MMDadoda
9/21/2020 11:50:55 AM



#48
t-1,3-Dichloropropene
Concen: 15.763 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	75	77	Ratio	100	32.2	Resp	155020	Lower	25.4	Upper	38.2
Ion	75	77	Ratio	100	32.2	Resp	155020	Lower	25.4	Upper	38.2





#49

cis-1,3-Dichloropropene

Concen: 16.119 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

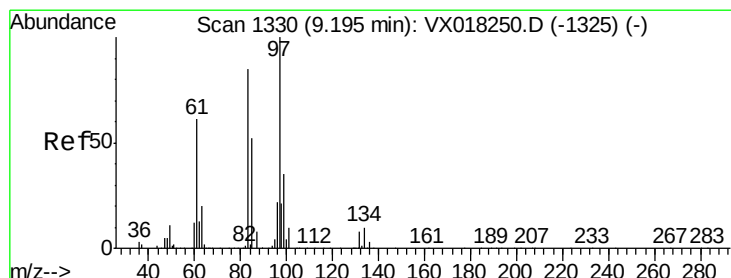
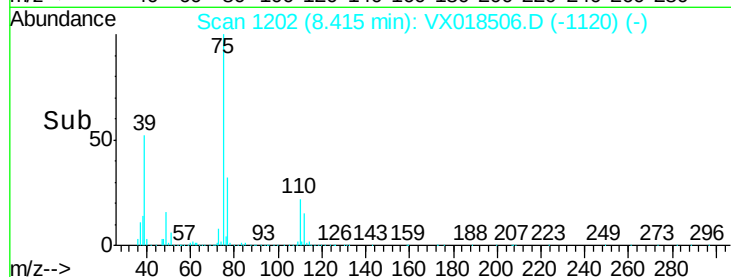
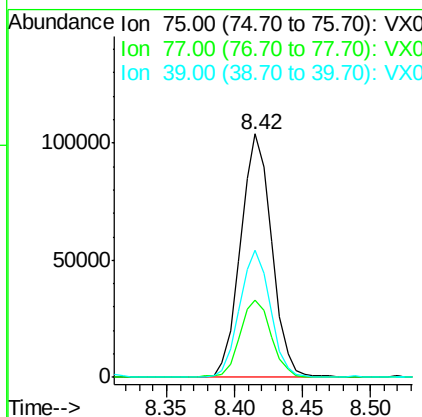
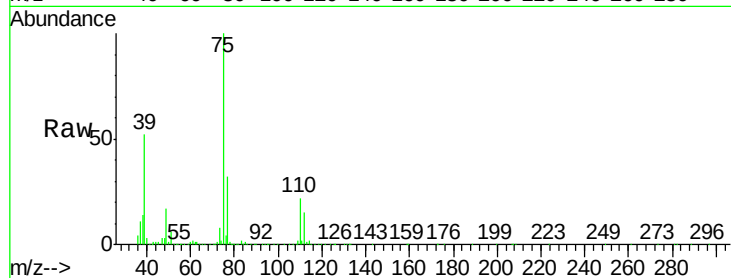
ClientSampled :

VSTDCCC020EC

Tot Ion:	75	Resp:	166529
Ion Ratio	Lower	Upper	
75	100		
77	31.4	24.7	37.1
39	52.1	39.6	59.4

Manual Integrations
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9/21/2020 11:50:55 AM



#50

1,1,2-Trichloroethane

Concen: 15.594 ug/l

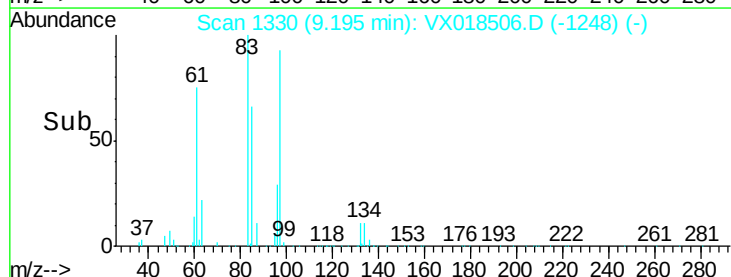
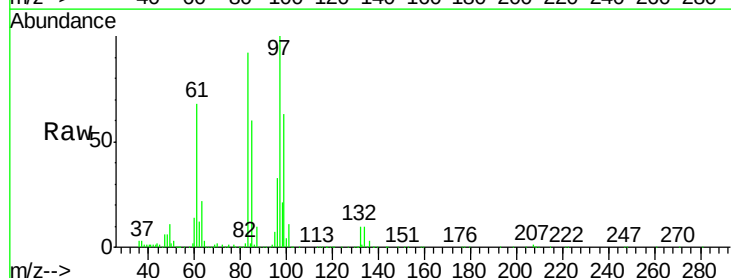
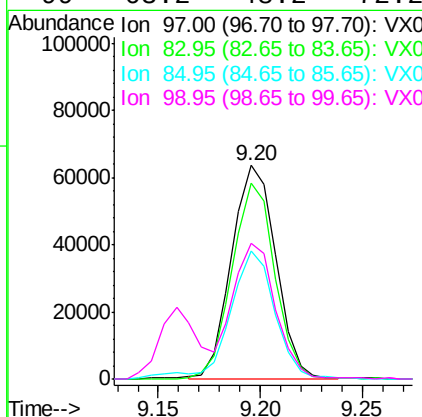
RT: 9.20 min Scan# 1330

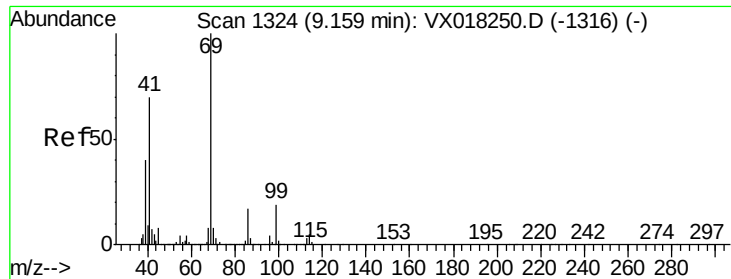
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	97	Resp:	95986
Ion Ratio	Lower	Upper	
97	100		
83	91.6	68.1	102.1
85	59.9	42.6	64.0
99	63.2	48.2	72.2





#51

Ethyl methacrylate

Concen: 16.207 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

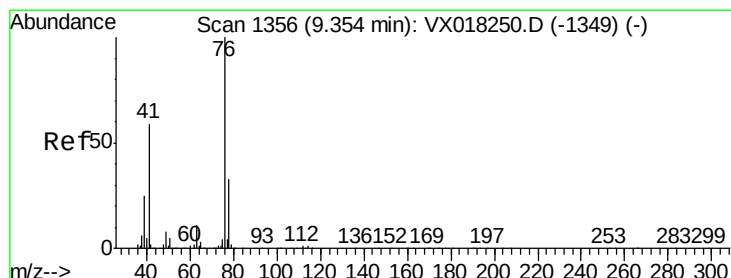
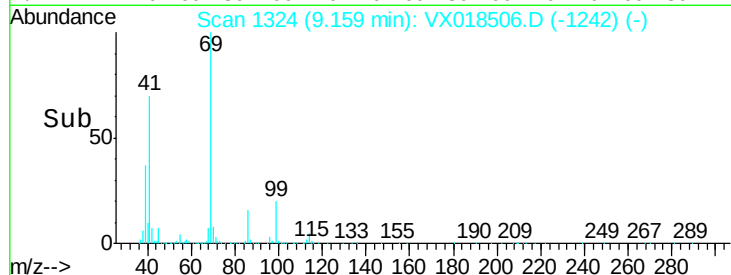
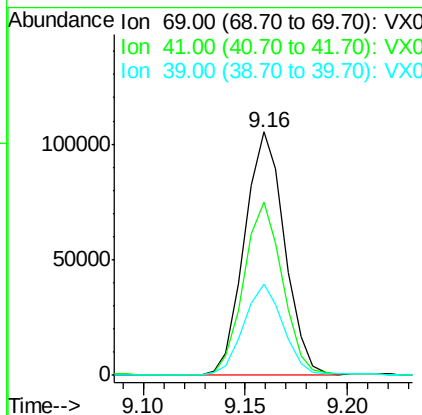
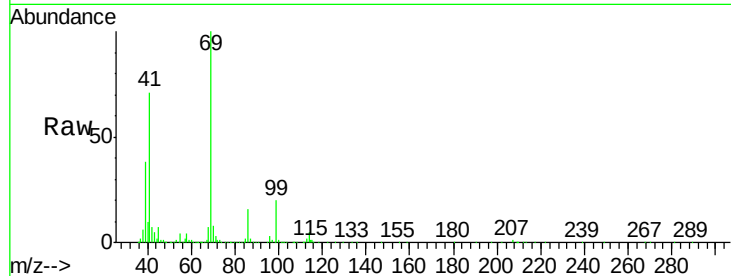
ClientSampled :

VSTDCCC020EC

Tot Ion:	69	Resp:	144508
Ion Ratio	Lower	Upper	
69	100		
41	70.9	34.9	104.7
39	37.2	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 16.179 ug/l

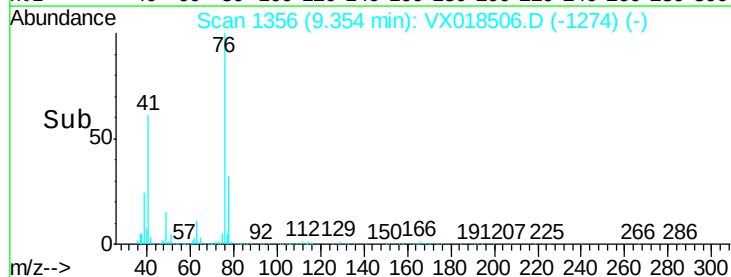
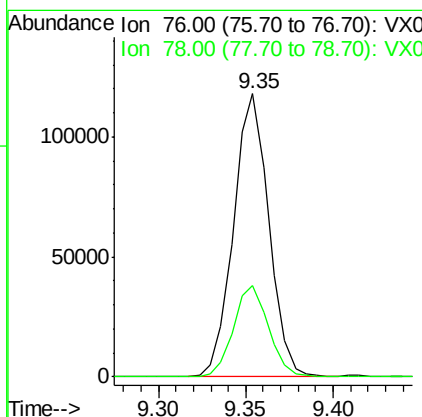
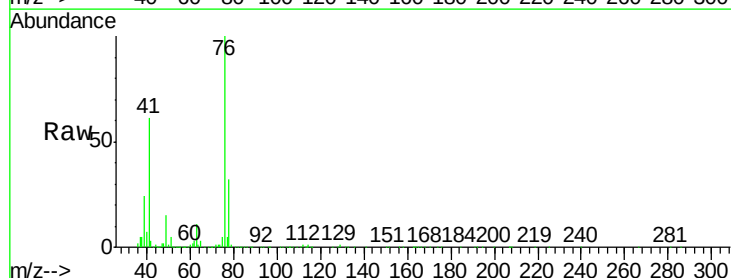
RT: 9.35 min Scan# 1356

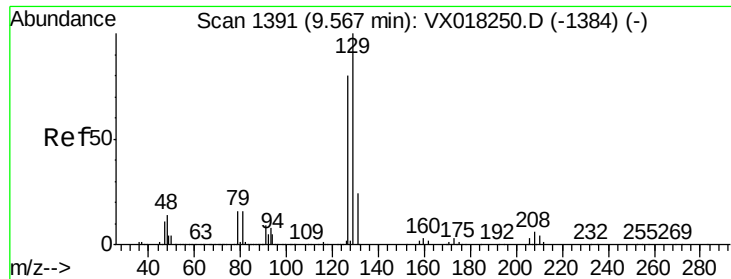
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	76	Resp:	165301
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	62.2





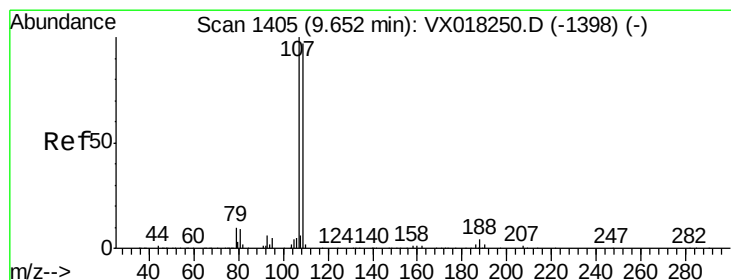
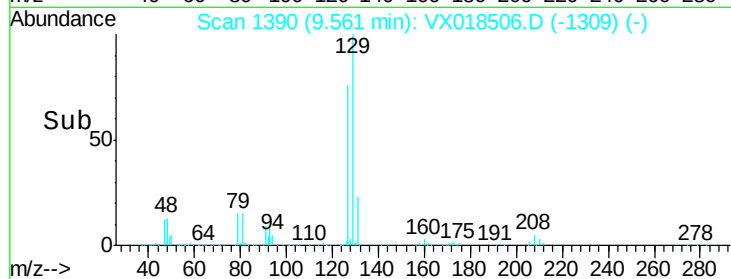
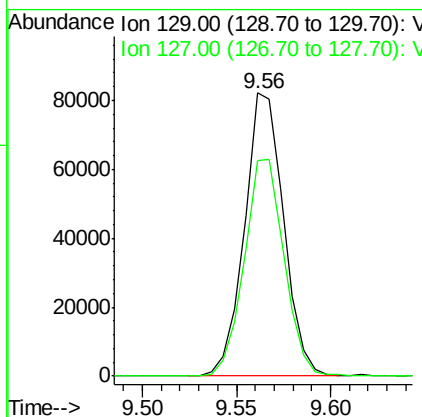
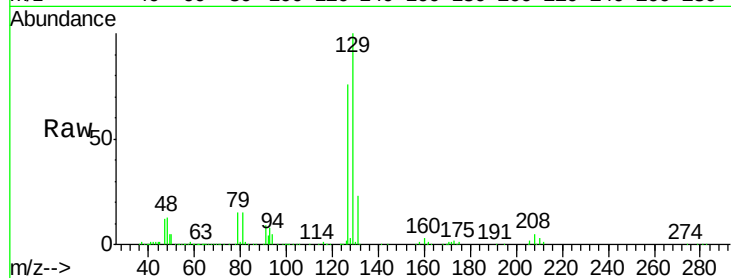
#53
 Dibromochloromethane
 Concen: 15.453 ug/l
 RT: 9.56 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
129	100		
127	78.3	38.9	116.6

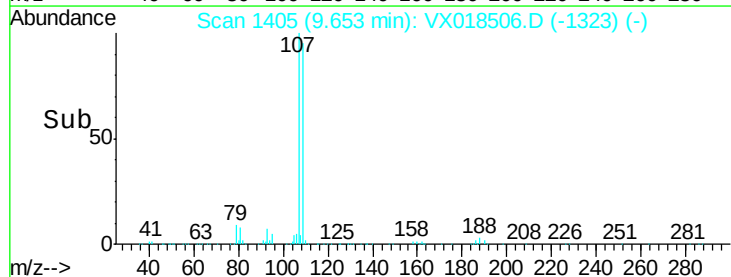
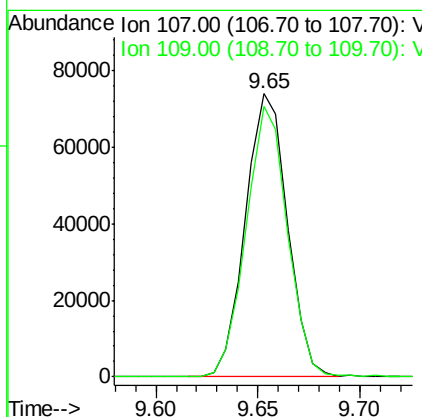
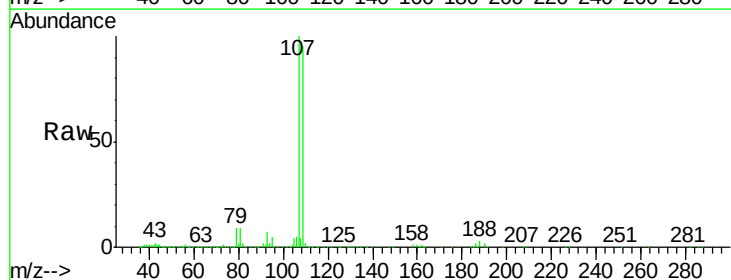
Manual Integrations
 APPROVED

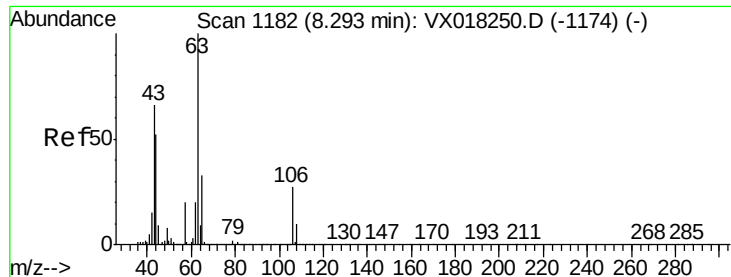
MMDadoda
 9/21/2020 11:50:55 AM



#54
 1,2-Dibromoethane
 Concen: 15.739 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	77.8	116.6





#55

2-Chloroethyl vinyl ether

Concen: 84.456 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 63 Resp: 393250

Ion Ratio Lower Upper

63 100

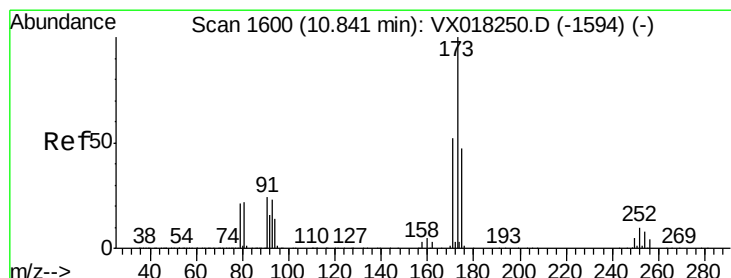
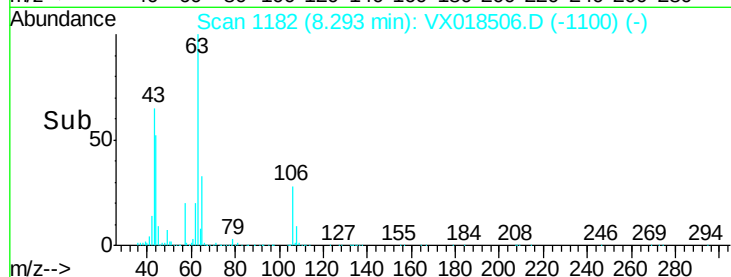
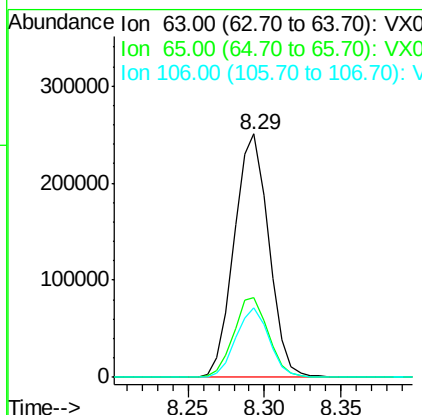
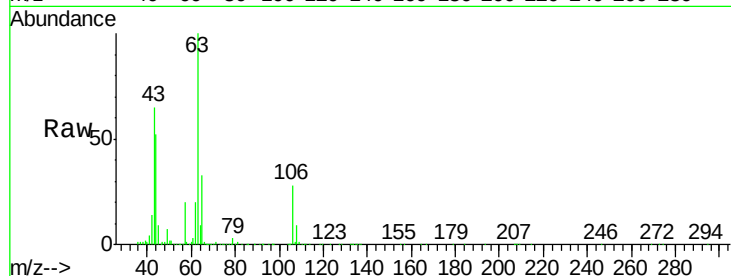
65 33.0 26.0 39.0

106 27.5 22.3 33.5

Manual Integrations
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MMDadoda

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#56

Bromoform

Concen: 15.715 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

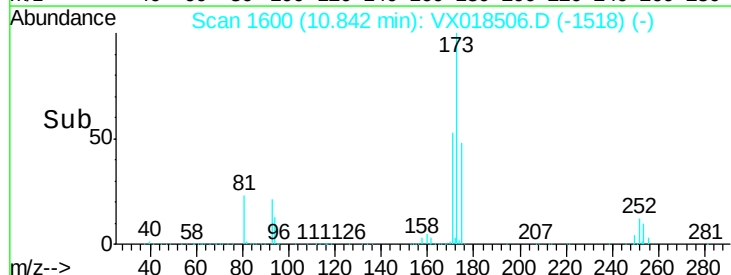
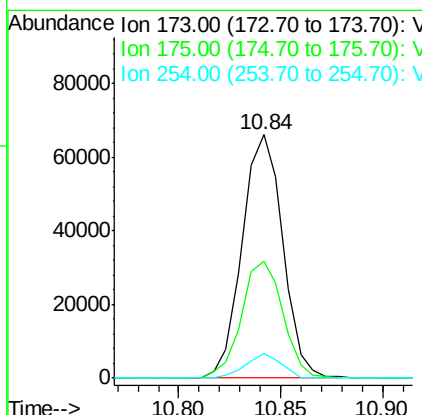
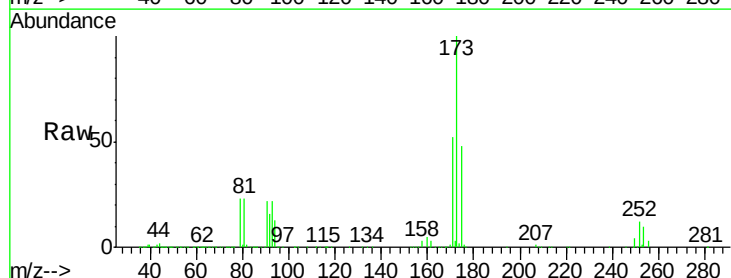
Tgt Ion: 173 Resp: 91385

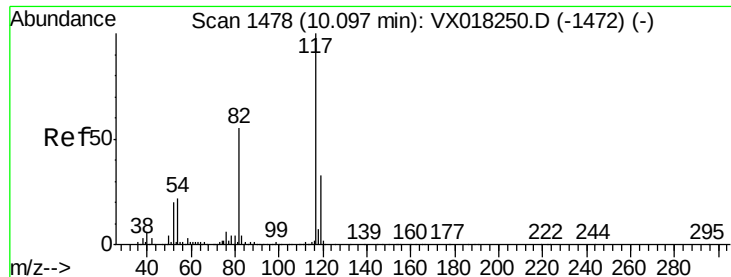
Ion Ratio Lower Upper

173 100

175 48.9 40.2 60.2

254 8.7 7.3 10.9





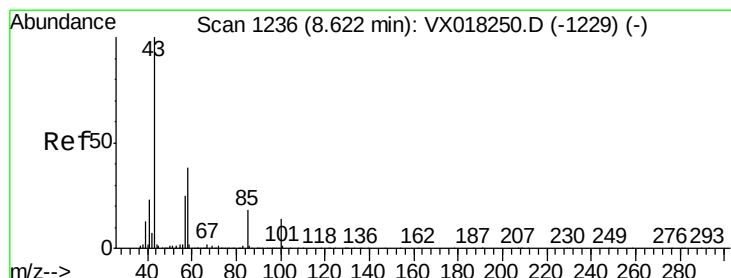
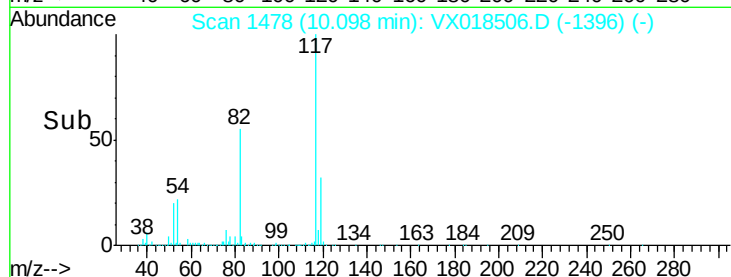
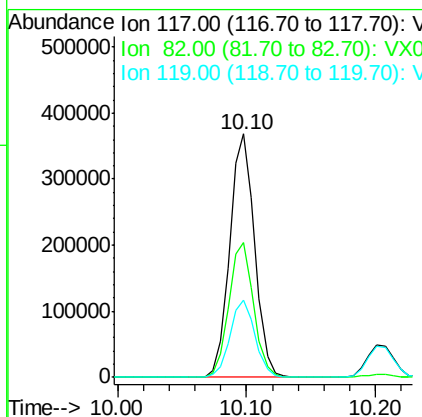
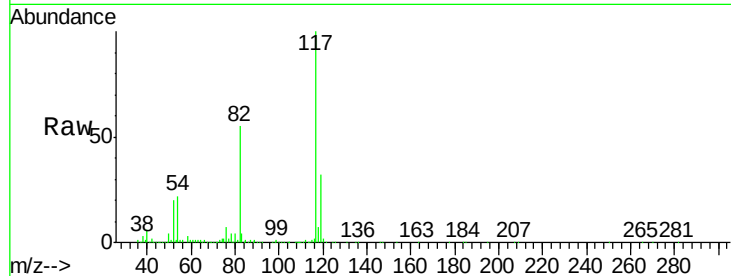
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	44.2	66.4
119	32.1	26.1	39.1

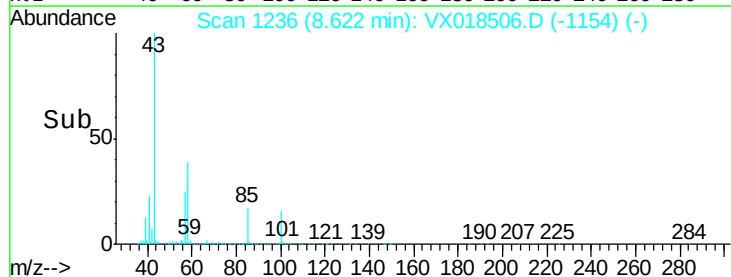
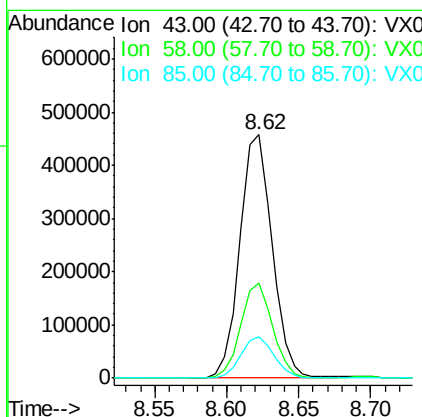
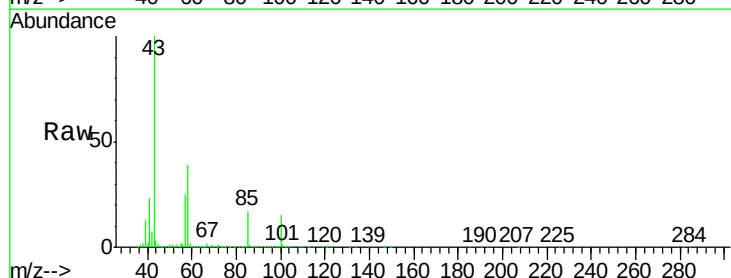
Manual Integrations
APPROVED

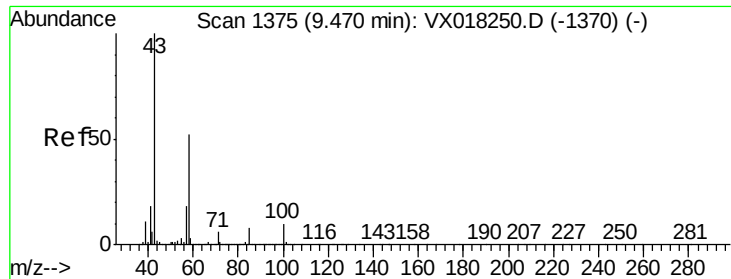
MMDadoda
9/21/2020 11:50:55 AM



#58
4-Methyl-2-Pentanone
Concen: 83.222 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.0	45.0
85	17.4	14.2	21.4





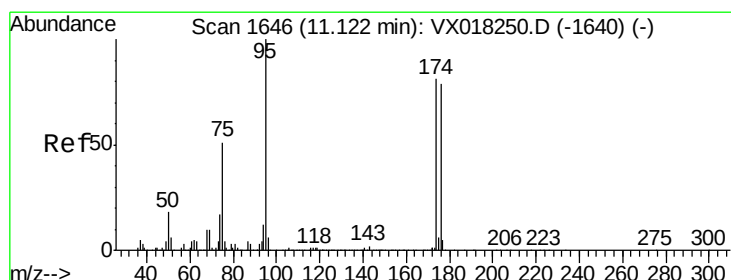
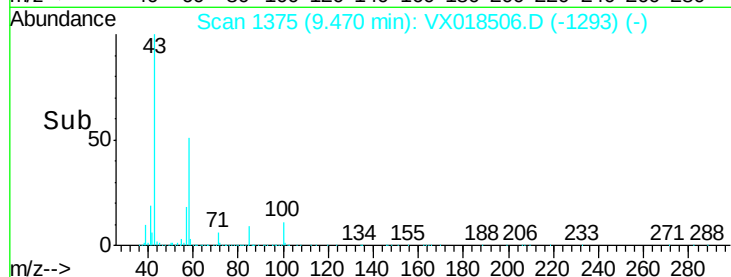
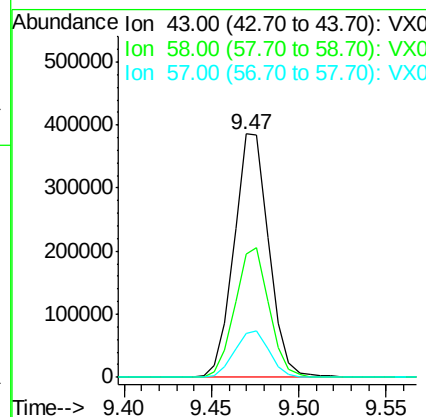
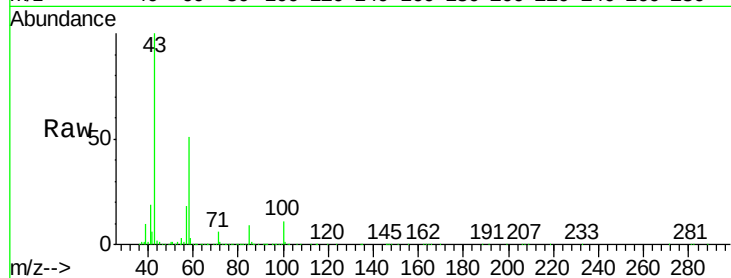
#59
2-Hexanone
Concen: 82.216 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.3	42.5	63.7
57	18.9	14.8	22.2

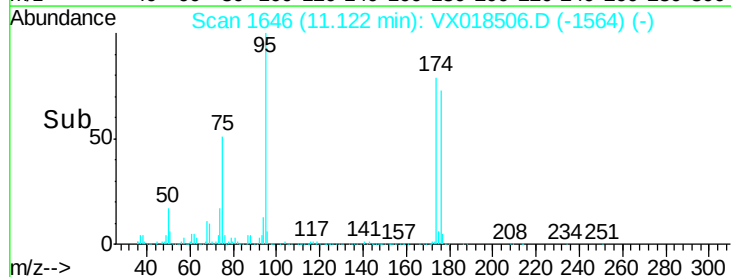
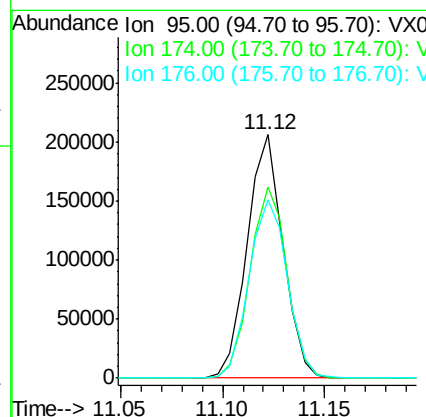
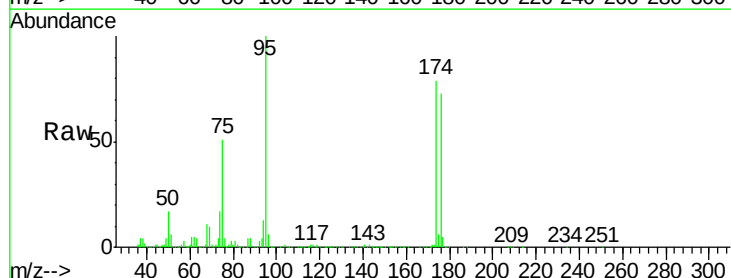
Manual Integrations
APPROVED

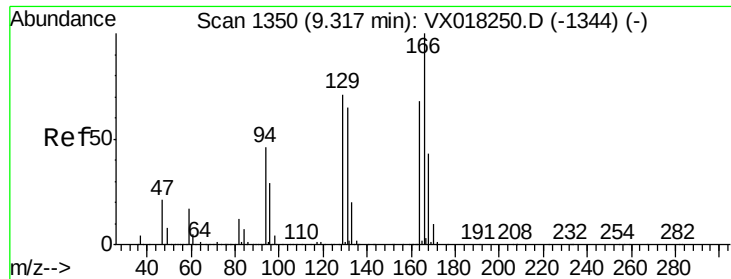
MMDadoda
9/21/2020 11:50:55 AM



#60
4-Bromofluorobenzene
Concen: 29.236 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.8	64.2	96.4
176	78.4	62.2	93.4





#61

Tetrachloroethene

Concen: 15.440 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 95747

Ion Ratio Lower Upper

164 100

166 126.9 117.4 176.0

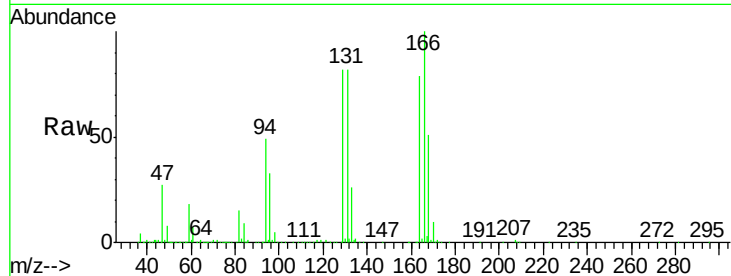
129 104.1 82.7 124.1

131 104.0 76.7 115.1

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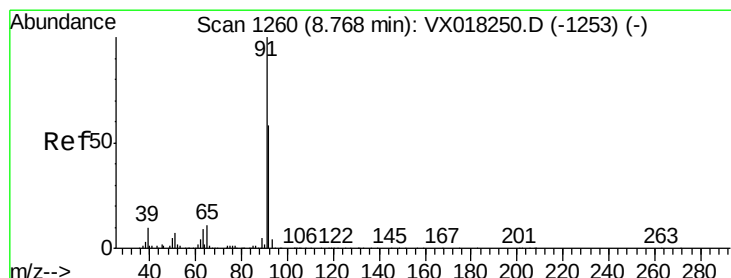
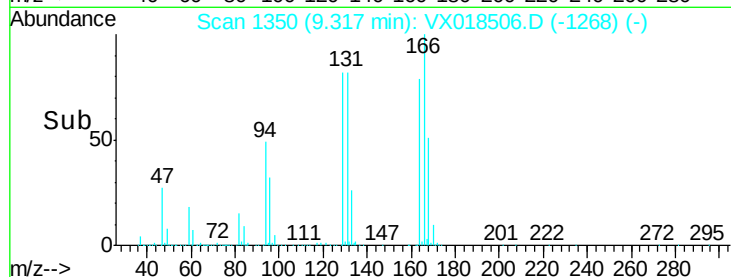
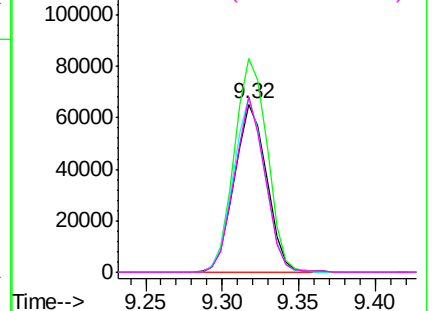


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 16.353 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018506.D

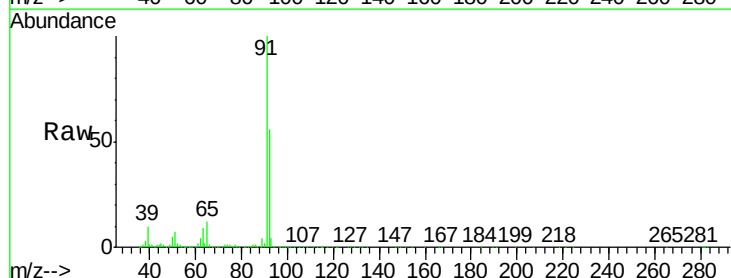
Acq: 18 Sep 2020 20:27

Tgt Ion: 91 Resp: 409207

Ion Ratio Lower Upper

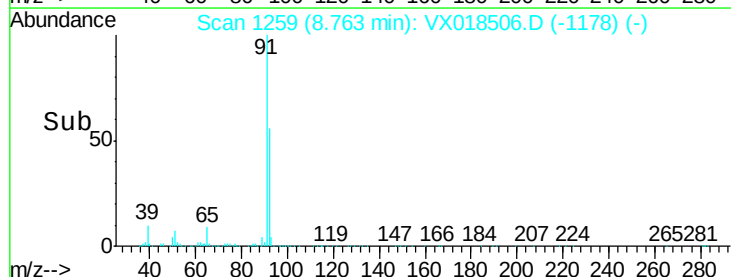
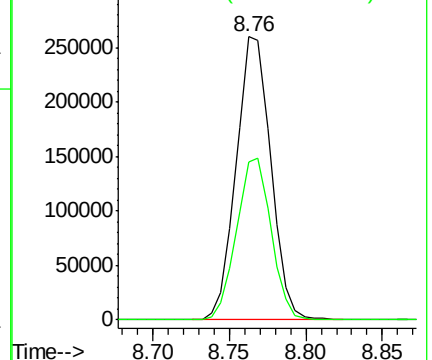
91 100

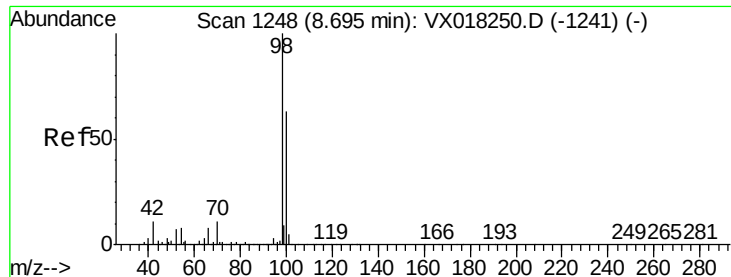
92 57.0 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.368 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 643598

Ion Ratio Lower Upper

98 100

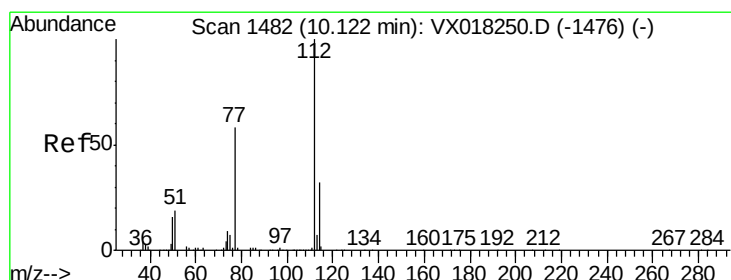
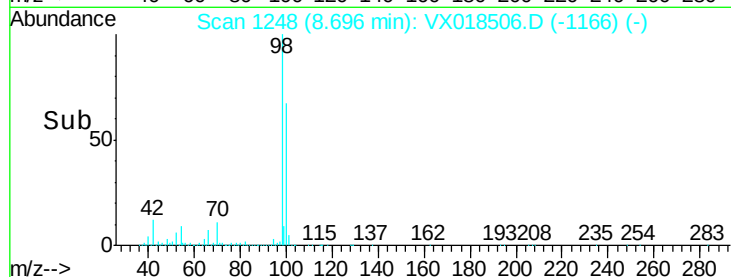
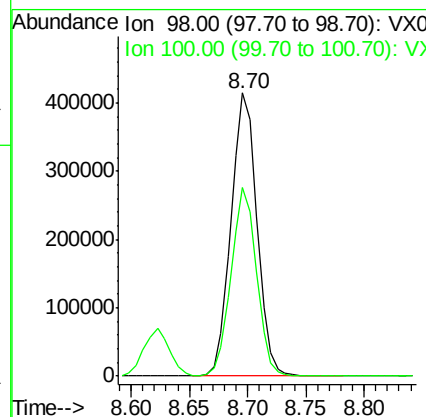
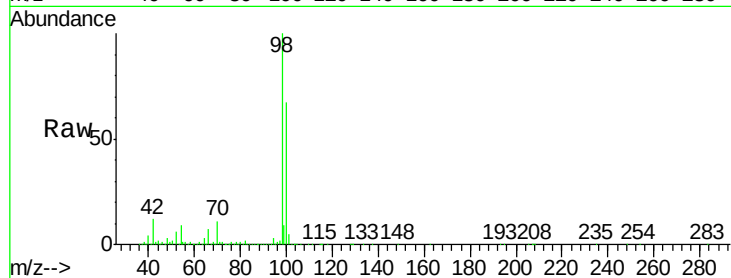
100 65.4 51.4 77.0

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#64

Chlorobenzene

Concen: 16.555 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018506.D

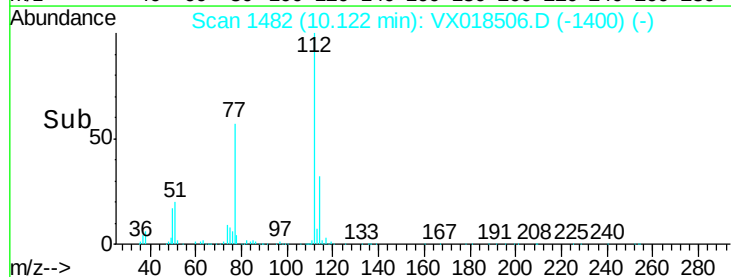
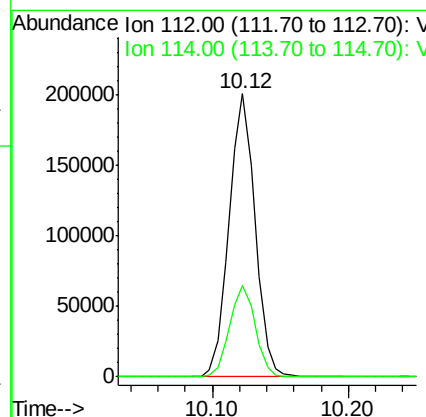
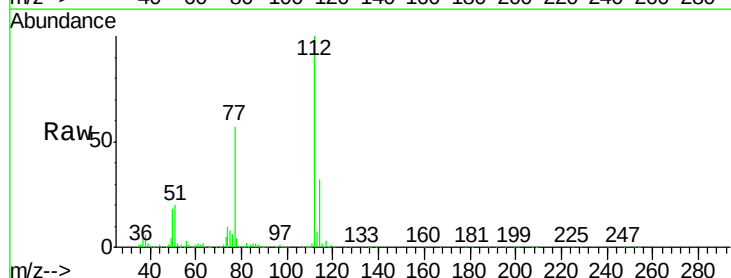
Acq: 18 Sep 2020 20:27

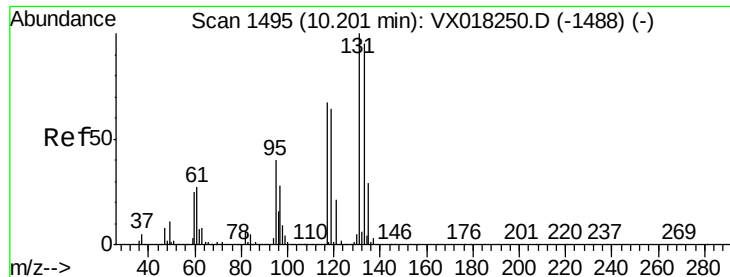
Tgt Ion: 112 Resp: 266207

Ion Ratio Lower Upper

112 100

114 32.1 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 15.787 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

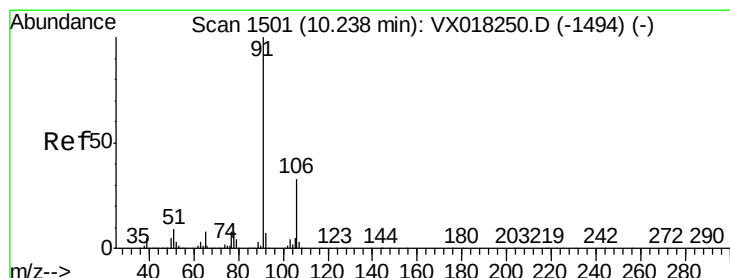
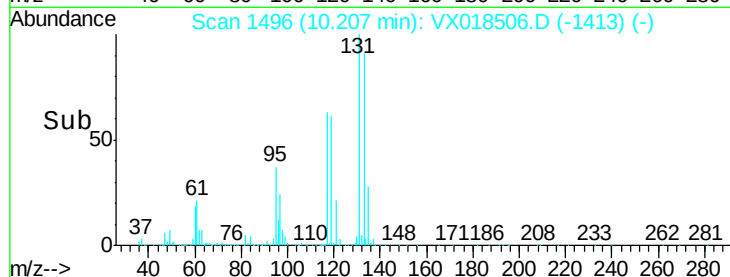
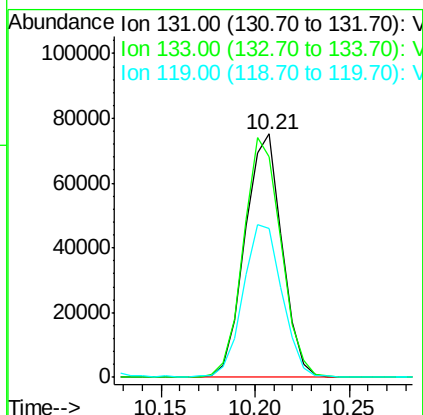
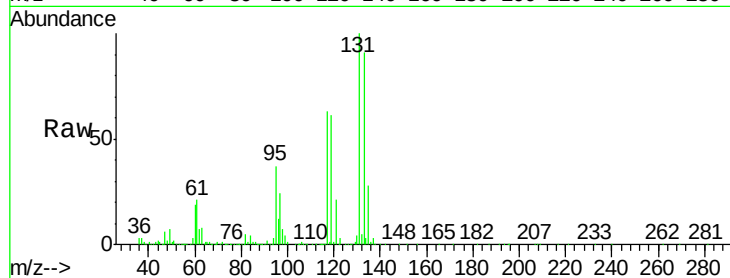
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	102809
Ion Ratio	Lower	Upper	
131	100		
133	99.5	0.0	197.2
119	65.7	0.0	129.8

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#66

Ethyl Benzene

Concen: 16.146 ug/l

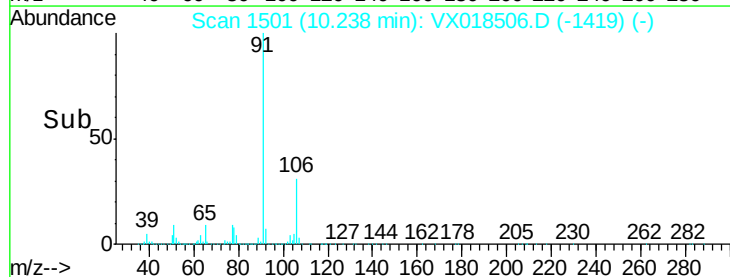
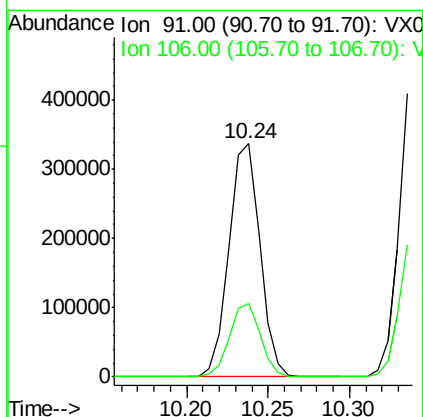
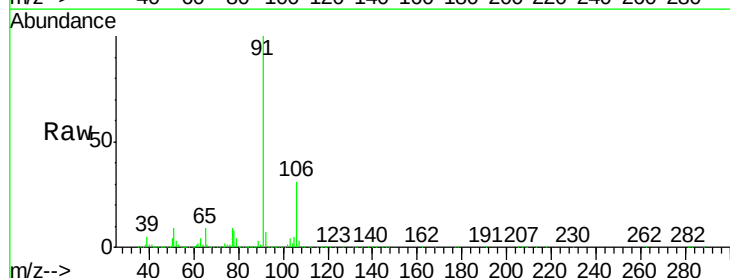
RT: 10.24 min Scan# 1501

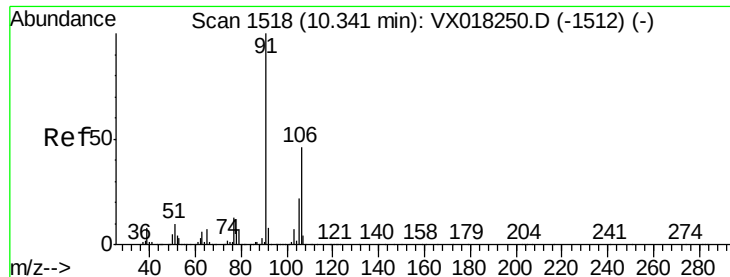
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	91	Resp:	446419
Ion Ratio	Lower	Upper	
91	100		
106	31.4	26.3	39.5





#67

m/p-Xylenes

Concen: 32.579 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 344488

Ion Ratio Lower Upper

106 100

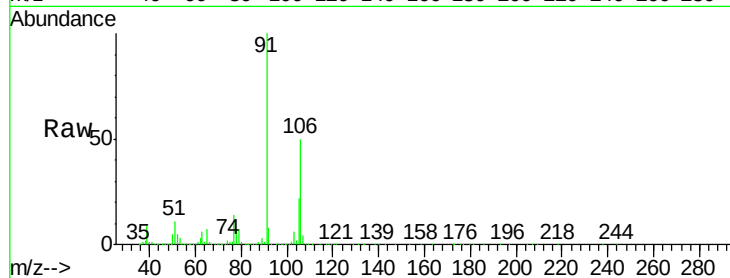
91 203.9 166.2 249.2

Manual Integrations

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

600000

500000

400000

300000

200000

100000

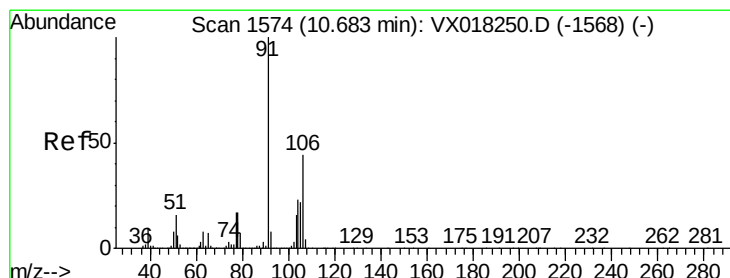
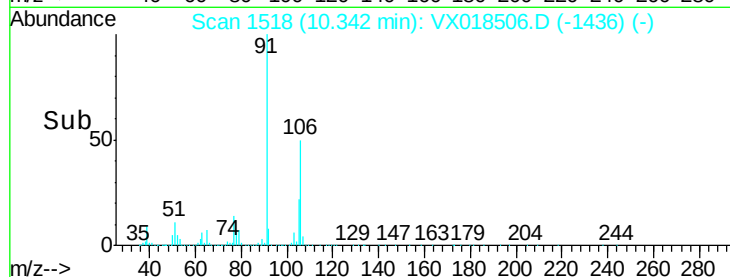
0

10.34

10.30

10.40

Time-->



#68

o-Xylene

Concen: 16.252 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018506.D

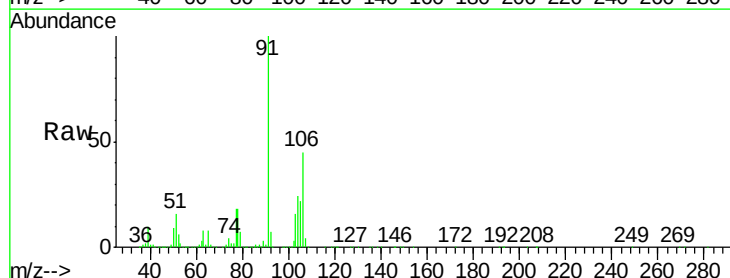
Acq: 18 Sep 2020 20:27

Tgt Ion:106 Resp: 162378

Ion Ratio Lower Upper

106 100

91 217.2 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

150000

100000

50000

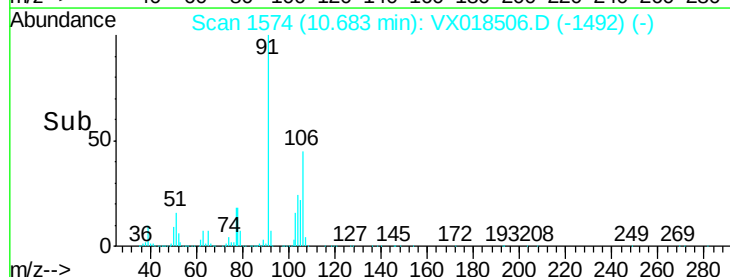
0

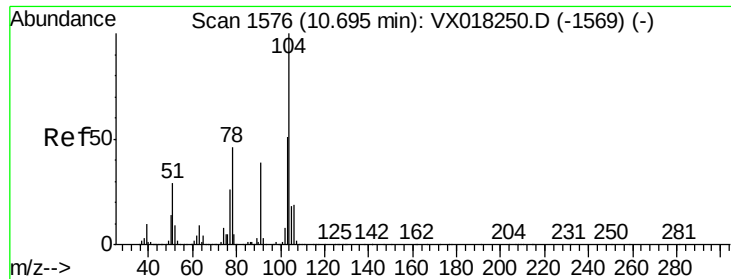
10.68

10.65

10.70

Time-->





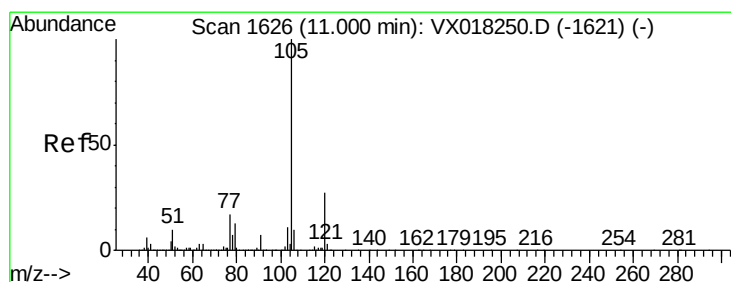
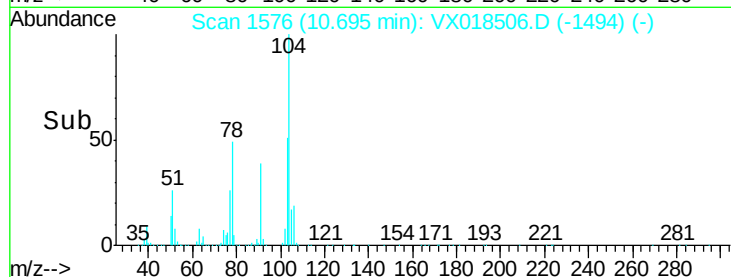
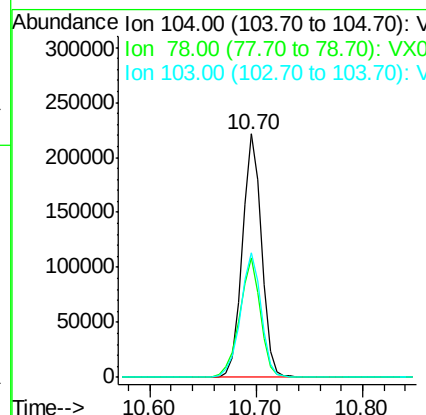
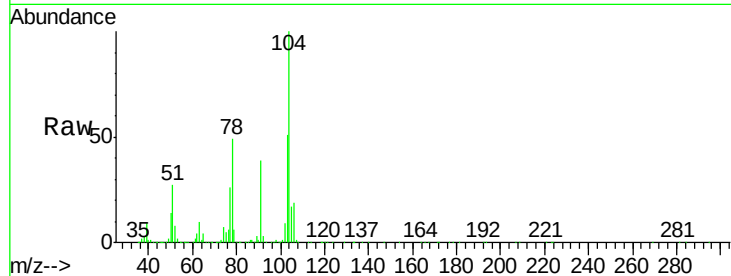
#69
Stvrene
Concen: 16.164 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.0	41.7	62.5
103	54.8	44.2	66.2

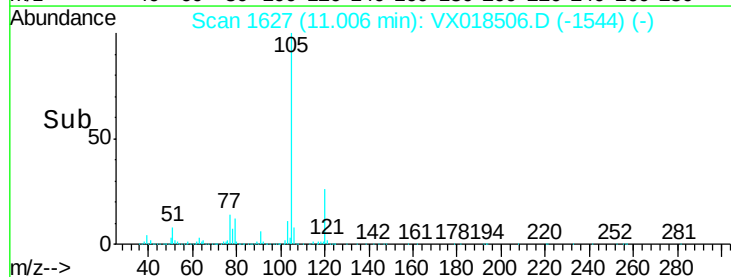
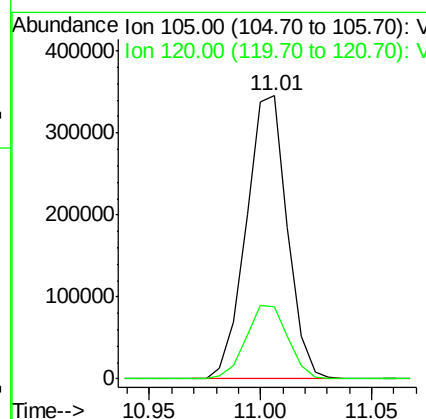
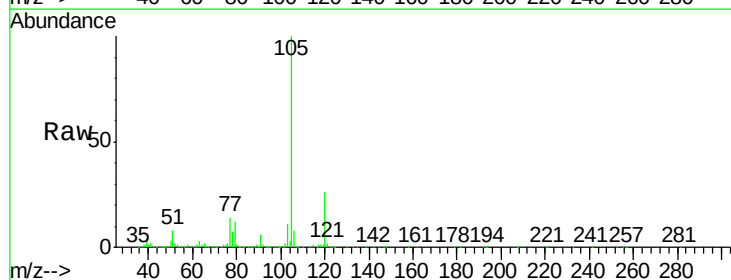
Manual Integrations
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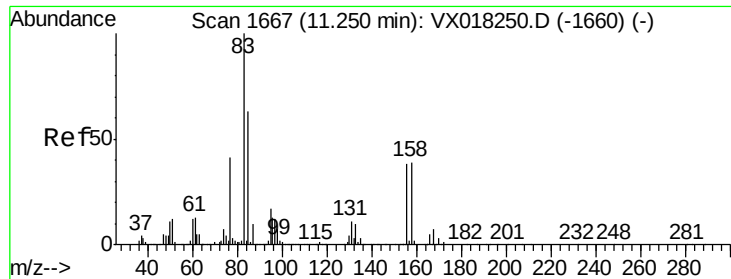
MMDadoda
9/21/2020 11:50:55 AM



#70
Isopropylbenzene
Concen: 15.934 ug/l
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.7	18.7	34.7





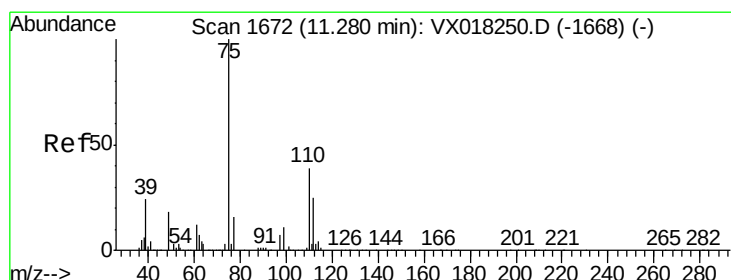
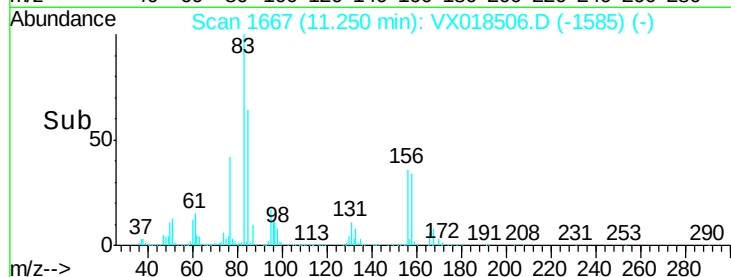
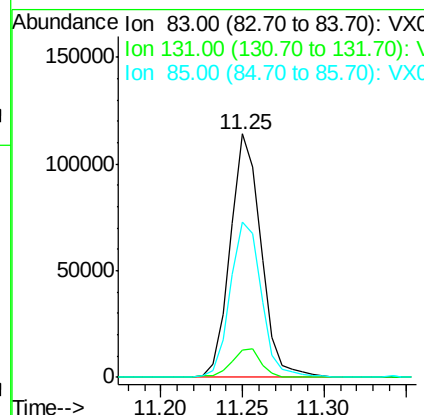
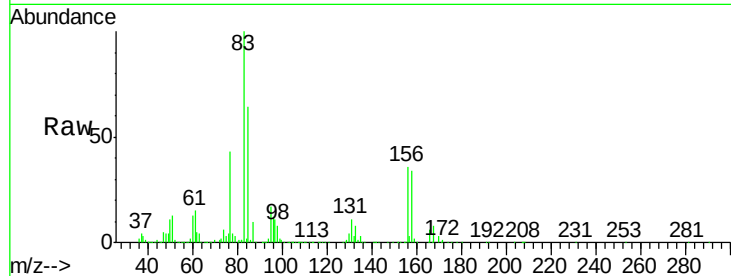
#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.519 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.7	5.8	17.3
85	64.9	31.3	93.9

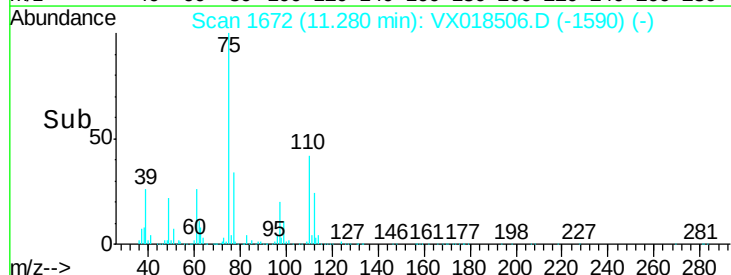
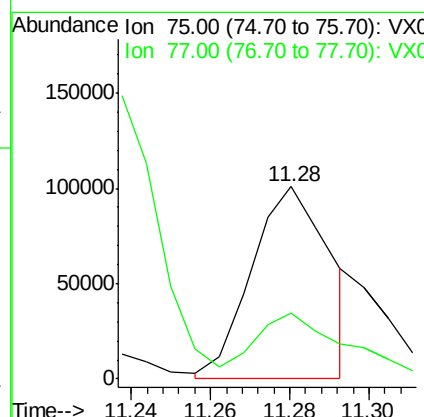
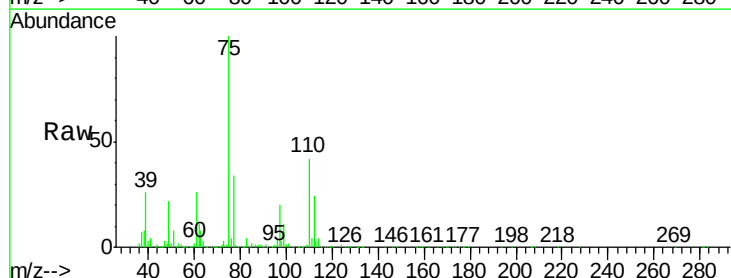
Manual Integrations
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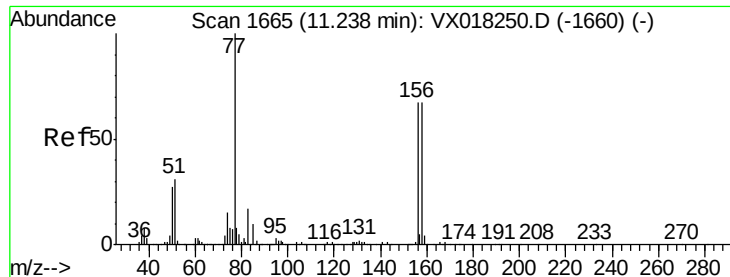
MMDadoda
 9/21/2020 11:50:55 AM



#72
 1,2,3-Trichloropropane
 Concen: 15.948 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.7	0.0	74.8





#73

Bromobenzene

Concen: 16.478 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

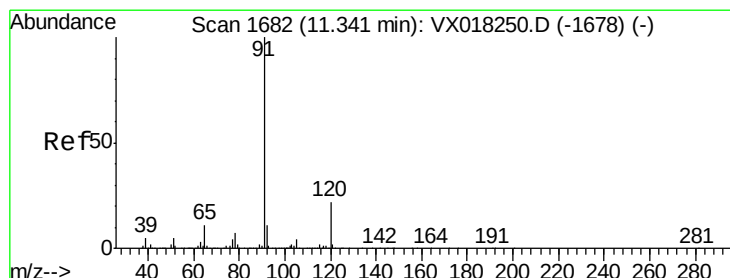
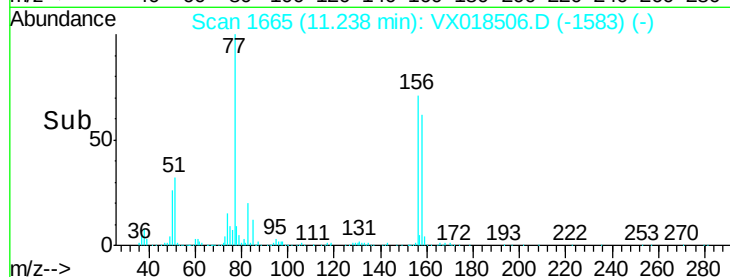
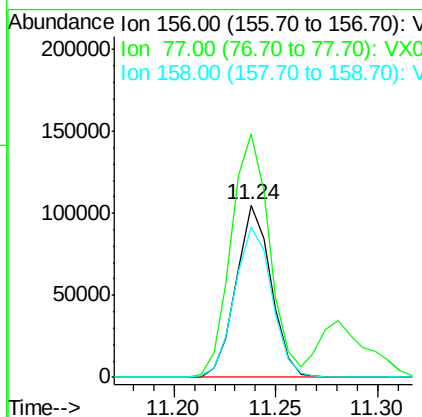
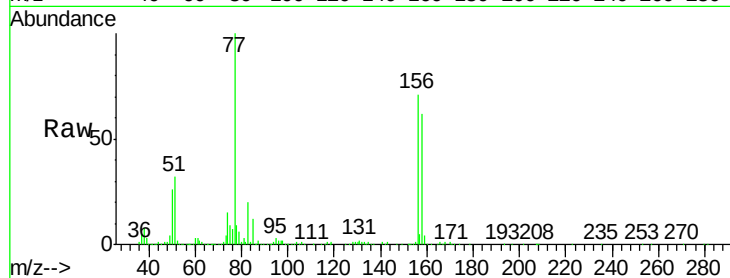
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	125428
Ion Ratio	Lower	Upper	
156	100		
77	153.9	0.0	311.0
158	92.8	0.0	194.4

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9/21/2020 11:50:55 AM



#74

n-propylbenzene

Concen: 15.886 ug/l

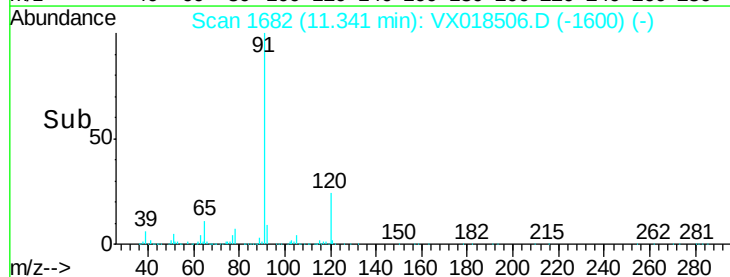
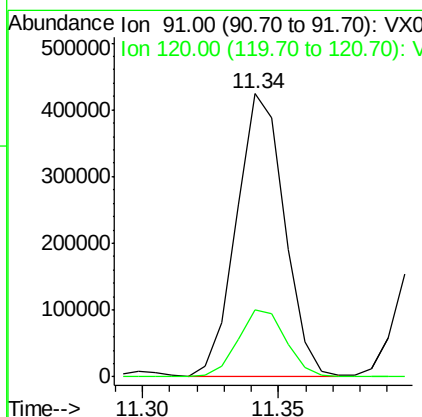
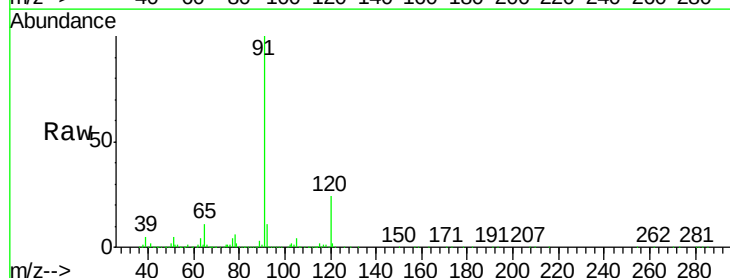
RT: 11.34 min Scan# 1682

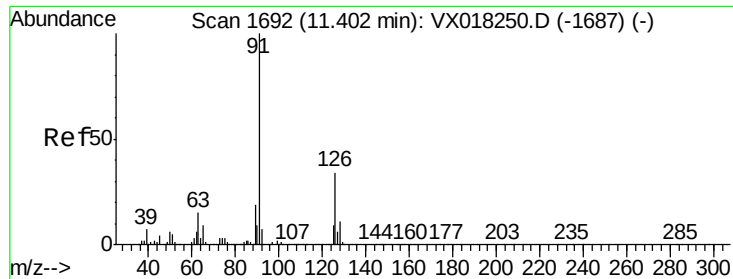
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	91	Resp:	519721
Ion Ratio	Lower	Upper	
91	100		
120	23.8	0.0	45.4





#75

2-Chlorotoluene

Concen: 15.537 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 308077

Ion Ratio Lower Upper

91 100

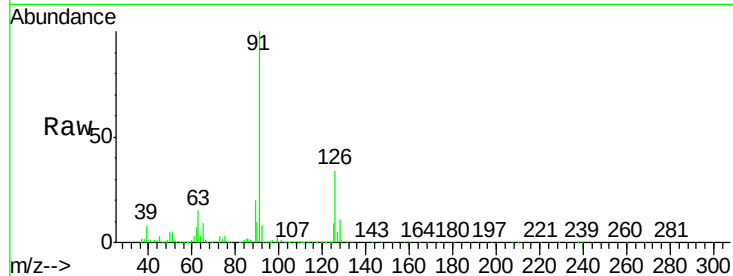
126 34.8 0.0 68.4

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Abundance Ion 91.00 (90.70 to 91.70): VX018250.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX018250.D (-1687) (-)

500000

400000

300000

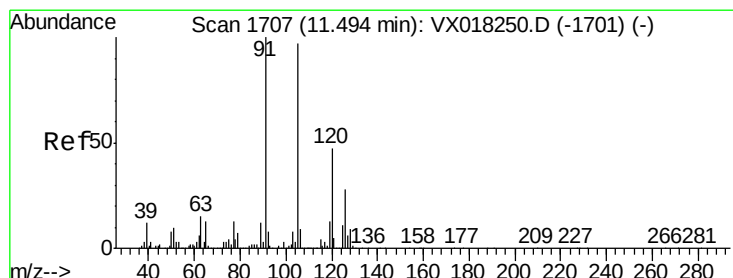
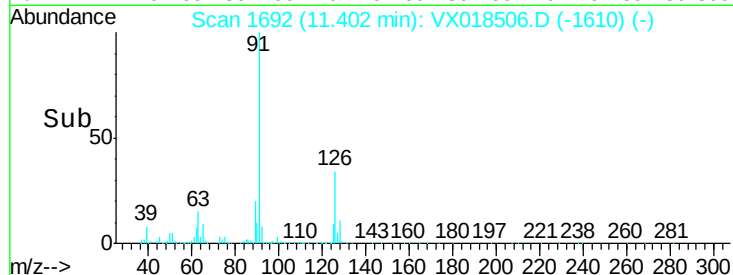
200000

100000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 15.799 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018506.D

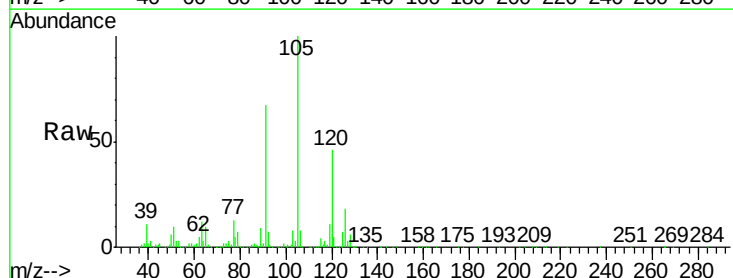
Acq: 18 Sep 2020 20:27

Tgt Ion: 105 Resp: 382409

Ion Ratio Lower Upper

105 100

120 48.0 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VX018250.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX018250.D (-1701) (-)

300000

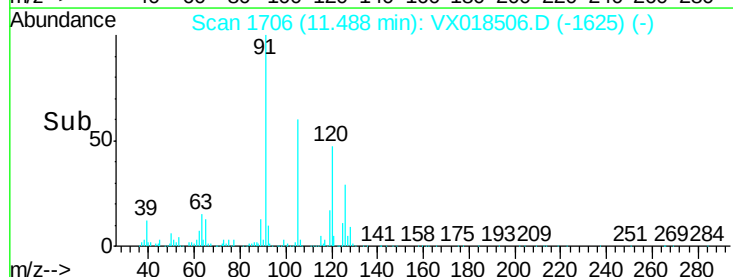
200000

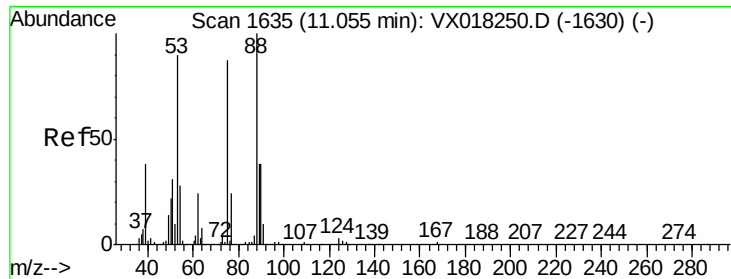
100000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 13.958 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

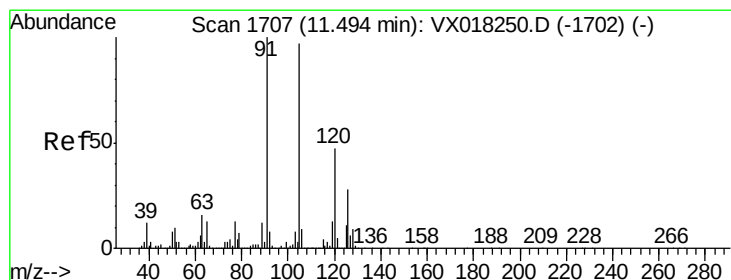
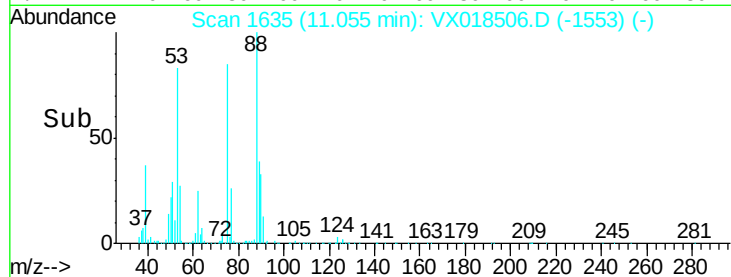
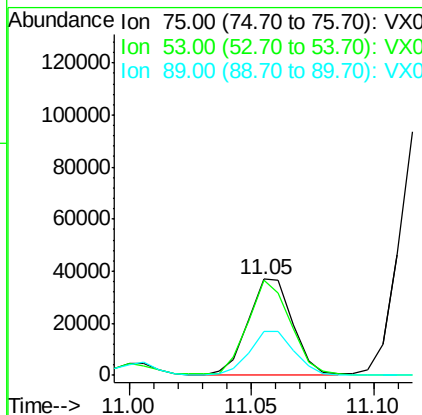
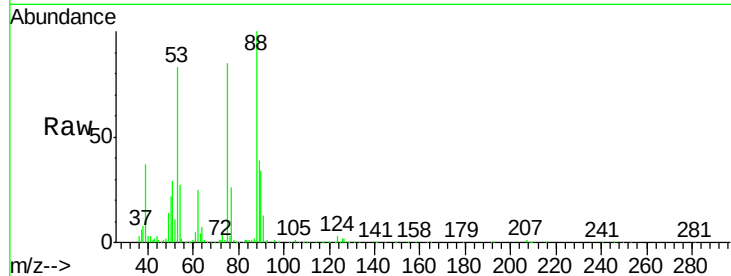
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	47319
Ion	Ratio	Lower	Upper
75	100		
53	97.3	52.1	156.4
89	45.7	22.1	66.3

Manual Integrations
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MMDadoda
9/21/2020 11:50:55 AM



#78

4-Chlorotoluene

Concen: 15.853 ug/l

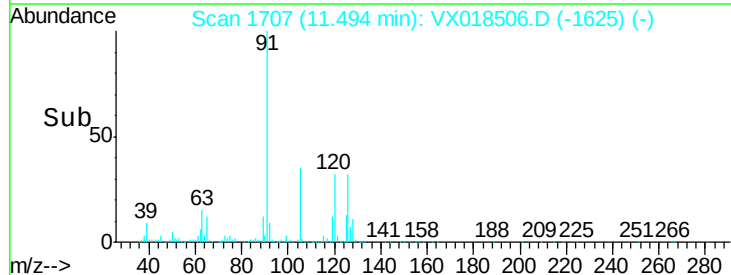
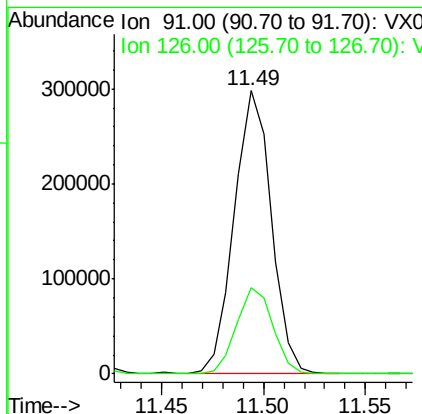
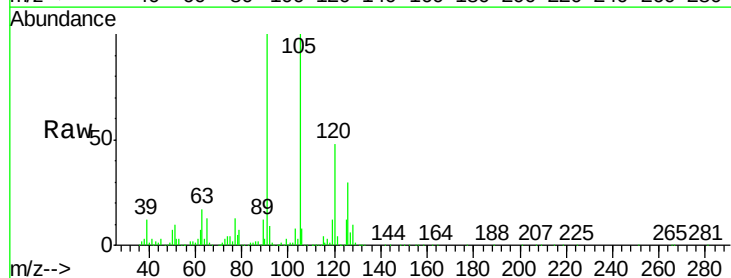
RT: 11.49 min Scan# 1707

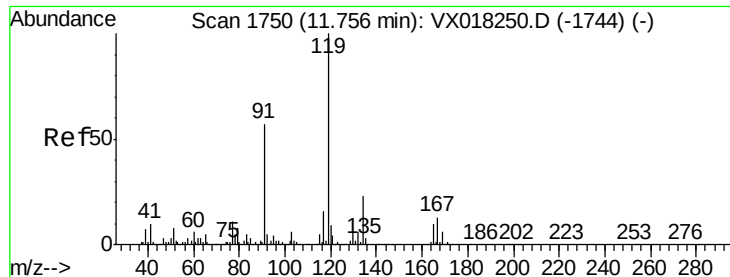
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	91	Resp:	374994
Ion	Ratio	Lower	Upper
91	100		
126	30.1	0.0	59.2





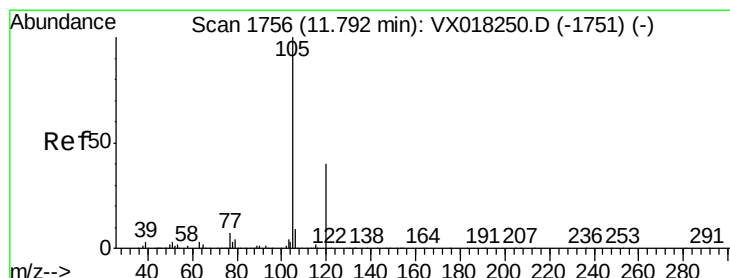
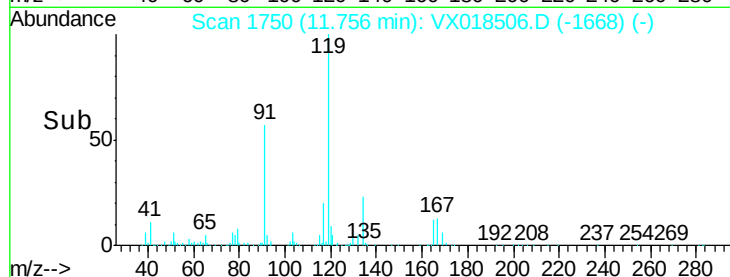
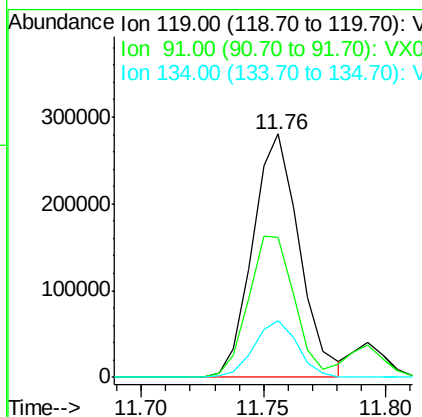
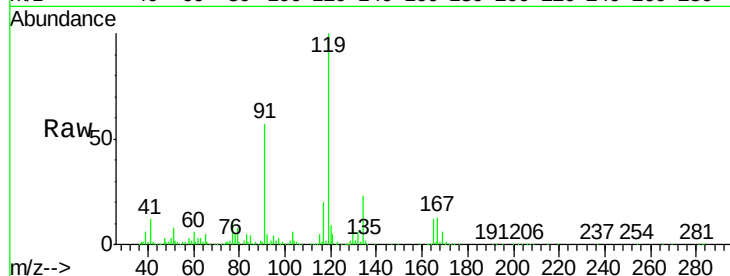
#79
tert-butylbenzene
Concen: 16.060 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	374463		
91	56.8	0.0	111.8	
134	21.9	0.0	42.4	

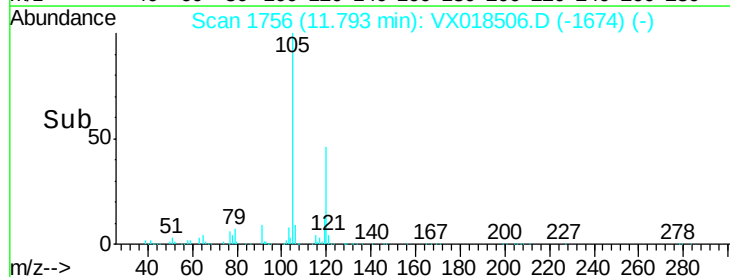
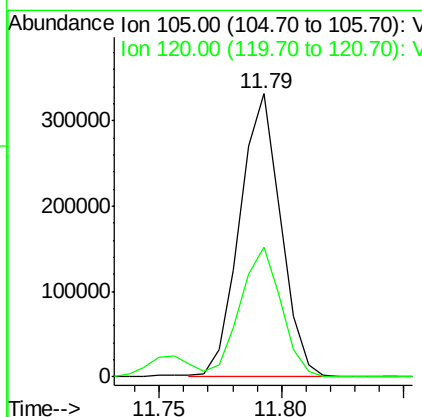
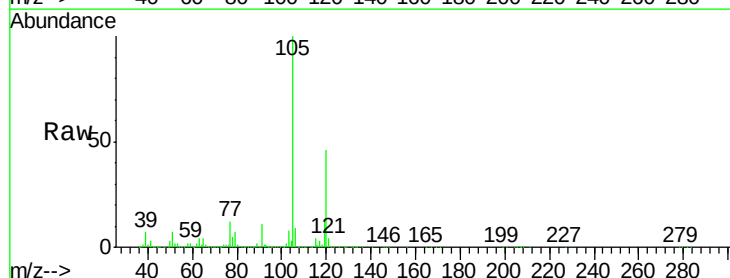
Manual Integrations
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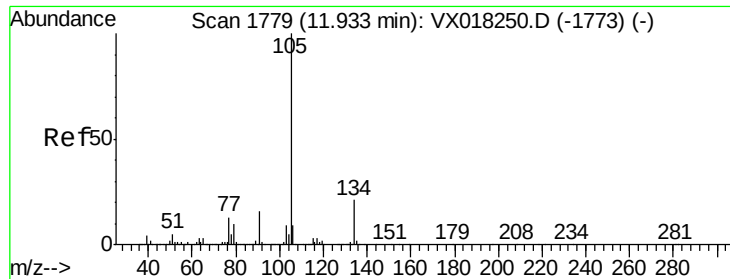
MMDadoda
9/21/2020 11:50:55 AM



#80
1,2,4-Trimethylbenzene
Concen: 16.053 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	384298		
120	45.9	0.0	89.2	





#81

sec-Butylbenzene

Concen: 15.605 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 424993

Ion Ratio Lower Upper

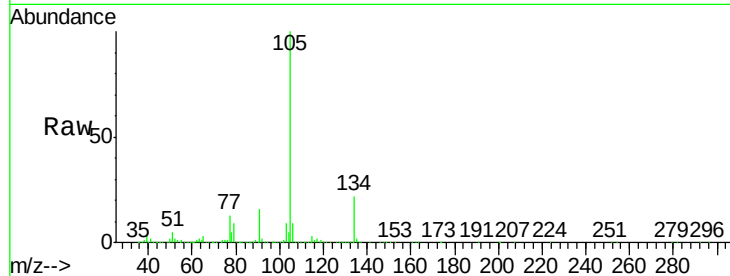
105 100

134 20.8 0.0 40.0

Manual Integrations
APPROVED

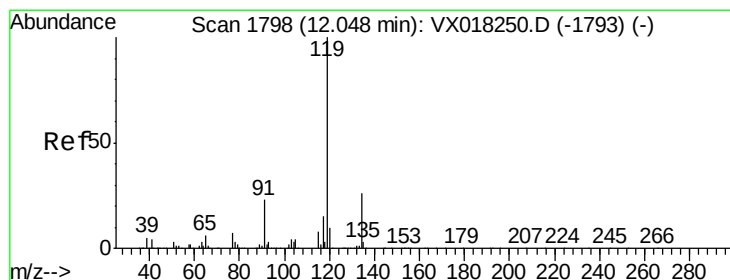
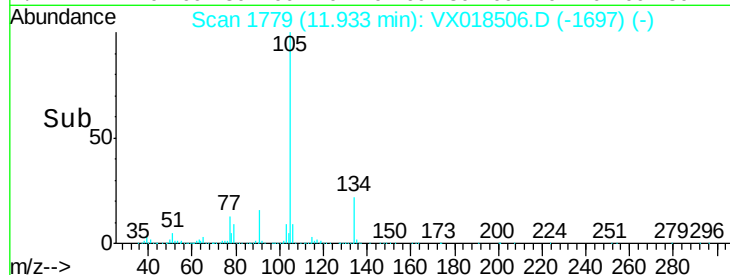
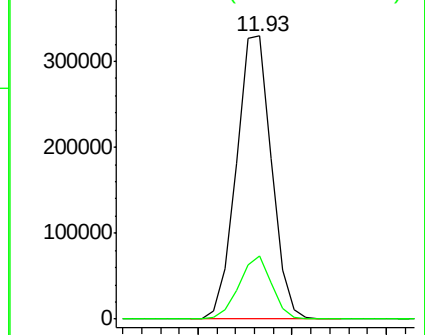
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 15.560 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

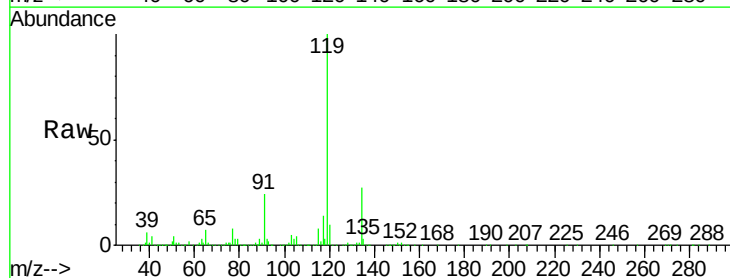
Tgt Ion:119 Resp: 395117

Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.0

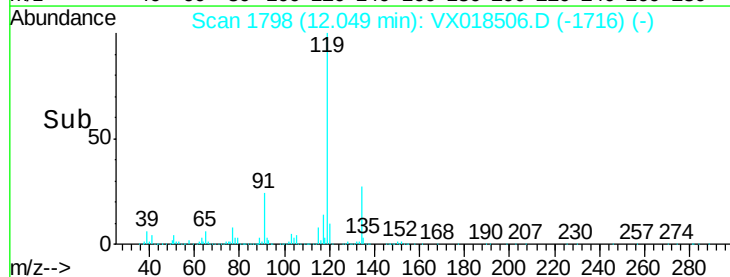
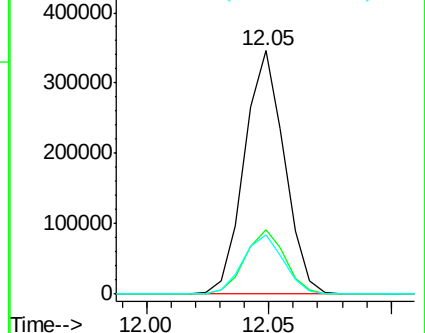
91 24.4 0.0 49.8

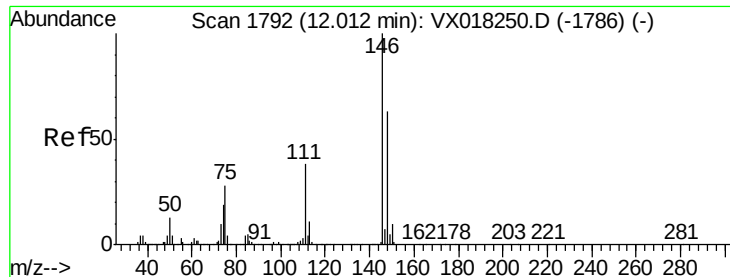


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 15.887 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

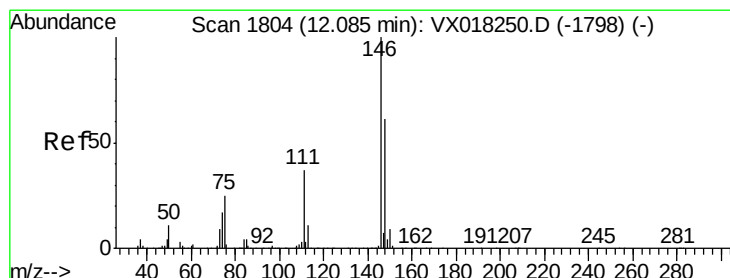
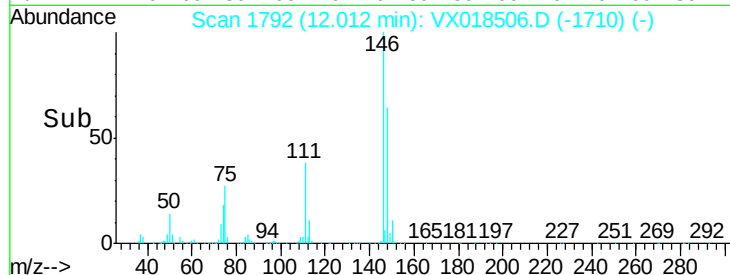
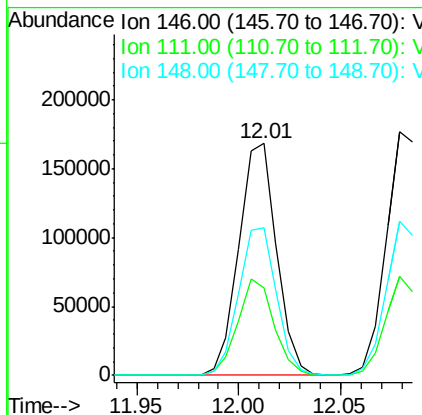
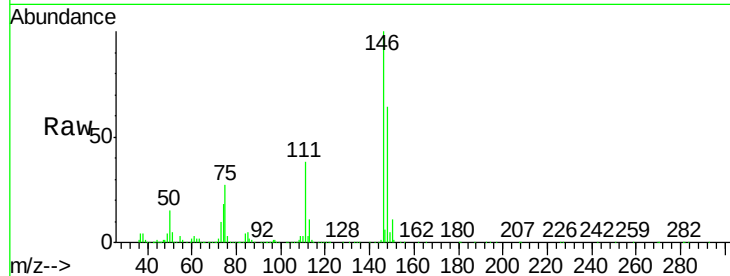
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	216219
Ion Ratio		Lower	Upper
146	100		
111	39.7	20.0	59.9
148	63.9	32.1	96.3

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 16.360 ug/l

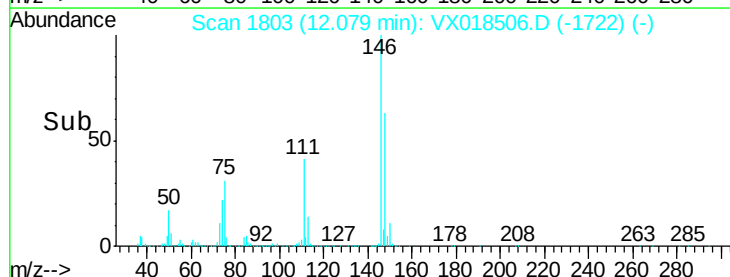
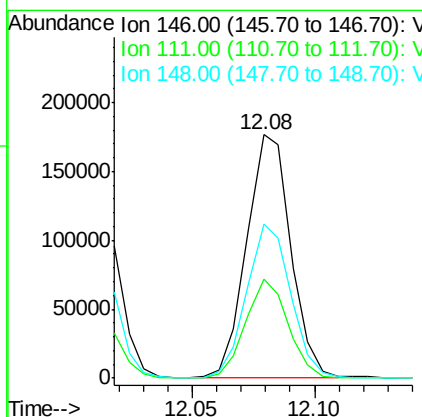
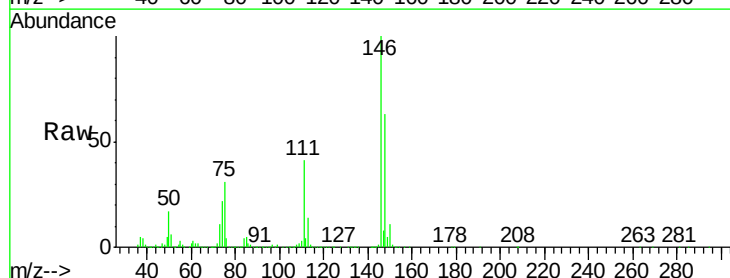
RT: 12.08 min Scan# 1803

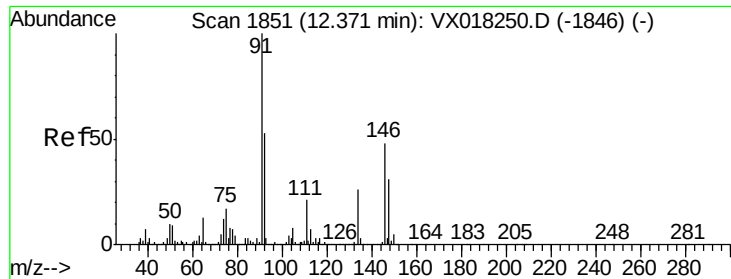
Delta R.T. -0.01 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	146	Resp:	222631
Ion Ratio		Lower	Upper
146	100		
111	39.5	19.3	57.8
148	63.3	31.7	95.1





#85

n-Butylbenzene

Concen: 15.481 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Instrument :

MSVOA_X

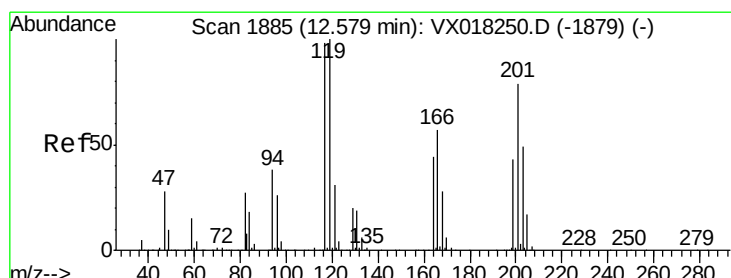
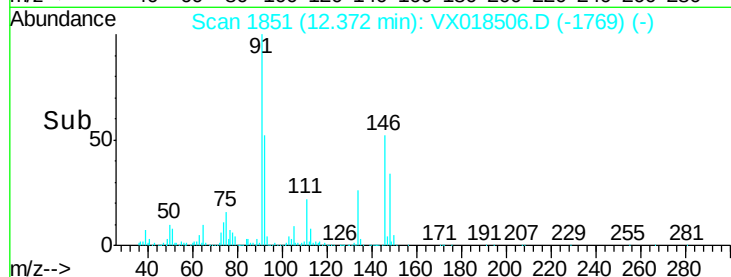
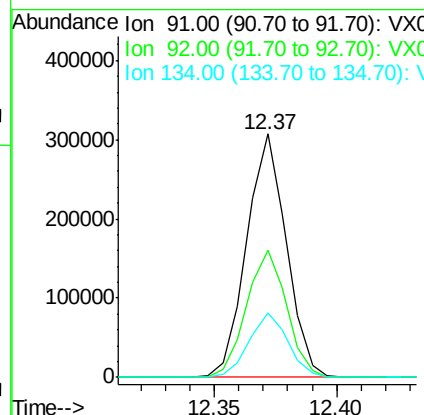
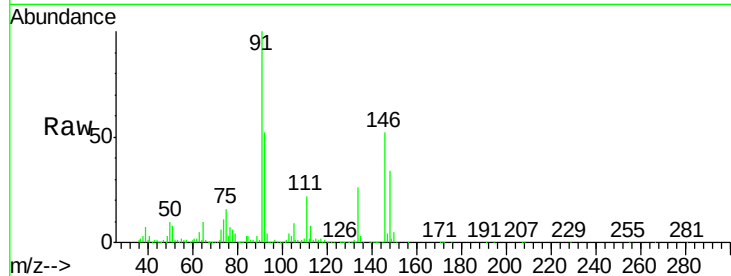
ClientSampled :

VSTDCCC020EC

Tot Ion:	91	Resp:	346095
Ion Ratio	Lower	Upper	
91	100		
92	52.9	0.0	105.0
134	26.0	0.0	51.0

Manual Integrations
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#86

Hexachloroethane

Concen: 14.745 ug/l

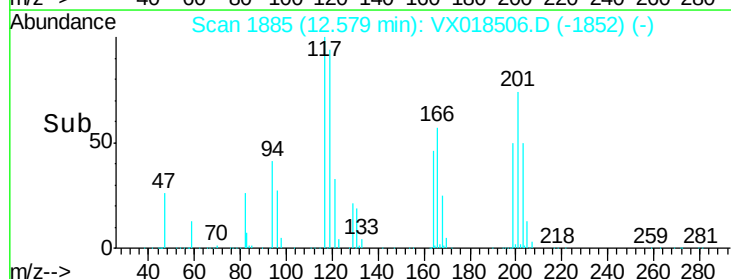
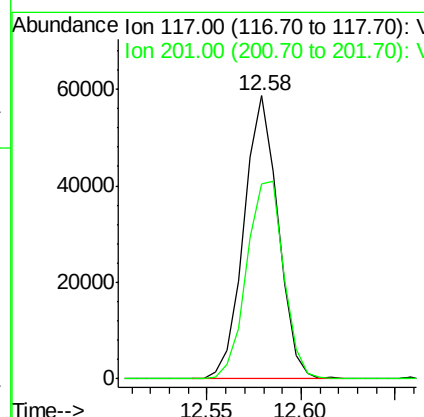
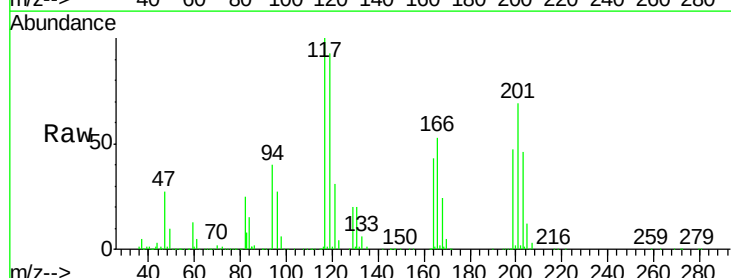
RT: 12.58 min Scan# 1885

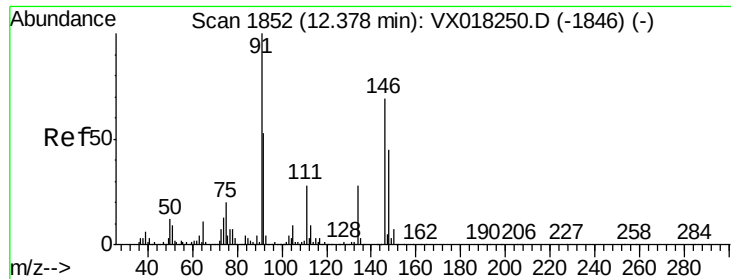
Delta R.T. 0.00 min

Lab File: VX018506.D

Acq: 18 Sep 2020 20:27

Tgt Ion:	117	Resp:	73721
Ion Ratio	Lower	Upper	
117	100		
201	75.8	39.6	118.8





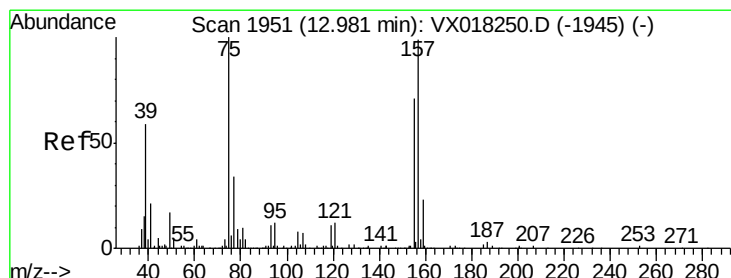
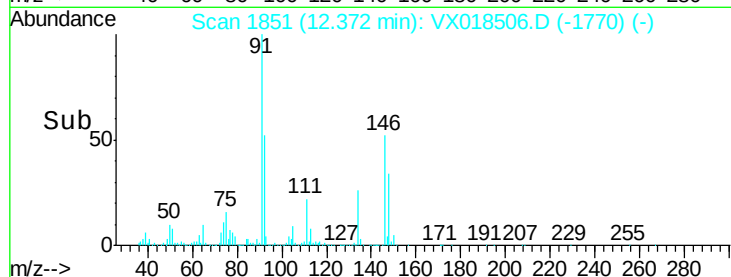
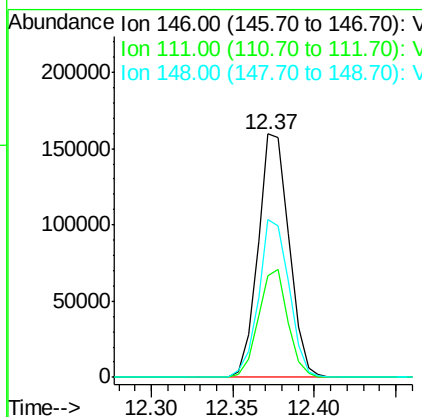
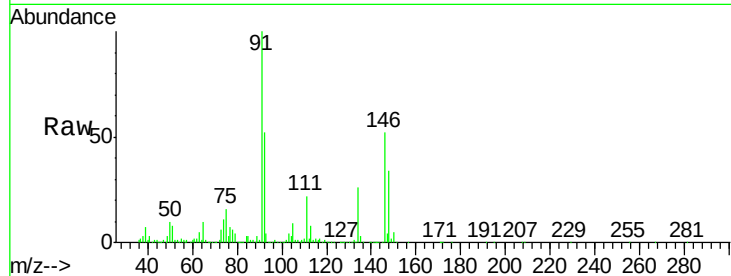
#87
 1,2-Dichlorobenzene
 Concen: 16.501 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.4	64.3
148	63.8	32.0	96.2

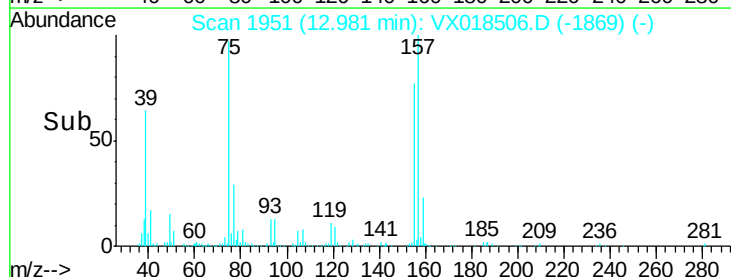
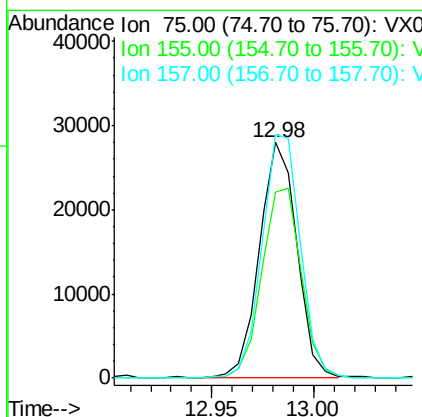
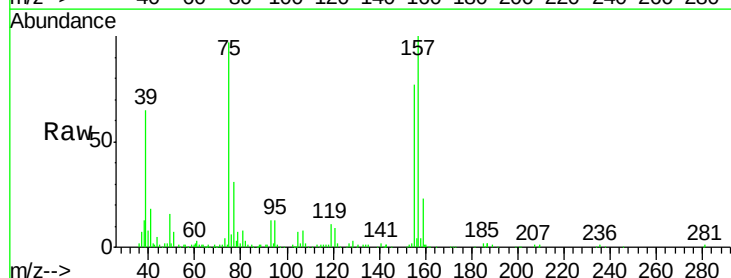
Manual Integrations
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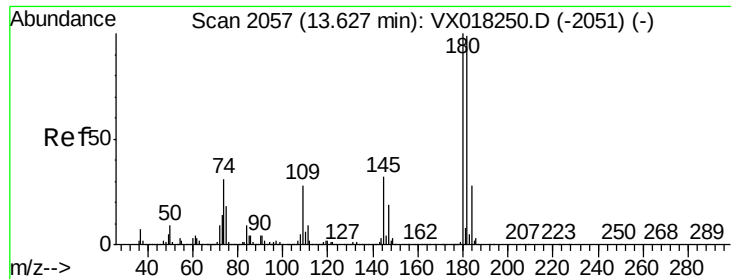
MMDadoda
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.399 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.3	63.4	95.2
157	106.0	87.0	130.6





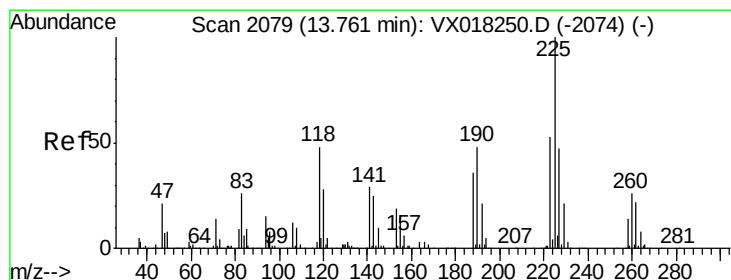
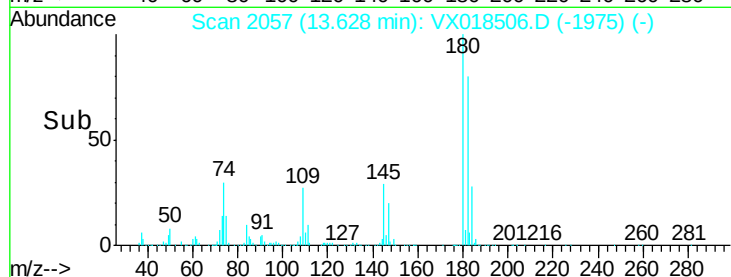
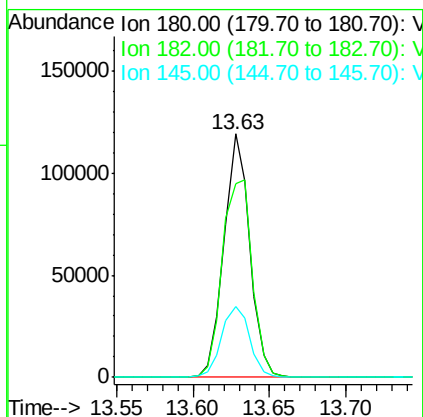
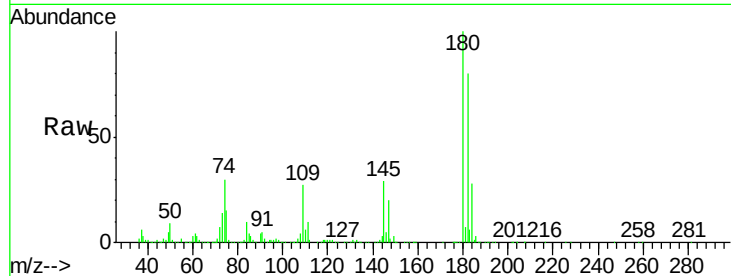
#89
 1,2,4-Trichlorobenzene
 Concen: 16.168 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	139402		
182	94.5	77.1	115.7	
145	31.9	25.0	37.6	

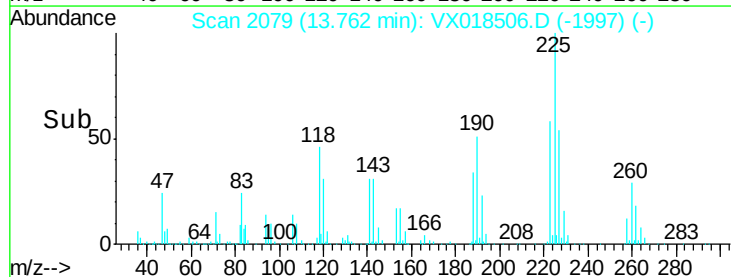
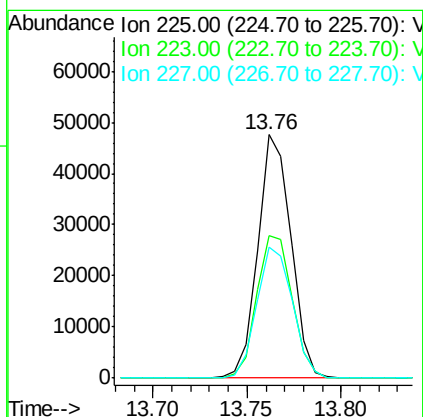
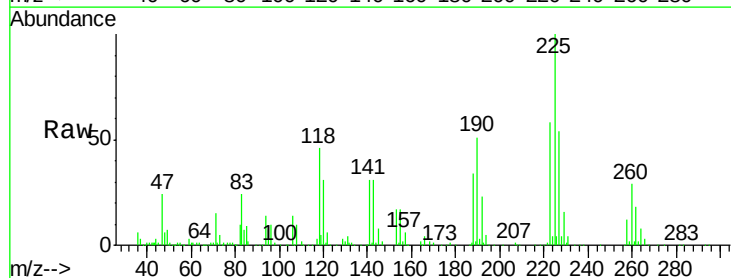
Manual Integrations
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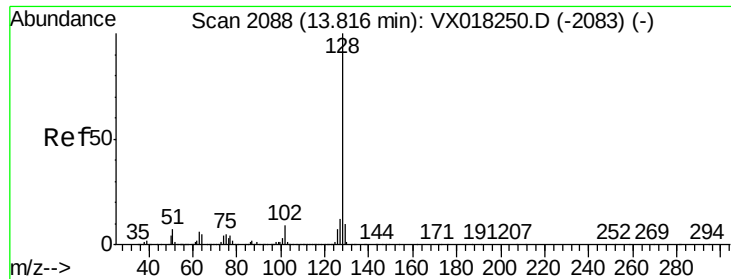
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 9/21/2020 11:50:55 AM



#90
 Hexachlorobutadiene
 Concen: 15.902 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018506.D
 Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57995		
223	63.0	0.0	115.8	
227	57.9	0.0	117.0	





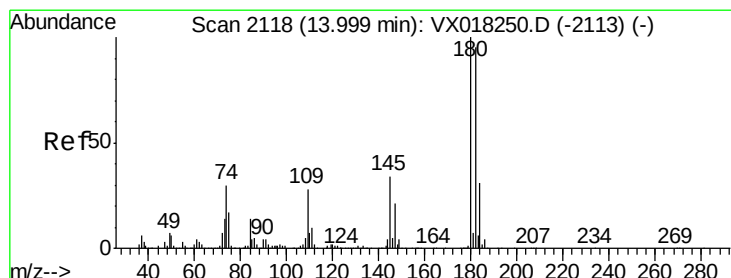
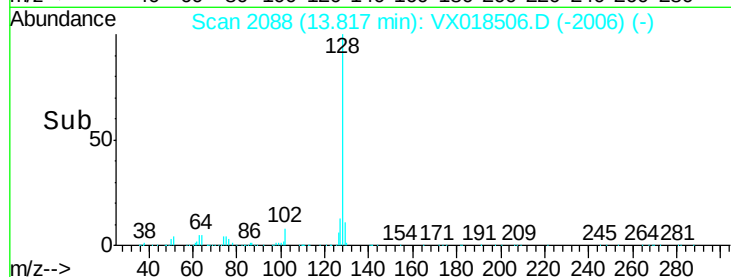
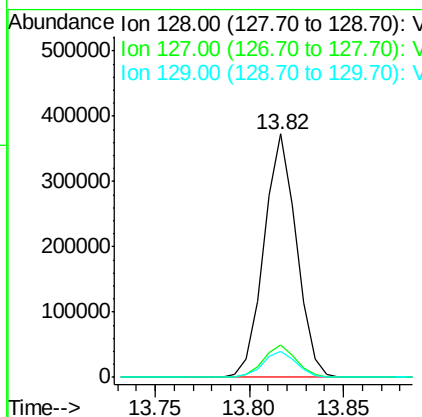
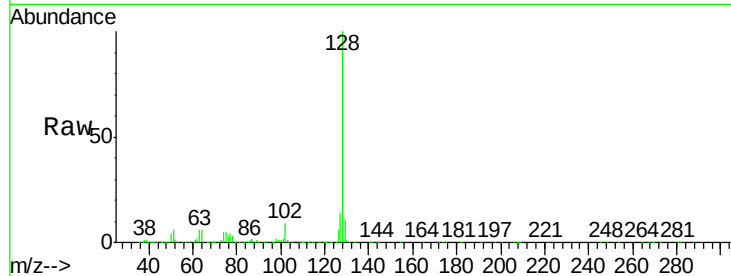
#91
Naphthalene
Concen: 16.535 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 16.691 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018506.D
Acq: 18 Sep 2020 20:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	0.0	191.6
145	32.4	0.0	67.4

