

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091820\
 Data File : VX018505.D
 Acq On : 18 Sep 2020 20:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:53 AM

Quant Time: Sep 21 03:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	469986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	767397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	728234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	392888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	310469	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.46	113	239707	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
50) Toluene-d8	8.70	98	860354	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
62) 4-Bromofluorobenzene	11.12	95	349119	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	235496	52.851	ug/l	100
3) Chloromethane	1.31	50	229407	43.976	ug/l	100
4) Vinyl Chloride	1.39	62	266523	48.260	ug/l	98
5) Bromomethane	1.63	94	109946	32.436	ug/l	97
6) Chloroethane	1.71	64	158930	50.283	ug/l	95
7) Trichlorofluoromethane	1.92	101	436749	52.057	ug/l	97
8) Diethyl Ether	2.17	74	140144	47.610	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223141	49.413	ug/l	99
10) Methyl Iodide	2.49	142	164291	31.428	ug/l	96
11) Tert butyl alcohol	3.01	59	300889	260.095	ug/l	100
12) 1,1-Dichloroethene	2.36	96	226826	49.835	ug/l	95
13) Acrolein	2.28	56	122540	167.291	ug/l	97
14) Allyl chloride	2.71	41	420135	47.634	ug/l	98
15) Acrylonitrile	3.12	53	701183	254.027	ug/l	99
16) Acetone	2.42	43	606803	238.644	ug/l	99
17) Carbon Disulfide	2.55	76	640416	47.113	ug/l	98
18) Methyl Acetate	2.75	43	320988	50.951	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	824888	51.628	ug/l	100
20) Methylene Chloride	2.84	84	265039	47.242	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	255012	48.209	ug/l	99
22) Diisopropyl ether	3.82	45	829044	50.006	ug/l	98
23) Vinyl Acetate	3.79	43	3780442	257.331	ug/l	100
24) 1,1-Dichloroethane	3.67	63	473005	49.471	ug/l	99
25) 2-Butanone	4.64	43	988835	249.726	ug/l	98
26) 2,2-Dichloropropane	4.55	77	383856	43.451	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	284284	47.948	ug/l	100
28) Bromochloromethane	4.98	49	206056	46.055	ug/l	99
29) Tetrahydrofuran	5.09	42	638925	256.008	ug/l	99
30) Chloroform	5.18	83	494326	50.955	ug/l	100
31) Cyclohexane	5.55	56	389793	48.446	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	462678	50.837	ug/l	100
36) 1,1-Dichloropropene	5.77	75	356249	47.829	ug/l	98
37) Ethyl Acetate	4.79	43	389737	49.000	ug/l	99
38) Carbon Tetrachloride	5.76	117	420755	51.006	ug/l	95

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	404005	48.279	ug/l	98
40) Benzene	6.12	78	1026733	48.100	ug/l	100
41) Methacrylonitrile	5.00	41	213742	48.362	ug/l	99
42) 1,2-Dichloroethane	6.17	62	418025	50.338	ug/l	99
43) Isopropyl Acetate	6.42	43	642684	48.693	ug/l	100
44) Trichloroethene	7.19	130	303721	49.151	ug/l	95
45) 1,2-Dichloropropane	7.49	63	281179	47.992	ug/l	97
46) Dibromomethane	7.64	93	198223	49.245	ug/l	100
47) Bromodichloromethane	7.88	83	406874	50.155	ug/l	99
48) Methyl methacrylate	7.74	41	327779	51.021	ug/l	99
49) 1,4-Dioxane	7.71	88	97463	918.146	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2012455	256.077	ug/l	99
52) Toluene	8.76	92	659048	49.064	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	445514	48.332	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	463844	48.845	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	274866	49.314	ug/l	98
56) Ethyl methacrylate	9.16	69	428606	51.860	ug/l	100
57) 1,3-Dichloropropane	9.35	76	459127	49.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1080377	245.875	ug/l	99
59) 2-Hexanone	9.48	43	1534400	256.698	ug/l	100
60) Dibromochloromethane	9.57	129	337955	50.849	ug/l	99
61) 1,2-Dibromoethane	9.65	107	301290	50.804	ug/l	100
64) Tetrachloroethene	9.32	164	263052	45.881	ug/l	98
65) Chlorobenzene	10.12	112	727537	48.518	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	285267	47.422	ug/l	97
67) Ethyl Benzene	10.24	91	1300669	50.112	ug/l	97
68) m/p-Xylenes	10.34	106	978571	99.667	ug/l	100
69) o-Xylene	10.68	106	469956	50.546	ug/l	100
70) Styrene	10.70	104	813548	50.677	ug/l	98
71) Bromoform	10.84	173	255181	50.523	ug/l #	95
73) Isopropylbenzene	11.00	105	1269995	48.387	ug/l	99
74) N-amyl acetate	10.88	43	589054	49.851	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	413125	47.554	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	395958m	47.958	ug/l	
77) Bromobenzene	11.24	156	338233	46.705	ug/l	98
78) n-propylbenzene	11.34	91	1478096	48.112	ug/l	100
79) 2-Chlorotoluene	11.40	91	896800	48.225	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1095308	48.797	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	137123	42.559	ug/l	98
82) 4-Chlorotoluene	11.49	91	1054693	47.711	ug/l	99
83) tert-Butylbenzene	11.76	119	1089952	50.013	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1123449	49.698	ug/l	99
85) sec-Butylbenzene	11.93	105	1247815	48.526	ug/l	99
86) p-Isopropyltoluene	12.05	119	1185141	50.148	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	599752	46.061	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	619941	46.957	ug/l	99
89) n-Butylbenzene	12.37	91	1023988	46.804	ug/l	99
90) Hexachloroethane	12.58	117	220581	46.752	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	582564	47.802	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105910	50.219	ug/l	99

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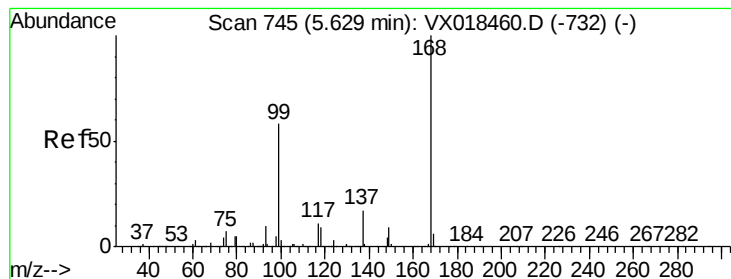
Manual Integrations
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	406449	47.920	ug/l	94
94) Hexachlorobutadiene	13.77	225	161626	45.410	ug/l	98
95) Naphthalene	13.82	128	1278403	49.907	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	390414	48.163	ug/l	100

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



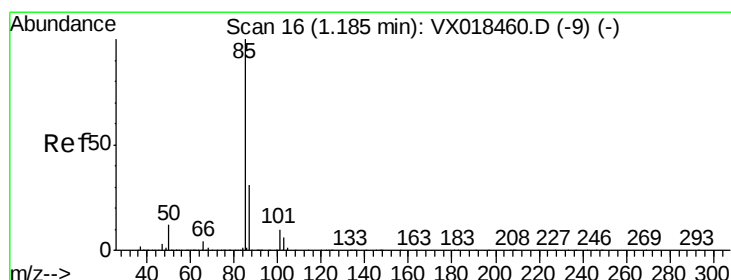
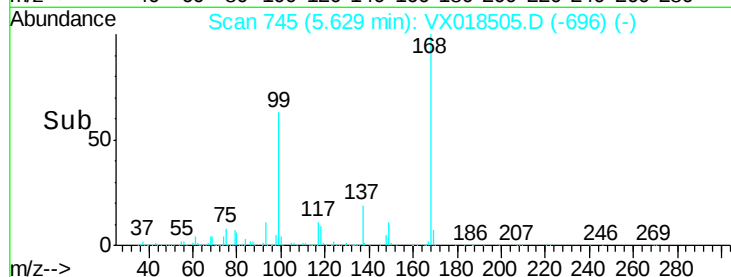
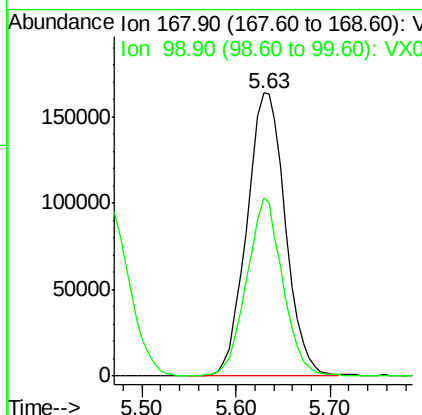
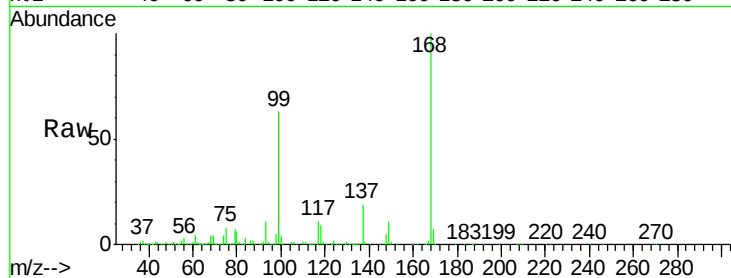
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	62.9	46.5	69.7

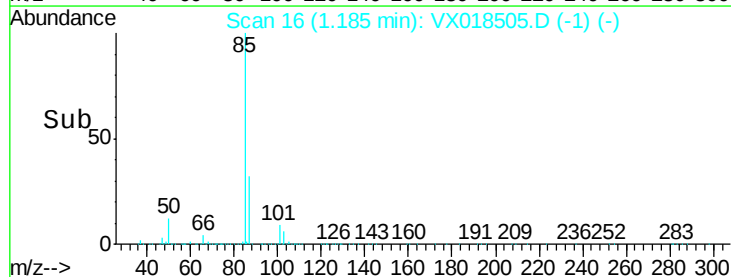
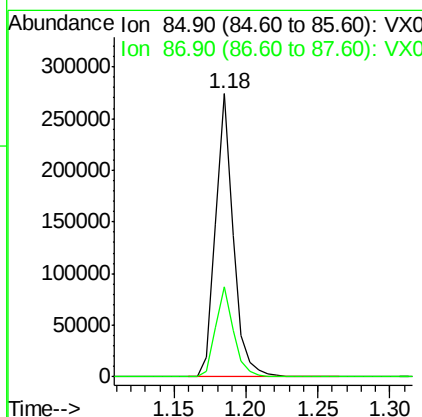
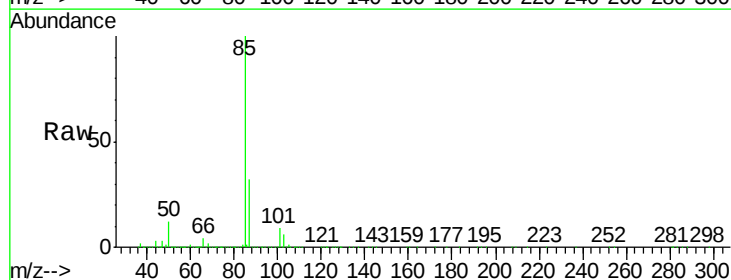
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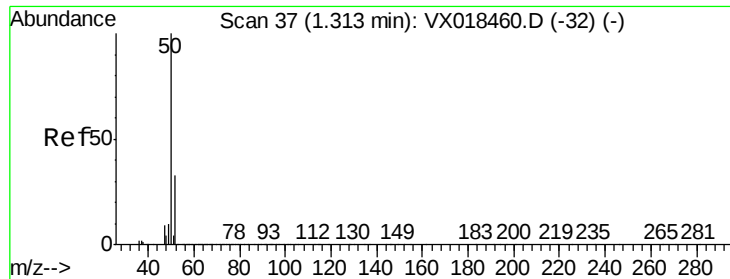
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#2
Dichlorodifluoromethane
Concen: 52.851 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.7	47.1





#3

Chloromethane

Concen: 43.976 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 229407

Ion Ratio Lower Upper

50 100

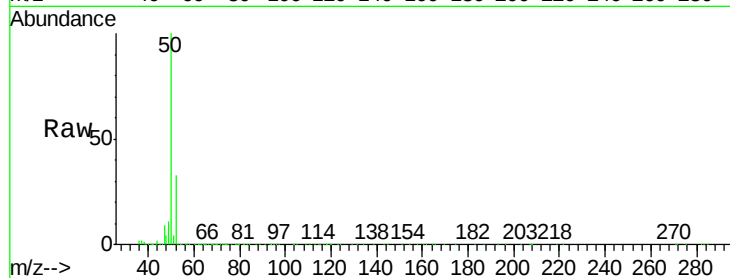
52 33.1 26.6 40.0

Manual Integrations

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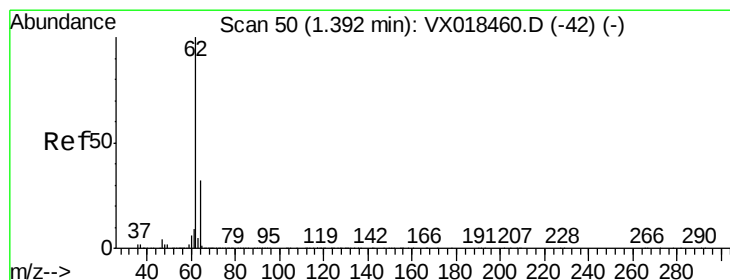
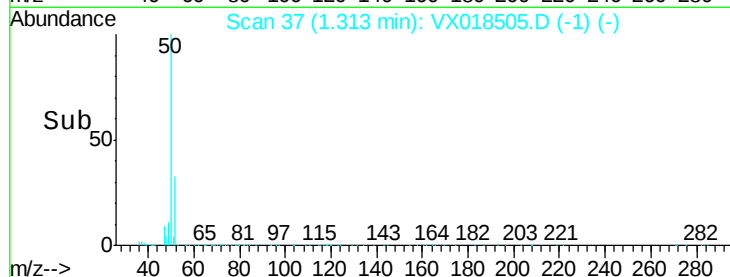
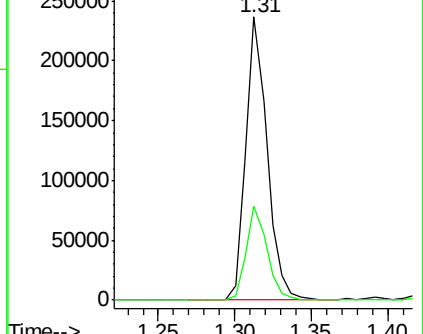
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 48.260 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018505.D

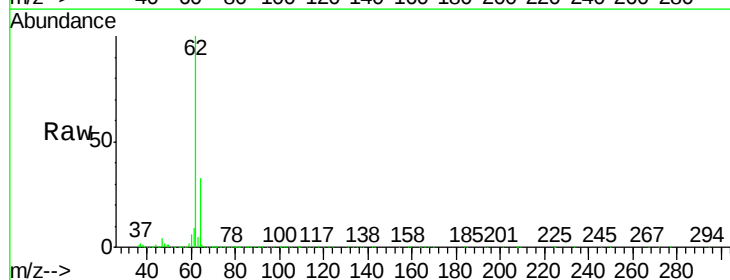
Acq: 18 Sep 2020 20:05

Tgt Ion: 62 Resp: 266523

Ion Ratio Lower Upper

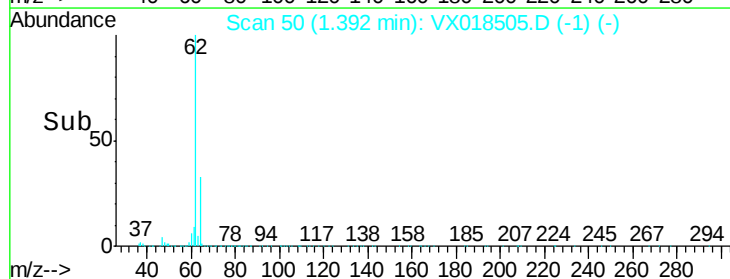
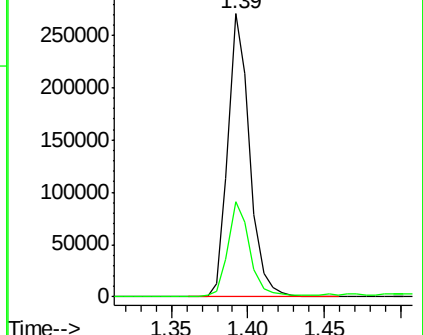
62 100

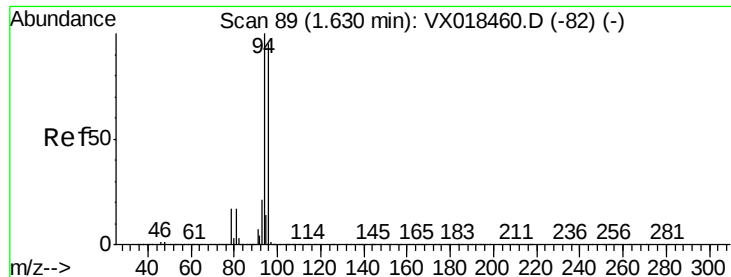
64 33.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 32.436 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 109946

Ion Ratio Lower Upper

94 100

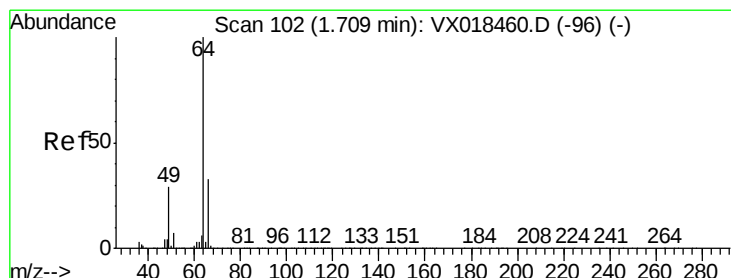
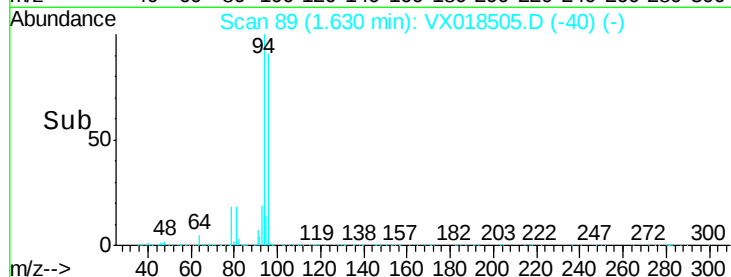
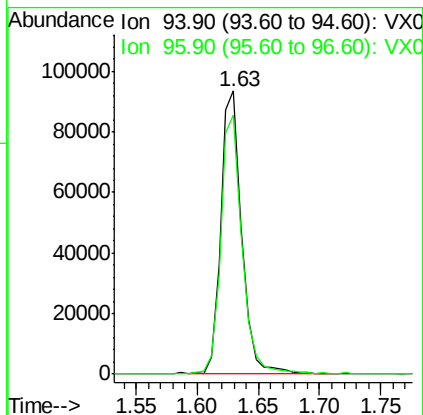
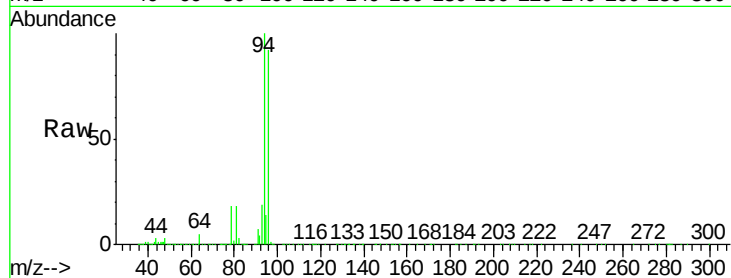
96 91.7 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 50.283 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018505.D

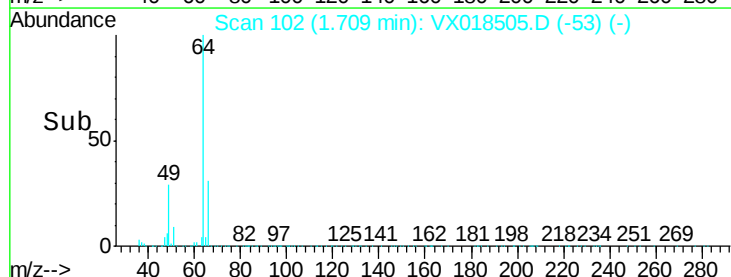
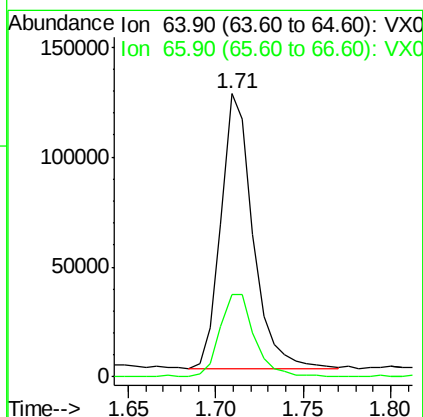
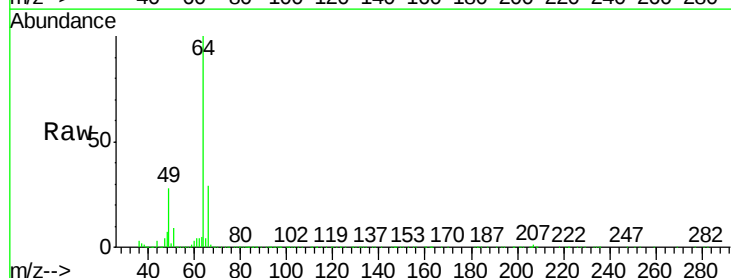
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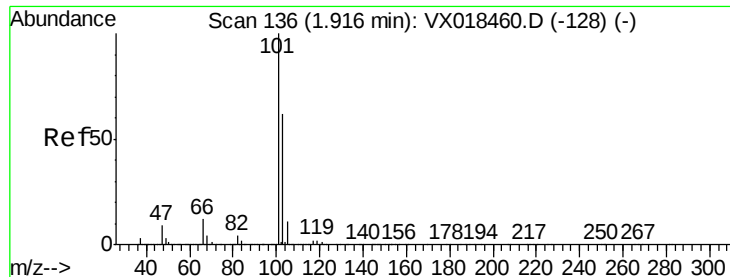
Tgt Ion: 64 Resp: 158930

Ion Ratio Lower Upper

64 100

66 29.8 26.2 39.4





#7

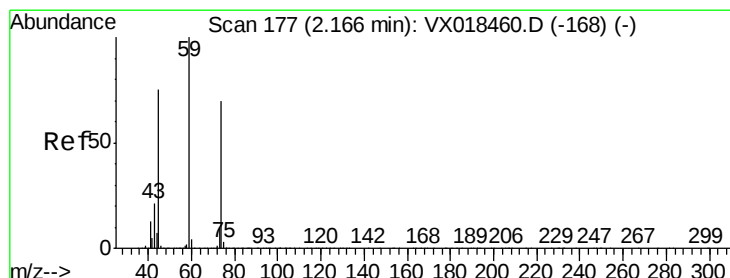
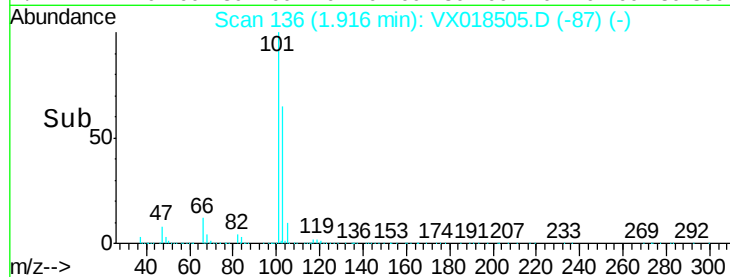
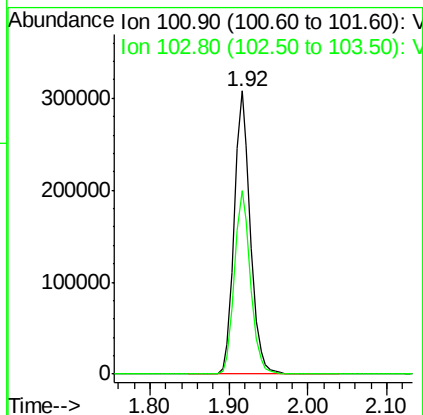
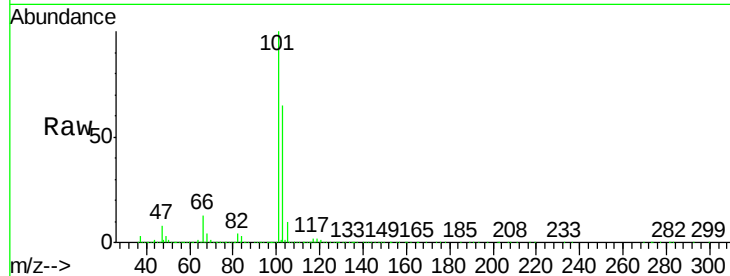
Trichlorofluoromethane
Concen: 52.057 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	49.6	74.4

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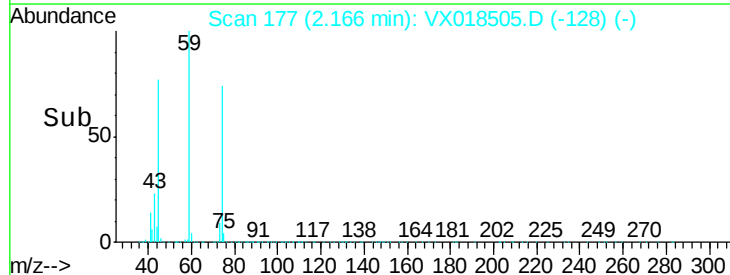
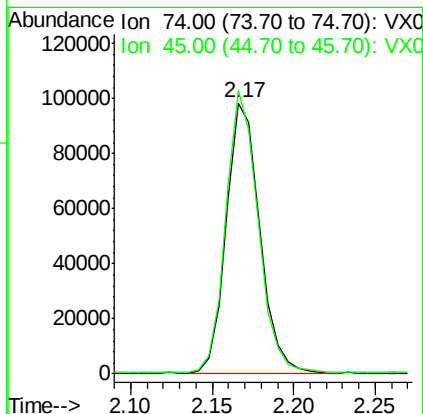
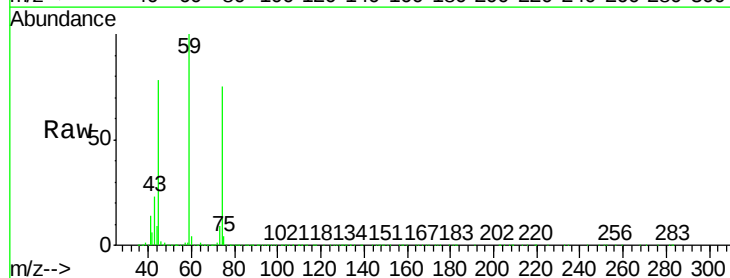
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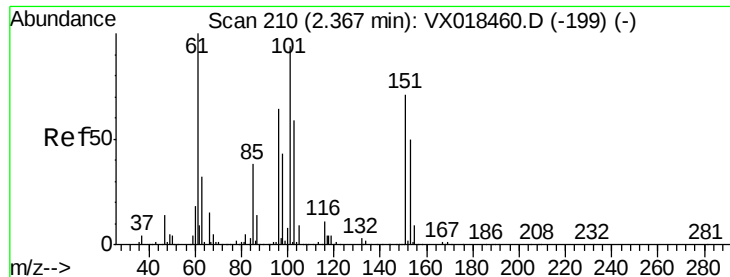


#8

Diethyl Ether
Concen: 47.610 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.413 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

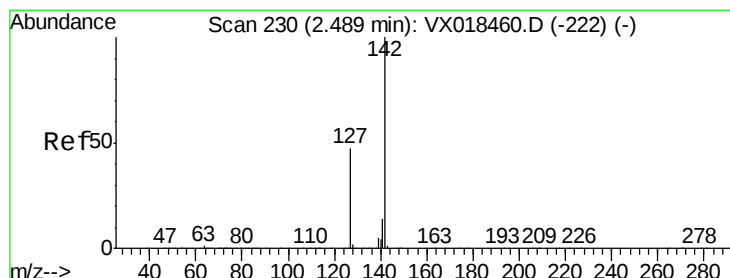
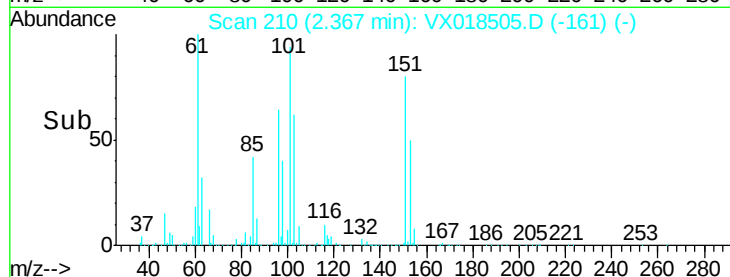
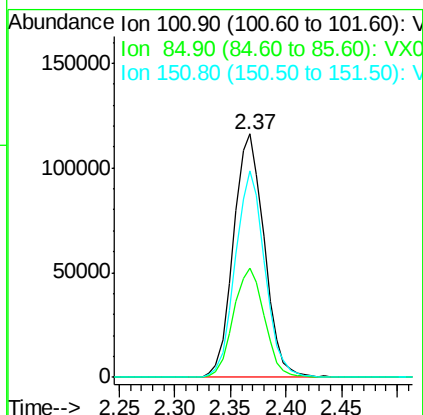
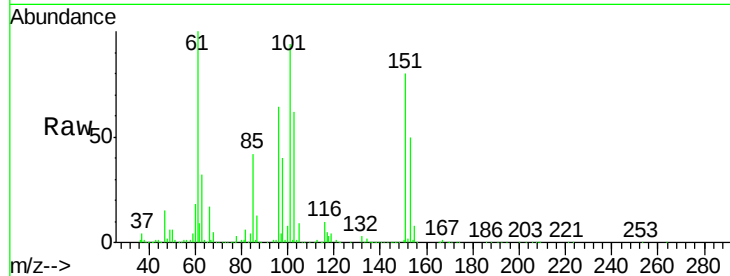
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	223141
Ion Ratio	Lower	Upper	
101	100		
85	45.4	34.7	52.1
151	81.4	64.9	97.3

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#10

Methyl Iodide

Concen: 31.428 ug/l

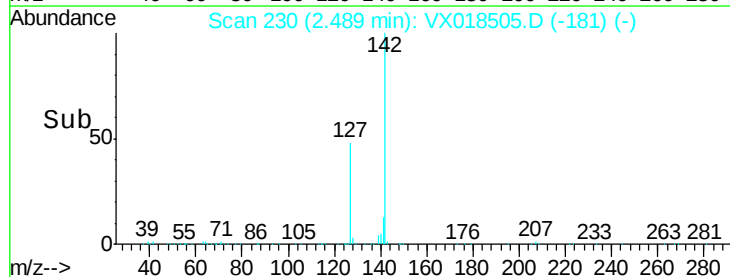
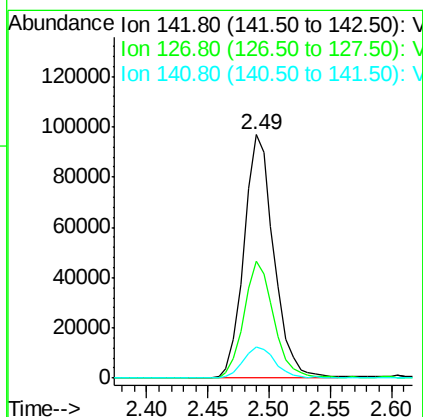
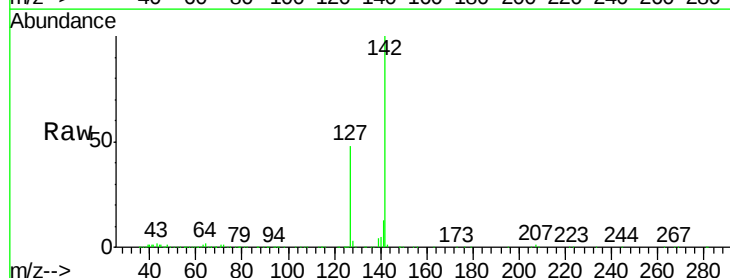
RT: 2.49 min Scan# 230

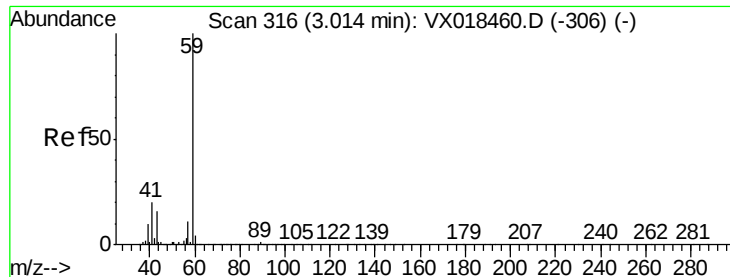
Delta R.T. 0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	142	Resp:	164291
Ion Ratio	Lower	Upper	
142	100		
127	48.1	36.0	54.0
141	13.9	11.9	17.9





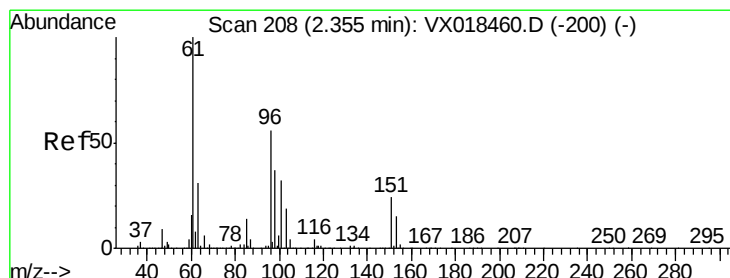
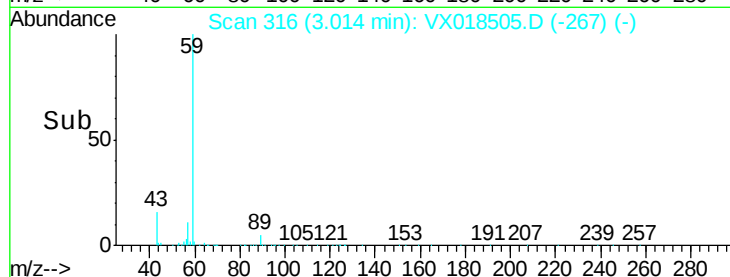
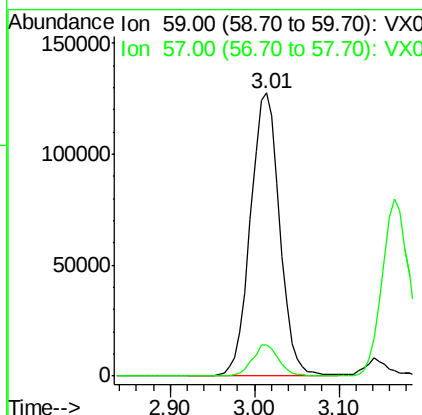
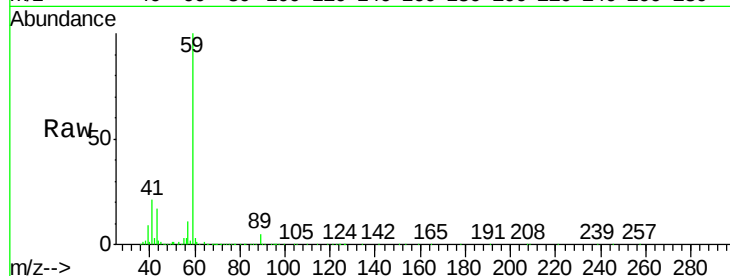
#11
Tert butyl alcohol
Concen: 260.095 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

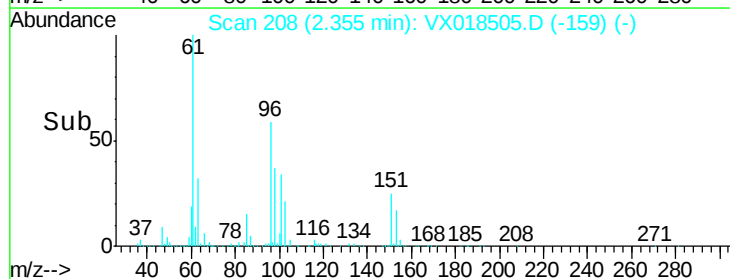
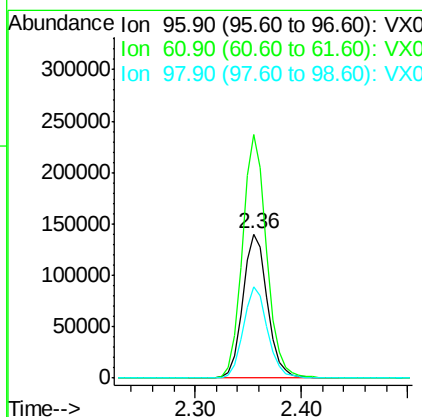
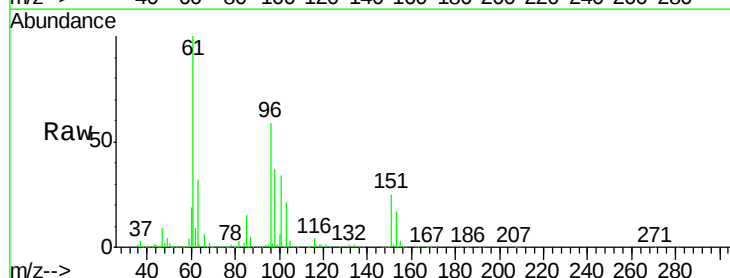
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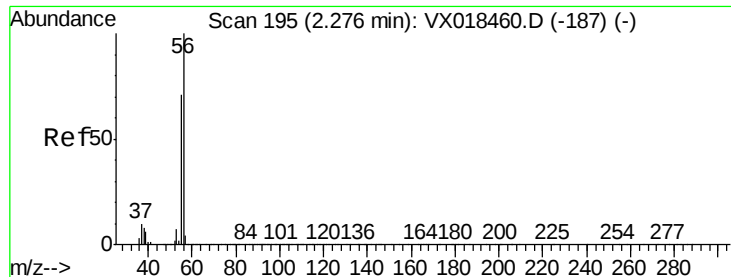
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.835 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	168.9	142.2	213.4
98	63.2	52.4	78.6





#13

Acrolein

Concen: 167.291 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 122540

Ion Ratio Lower Upper

56 100

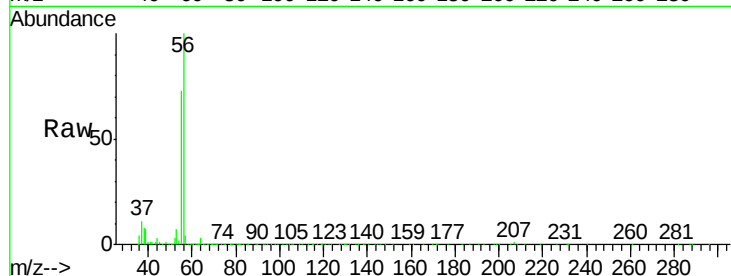
55 69.9 58.2 87.4

Manual Integrations

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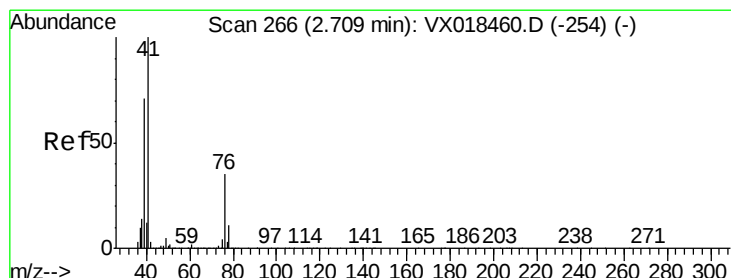
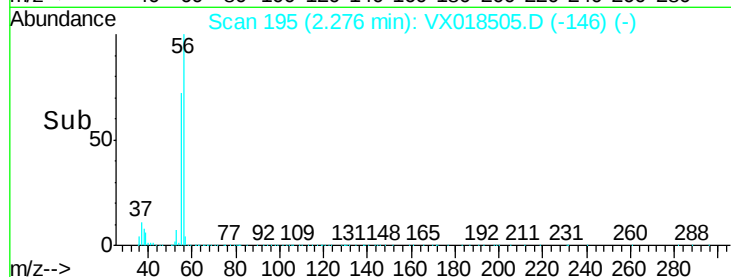
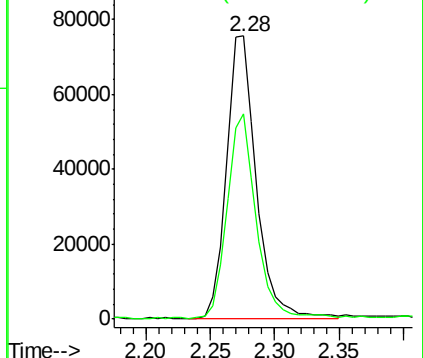
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 47.634 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

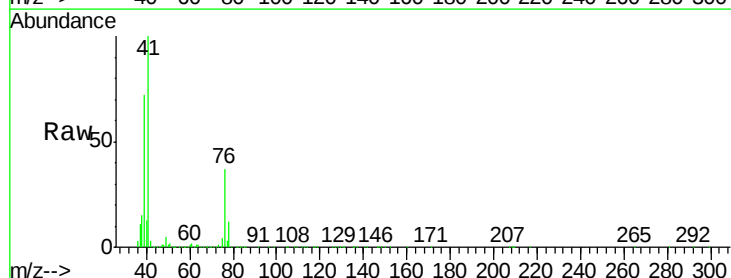
Tgt Ion: 41 Resp: 420135

Ion Ratio Lower Upper

41 100

39 66.1 51.1 76.7

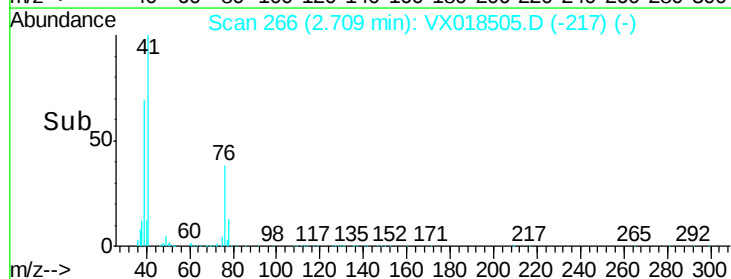
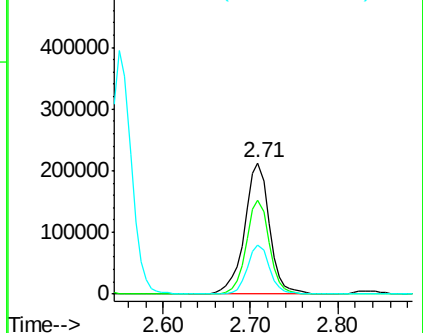
76 32.9 26.0 39.0

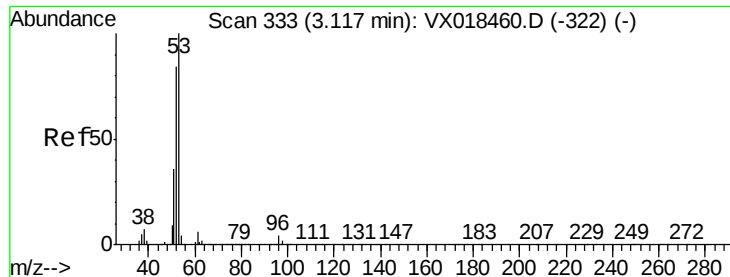


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





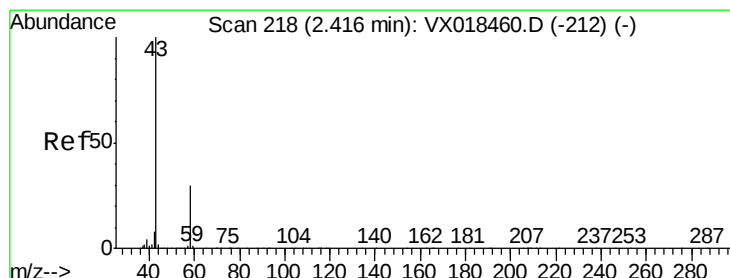
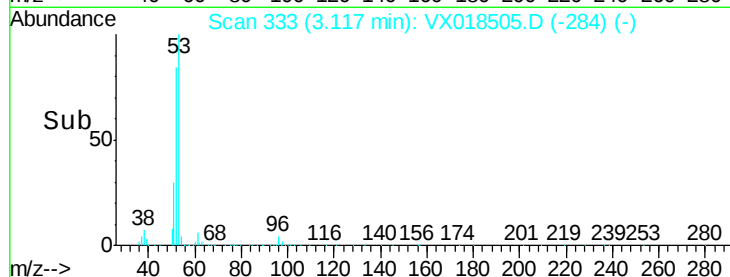
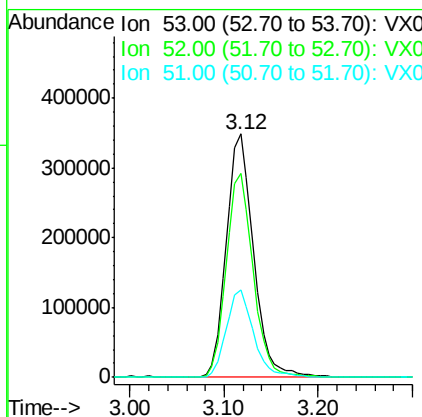
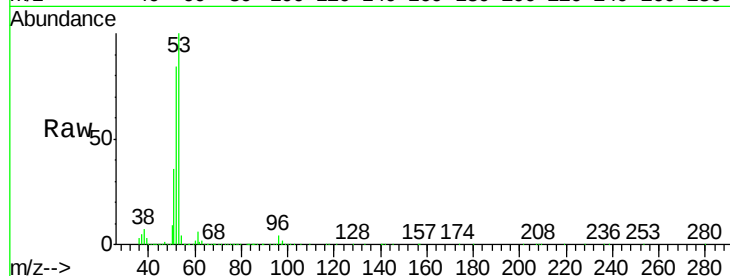
#15
 Acrylonitrile
 Concen: 254.027 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	701183
Ion Ratio	Lower	Upper	
53	100		
52	83.0	65.8	98.8
51	36.5	29.2	43.8

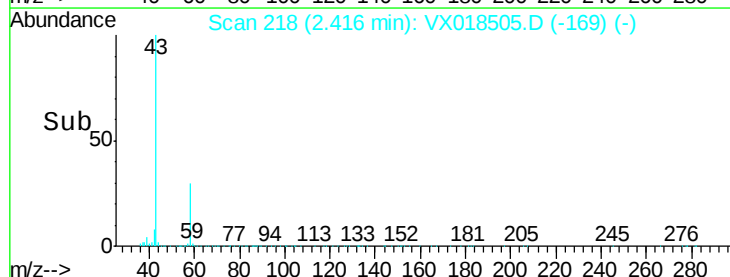
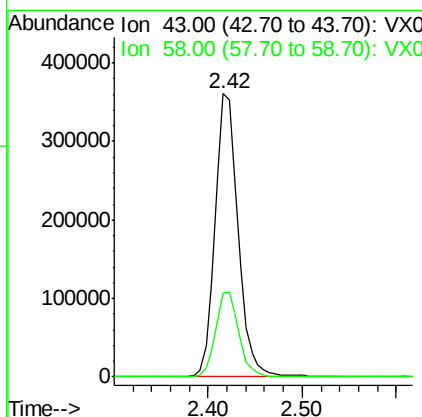
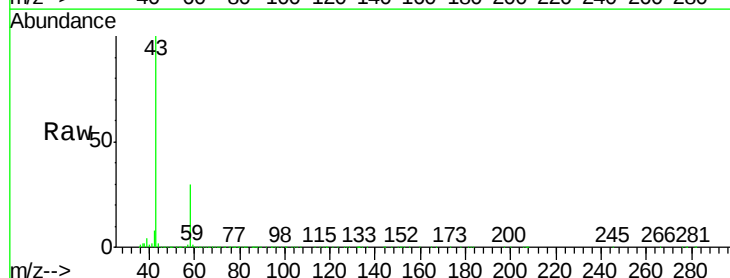
Manual Integrations
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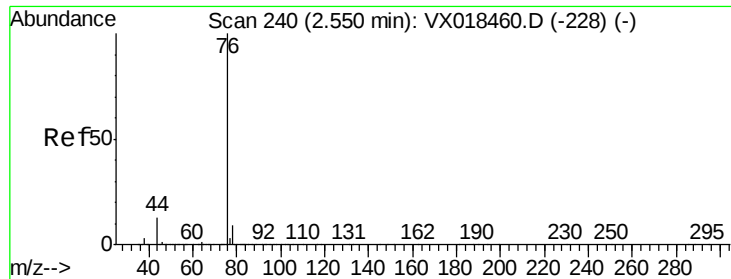
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#16
 Acetone
 Concen: 238.644 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion:	43	Resp:	606803
Ion Ratio	Lower	Upper	
43	100		
58	29.7	24.0	36.0





#17

Carbon Disulfide

Concen: 47.113 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 640416

Ion Ratio Lower Upper

76 100

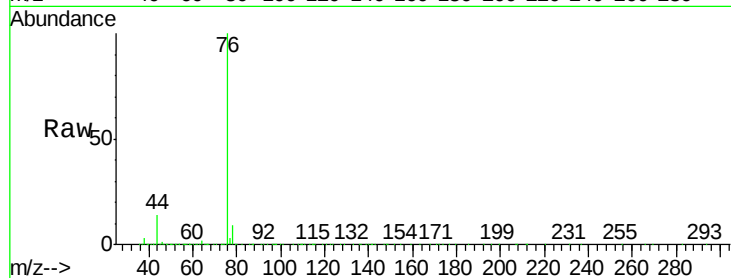
78 9.3 7.0 10.4

Manual Integrations

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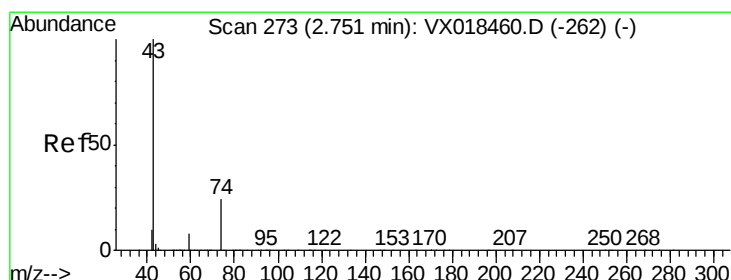
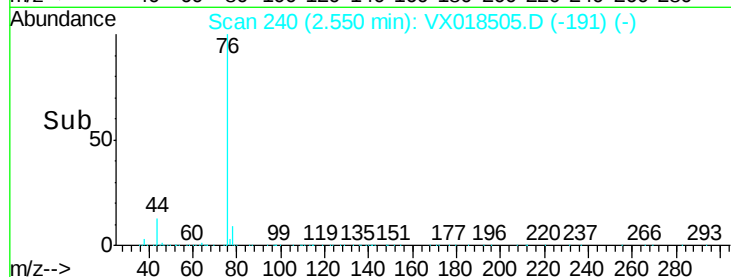
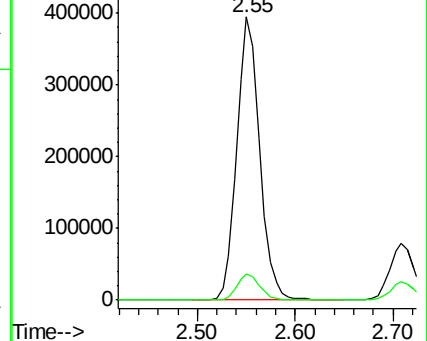
MMDadoda

9/21/2020 11:50:53 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.951 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018505.D

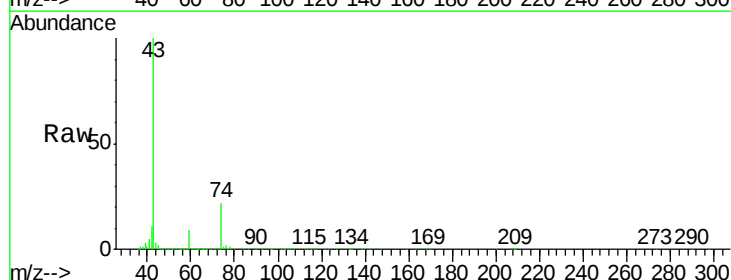
Acq: 18 Sep 2020 20:05

Tgt Ion: 43 Resp: 320988

Ion Ratio Lower Upper

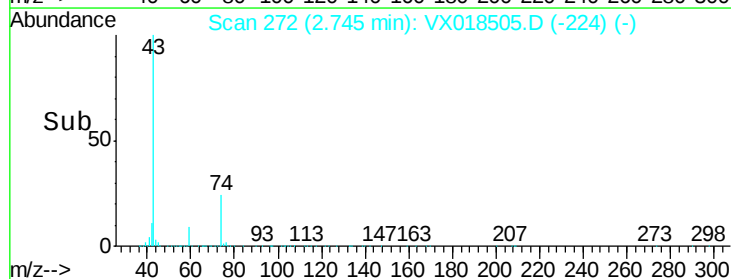
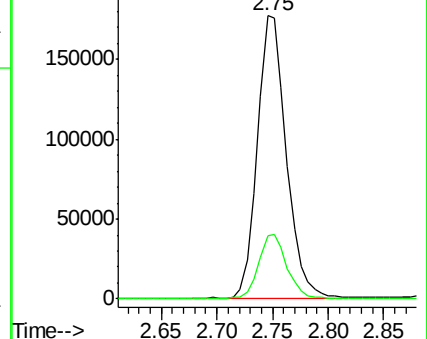
43 100

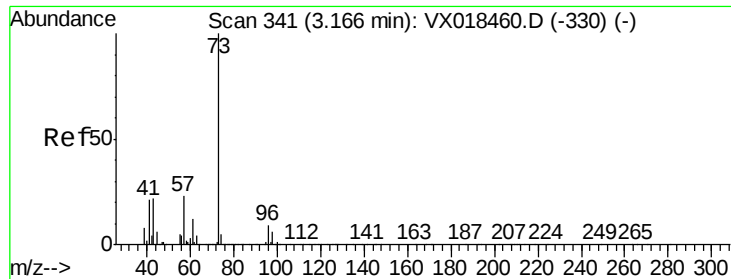
74 23.0 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





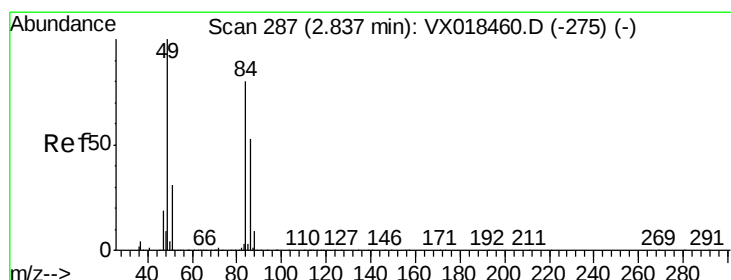
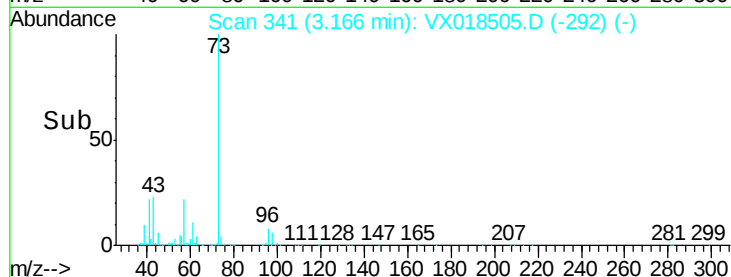
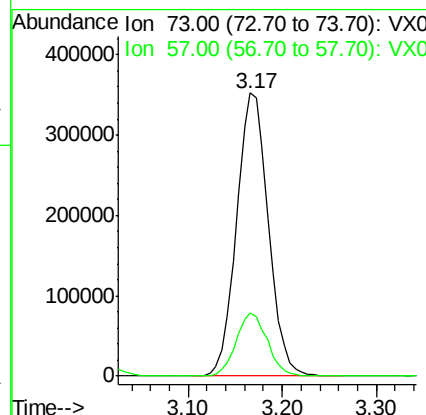
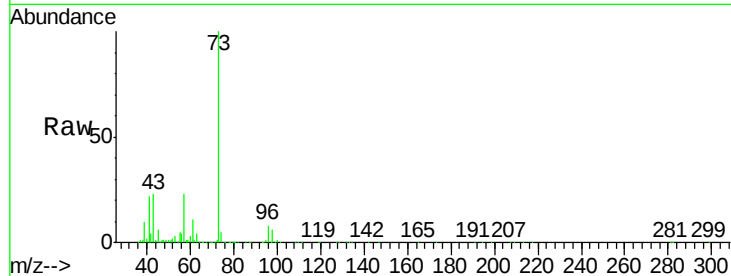
#19
Methvl tert-butvl Ether
Concen: 51.628 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	18.0	27.0

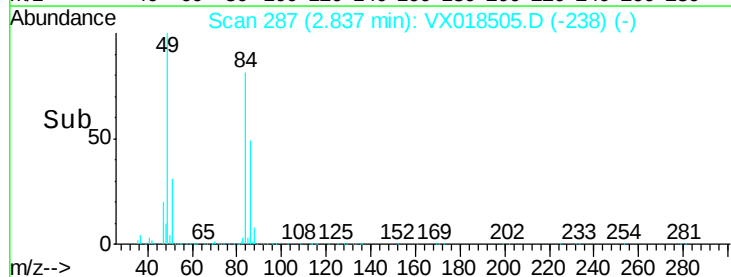
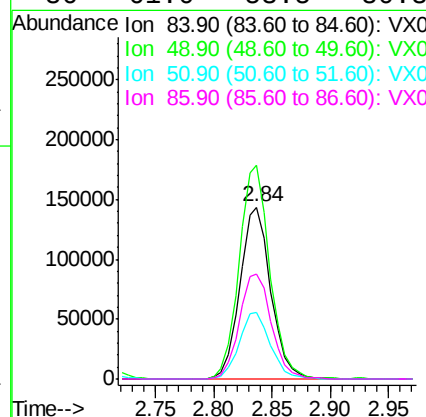
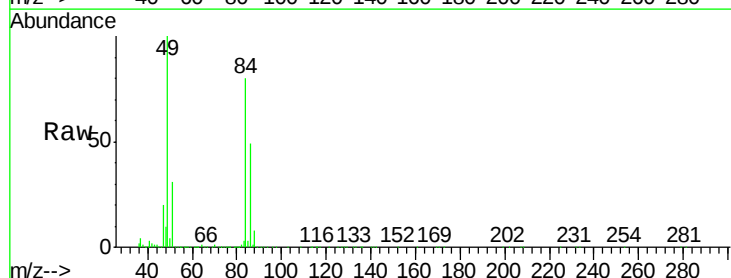
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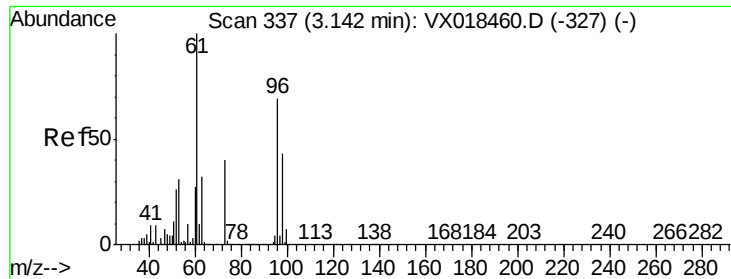
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#20
Methylene Chloride
Concen: 47.242 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	100.6	151.0
51	39.1	30.9	46.3
86	61.0	53.5	80.3





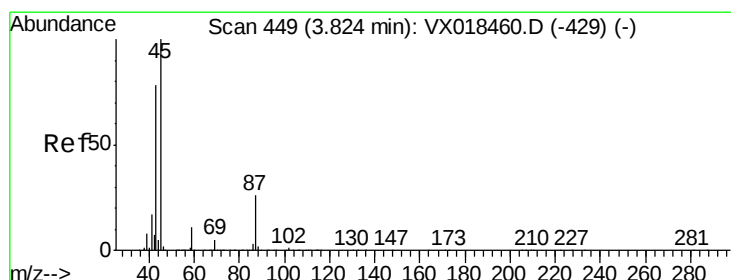
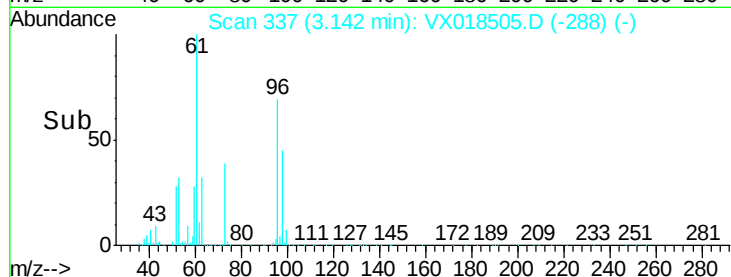
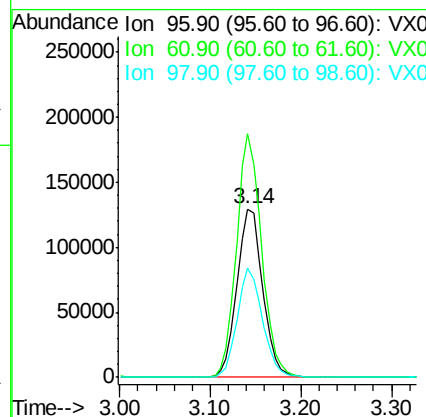
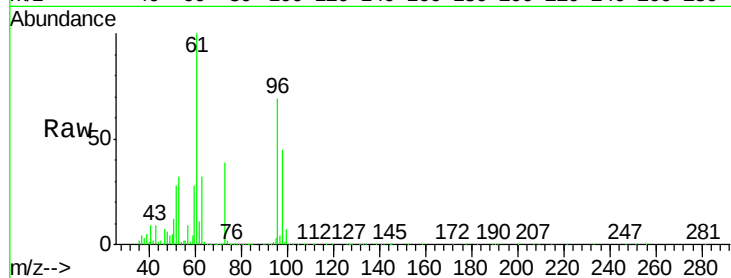
#21
trans-1,2-Dichloroethene
Concen: 48.209 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	115.6	173.4
98	64.9	50.2	75.4

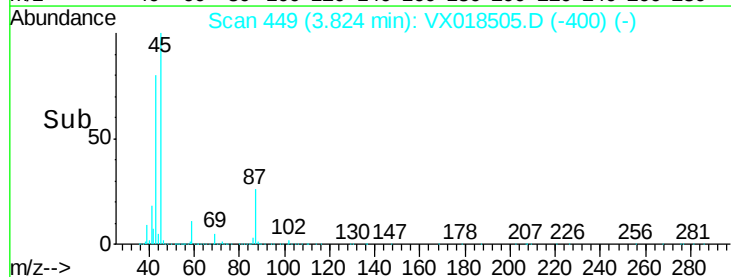
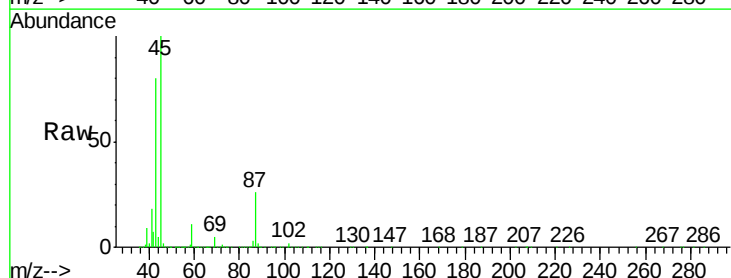
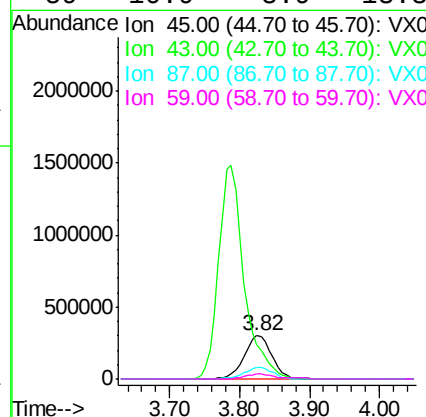
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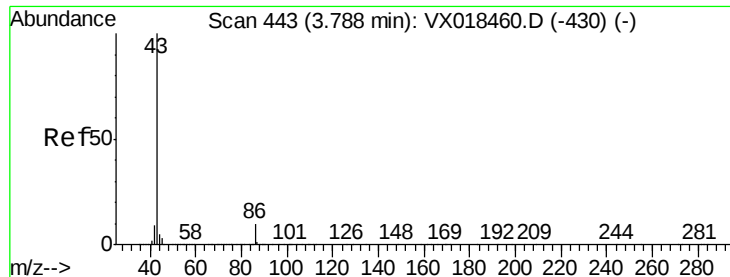
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#22
Diisopropyl ether
Concen: 50.006 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
45	100		
43	80.0	62.4	93.6
87	26.4	21.2	31.8
59	10.9	8.9	13.3





#23

Vinyl Acetate

Concen: 257.331 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3780442

Ion Ratio Lower Upper

43 100

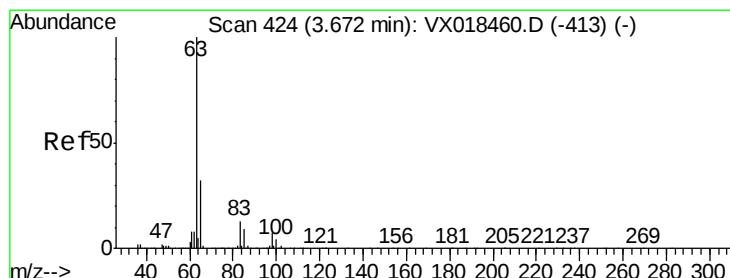
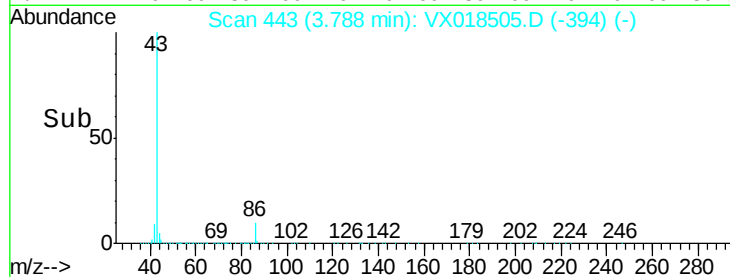
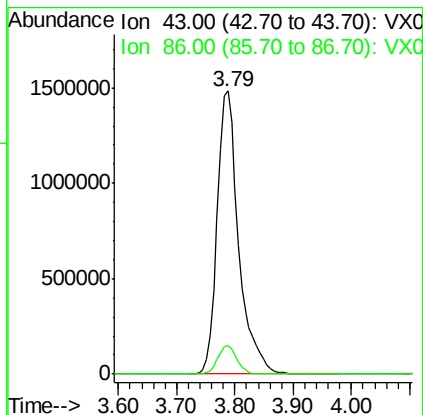
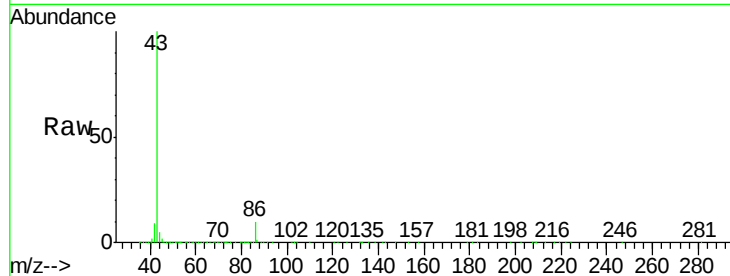
86 10.1 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.471 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

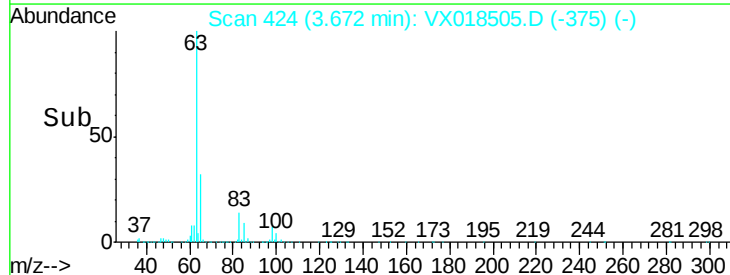
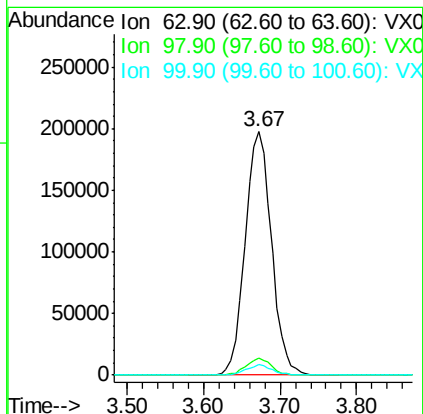
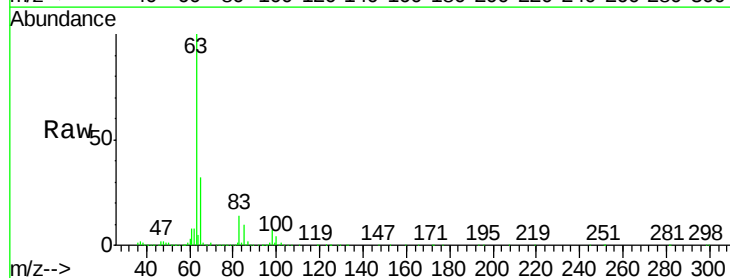
Tgt Ion: 63 Resp: 473005

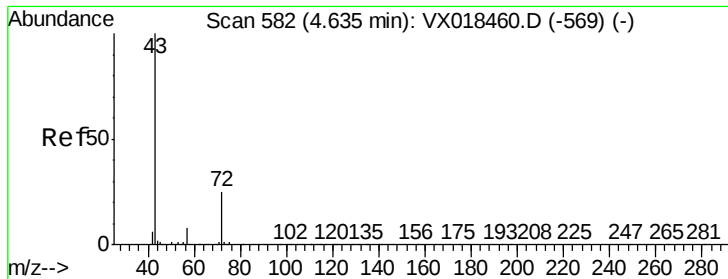
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.6

100 4.2 1.9 5.7





#25

2-Butanone

Concen: 249.726 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tot Ion: 43 Resp: 988835

Ion Ratio Lower Upper

43 100

72 24.4 20.2 30.4

Instrument :

MSVOA_X

ClientSampleId :

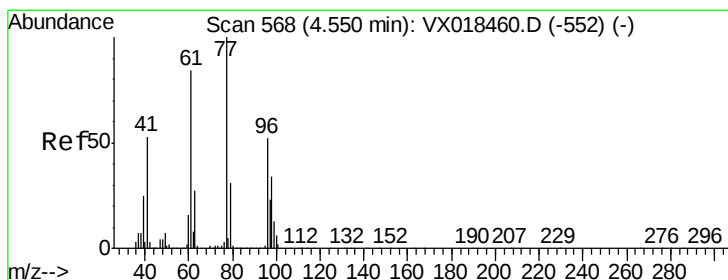
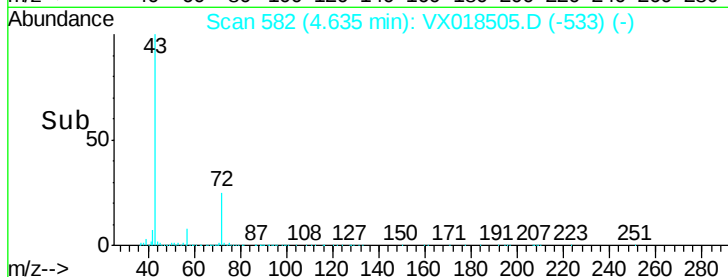
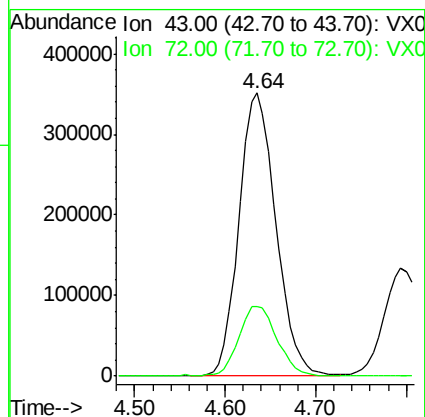
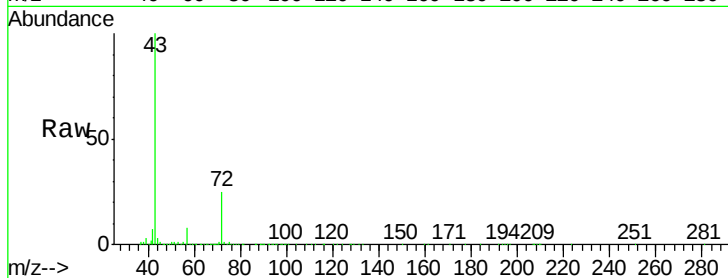
VSTDCCC050EC

Manual Integrations

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9/21/2020 11:50:53 AM



#26

2,2-Dichloropropane

Concen: 43.451 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018505.D

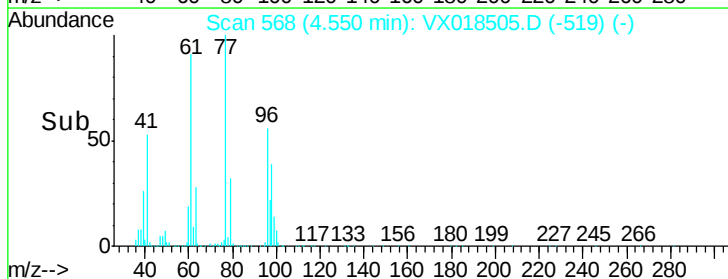
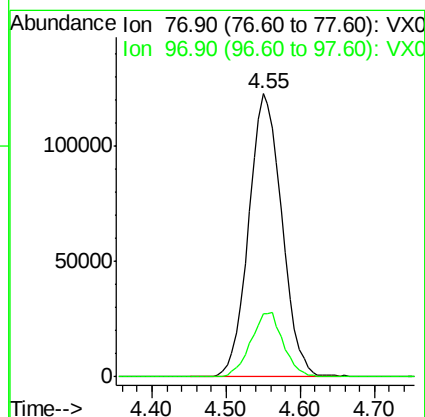
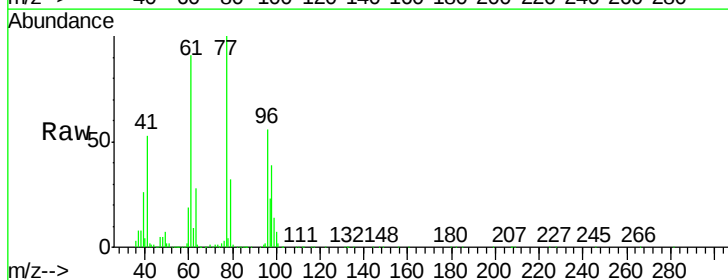
Acq: 18 Sep 2020 20:05

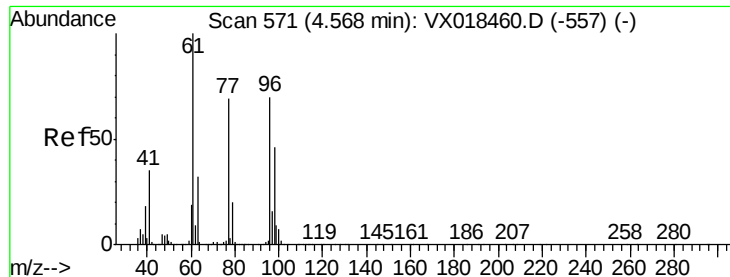
Tgt Ion: 77 Resp: 383856

Ion Ratio Lower Upper

77 100

97 22.3 11.2 33.5





#27

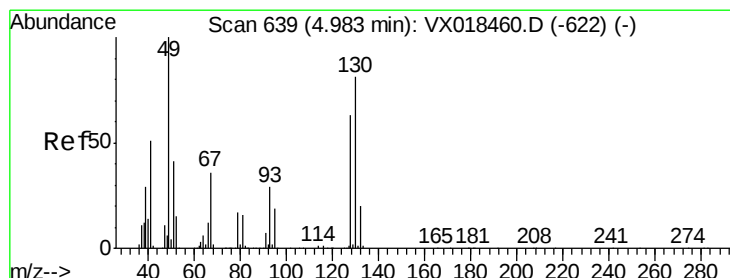
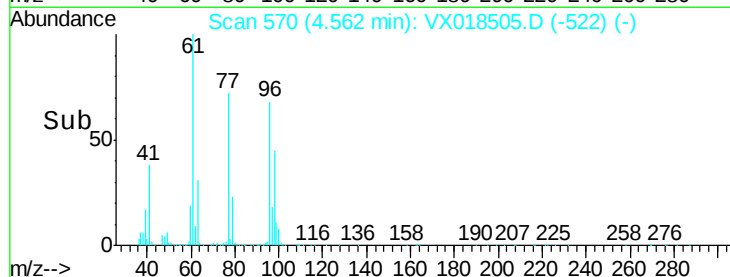
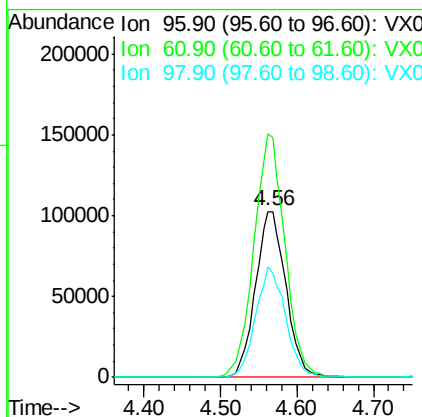
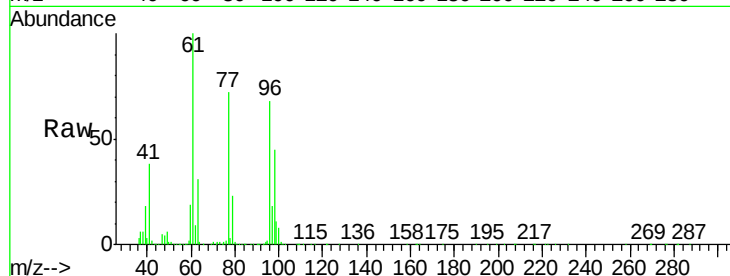
cis-1,2-Dichloroethene
Concen: 47.948 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	284284		
61	149.8	0.0	300.0	
98	65.1	0.0	130.4	

Manual Integrations
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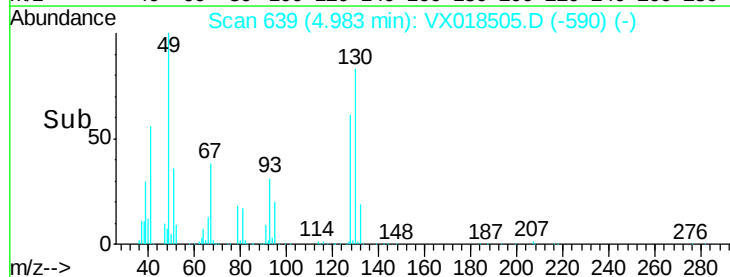
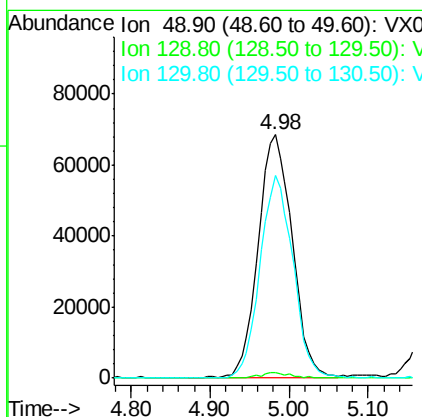
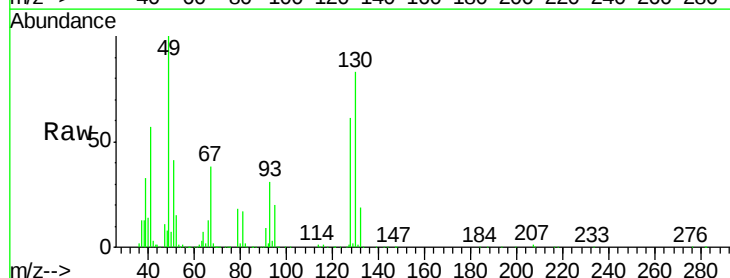
MMDadoda
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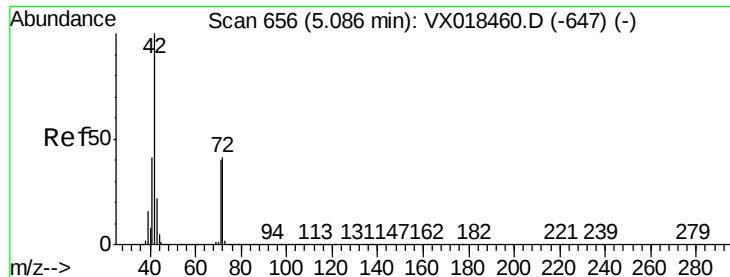


#28

Bromochloromethane
Concen: 46.055 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	206056		
129	2.2	0.0	4.6	
130	80.4	65.0	97.4	





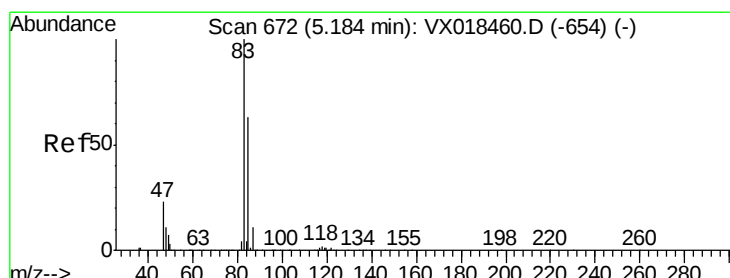
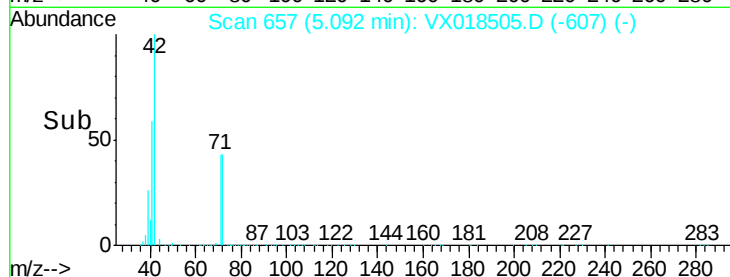
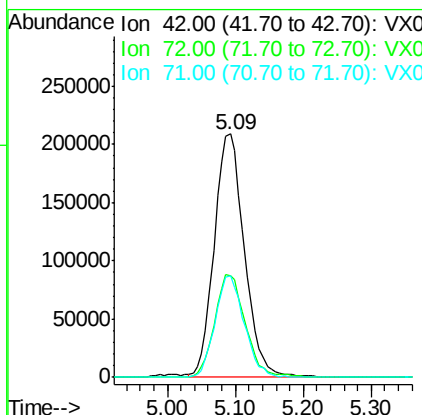
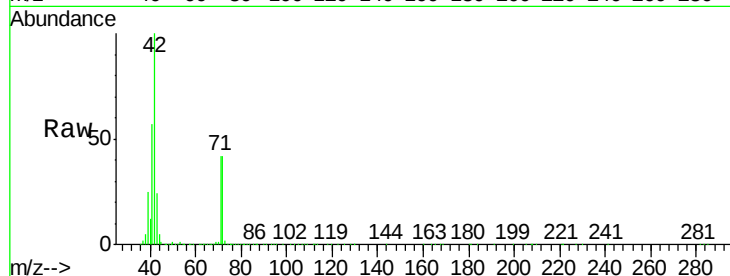
#29
Tetrahydrofuran
Concen: 256.008 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.3	34.3	51.5
71	40.8	32.1	48.1

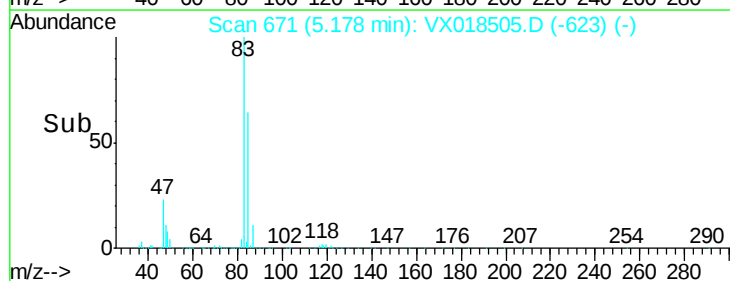
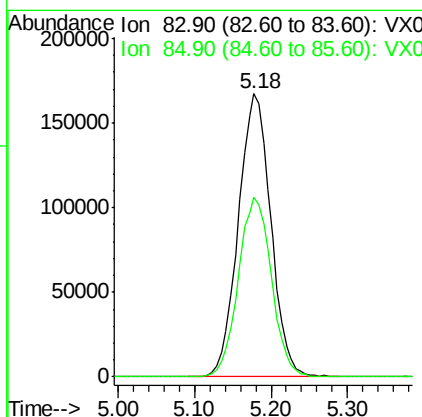
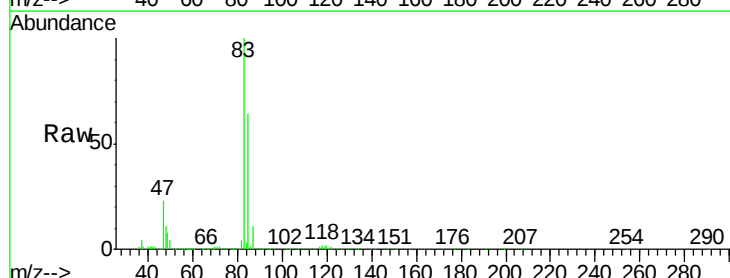
Manual Integrations
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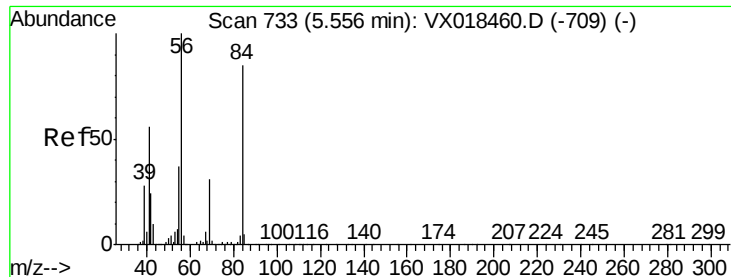
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9/21/2020 11:50:53 AM



#30
Chloroform
Concen: 50.955 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.6	76.0





#31

Cyclohexane

Concen: 48.446 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

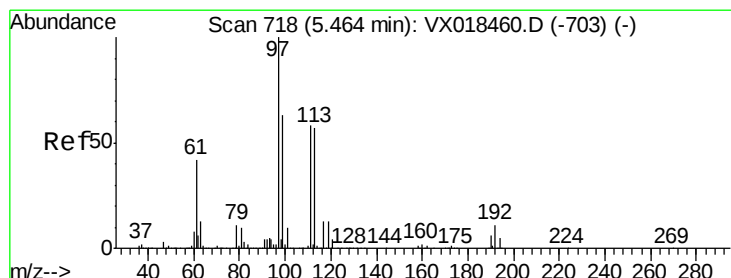
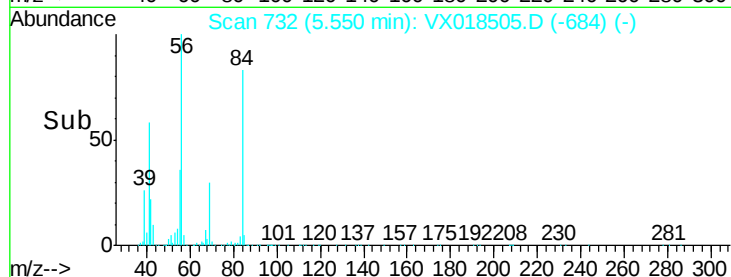
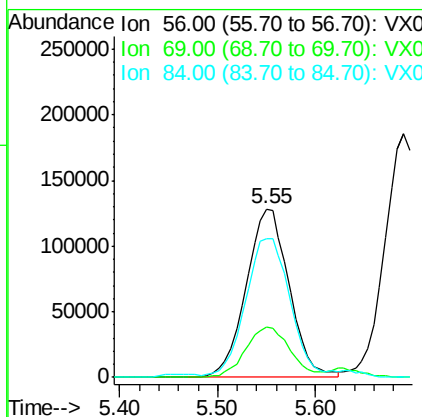
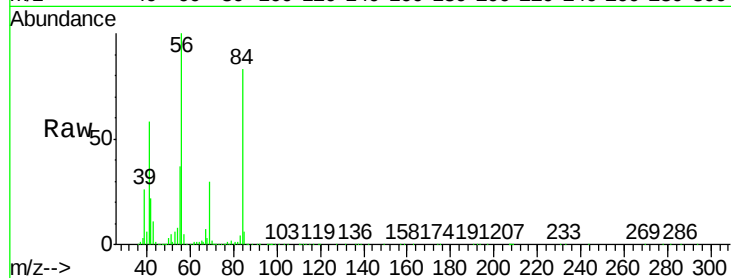
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	389793
Ion Ratio	Lower	Upper	
56	100		
69	30.0	24.8	37.2
84	80.5	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 50.837 ug/l

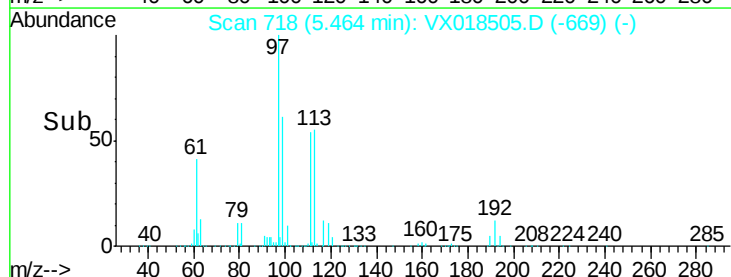
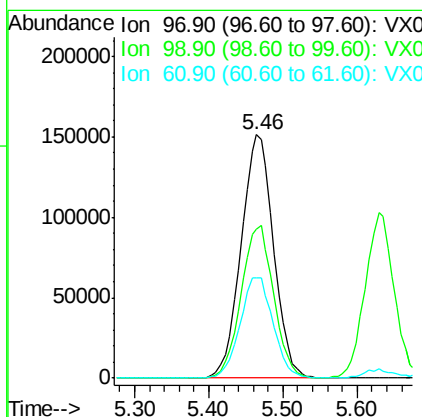
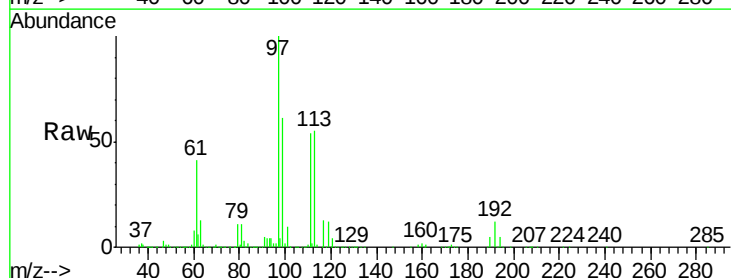
RT: 5.46 min Scan# 718

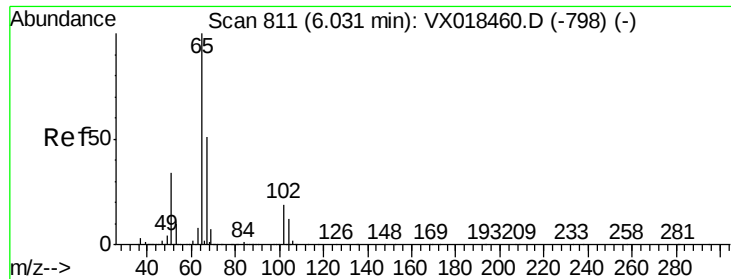
Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	97	Resp:	462678
Ion Ratio	Lower	Upper	
97	100		
99	62.8	50.5	75.7
61	42.2	33.4	50.2





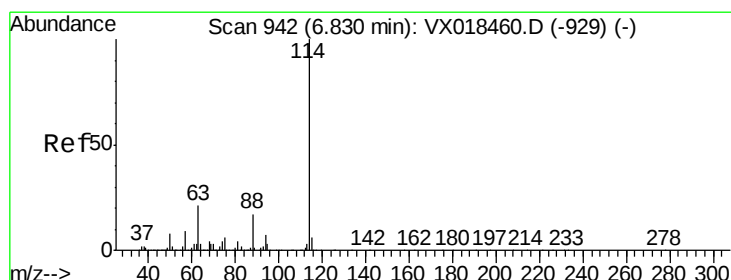
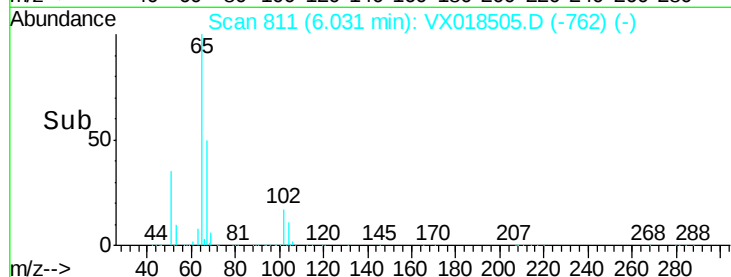
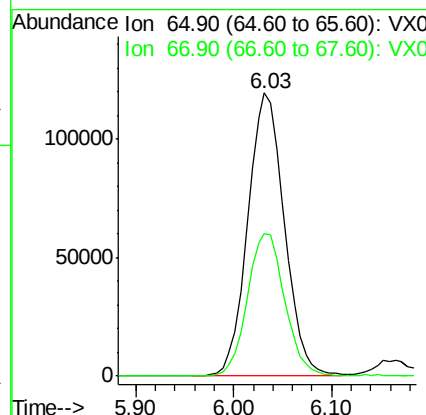
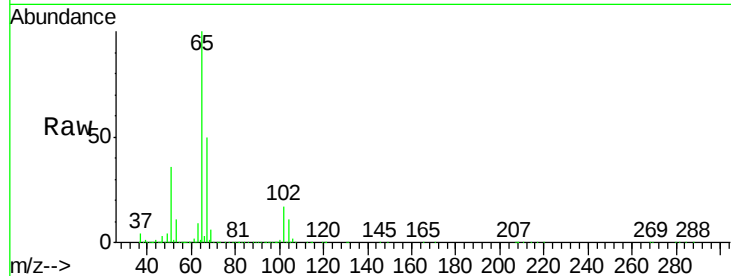
#33
 1,2-Dichloroethane-d4
 Concen: 46.696 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	310469		
67	51.3	0.0	105.6	

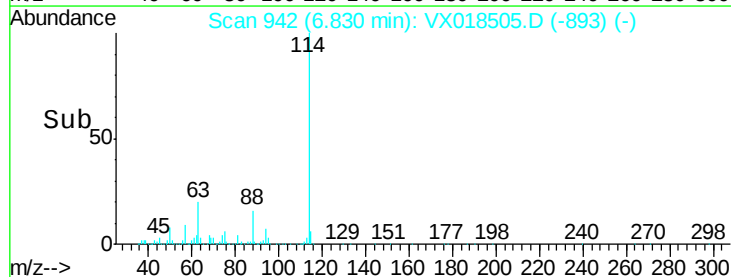
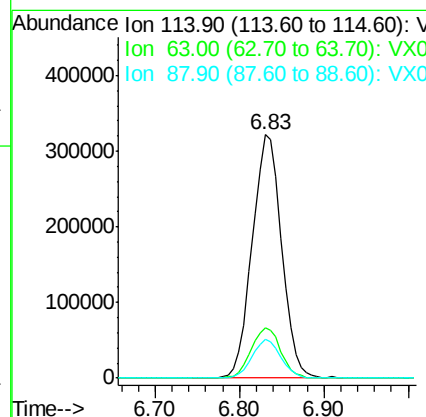
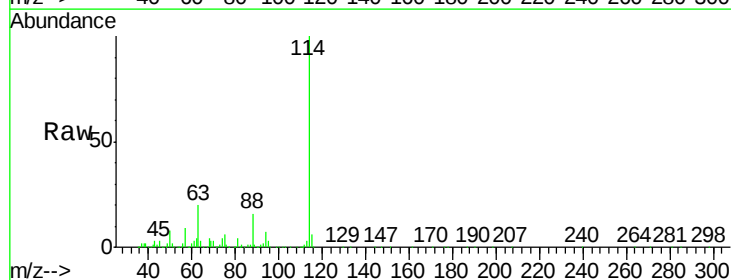
Manual Integrations
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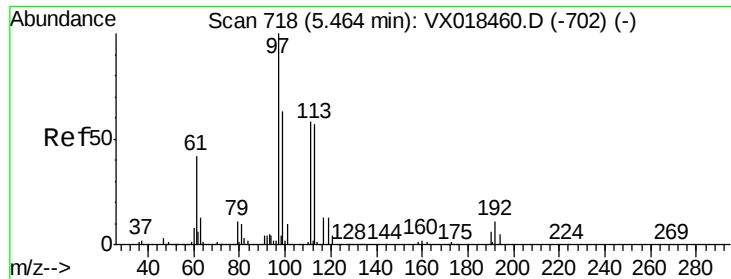
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	767397		
63	20.4	0.0	42.8	
88	15.7	0.0	33.6	





#35

Dibromofluoromethane

Concen: 45.184 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

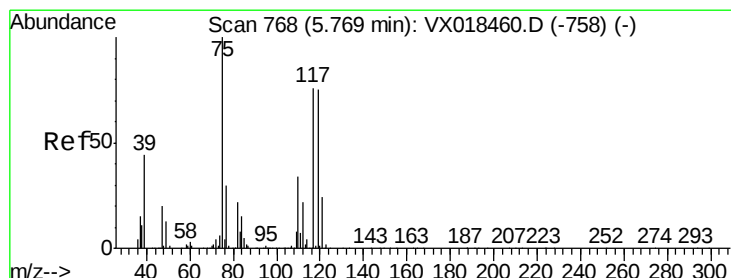
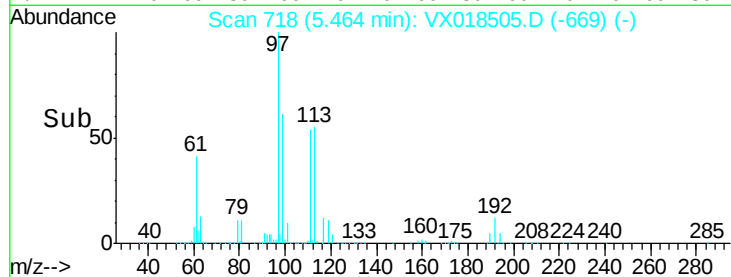
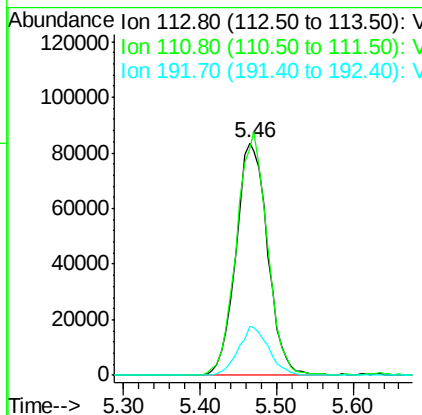
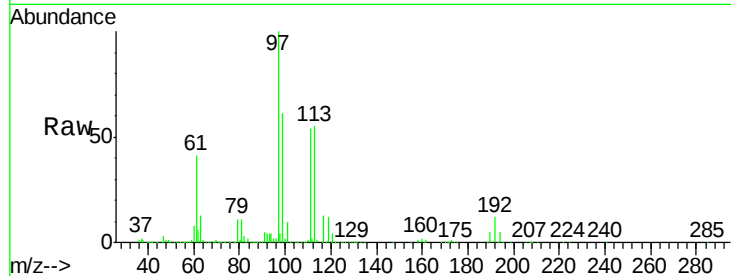
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	239707
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.4	122.2
192	20.3	16.6	24.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 47.829 ug/l

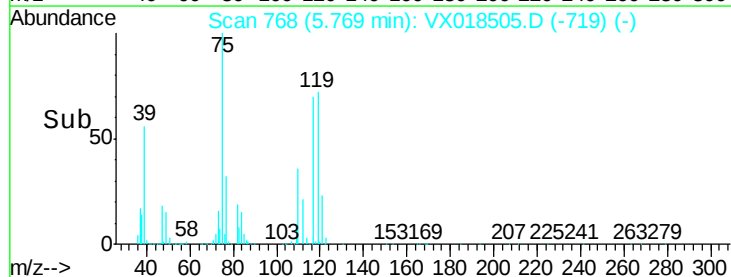
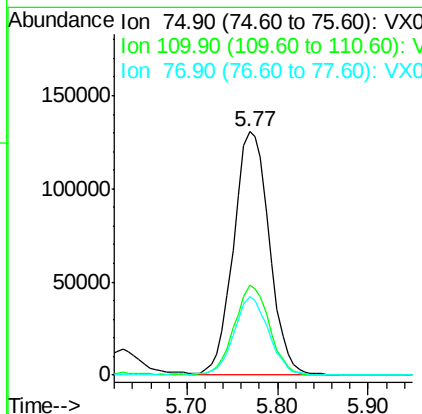
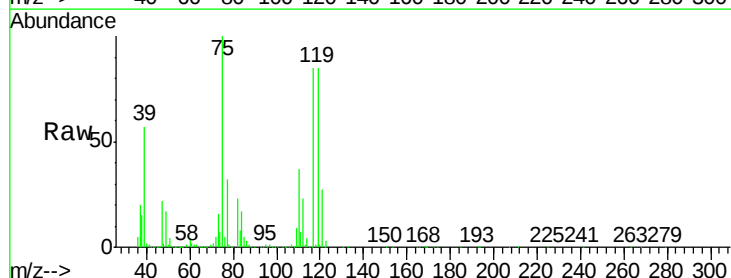
RT: 5.77 min Scan# 768

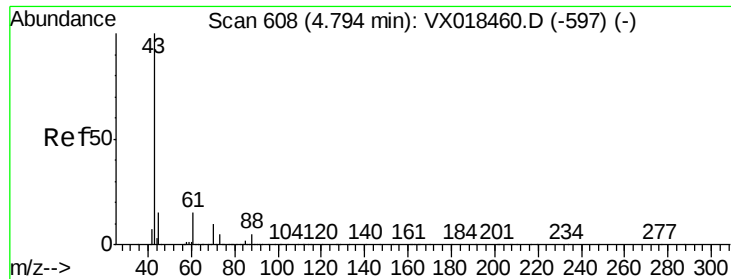
Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	75	Resp:	356249
Ion Ratio	Lower	Upper	
75	100		
110	36.5	17.6	52.8
77	31.8	25.0	37.6





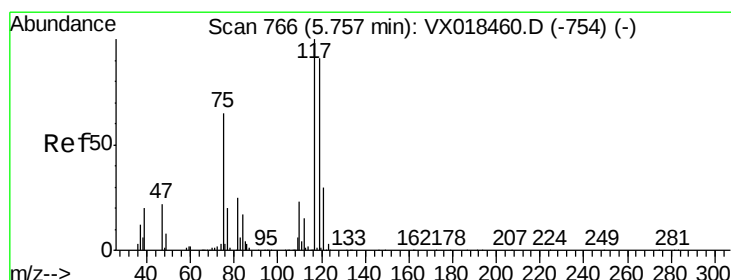
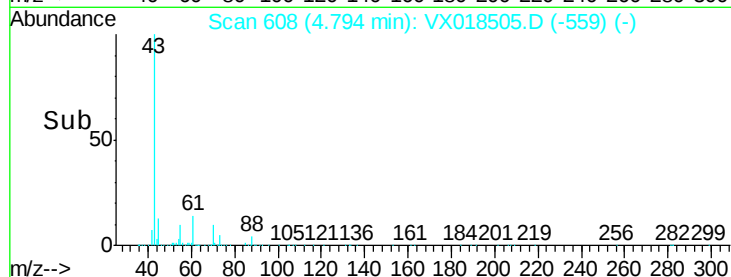
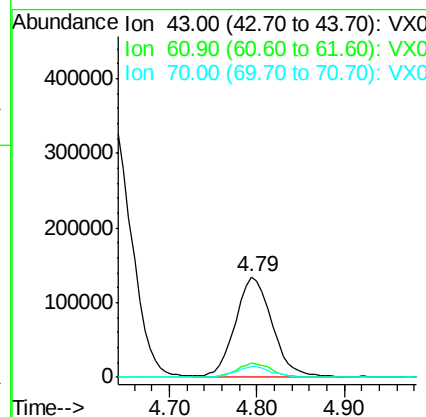
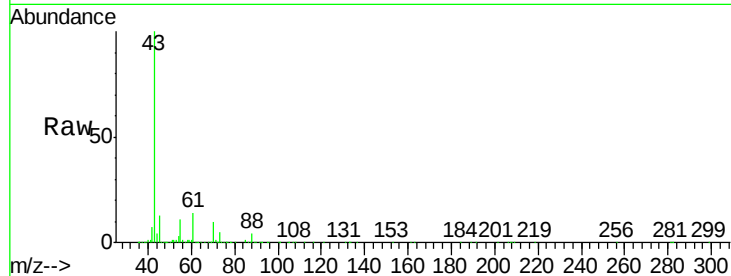
#37
Ethyl Acetate
Concen: 49.000 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	389737
Ion Ratio	Lower	Upper	
43	100		
61	13.2	10.9	16.3
70	10.8	8.3	12.5

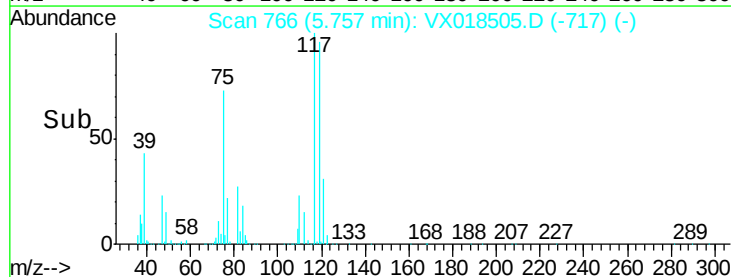
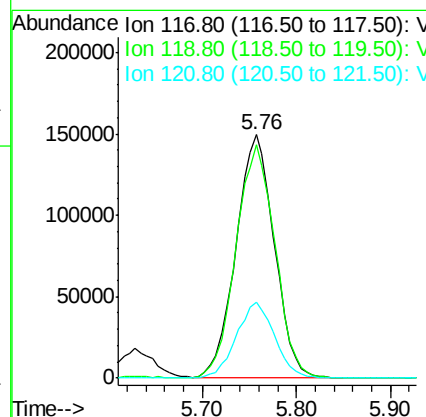
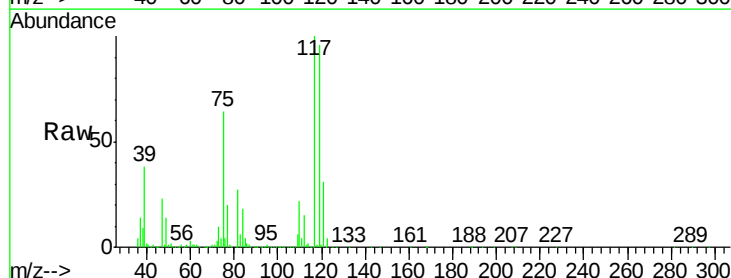
Manual Integrations
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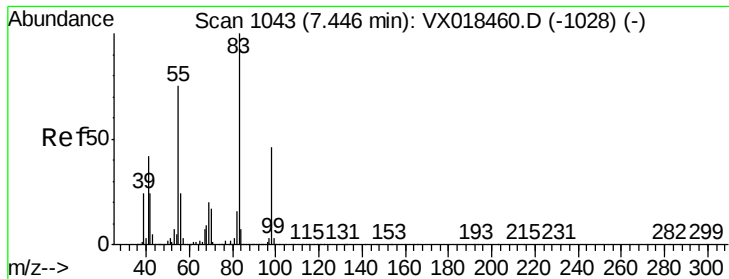
MMDadoda
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#38
Carbon Tetrachloride
Concen: 51.006 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	117	Resp	420755
Ion Ratio	Lower	Upper	
117	100		
119	95.7	72.3	108.5
121	31.3	23.8	35.8





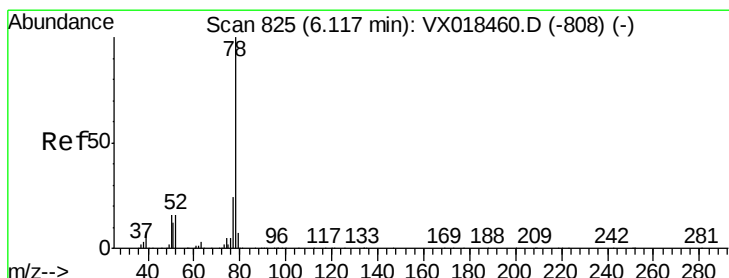
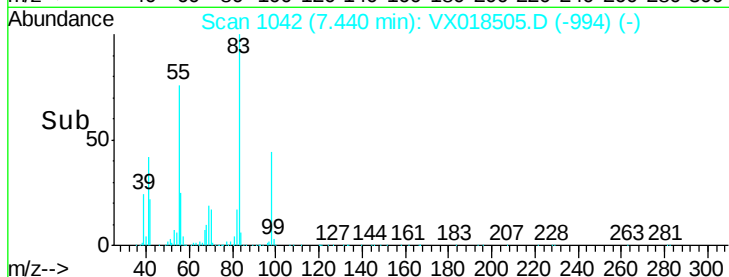
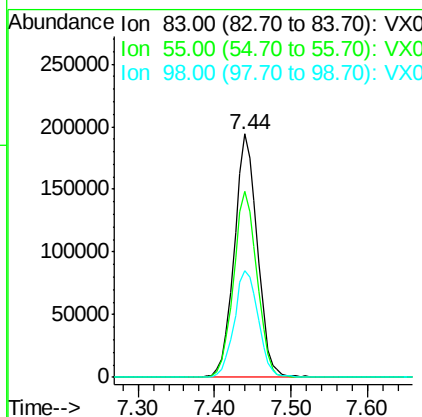
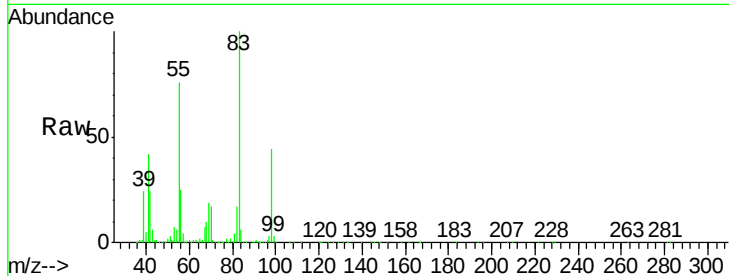
#39
Methvlcvclohexane
Concen: 48.279 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.2	60.2	90.4
98	43.8	36.4	54.6

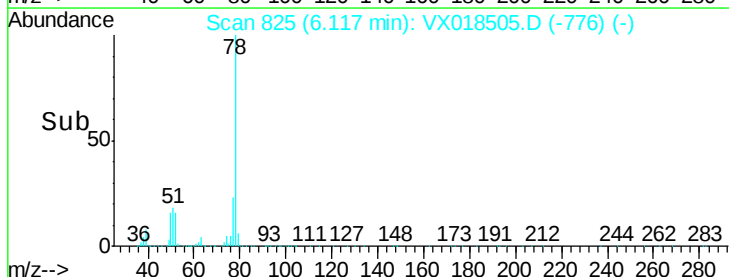
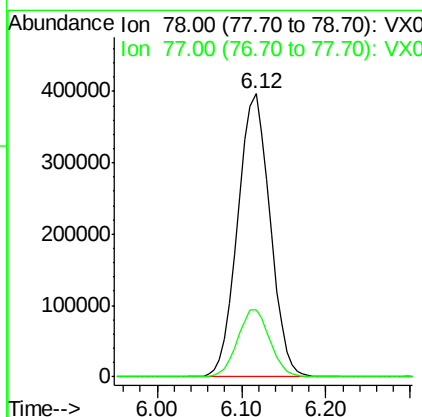
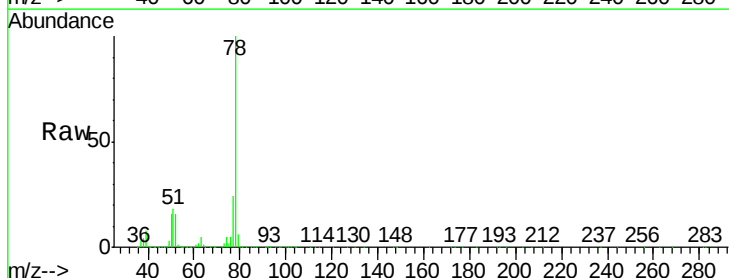
Manual Integrations
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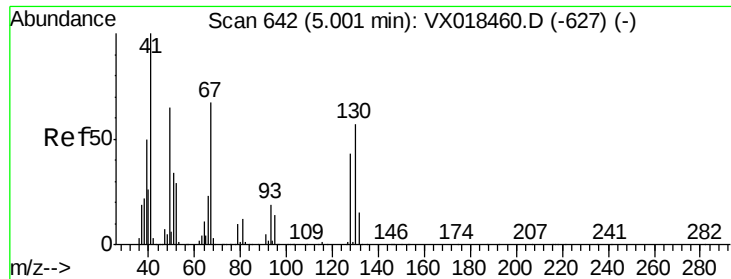
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#40
Benzene
Concen: 48.100 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





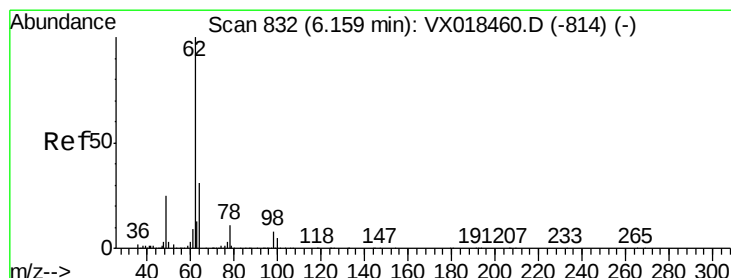
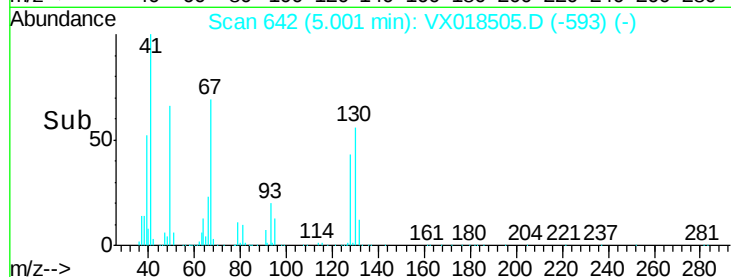
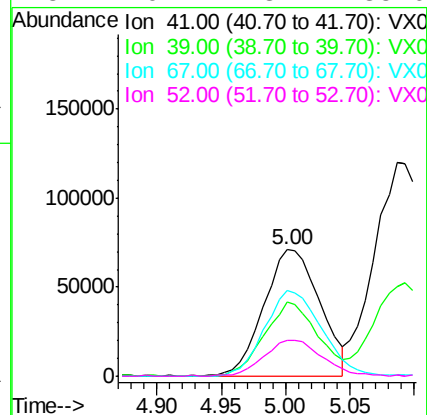
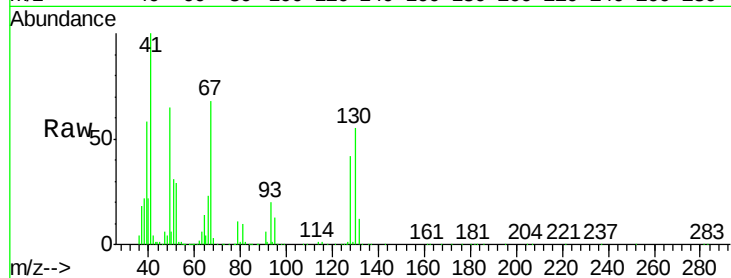
#41
Methacrylonitrile
Concen: 48.362 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.8	45.3	67.9	
67	70.1	56.7	85.1	
52	29.2	23.4	35.0	

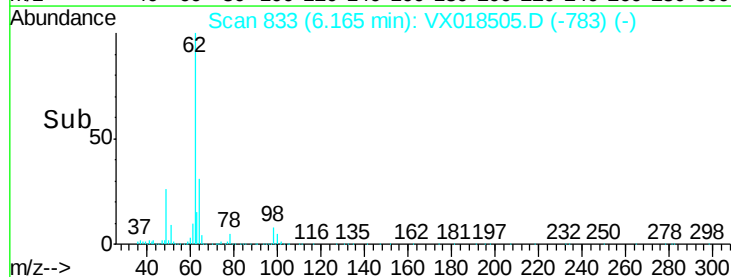
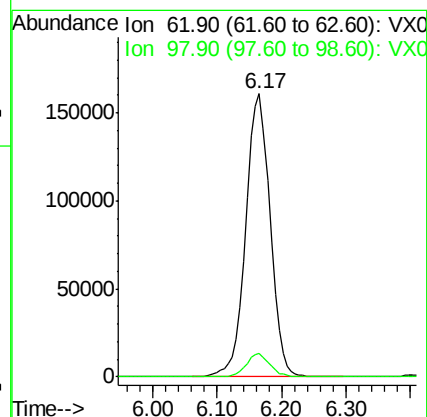
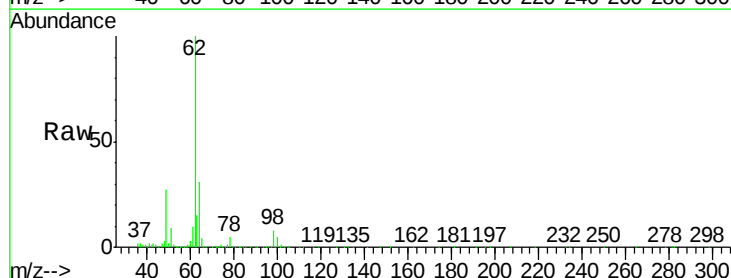
Manual Integrations
APPROVED

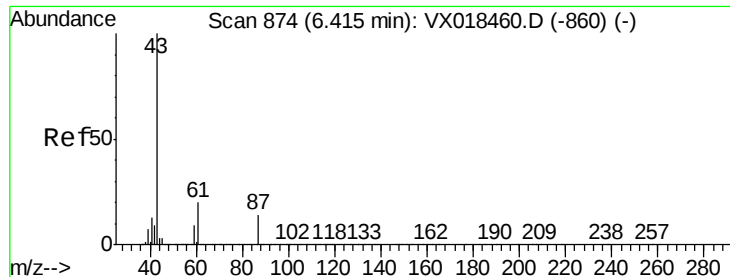
MMDadoda
9/21/2020 11:50:53 AM



#42
1,2-Dichloroethane
Concen: 50.338 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

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





#43

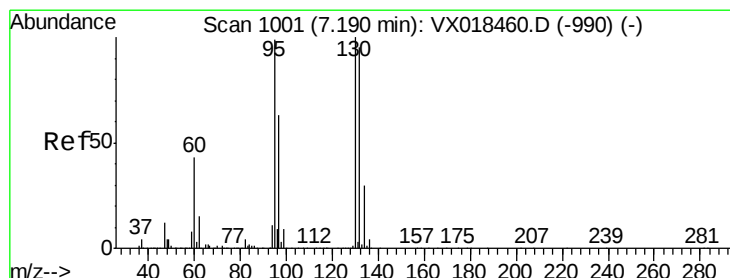
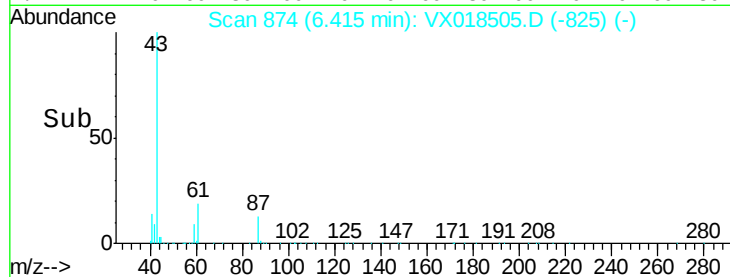
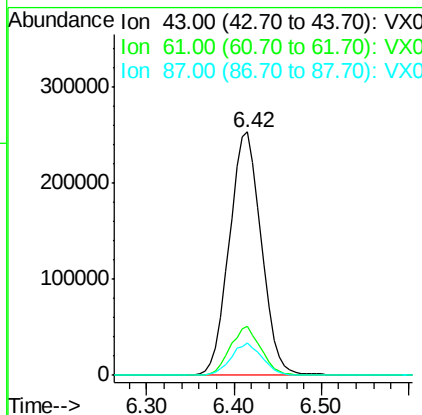
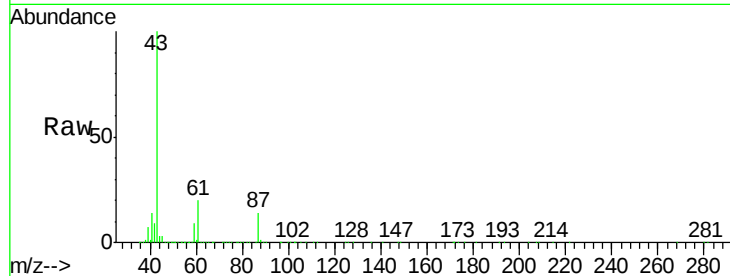
Isopropyl Acetate
 Concen: 48.693 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.7	23.5
87	13.1	10.4	15.6

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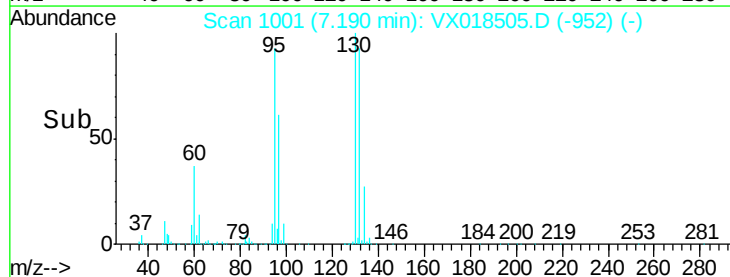
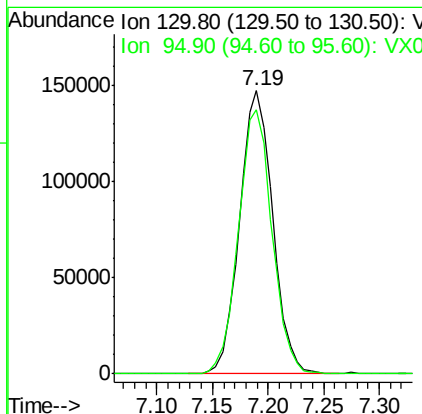
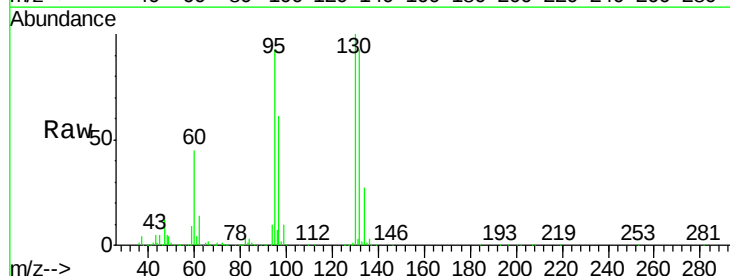
MMDadoda
 9/21/2020 11:50:53 AM

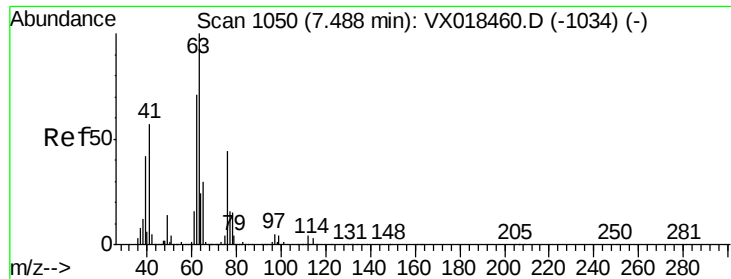


#44

Trichloroethene
 Concen: 49.151 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 47.992 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 281179

Ion Ratio Lower Upper

63 100

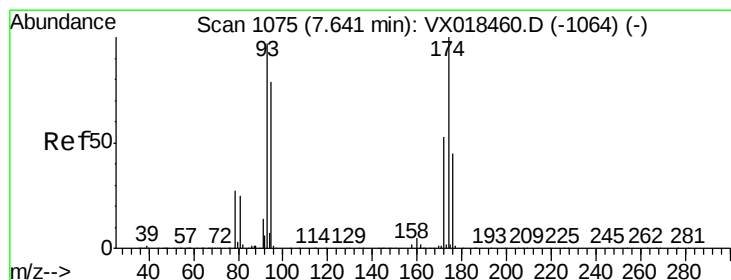
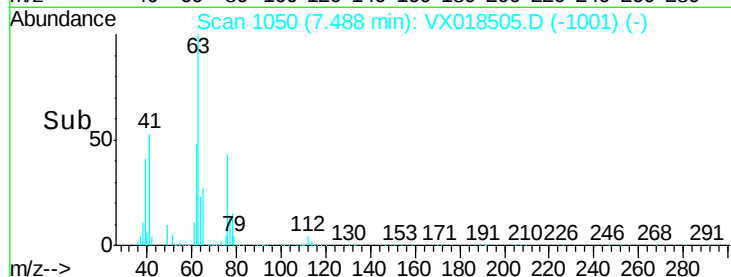
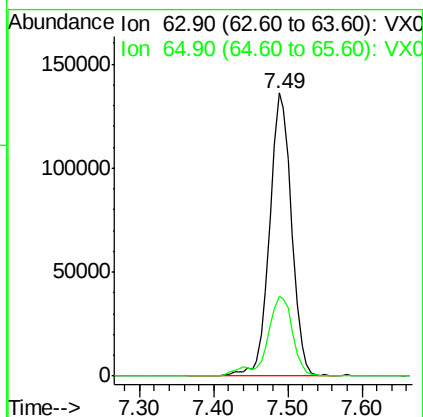
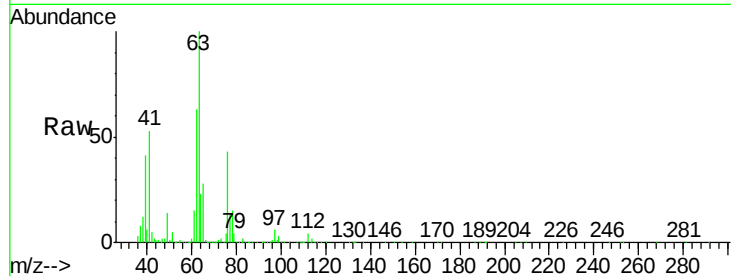
65 28.2 24.1 36.1

Manual Integrations

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9/21/2020 11:50:53 AM



#46

Dibromomethane

Concen: 49.245 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

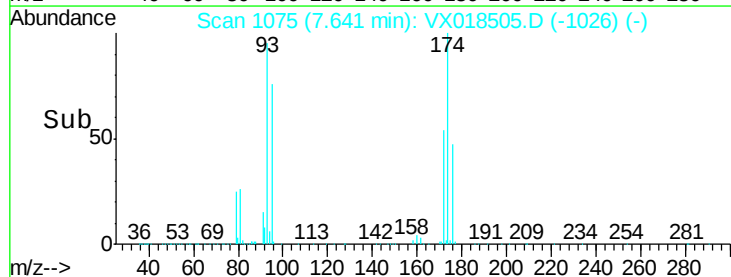
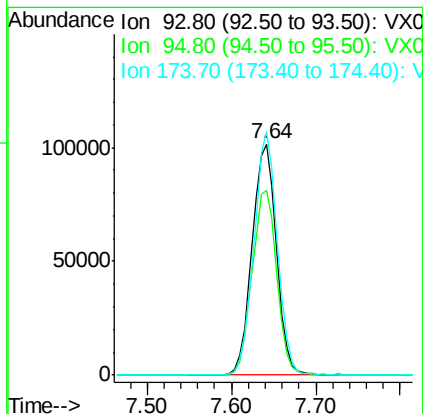
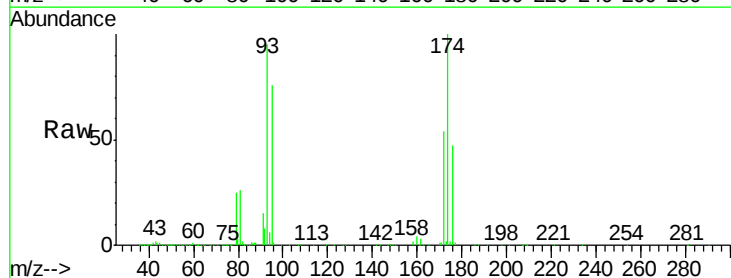
Tgt Ion: 93 Resp: 198223

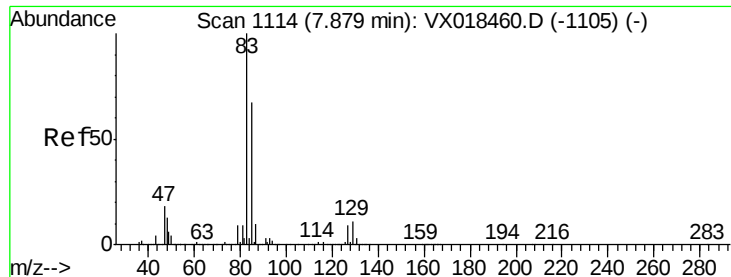
Ion Ratio Lower Upper

93 100

95 80.9 65.0 97.4

174 101.9 82.0 123.0





#47

Bromodichloromethane

Concen: 50.155 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

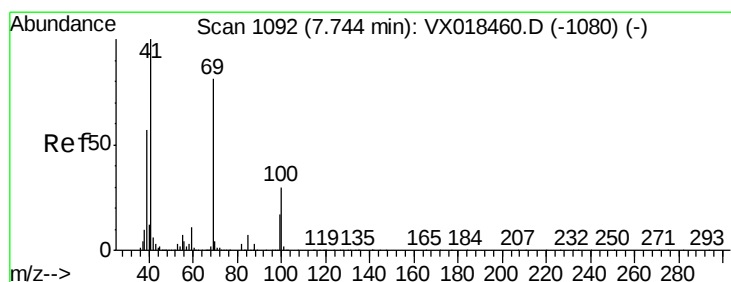
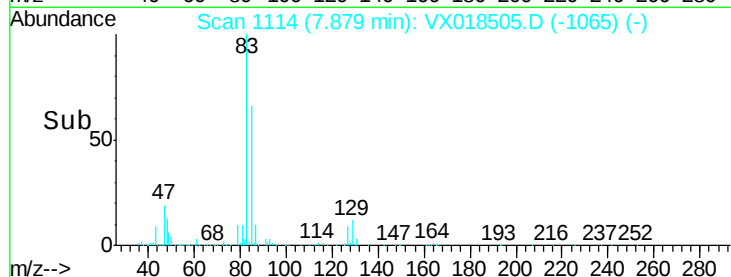
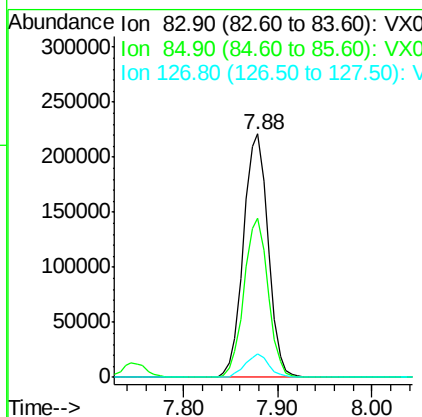
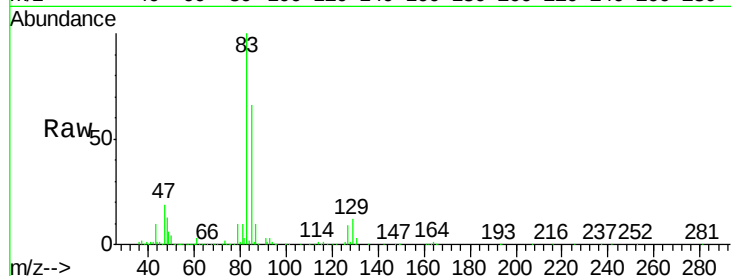
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	406874
Ion Ratio	Lower	Upper	
83	100		
85	65.5	53.3	79.9
127	9.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.021 ug/l

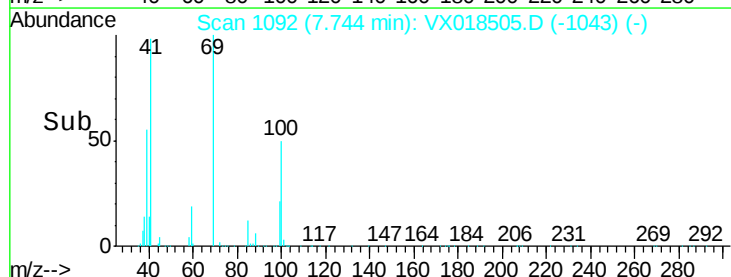
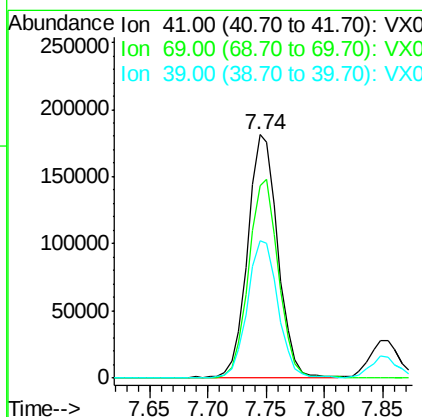
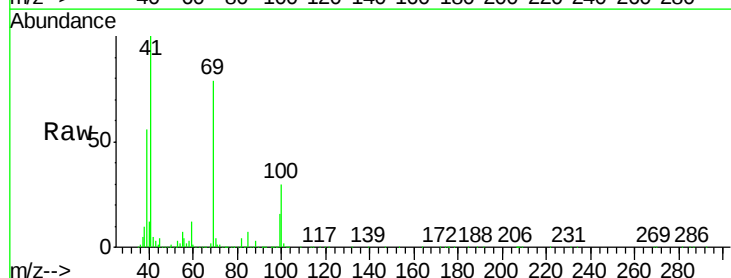
RT: 7.74 min Scan# 1092

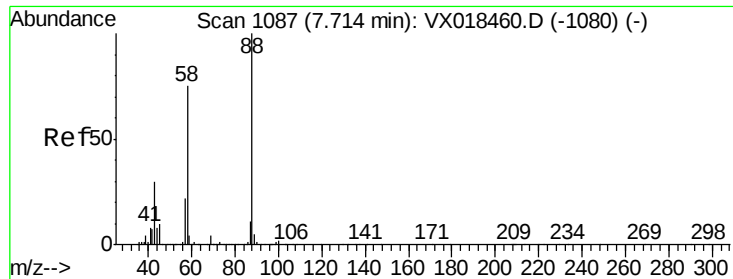
Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	41	Resp:	327779
Ion Ratio	Lower	Upper	
41	100		
69	80.7	63.7	95.5
39	57.3	45.0	67.4





#49

1,4-Dioxane

Concen: 918.146 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

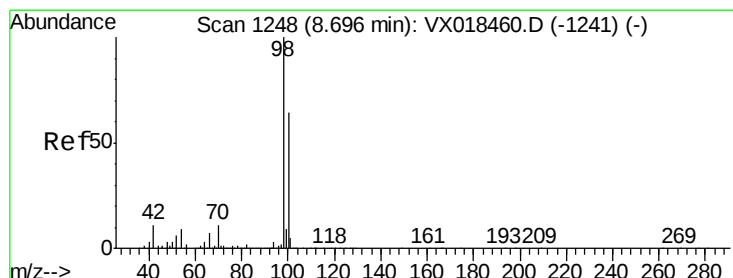
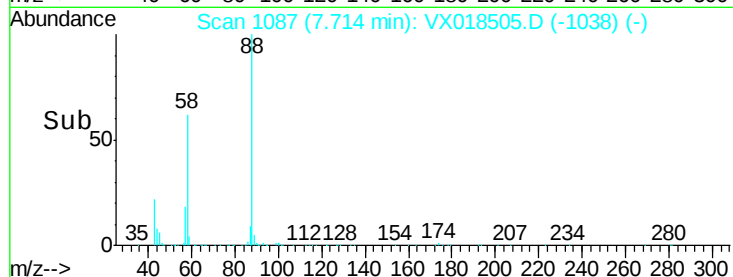
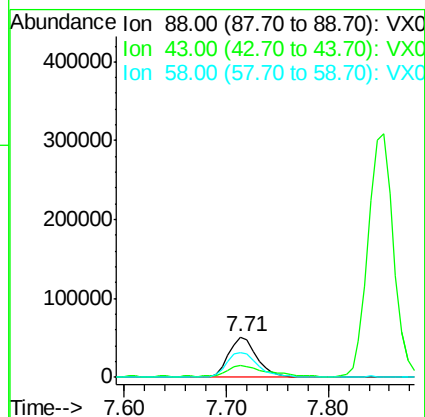
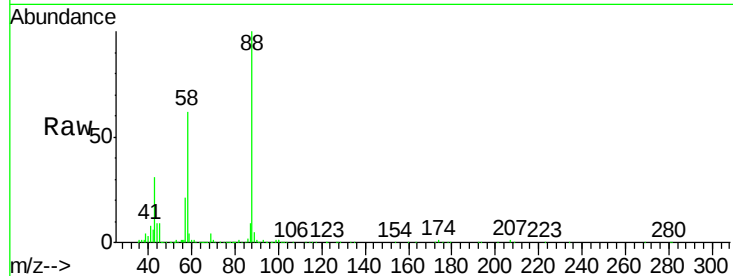
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	97463
Ion	Ratio	Lower	Upper
88	100		
43	37.5	29.9	44.9
58	69.9	59.0	88.6

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#50

Toluene-d8

Concen: 44.635 ug/l

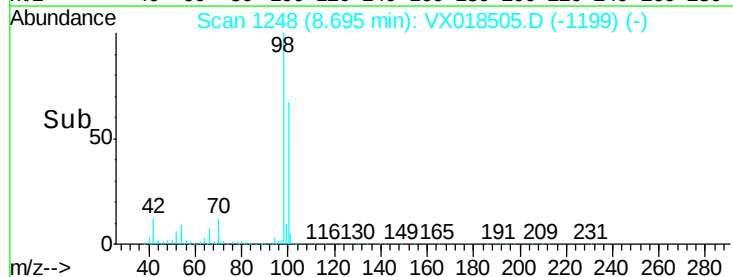
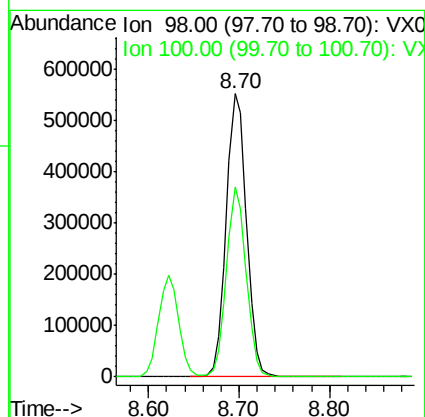
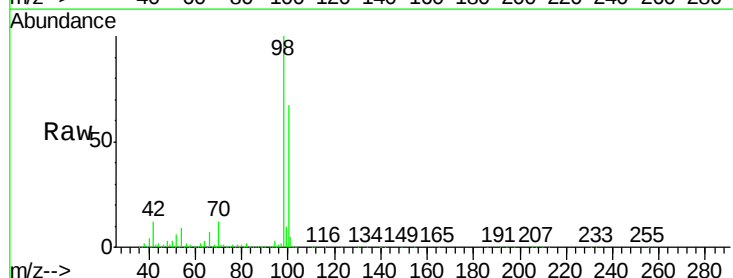
RT: 8.70 min Scan# 1248

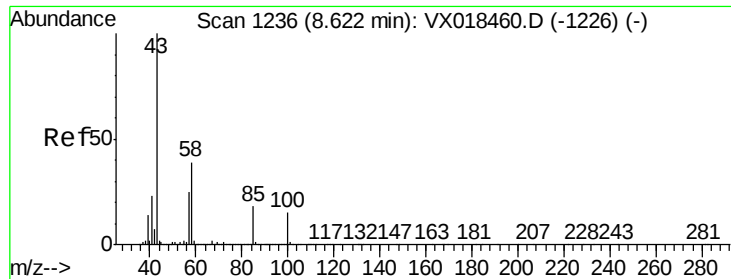
Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	98	Resp:	860354
Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 256.077 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 43 Resp: 2012455

Ion Ratio Lower Upper

43 100

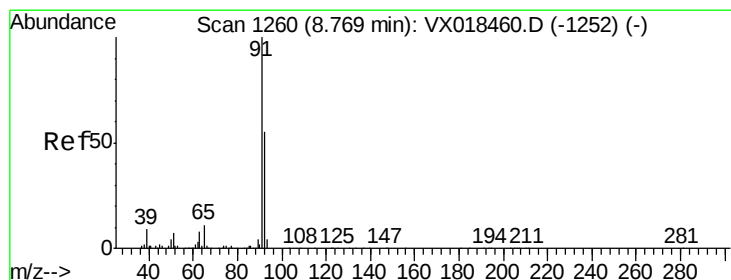
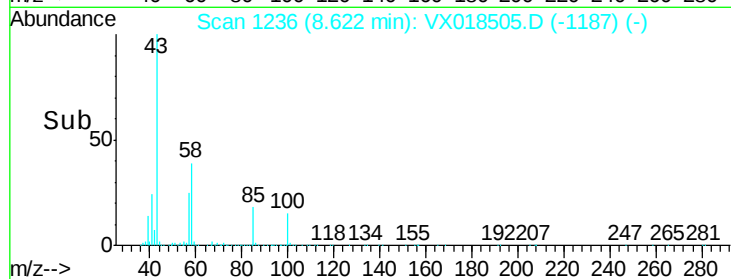
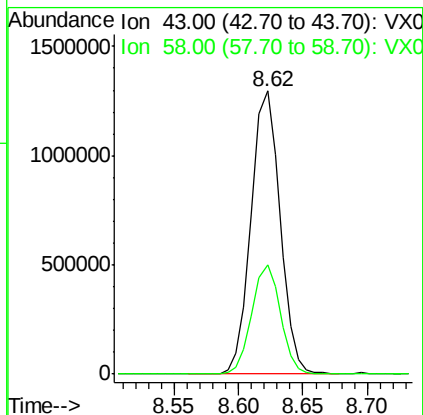
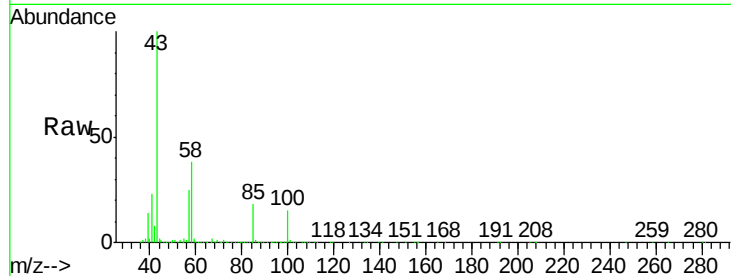
58 38.2 30.9 46.3

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#52

Toluene

Concen: 49.064 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018505.D

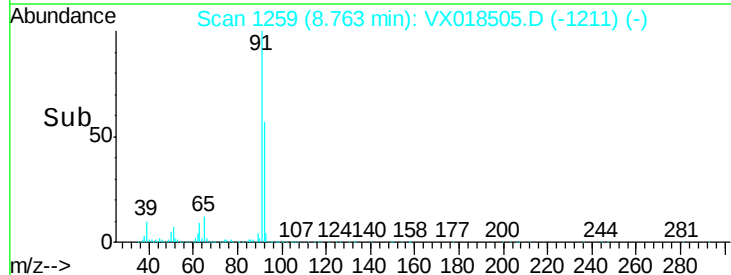
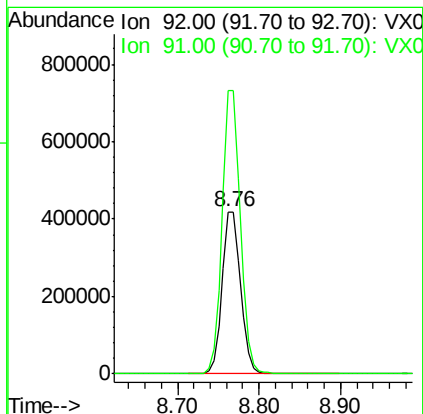
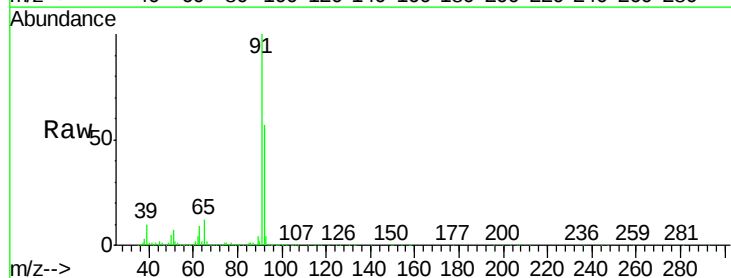
Acq: 18 Sep 2020 20:05

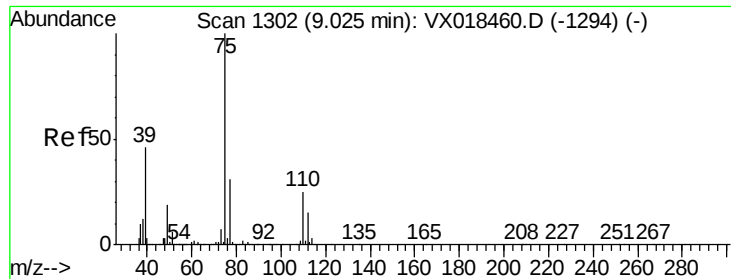
Tgt Ion: 92 Resp: 659048

Ion Ratio Lower Upper

92 100

91 172.5 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 48.332 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tot Ion: 75 Resp: 445514

Ion Ratio Lower Upper

75 100

77 30.0 25.1 37.7

Instrument :

MSVOA_X

ClientSampleId :

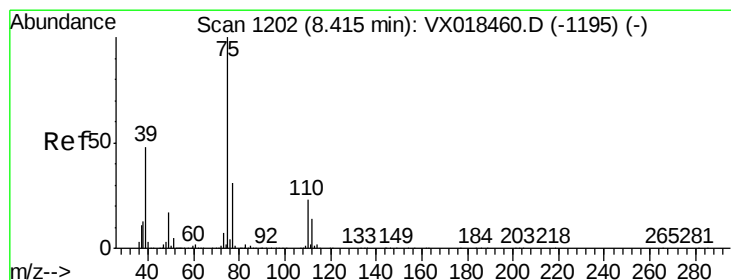
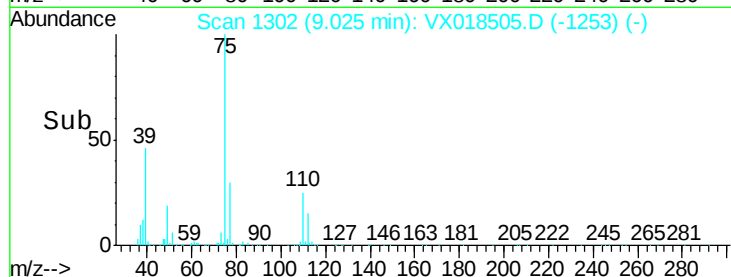
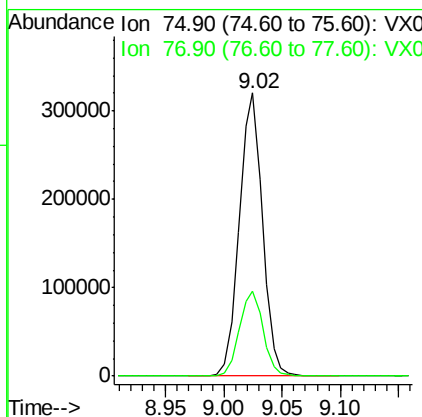
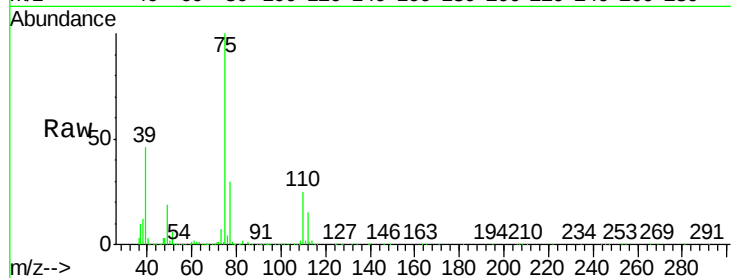
VSTDCCC050EC

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#54

cis-1,3-Dichloropropene

Concen: 48.845 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

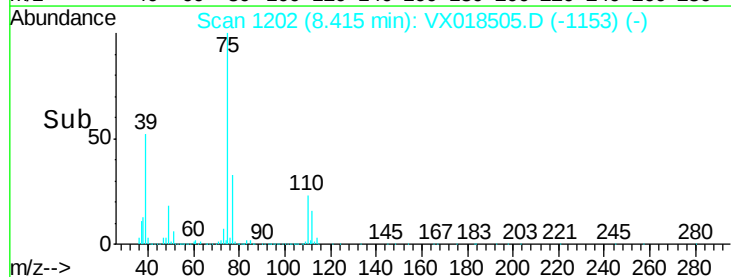
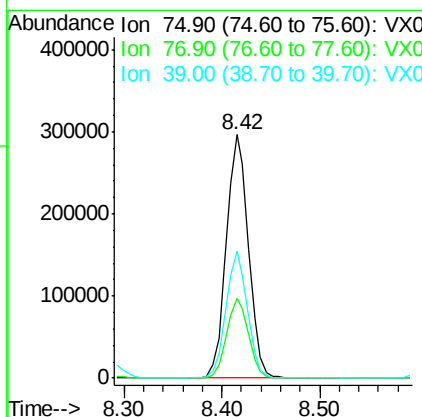
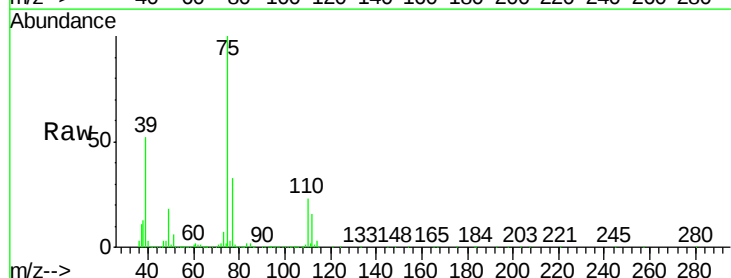
Tgt Ion: 75 Resp: 463844

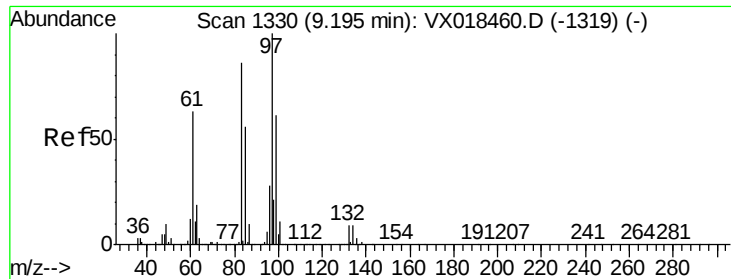
Ion Ratio Lower Upper

75 100

77 33.0 24.8 37.2

39 52.4 38.6 58.0





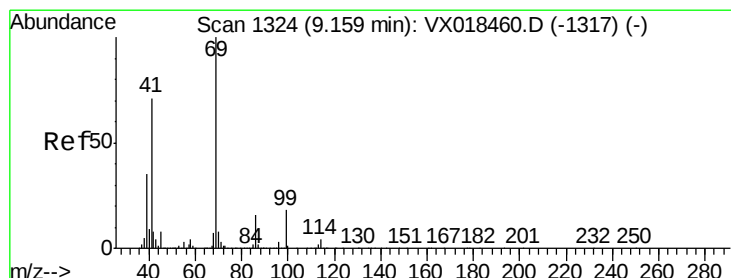
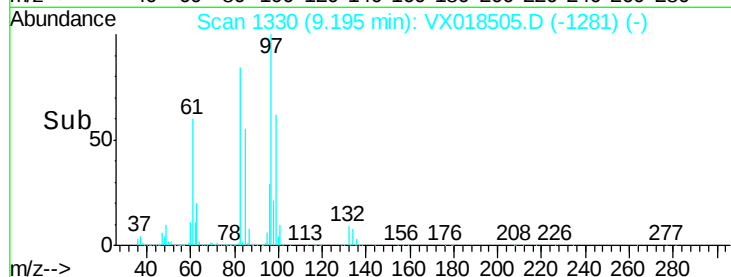
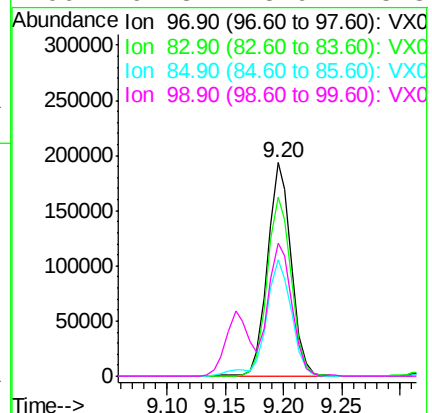
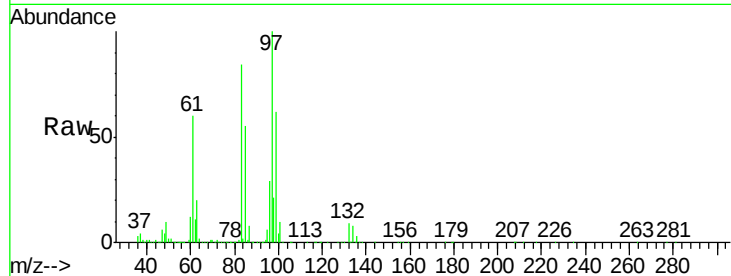
#55
 1,1,2-Trichloroethane
 Concen: 49.314 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		274866		
83	83.8	68.5	102.7		
85	54.5	44.8	67.2		
99	62.3	48.9	73.3		

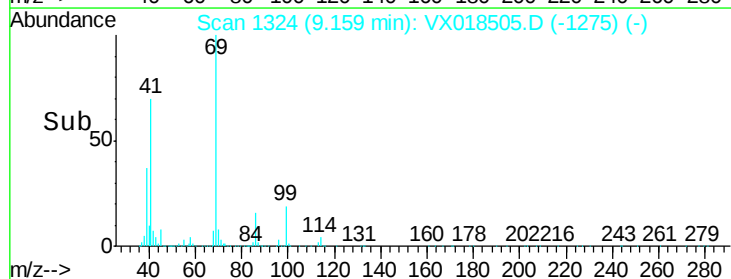
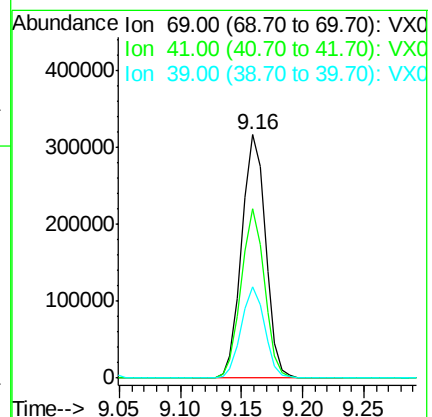
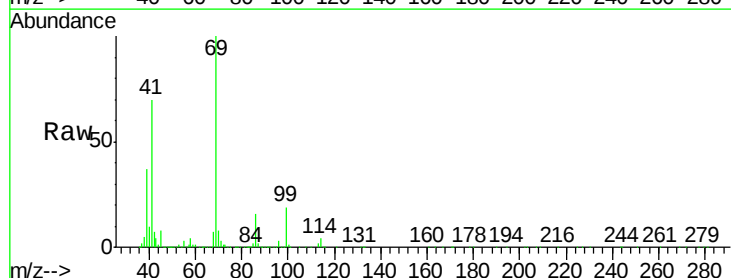
Manual Integrations
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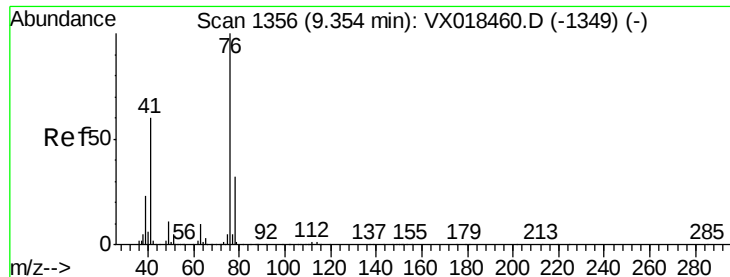
MMDadoda
 9/21/2020 11:50:53 AM



#56
 Ethyl methacrylate
 Concen: 51.860 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		428606		
41	68.0	54.6	81.8		
39	36.6	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 49.028 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 459127

Ion Ratio Lower Upper

76 100

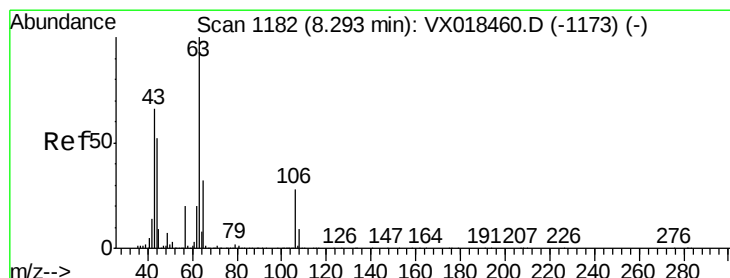
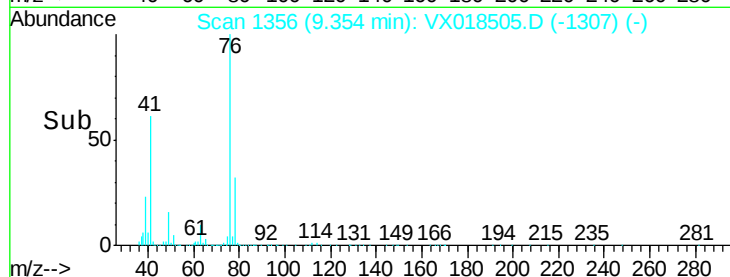
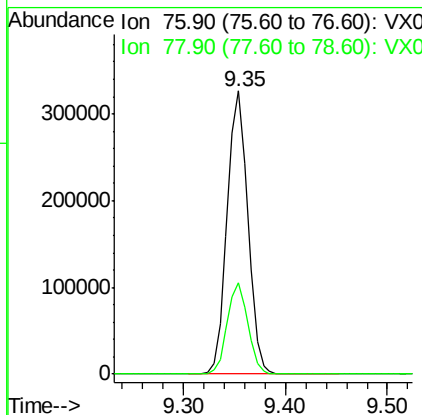
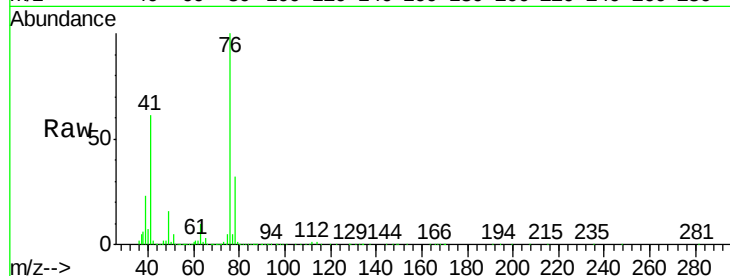
78 31.9 25.6 38.4

Manual Integrations

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9/21/2020 11:50:53 AM



#58

2-Chloroethyl Vinyl ether

Concen: 245.875 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018505.D

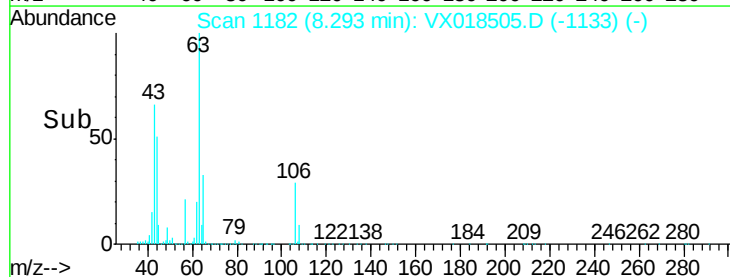
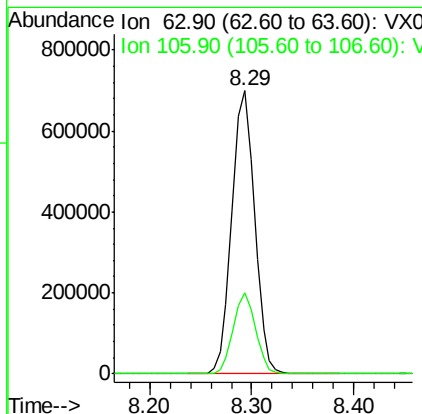
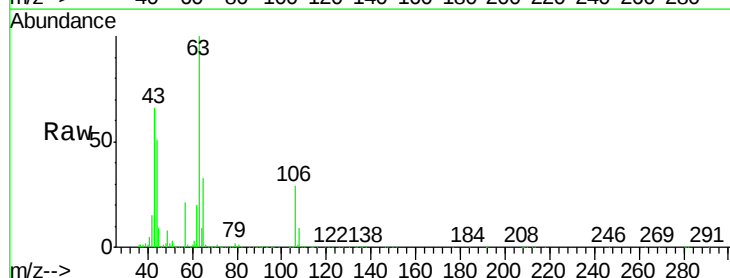
Acq: 18 Sep 2020 20:05

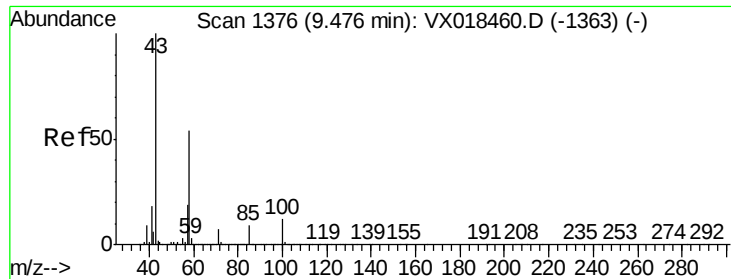
Tgt Ion: 63 Resp: 1080377

Ion Ratio Lower Upper

63 100

106 28.2 22.2 33.2





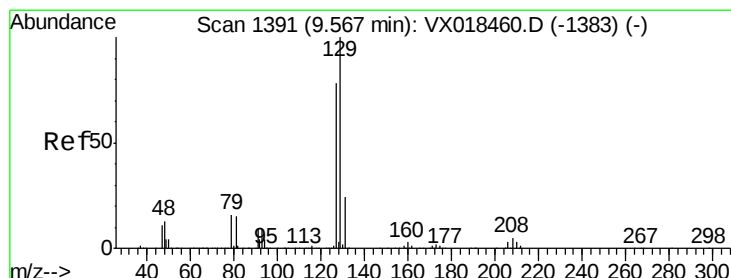
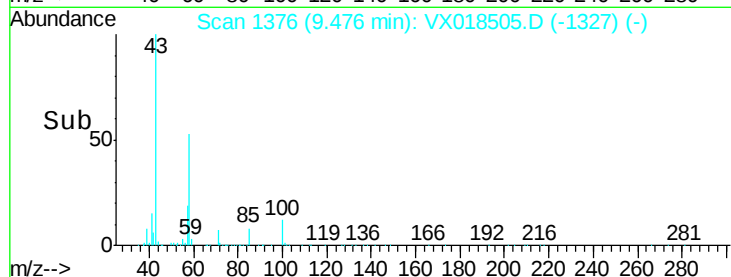
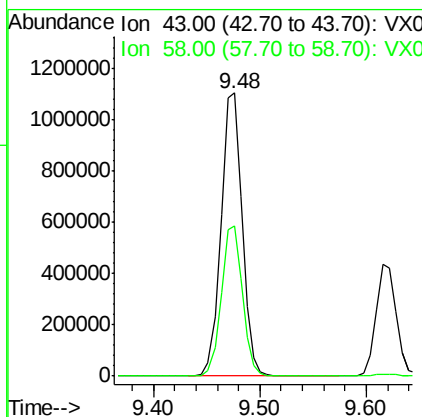
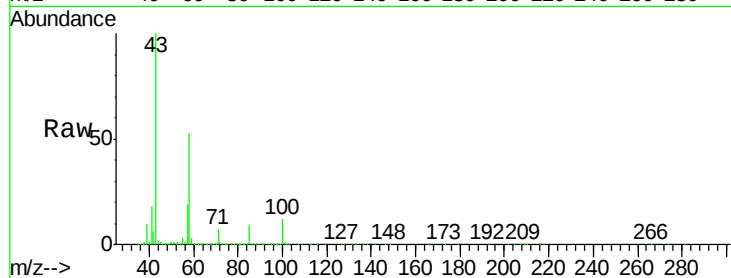
#59
2-Hexanone
Concen: 256.698 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1534400
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.4

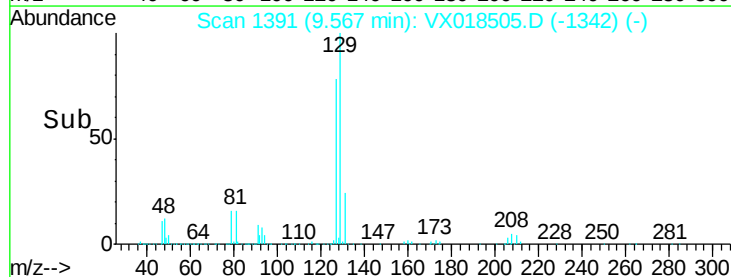
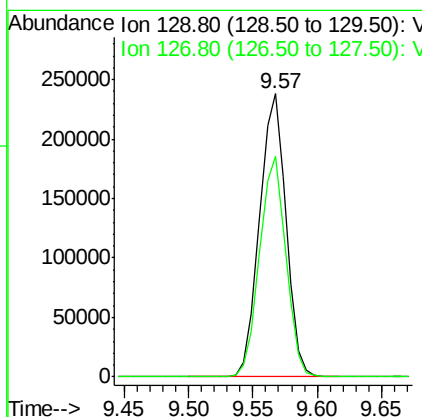
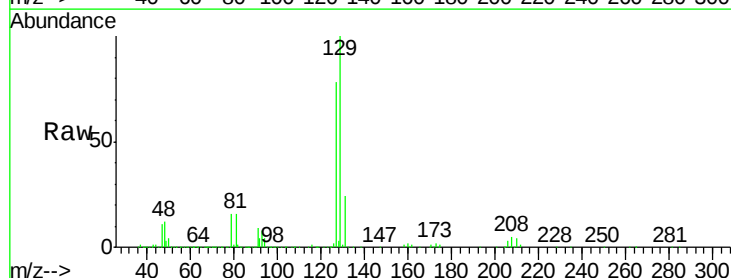
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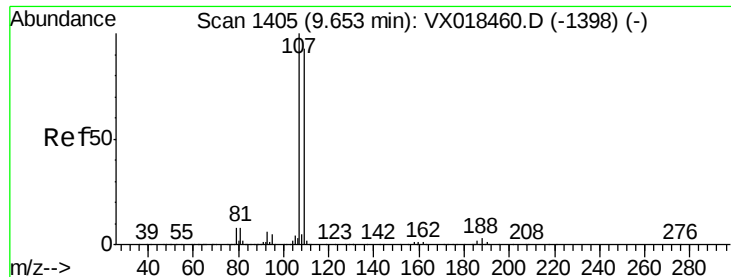
MMDadoda
9/21/2020 11:50:53 AM



#60
Dibromochloromethane
Concen: 50.849 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 129 Resp: 337955
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0





#61

1,2-Dibromoethane

Concen: 50.804 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 301290

Ion Ratio Lower Upper

107 100

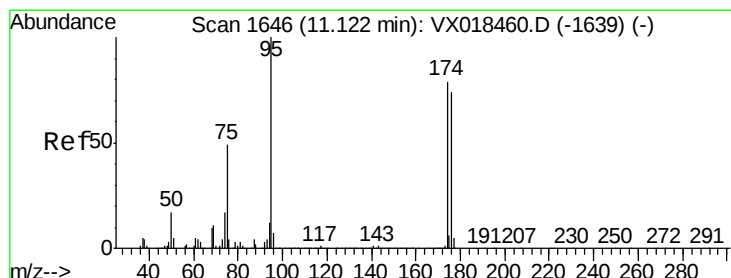
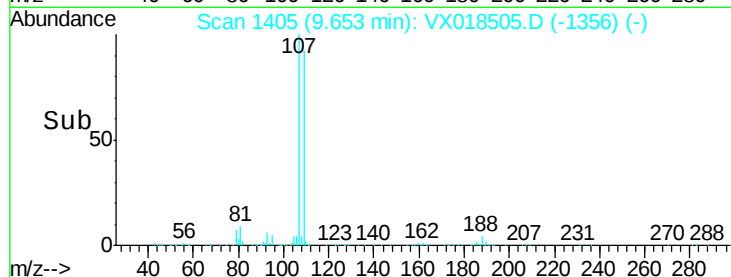
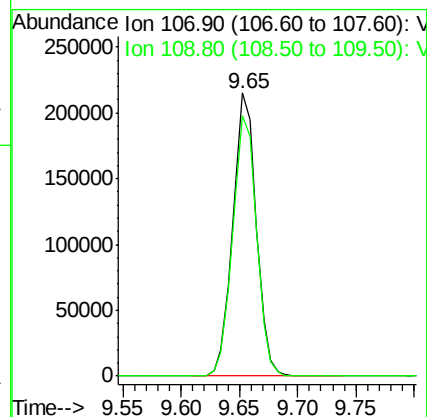
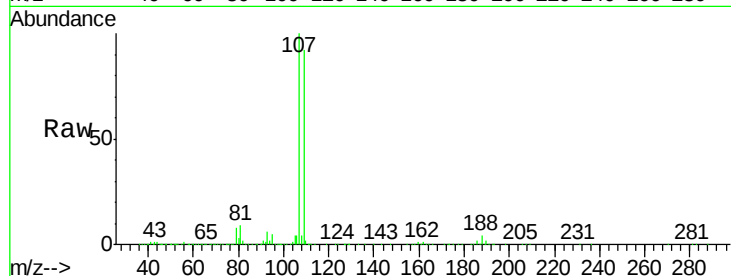
109 94.5 75.9 113.9

Manual Integrations

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MMDadoda

9/21/2020 11:50:53 AM



#62

4-Bromofluorobenzene

Concen: 45.534 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

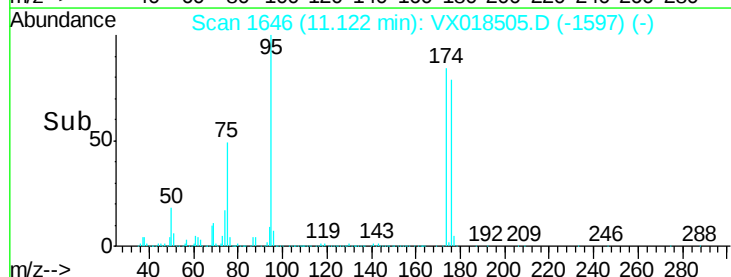
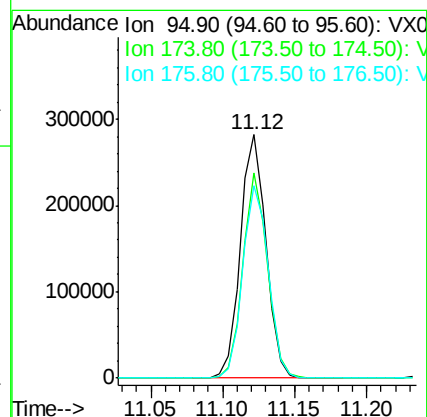
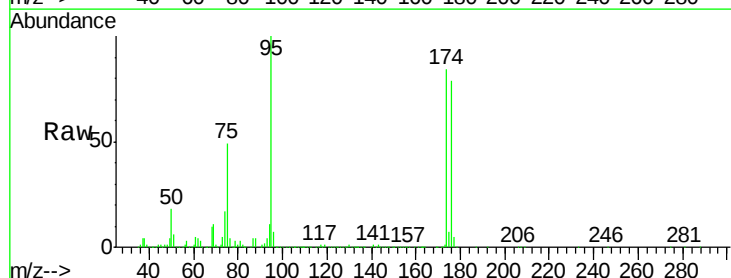
Tgt Ion: 95 Resp: 349119

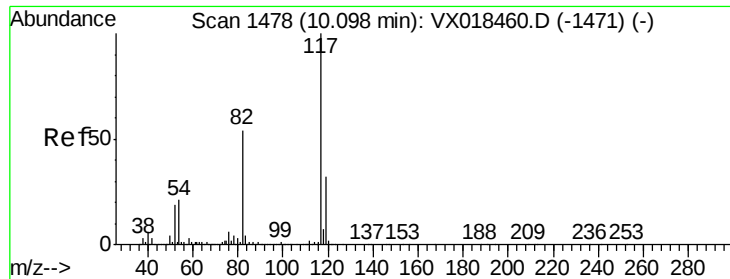
Ion Ratio Lower Upper

95 100

174 81.0 0.0 161.4

176 79.3 0.0 151.4





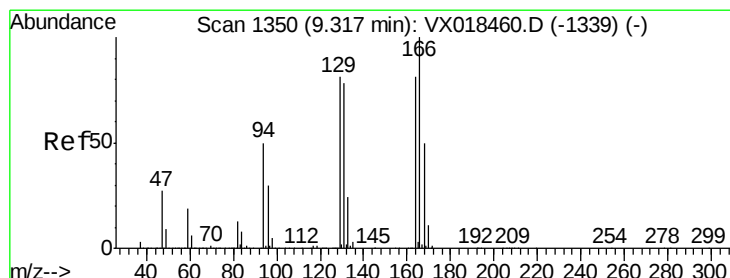
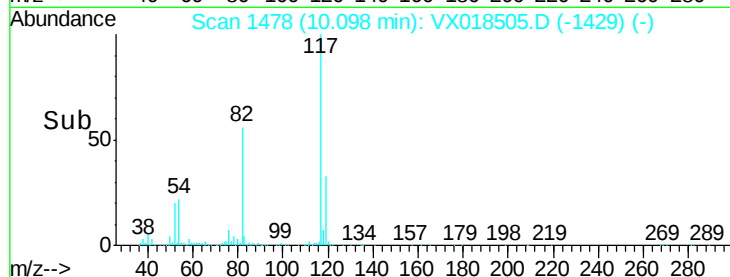
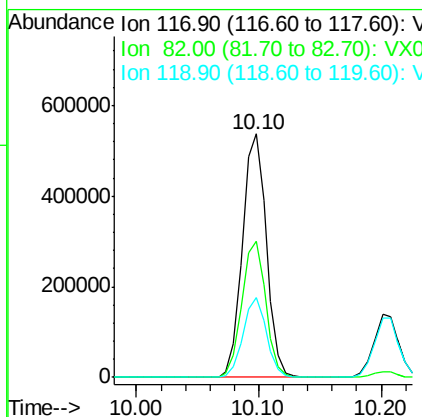
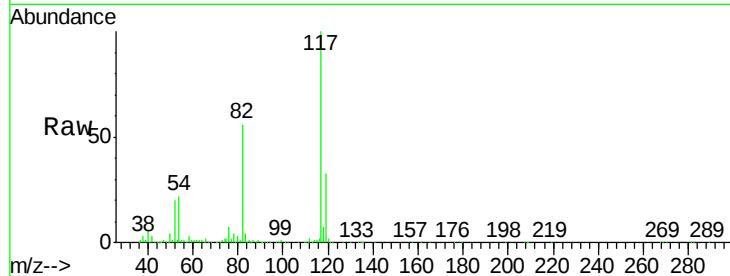
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	728234		
82	55.9		43.3	64.9
119	32.8		25.9	38.9

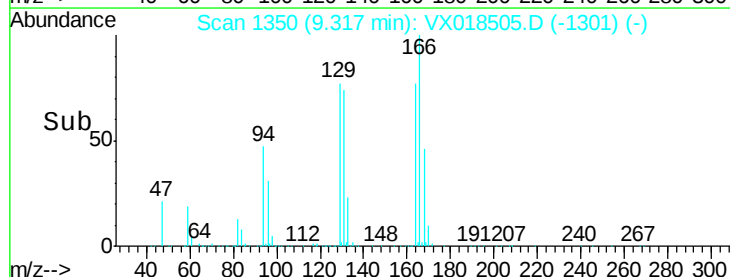
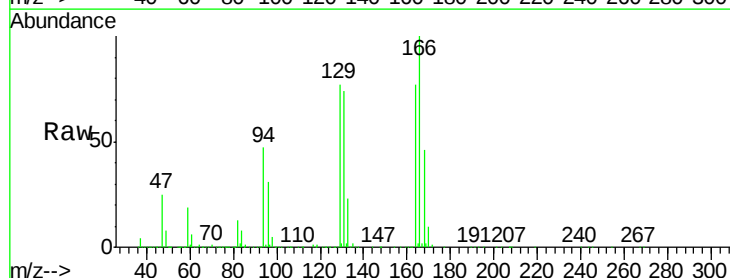
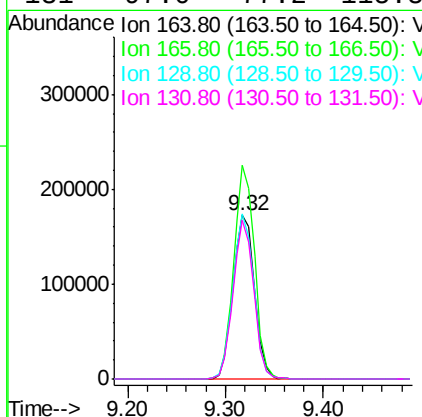
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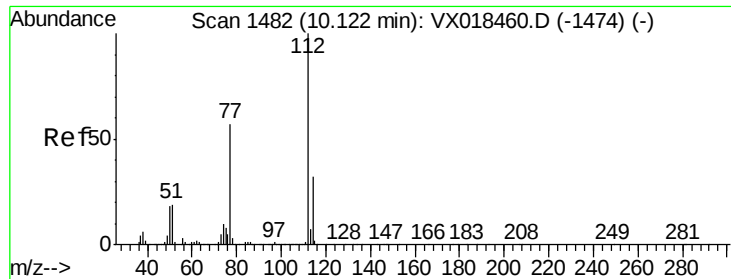
MMDadoda
9/21/2020 11:50:53 AM



#64
Tetrachloroethene
Concen: 45.881 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	263052		
166	130.6		99.3	148.9
129	100.9		80.7	121.1
131	97.0		77.2	115.8





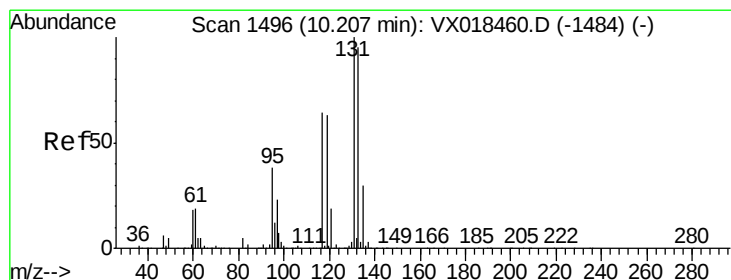
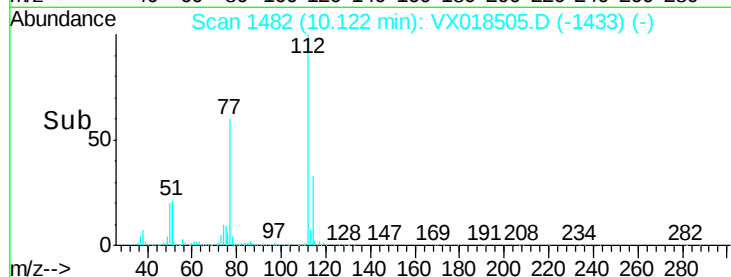
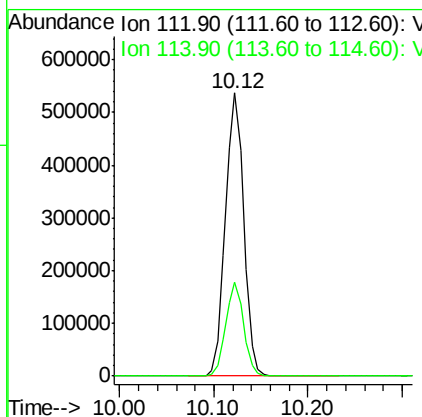
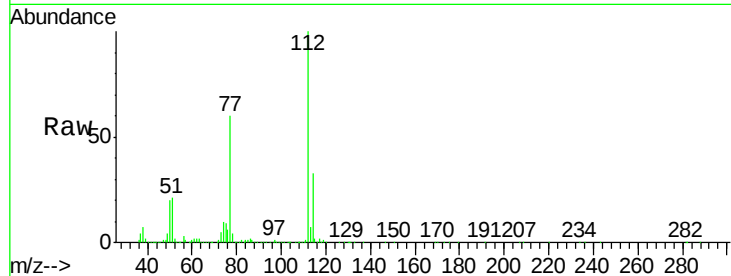
#65
Chlorobenzene
Concen: 48.518 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.1	25.4	38.0

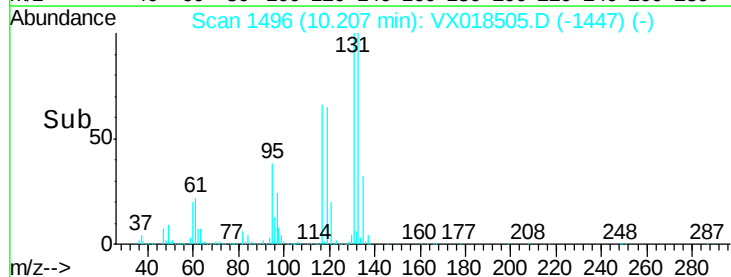
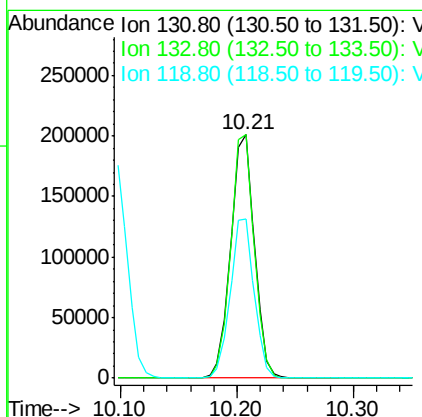
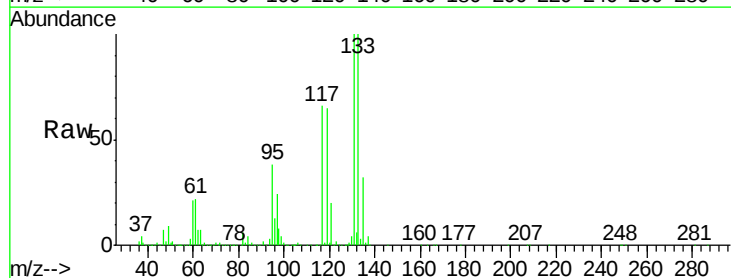
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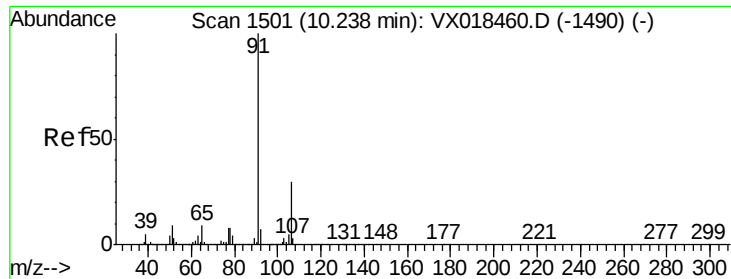
MMDadoda
9/21/2020 11:50:53 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.422 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.3	47.8	143.4
119	65.6	31.9	95.7





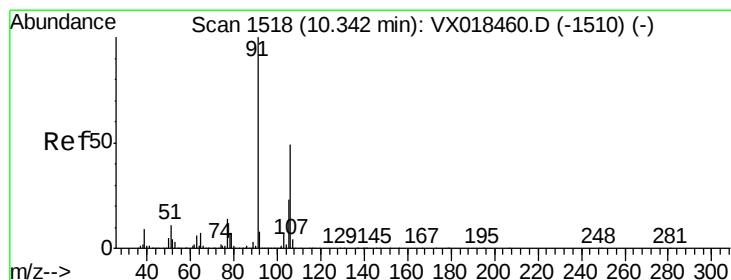
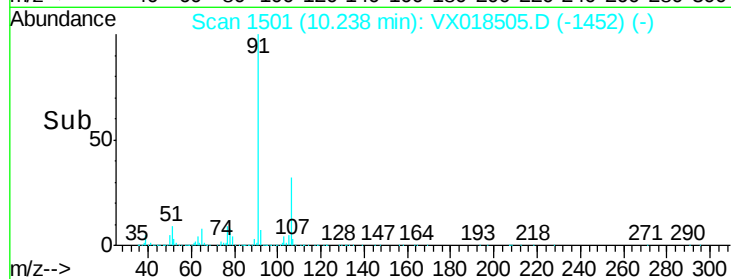
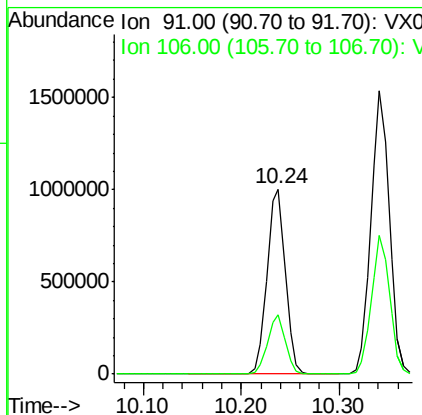
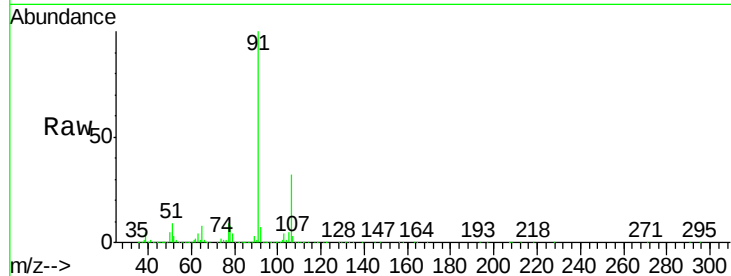
#67
Ethyl Benzene
Concen: 50.112 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1300669
Ion Ratio Lower Upper
91 100
106 31.7 24.1 36.1

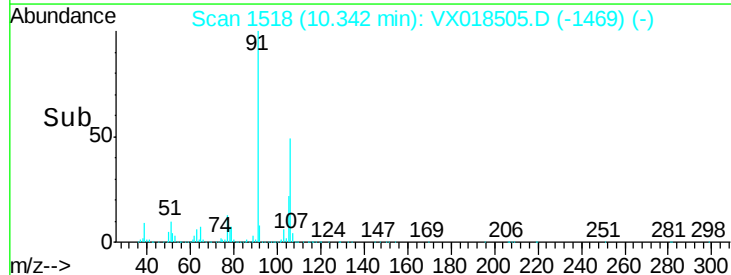
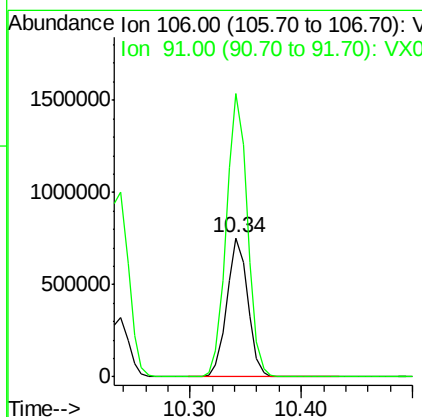
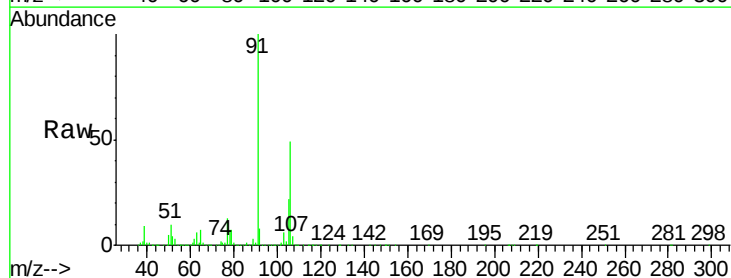
Manual Integrations
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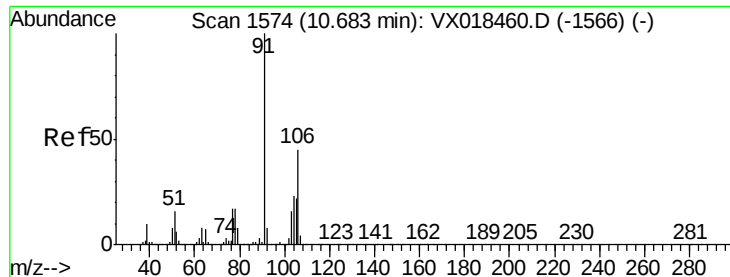
MMDadoda
9/21/2020 11:50:53 AM



#68
m/p-Xylenes
Concen: 99.667 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 106 Resp: 978571
Ion Ratio Lower Upper
106 100
91 204.9 163.8 245.6





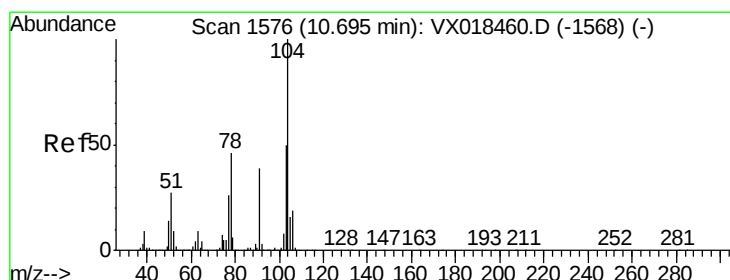
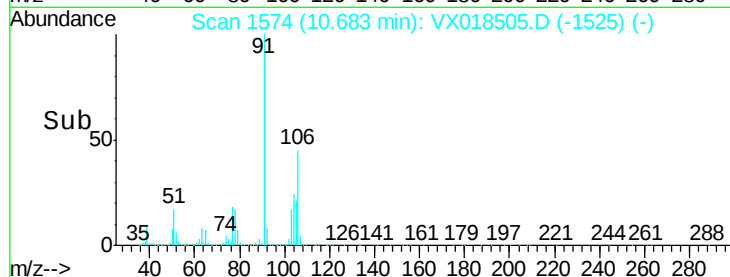
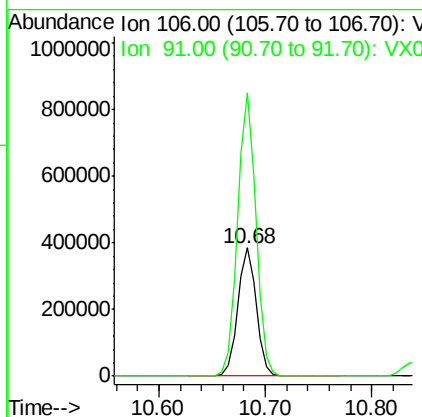
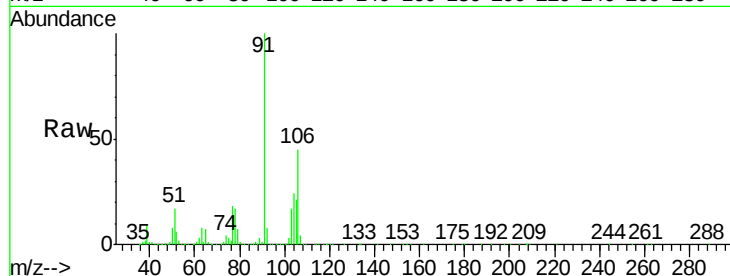
#69
o-Xylene
Concen: 50.546 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	219.0	109.7	329.0

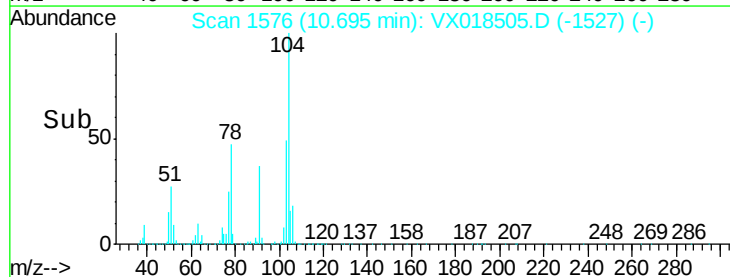
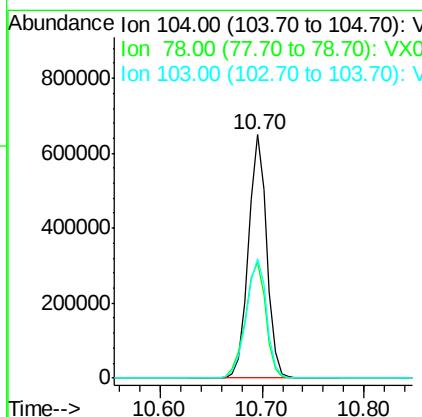
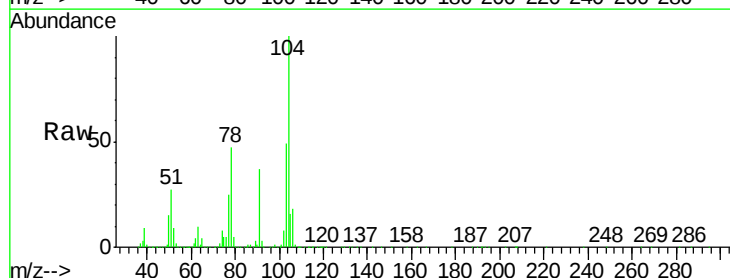
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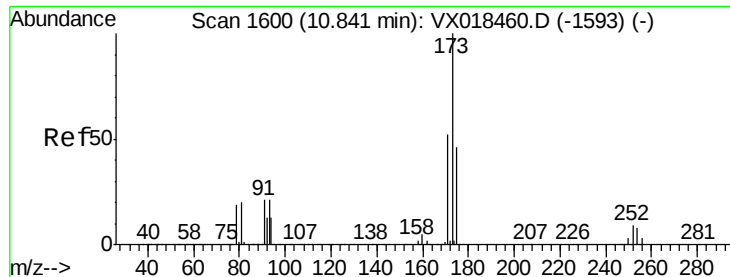
MMDadoda
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#70
Styrene
Concen: 50.677 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.0	40.5	60.7
103	54.4	43.2	64.8





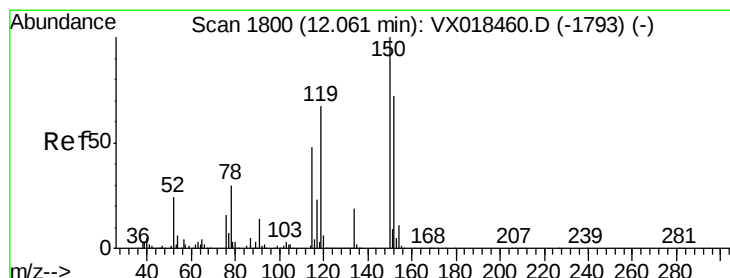
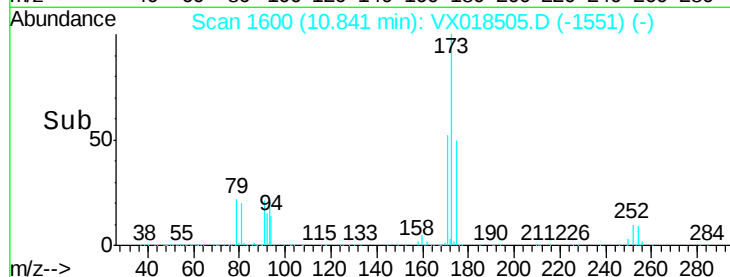
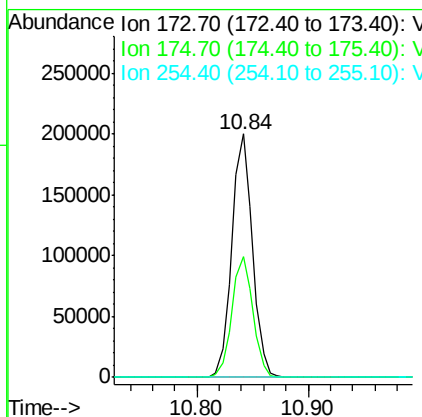
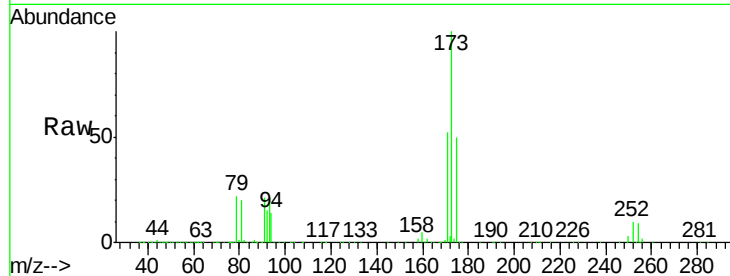
#71
Bromoform
Concen: 50.523 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.6	23.6	70.8
254	0.1	0.1	0.1#

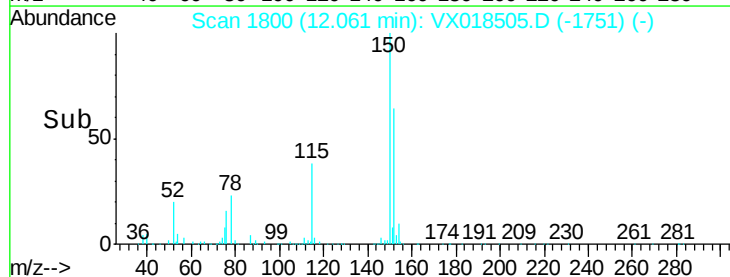
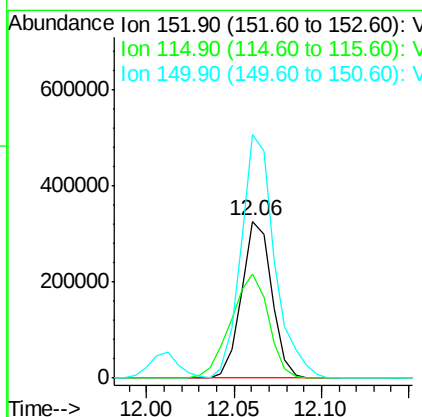
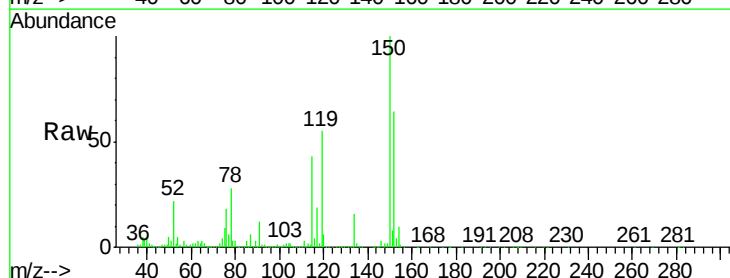
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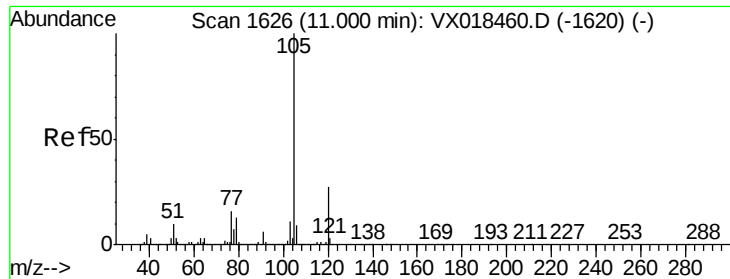
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.8	41.8	125.4
150	171.3	0.0	342.4





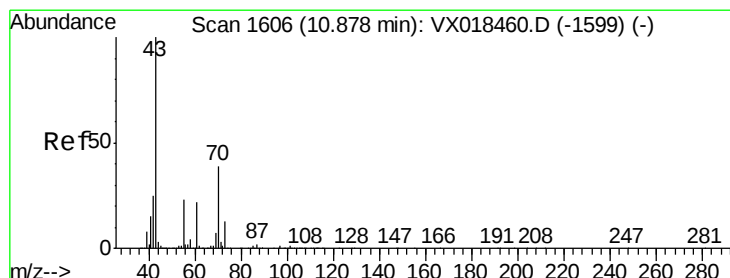
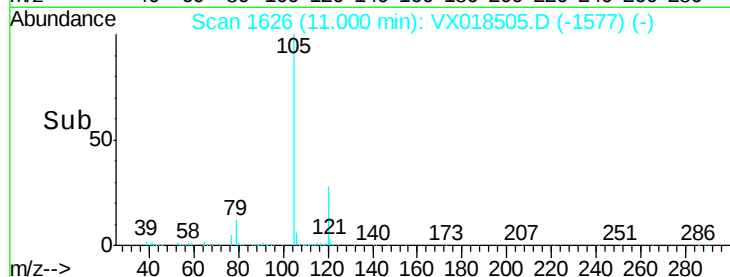
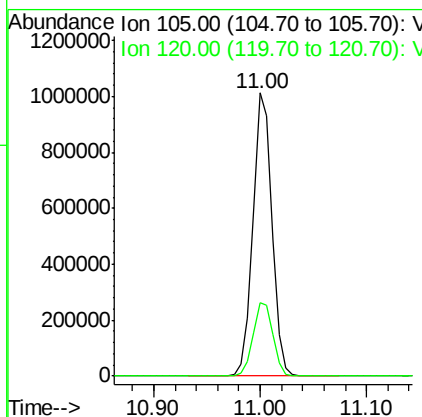
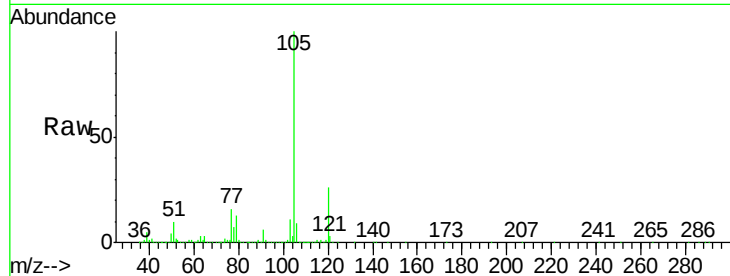
#73
Isopropylbenzene
Concen: 48.387 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 105 Resp: 1269995
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2

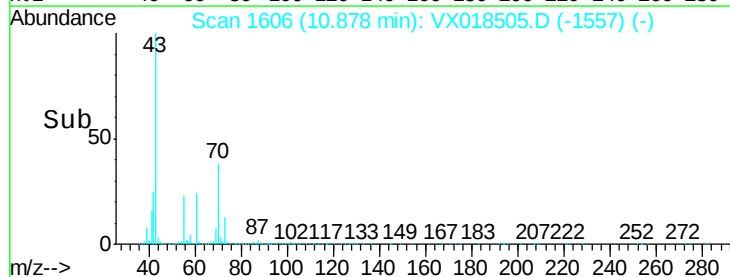
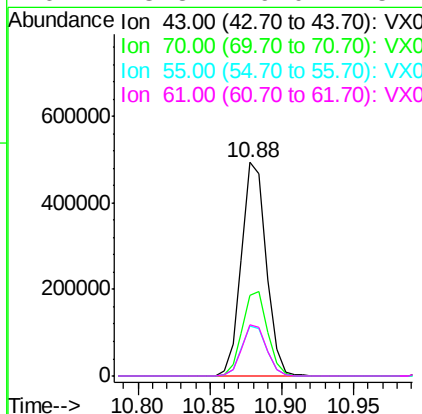
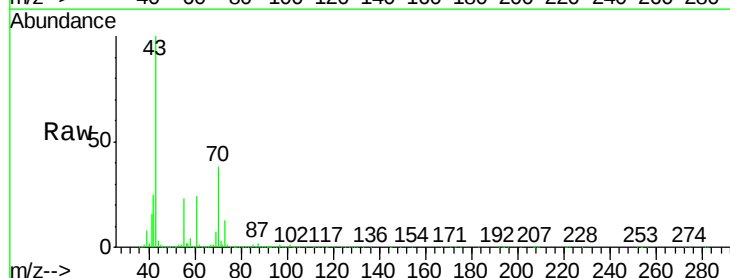
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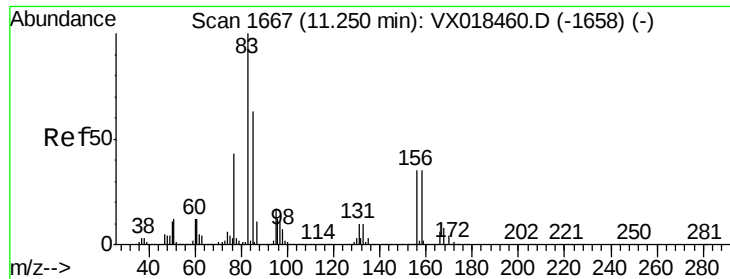
MMDadoda
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#74
N-ethyl acetate
Concen: 49.851 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 43 Resp: 589054
Ion Ratio Lower Upper
43 100
70 40.3 32.2 48.4
55 23.5 18.8 28.2
61 23.8 19.0 28.4





#75

1,1,2,2-Tetrachloroethane

Concen: 47.554 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 413125

Ion Ratio Lower Upper

83 100

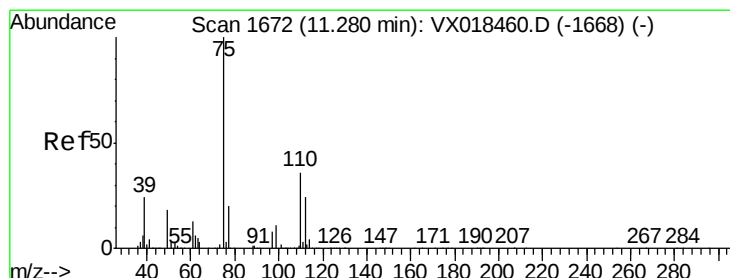
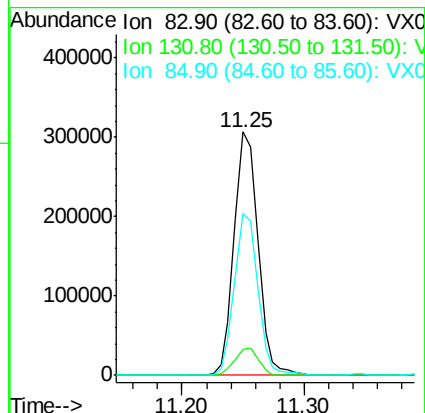
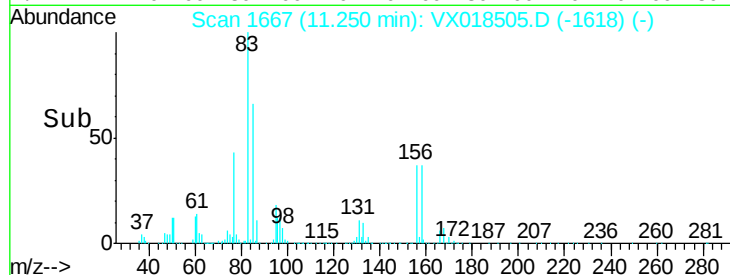
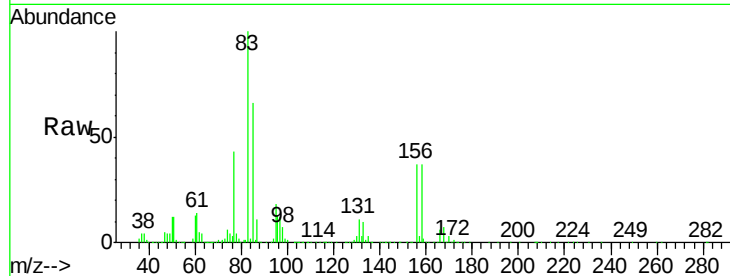
131 11.3 5.1 15.4

85 65.9 31.8 95.4

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9/21/2020 11:50:53 AM



#76

1,2,3-Trichloropropane

Concen: 47.958 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018505.D

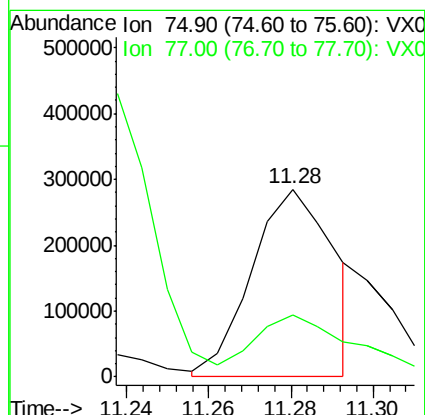
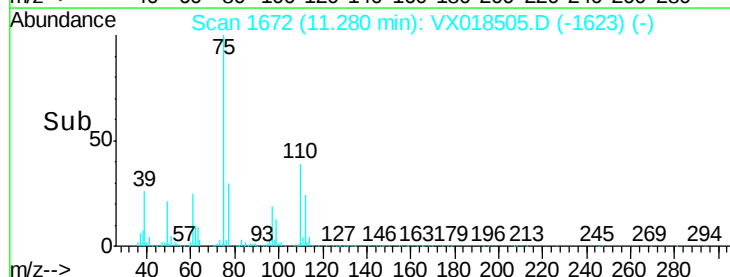
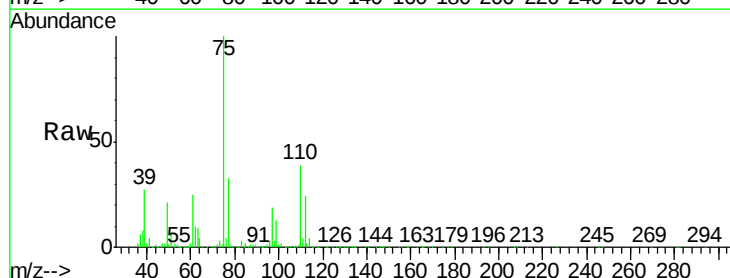
Acq: 18 Sep 2020 20:05

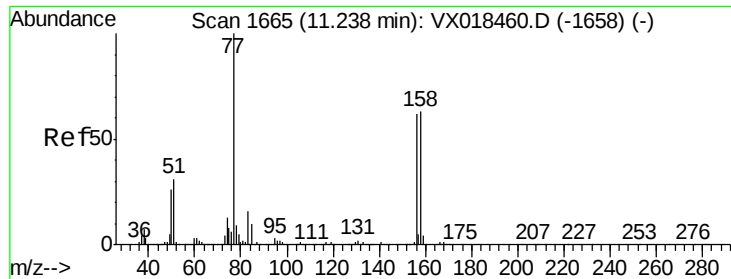
Tgt Ion: 75 Resp: 395958

Ion Ratio Lower Upper

75 100

77 40.5 20.9 62.7





#77

Bromobenzene

Concen: 46.705 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

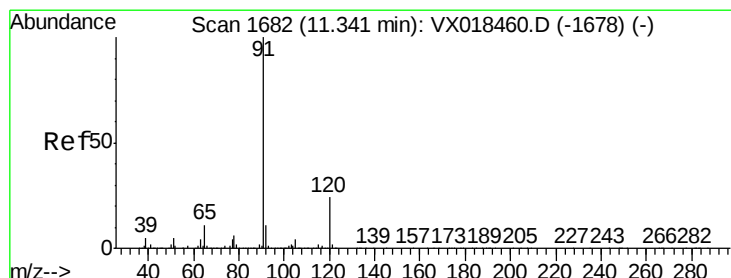
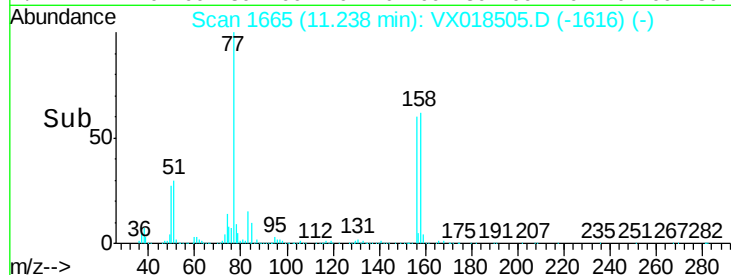
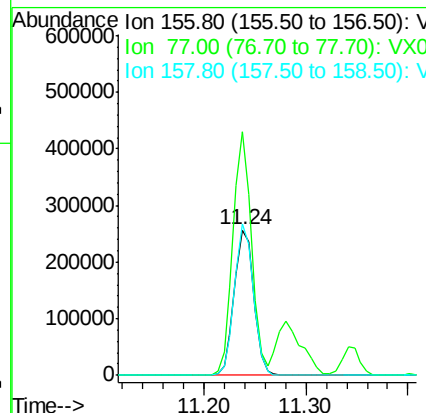
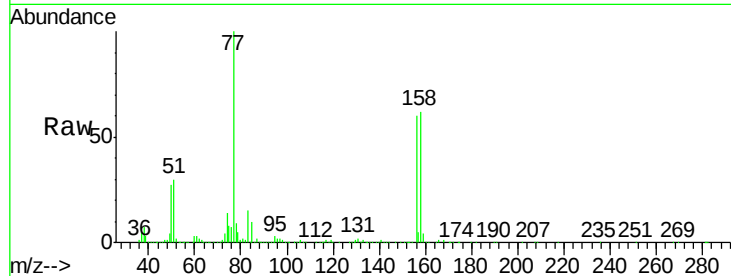
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	338233
Ion Ratio	Lower	Upper	
156	100		
77	159.6	78.8	236.5
158	100.3	48.4	145.3

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#78

n-propylbenzene

Concen: 48.112 ug/l

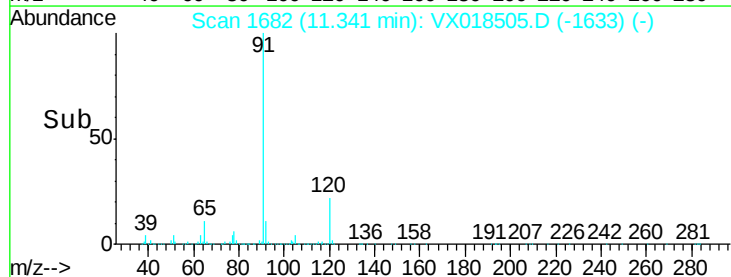
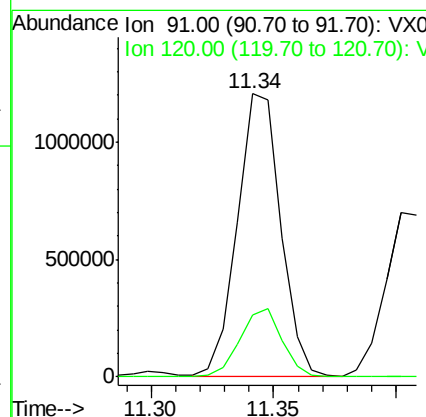
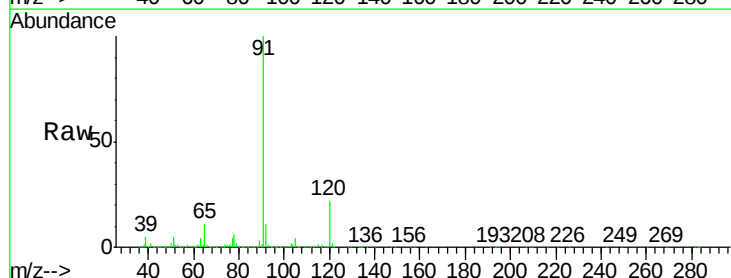
RT: 11.34 min Scan# 1682

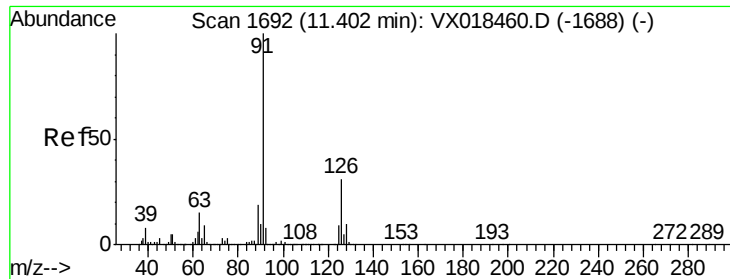
Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	91	Resp:	1478096
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.8	35.3





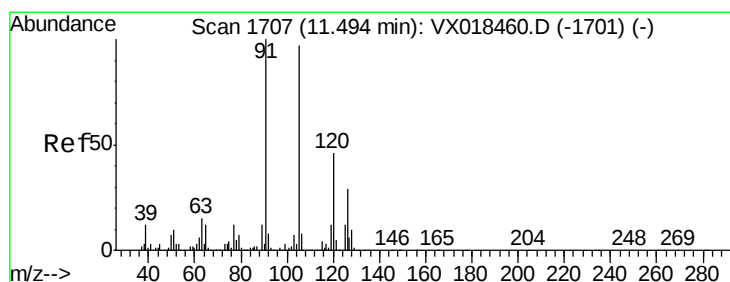
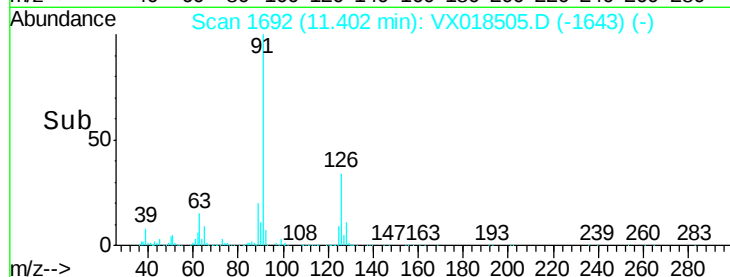
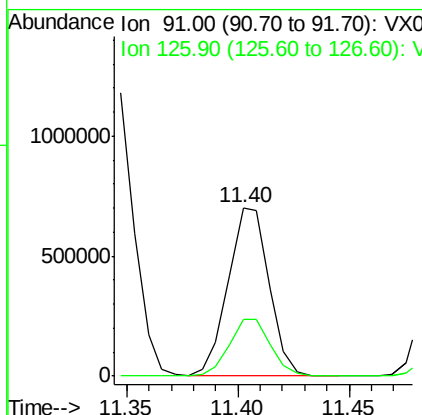
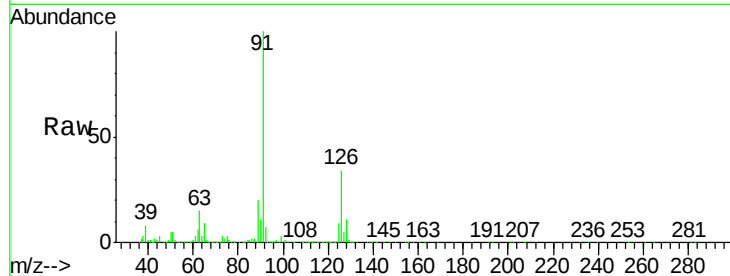
#79
 2-Chlorotoluene
 Concen: 48.225 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 896800
 Ion Ratio Lower Upper
 91 100
 126 34.3 16.6 49.7

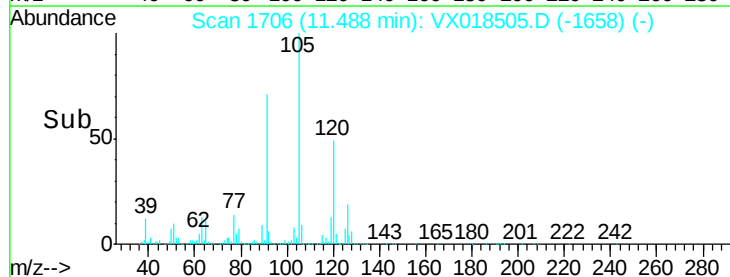
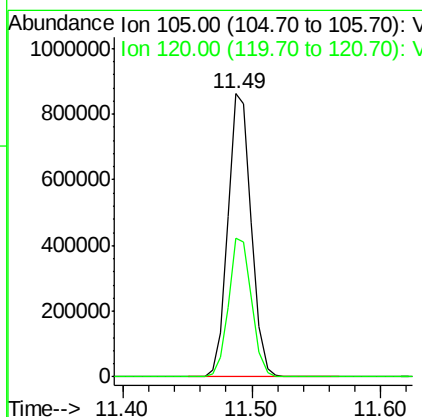
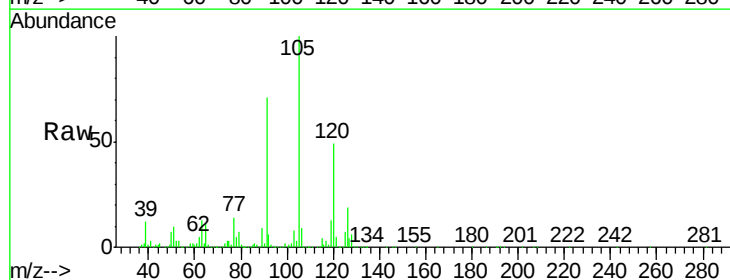
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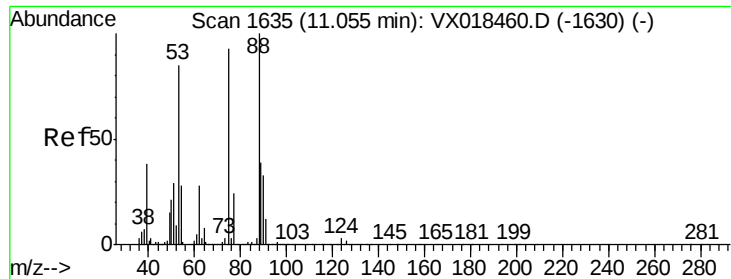
MMDadoda
 9/21/2020 11:50:53 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.797 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion: 105 Resp: 1095308
 Ion Ratio Lower Upper
 105 100
 120 48.3 23.6 71.0





#81

trans-1,4-Dichloro-2-butene

Concen: 42.559 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

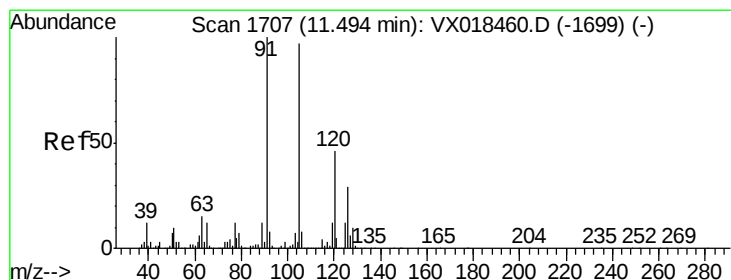
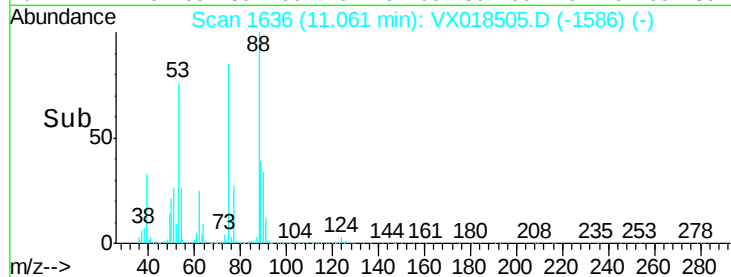
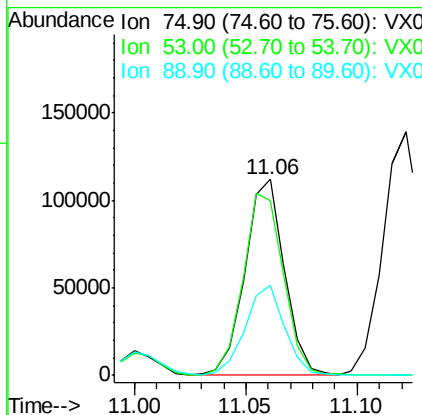
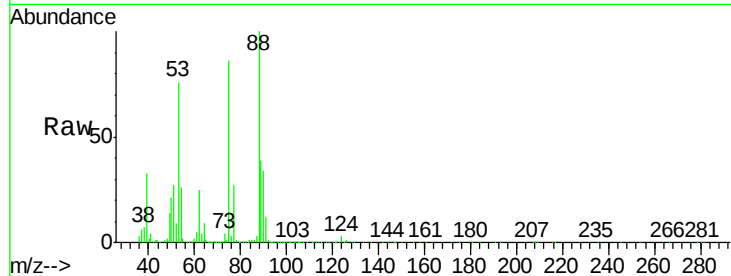
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	137123
Ion	Ratio	Lower	Upper
75	100		
53	95.1	74.6	111.8
89	46.4	36.2	54.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.711 ug/l

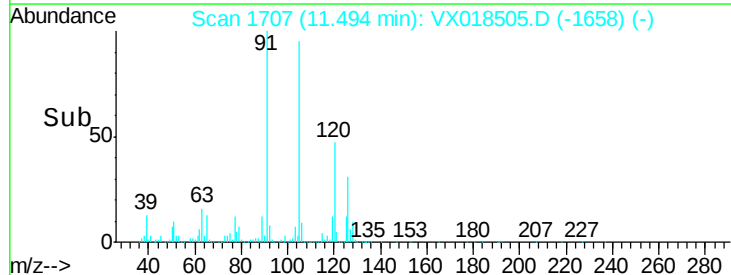
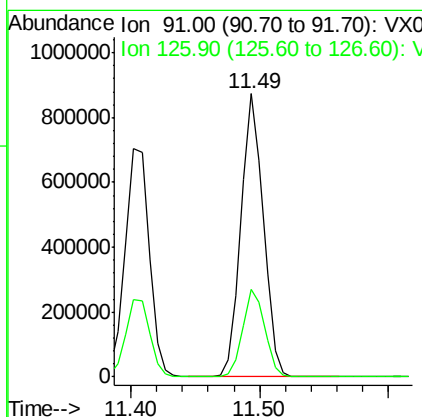
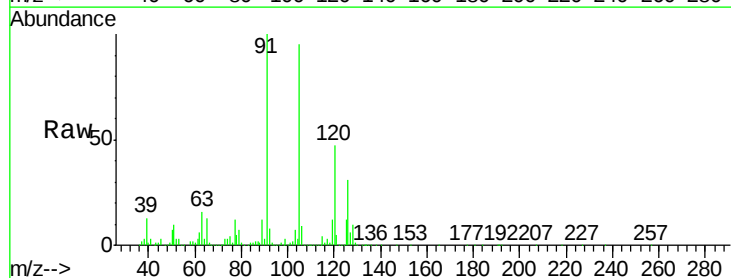
RT: 11.49 min Scan# 1707

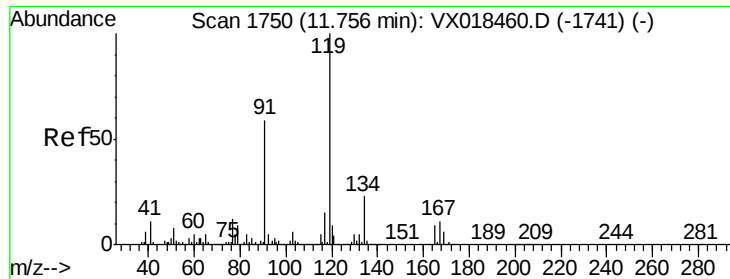
Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	91	Resp:	1054693
Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.0	45.0





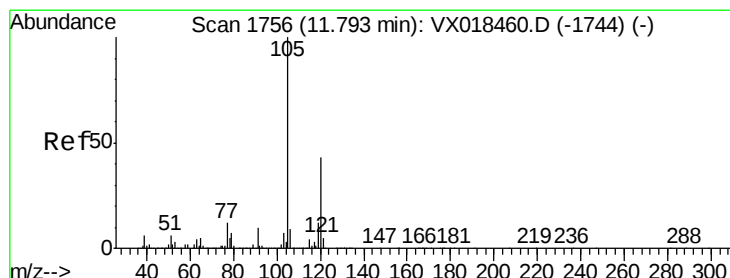
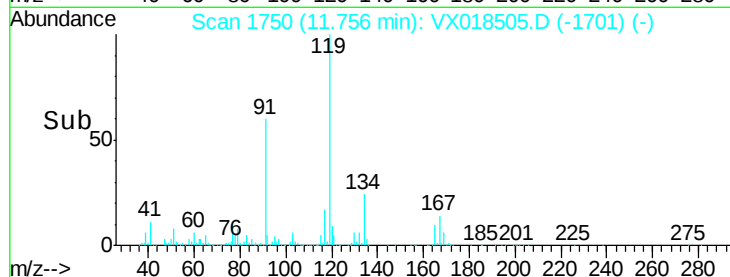
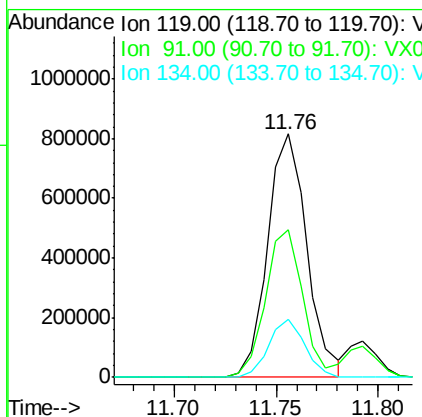
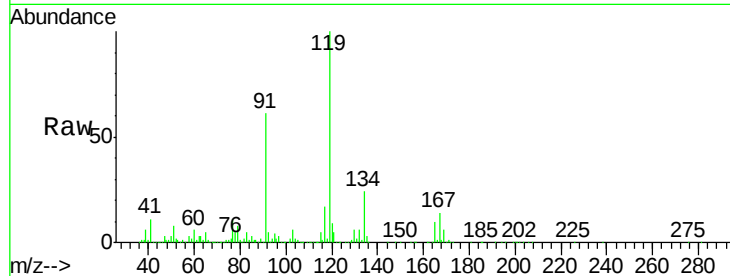
#83
 tert-Butylbenzene
 Concen: 50.013 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.3	28.9	86.7
134	22.2	11.3	33.8

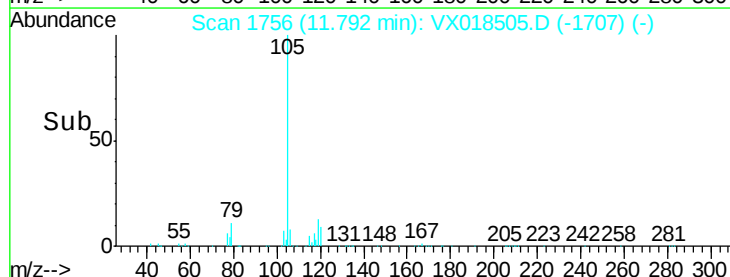
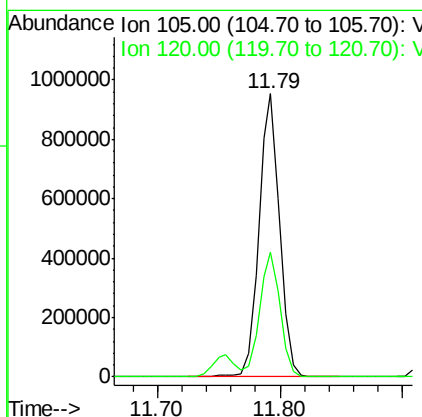
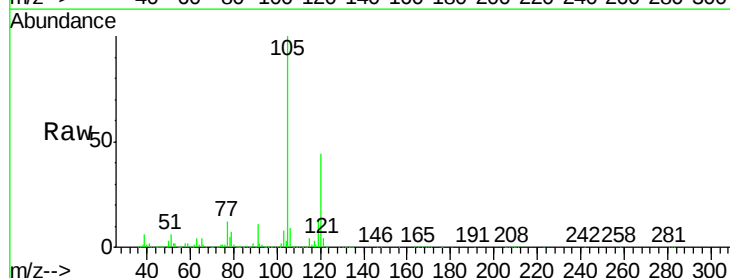
Manual Integrations
 APPROVED

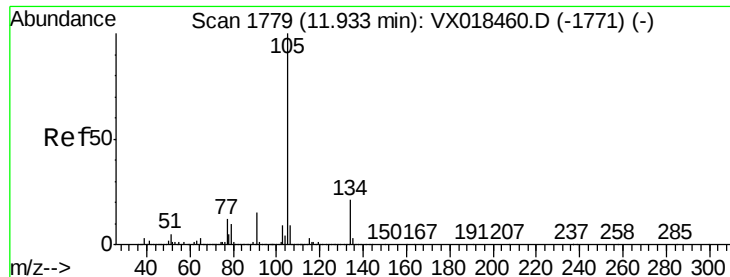
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 9/21/2020 11:50:53 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.698 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.8	21.6	65.0





#85

sec-Butylbenzene

Concen: 48.526 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1247815

Ion Ratio Lower Upper

105 100

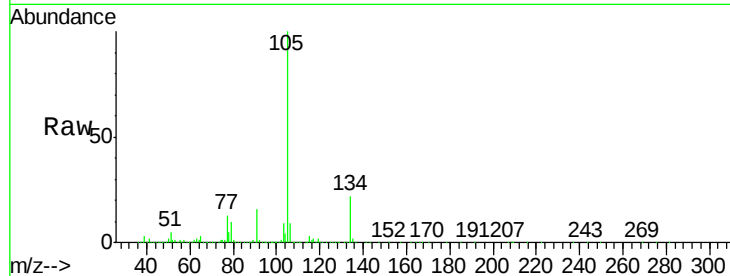
134 20.8 10.2 30.4

Manual Integrations

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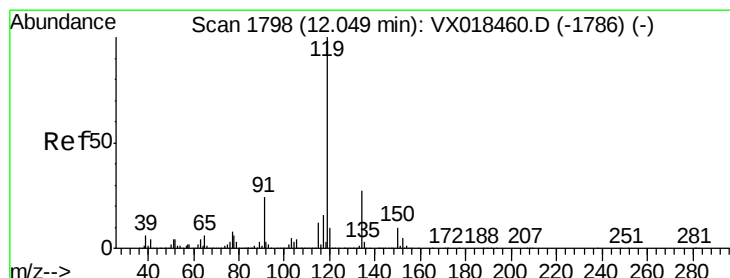
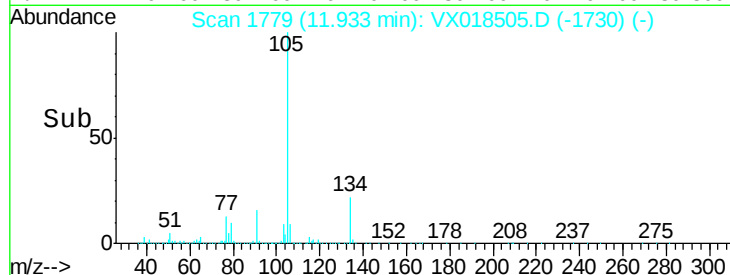
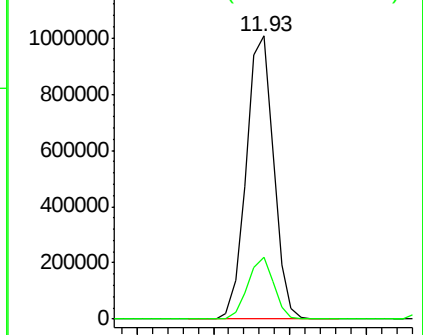
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.148 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

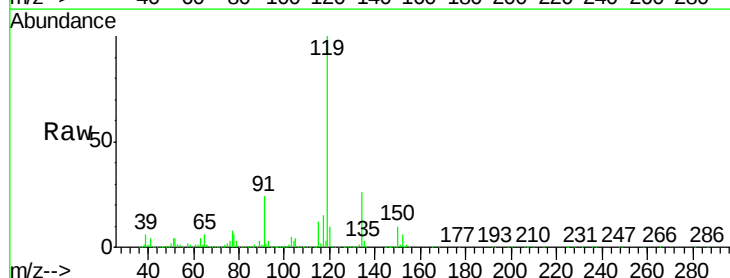
Tgt Ion:119 Resp: 1185141

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

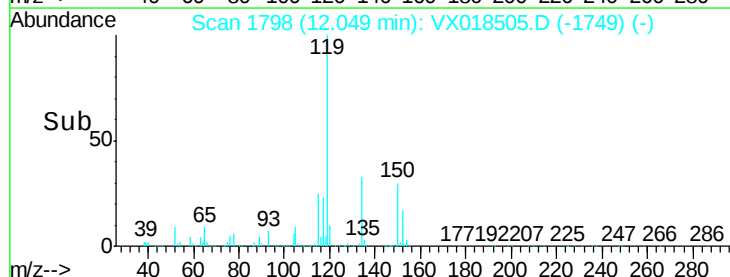
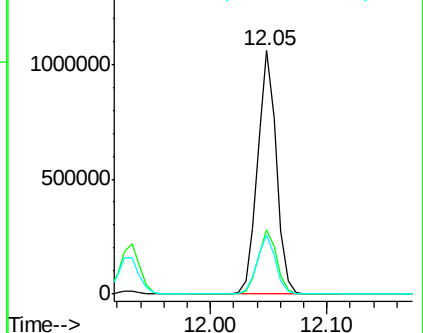
91 24.1 11.9 35.9

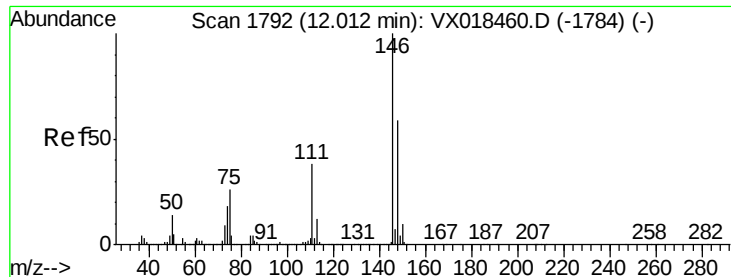


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





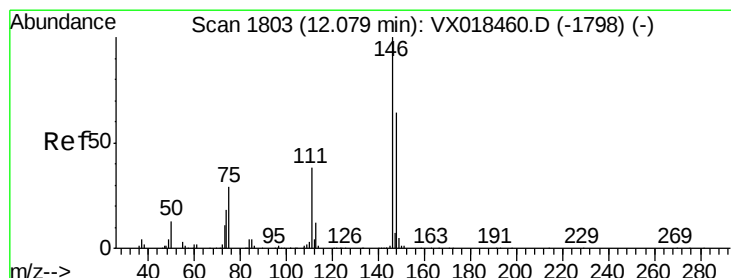
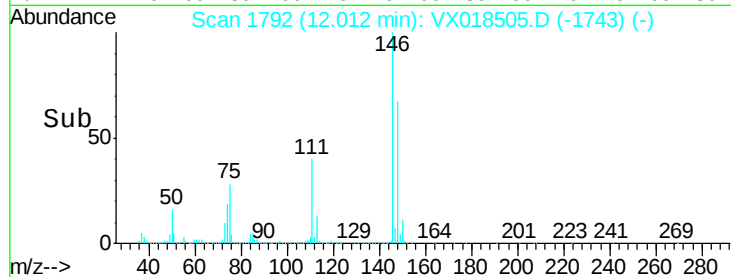
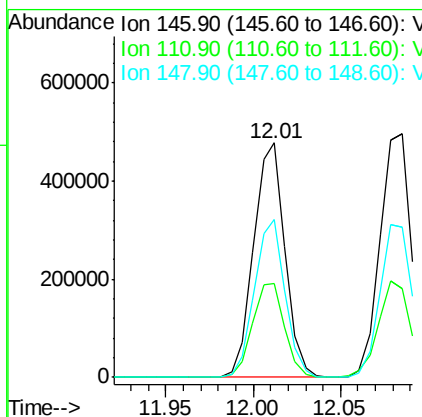
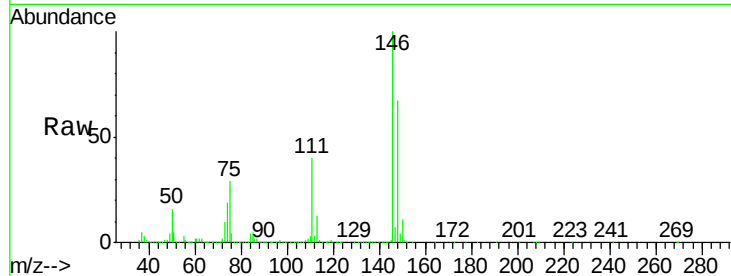
#87
 1,3-Dichlorobenzene
 Concen: 46.061 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	599752		
111	41.0		20.4	61.2
148	65.7		31.1	93.2

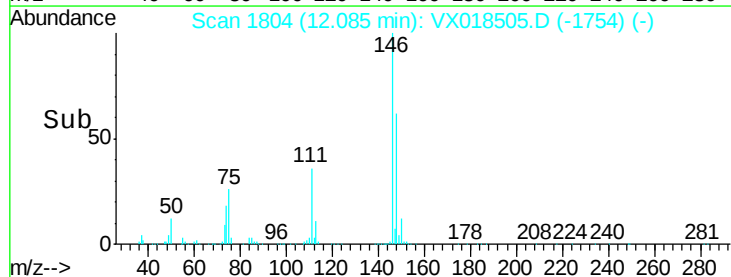
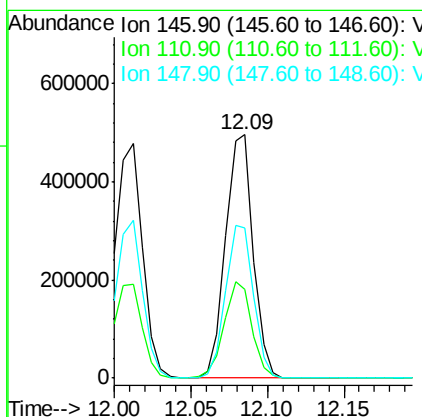
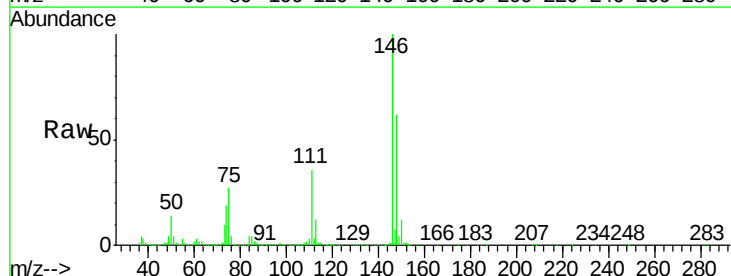
Manual Integrations
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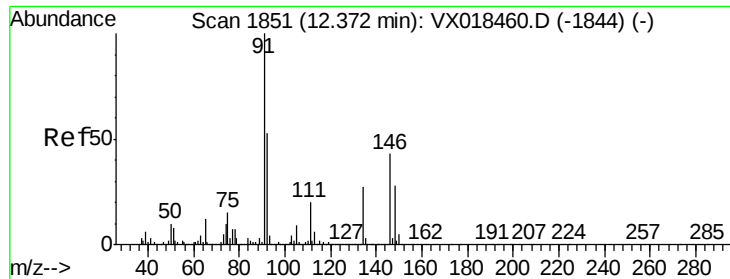
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#88
 1,4-Dichlorobenzene
 Concen: 46.957 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	619941		
111	39.7		19.4	58.4
148	63.3		31.8	95.4





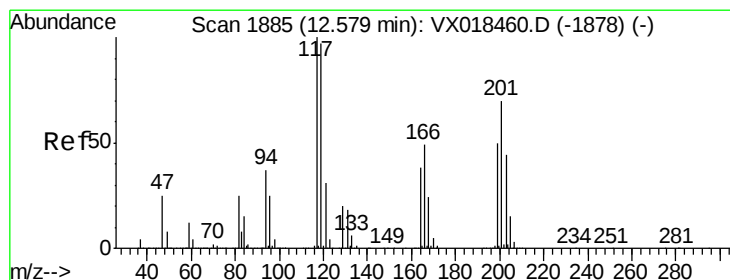
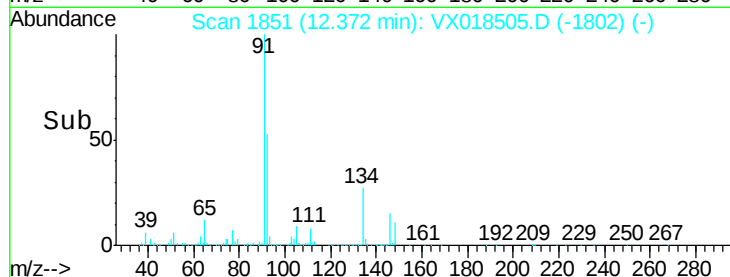
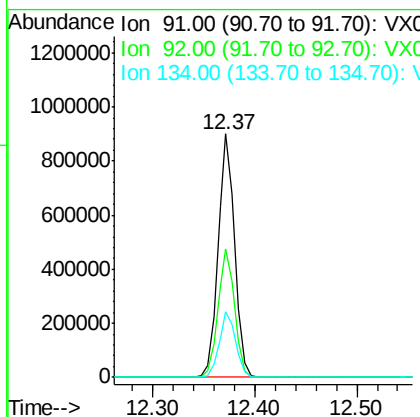
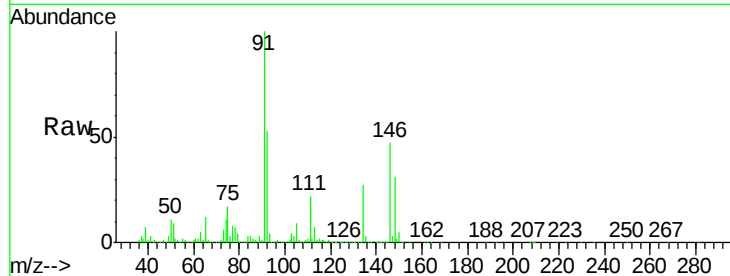
#89
n-Butylbenzene
Concen: 46.804 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1023988
Ion Ratio Lower Upper
91 100
92 53.3 26.1 78.2
134 26.9 13.3 39.8

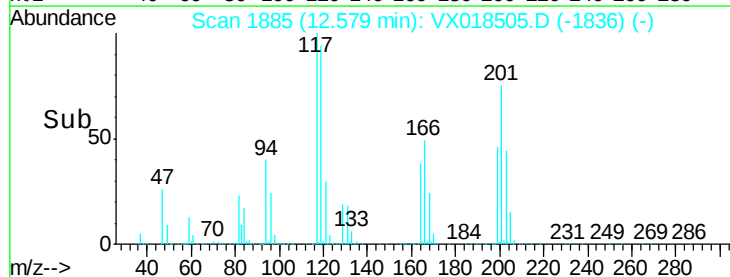
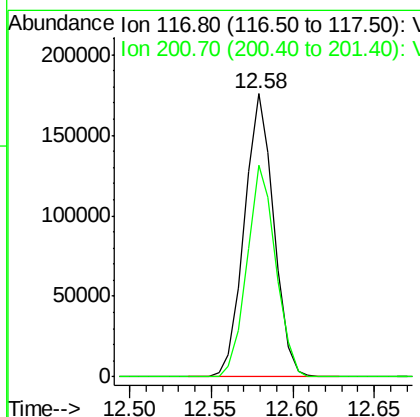
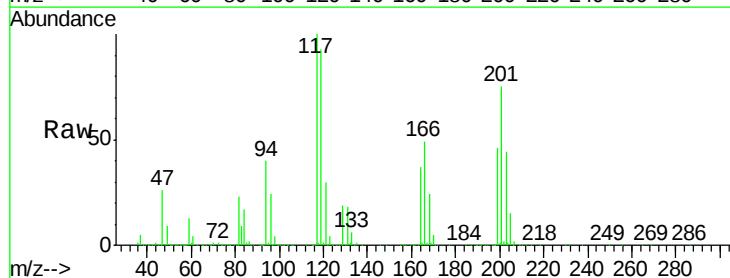
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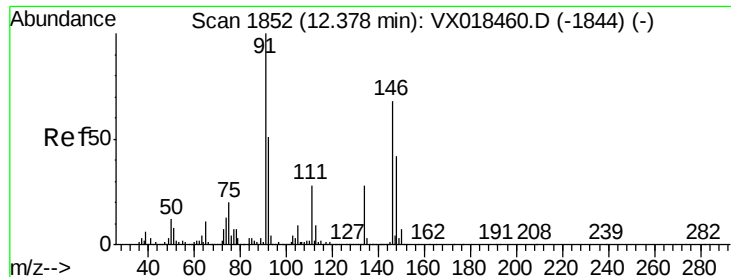
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#90
Hexachloroethane
Concen: 46.752 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion: 117 Resp: 220581
Ion Ratio Lower Upper
117 100
201 73.5 36.2 108.6





#91

1,2-Dichlorobenzene

Concen: 47.802 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Instrument :

MSVOA_X

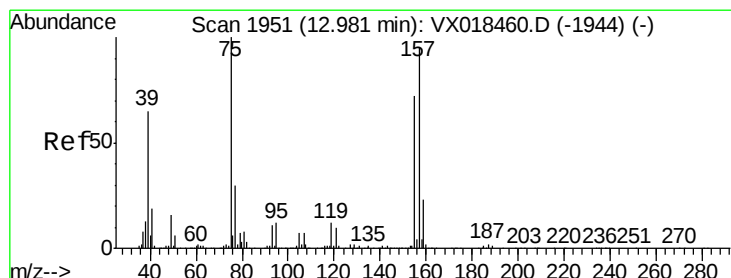
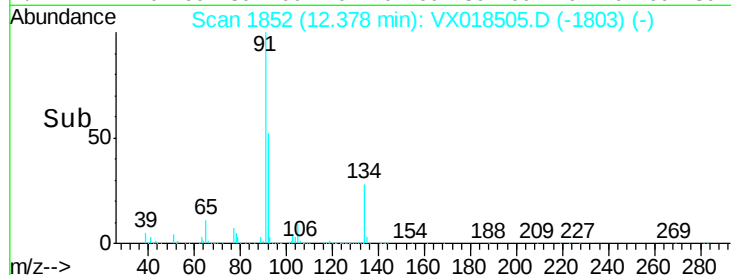
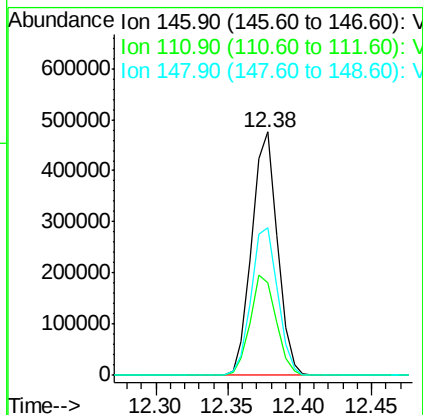
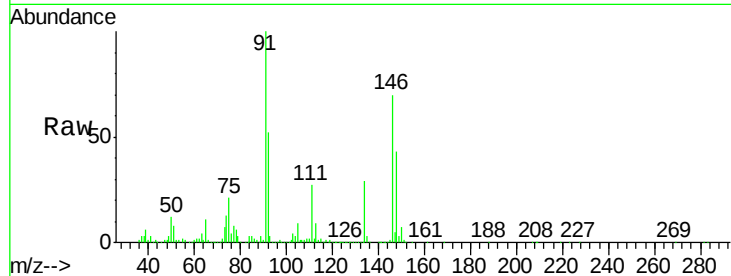
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	582564
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.5	64.5
148	63.1	32.1	96.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.219 ug/l

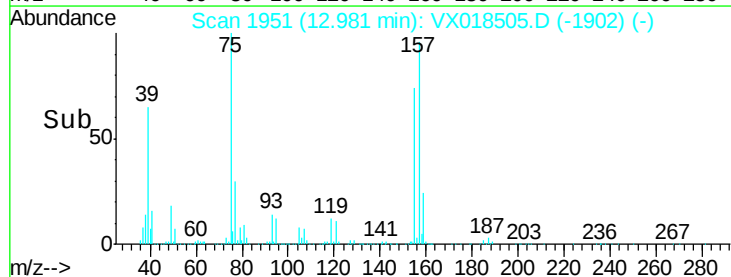
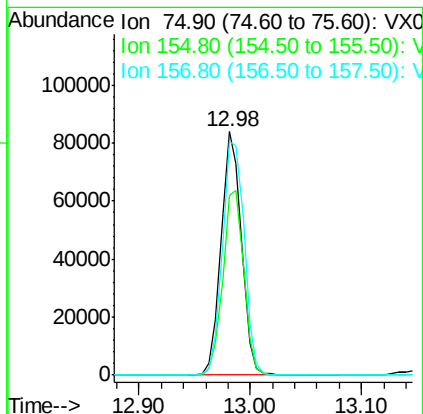
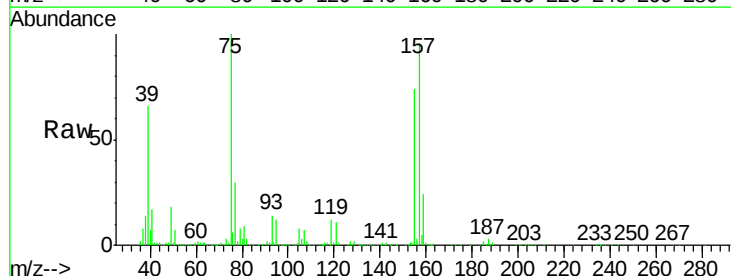
RT: 12.98 min Scan# 1951

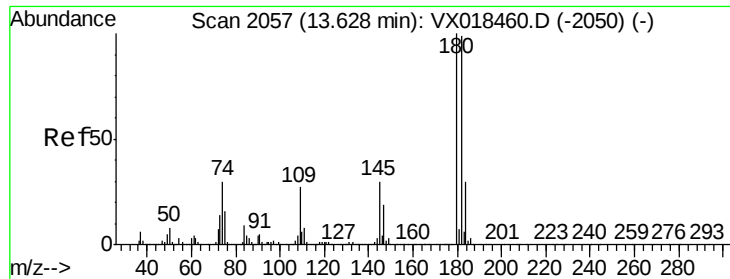
Delta R.T. -0.00 min

Lab File: VX018505.D

Acq: 18 Sep 2020 20:05

Tgt Ion:	75	Resp:	105910
Ion Ratio	Lower	Upper	
75	100		
155	78.7	38.8	116.4
157	103.2	51.1	153.3





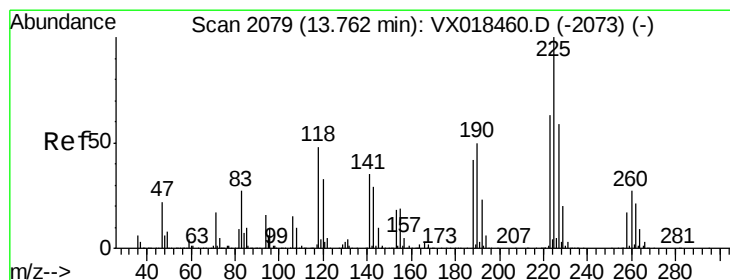
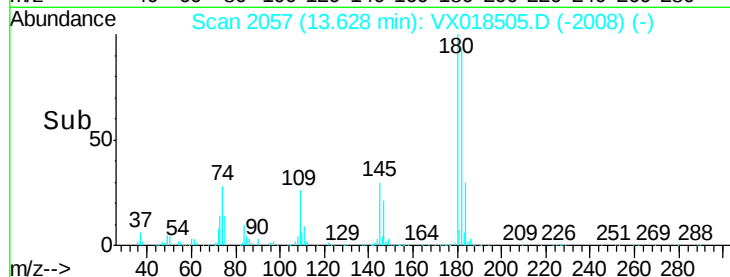
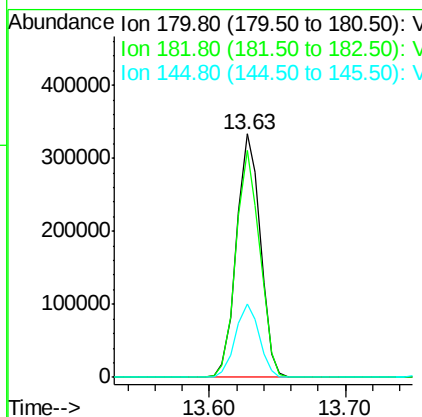
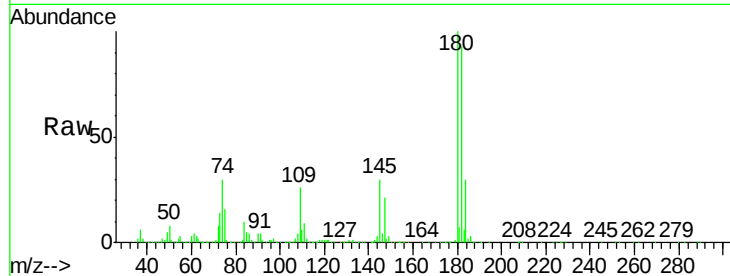
#93
 1,2,4-Trichlorobenzene
 Concen: 47.920 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	406449		
182	93.0	50.2	150.6	
145	30.2	15.7	47.1	

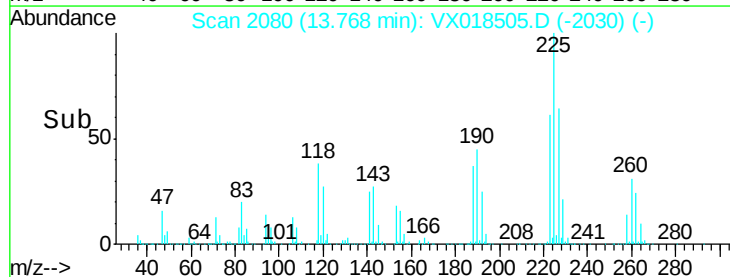
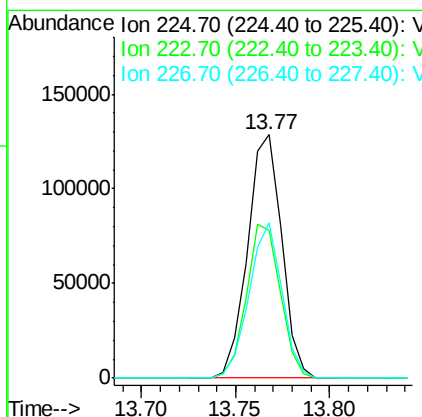
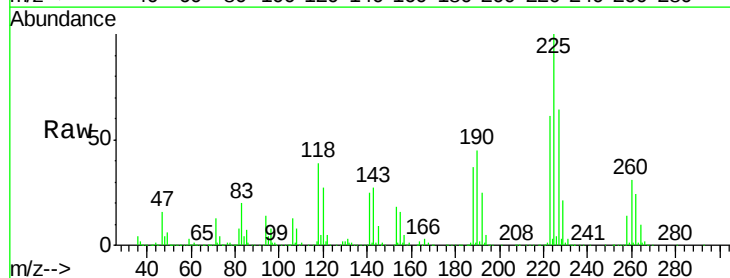
Manual Integrations
 APPROVED

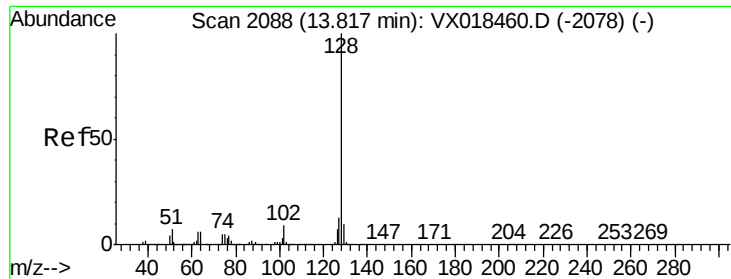
MMDadoda
 9/21/2020 11:50:53 AM



#94
 Hexachlorobutadiene
 Concen: 45.410 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018505.D
 Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161626		
223	63.0	32.0	96.2	
227	61.5	31.7	95.1	





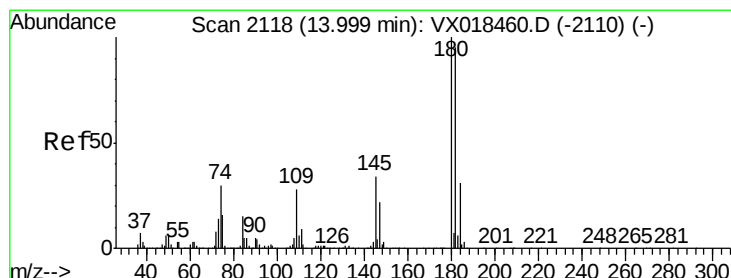
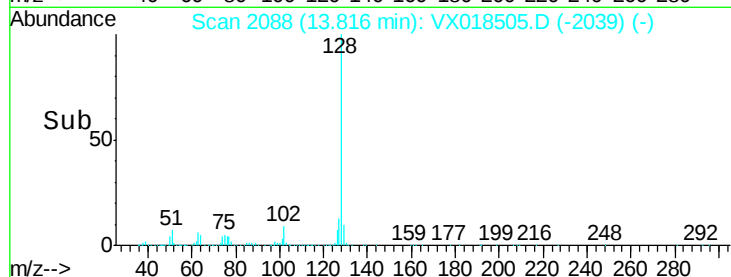
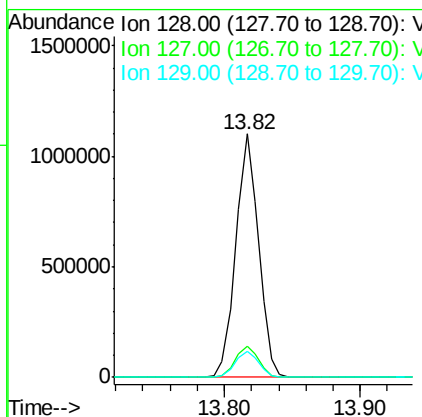
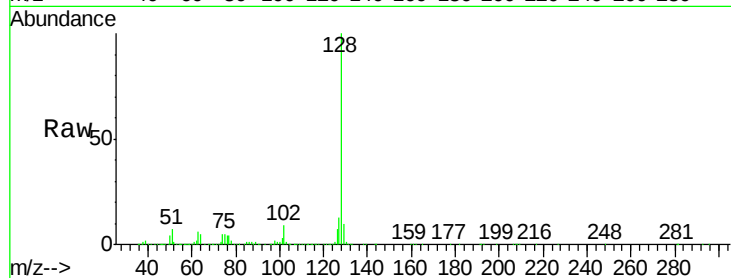
#95
Naphthalene
Concen: 49.907 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/21/2020 11:50:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.163 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018505.D
Acq: 18 Sep 2020 20:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	47.1	141.3
145	33.6	16.8	50.4

