

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017484.D
 Acq On : 23 Jul 2020 11:15
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:53 PM

Quant Time: Jul 23 12:02:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	571851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	868292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	807159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	409493	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	381225	52.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.32%	
35) Dibromofluoromethane	5.47	113	297206	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.70	98	1066397	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.12	95	401556	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	268231	55.275	ug/l	100
3) Chloromethane	1.31	50	351462	61.525	ug/l	100
4) Vinyl Chloride	1.39	62	341427	61.077	ug/l	100
5) Bromomethane	1.62	94	207234	57.494	ug/l	100
6) Chloroethane	1.71	64	205717	58.583	ug/l	100
7) Trichlorofluoromethane	1.92	101	532094	57.362	ug/l	100
8) Diethyl Ether	2.17	74	195948	58.616	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	304314	57.331	ug/l	100
10) Methyl Iodide	2.49	142	419322	63.861	ug/l	100
11) Tert butyl alcohol	3.02	59	419440	324.222	ug/l	100
12) 1,1-Dichloroethene	2.36	96	292377	55.002	ug/l	100
13) Acrolein	2.28	56	311273	403.654	ug/l	100
14) Allyl chloride	2.71	41	555209	59.410	ug/l	100
15) Acrylonitrile	3.12	53	906462	298.943	ug/l	100
16) Acetone	2.42	43	823832	305.934	ug/l	100
17) Carbon Disulfide	2.55	76	871571	56.158	ug/l	100
18) Methyl Acetate	2.75	43	407206	61.291	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1049498	57.965	ug/l	100
20) Methylene Chloride	2.84	84	335046	52.540	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	314400	52.371	ug/l	100
22) Diisopropyl ether	3.82	45	953636	54.813	ug/l	100
23) Vinyl Acetate	3.79	43	4465496	290.006	ug/l	100
24) 1,1-Dichloroethane	3.67	63	534731	52.466	ug/l	100
25) 2-Butanone	4.64	43	1184800	284.402	ug/l	100
26) 2,2-Dichloropropane	4.55	77	485920	51.534	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	329368	50.416	ug/l	100
28) Bromochloromethane	4.98	49	247018	52.527	ug/l	100
29) Tetrahydrofuran	5.09	42	759038	282.506	ug/l	100
30) Chloroform	5.19	83	554731	50.934	ug/l	100
31) Cyclohexane	5.56	56	436050	52.647	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	524522	52.076	ug/l	100
36) 1,1-Dichloropropene	5.77	75	401097	50.398	ug/l	100
37) Ethyl Acetate	4.80	43	493535	58.075	ug/l	100
38) Carbon Tetrachloride	5.76	117	481385	51.484	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017484.D
 Acq On : 23 Jul 2020 11:15
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:53 PM

Quant Time: Jul 23 12:02:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	452069	52.224	ug/l	100
40) Benzene	6.11	78	1184530	51.606	ug/l	100
41) Methacrylonitrile	5.01	41	260939	57.481	ug/l	100
42) 1,2-Dichloroethane	6.17	62	487014	53.985	ug/l	100
43) Isopropyl Acetate	6.42	43	850926	61.869	ug/l	100
44) Trichloroethene	7.19	130	339128	48.838	ug/l	100
45) 1,2-Dichloropropane	7.49	63	301729	51.361	ug/l	100
46) Dibromomethane	7.64	93	214251	50.654	ug/l	100
47) Bromodichloromethane	7.88	83	452893	51.233	ug/l	100
48) Methyl methacrylate	7.75	41	367231	57.192	ug/l	100
49) 1,4-Dioxane	7.71	88	139037	1074.752	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	2399802	291.907	ug/l	100
52) Toluene	8.77	92	741410	50.689	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	544183	56.256	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	531713	52.297	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	326650	52.973	ug/l	100
56) Ethyl methacrylate	9.16	69	518819	58.540	ug/l	100
57) 1,3-Dichloropropane	9.35	76	545714	53.128	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1339118	298.070	ug/l	100
59) 2-Hexanone	9.48	43	1883180	302.046	ug/l	100
60) Dibromochloromethane	9.57	129	414470	54.714	ug/l	100
61) 1,2-Dibromoethane	9.65	107	361700	53.803	ug/l	100
64) Tetrachloroethene	9.32	164	348888	49.972	ug/l	100
65) Chlorobenzene	10.12	112	867920	52.473	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	348625	52.972	ug/l	100
67) Ethyl Benzene	10.24	91	1465028	53.441	ug/l	100
68) m/p-Xylenes	10.34	106	1158756	110.646	ug/l	100
69) o-Xylene	10.68	106	555589	55.526	ug/l	100
70) Styrene	10.70	104	980015	56.948	ug/l	100
71) Bromoform	10.84	173	319805	57.131	ug/l #	100
73) Isopropylbenzene	11.00	105	1427516	55.289	ug/l	100
74) N-amyl acetate	10.88	43	685847	64.375	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	424257	53.869	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	433773m	56.473	ug/l	
77) Bromobenzene	11.24	156	395626	53.762	ug/l	100
78) n-propylbenzene	11.34	91	1599494	55.308	ug/l	100
79) 2-Chlorotoluene	11.40	91	975646	54.582	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1250637	56.695	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	170632	56.110	ug/l	100
82) 4-Chlorotoluene	11.49	91	1174581	55.363	ug/l	100
83) tert-Butylbenzene	11.76	119	1200499	56.557	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1268506	57.164	ug/l	100
85) sec-Butylbenzene	11.93	105	1389530	56.033	ug/l	100
86) p-Isopropyltoluene	12.05	119	1327884	56.470	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	692038	52.666	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	694739	52.273	ug/l	100
89) n-Butylbenzene	12.37	91	1152187	57.095	ug/l	100
90) Hexachloroethane	12.58	117	251659	56.090	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	652652	52.744	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	118766	56.061	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017484.D
Acq On : 23 Jul 2020 11:15
Operator : JC/SP
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

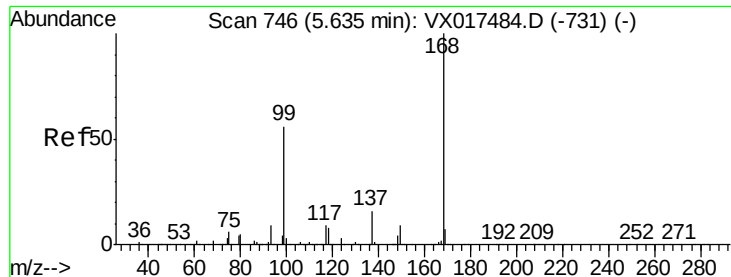
Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM

Quant Time: Jul 23 12:02:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 23 11:43:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	478656	55.277	ug/l	100
94) Hexachlorobutadiene	13.77	225	219065	60.750	ug/l	100
95) Naphthalene	13.82	128	1522522	59.422	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	479355	56.973	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 571851

Ion Ratio Lower Upper

168 100

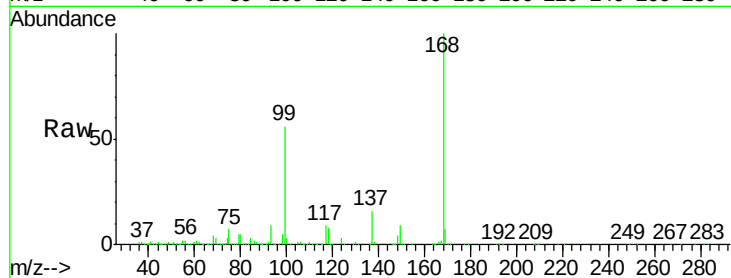
99 55.8 44.6 67.0

Manual Integrations

APPROVED

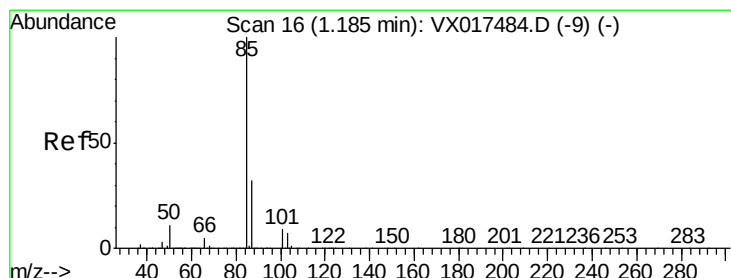
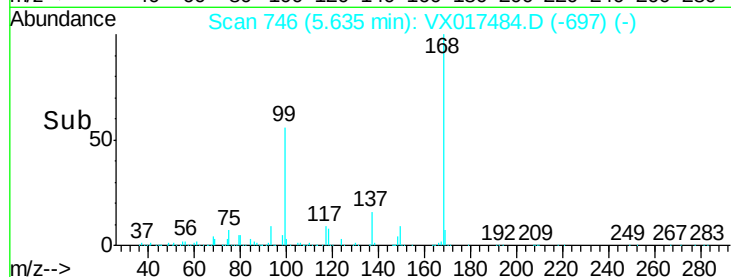
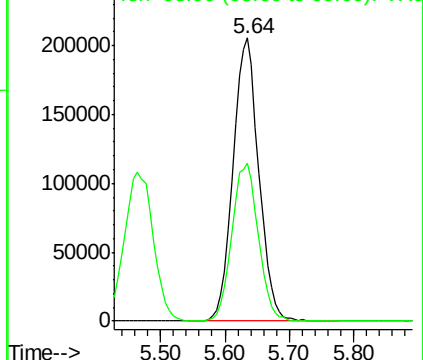
MMDadoda

7/24/2020 1:00:53 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 55.275 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017484.D

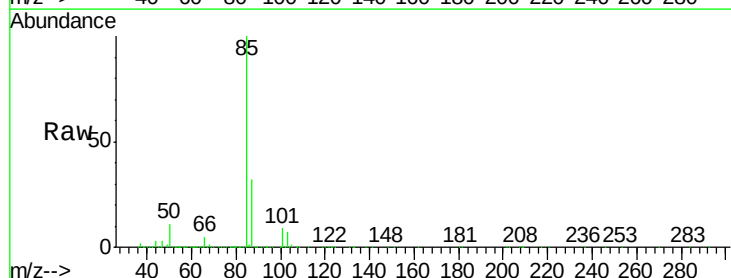
Acq: 23 Jul 2020 11:15

Tgt Ion: 85 Resp: 268231

Ion Ratio Lower Upper

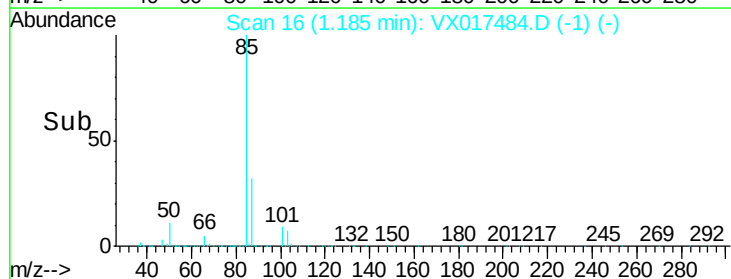
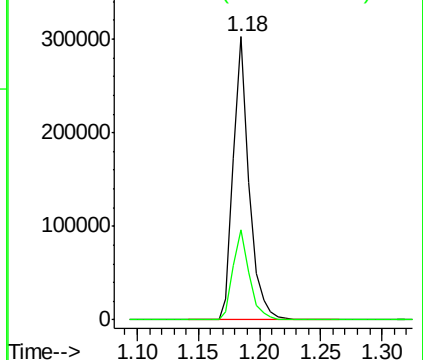
85 100

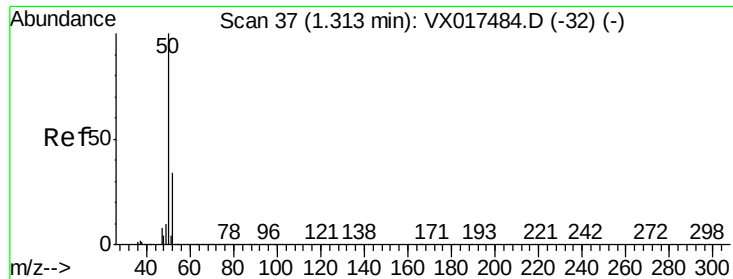
87 31.8 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





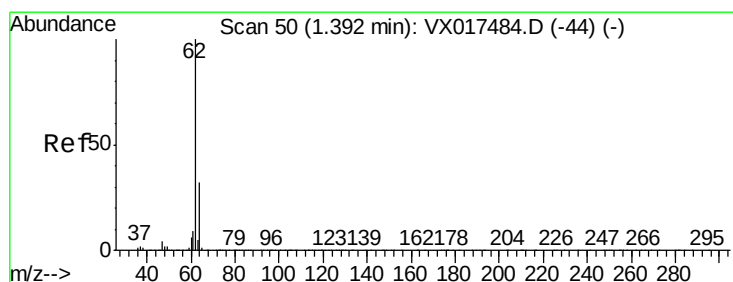
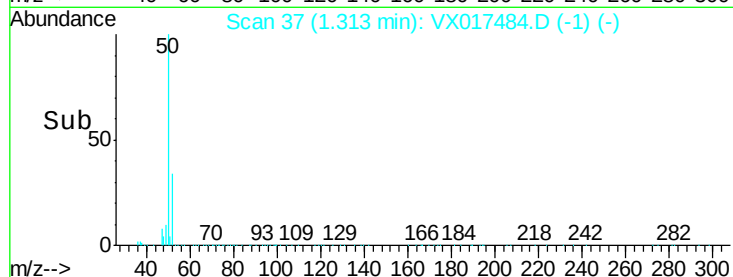
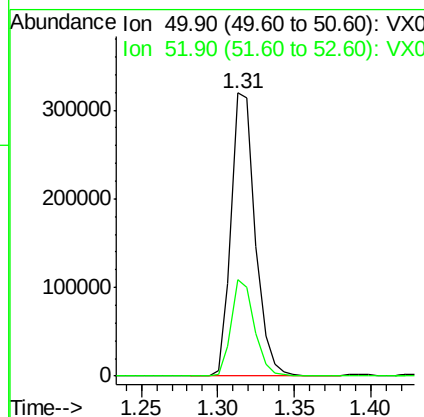
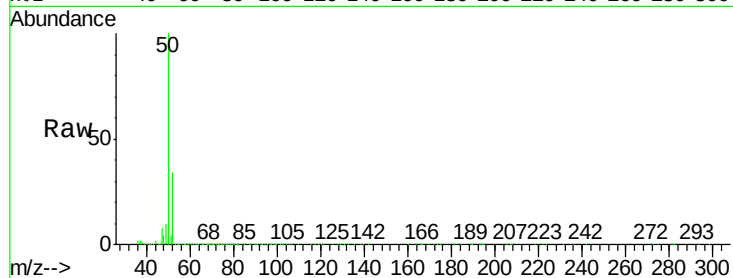
#3
Chloromethane
Concen: 61.525 ug/l
RT: 1.31 min Scan# 37
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.9	27.1	40.7

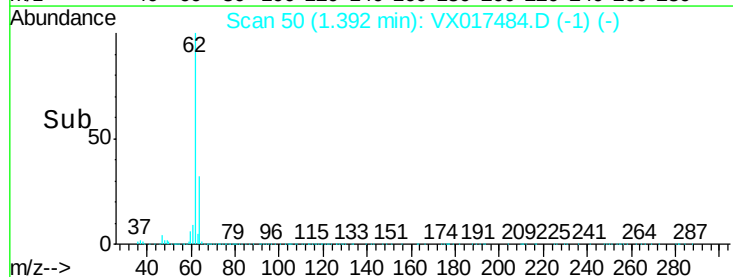
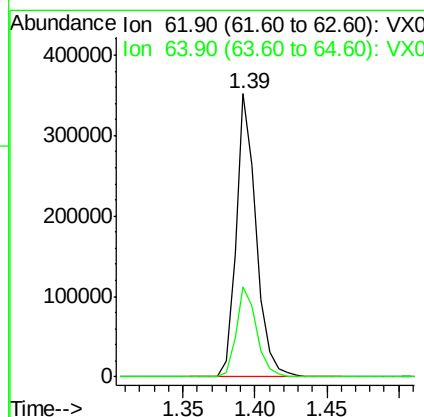
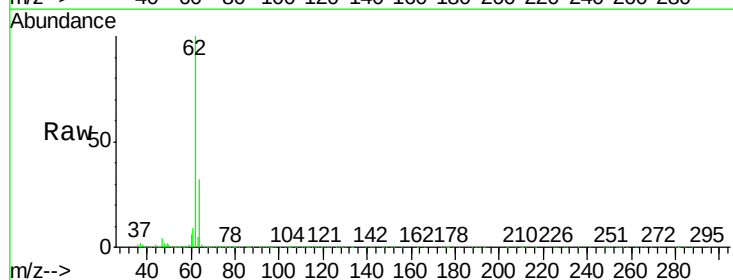
Manual Integrations
APPROVED

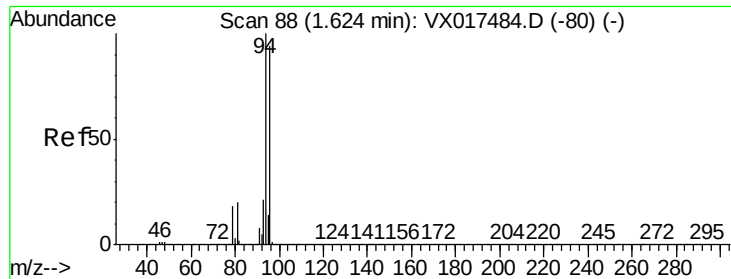
MMDadoda
7/24/2020 1:00:53 PM



#4
Vinyl Chloride
Concen: 61.077 ug/l
RT: 1.39 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.4	38.0





#5

Bromomethane

Concen: 57.494 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 207234

Ion Ratio Lower Upper

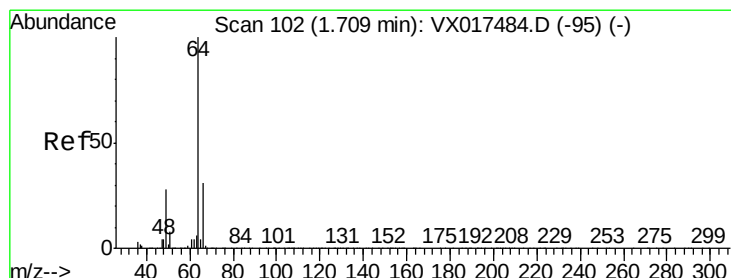
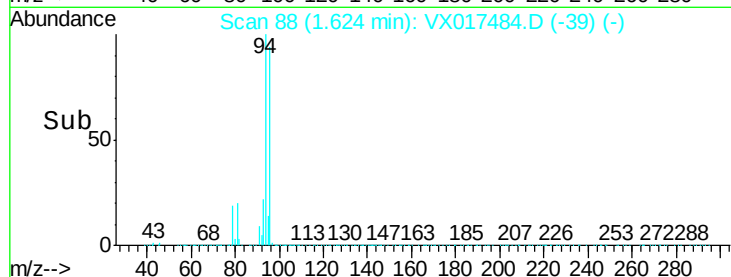
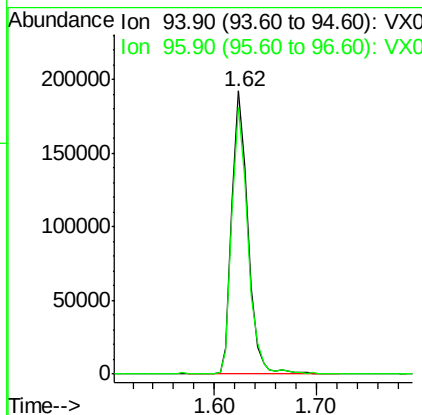
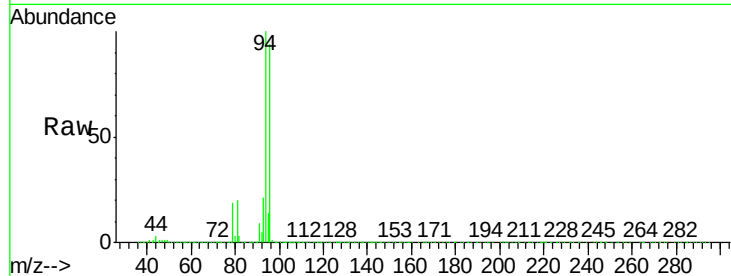
94 100

96 94.4 75.5 113.3

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:53 PM



#6

Chloroethane

Concen: 58.583 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017484.D

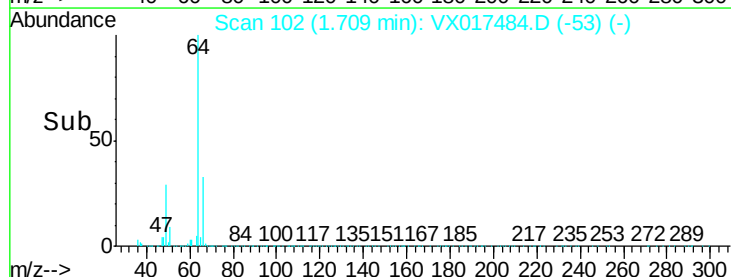
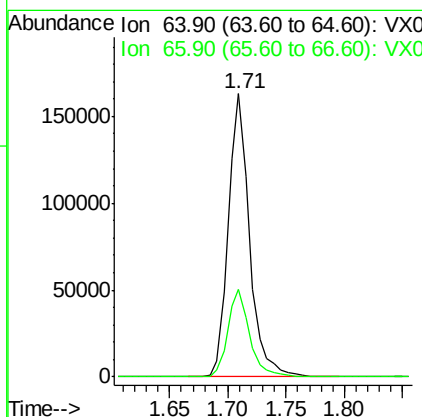
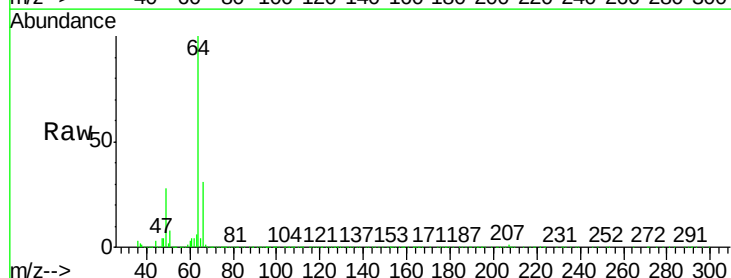
Acq: 23 Jul 2020 11:15

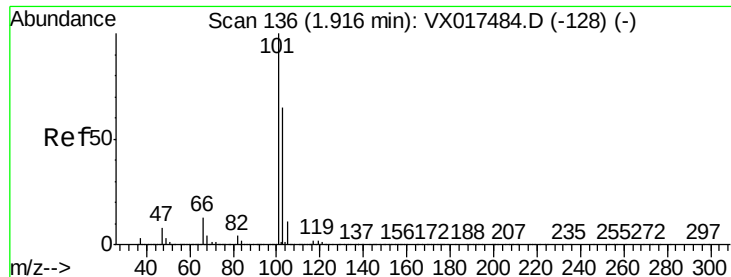
Tgt Ion: 64 Resp: 205717

Ion Ratio Lower Upper

64 100

66 31.0 24.8 37.2





#7

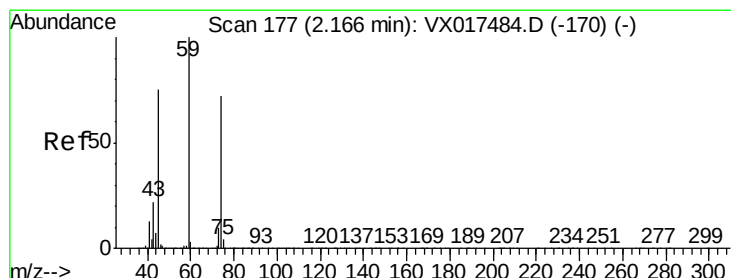
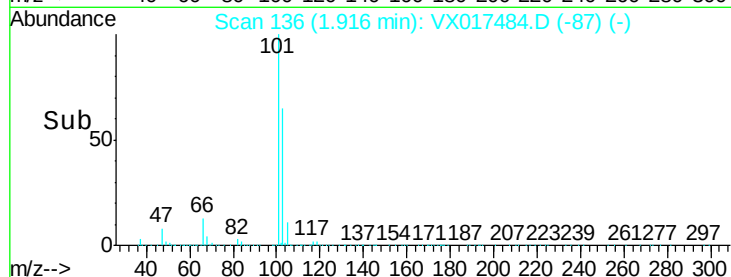
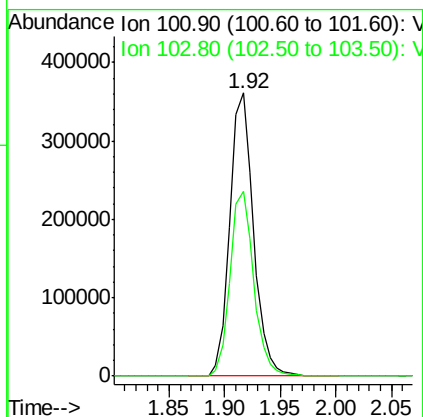
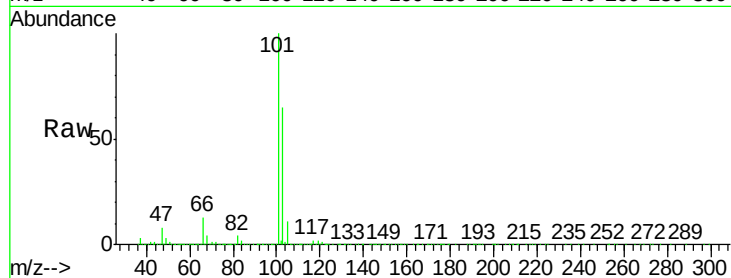
Trichlorofluoromethane
Concen: 57.362 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

Manual Integrations
APPROVED

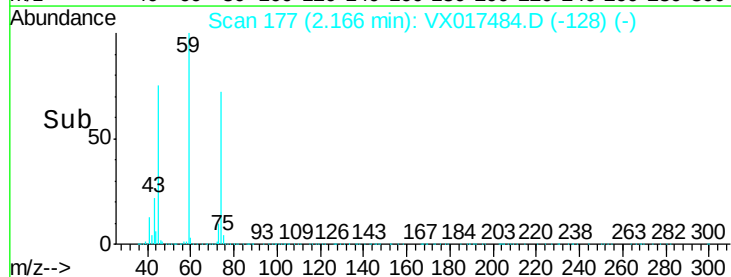
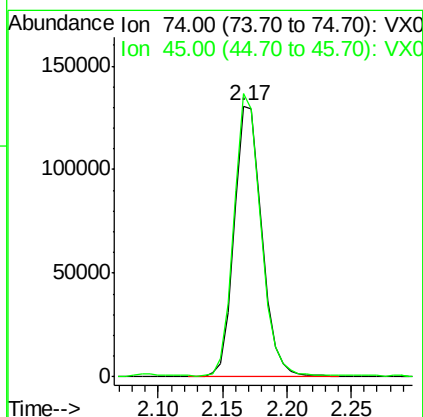
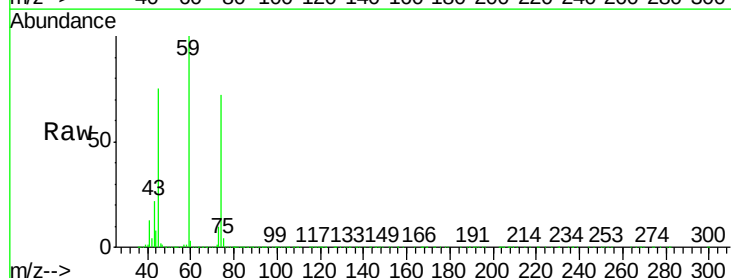
MMDadoda
7/24/2020 1:00:53 PM

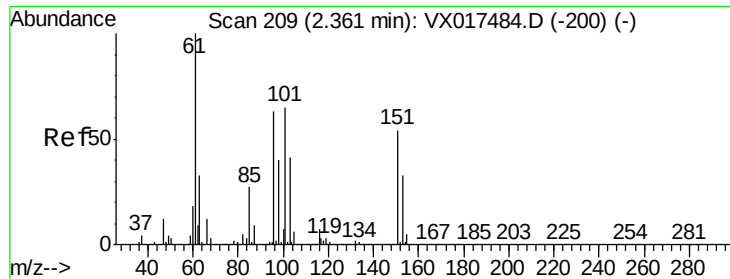


#8

Diethyl Ether
Concen: 58.616 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	50.6	151.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 57.331 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

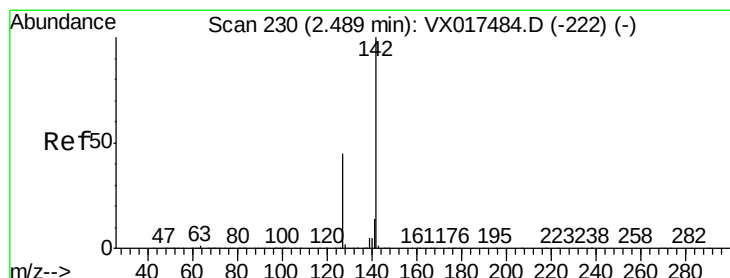
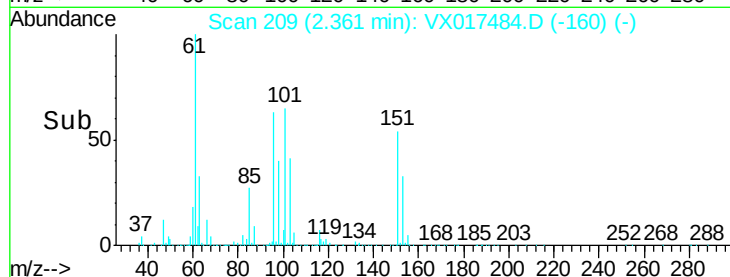
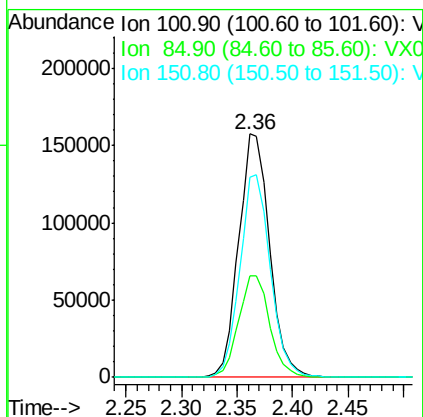
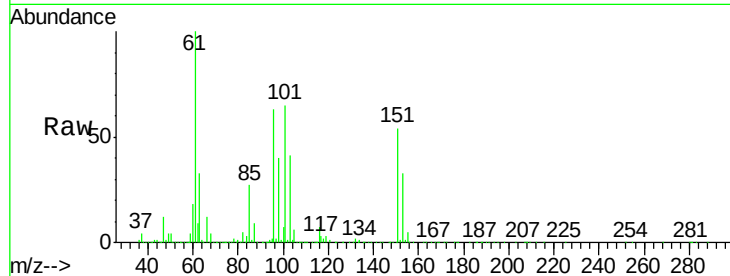
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	304314
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.6
151	82.3	65.8	98.8

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#10

Methyl Iodide

Concen: 63.861 ug/l

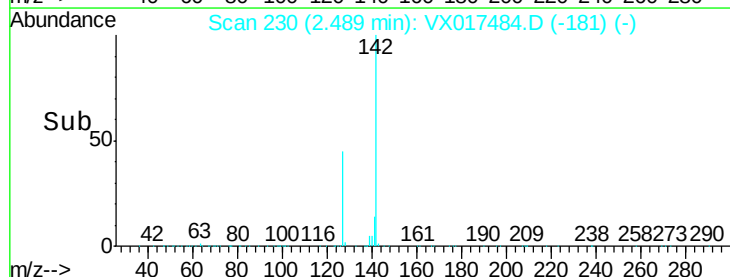
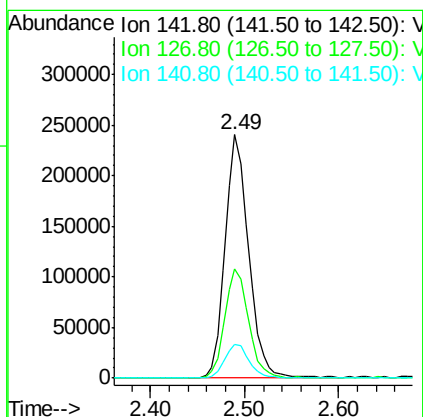
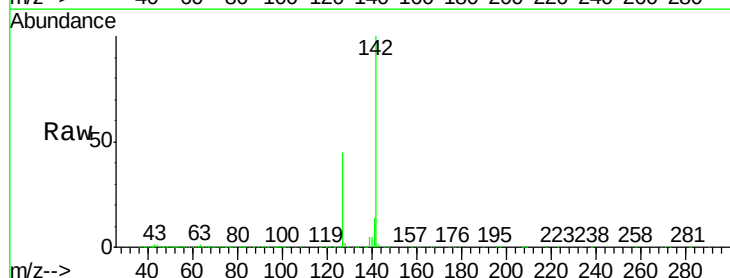
RT: 2.49 min Scan# 230

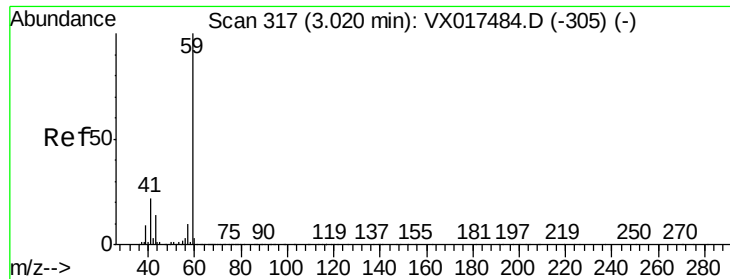
Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion:	142	Resp:	419322
Ion Ratio	Lower	Upper	
142	100		
127	45.5	36.4	54.6
141	14.3	11.4	17.2





#11

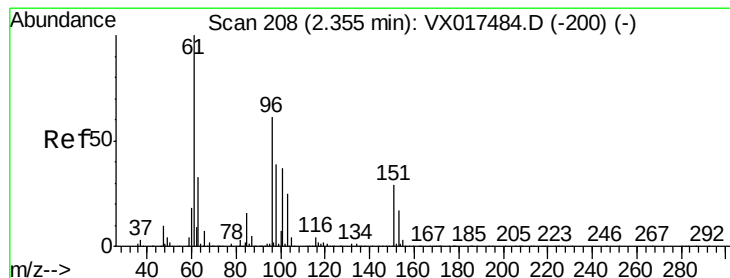
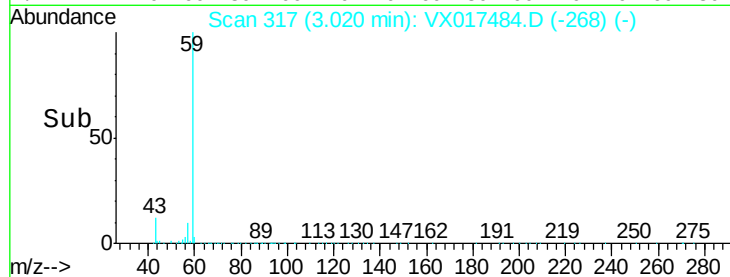
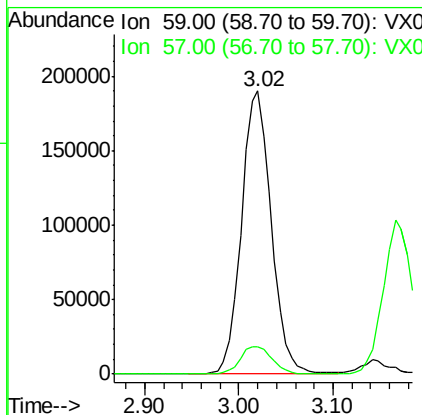
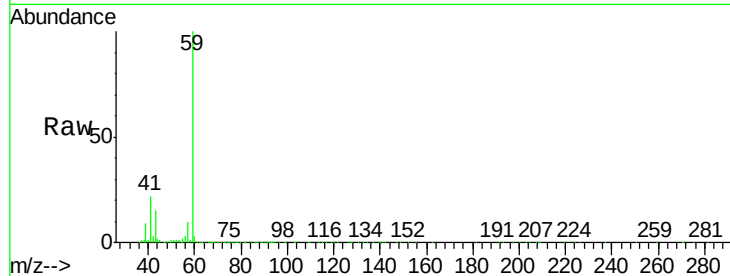
Tert butyl alcohol
Concen: 324.222 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
APPROVED

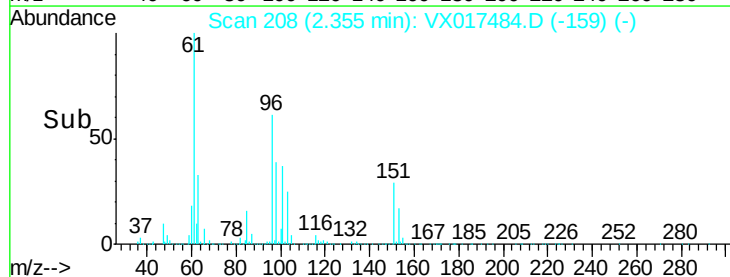
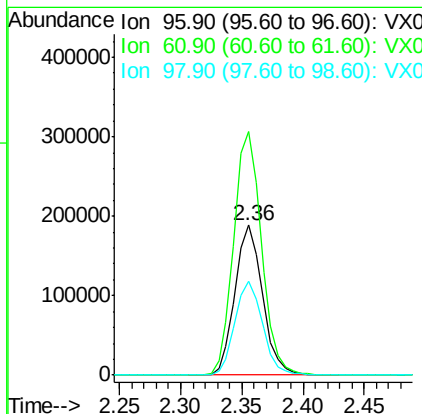
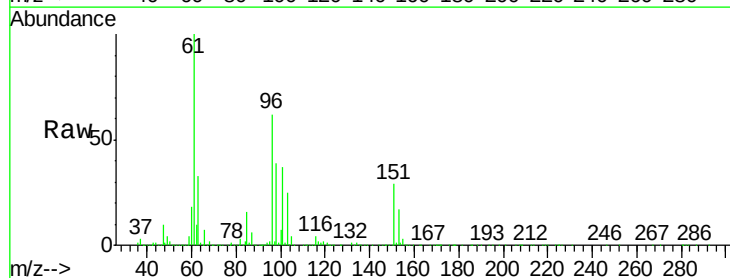
MMDadoda
7/24/2020 1:00:53 PM

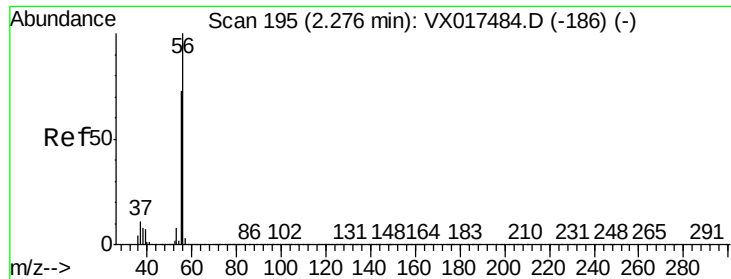


#12

1,1-Dichloroethene
Concen: 55.002 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	130.2	195.4
98	63.1	50.5	75.7





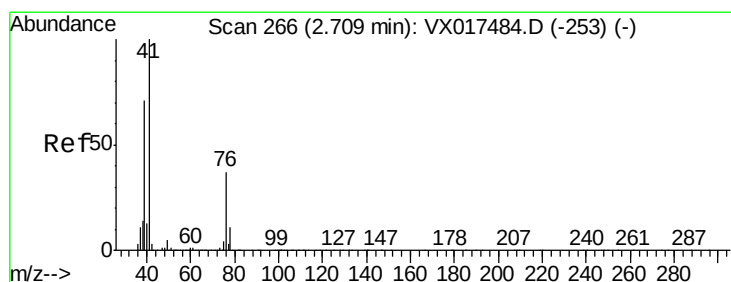
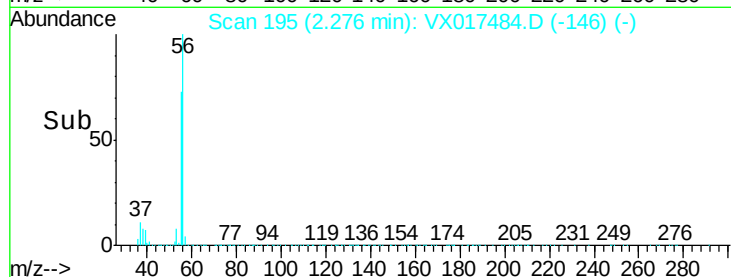
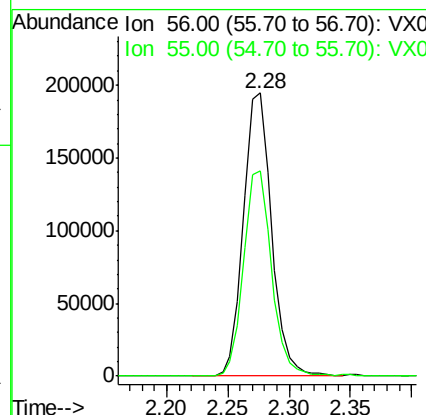
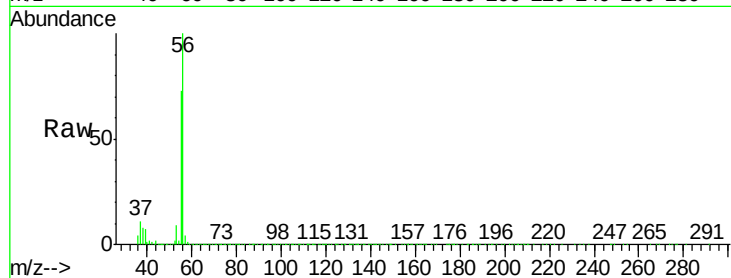
#13
Acrolein
Concen: 403.654 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.6	57.3	85.9

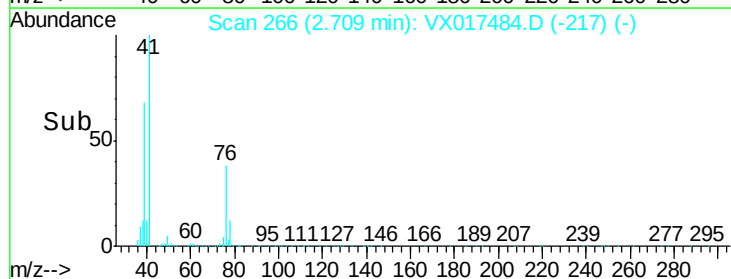
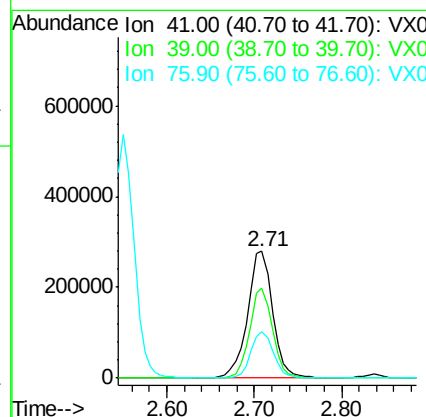
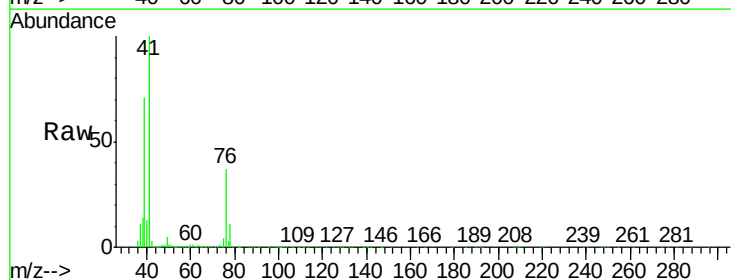
Manual Integrations
APPROVED

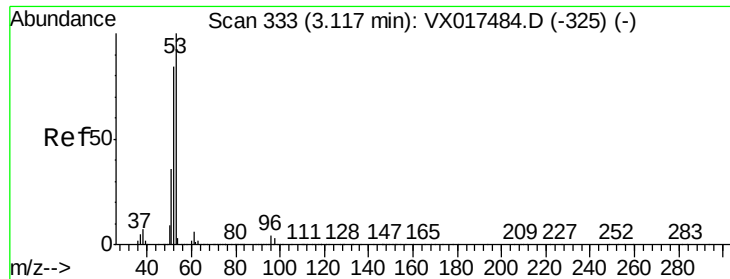
MMDadoda
7/24/2020 1:00:53 PM



#14
Allyl chloride
Concen: 59.410 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.6	51.7	77.5
76	33.0	26.4	39.6





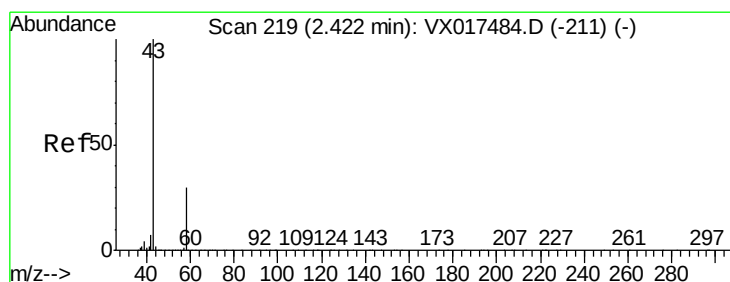
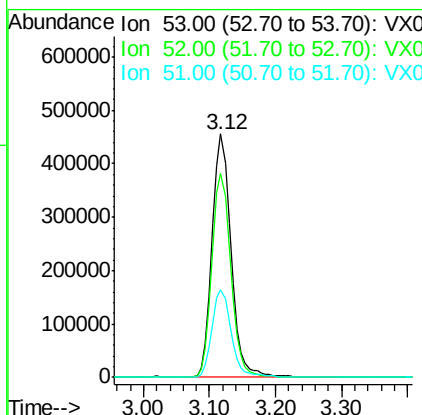
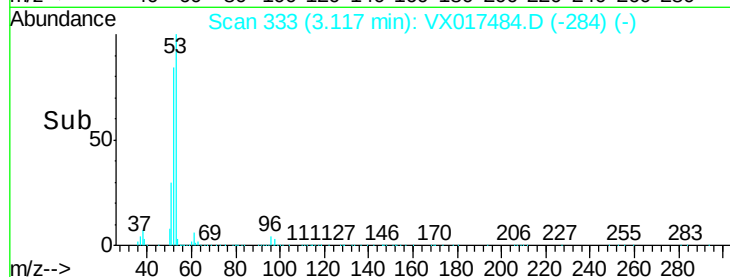
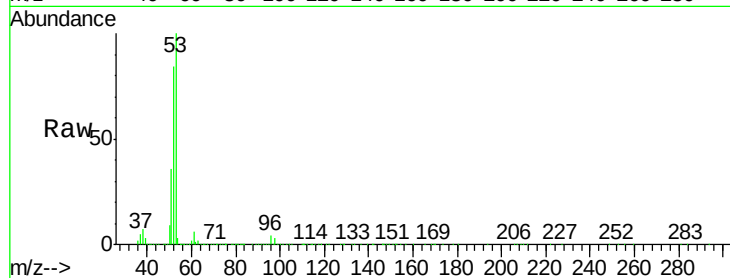
#15
 Acrylonitrile
 Concen: 298.943 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	53	Resp:	906462
Ion	Ratio	Lower	Upper
53	100		
52	83.7	67.0	100.4
51	37.0	29.6	44.4

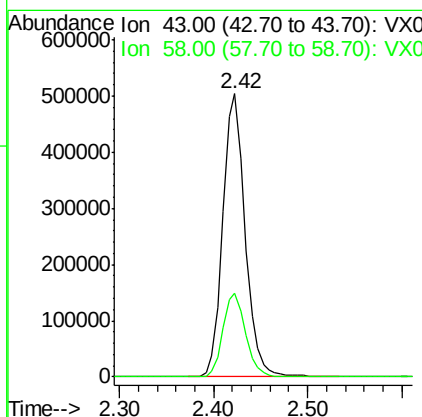
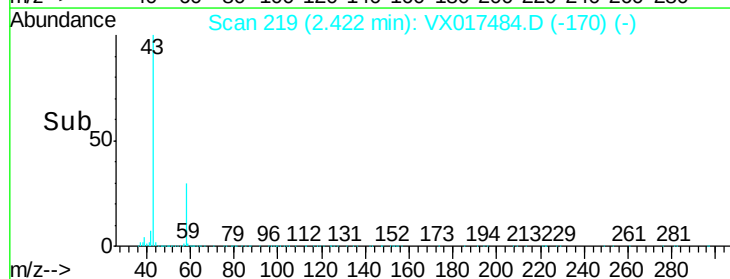
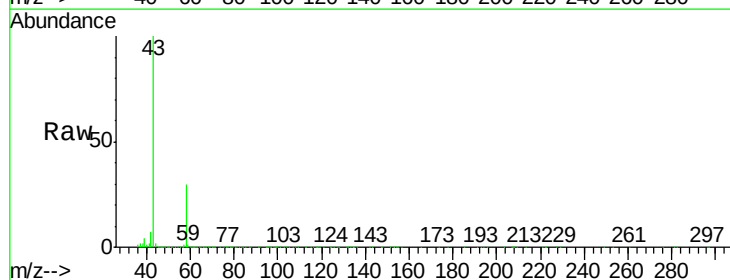
Manual Integrations
 APPROVED

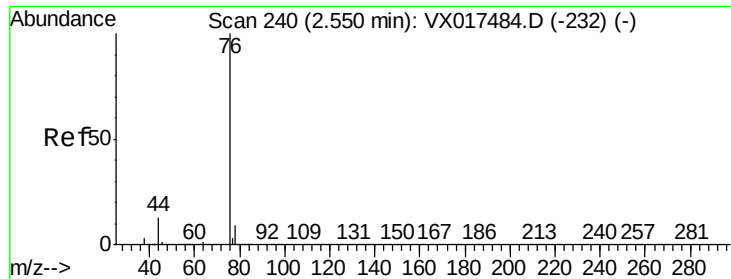
MMDadoda
 7/24/2020 1:00:53 PM



#16
 Acetone
 Concen: 305.934 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion:	43	Resp:	823832
Ion	Ratio	Lower	Upper
43	100		
58	29.6	23.7	35.5





#17

Carbon Disulfide

Concen: 56.158 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 871571

Ion Ratio Lower Upper

76 100

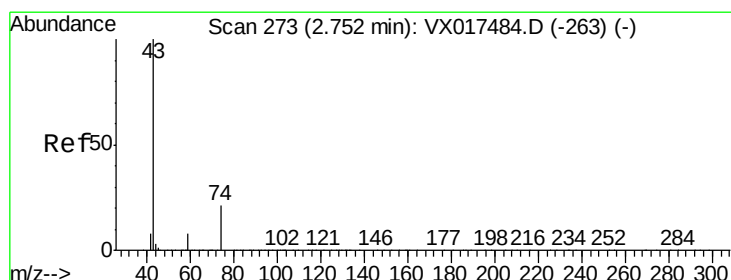
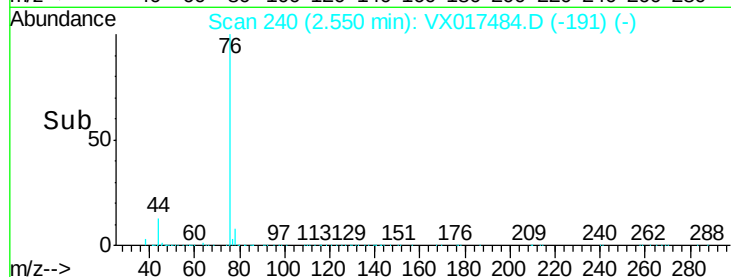
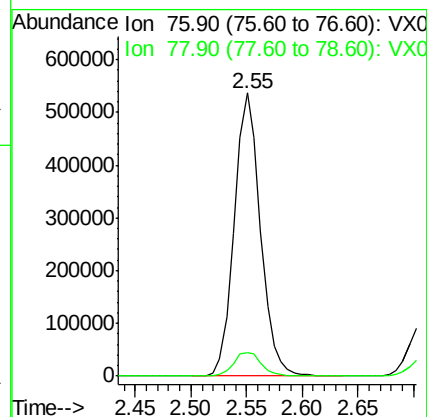
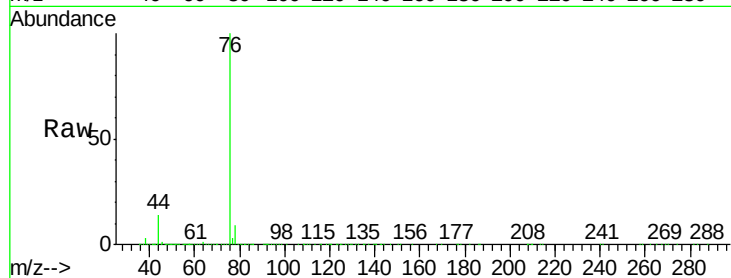
78 8.5 6.8 10.2

Manual Integrations

APPROVED

MMDadoda

7/24/2020 1:00:53 PM



#18

Methyl Acetate

Concen: 61.291 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017484.D

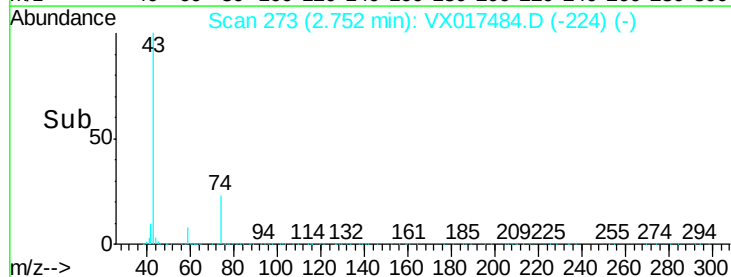
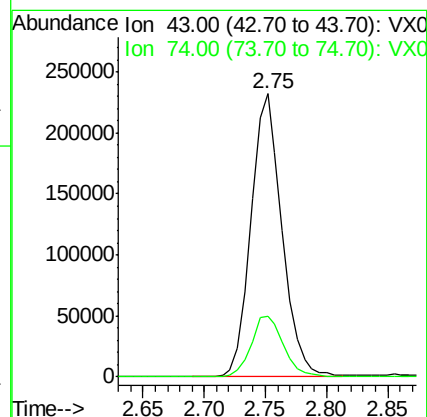
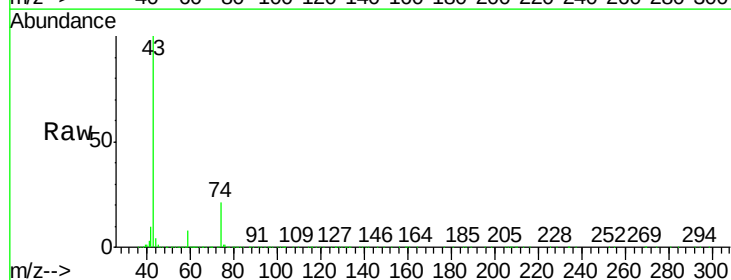
Acq: 23 Jul 2020 11:15

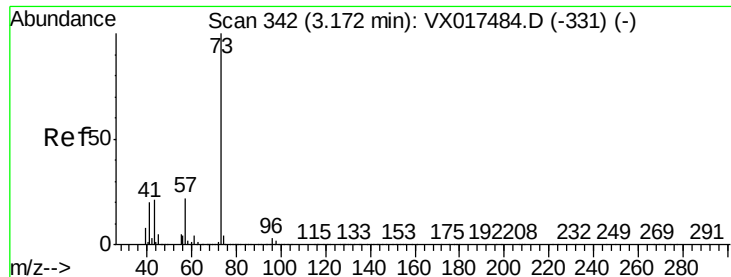
Tgt Ion: 43 Resp: 407206

Ion Ratio Lower Upper

43 100

74 22.6 18.1 27.1





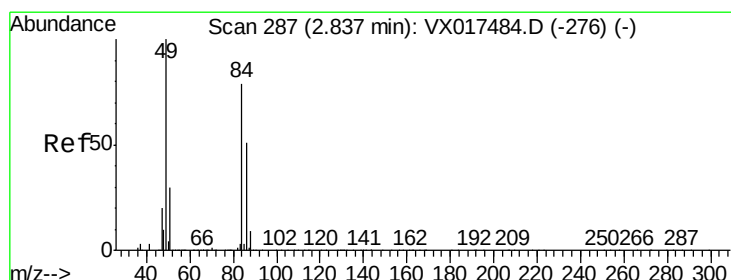
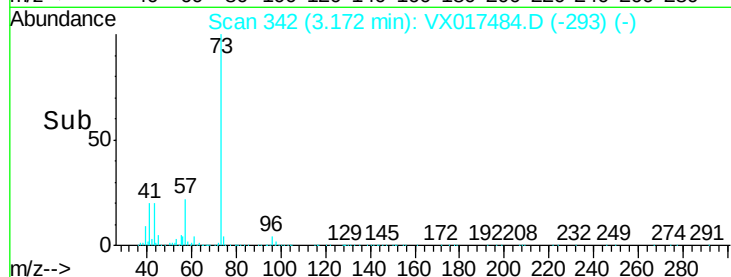
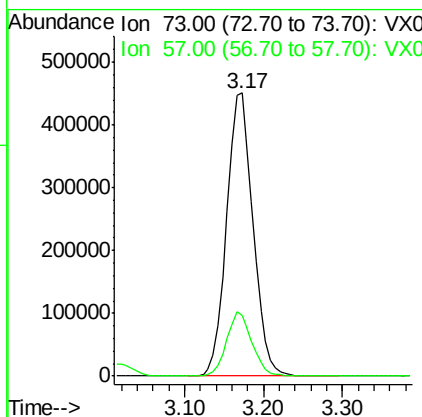
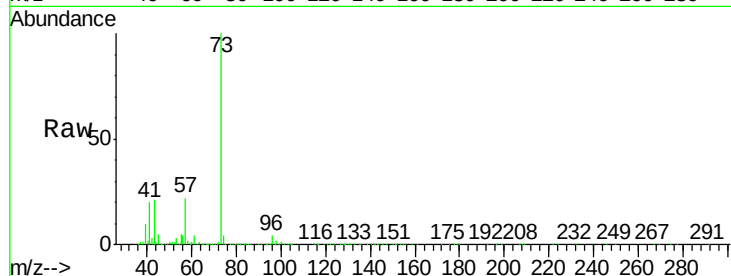
#19
Methyl tert-butyl Ether
Concen: 57.965 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 1049498
Ion Ratio Lower Upper
73 100
57 21.6 17.3 25.9

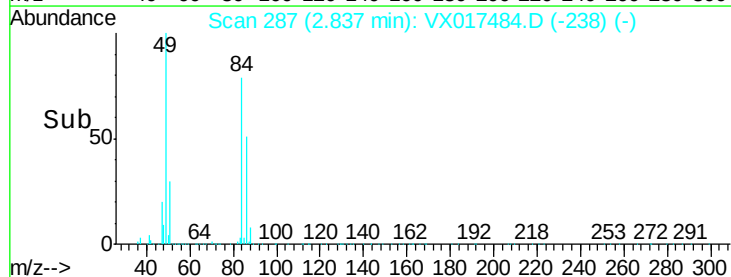
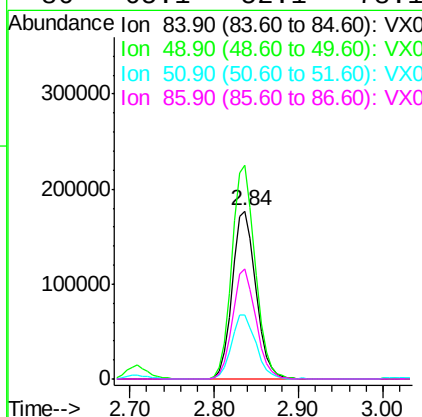
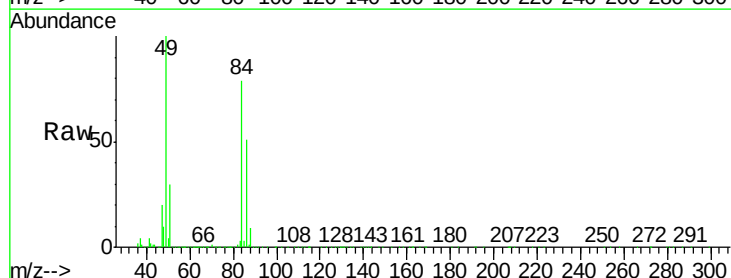
Manual Integrations
APPROVED

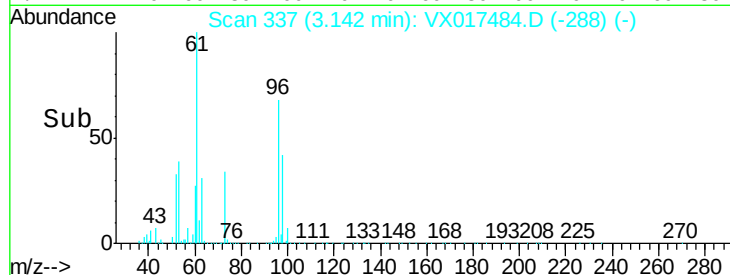
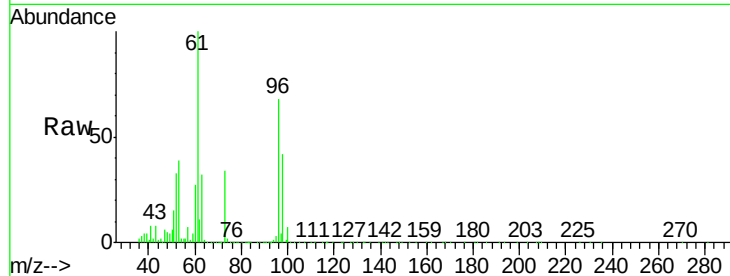
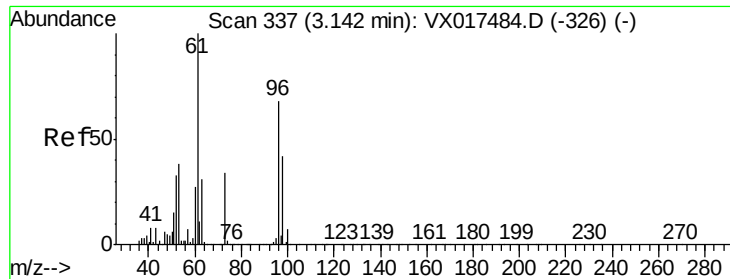
MMDadoda
7/24/2020 1:00:53 PM



#20
Methylene Chloride
Concen: 52.540 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion: 84 Resp: 335046
Ion Ratio Lower Upper
84 100
49 126.8 101.4 152.2
51 38.2 30.6 45.8
86 65.1 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 52.371 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017484.D

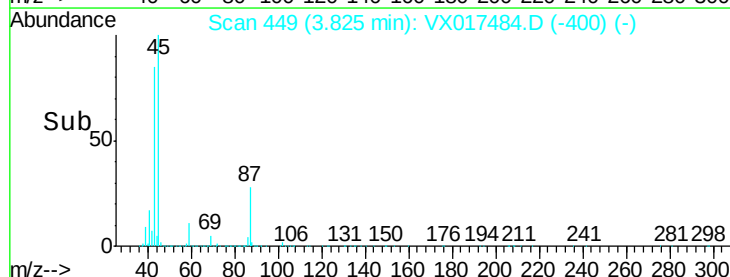
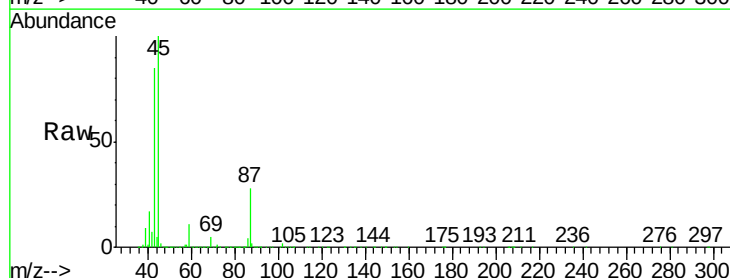
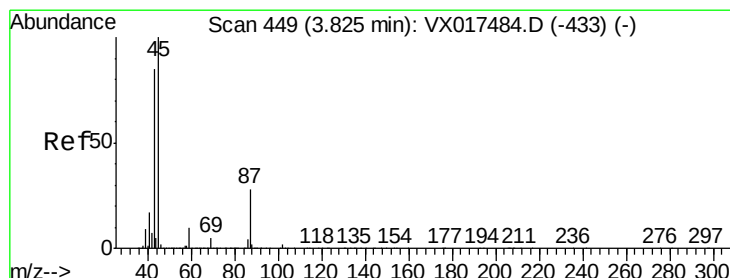
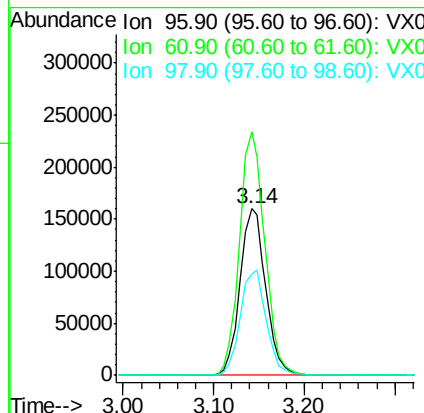
Acq: 23 Jul 2020 11:15

Tot Ion:	96	Resp:	314400
Ion	Ratio	Lower	Upper
96	100		
61	146.5	117.2	175.8
98	61.2	49.0	73.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#22

Diisopropyl ether

Concen: 54.813 ug/l

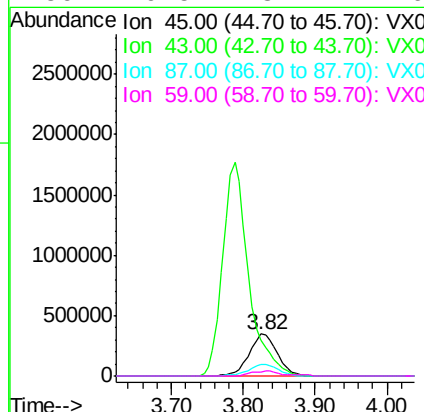
RT: 3.82 min Scan# 449

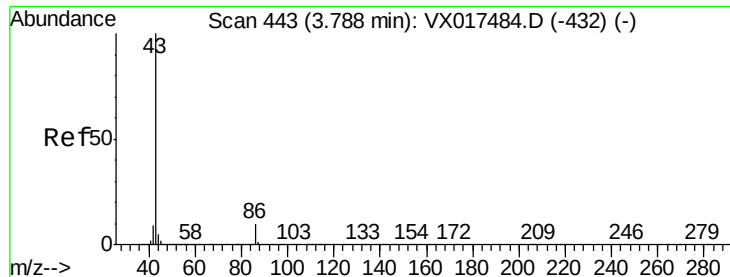
Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion:	45	Resp:	953636
Ion	Ratio	Lower	Upper
45	100		
43	85.0	68.0	102.0
87	27.8	22.2	33.4
59	10.5	8.4	12.6





#23

Vinyl Acetate

Concen: 290.006 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 4465496

Ion Ratio Lower Upper

43 100

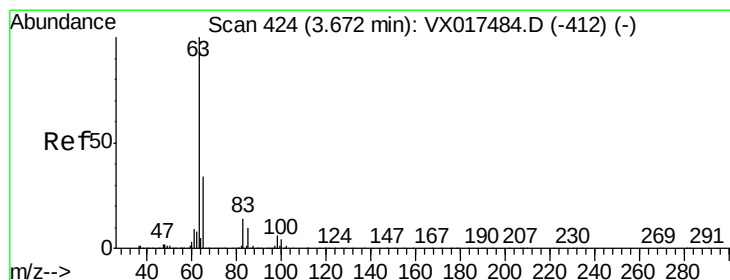
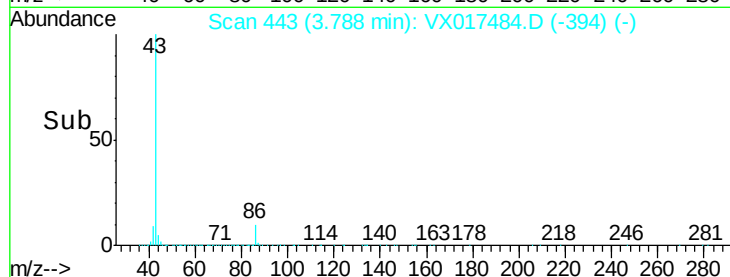
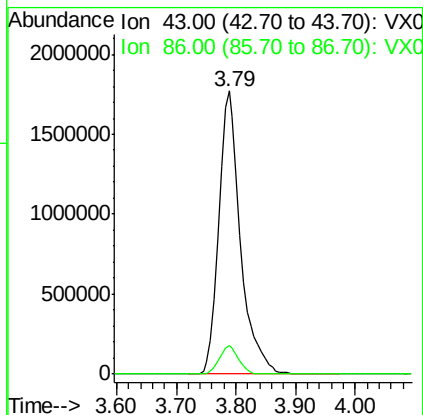
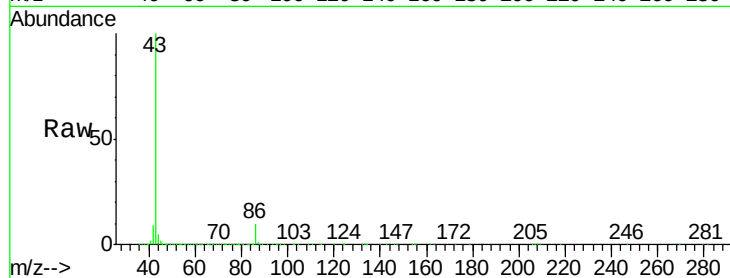
86 10.0 8.0 12.0

Manual Integrations

APPROVED

MMDadoda

7/24/2020 1:00:53 PM



#24

1,1-Dichloroethane

Concen: 52.466 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

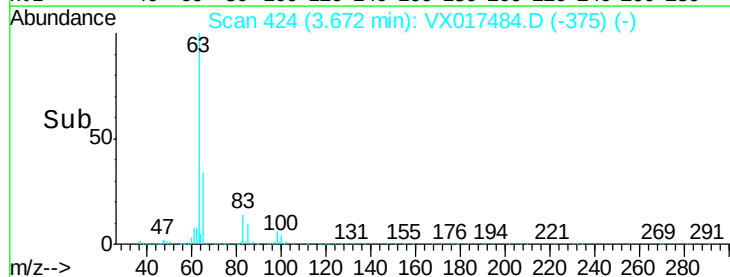
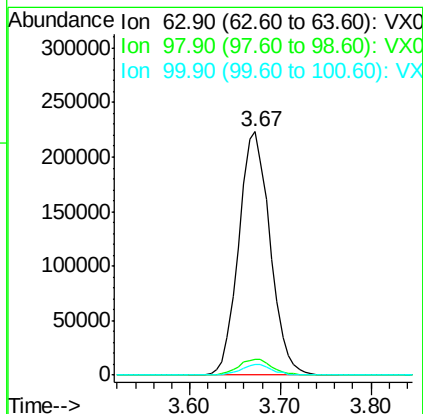
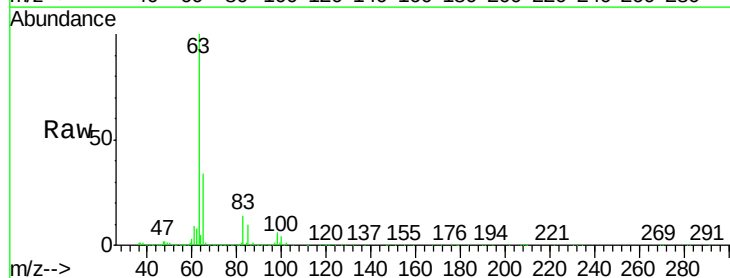
Tgt Ion: 63 Resp: 534731

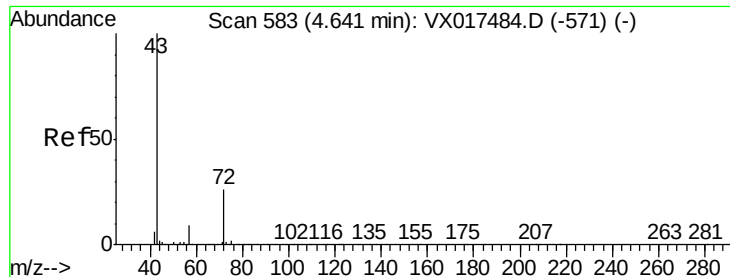
Ion Ratio Lower Upper

63 100

98 6.4 3.2 9.6

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 284.402 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1184800

Ion Ratio Lower Upper

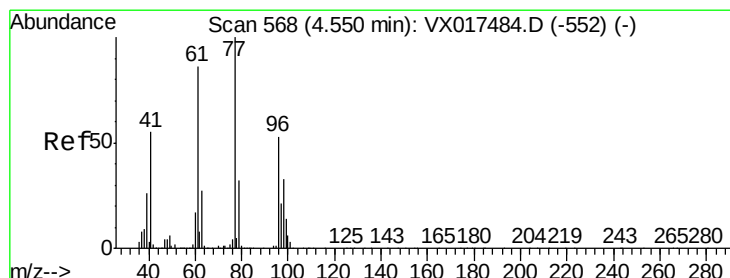
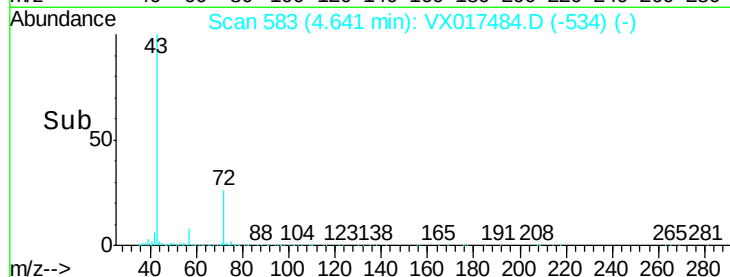
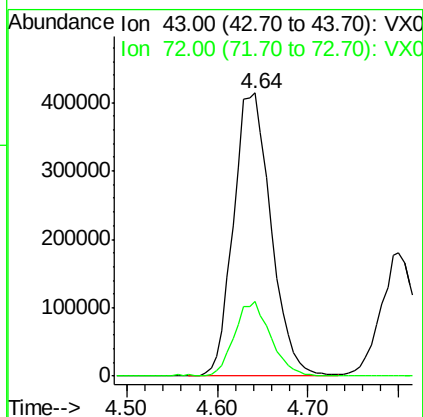
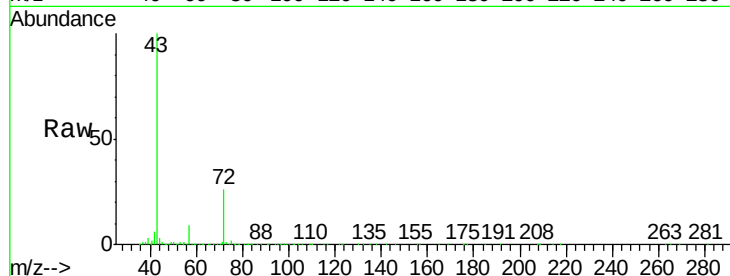
43 100

72 26.2 21.0 31.4

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:53 PM



#26

2,2-Dichloropropane

Concen: 51.534 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017484.D

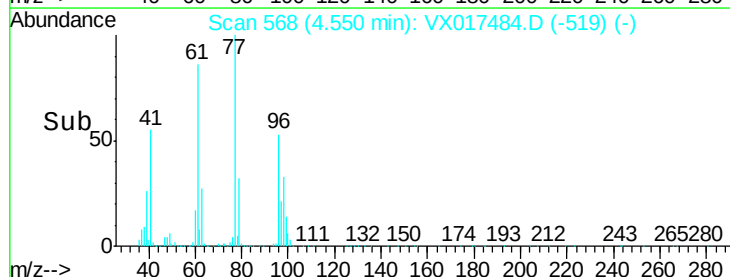
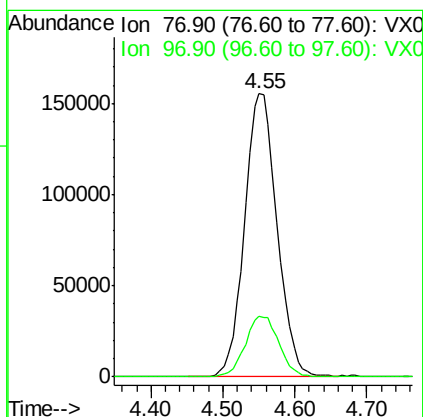
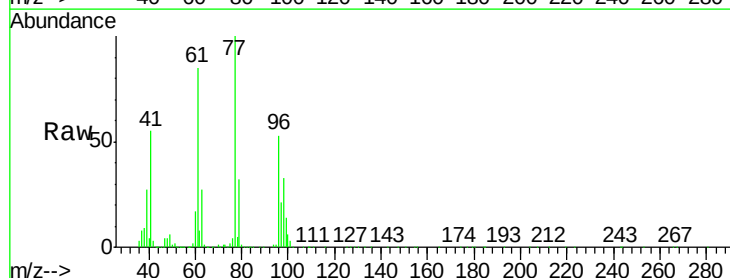
Acq: 23 Jul 2020 11:15

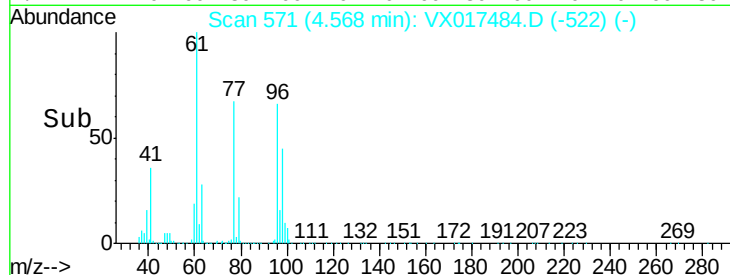
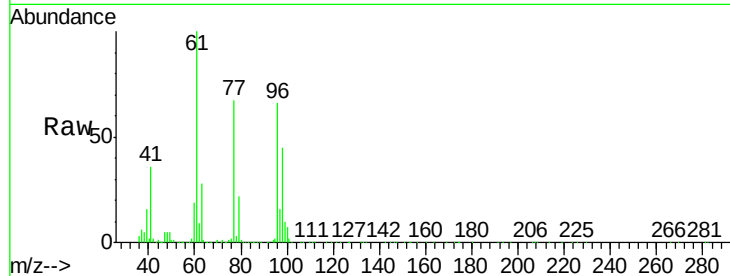
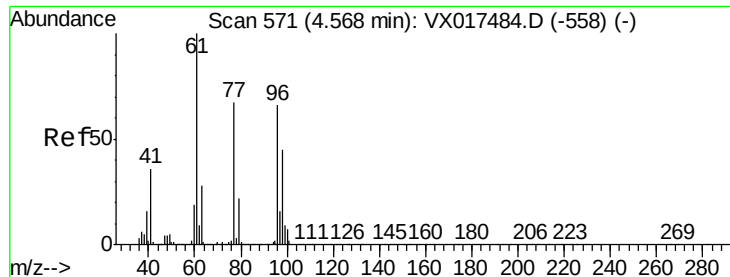
Tgt Ion: 77 Resp: 485920

Ion Ratio Lower Upper

77 100

97 22.2 11.1 33.3





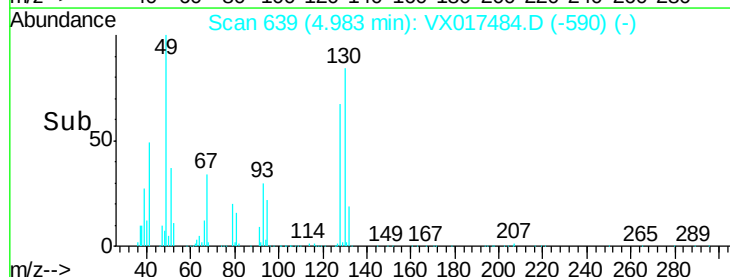
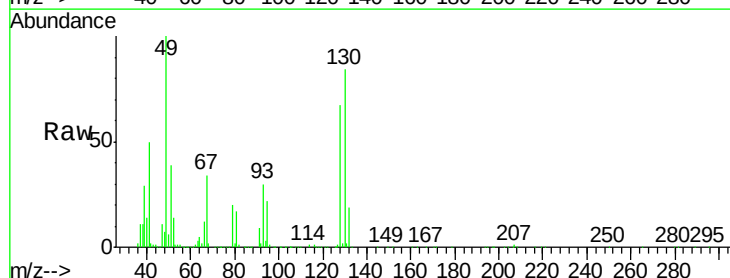
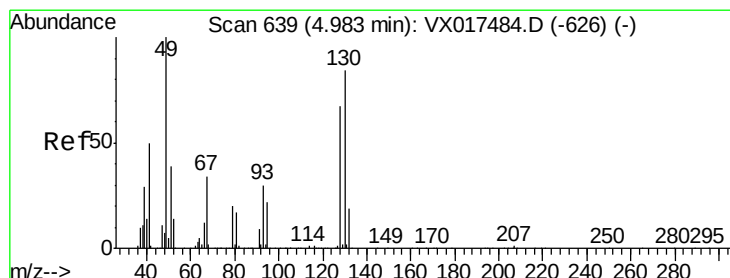
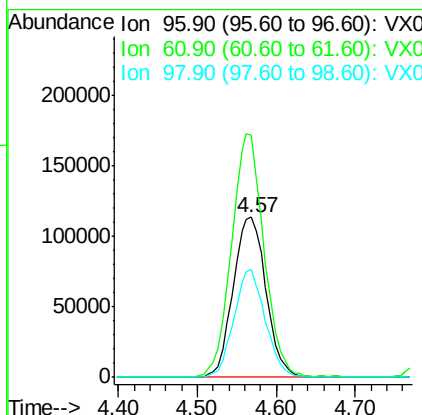
#27
cis-1,2-Dichloroethene
Concen: 50.416 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tot Ion	Ratio	Resp	Lower	Upper
96	100	329368		
61	149.6	0.0	299.2	
98	63.8	0.0	127.6	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

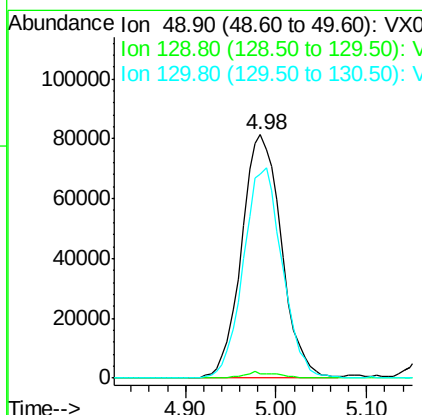
Manual Integrations
APPROVED

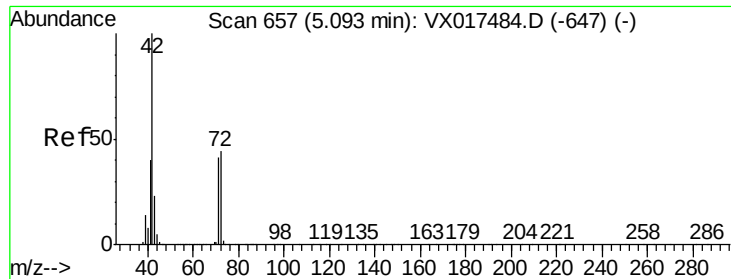
MMDadoda
7/24/2020 1:00:53 PM



#28
Bromochloromethane
Concen: 52.527 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	247018		
129	2.2	0.0	4.4	
130	85.0	68.0	102.0	





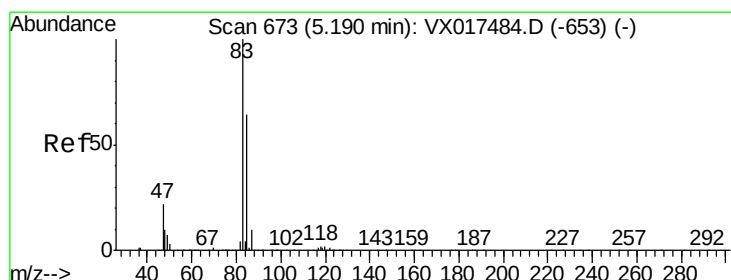
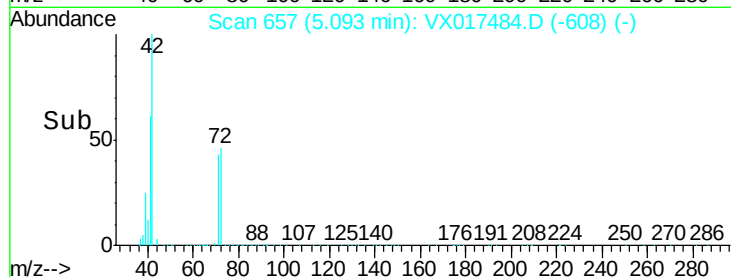
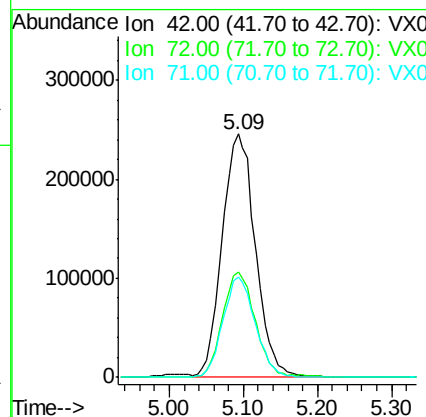
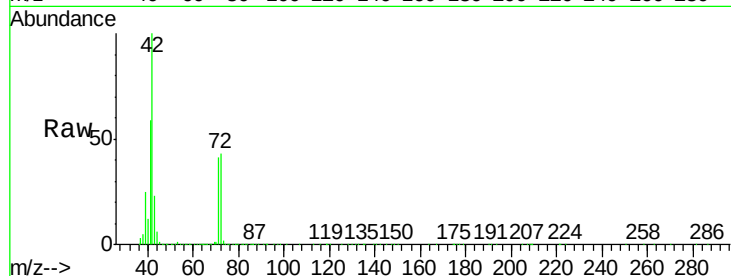
#29
Tetrahydrofuran
Concen: 282.506 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.6	34.1	51.1
71	40.4	32.3	48.5

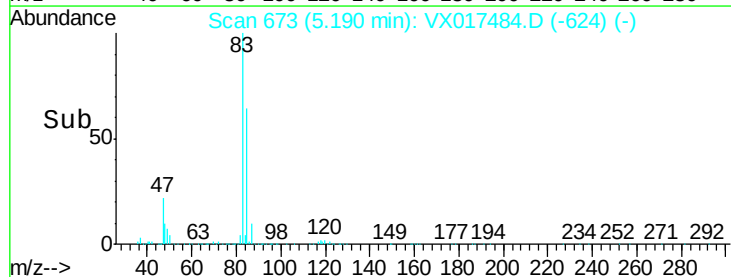
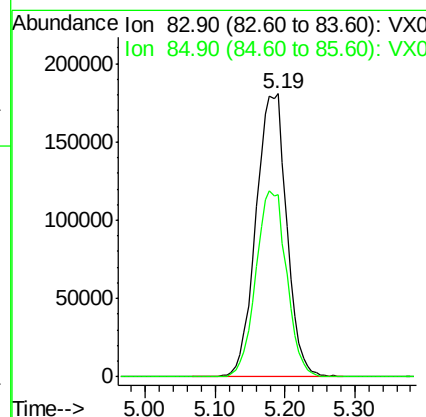
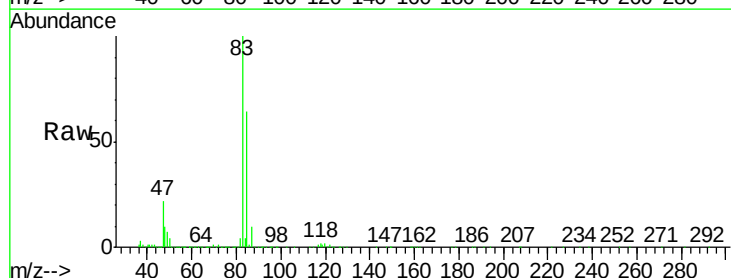
Manual Integrations
APPROVED

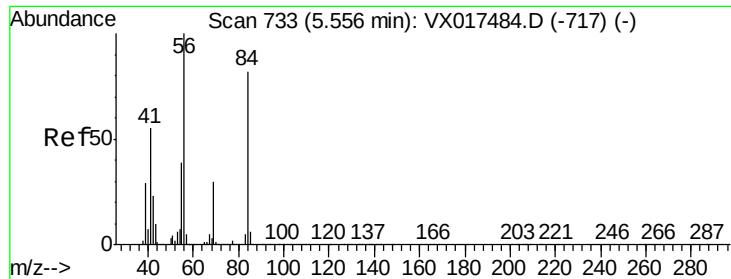
MMDadoda
7/24/2020 1:00:53 PM



#30
Chloroform
Concen: 50.934 ug/l
RT: 5.19 min Scan# 673
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.4	77.0





#31

Cyclohexane

Concen: 52.647 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

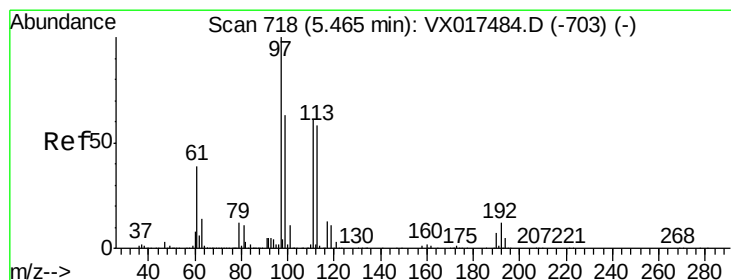
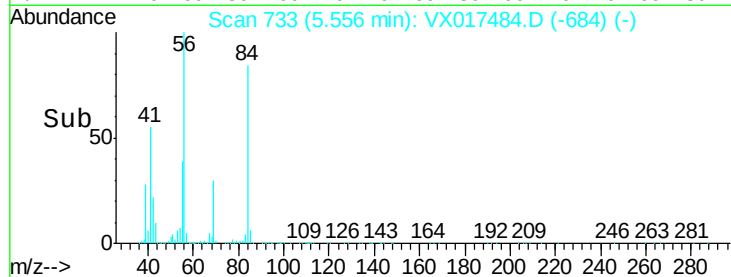
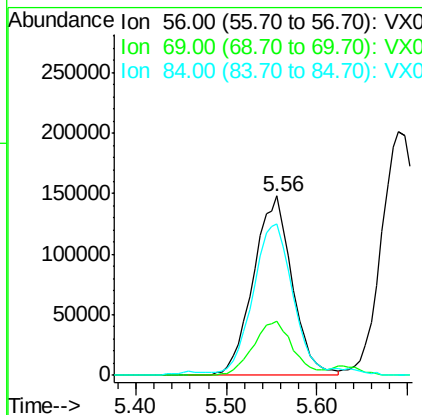
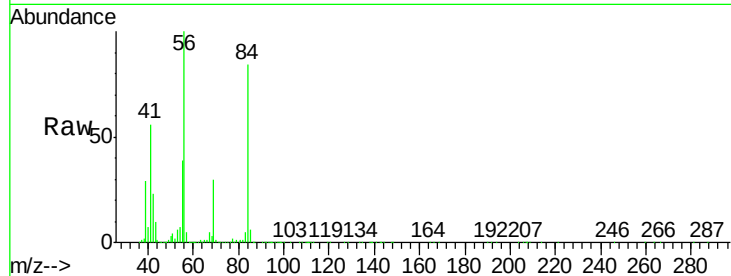
ClientSampleId :

VSTDICCC050

Tot Ion	56	Resp	436050
Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.1	36.1
84	82.3	65.8	98.8

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#32

1,1,1-Trichloroethane

Concen: 52.076 ug/l

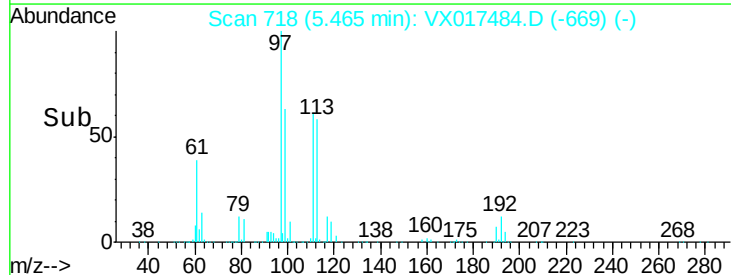
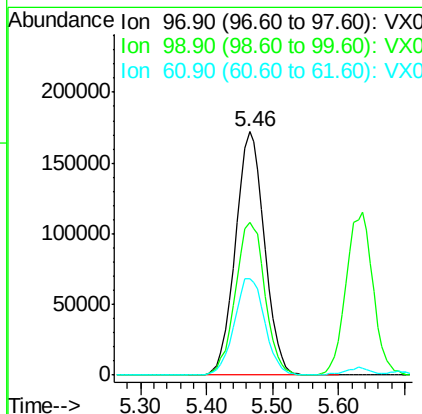
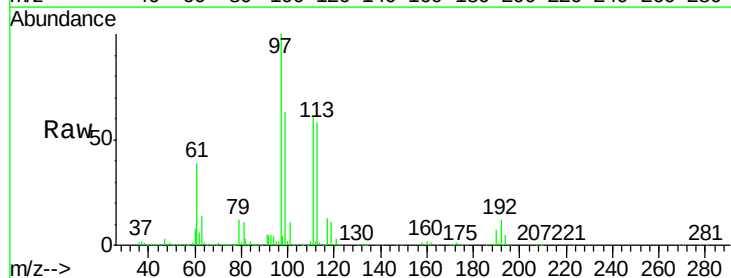
RT: 5.46 min Scan# 718

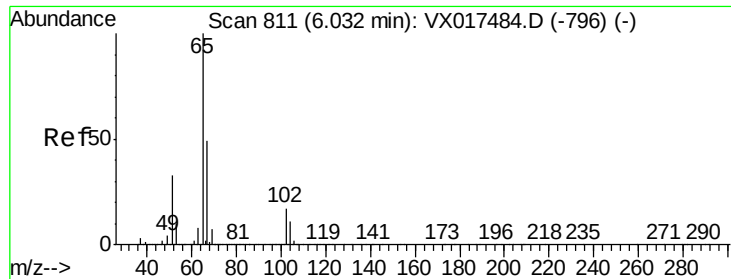
Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion	97	Resp	524522
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	41.7	33.4	50.0





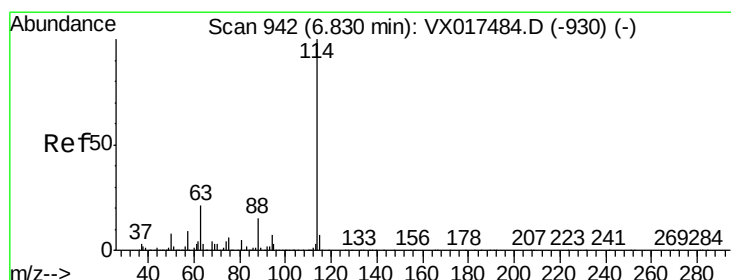
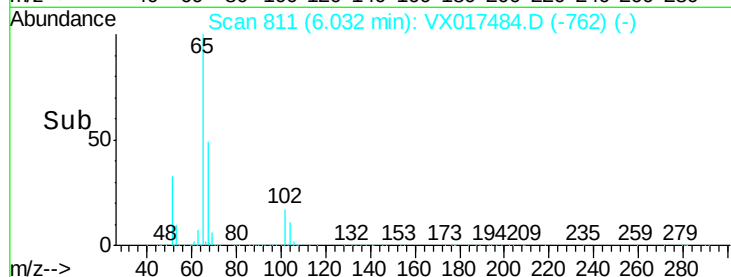
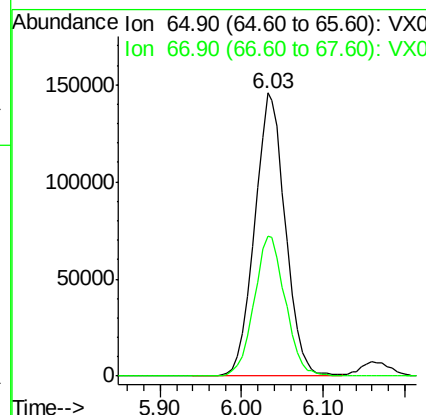
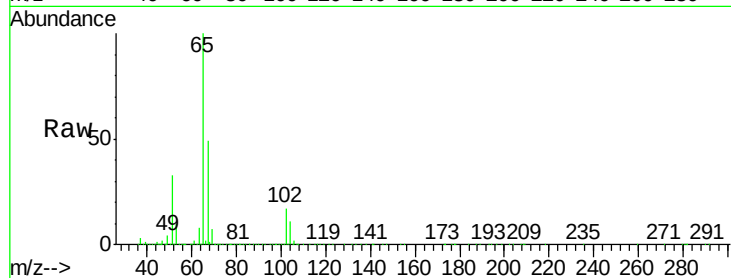
#33
 1,2-Dichloroethane-d4
 Concen: 52.158 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	381225		
67	50.5	0.0	101.0	

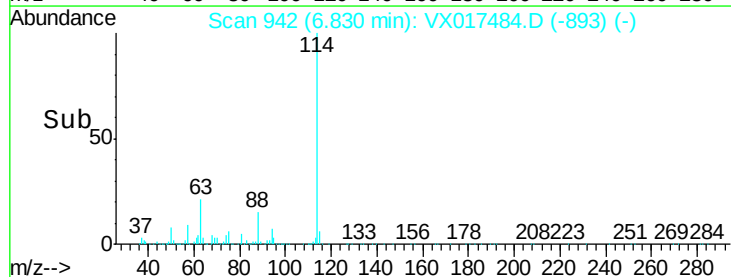
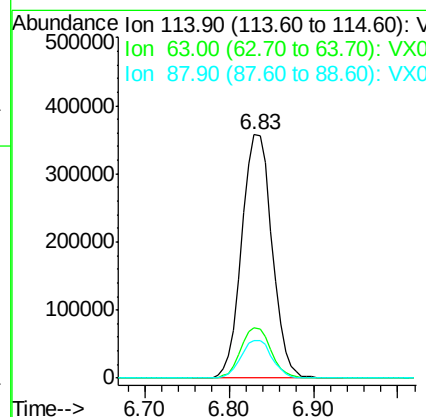
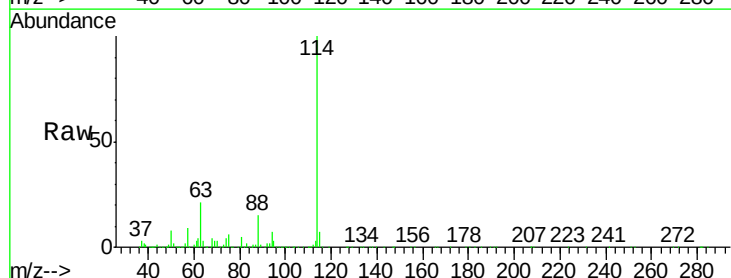
Manual Integrations
 APPROVED

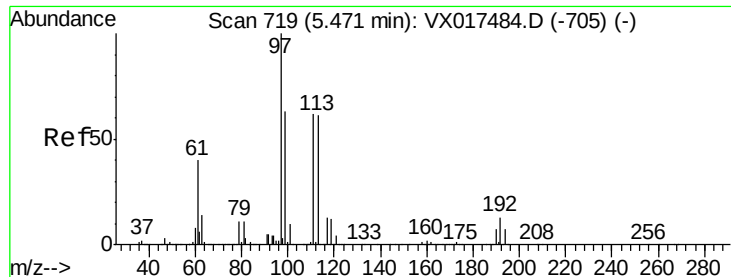
MMDadoda
 7/24/2020 1:00:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	868292		
63	20.6	0.0	41.2	
88	15.3	0.0	30.6	





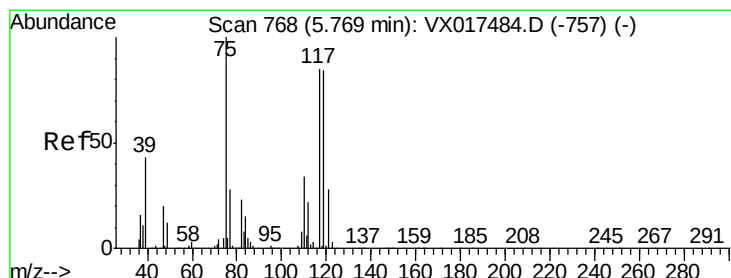
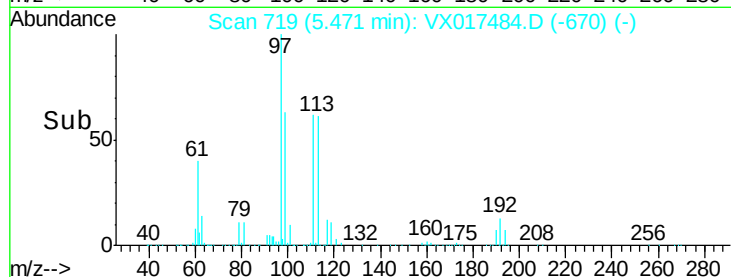
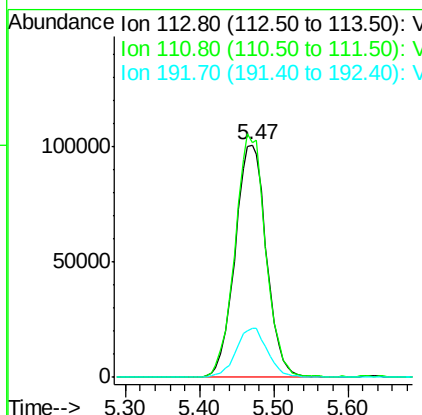
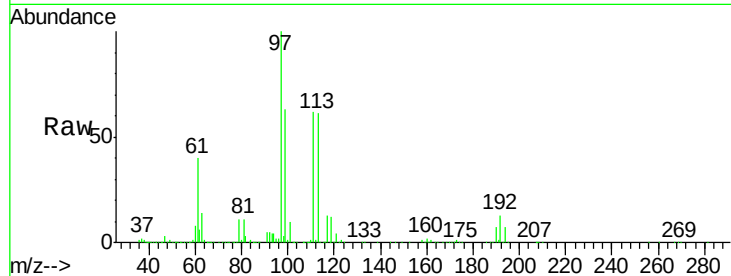
#35
Dibromofluoromethane
Concen: 50.452 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	297206		
111	102.7	82.2	123.2	
192	21.2	17.0	25.4	

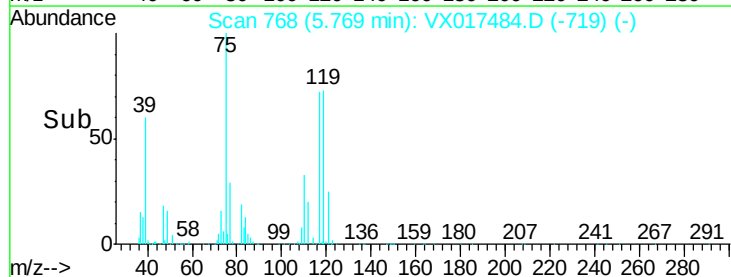
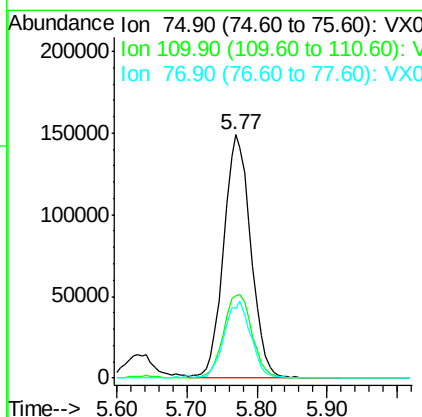
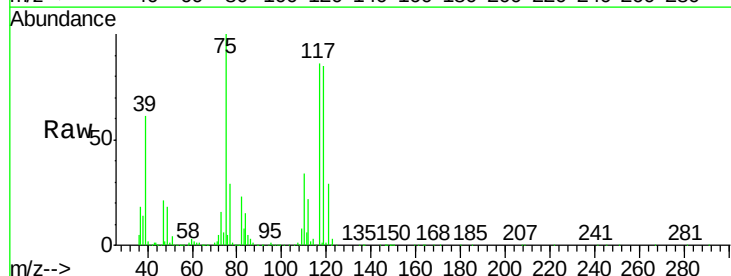
Manual Integrations
APPROVED

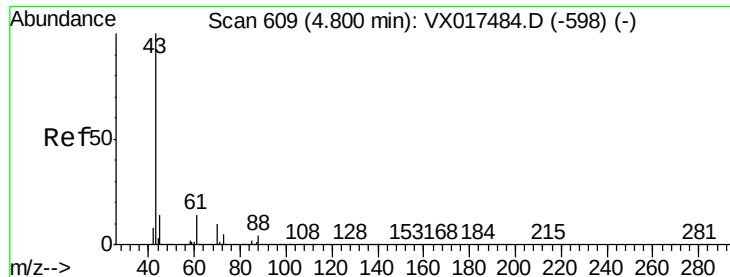
MMDadoda
7/24/2020 1:00:53 PM



#36
1,1-Dichloropropene
Concen: 50.398 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	401097		
110	36.2	18.1	54.3	
77	30.6	24.5	36.7	





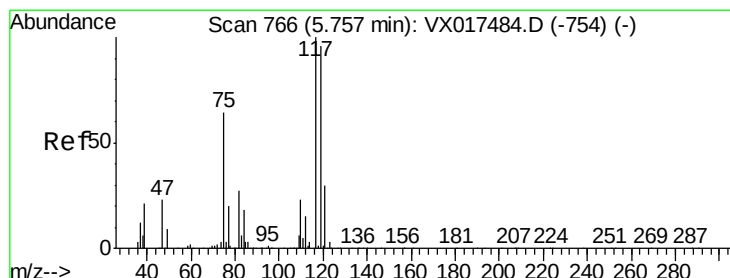
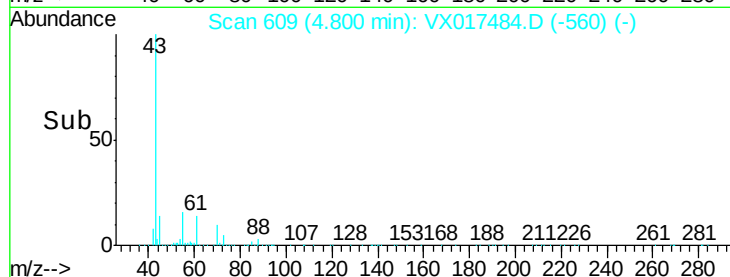
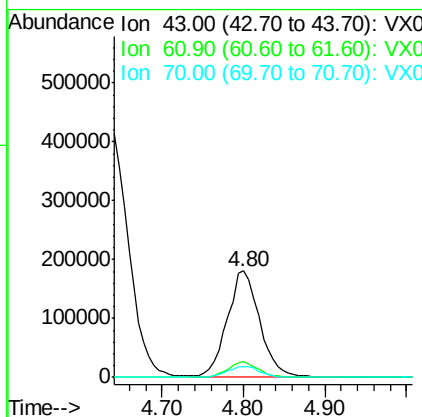
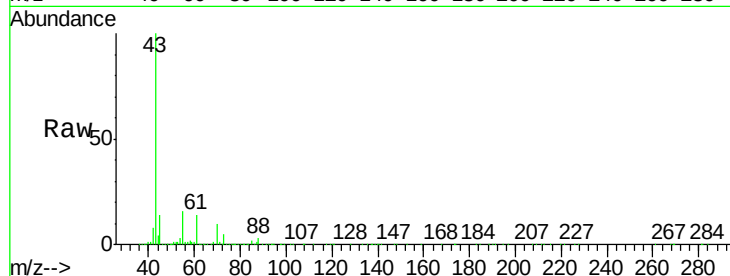
#37
Ethyl Acetate
Concen: 58.075 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	10.5	8.4	12.6

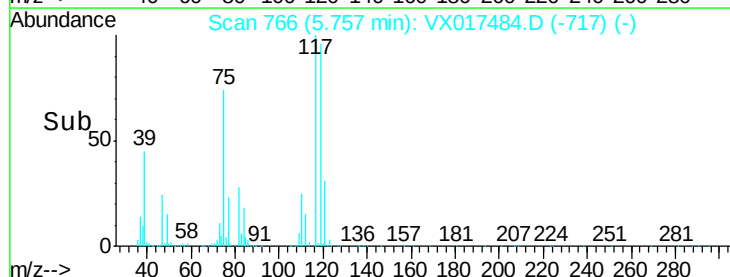
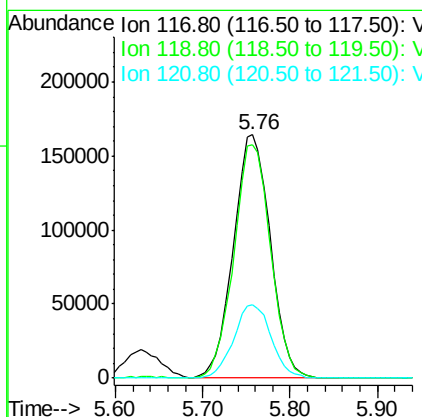
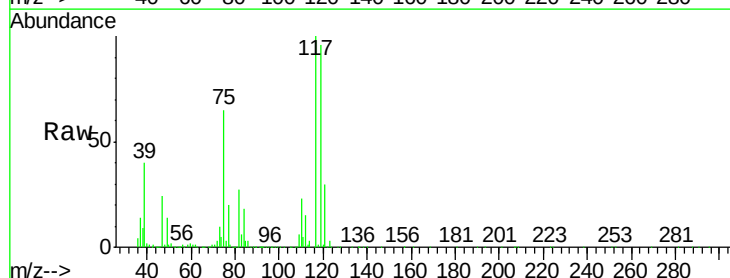
Manual Integrations
APPROVED

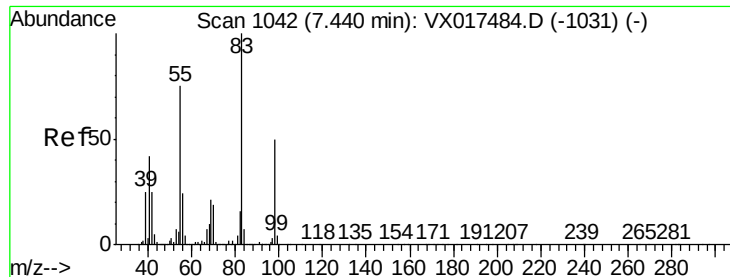
MMDadoda
7/24/2020 1:00:53 PM



#38
Carbon Tetrachloride
Concen: 51.484 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.7	115.1
121	30.2	24.2	36.2





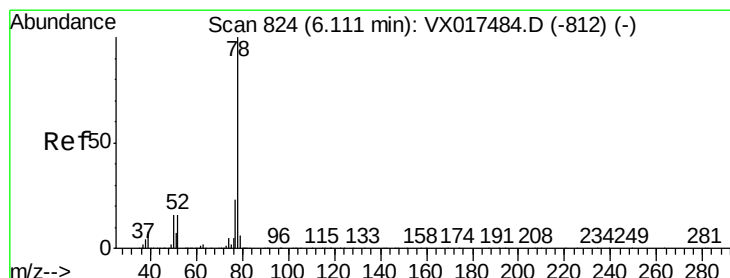
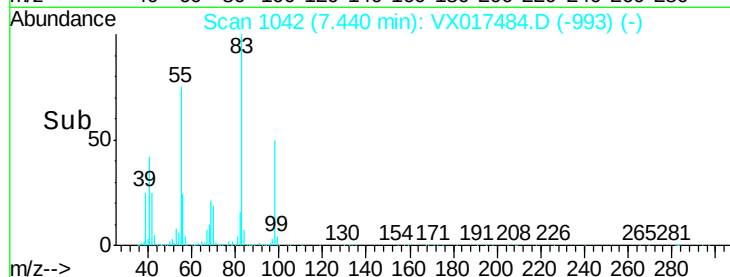
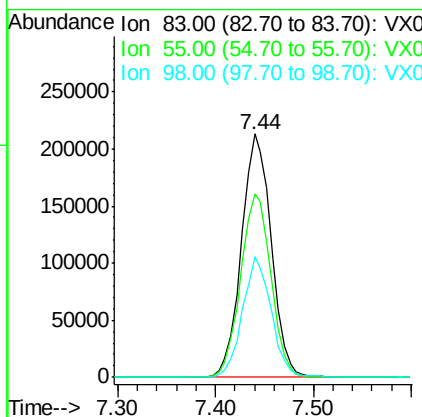
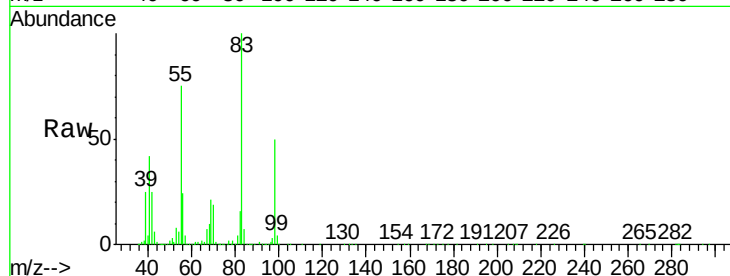
#39
Methylvlcyclohexane
Concen: 52.224 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.2	60.2	90.2
98	49.7	39.8	59.6

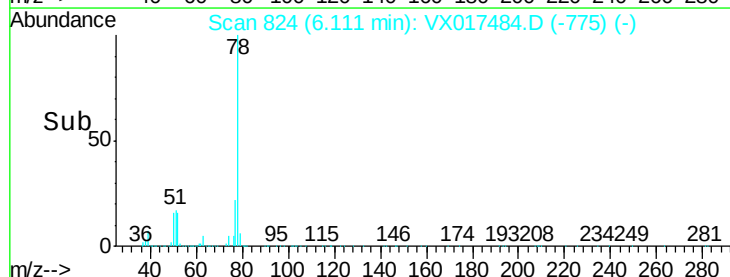
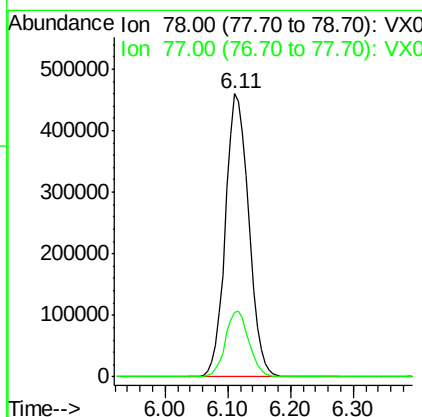
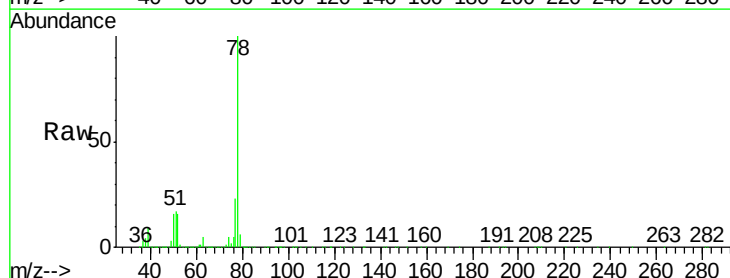
Manual Integrations
APPROVED

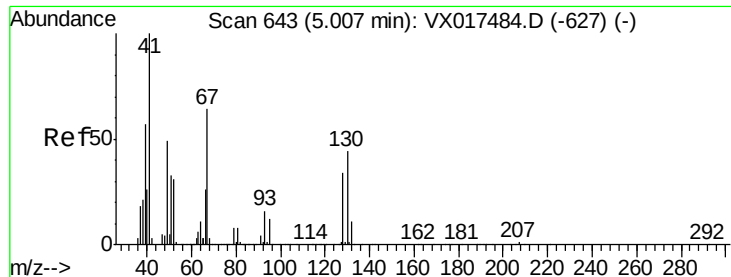
MMDadoda
7/24/2020 1:00:53 PM



#40
Benzene
Concen: 51.606 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.4





#41

Methacrylonitrile

Concen: 57.481 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

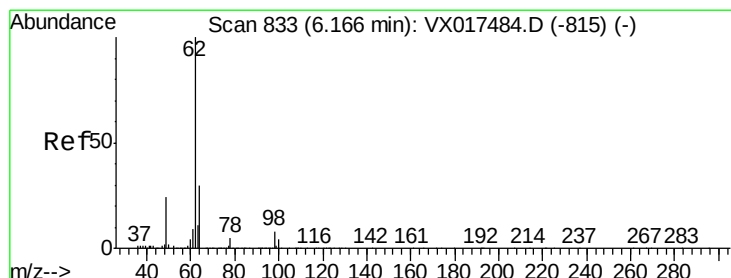
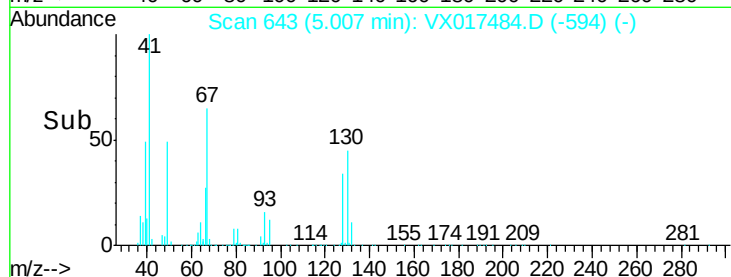
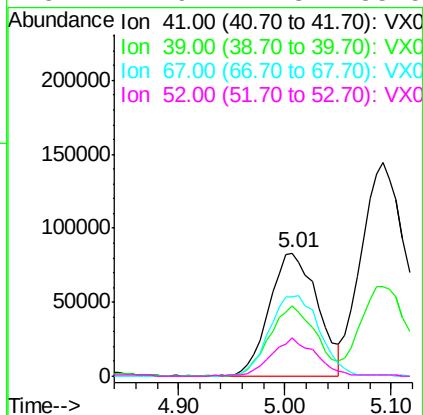
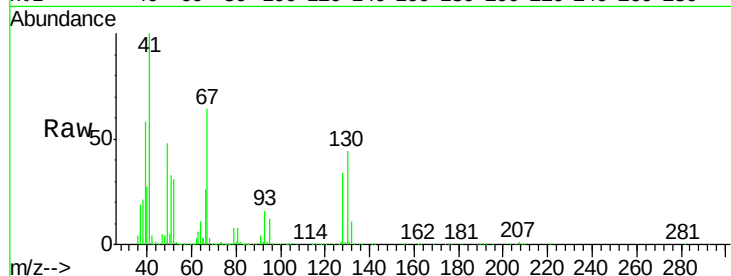
ClientSampleId :

VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		260939		
39	55.0	44.0	66.0		
67	68.7	55.0	82.4		
52	27.9	22.3	33.5		

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#42

1,2-Dichloroethane

Concen: 53.985 ug/l

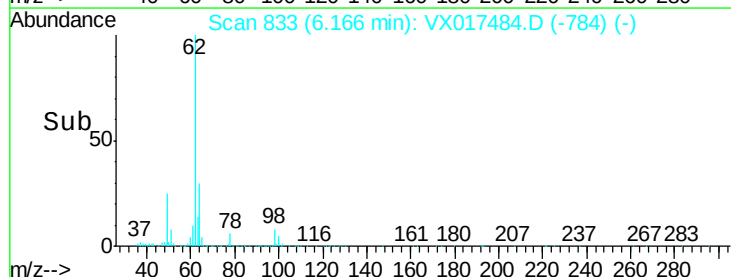
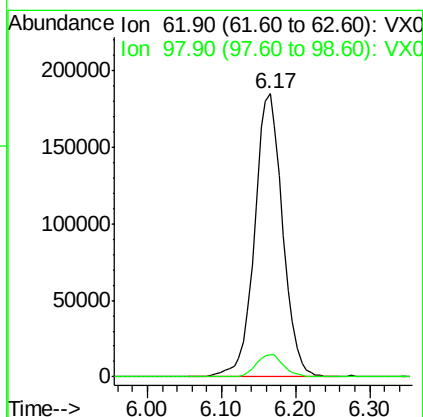
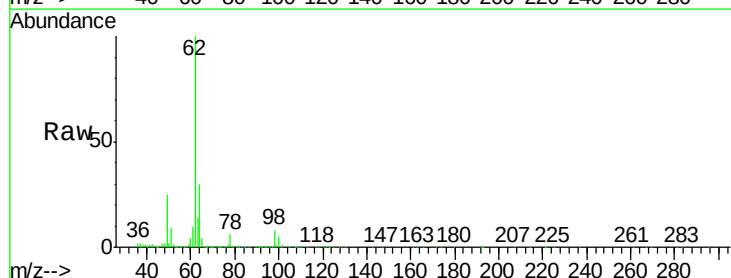
RT: 6.17 min Scan# 833

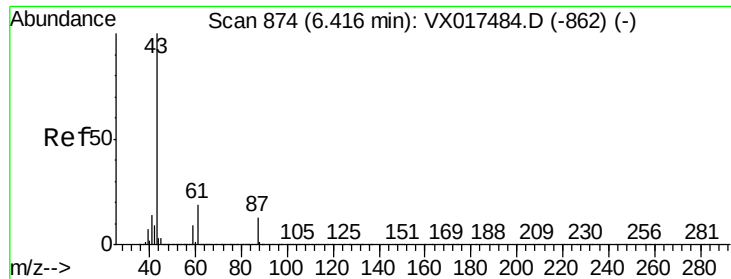
Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		487014		
98	7.8	0.0	15.6		





#43

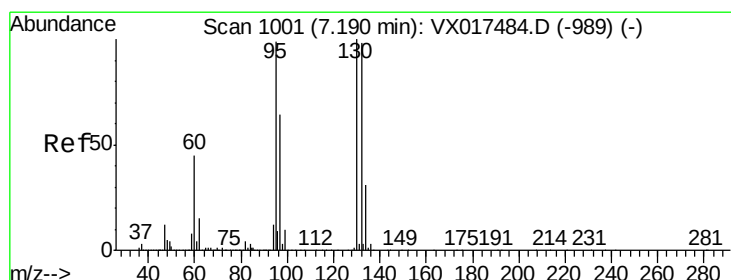
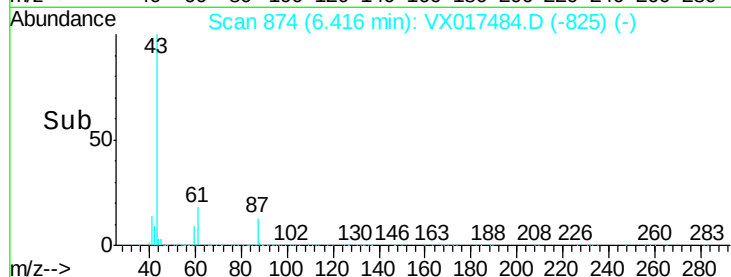
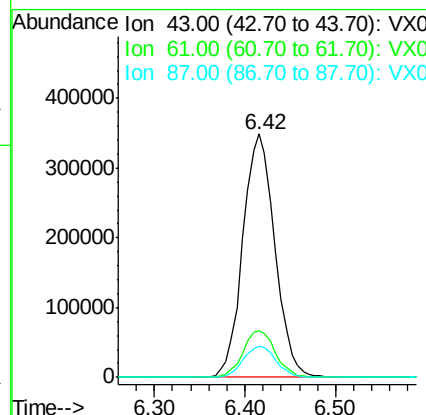
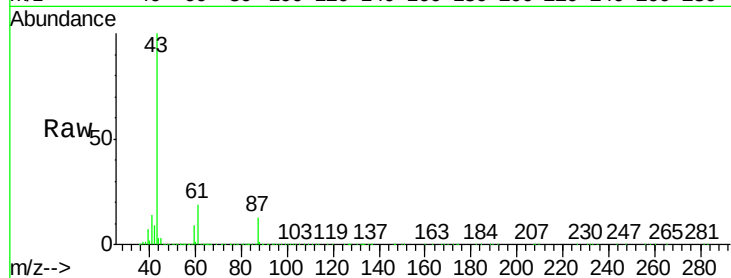
Isopropyl Acetate
 Concen: 61.869 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.5	15.6	23.4
87	13.0	10.4	15.6

Manual Integrations
 APPROVED

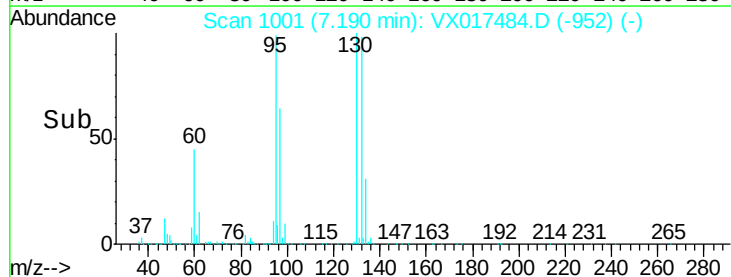
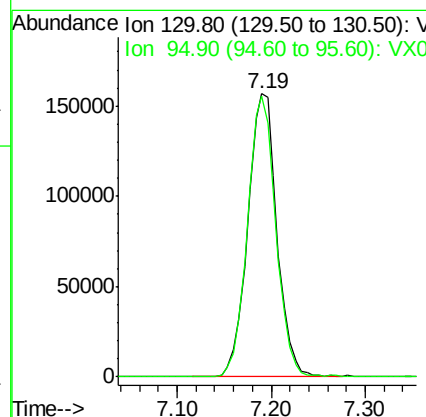
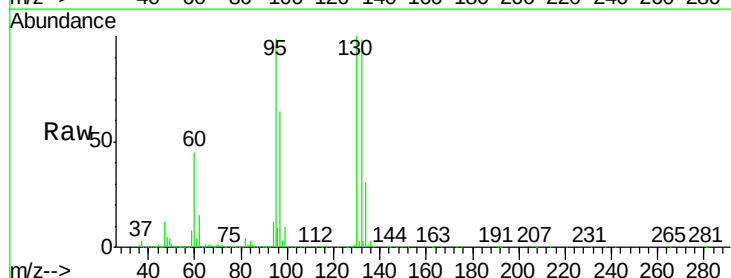
MMDadoda
 7/24/2020 1:00:53 PM

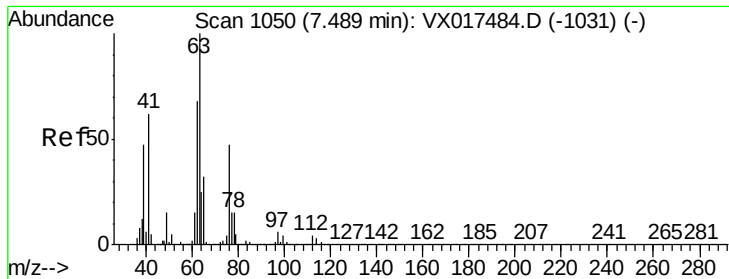


#44

Trichloroethene
 Concen: 48.838 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.2	0.0	198.4





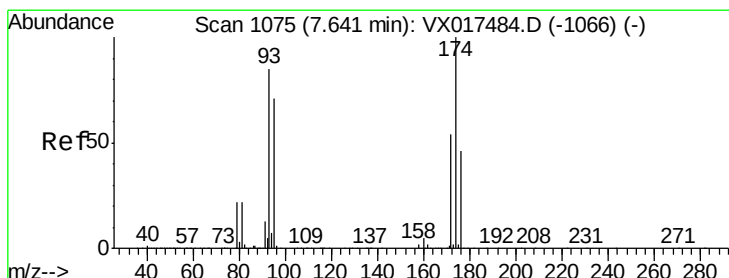
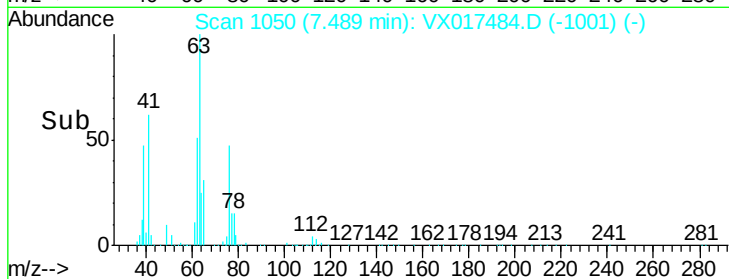
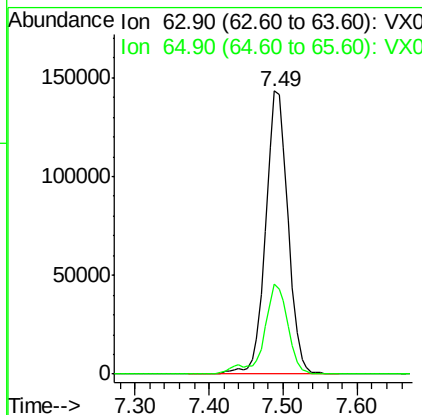
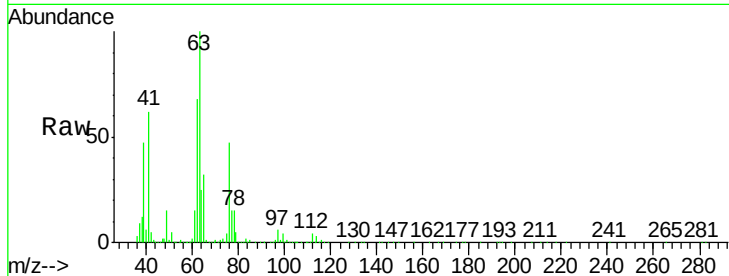
#45
 1,2-Dichloropropane
 Concen: 51.361 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	25.4	38.2

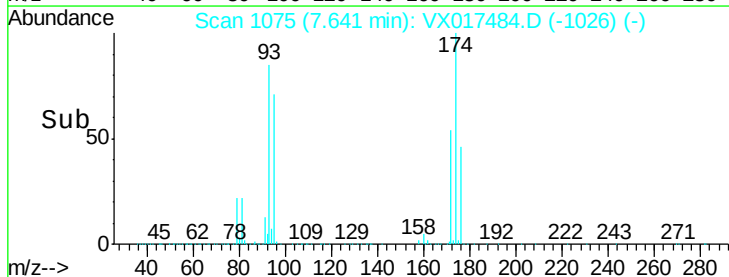
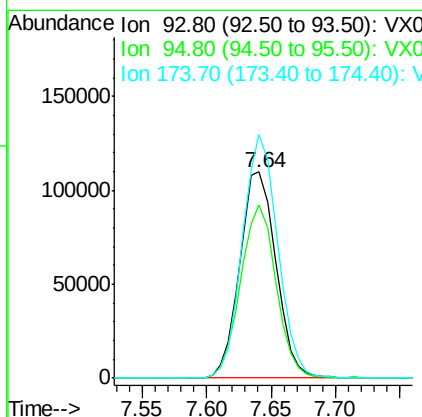
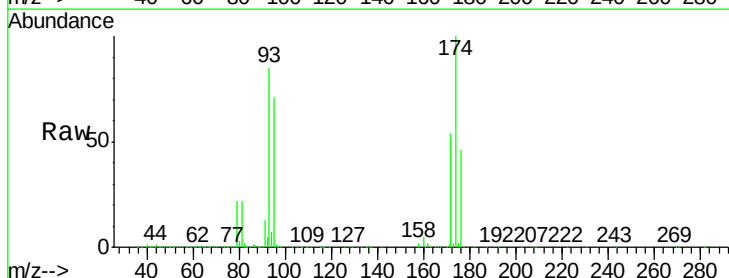
Manual Integrations
 APPROVED

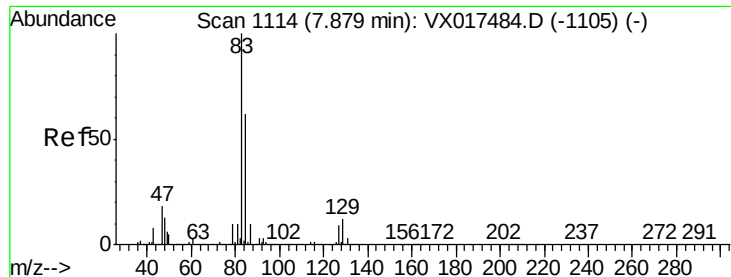
MMDadoda
 7/24/2020 1:00:53 PM



#46
 Dibromomethane
 Concen: 50.654 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.7	98.5
174	114.8	91.8	137.8





#47

Bromodichloromethane

Concen: 51.233 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

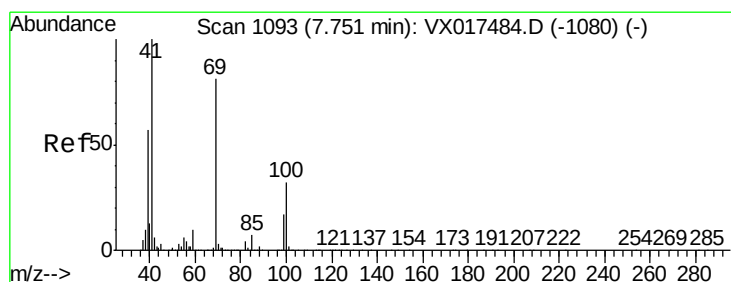
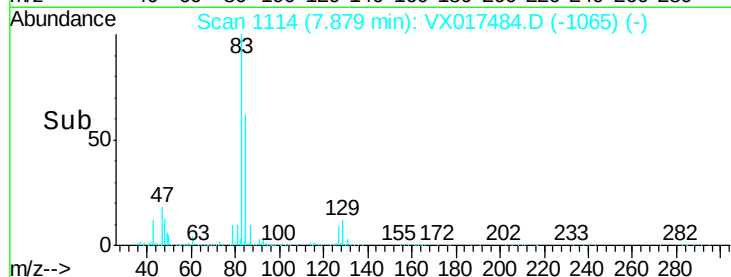
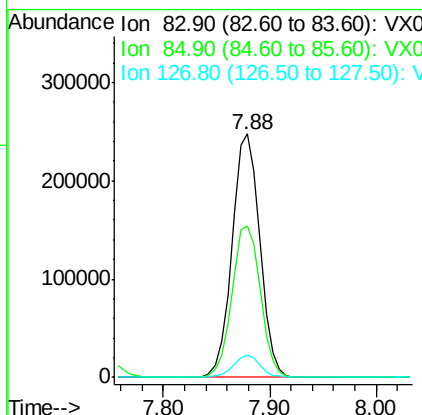
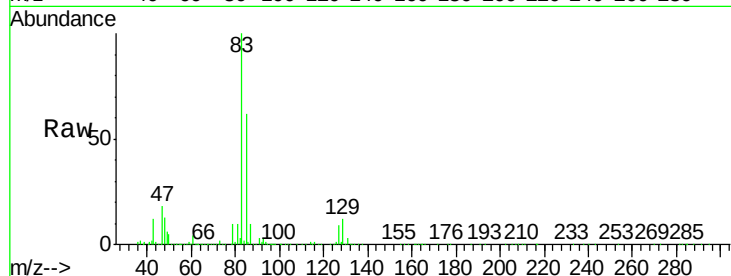
ClientSampleId :

VSTDICCC050

Tot Ion	83	Resp	452893
Ion Ratio	Lower	Upper	
83	100		
85	62.0	49.6	74.4
127	9.3	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#48

Methyl methacrylate

Concen: 57.192 ug/l

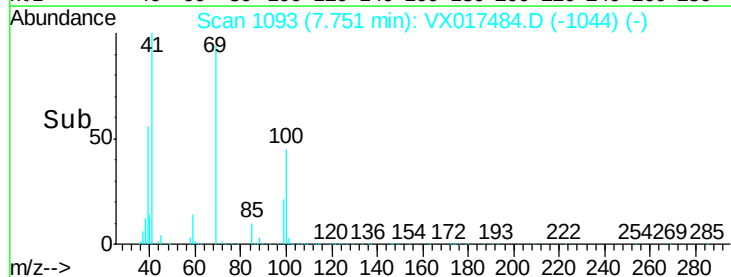
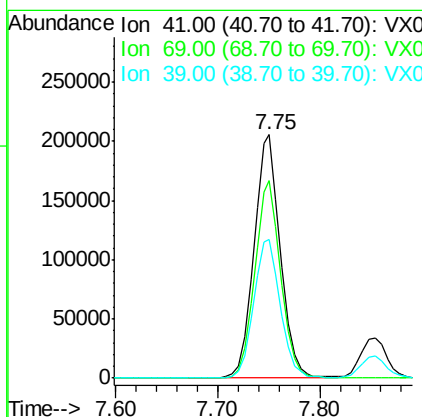
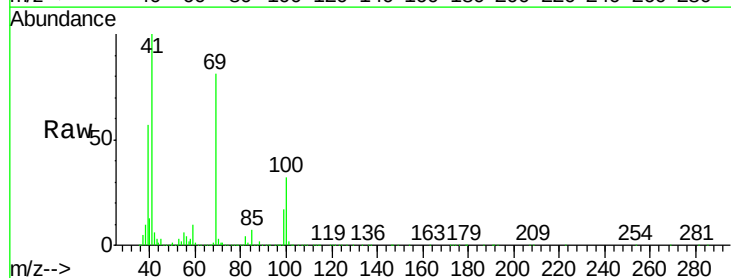
RT: 7.75 min Scan# 1093

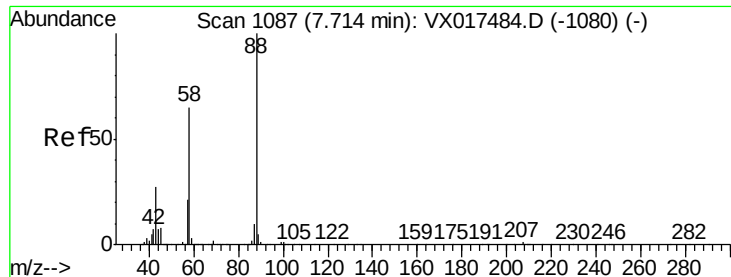
Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion	41	Resp	367231
Ion Ratio	Lower	Upper	
41	100		
69	80.4	64.3	96.5
39	58.5	46.8	70.2





#49

1,4-Dioxane

Concen: 1074.752 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

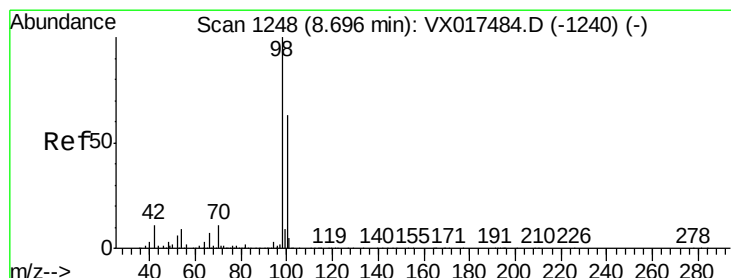
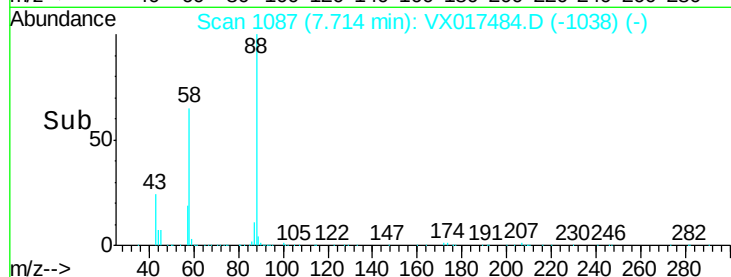
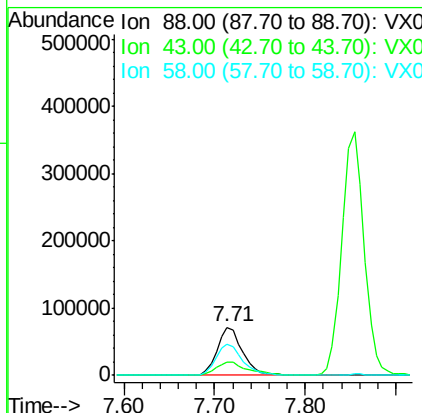
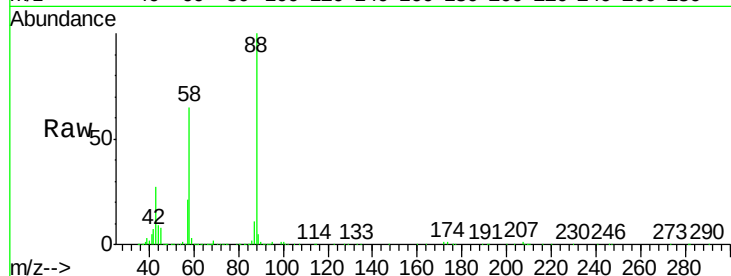
ClientSampleId :

VSTDICCC050

Tot Ion:	88	Resp:	139037
Ion Ratio		Lower	Upper
88	100		
43	34.1	27.3	40.9
58	69.4	55.5	83.3

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#50

Toluene-d8

Concen: 50.448 ug/l

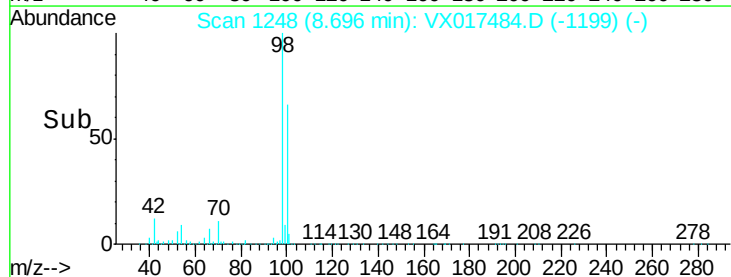
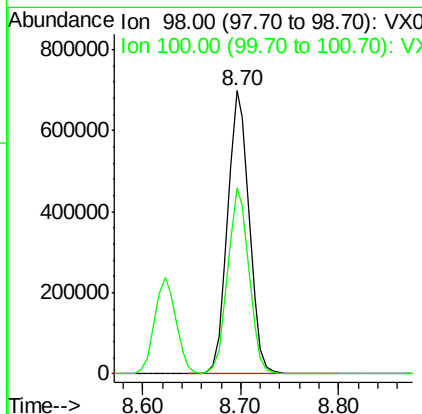
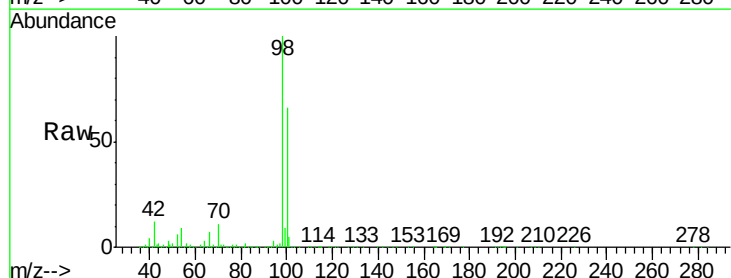
RT: 8.70 min Scan# 1248

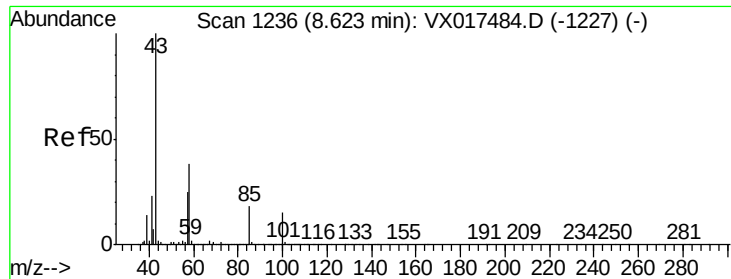
Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion:	98	Resp:	1066397
Ion Ratio		Lower	Upper
98	100		
100	65.3	52.2	78.4





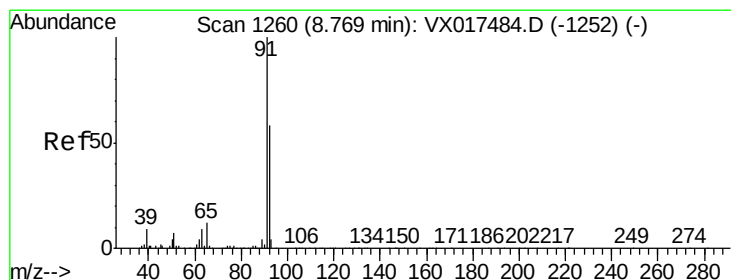
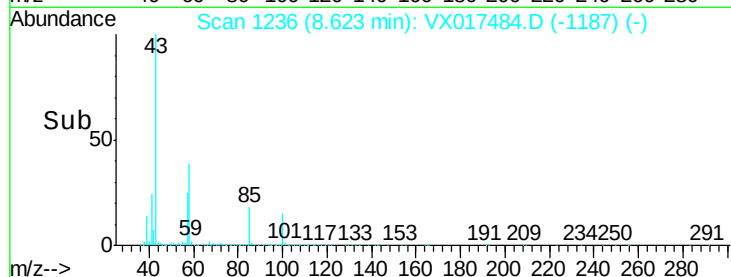
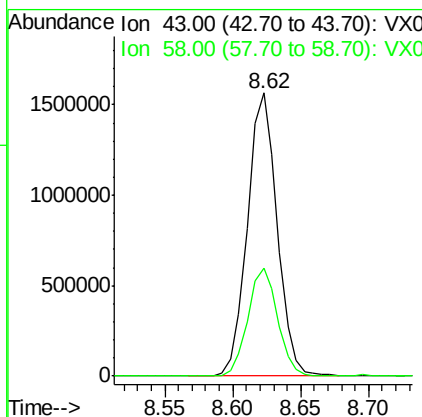
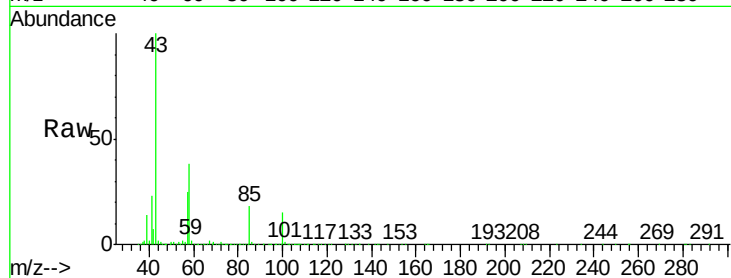
#51
4-Methyl-2-Pentanone
Concen: 291.907 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 2399802
Ion Ratio Lower Upper
43 100
58 38.3 30.6 46.0

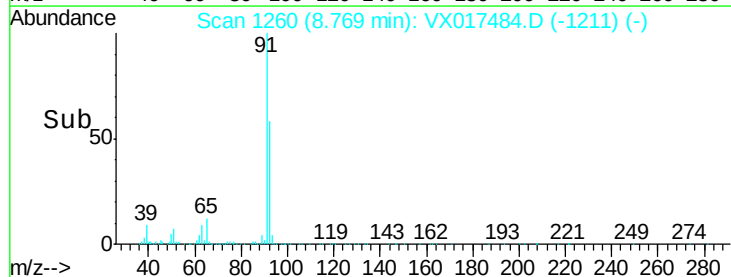
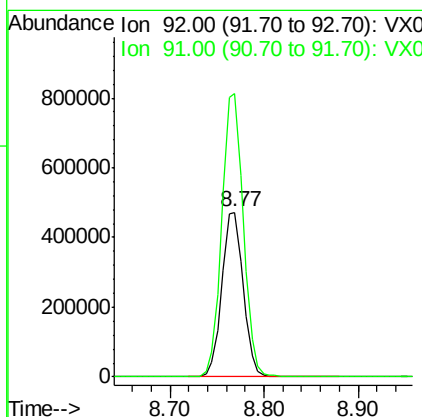
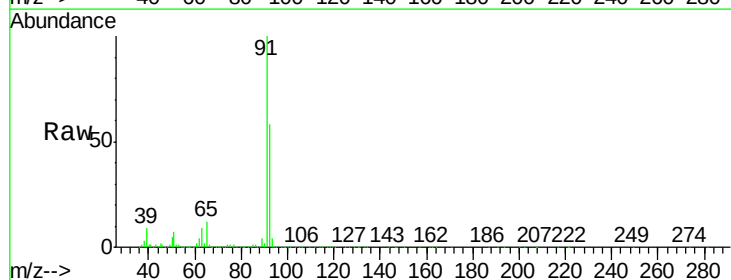
Manual Integrations
APPROVED

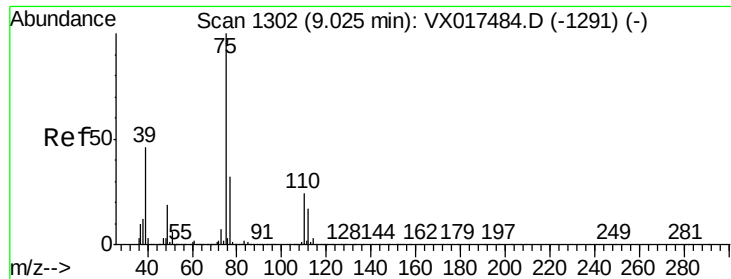
MMDadoda
7/24/2020 1:00:53 PM



#52
Toluene
Concen: 50.689 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion: 92 Resp: 741410
Ion Ratio Lower Upper
92 100
91 173.1 138.5 207.7





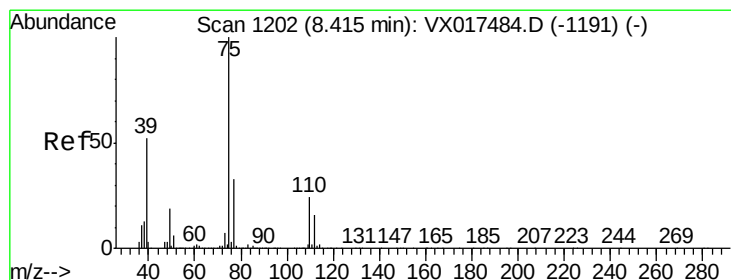
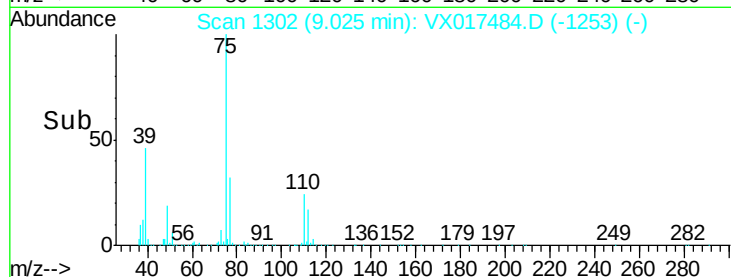
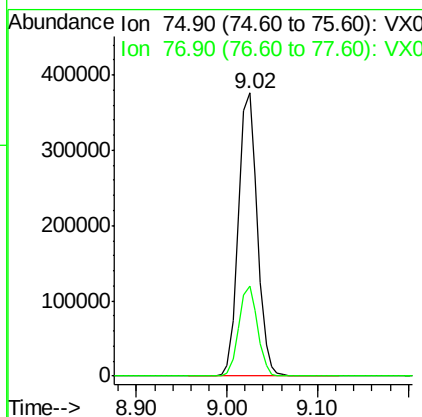
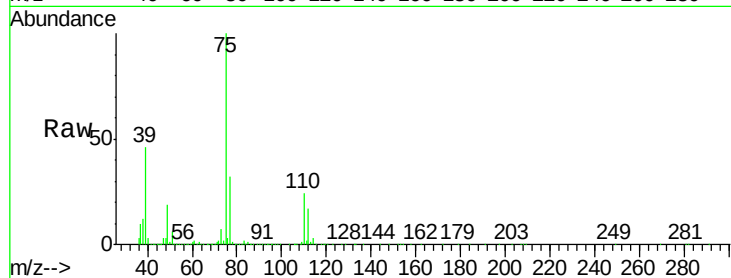
#53
t-1,3-Dichloropropene
Concen: 56.256 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.4	38.2

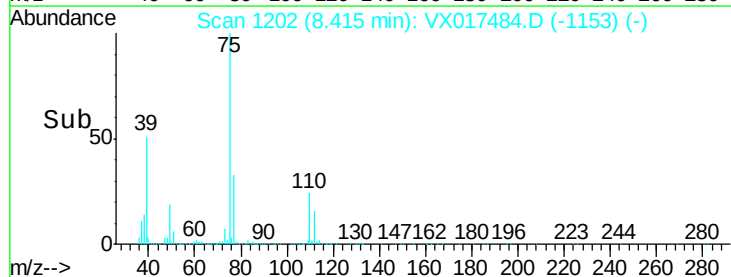
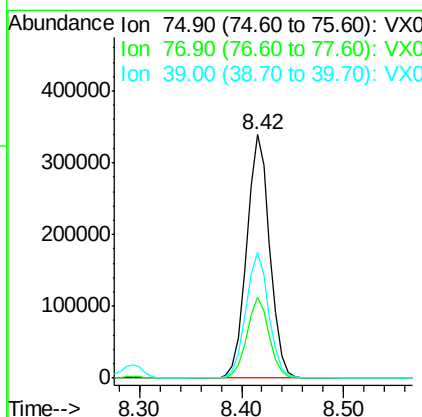
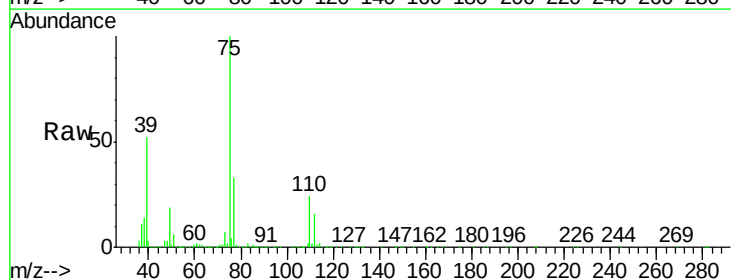
Manual Integrations
APPROVED

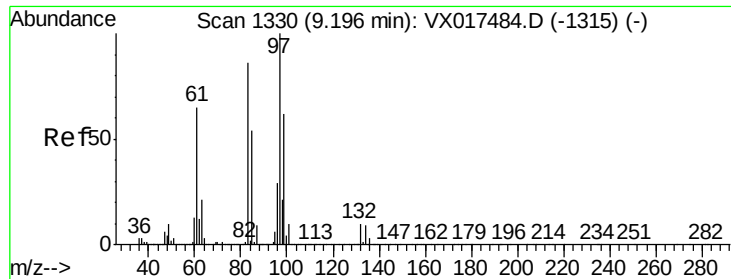
MMDadoda
7/24/2020 1:00:53 PM



#54
cis-1,3-Dichloropropene
Concen: 52.297 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.2	26.6	39.8
39	51.4	41.1	61.7





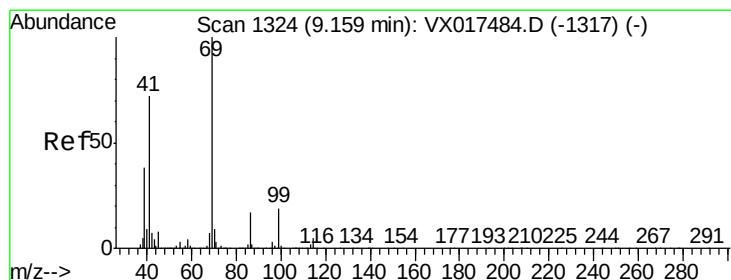
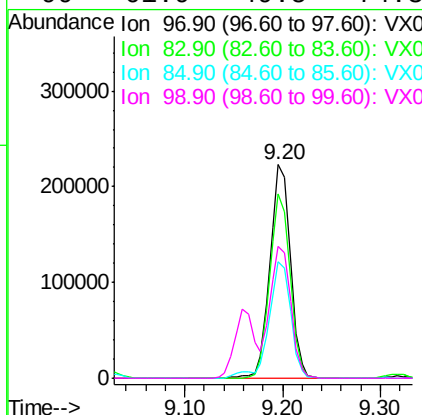
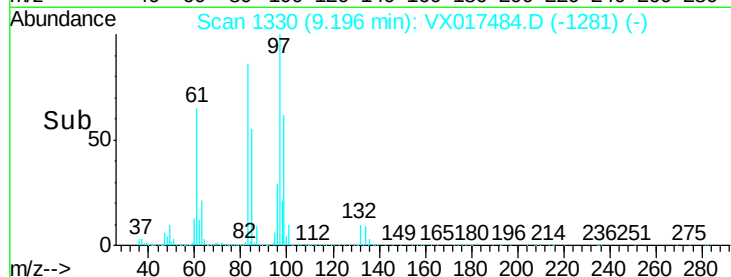
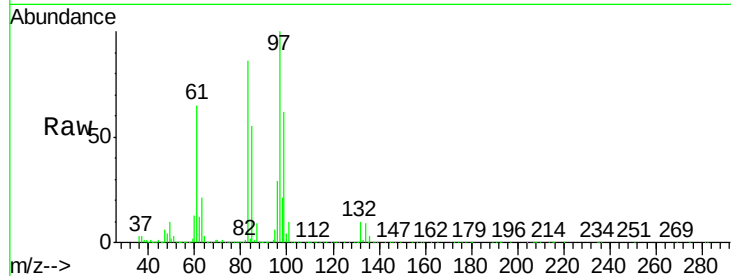
#55
 1,1,2-Trichloroethane
 Concen: 52.973 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		326650		
83	86.1	68.9	103.3		
85	54.5	43.6	65.4		
99	61.9	49.5	74.3		

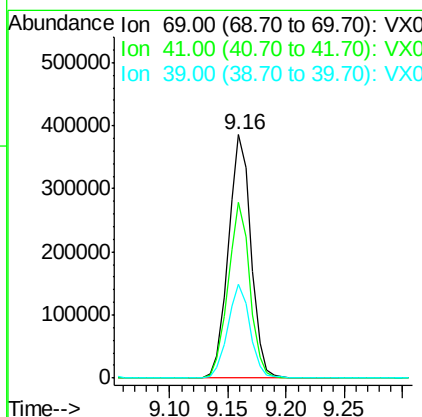
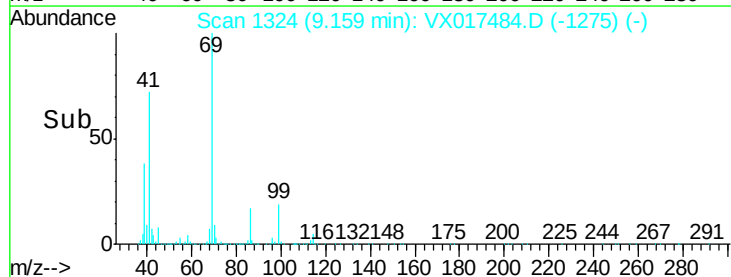
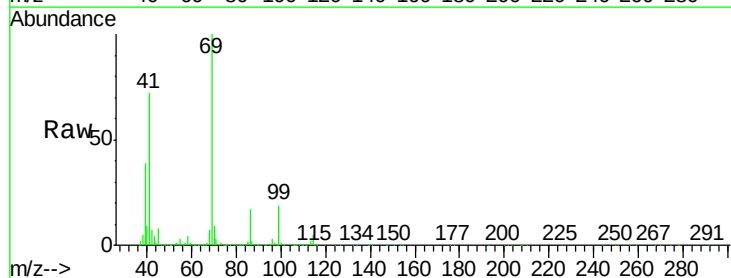
Manual Integrations
 APPROVED

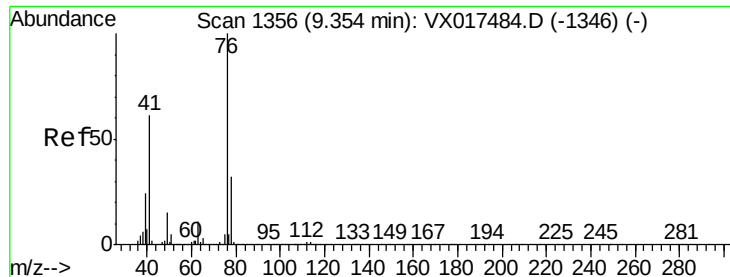
MMDadoda
 7/24/2020 1:00:53 PM



#56
 Ethyl methacrylate
 Concen: 58.540 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		518819		
41	69.4	55.5	83.3		
39	38.0	30.4	45.6		





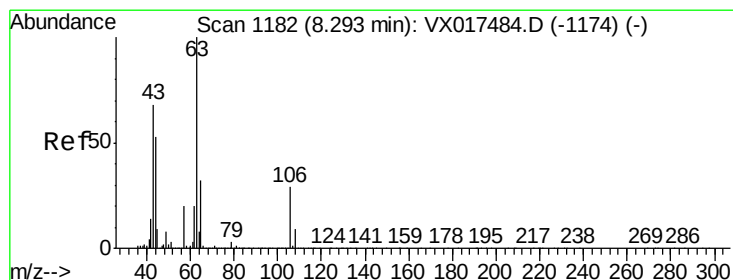
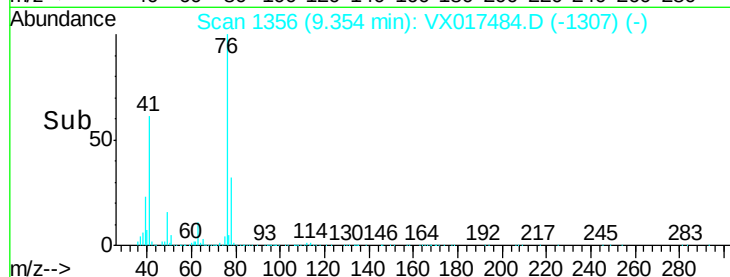
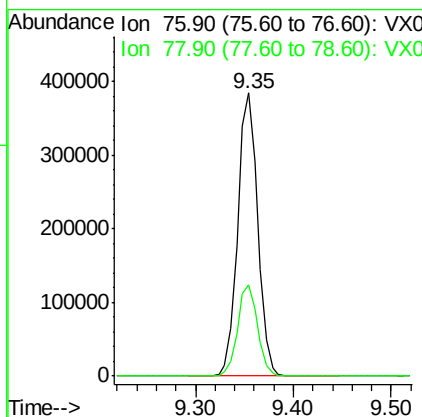
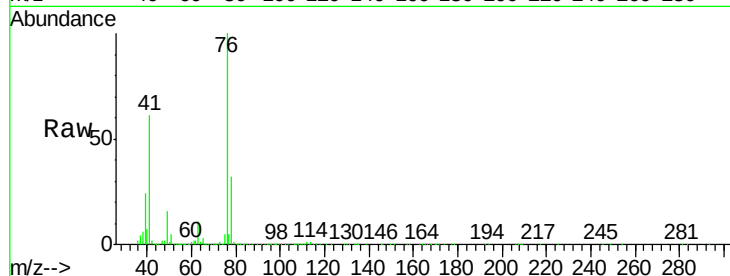
#57
 1,3-Dichloropropane
 Concen: 53.128 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 76 Resp: 545714
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.7 38.5

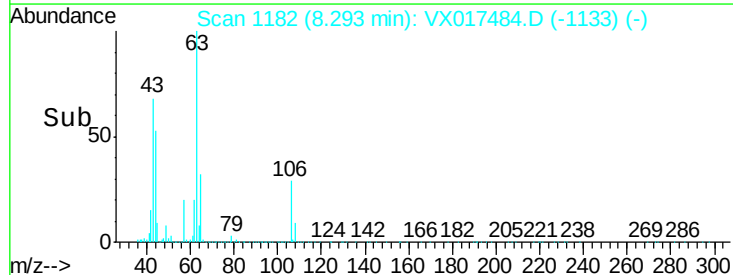
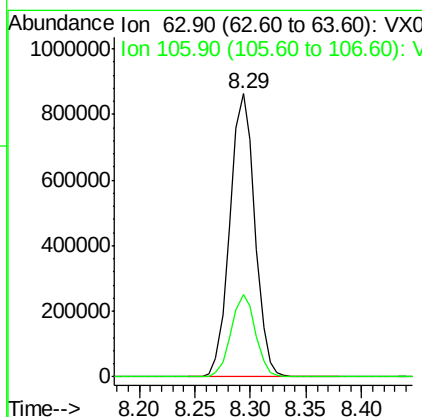
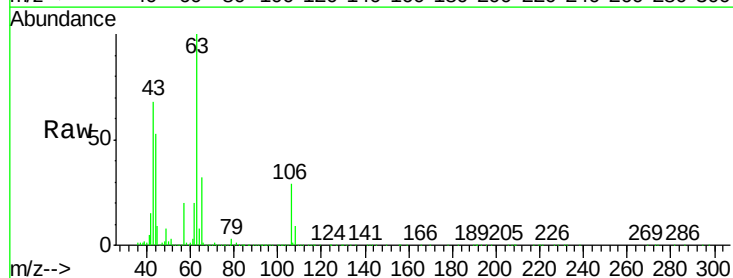
Manual Integrations
 APPROVED

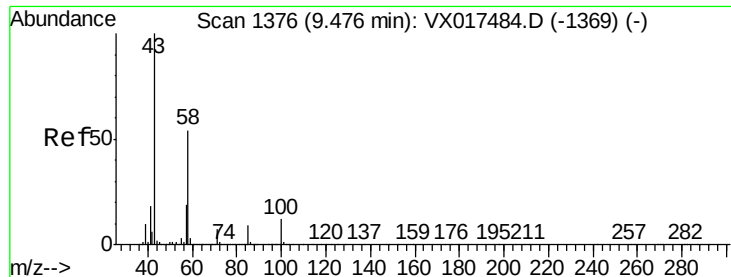
MMDadoda
 7/24/2020 1:00:53 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 298.070 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion: 63 Resp: 1339118
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.8 34.2





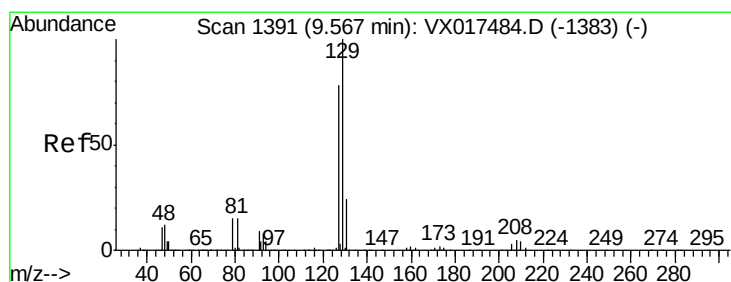
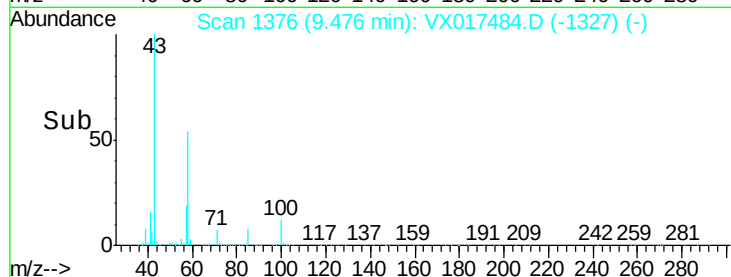
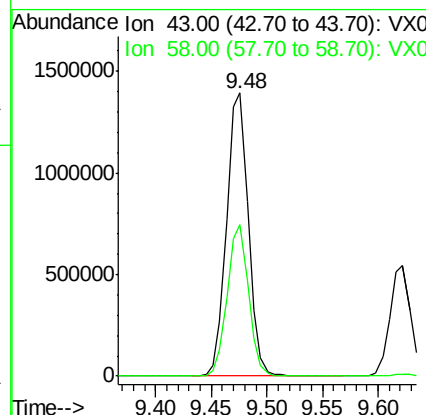
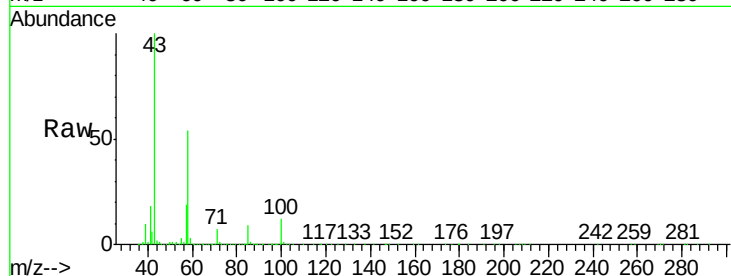
#59
2-Hexanone
Concen: 302.046 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1883180
Ion Ratio Lower Upper
43 100
58 52.5 26.3 78.8

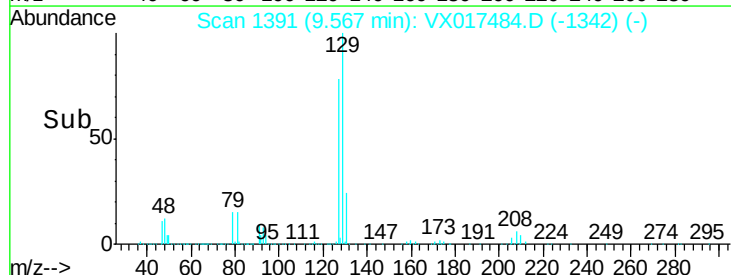
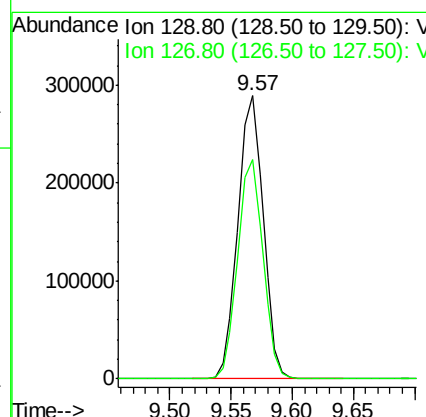
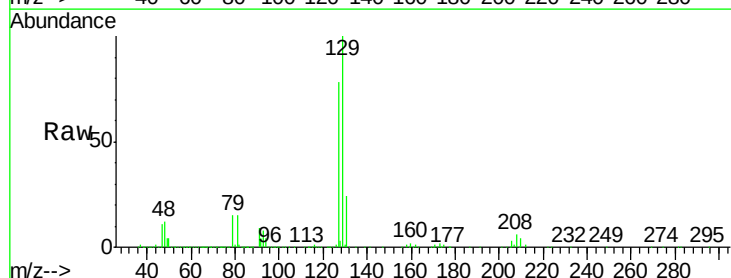
Manual Integrations
APPROVED

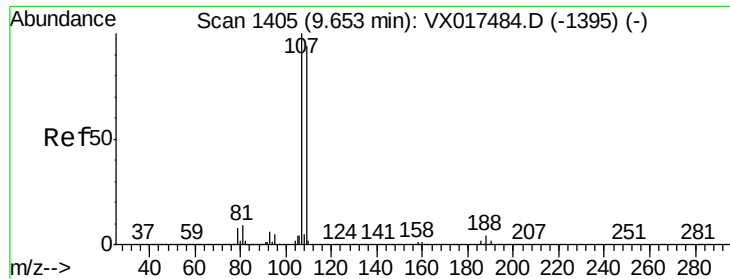
MMDadoda
7/24/2020 1:00:53 PM



#60
Dibromochloromethane
Concen: 54.714 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion:129 Resp: 414470
Ion Ratio Lower Upper
129 100
127 77.1 38.6 115.7





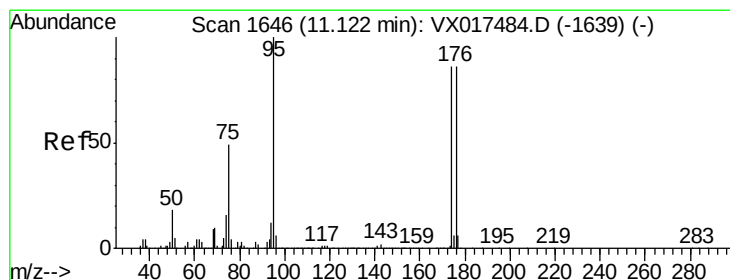
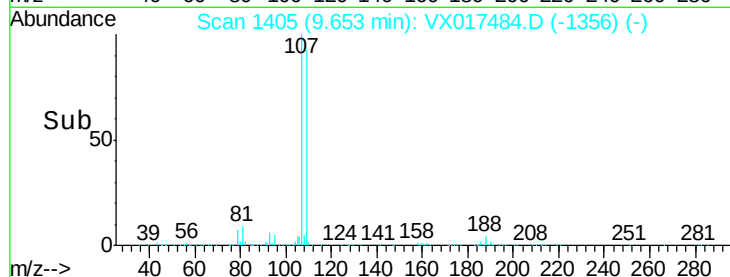
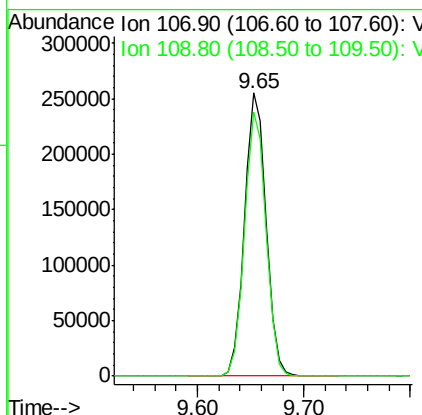
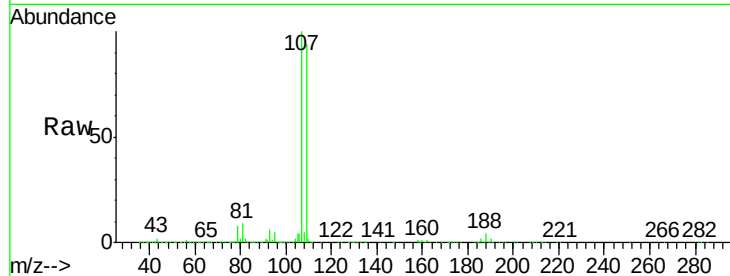
#61
 1,2-Dibromoethane
 Concen: 53.803 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

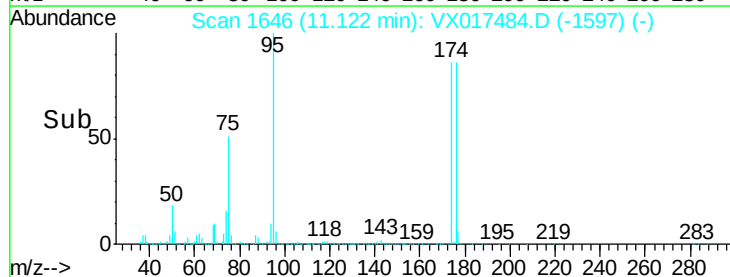
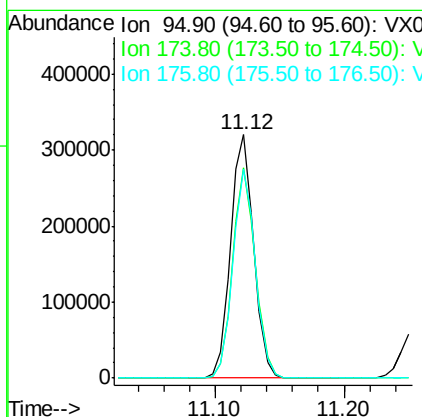
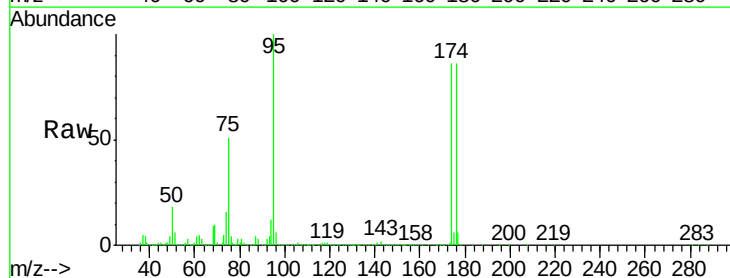
Manual Integrations
 APPROVED

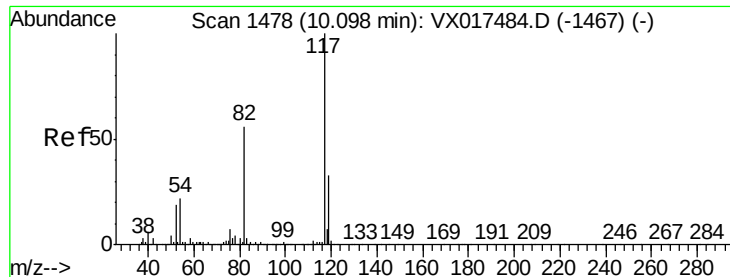
MMDadoda
 7/24/2020 1:00:53 PM



#62
 4-Bromofluorobenzene
 Concen: 48.356 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.6	0.0	169.2
176	83.6	0.0	167.2





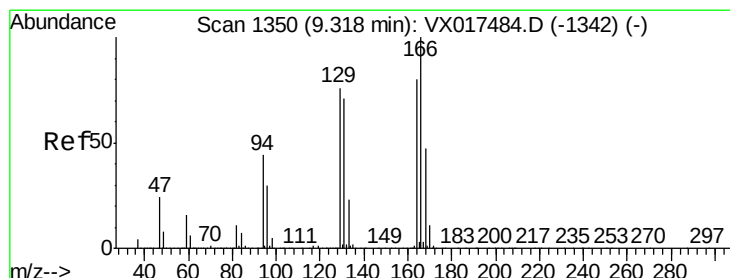
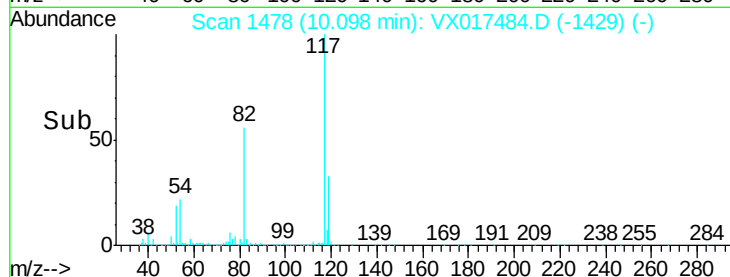
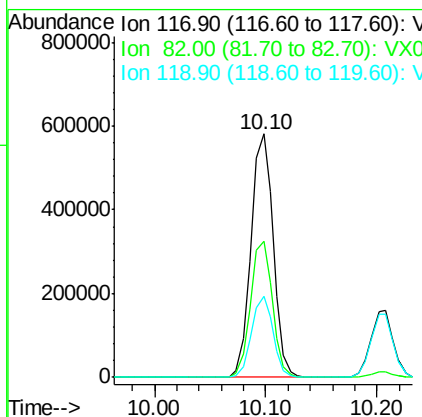
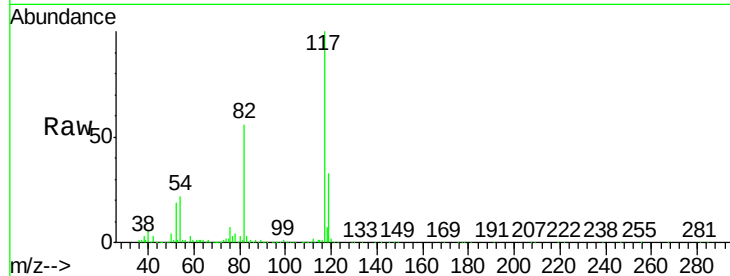
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	44.6	66.8
119	33.2	26.6	39.8

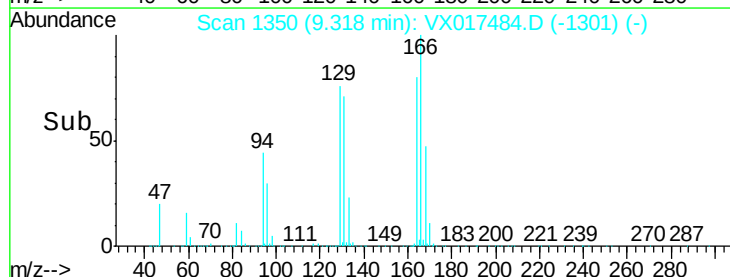
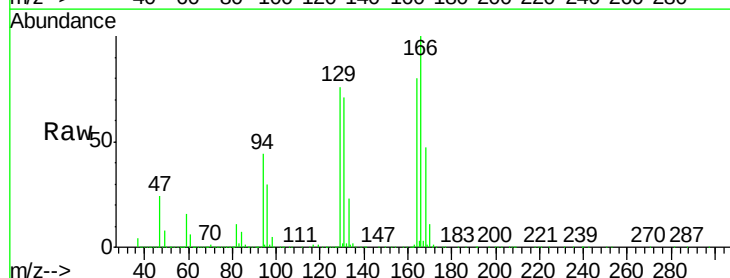
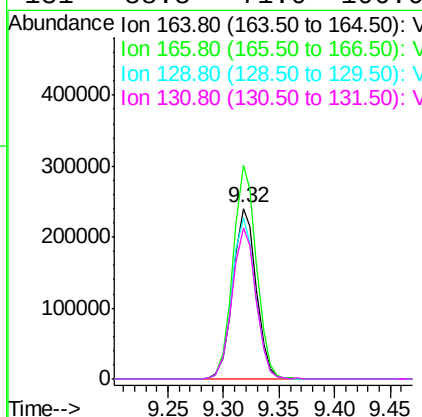
Manual Integrations
APPROVED

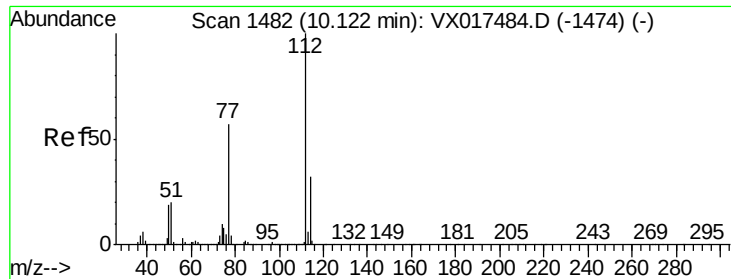
MMDadoda
7/24/2020 1:00:53 PM



#64
Tetrachloroethene
Concen: 49.972 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	100.2	150.4
129	94.7	75.8	113.6
131	88.8	71.0	106.6





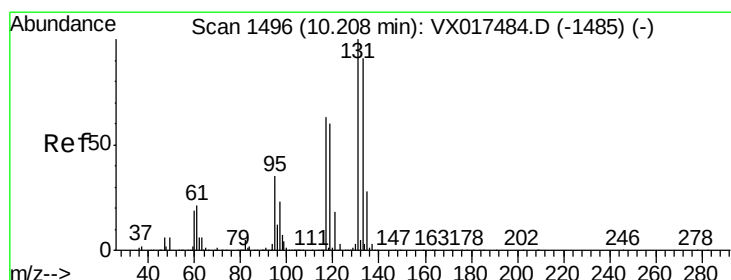
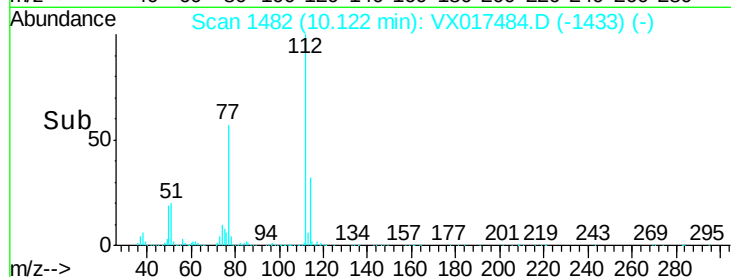
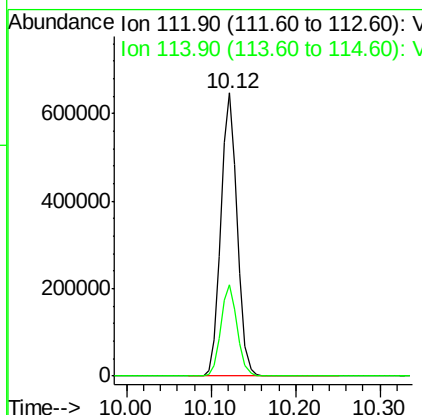
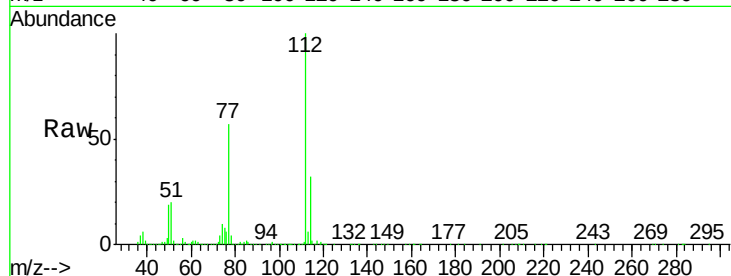
#65
Chlorobenzene
Concen: 52.473 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.8

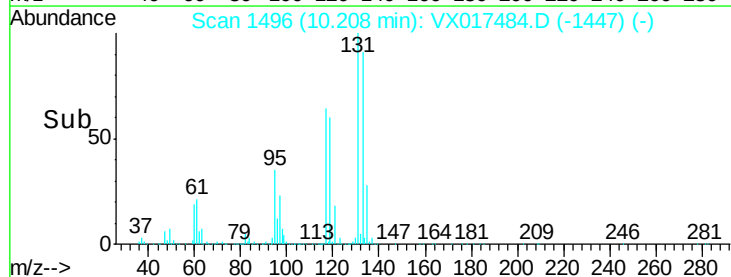
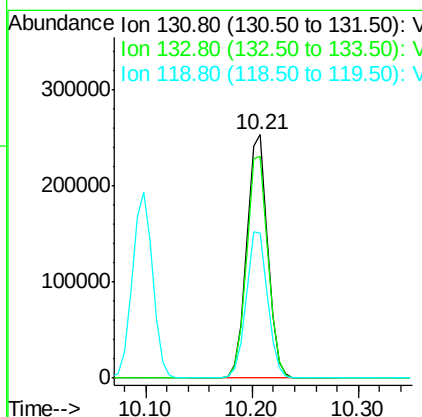
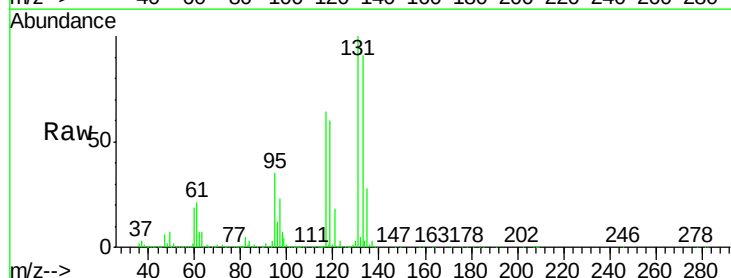
Manual Integrations
APPROVED

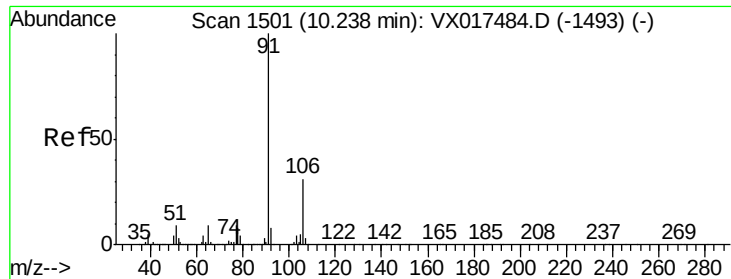
MMDadoda
7/24/2020 1:00:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.972 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.8	46.9	140.7
119	61.9	30.9	92.8





#67

Ethyl Benzene

Concen: 53.441 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1465028

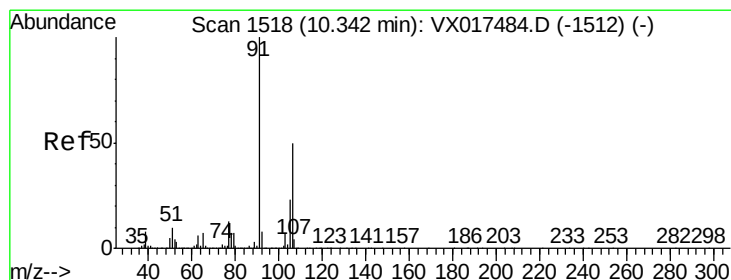
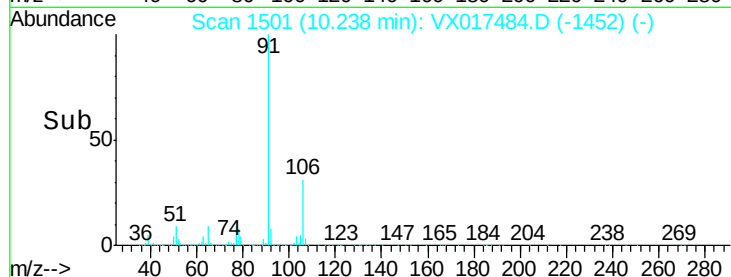
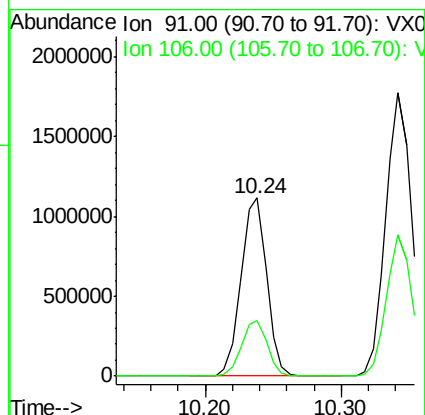
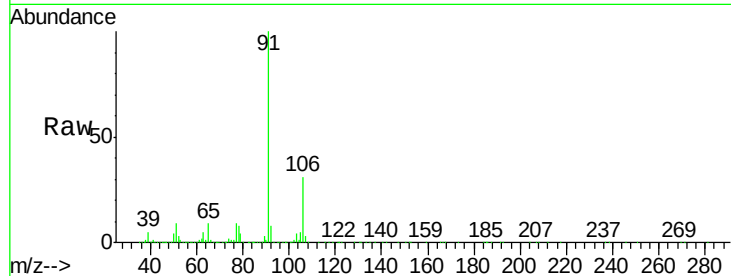
Ion Ratio Lower Upper

91 100

106 31.4 25.1 37.7

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#68

m/p-Xylenes

Concen: 110.646 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017484.D

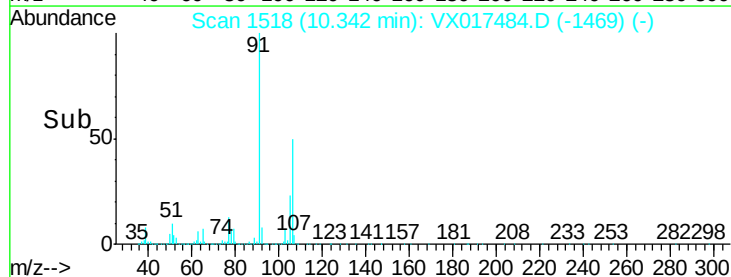
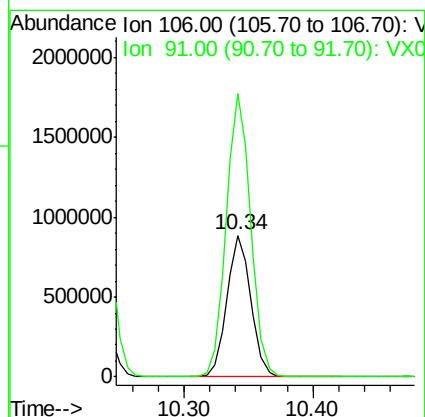
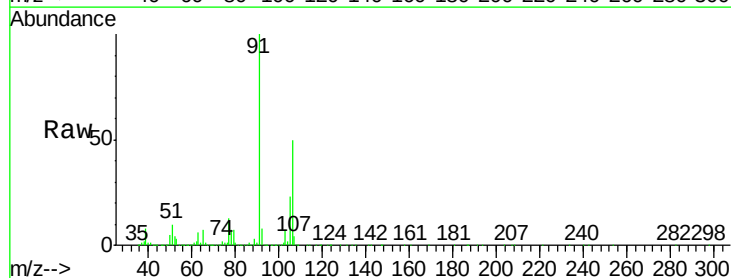
Acq: 23 Jul 2020 11:15

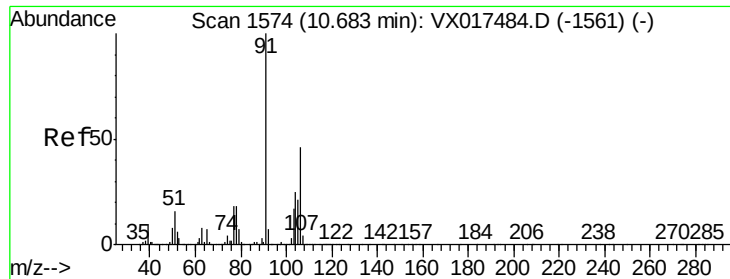
Tgt Ion: 106 Resp: 1158756

Ion Ratio Lower Upper

106 100

91 204.3 163.4 245.2





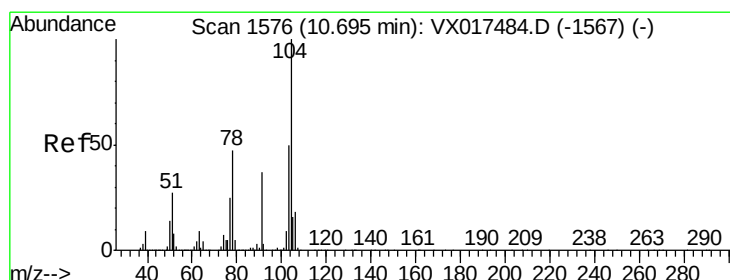
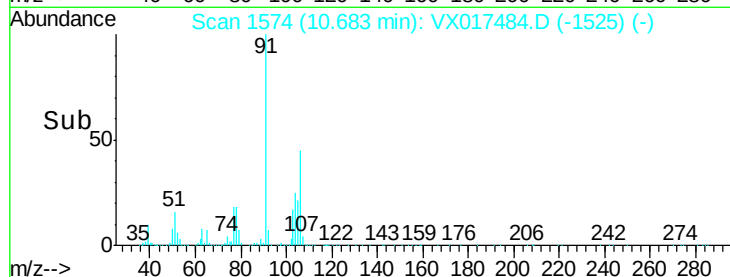
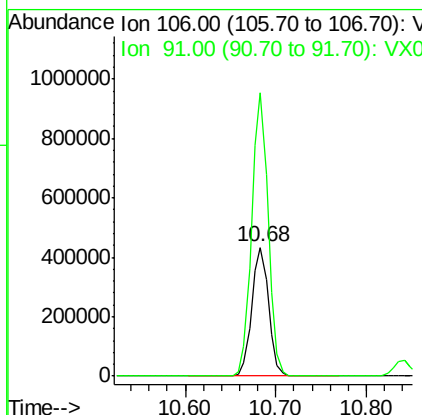
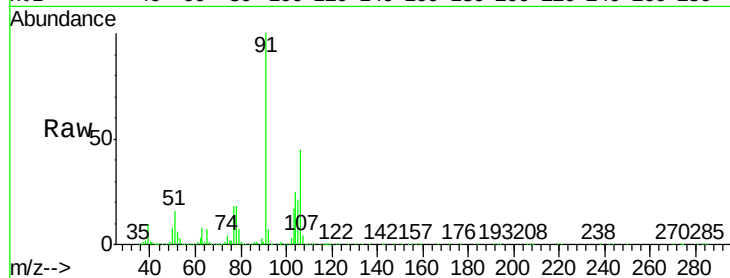
#69
o-Xylene
Concen: 55.526 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.2	107.6	322.8

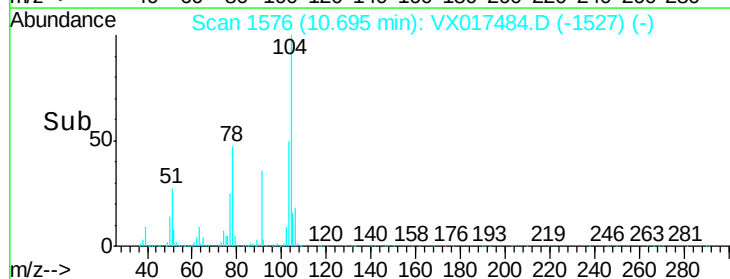
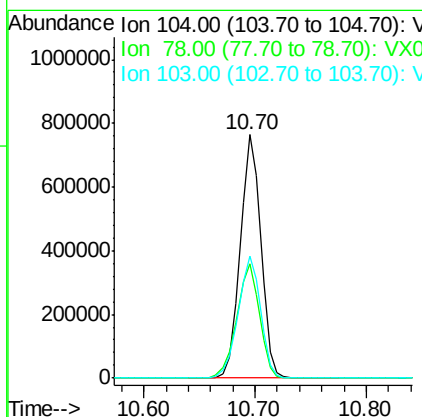
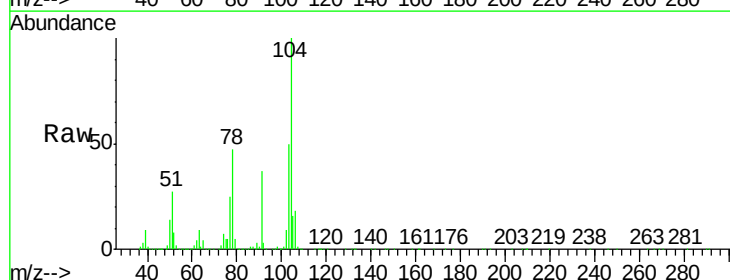
Manual Integrations
APPROVED

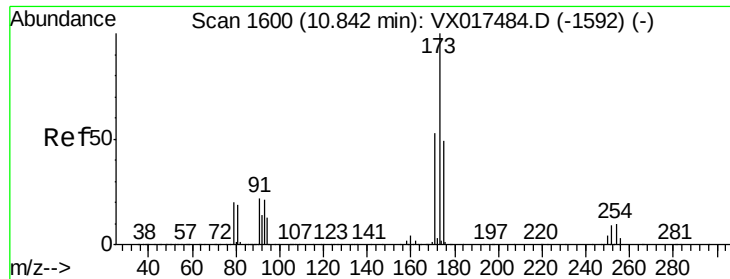
MMDadoda
7/24/2020 1:00:53 PM



#70
Styrene
Concen: 56.948 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.8	41.4	62.2
103	54.4	43.5	65.3





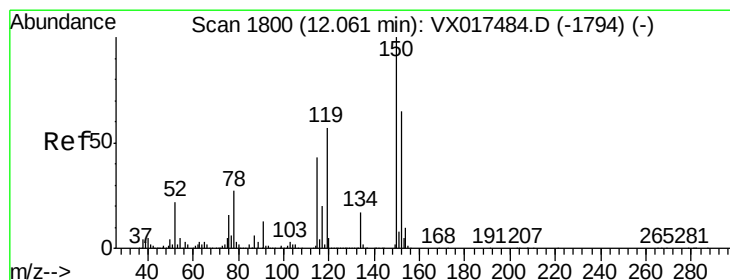
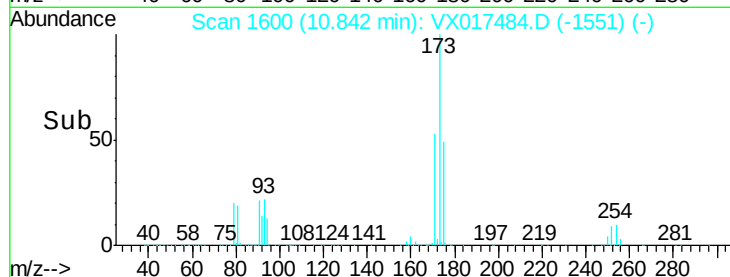
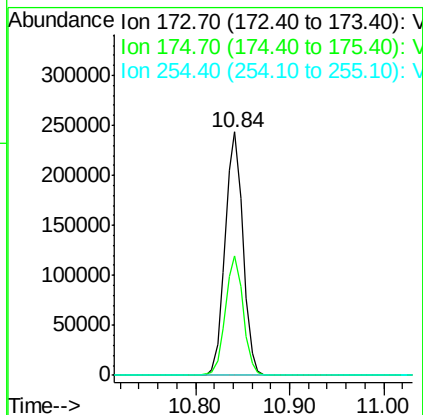
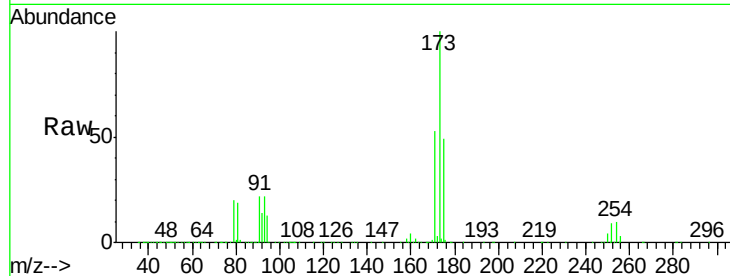
#71
Bromoform
Concen: 57.131 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.6	73.6
254	0.1	0.1	0.1#

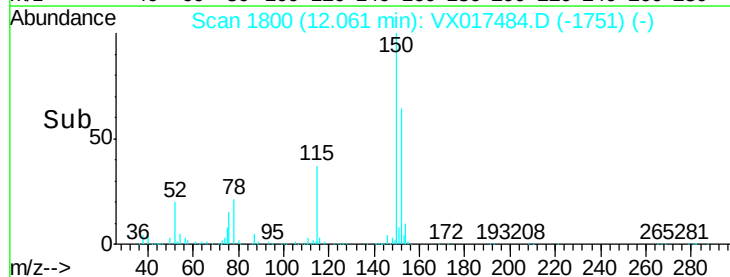
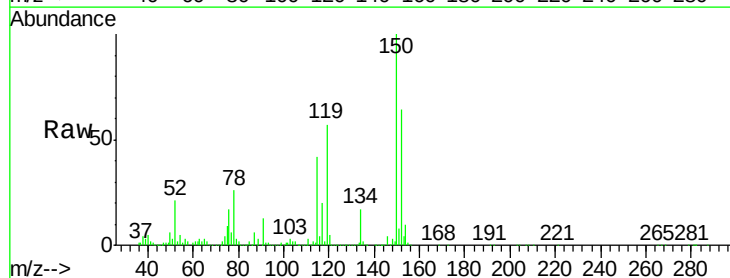
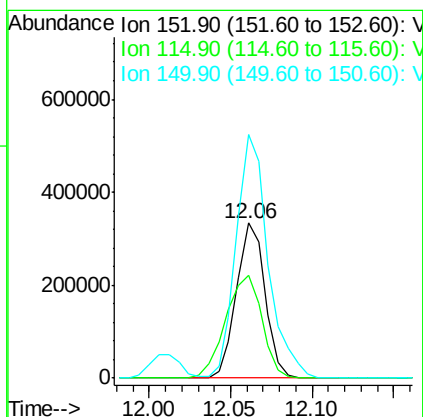
Manual Integrations
APPROVED

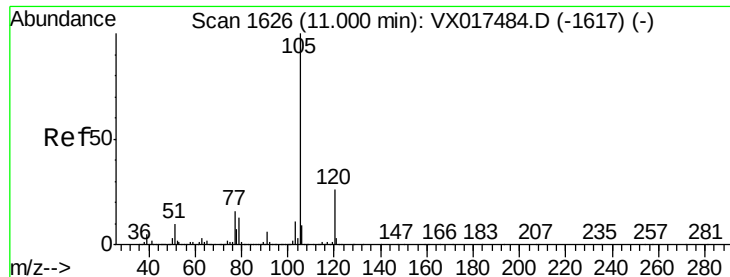
MMDadoda
7/24/2020 1:00:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.7	41.9	125.6
150	174.3	0.0	348.6





#73

Isopropylbenzene

Concen: 55.289 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1427516

Ion Ratio Lower Upper

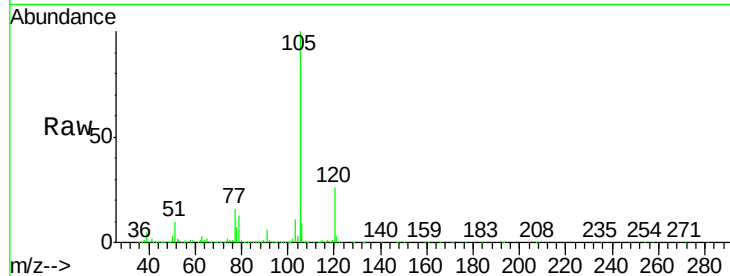
105 100

120 26.4 13.2 39.6

Manual Integrations
APPROVED

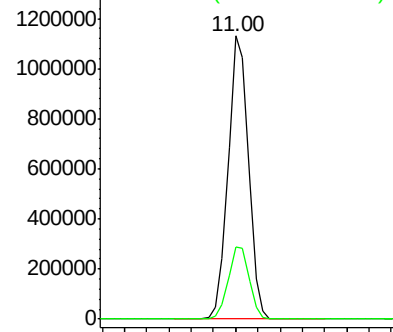
MMDadoda

7/24/2020 1:00:53 PM

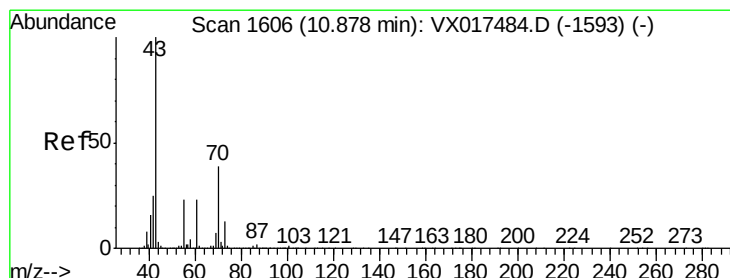
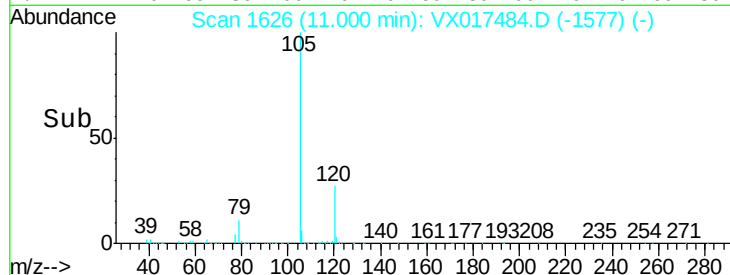


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 64.375 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion: 43 Resp: 685847

Ion Ratio Lower Upper

43 100

70 40.2 32.2 48.2

55 23.2 18.6 27.8

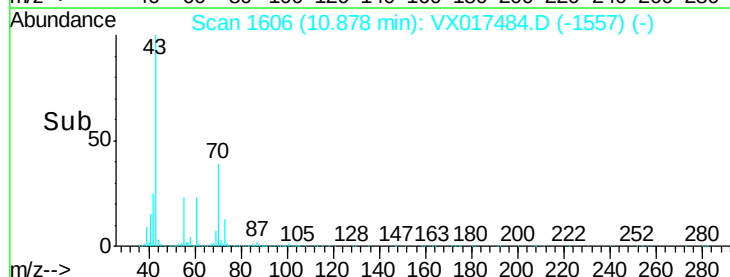
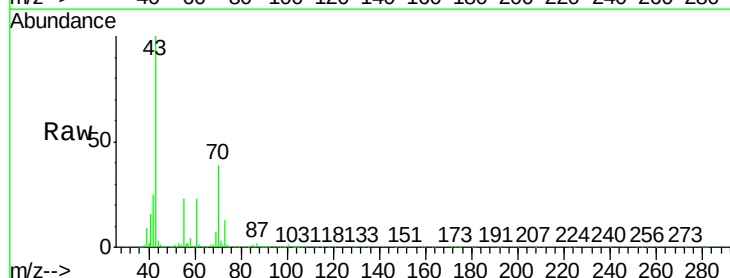
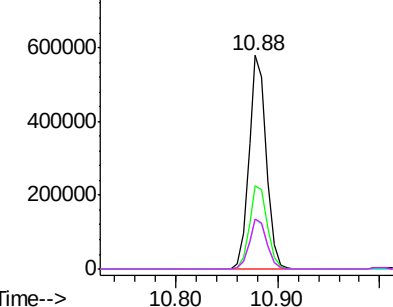
61 23.6 18.9 28.3

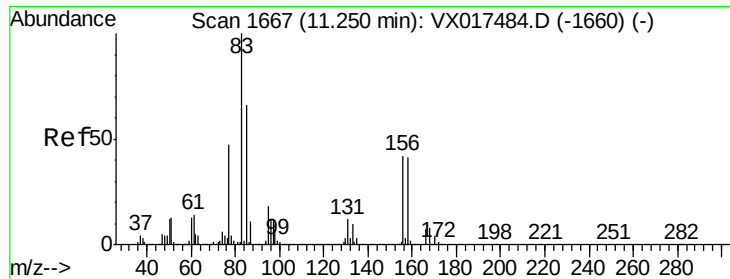
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.869 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 424257
Ion Ratio Lower Upper

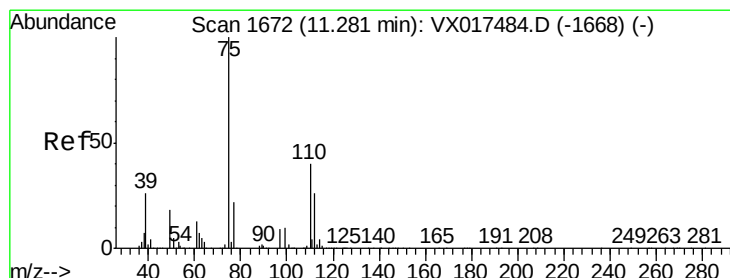
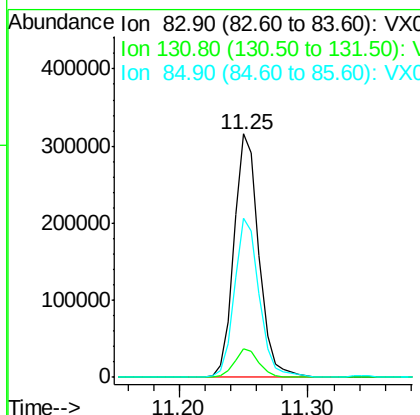
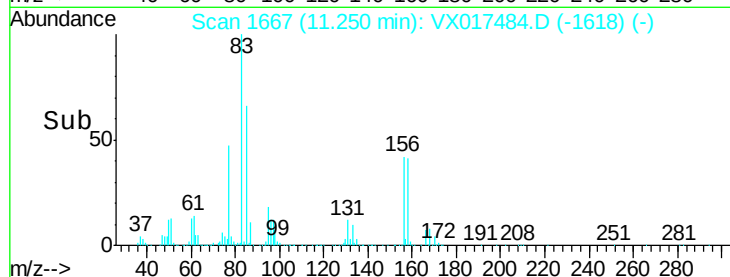
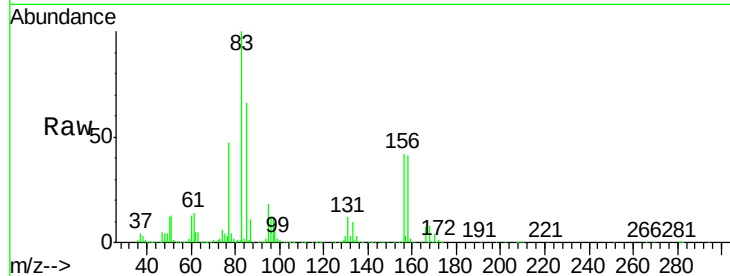
83 100

131 11.7 5.9 17.6

85 65.2 32.6 97.8

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#76

1,2,3-Trichloropropane

Concen: 56.473 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

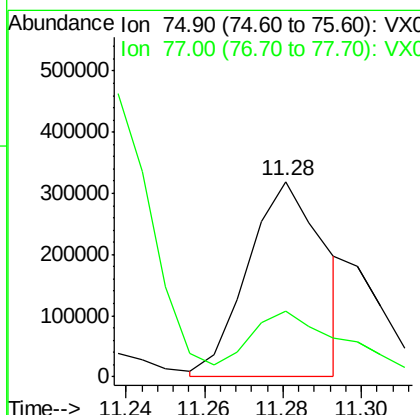
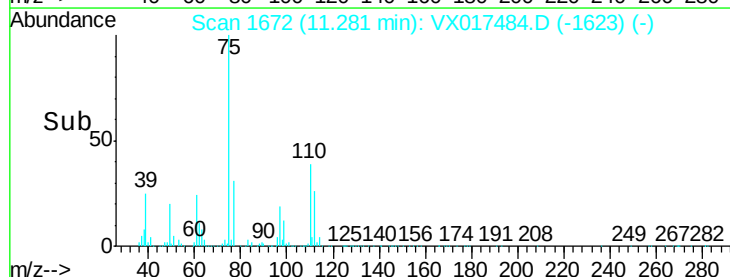
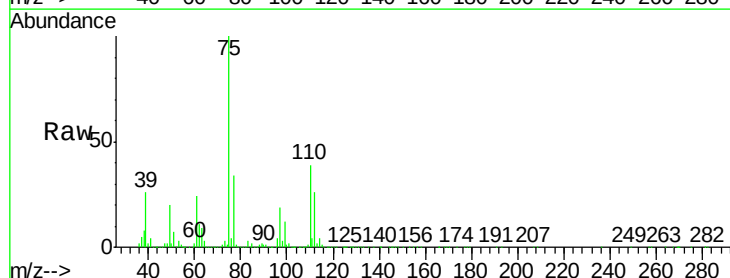
Lab File: VX017484.D

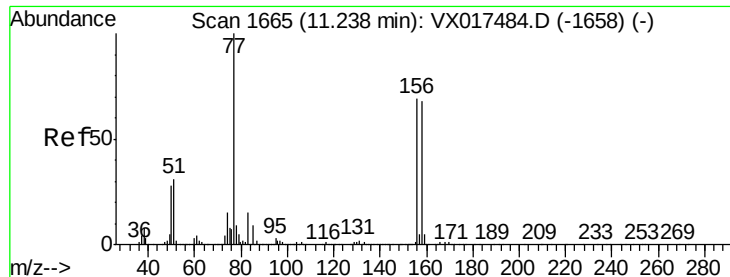
Acq: 23 Jul 2020 11:15

Tgt Ion: 75 Resp: 433773
Ion Ratio Lower Upper

75 100

77 41.9 20.9 62.8





#77

Bromobenzene

Concen: 53.762 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

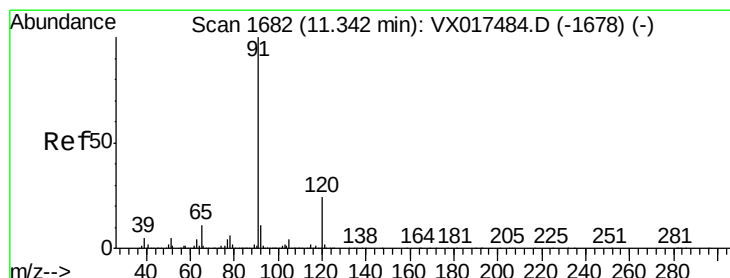
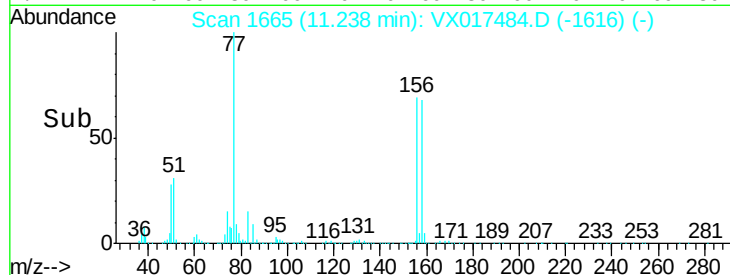
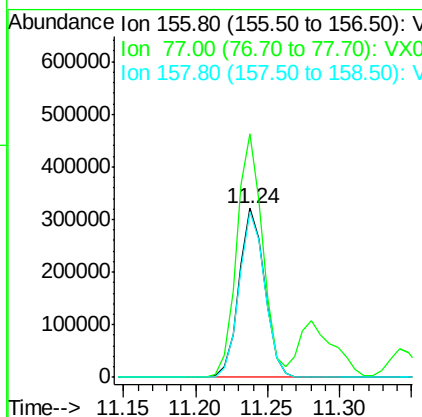
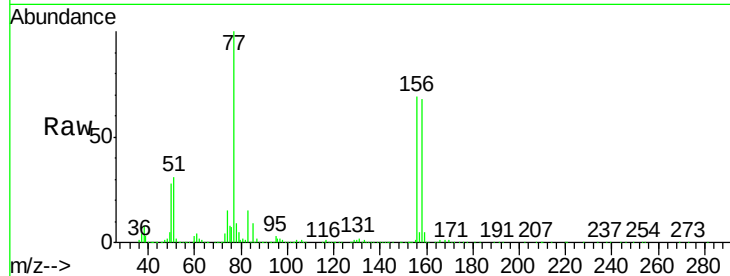
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	395626
Ion Ratio	Lower	Upper	
156	100		
77	146.3	73.2	219.5
158	98.0	49.0	147.0

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:53 PM



#78

n-propylbenzene

Concen: 55.308 ug/l

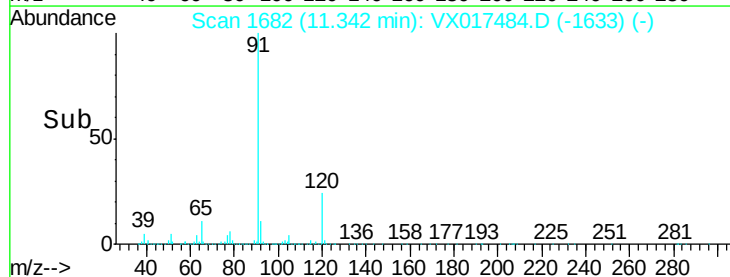
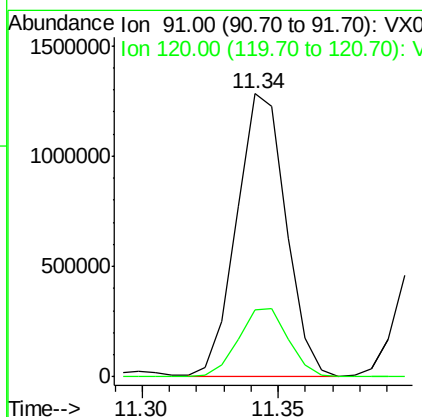
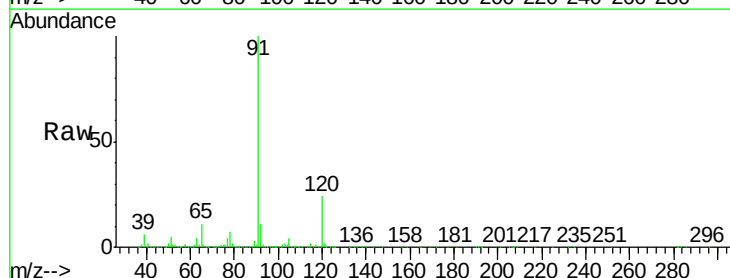
RT: 11.34 min Scan# 1682

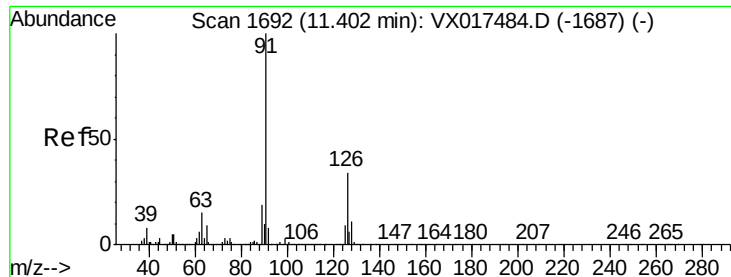
Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion:	91	Resp:	1599494
Ion Ratio	Lower	Upper	
91	100		
120	24.6	12.3	36.9





#79

2-Chlorotoluene

Concen: 54.582 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion: 91 Resp: 975646

Ion Ratio Lower Upper

91 100

126 34.3

17.2

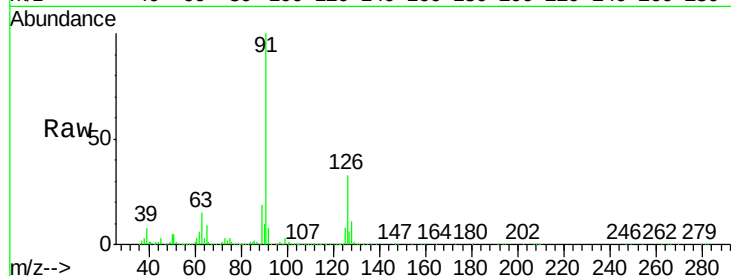
51.5

Manual Integrations

APPROVED

MMDadoda

7/24/2020 1:00:53 PM



Abundance Ion 91.00 (90.70 to 91.70): VX017484.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017484.D (-1687) (-)

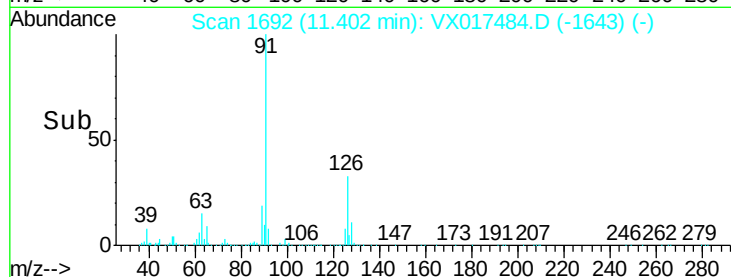
1500000

1000000

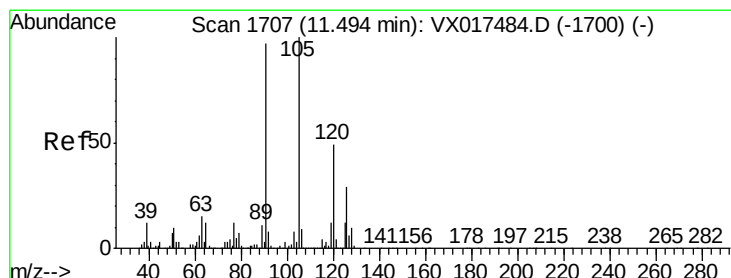
500000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 56.695 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Tgt Ion: 105 Resp: 1250637

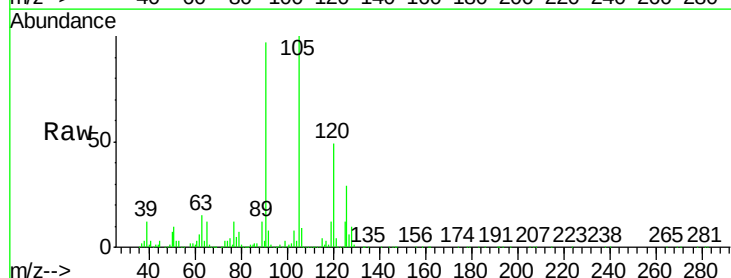
Ion Ratio Lower Upper

105 100

120 48.4

24.2

72.6



Abundance Ion 105.00 (104.70 to 105.70): VX017484.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX017484.D (-1700) (-)

1200000

1000000

800000

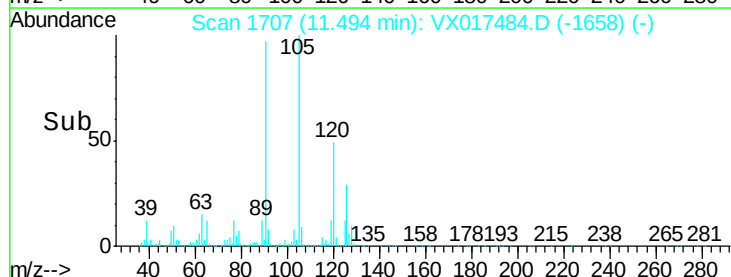
600000

400000

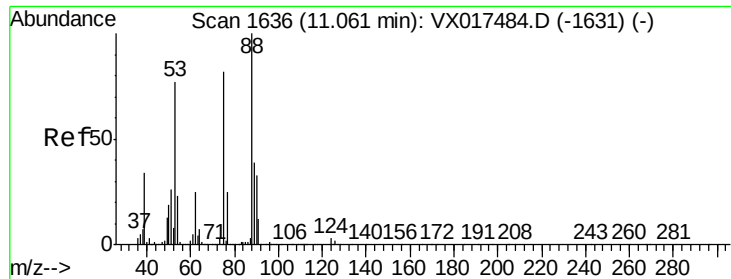
200000

0

11.45 11.50 11.55



Time-->



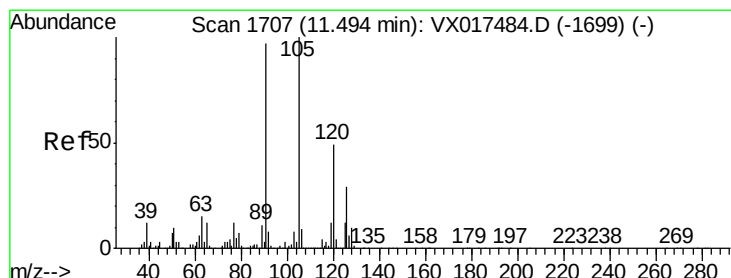
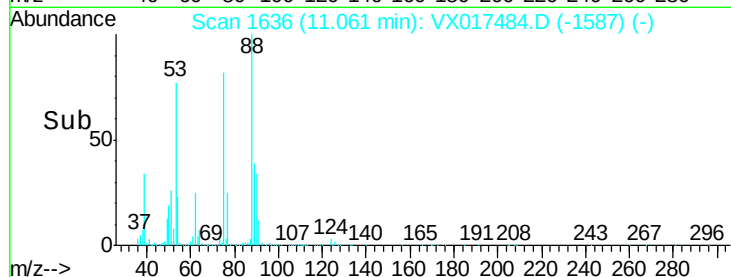
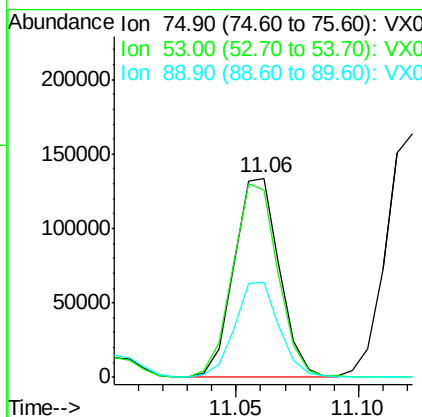
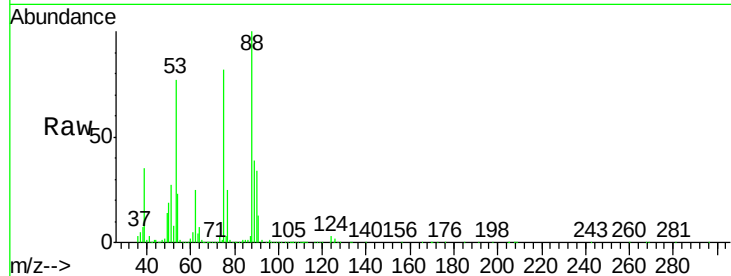
#81
trans-1,4-Dichloro-2-butene
Concen: 56.110 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.7	78.2	117.2
89	47.6	38.1	57.1

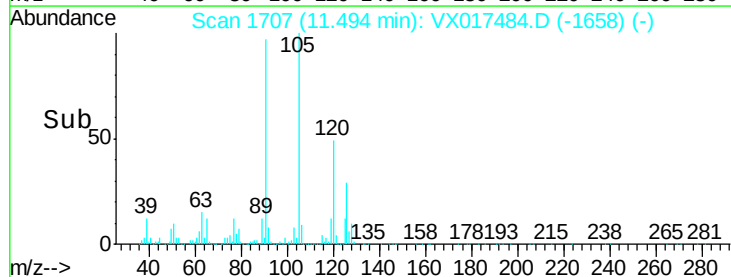
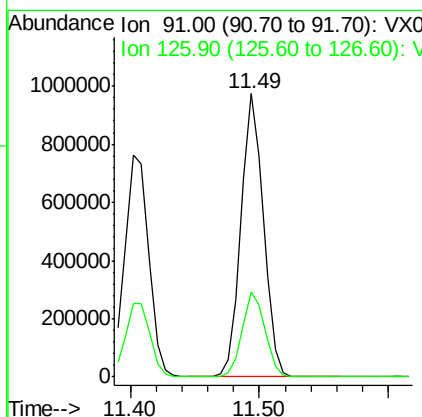
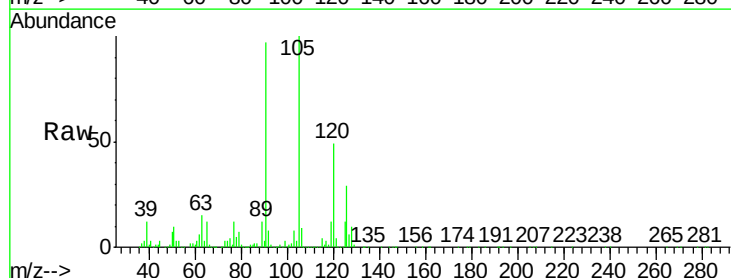
Manual Integrations
APPROVED

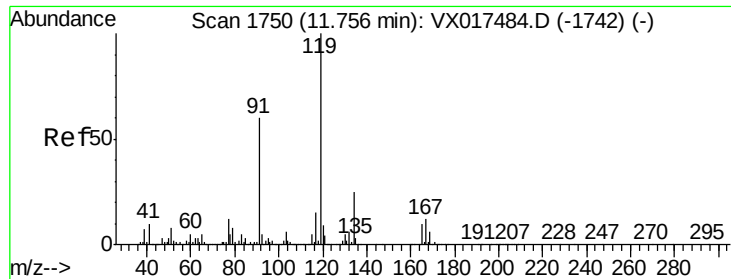
MMDadoda
7/24/2020 1:00:53 PM



#82
4-Chlorotoluene
Concen: 55.363 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.5





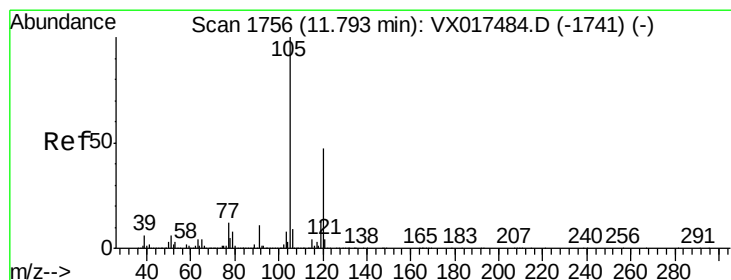
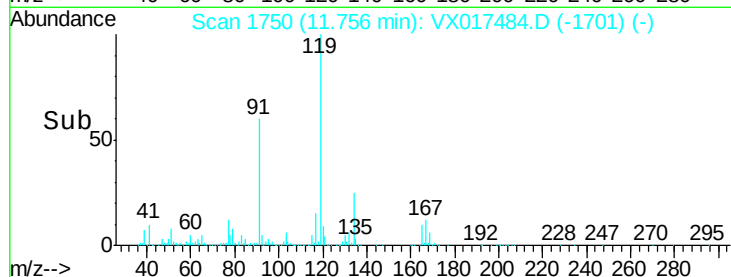
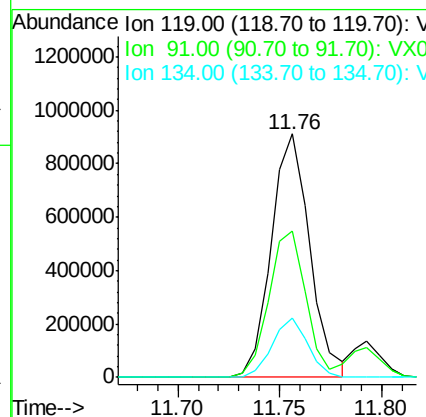
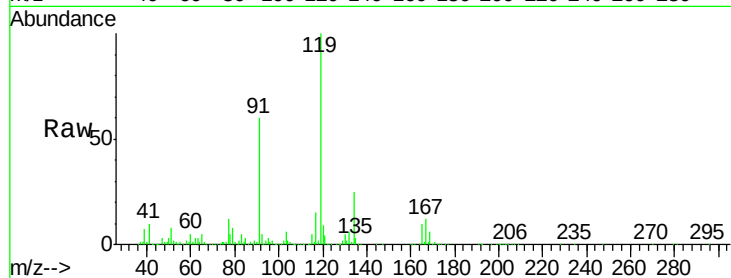
#83
 tert-Butylbenzene
 Concen: 56.557 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.0	29.0	87.0
134	22.7	11.4	34.1

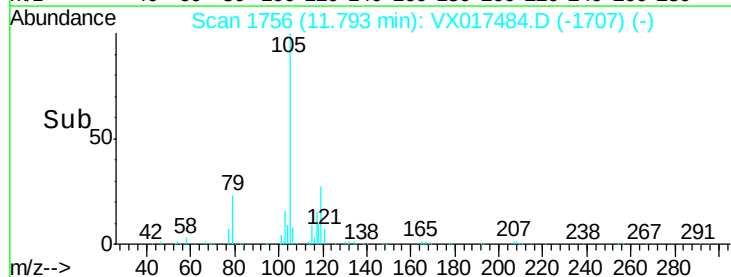
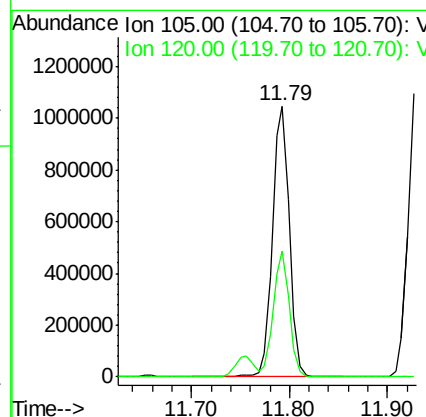
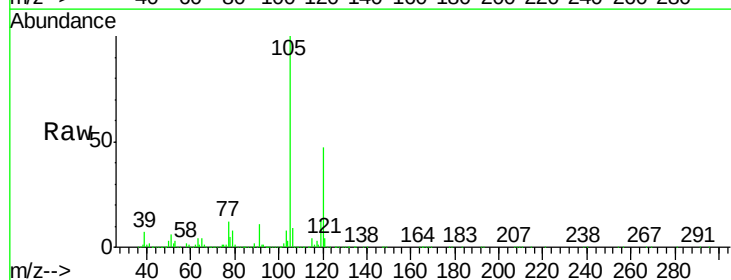
Manual Integrations
 APPROVED

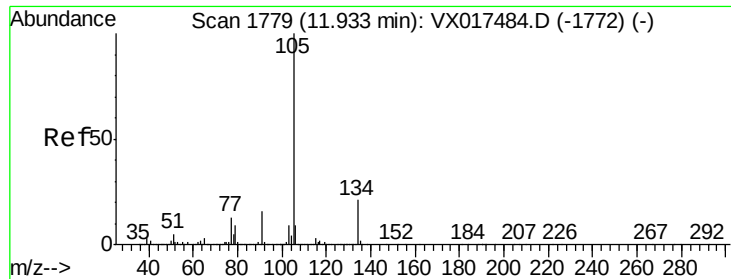
MMDadoda
 7/24/2020 1:00:53 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 57.164 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.3	66.9





#85

sec-Butylbenzene

Concen: 56.033 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1389530

Ion Ratio Lower Upper

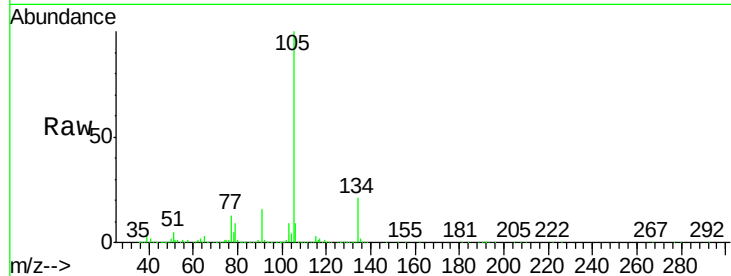
105 100

134 20.7 10.4 31.1

Manual Integrations
APPROVED

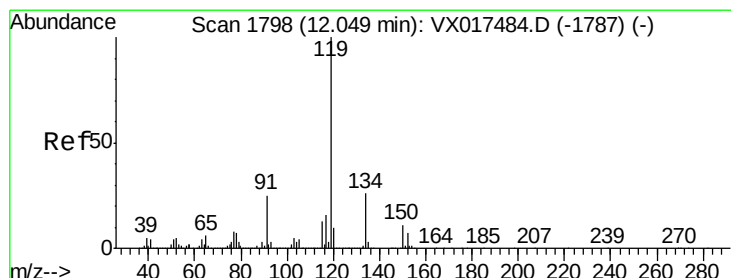
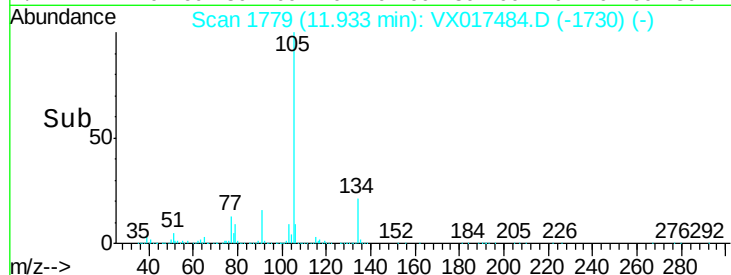
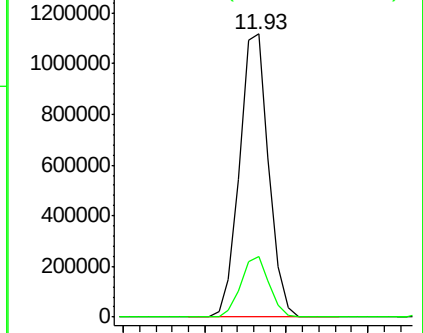
MMDadoda

7/24/2020 1:00:53 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.470 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

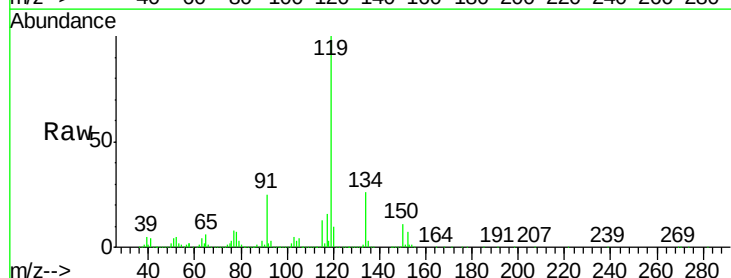
Tgt Ion:119 Resp: 1327884

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

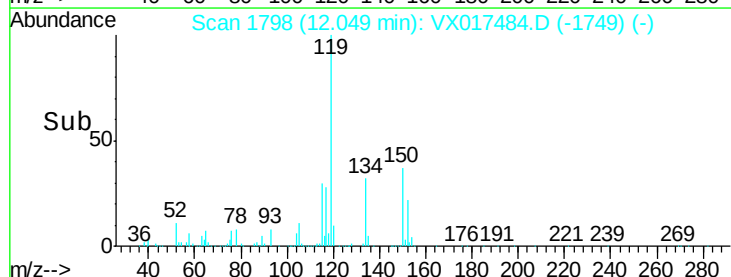
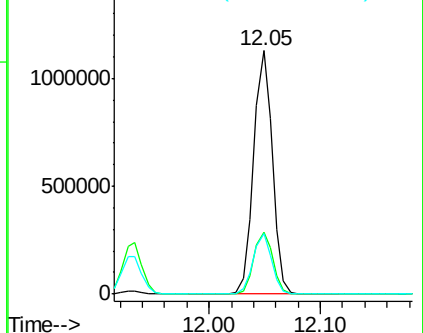
91 24.5 12.3 36.8

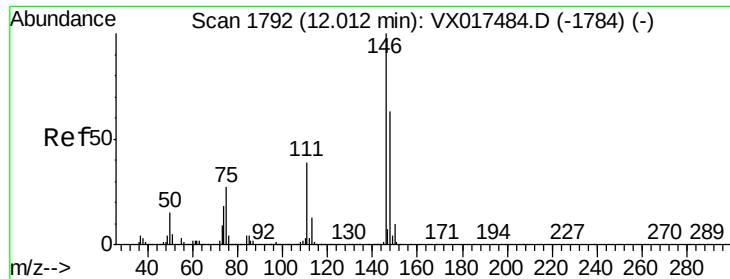


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





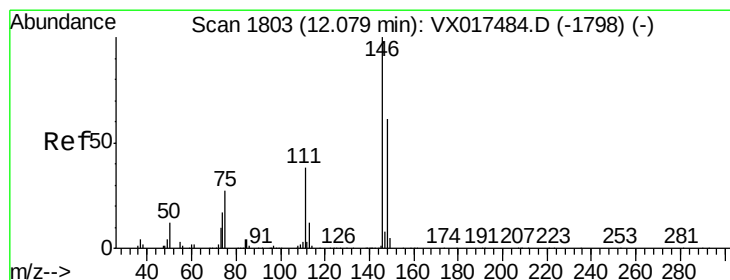
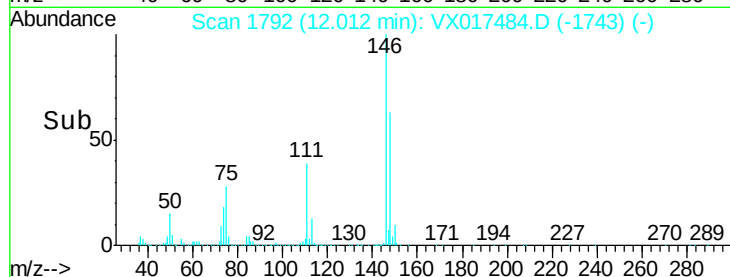
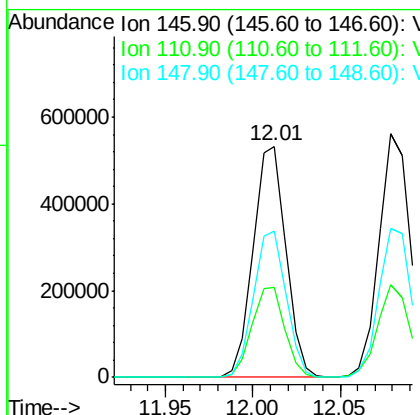
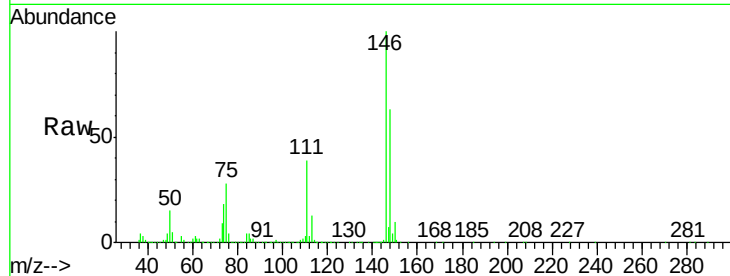
#87
 1,3-Dichlorobenzene
 Concen: 52.666 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.8
148	63.3	31.6	95.0

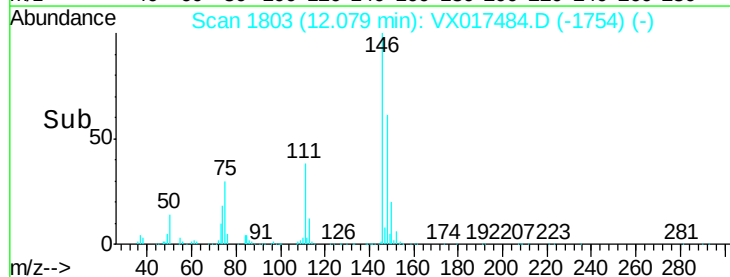
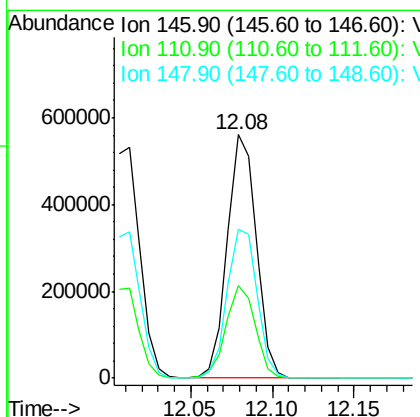
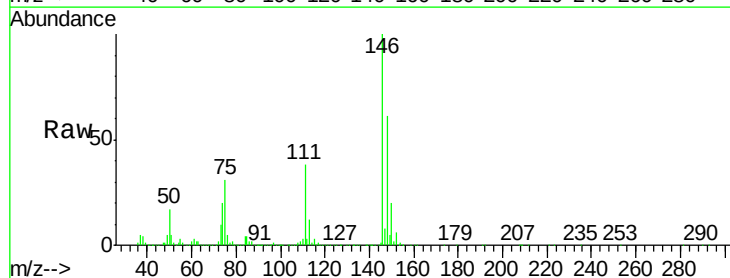
Manual Integrations
 APPROVED

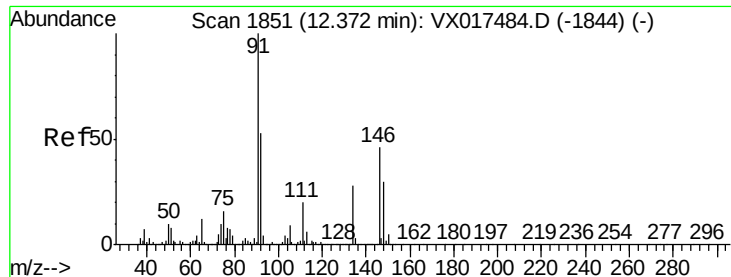
MMDadoda
 7/24/2020 1:00:53 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.273 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.1	57.5
148	63.3	31.6	95.0





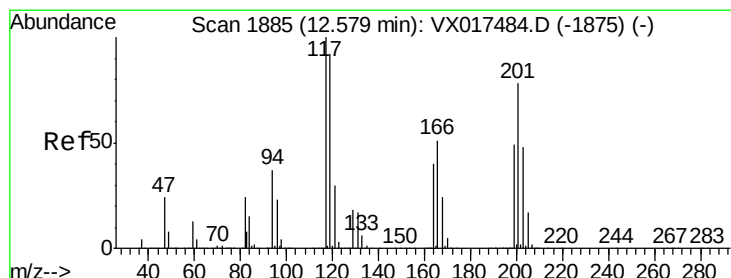
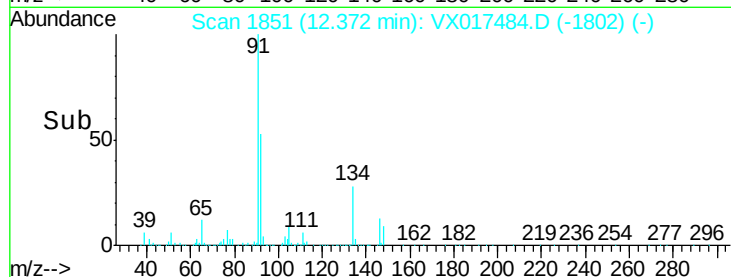
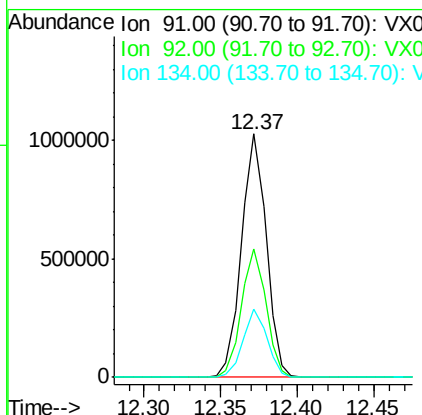
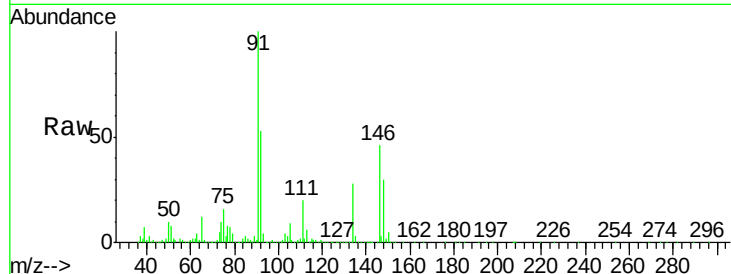
#89
n-Butylbenzene
Concen: 57.095 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	27.3	13.7	41.0

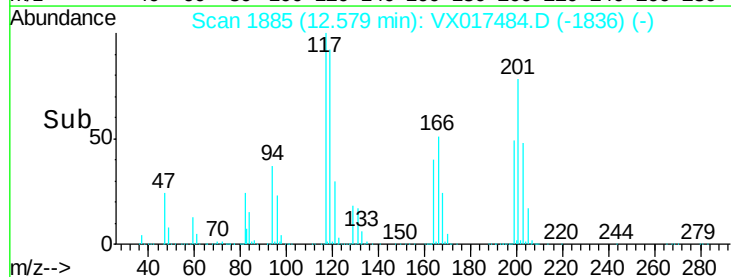
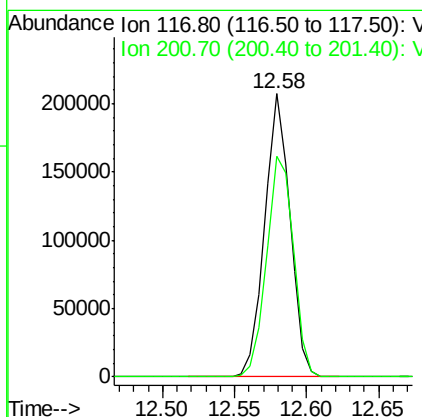
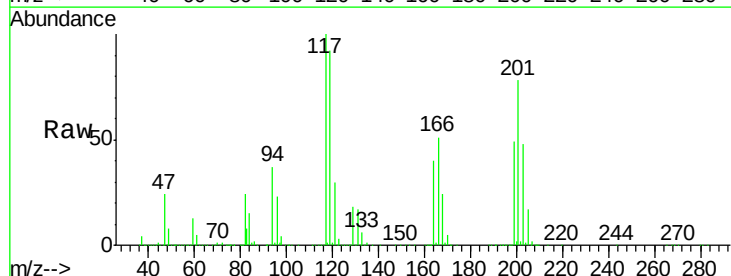
Manual Integrations
APPROVED

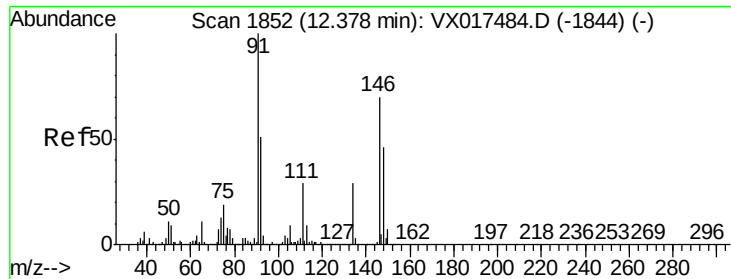
MMDadoda
7/24/2020 1:00:53 PM



#90
Hexachloroethane
Concen: 56.090 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017484.D
Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.9	41.4	124.4





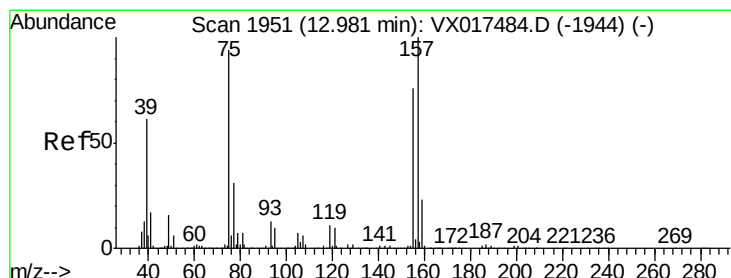
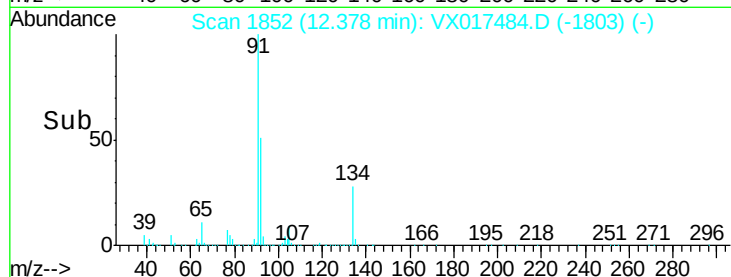
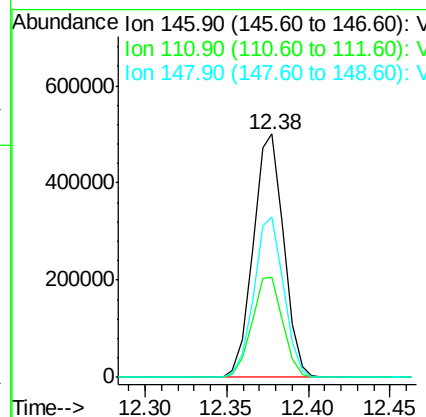
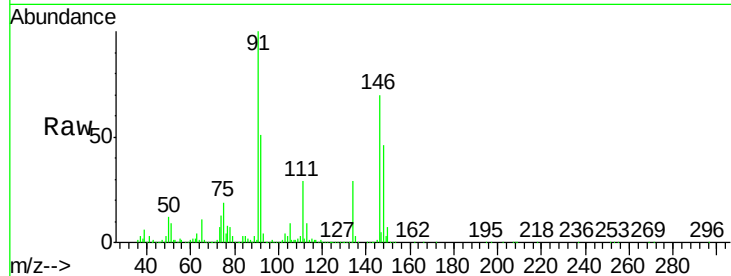
#91
 1,2-Dichlorobenzene
 Concen: 52.744 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	652652		
111	41.5	20.8	62.2	
148	64.6	32.3	96.9	

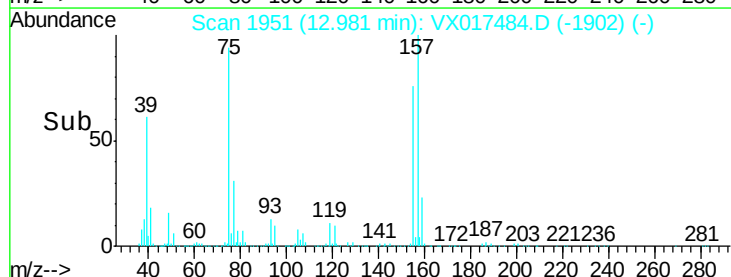
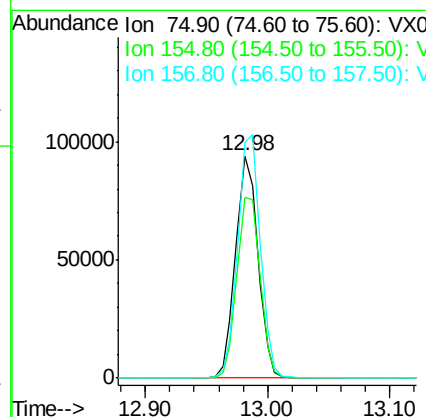
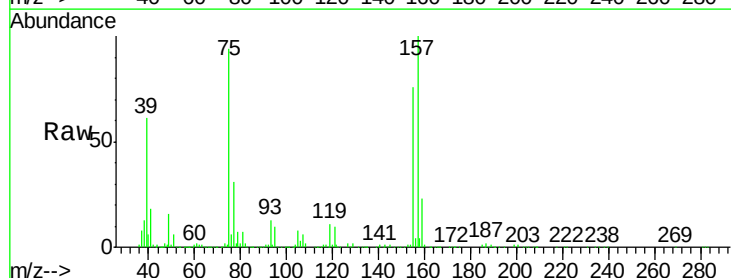
Manual Integrations
 APPROVED

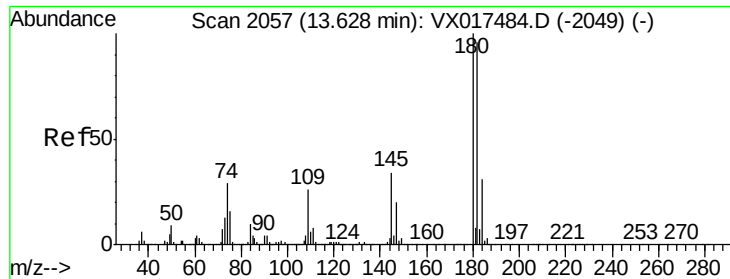
MMDadoda
 7/24/2020 1:00:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.061 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	118766		
155	84.6	42.3	126.9	
157	110.3	55.1	165.5	





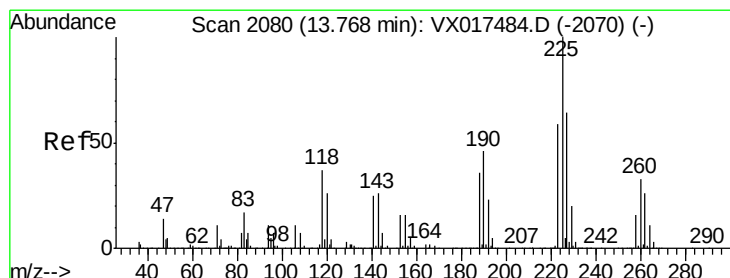
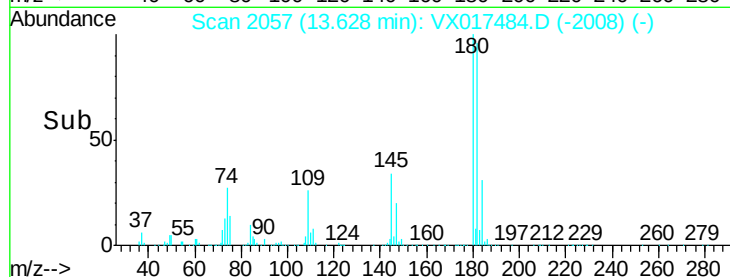
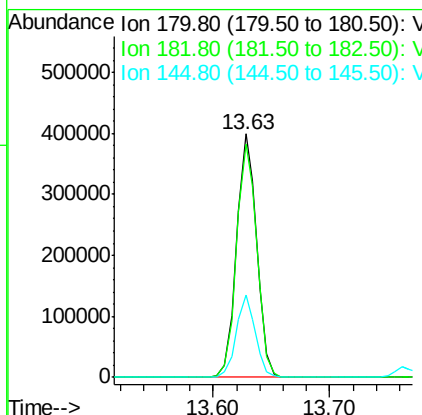
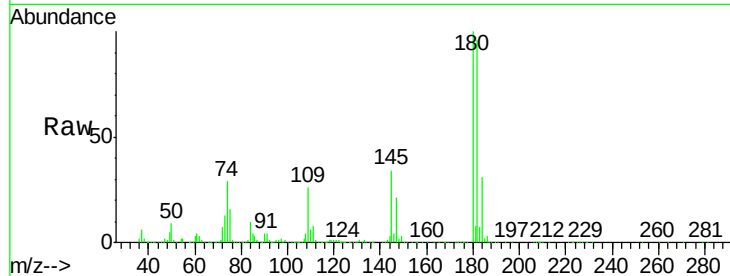
#93
 1,2,4-Trichlorobenzene
 Concen: 55.277 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	478656		
182	97.1	48.5	145.6	
145	31.9	16.0	47.9	

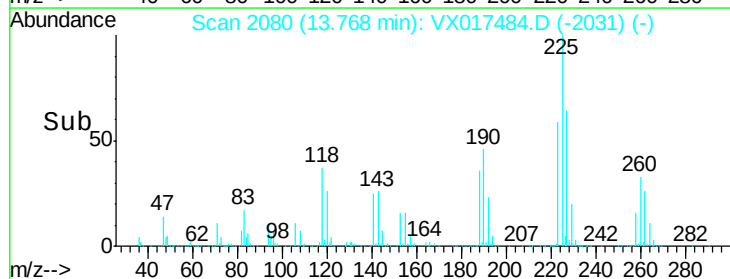
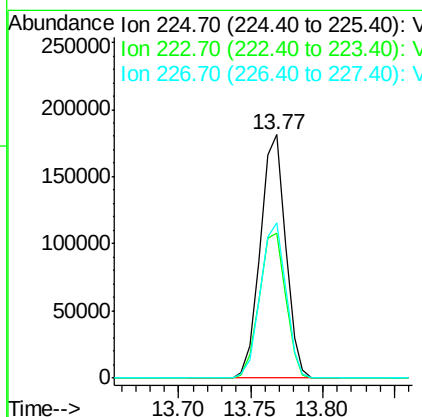
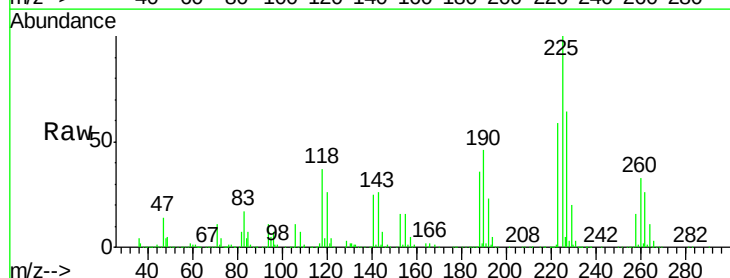
Manual Integrations
 APPROVED

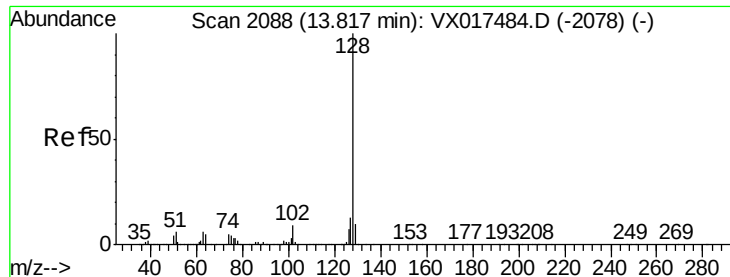
MMDadoda
 7/24/2020 1:00:53 PM



#94
 Hexachlorobutadiene
 Concen: 60.750 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017484.D
 Acq: 23 Jul 2020 11:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	219065		
223	62.1	31.1	93.2	
227	64.4	32.2	96.6	





#95

Naphthalene

Concen: 59.422 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:128 Resp: 1522522

Ion Ratio Lower Upper

128 100

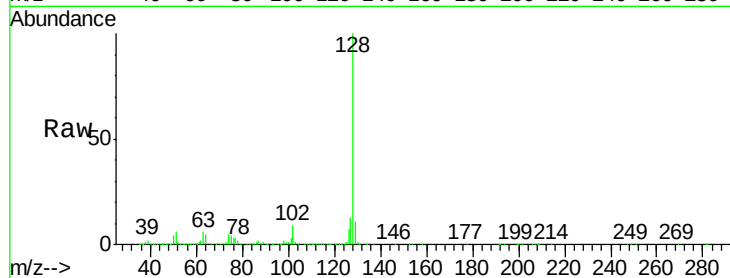
127 12.8 10.2 15.4

129 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

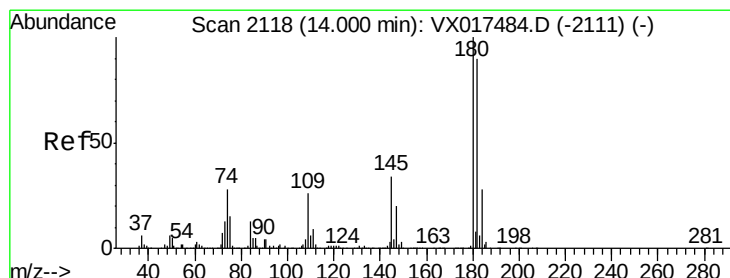
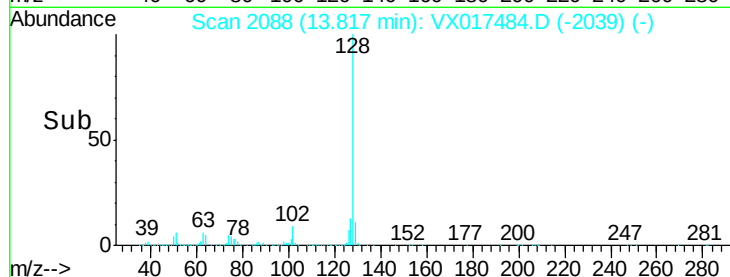
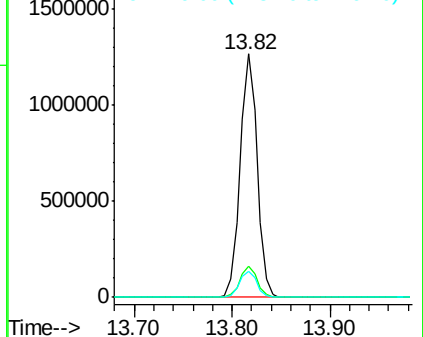
7/24/2020 1:00:53 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 56.973 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX017484.D

Acq: 23 Jul 2020 11:15

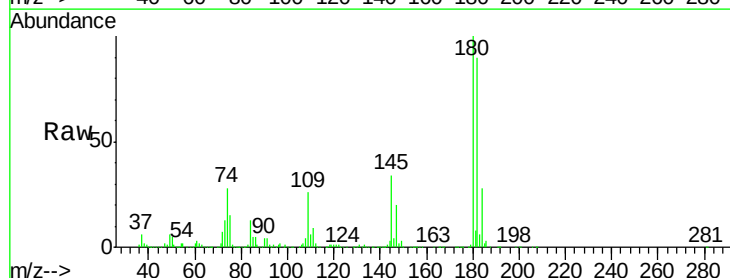
Tgt Ion:180 Resp: 479355

Ion Ratio Lower Upper

180 100

182 91.4 45.7 137.1

145 32.8 16.4 49.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

