

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017084.D
 Acq On : 01 Jul 2020 07:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:47:53 AM

Quant Time: Jul 01 09:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	398476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	155869	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
35) Dibromofluoromethane	5.46	113	128046	50.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.60%	
50) Toluene-d8	8.70	98	467351	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
62) 4-Bromofluorobenzene	11.12	95	188074	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119150	49.398	ug/l	96
3) Chloromethane	1.31	50	127787	43.768	ug/l	99
4) Vinyl Chloride	1.39	62	124449	45.941	ug/l	99
5) Bromomethane	1.62	94	68774	48.054	ug/l	99
6) Chloroethane	1.71	64	73933	46.211	ug/l	97
7) Trichlorofluoromethane	1.92	101	198685	49.593	ug/l	100
8) Diethyl Ether	2.17	74	68947	51.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115434	48.073	ug/l	98
10) Methyl Iodide	2.49	142	133863	43.204	ug/l	100
11) Tert butyl alcohol	3.01	59	143720	245.105	ug/l	99
12) 1,1-Dichloroethene	2.36	96	116693	47.307	ug/l	99
13) Acrolein	2.27	56	69486	198.239	ug/l	97
14) Allyl chloride	2.71	41	199505	43.764	ug/l	98
15) Acrylonitrile	3.12	53	347002	246.172	ug/l	99
16) Acetone	2.42	43	293374	255.147	ug/l	99
17) Carbon Disulfide	2.55	76	337151	48.981	ug/l	99
18) Methyl Acetate	2.75	43	156057	51.991	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	409926	49.516	ug/l	99
20) Methylene Chloride	2.84	84	136339	51.728	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	133670	48.831	ug/l	98
22) Diisopropyl ether	3.82	45	414701	49.151	ug/l	97
23) Vinyl Acetate	3.79	43	1809059	249.516	ug/l	99
24) 1,1-Dichloroethane	3.67	63	232767	48.485	ug/l	99
25) 2-Butanone	4.64	43	467439	243.978	ug/l	99
26) 2,2-Dichloropropane	4.56	77	130723	30.667	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	144061	46.447	ug/l	96
28) Bromochloromethane	4.98	49	106767	45.702	ug/l	97
29) Tetrahydrofuran	5.09	42	310833	245.547	ug/l	100
30) Chloroform	5.18	83	240252	48.819	ug/l	97
31) Cyclohexane	5.55	56	196741	47.411	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	222285	49.045	ug/l	99
36) 1,1-Dichloropropene	5.78	75	175231	46.529	ug/l	99
37) Ethyl Acetate	4.79	43	183287	47.967	ug/l	98
38) Carbon Tetrachloride	5.76	117	202304	48.771	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
 Data File : VX017084.D
 Acq On : 01 Jul 2020 07:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2020 10:47:53 AM

Quant Time: Jul 01 09:12:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	194482	46.413	ug/l	96
40) Benzene	6.12	78	521366	47.117	ug/l	99
41) Methacrylonitrile	5.01	41	104603	48.639	ug/l	98
42) 1,2-Dichloroethane	6.16	62	196686	49.210	ug/l	100
43) Isopropyl Acetate	6.42	43	300353	47.303	ug/l	100
44) Trichloroethene	7.19	130	150382	49.245	ug/l	99
45) 1,2-Dichloropropane	7.49	63	136049	47.870	ug/l	99
46) Dibromomethane	7.64	93	94195	48.546	ug/l	98
47) Bromodichloromethane	7.88	83	196853	49.230	ug/l	99
48) Methyl methacrylate	7.74	41	152265	50.475	ug/l	98
49) 1,4-Dioxane	7.71	88	65573	959.493	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	946984	250.196	ug/l	100
52) Toluene	8.77	92	337197	48.808	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	199704	45.265	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	212974	45.031	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	140806	49.884	ug/l	97
56) Ethyl methacrylate	9.16	69	204529	50.909	ug/l	99
57) 1,3-Dichloropropane	9.35	76	228807	47.906	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	528881	264.506	ug/l	100
59) 2-Hexanone	9.48	43	721143	260.878	ug/l	99
60) Dibromochloromethane	9.57	129	166045	50.648	ug/l	100
61) 1,2-Dibromoethane	9.65	107	149546	49.289	ug/l	99
64) Tetrachloroethene	9.32	164	142652	45.730	ug/l	99
65) Chlorobenzene	10.12	112	372744	46.724	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	146580	47.677	ug/l	98
67) Ethyl Benzene	10.24	91	648902	48.707	ug/l	100
68) m/p-Xylenes	10.34	106	496861	97.130	ug/l	98
69) o-Xylene	10.68	106	237441	48.793	ug/l	99
70) Styrene	10.70	104	423034	51.049	ug/l	100
71) Bromoform	10.84	173	126848	52.029	ug/l #	99
73) Isopropylbenzene	11.00	105	649694	47.975	ug/l	100
74) N-amyl acetate	10.88	43	279114	48.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	197895	46.456	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	181633m	44.675	ug/l	
77) Bromobenzene	11.24	156	177390	47.661	ug/l	97
78) n-propylbenzene	11.34	91	733955	47.927	ug/l	100
79) 2-Chlorotoluene	11.40	91	445666	48.085	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	550110	48.973	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	64343	40.984	ug/l	99
82) 4-Chlorotoluene	11.49	91	525498	47.429	ug/l	100
83) tert-Butylbenzene	11.76	119	536895	48.689	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	555358	48.733	ug/l	100
85) sec-Butylbenzene	11.93	105	623346	48.091	ug/l	99
86) p-Isopropyltoluene	12.05	119	580485	48.107	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	303782	44.940	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	306929	48.140	ug/l	99
89) n-Butylbenzene	12.37	91	481269	44.669	ug/l	99
90) Hexachloroethane	12.58	117	111419	46.824	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	294716	46.642	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44861	44.146	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX063020\
Data File : VX017084.D
Acq On : 01 Jul 2020 07:11
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

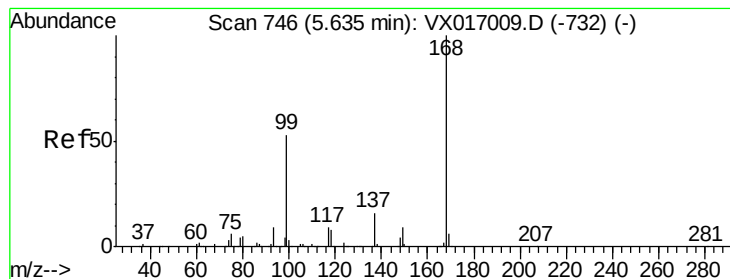
Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM

Quant Time: Jul 01 09:12:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	193632	44.897	ug/l	99
94) Hexachlorobutadiene	13.76	225	74826	45.788	ug/l	94
95) Naphthalene	13.82	128	627975	47.895	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	191534	45.890	ug/l	99

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



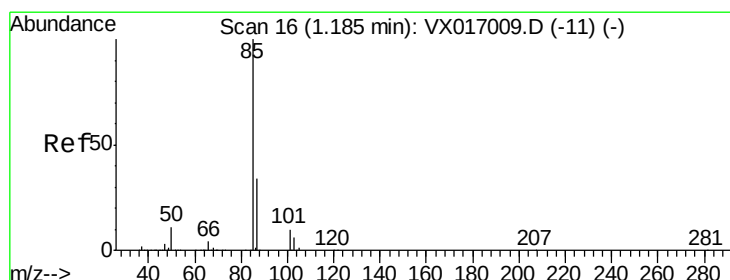
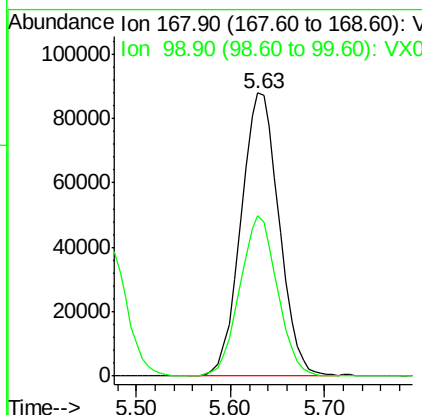
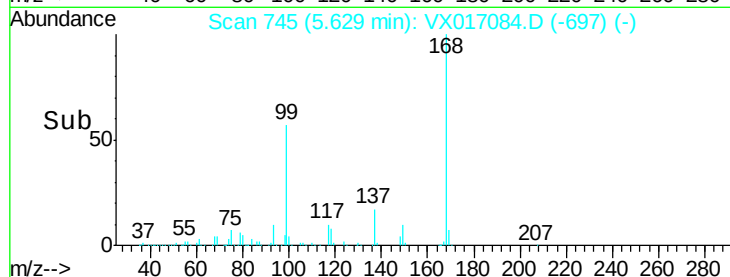
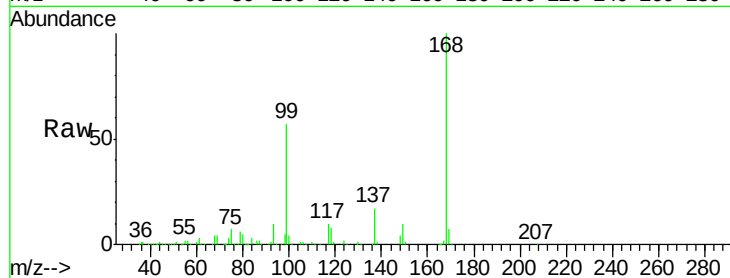
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.4	42.6	64.0

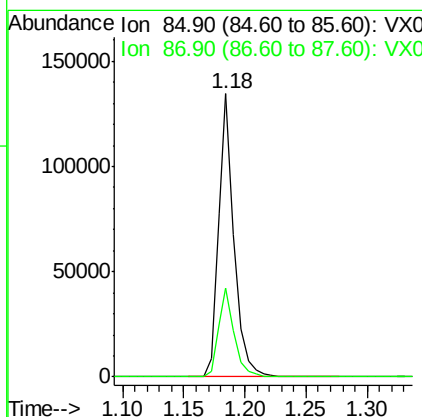
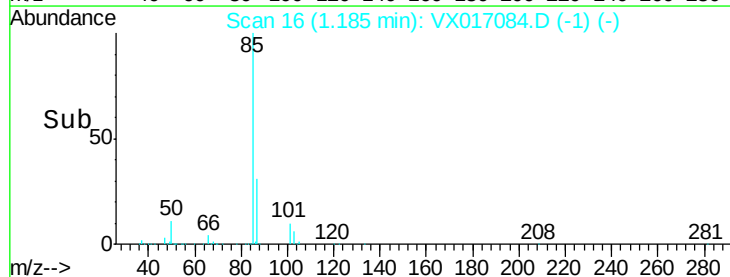
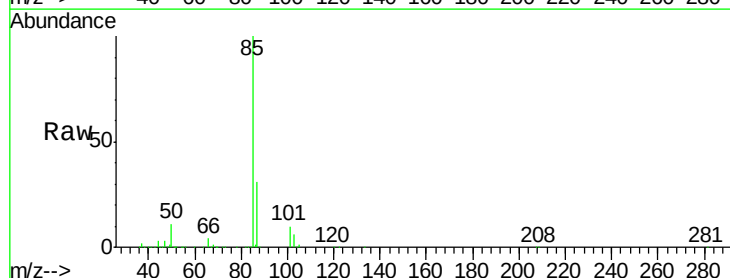
Manual Integrations
APPROVED

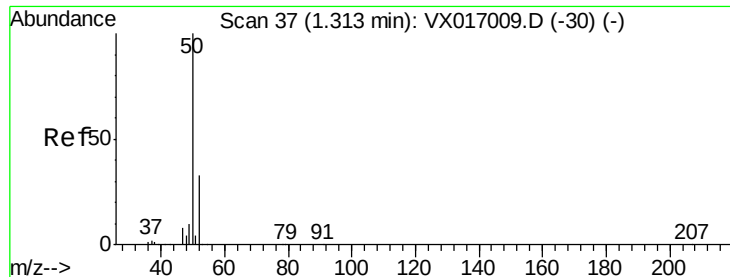
MMDadoda
7/1/2020 10:47:53 AM



#2
Dichlorodifluoromethane
Concen: 49.398 ug/l
RT: 1.18 min Scan# 16
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.3	16.8	50.4





#3

Chloromethane

Concen: 43.768 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 50 Resp: 127787

Ion Ratio Lower Upper

50 100

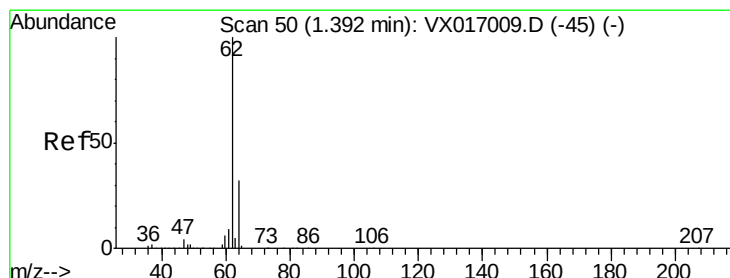
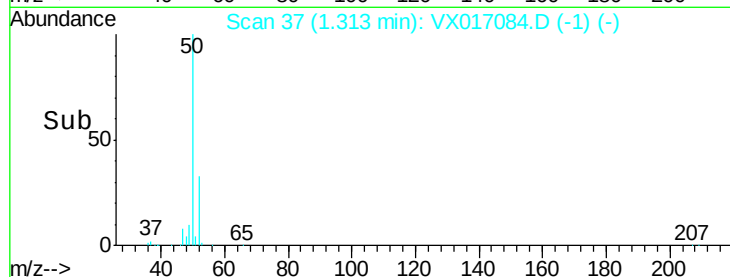
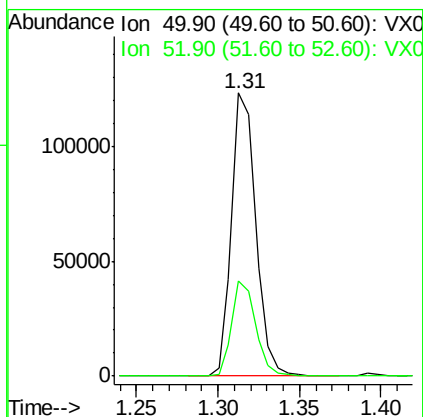
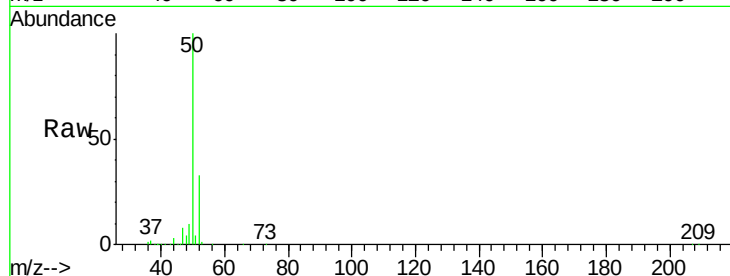
52 33.4 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:47:53 AM



#4

Vinyl Chloride

Concen: 45.941 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017084.D

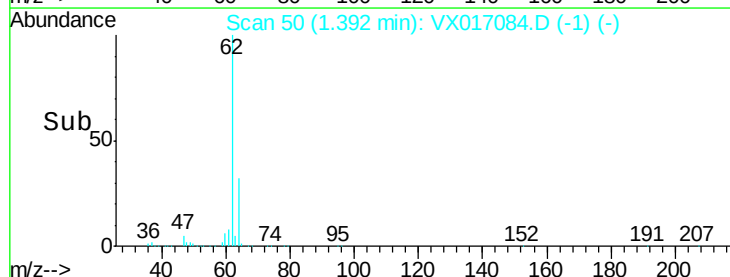
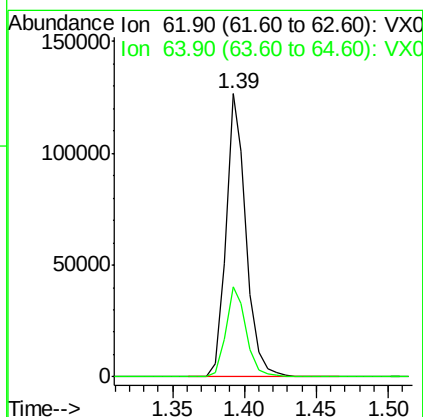
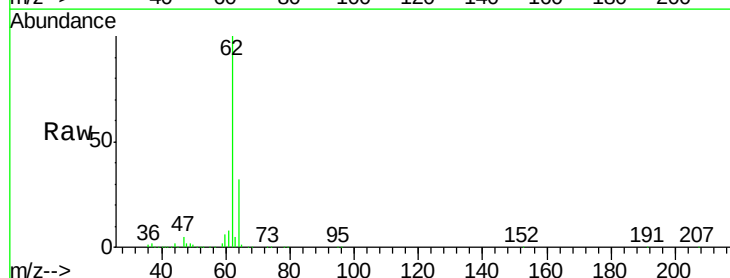
Acq: 01 Jul 2020 07:11

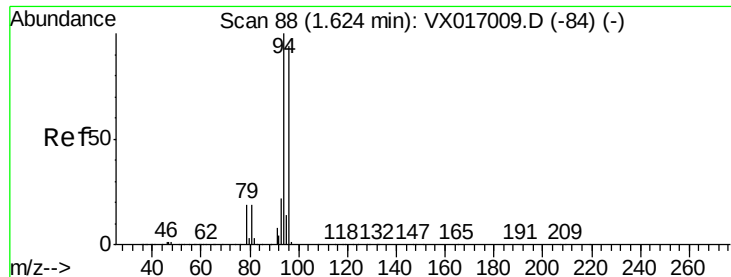
Tgt Ion: 62 Resp: 124449

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 48.054 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 94 Resp: 68774

Ion Ratio Lower Upper

94 100

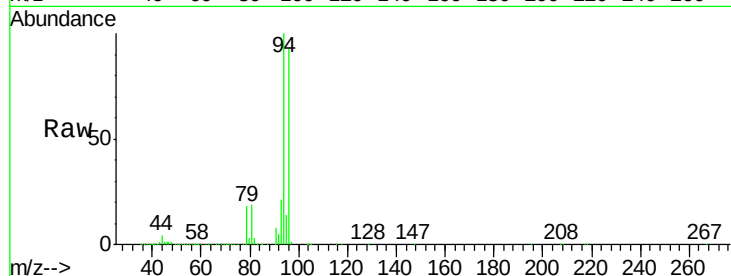
96 92.6 75.0 112.4

Manual Integrations

APPROVED

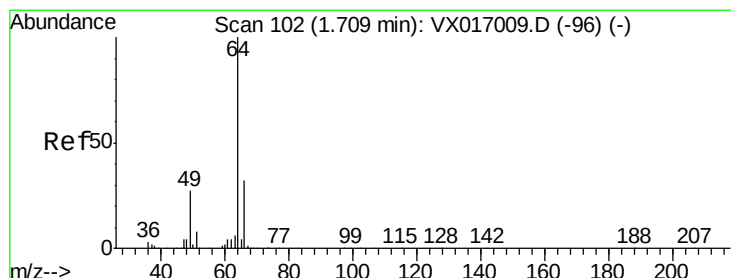
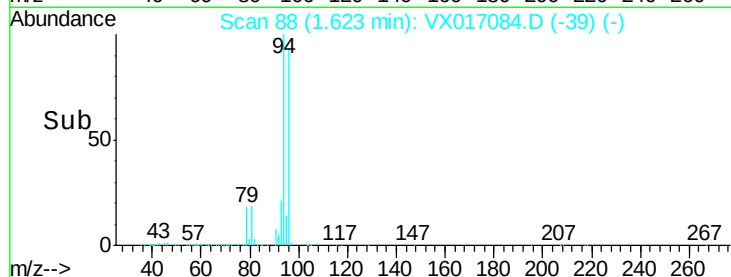
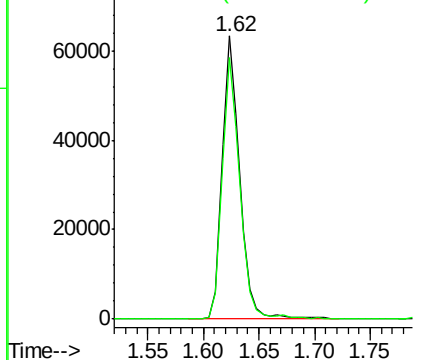
MMDadoda

7/1/2020 10:47:53 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 46.211 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017084.D

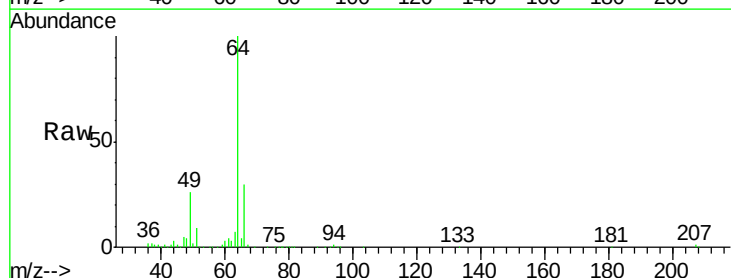
Acq: 01 Jul 2020 07:11

Tgt Ion: 64 Resp: 73933

Ion Ratio Lower Upper

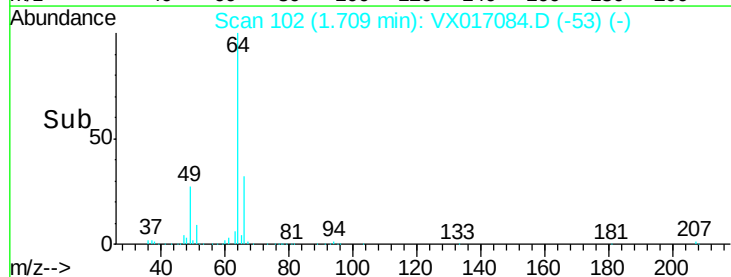
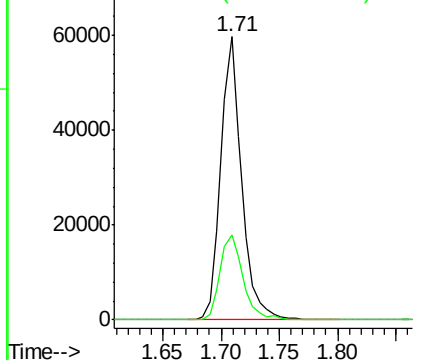
64 100

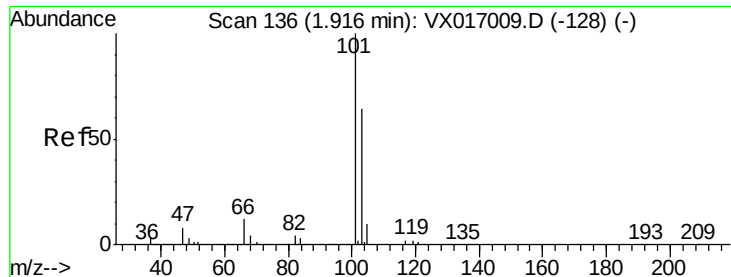
66 30.2 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

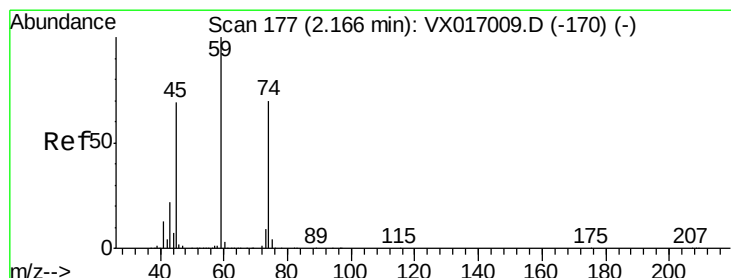
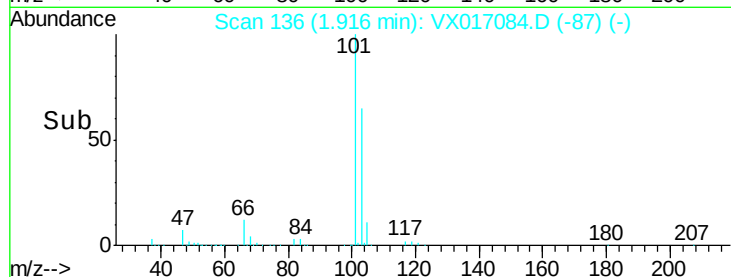
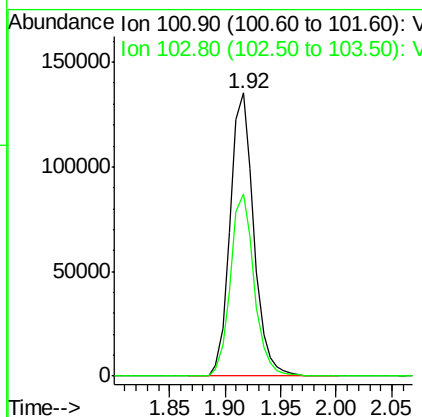
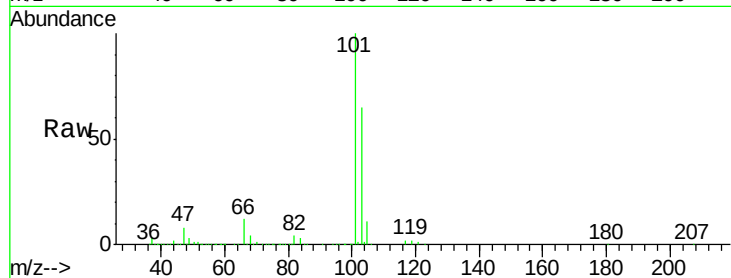
Trichlorofluoromethane
Concen: 49.593 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.5	77.3

Manual Integrations
APPROVED

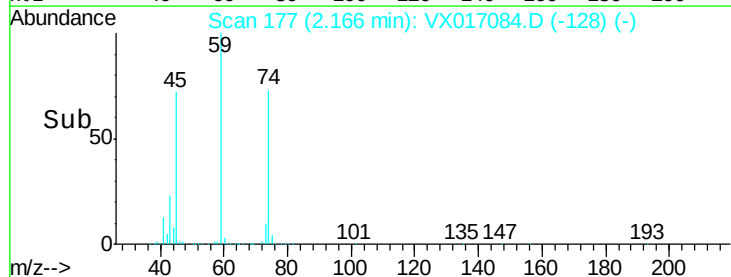
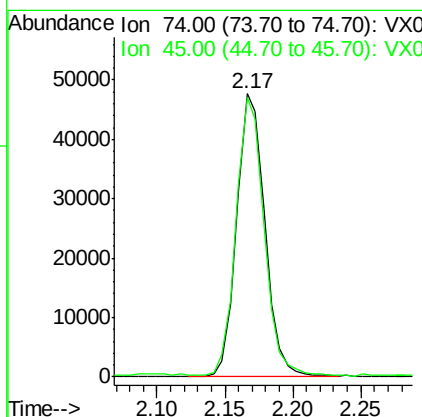
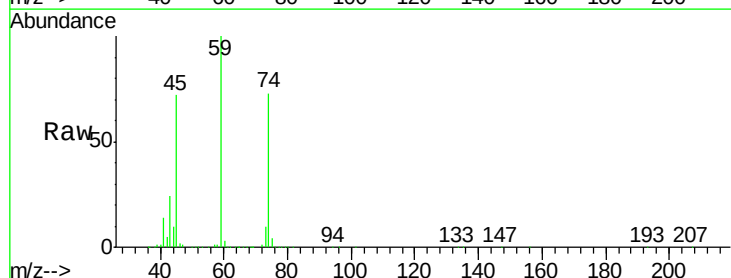
MMDadoda
7/1/2020 10:47:53 AM

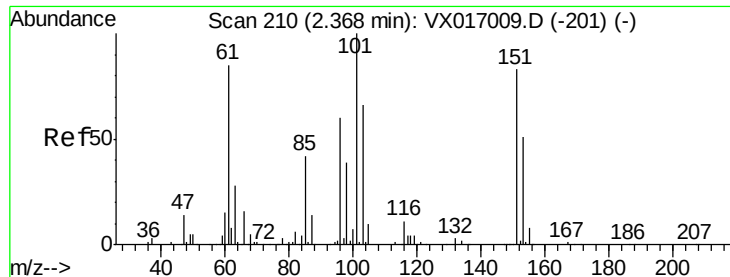


#8

Diethyl Ether
Concen: 51.139 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	49.8	149.3





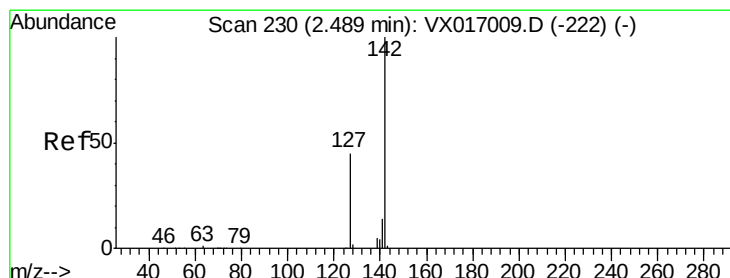
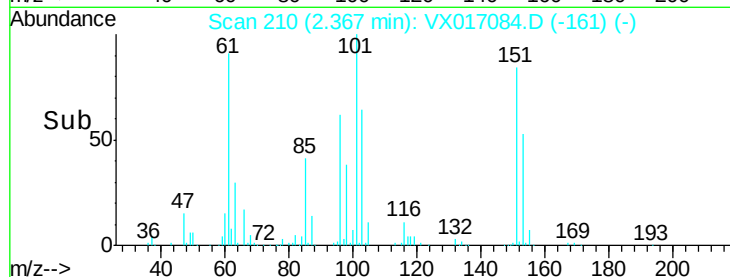
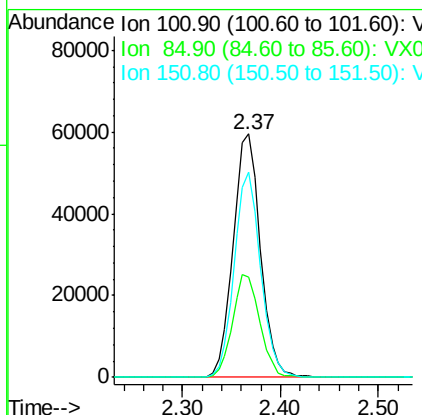
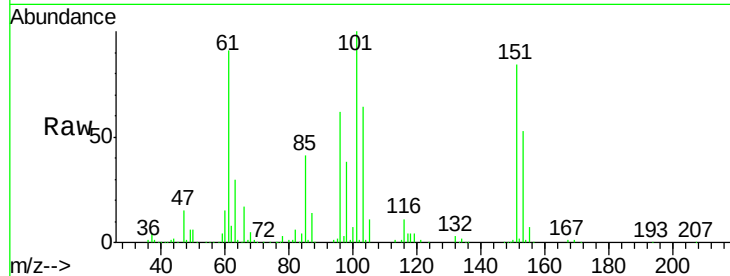
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.073 ug/l
RT: 2.37 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	115434		
85	42.2	33.5	50.3	
151	81.9	63.8	95.6	

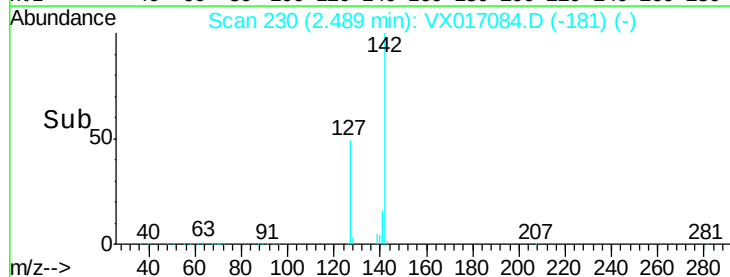
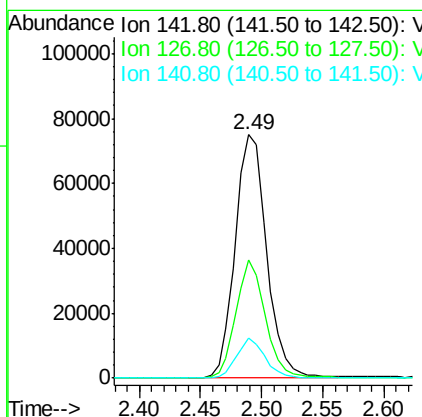
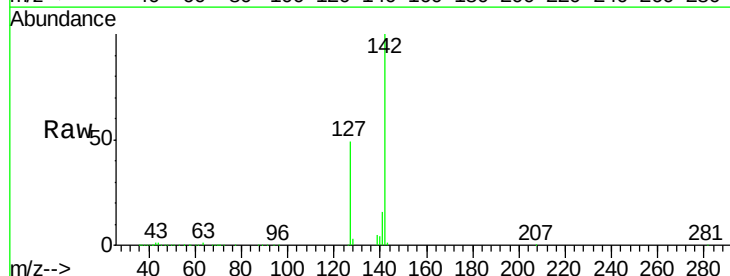
Manual Integrations
APPROVED

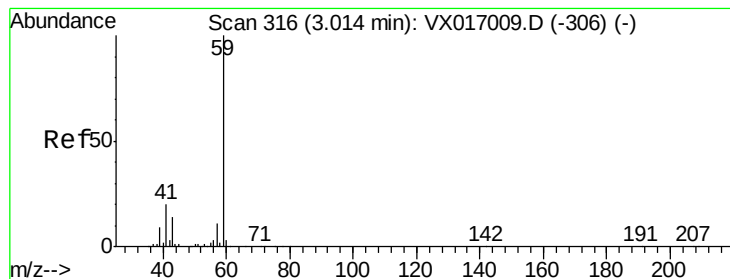
MMDadoda
7/1/2020 10:47:53 AM



#10
Methyl Iodide
Concen: 43.204 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	133863		
127	45.6	36.6	54.8	
141	15.0	11.6	17.4	





#11

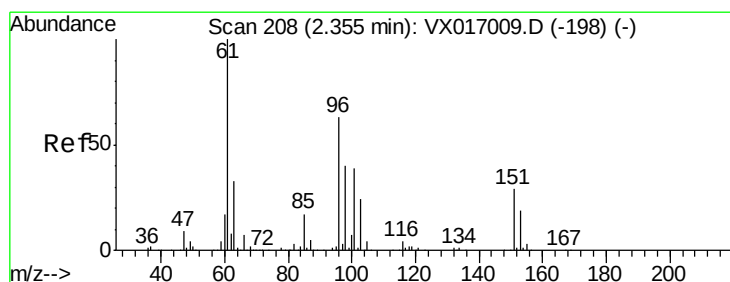
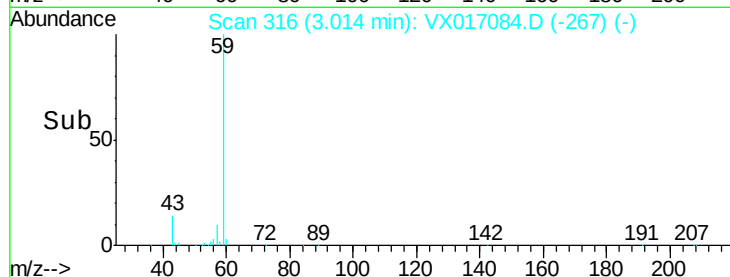
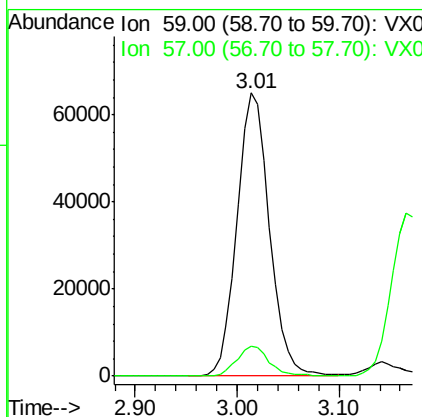
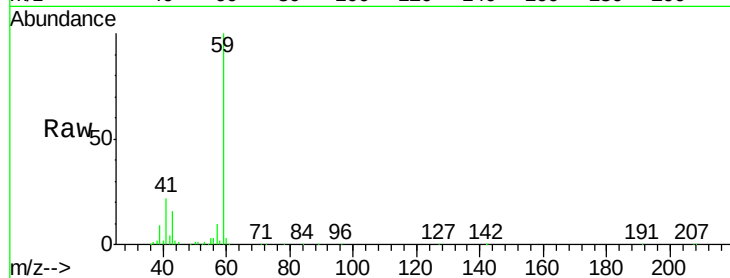
Tert butyl alcohol
Concen: 245.105 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	143720
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.2

Manual Integrations
APPROVED

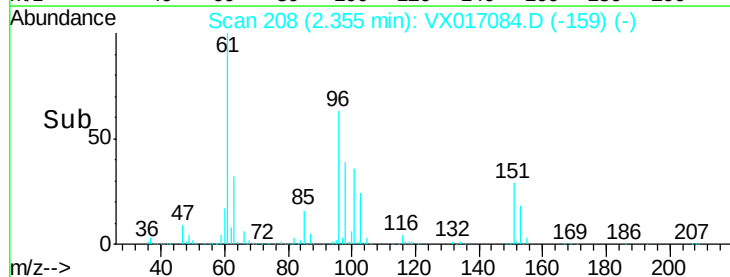
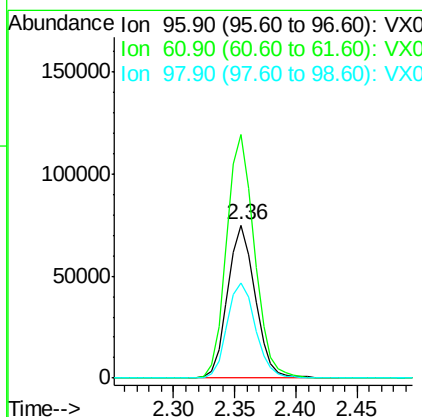
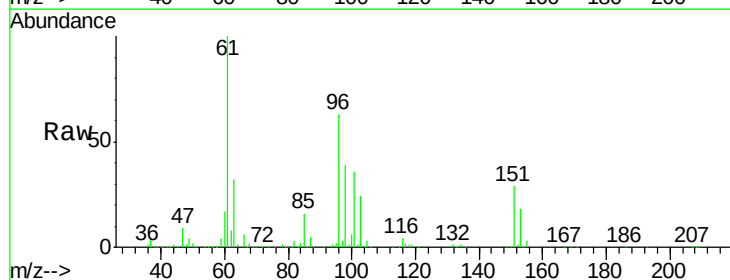
MMDadoda
7/1/2020 10:47:53 AM

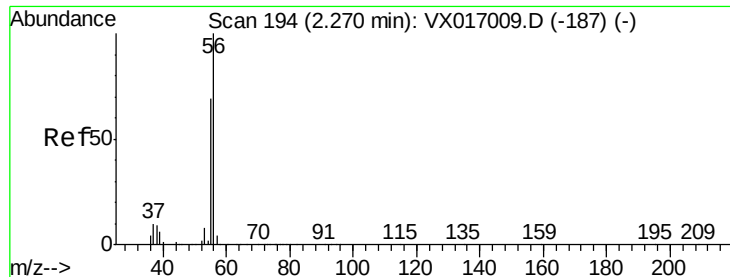


#12

1,1-Dichloroethene
Concen: 47.307 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	96	Resp	116693
Ion Ratio	100	Lower	Upper
61	159.0	126.3	189.5
98	62.1	51.0	76.6





#13

Acrolein

Concen: 198.239 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 69486

Ion Ratio Lower Upper

56 100

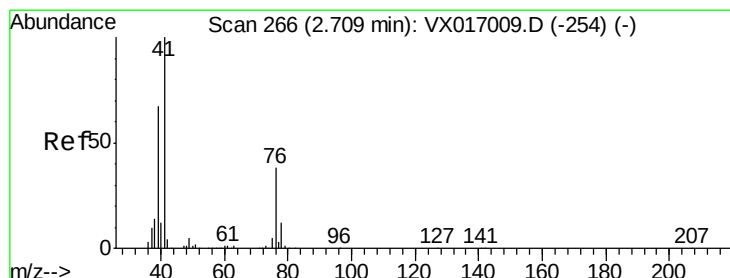
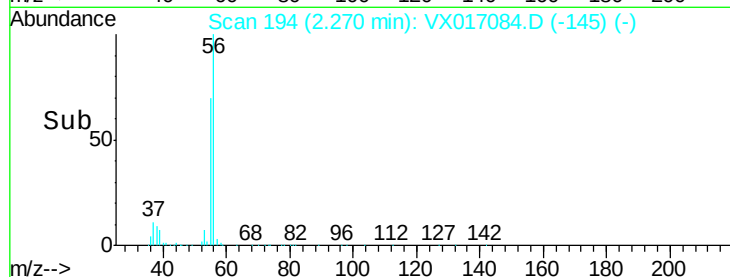
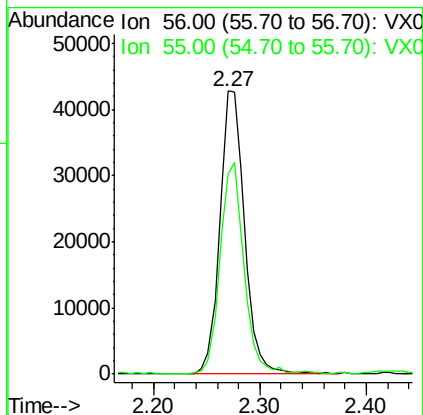
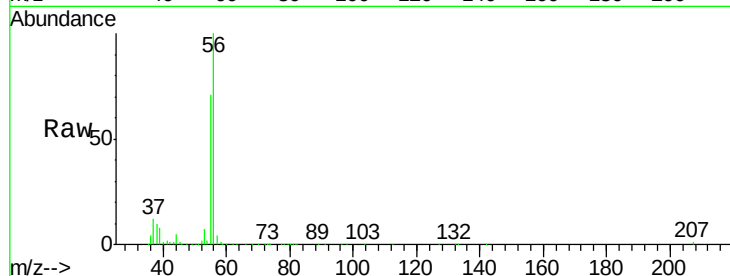
55 71.7 55.7 83.5

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:47:53 AM



#14

Allyl chloride

Concen: 43.764 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

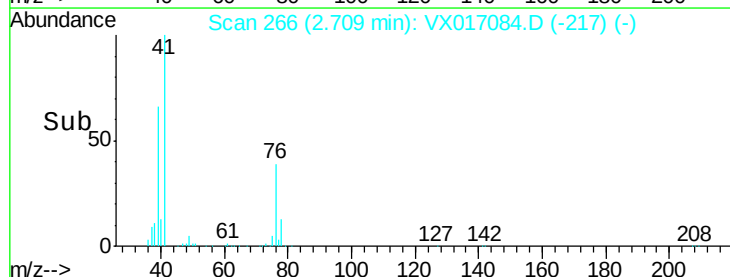
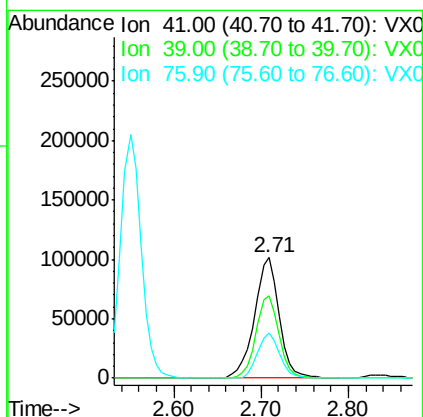
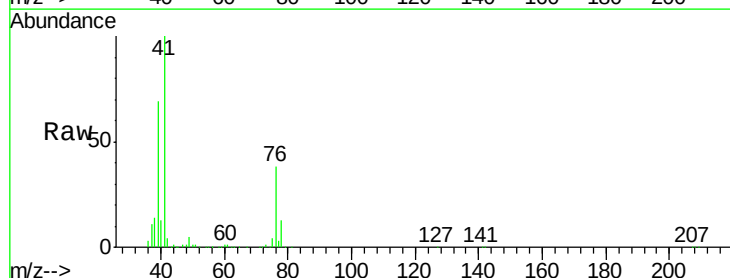
Tgt Ion: 41 Resp: 199505

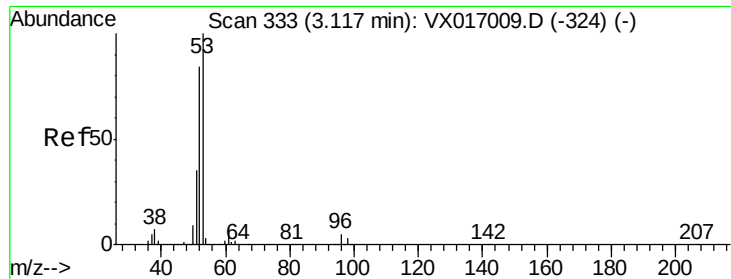
Ion Ratio Lower Upper

41 100

39 63.7 49.4 74.2

76 33.6 26.8 40.2





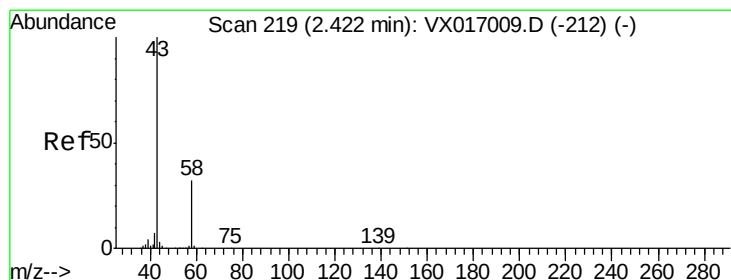
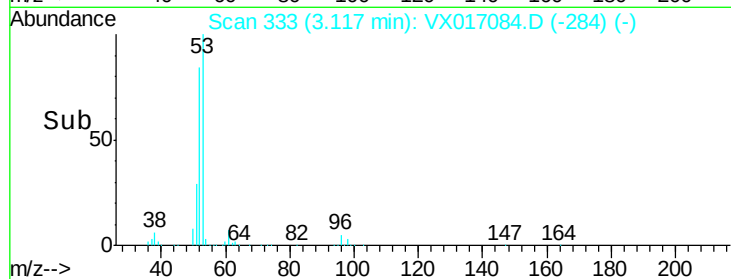
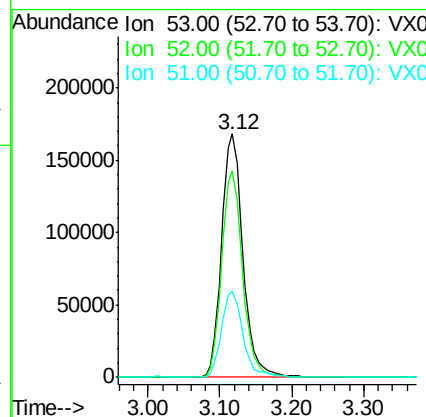
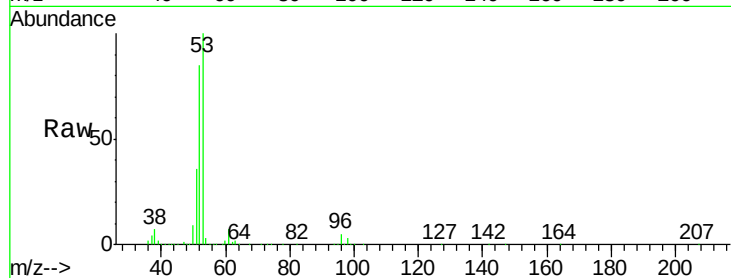
#15
 Acrylonitrile
 Concen: 246.172 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.0	65.6	98.4
51	35.6	28.3	42.5

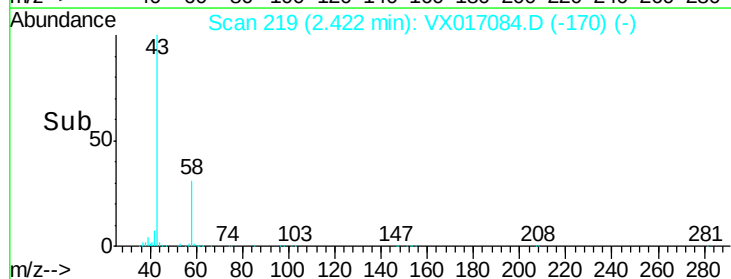
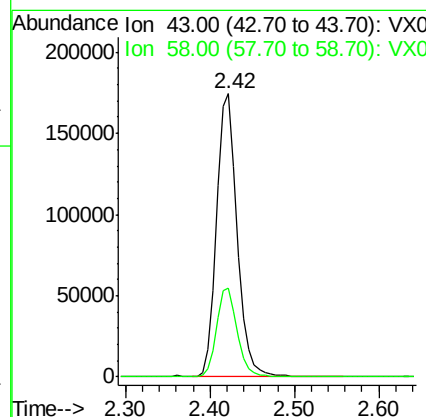
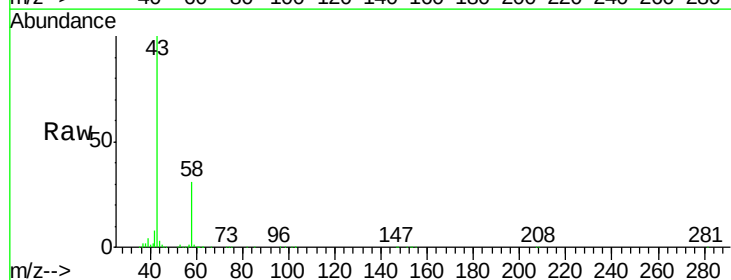
Manual Integrations
 APPROVED

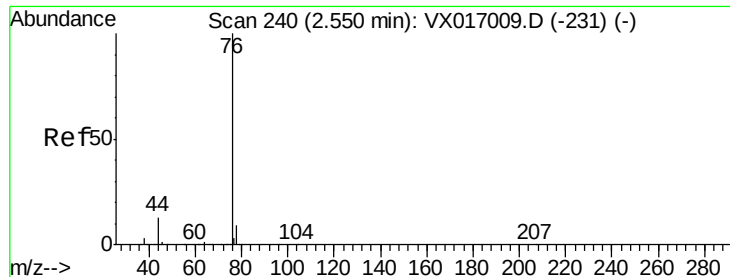
MMDadoda
 7/1/2020 10:47:53 AM



#16
 Acetone
 Concen: 255.147 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	31.4	25.7	38.5





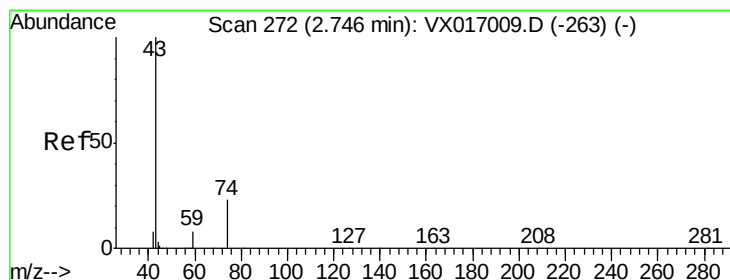
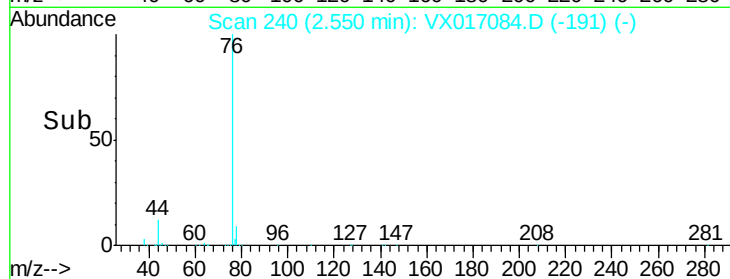
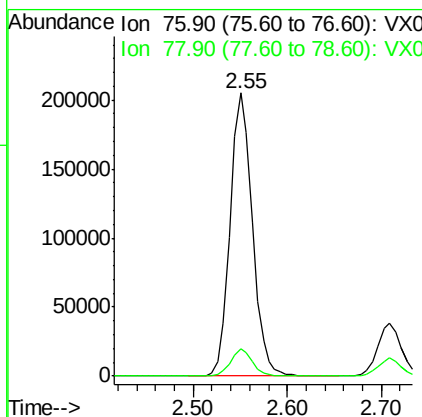
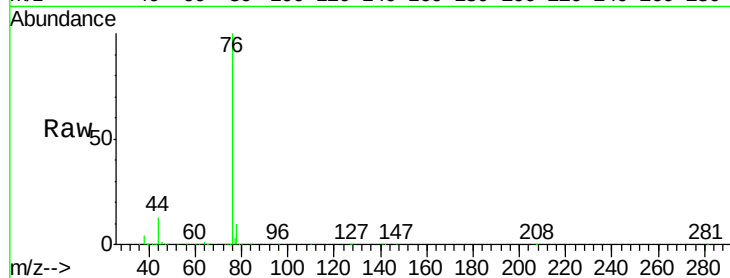
#17
Carbon Disulfide
Concen: 48.981 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.2	10.8

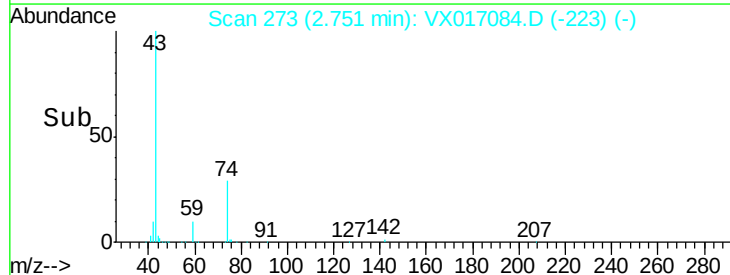
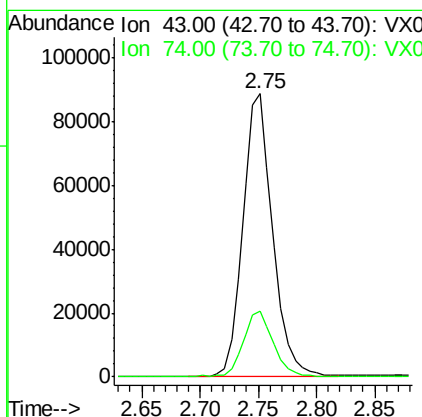
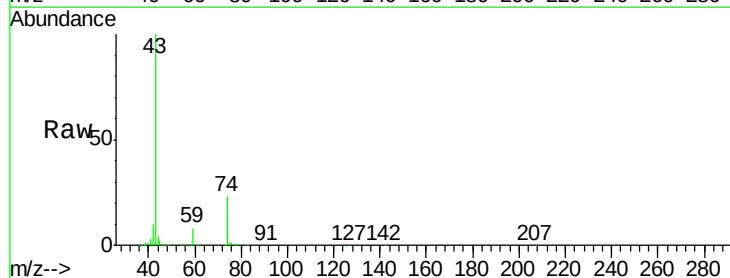
Manual Integrations
APPROVED

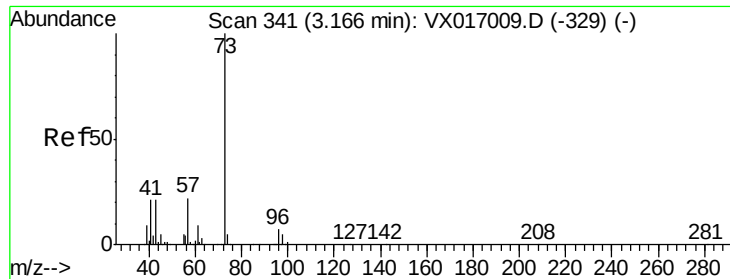
MMDadoda
7/1/2020 10:47:53 AM



#18
Methyl Acetate
Concen: 51.991 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.9	19.3	28.9





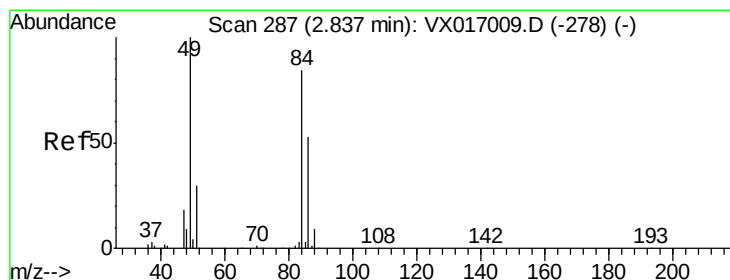
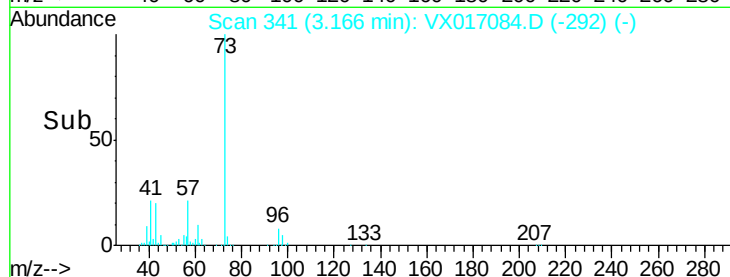
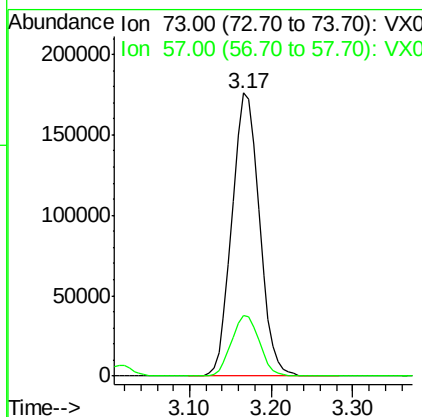
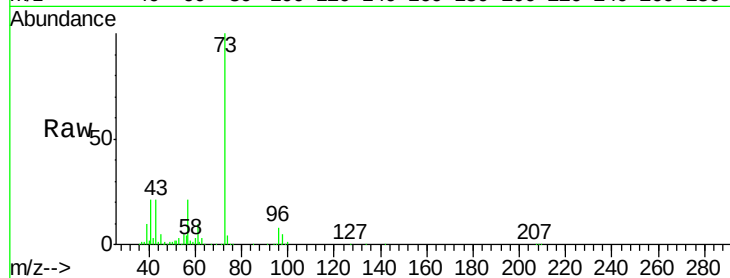
#19
Methyl tert-butyl Ether
Concen: 49.516 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.6	26.4

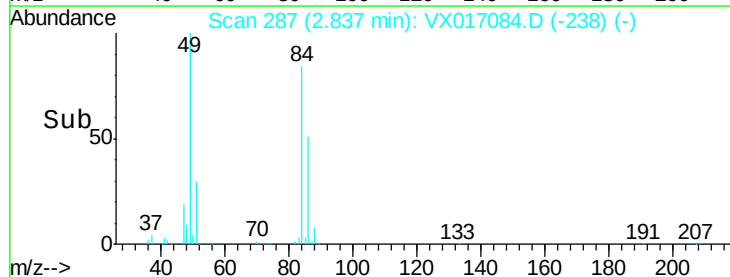
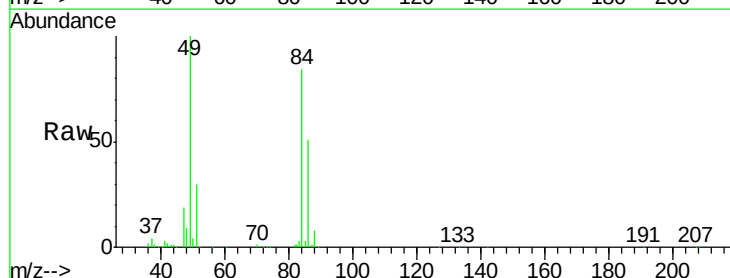
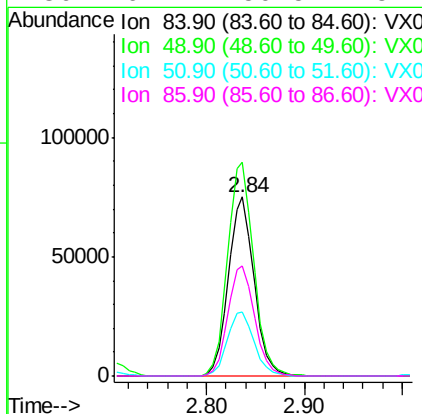
Manual Integrations
APPROVED

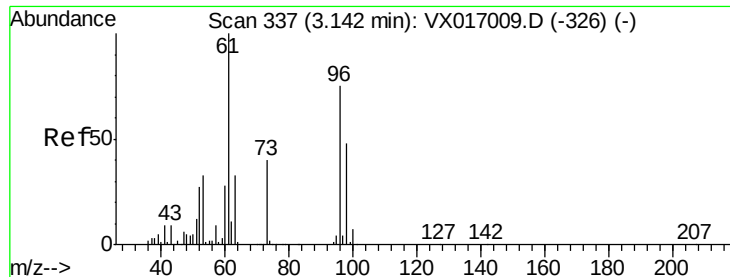
MMDadoda
7/1/2020 10:47:53 AM



#20
Methylene Chloride
Concen: 51.728 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.3	94.7	142.1
51	35.9	28.6	42.8
86	61.2	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 48.831 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

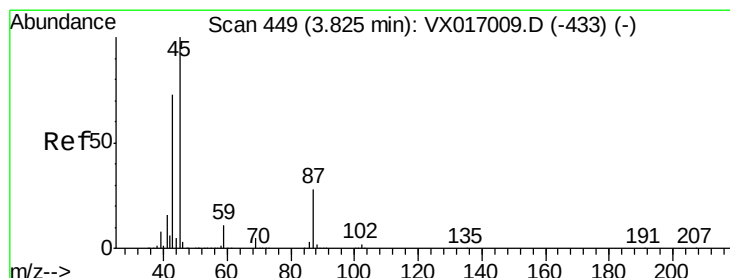
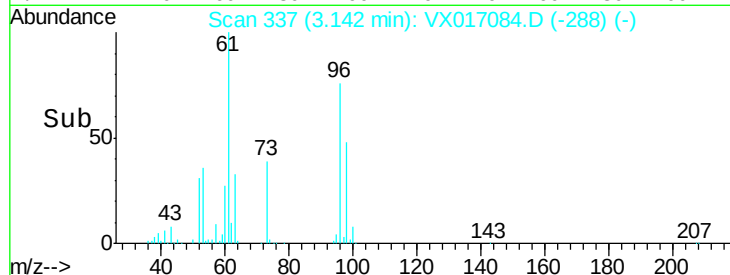
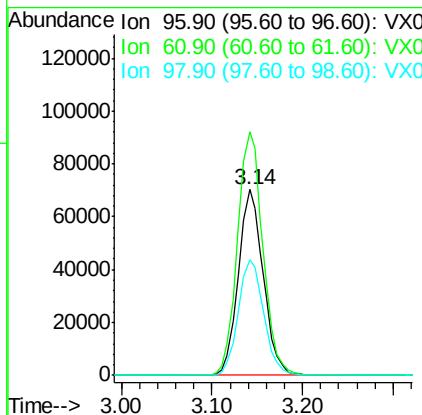
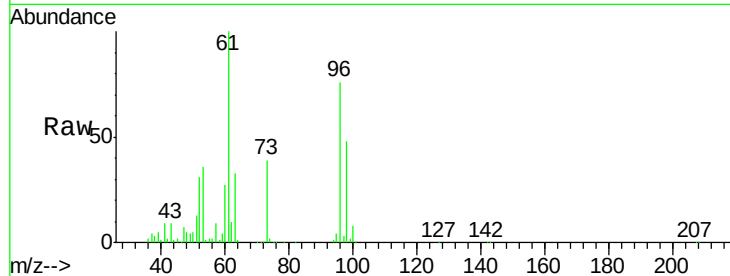
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	133670
Ion	Ratio	Lower	Upper
96	100		
61	131.1	107.0	160.6
98	62.3	51.6	77.4

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM



#22

Diisopropyl ether

Concen: 49.151 ug/l

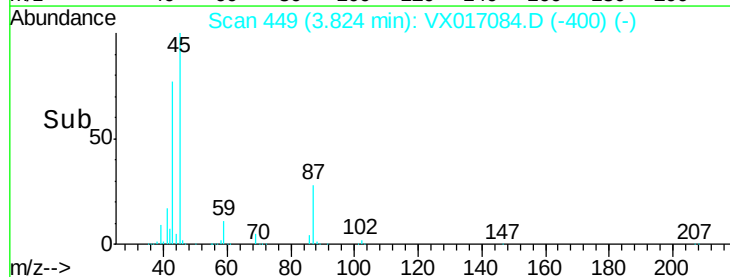
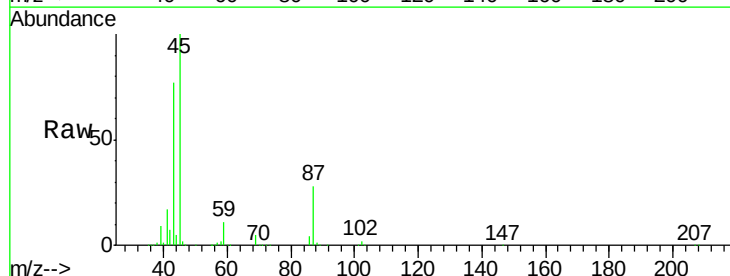
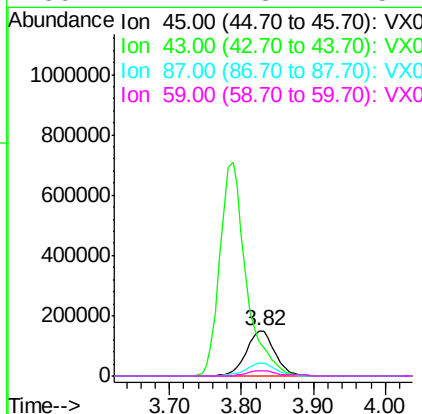
RT: 3.82 min Scan# 449

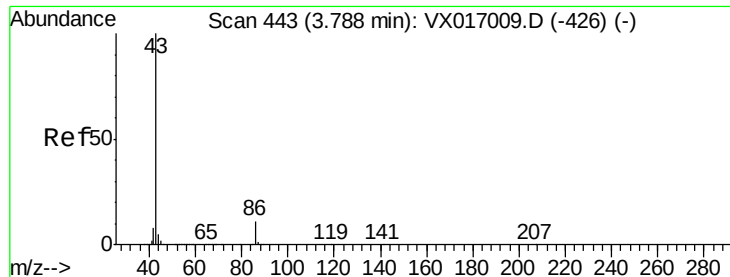
Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion:	45	Resp:	414701
Ion	Ratio	Lower	Upper
45	100		
43	77.2	58.6	88.0
87	28.1	22.6	34.0
59	11.4	8.7	13.1





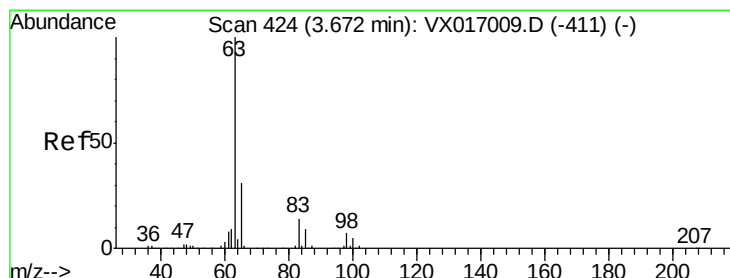
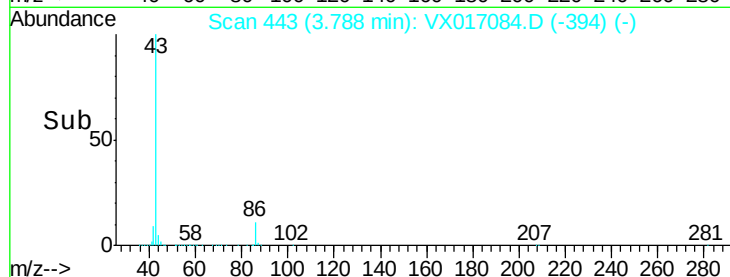
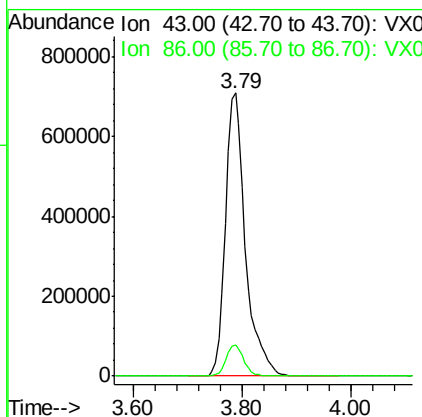
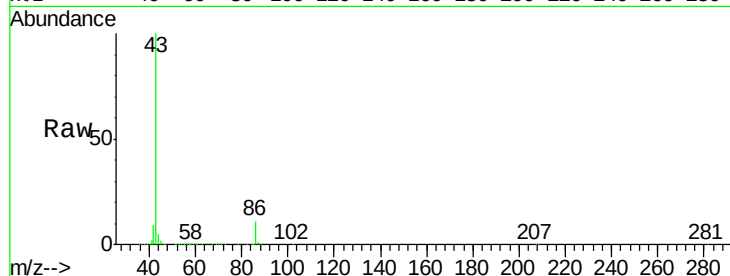
#23
 Vinyl Acetate
 Concen: 249.516 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1809059
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.6 13.0

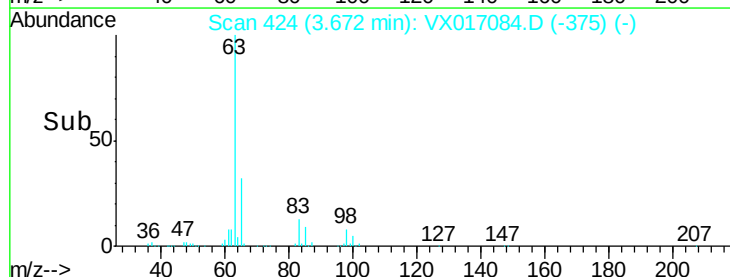
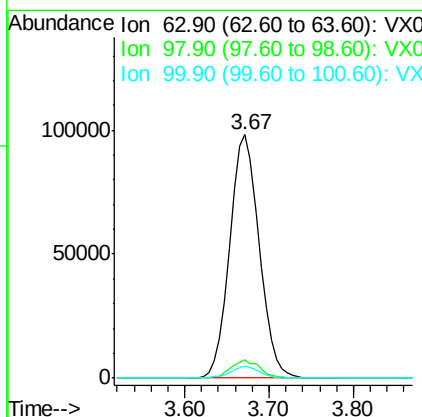
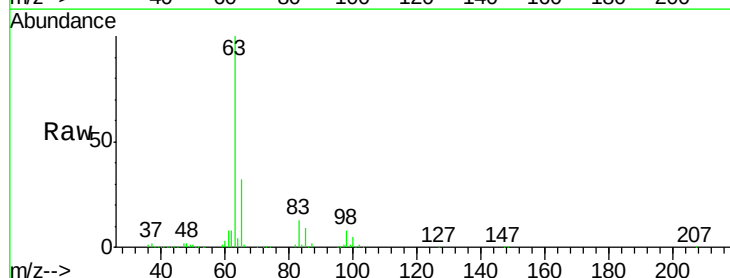
Manual Integrations
 APPROVED

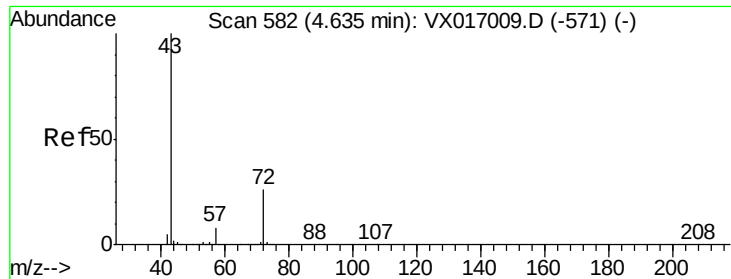
MMDadoda
 7/1/2020 10:47:53 AM



#24
 1,1-Dichloroethane
 Concen: 48.485 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 63 Resp: 232767
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.8
 100 5.1 2.4 7.1





#25

2-Butanone

Concen: 243.978 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 467439

Ion Ratio Lower Upper

43 100

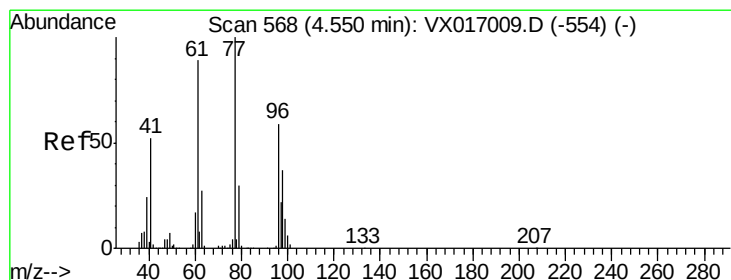
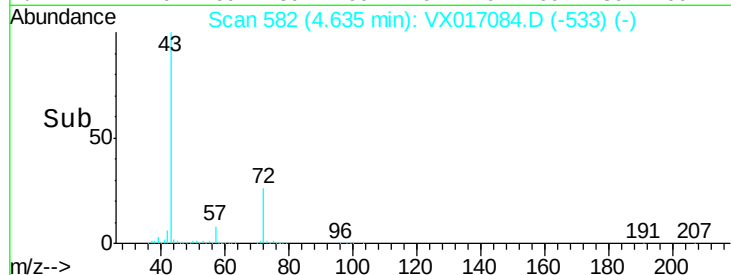
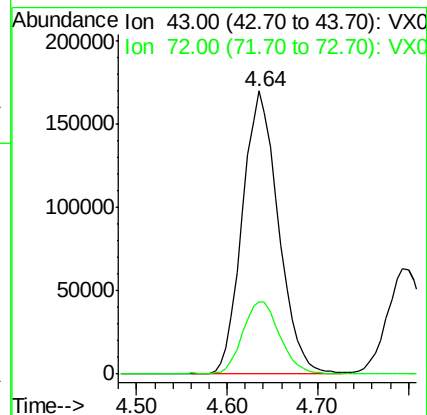
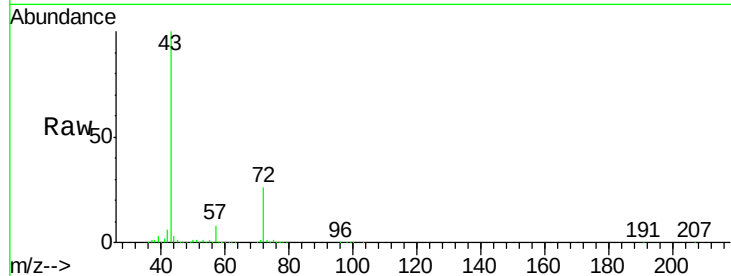
72 25.6 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:47:53 AM



#26

2,2-Dichloropropane

Concen: 30.667 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX017084.D

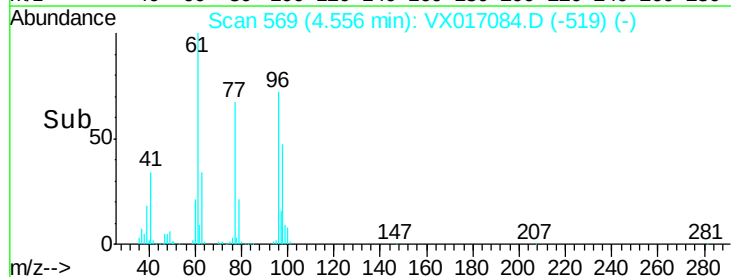
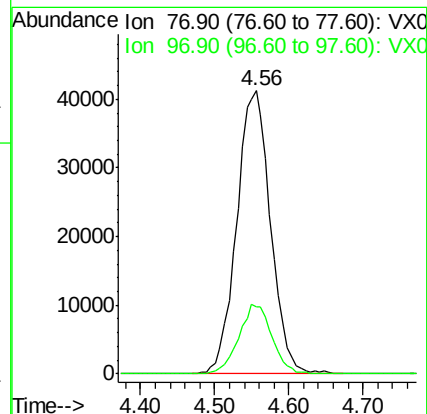
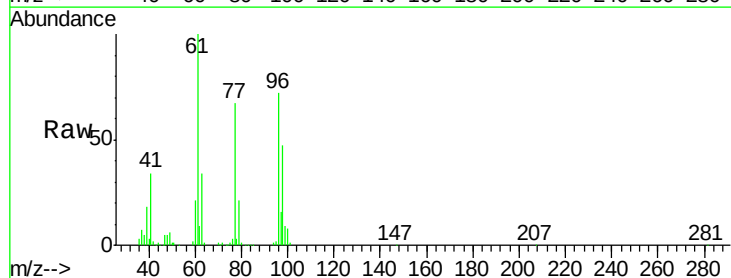
Acq: 01 Jul 2020 07:11

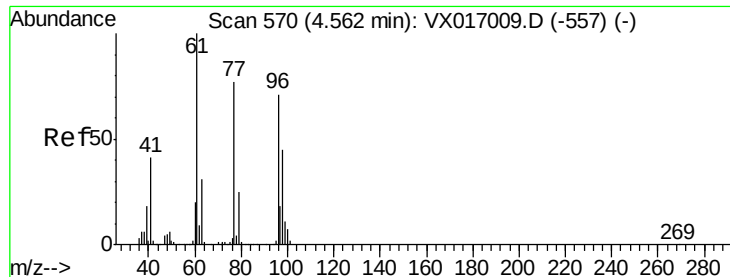
Tgt Ion: 77 Resp: 130723

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2





#27

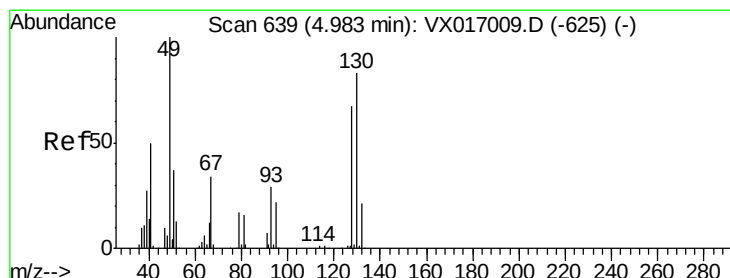
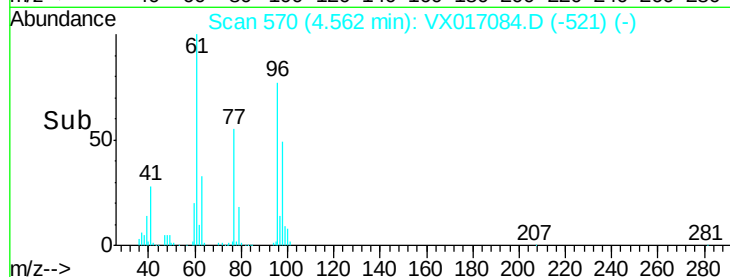
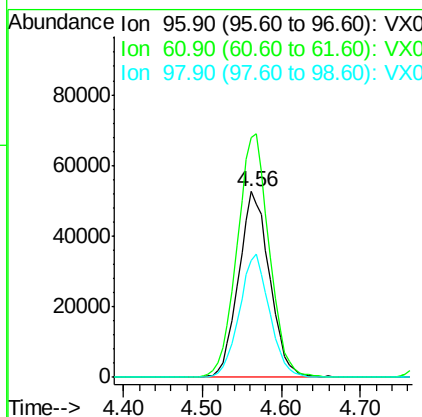
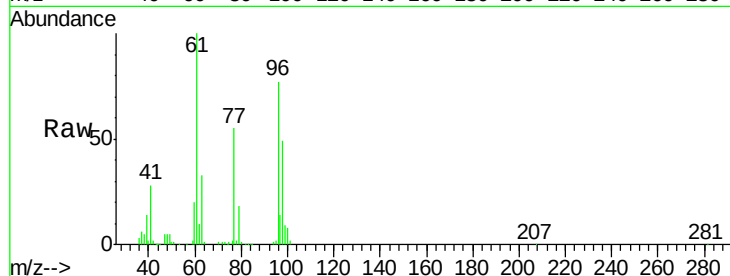
cis-1,2-Dichloroethene
Concen: 46.447 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	144061		
61	135.4	0.0	282.8	
98	64.5	0.0	127.6	

Manual Integrations
APPROVED

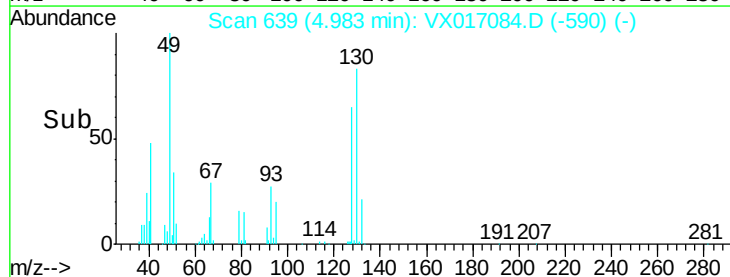
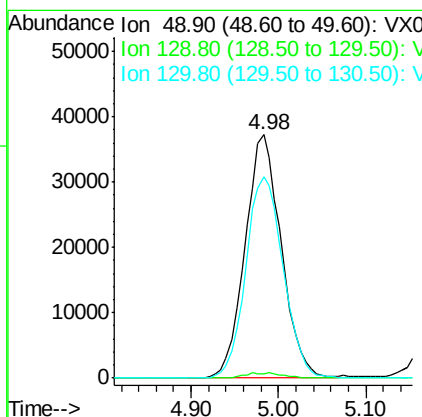
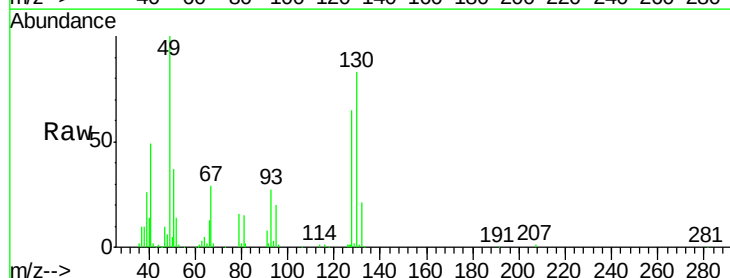
MMDadoda
7/1/2020 10:47:53 AM

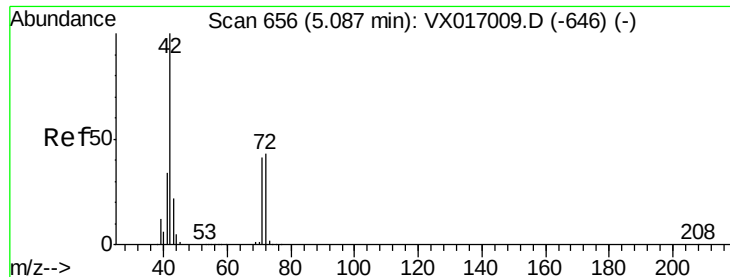


#28

Bromochloromethane
Concen: 45.702 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	106767		
129	2.3	0.0	4.2	
130	85.8	66.6	100.0	





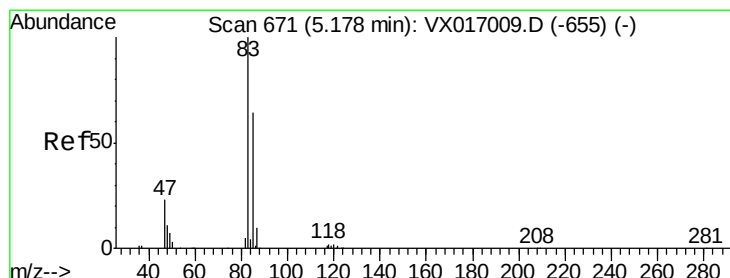
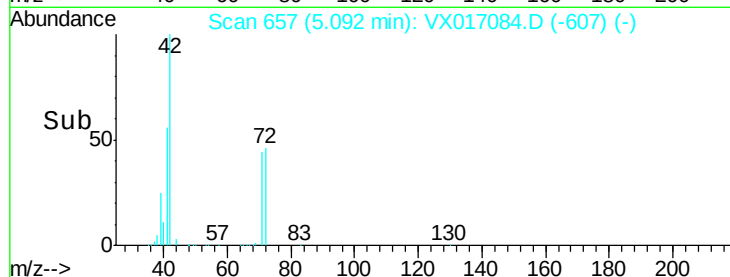
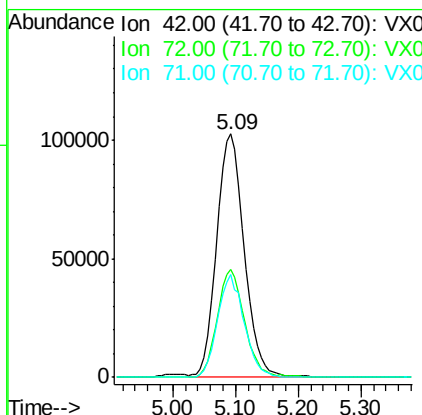
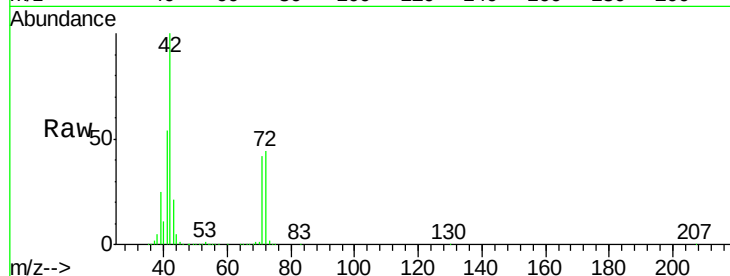
#29
Tetrahydrofuran
Concen: 245.547 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.4	35.3	52.9
71	41.1	33.1	49.7

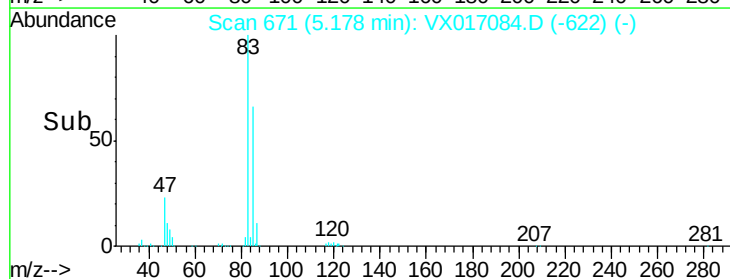
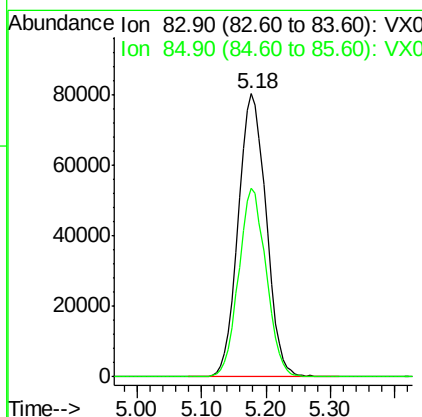
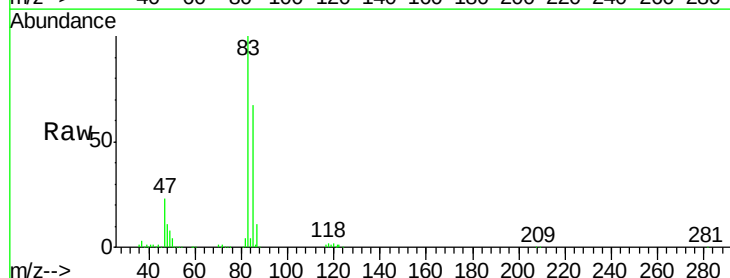
Manual Integrations
APPROVED

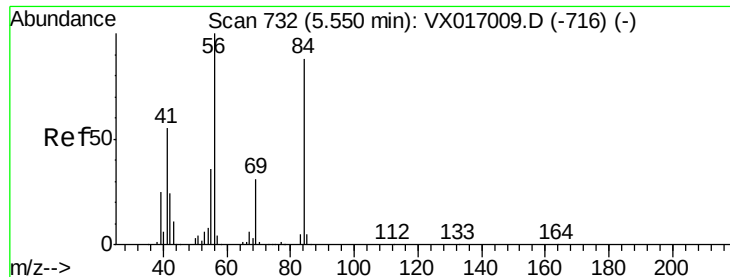
MMDadoda
7/1/2020 10:47:53 AM



#30
Chloroform
Concen: 48.819 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.4	77.2





#31

Cyclohexane

Concen: 47.411 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

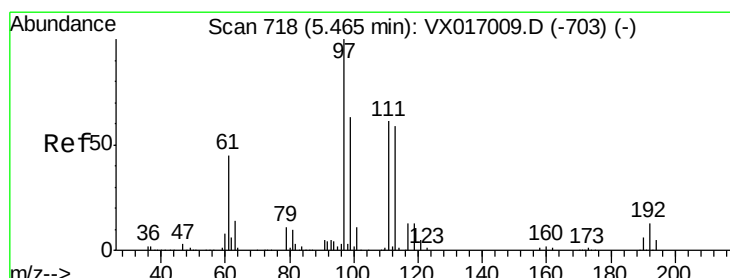
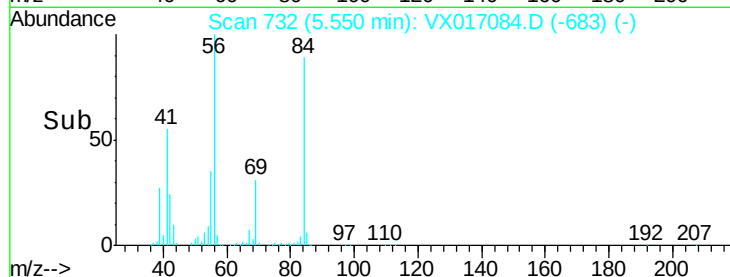
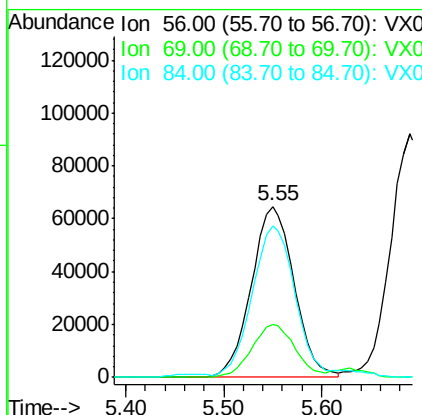
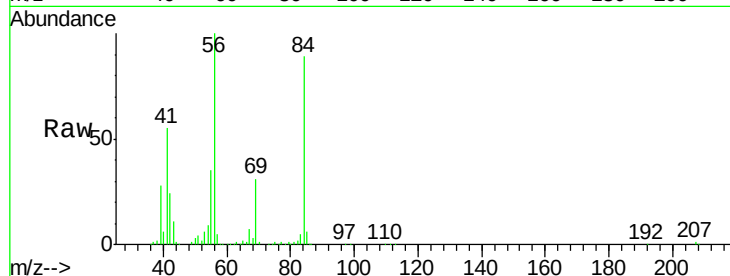
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	196741
Ion	Ratio	Lower	Upper
56	100		
69	30.7	25.0	37.4
84	86.8	69.1	103.7

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM



#32

1,1,1-Trichloroethane

Concen: 49.045 ug/l

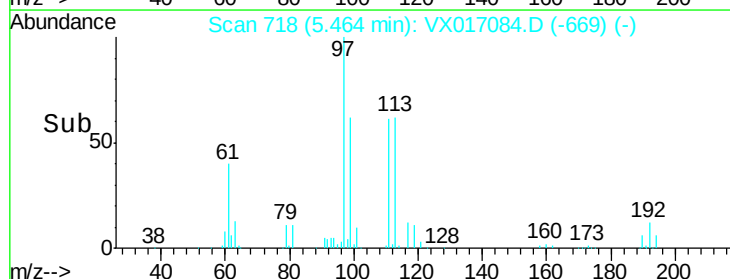
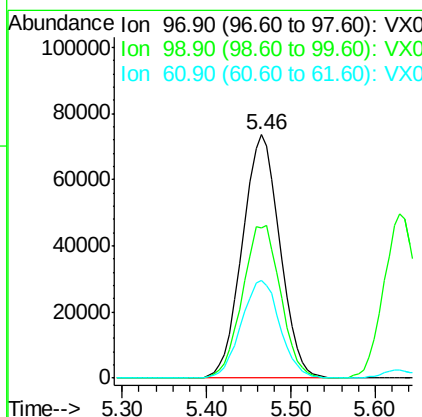
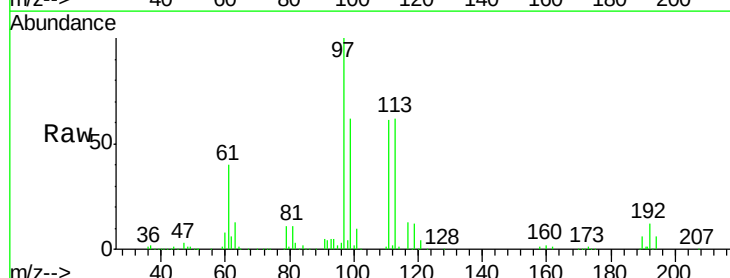
RT: 5.46 min Scan# 718

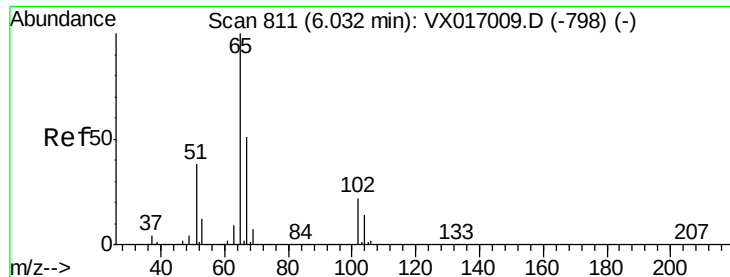
Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion:	97	Resp:	222285
Ion	Ratio	Lower	Upper
97	100		
99	64.0	50.8	76.2
61	41.5	33.7	50.5





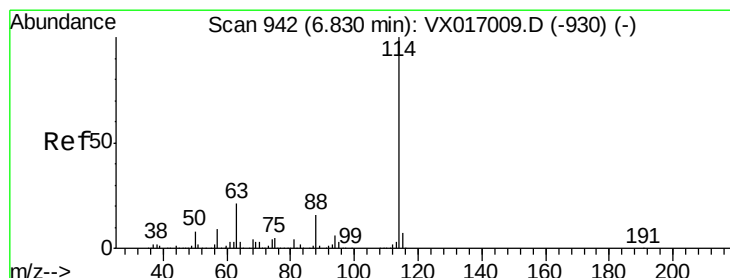
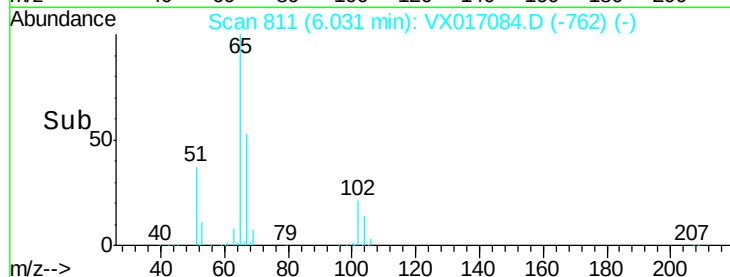
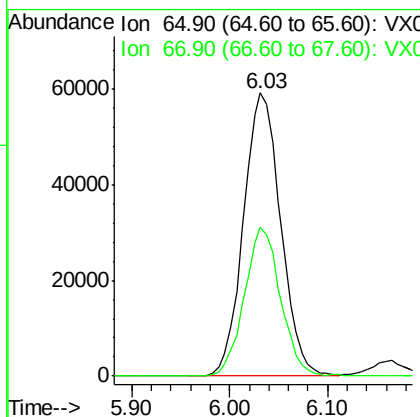
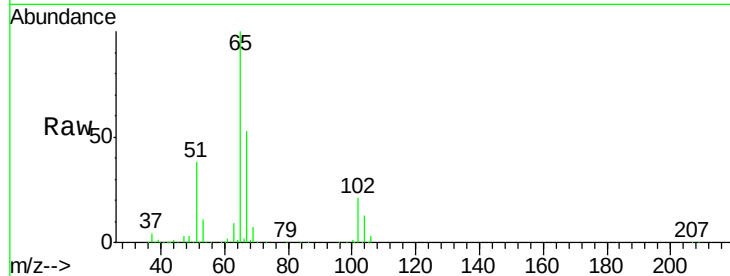
#33
 1,2-Dichloroethane-d4
 Concen: 50.711 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	103.8

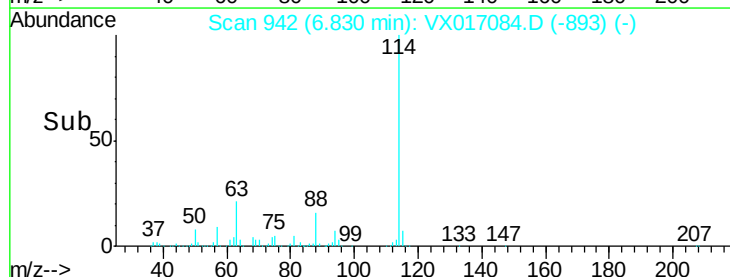
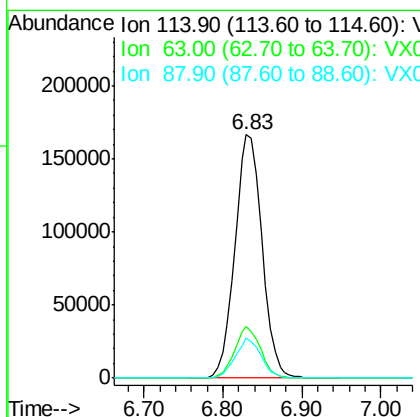
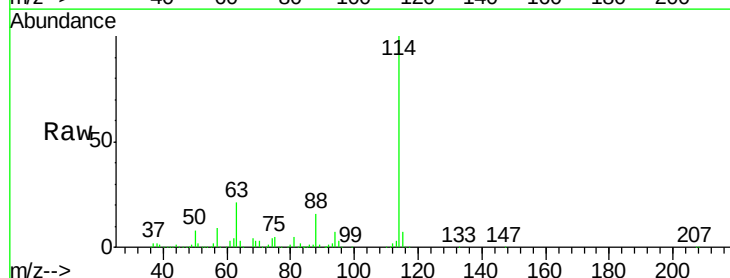
Manual Integrations
 APPROVED

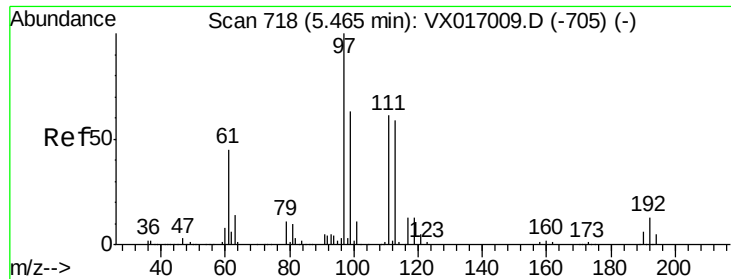
MMDadoda
 7/1/2020 10:47:53 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	41.4
88	16.2	0.0	32.4





#35

Dibromofluoromethane

Concen: 50.799 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

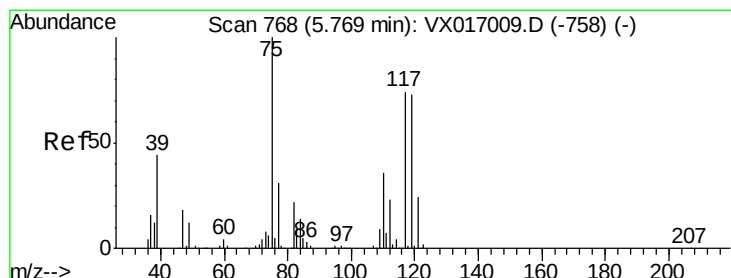
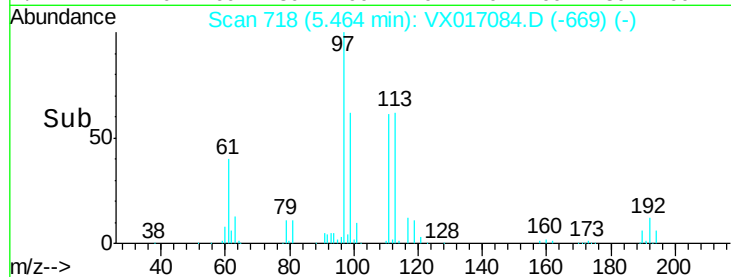
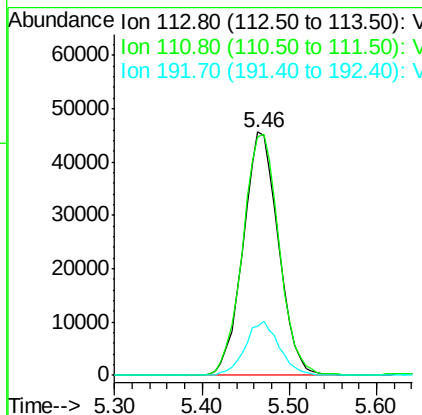
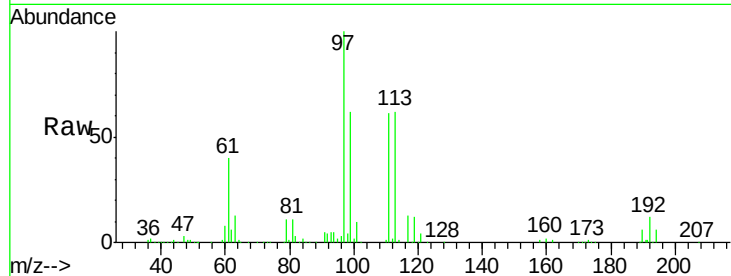
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	128046
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	21.5	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM



#36

1,1-Dichloropropene

Concen: 46.529 ug/l

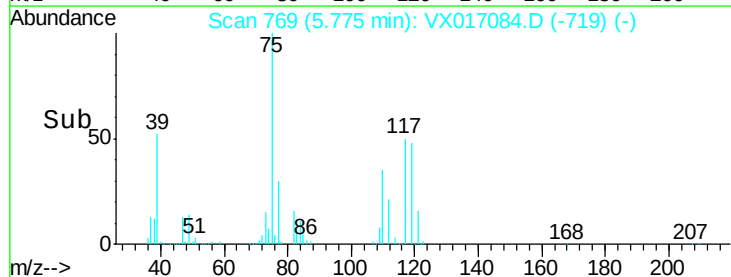
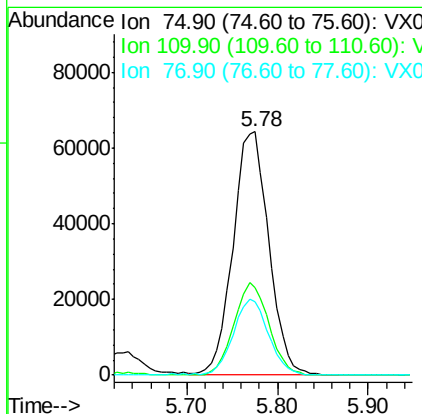
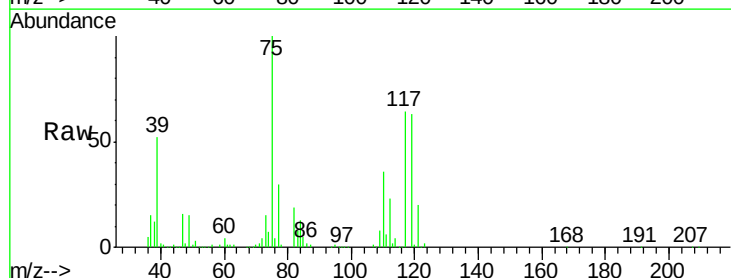
RT: 5.78 min Scan# 769

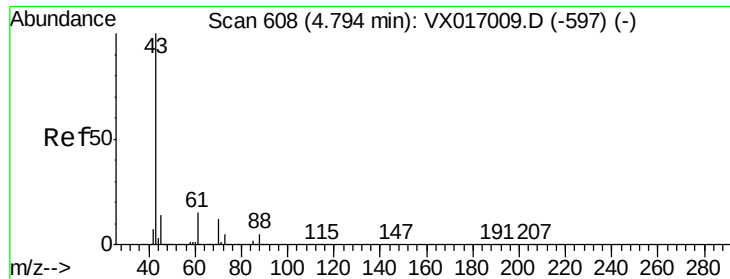
Delta R.T. 0.01 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion:	75	Resp:	175231
Ion Ratio	Lower	Upper	
75	100		
110	37.0	18.1	54.1
77	31.0	24.6	37.0





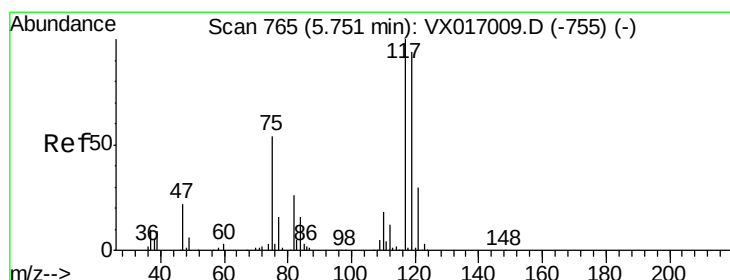
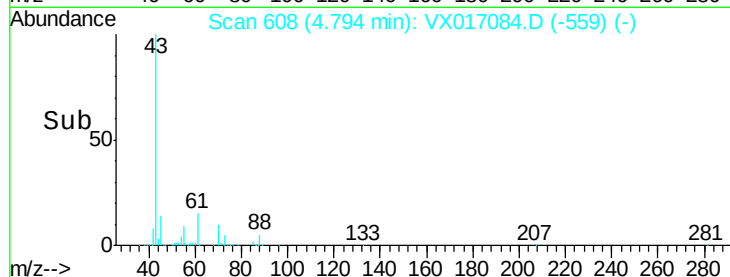
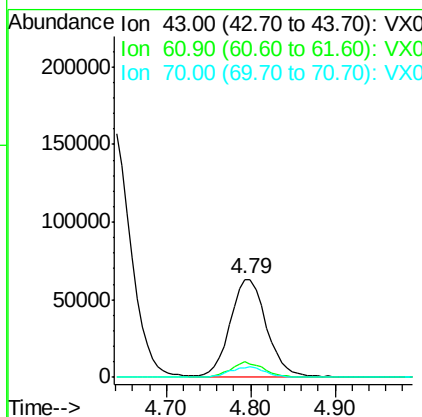
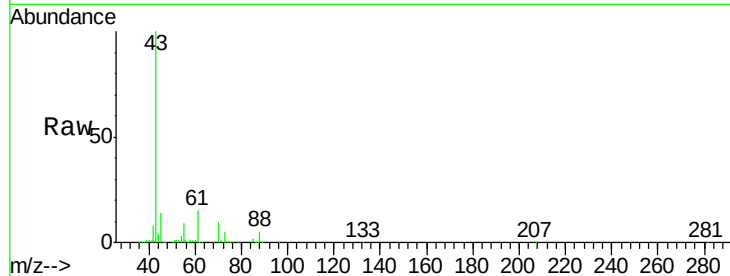
#37
Ethyl Acetate
Concen: 47.967 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.0	16.4
70	10.7	8.9	13.3

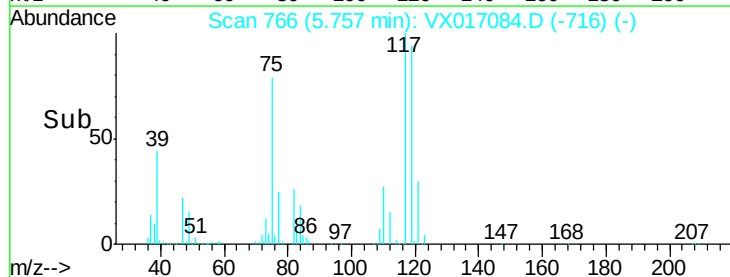
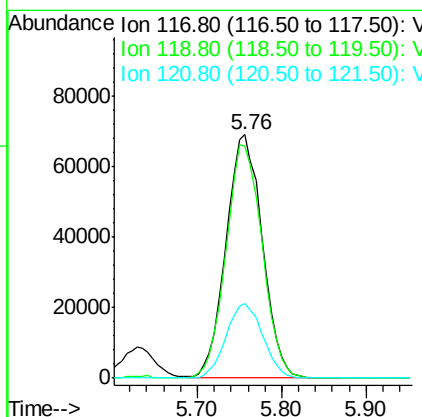
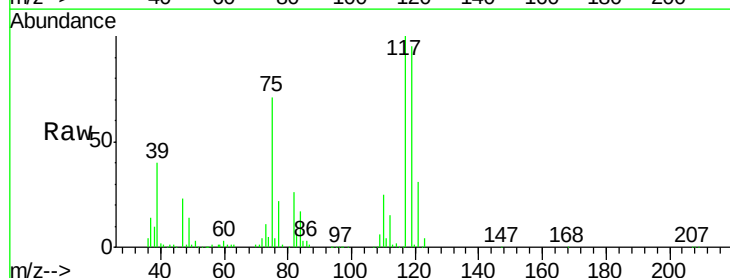
Manual Integrations
APPROVED

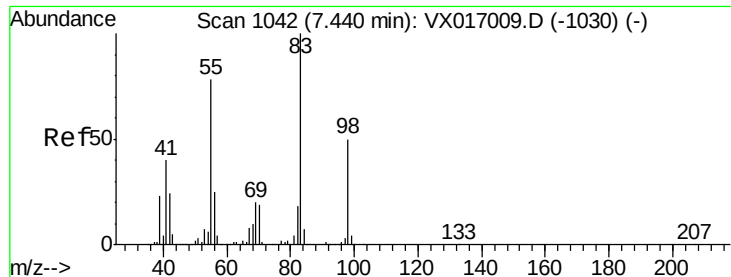
MMDadoda
7/1/2020 10:47:53 AM



#38
Carbon Tetrachloride
Concen: 48.771 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.4	113.0
121	30.5	23.8	35.6





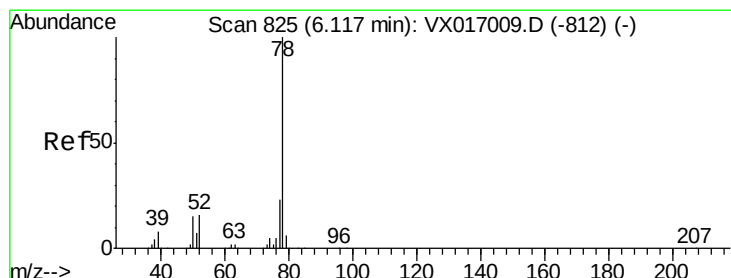
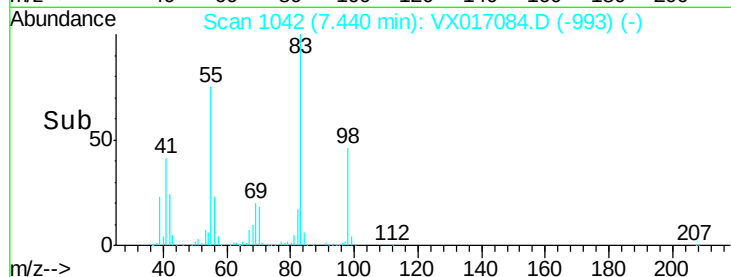
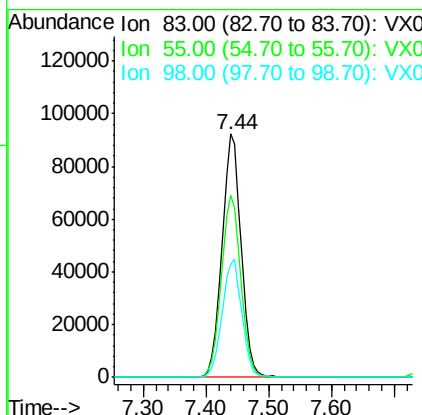
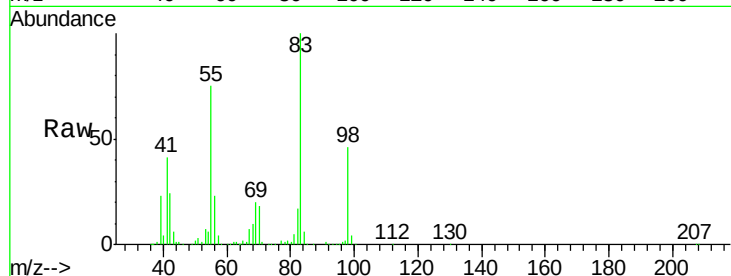
#39
Methylvlcyclohexane
Concen: 46.413 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	194482
Ion Ratio	Lower	Upper	
83	100		
55	75.1	62.5	93.7
98	46.4	40.1	60.1

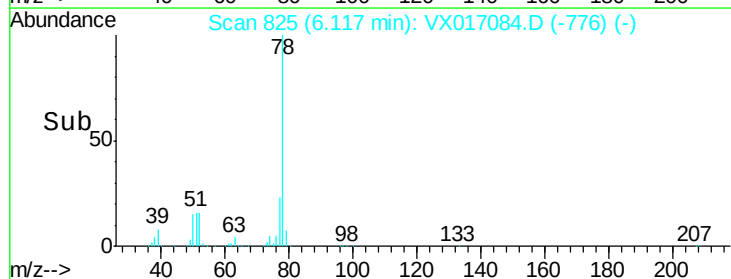
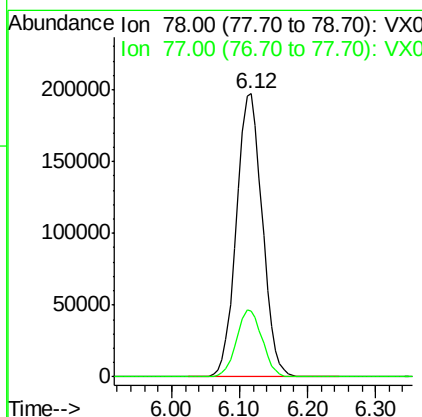
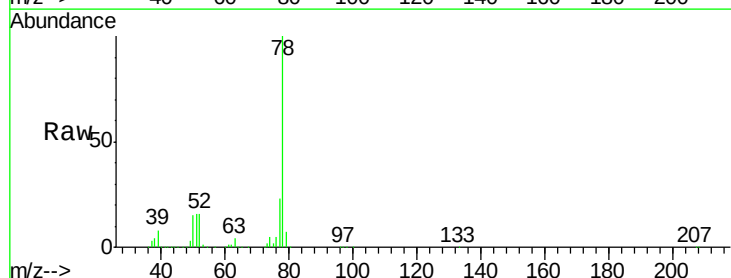
Manual Integrations
APPROVED

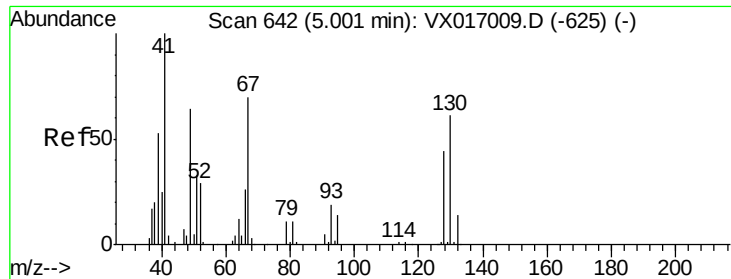
MMDadoda
7/1/2020 10:47:53 AM



#40
Benzene
Concen: 47.117 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	78	Resp	521366
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.3	27.5





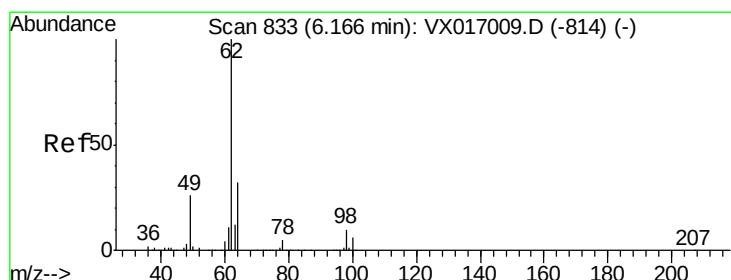
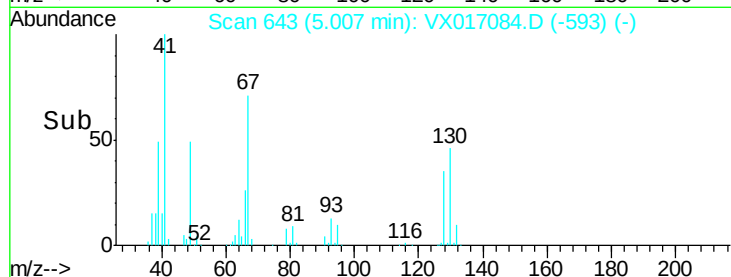
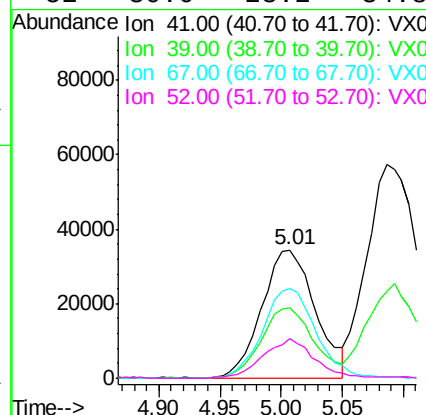
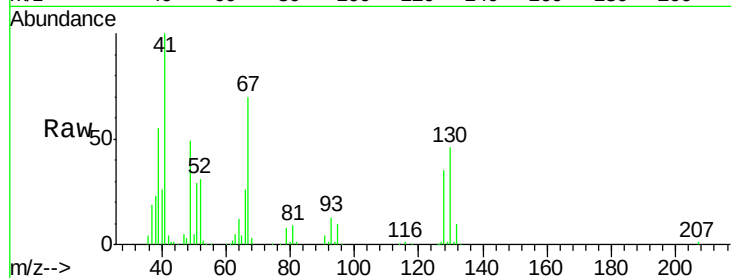
#41
Methacrylonitrile
Concen: 48.639 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:	41	Resp:	104603
Ion	Ratio	Lower	Upper
41	100		
39	54.1	44.4	66.6
67	70.1	57.1	85.7
52	30.0	23.2	34.8

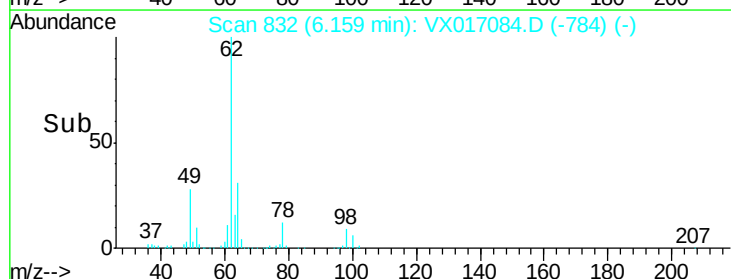
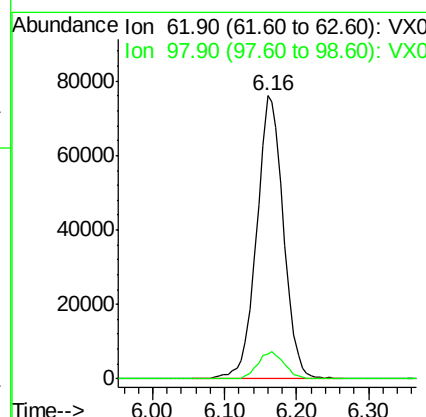
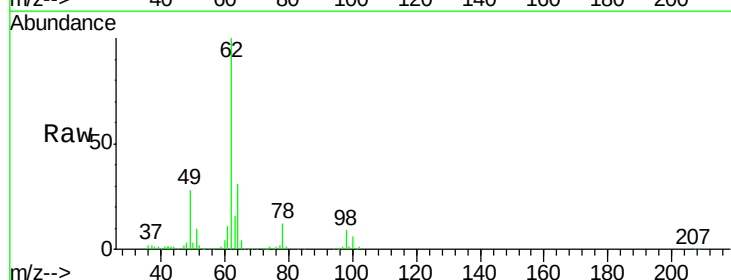
Manual Integrations
APPROVED

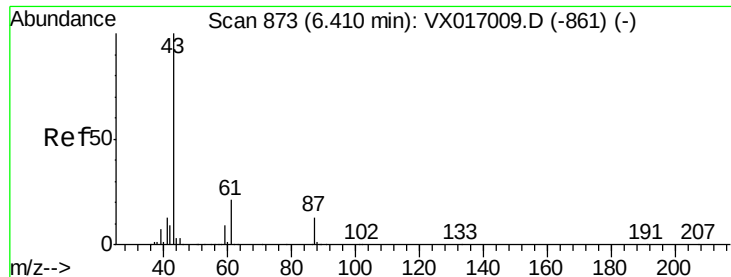
MMDadoda
7/1/2020 10:47:53 AM



#42
1,2-Dichloroethane
Concen: 49.210 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion:	62	Resp:	196686
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 47.303 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

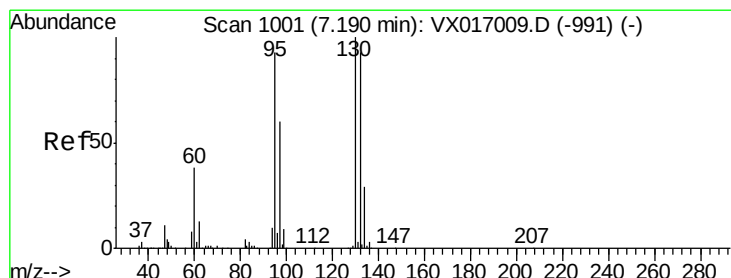
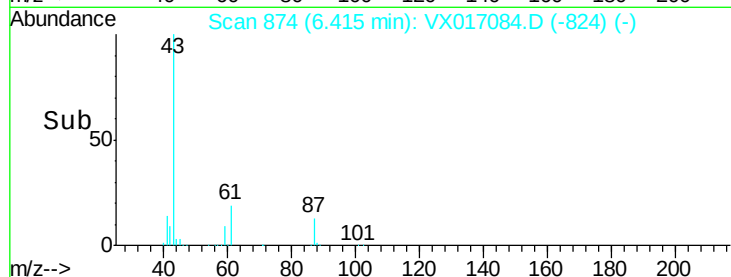
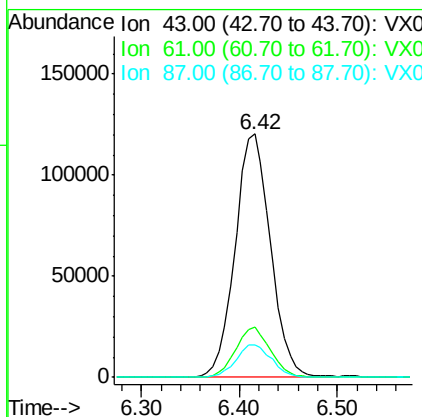
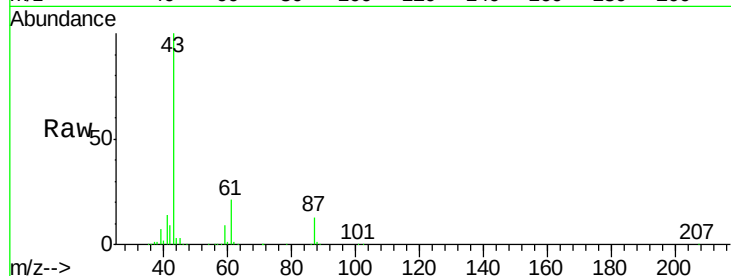
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	300353
Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.2	24.2
87	13.7	10.7	16.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM



#44

Trichloroethene

Concen: 49.245 ug/l

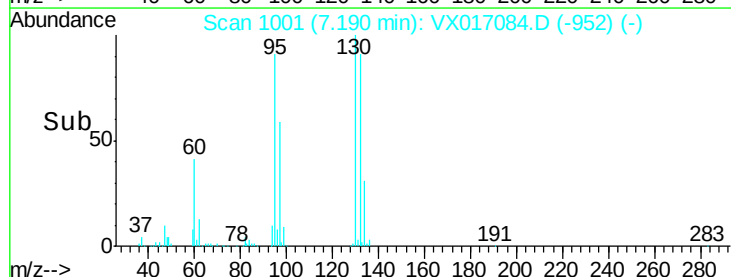
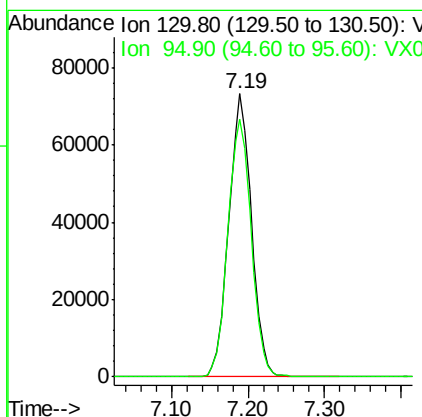
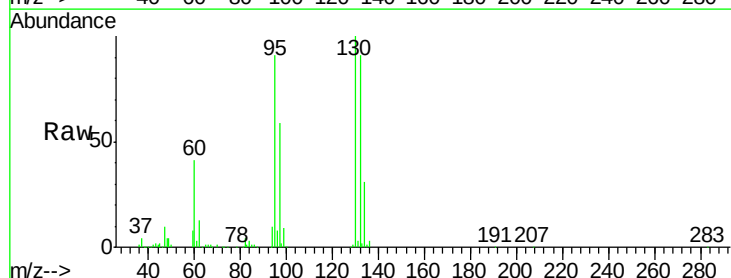
RT: 7.19 min Scan# 1001

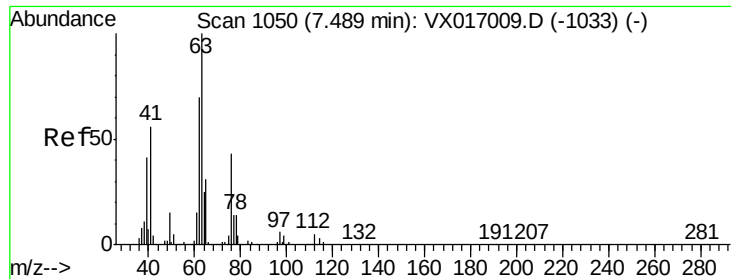
Delta R.T. 0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion:	130	Resp:	150382
Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.0





#45

1,2-Dichloropropane

Concen: 47.870 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 136049

Ion Ratio Lower Upper

63 100

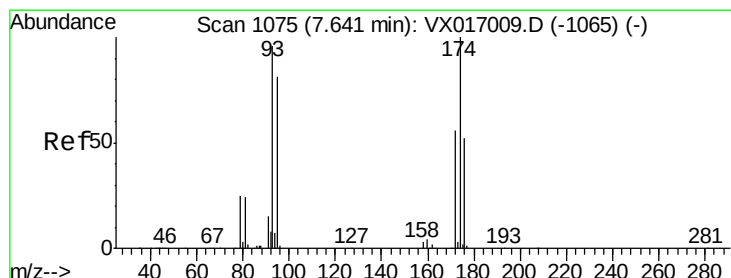
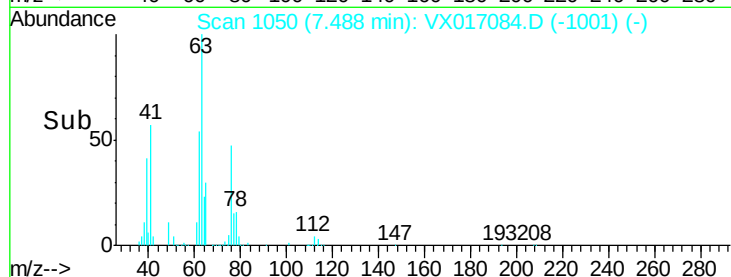
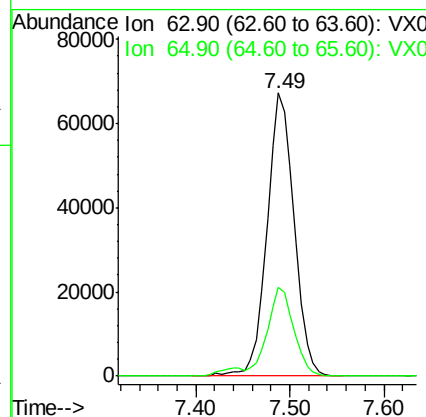
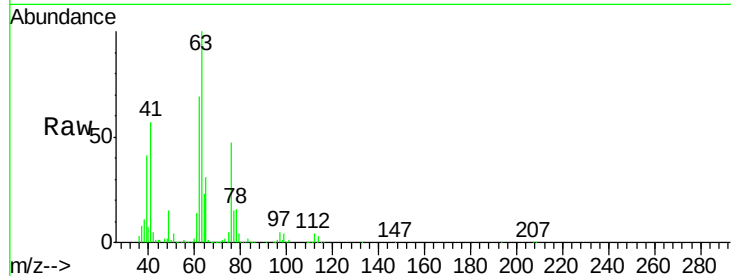
65 31.3 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:47:53 AM



#46

Dibromomethane

Concen: 48.546 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

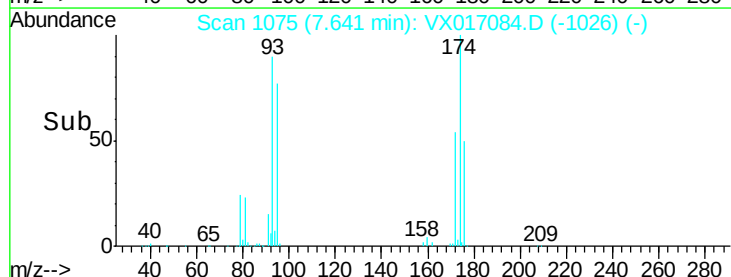
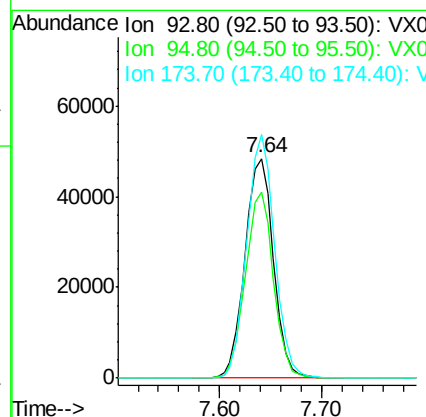
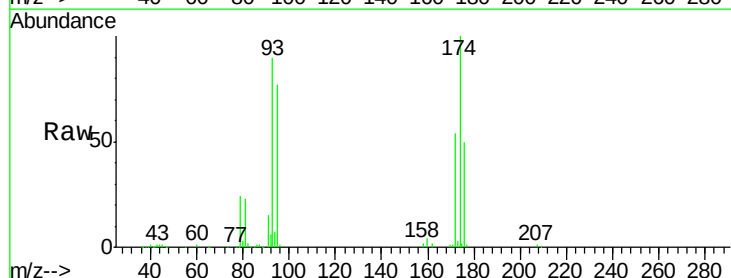
Tgt Ion: 93 Resp: 94195

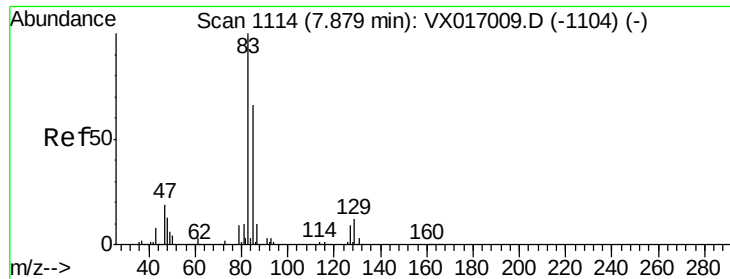
Ion Ratio Lower Upper

93 100

95 83.5 67.4 101.0

174 108.7 84.3 126.5





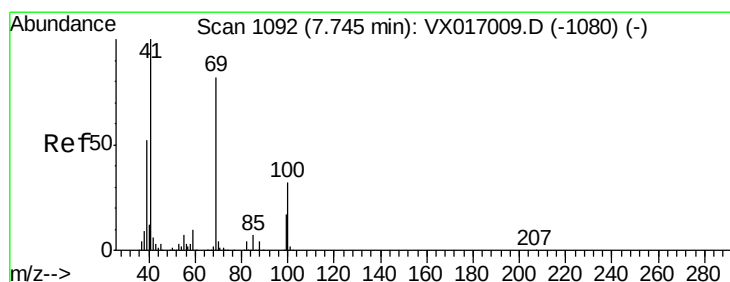
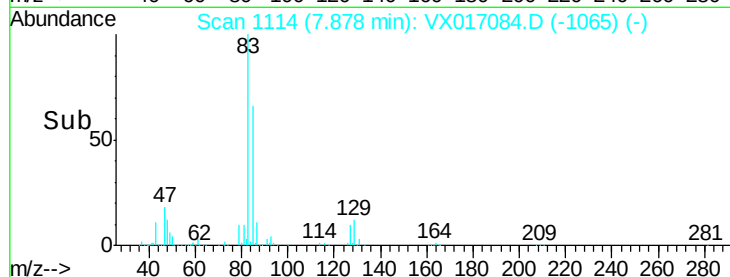
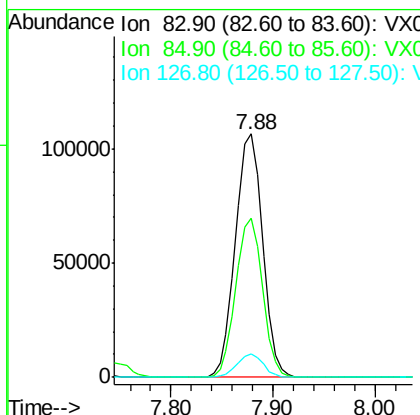
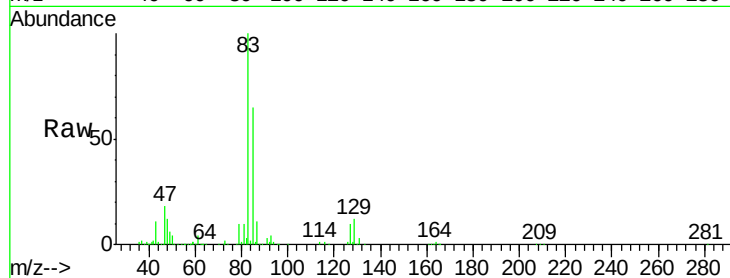
#47
Bromodichloromethane
Concen: 49.230 ug/l
RT: 7.88 min Scan# 1114
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.0	79.4
127	9.6	7.5	11.3

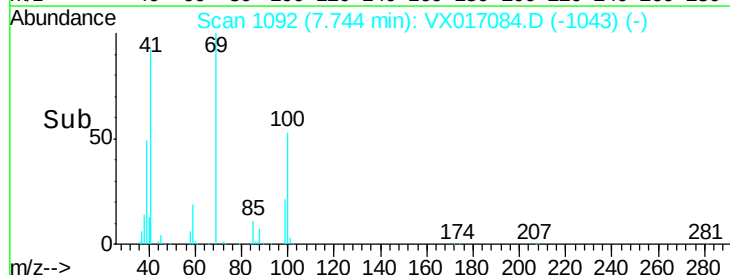
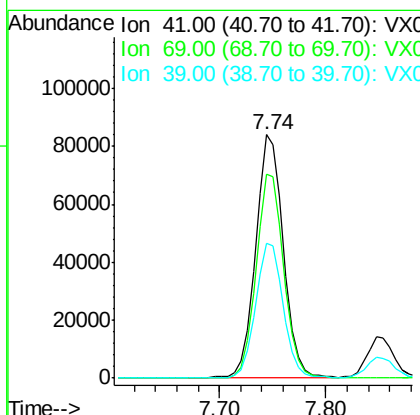
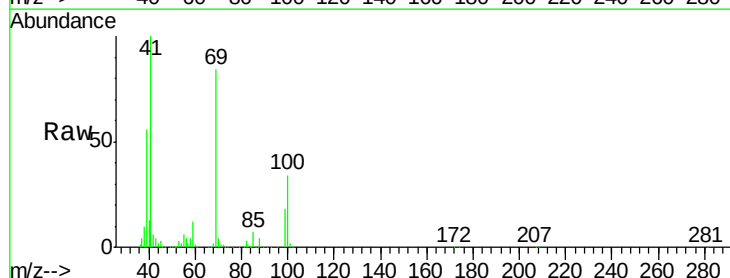
Manual Integrations
APPROVED

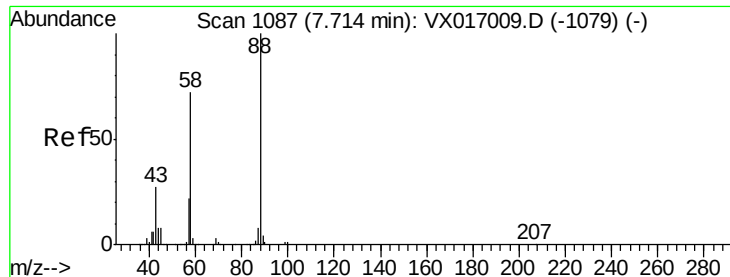
MMDadoda
7/1/2020 10:47:53 AM



#48
Methyl methacrylate
Concen: 50.475 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
41	100		
69	84.1	65.8	98.8
39	55.2	42.5	63.7





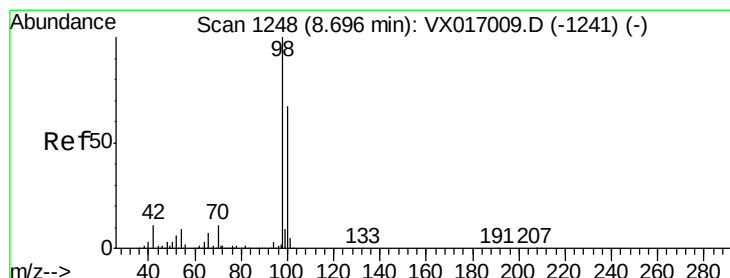
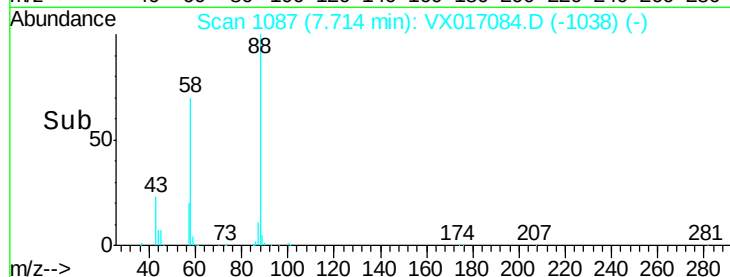
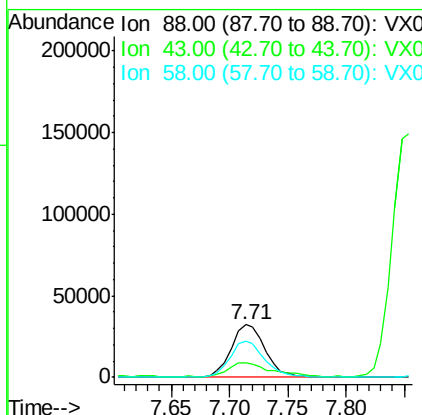
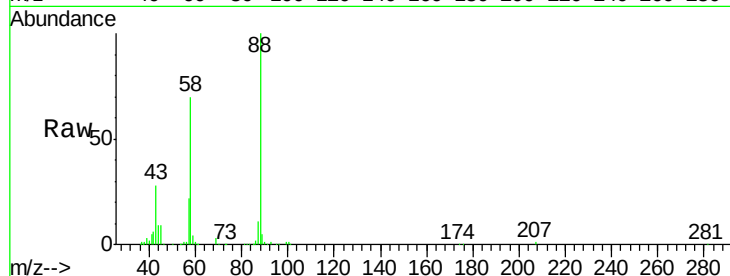
#49
1,4-Dioxane
Concen: 959.493 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.2	25.8	38.8
58	70.3	54.8	82.2

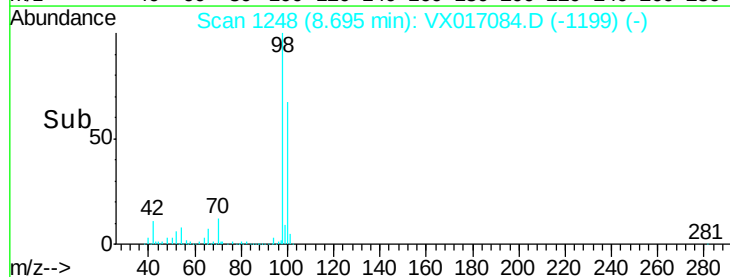
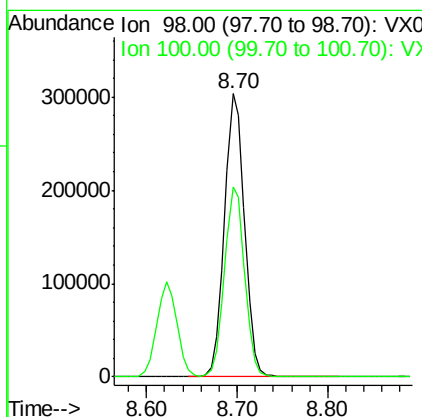
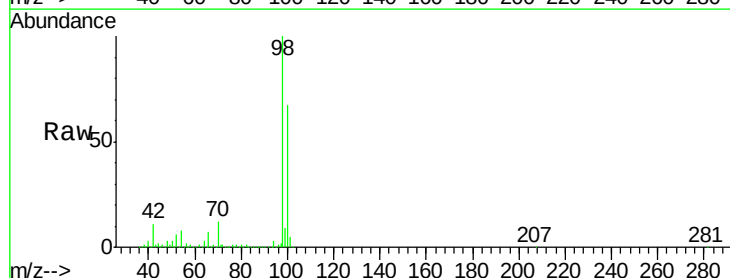
Manual Integrations
APPROVED

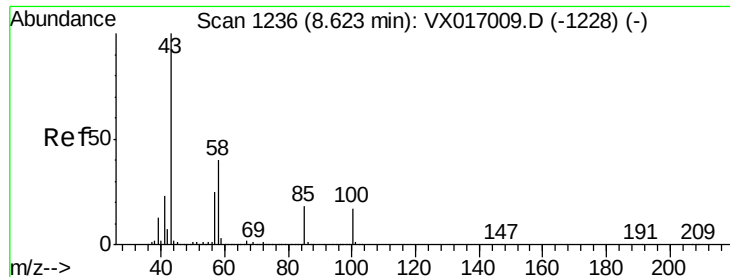
MMDadoda
7/1/2020 10:47:53 AM



#50
Toluene-d8
Concen: 50.141 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.8	80.6





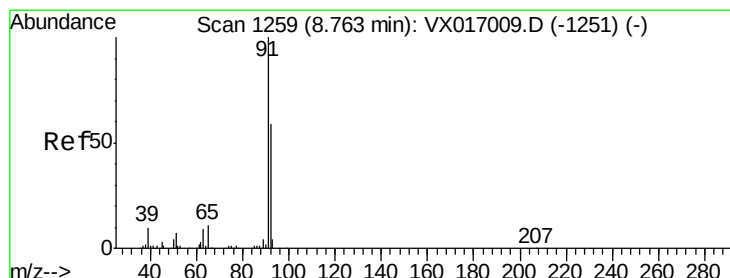
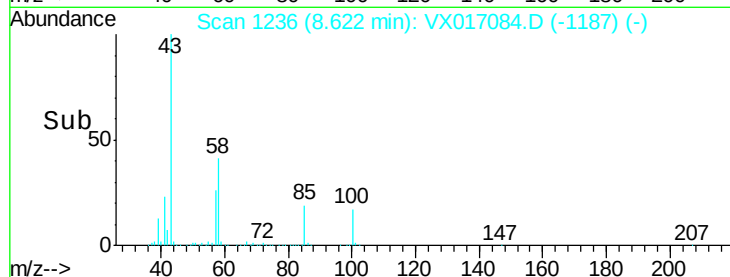
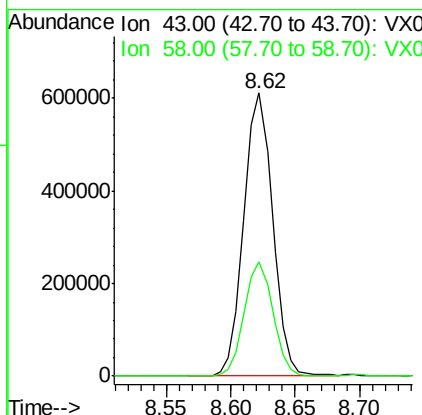
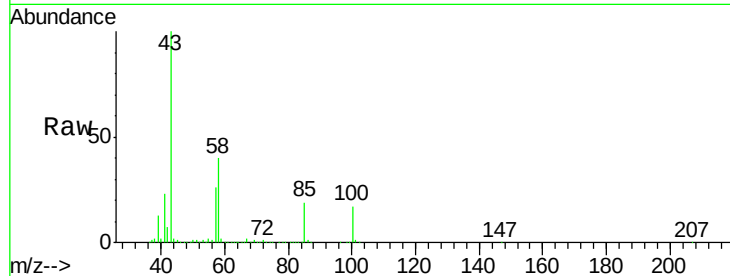
#51
4-Methyl-2-Pentanone
Concen: 250.196 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	43	Resp	946984
Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.9	47.9

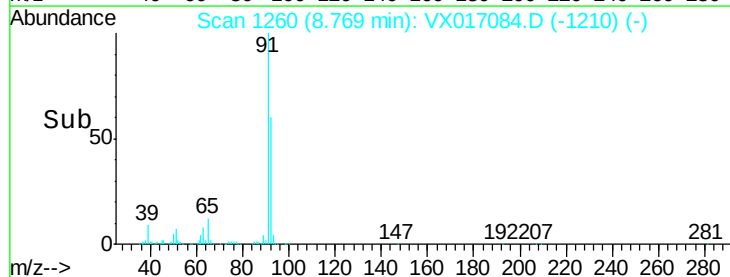
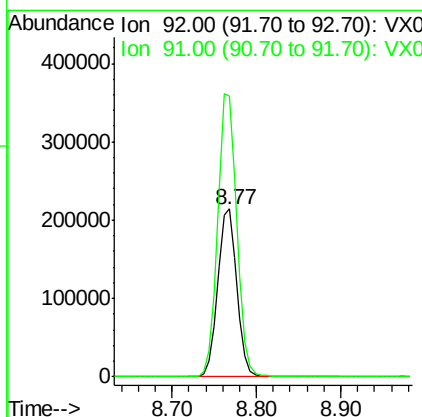
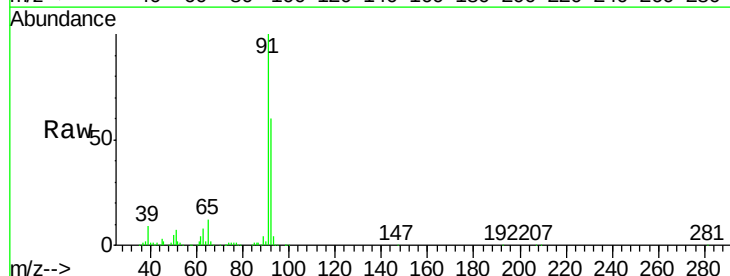
Manual Integrations
APPROVED

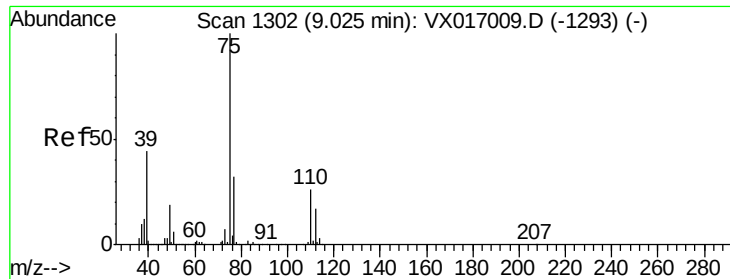
MMDadoda
7/1/2020 10:47:53 AM



#52
Toluene
Concen: 48.808 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	92	Resp	337197
Ion	Ratio	Lower	Upper
92	100		
91	169.3	136.9	205.3





#53

t-1,3-Dichloropropene

Concen: 45.265 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 199704

Ion Ratio Lower Upper

75 100

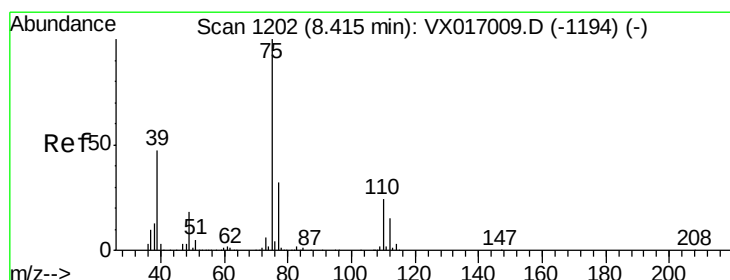
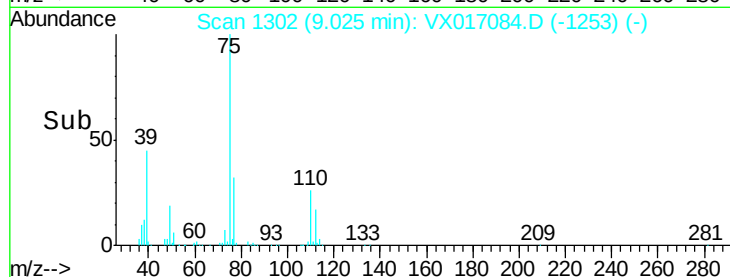
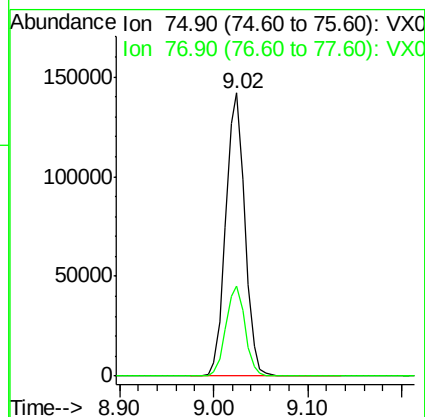
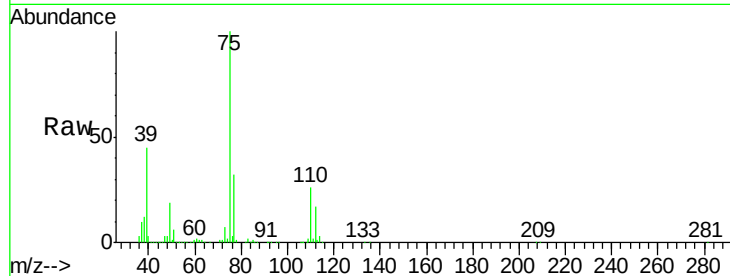
77 31.9 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:47:53 AM



#54

cis-1,3-Dichloropropene

Concen: 45.031 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

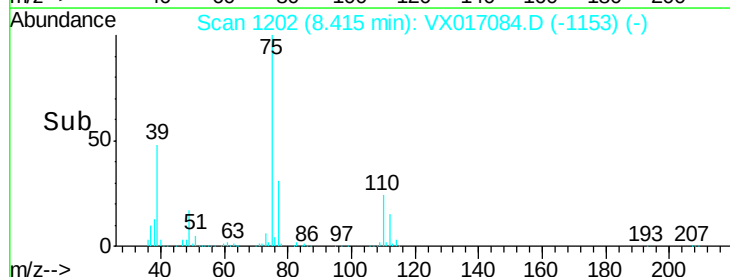
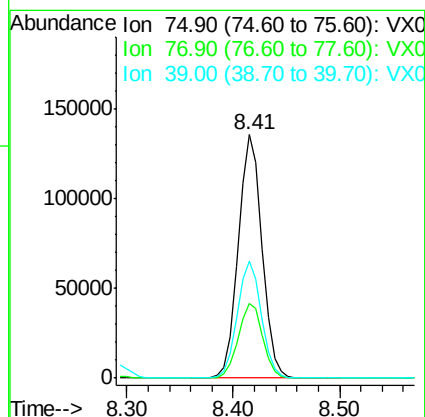
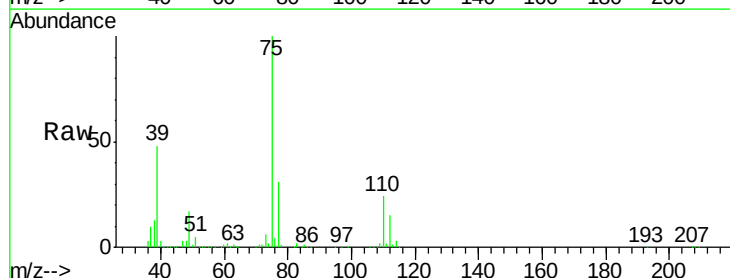
Tgt Ion: 75 Resp: 212974

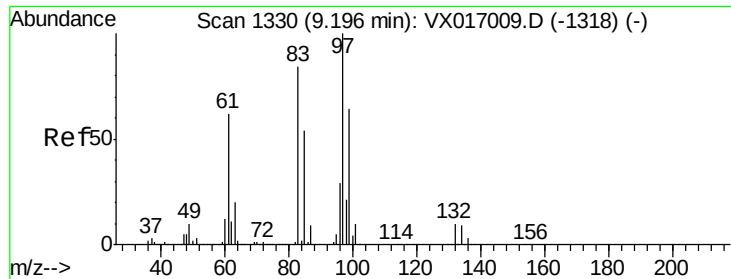
Ion Ratio Lower Upper

75 100

77 30.8 25.2 37.8

39 48.2 37.4 56.2





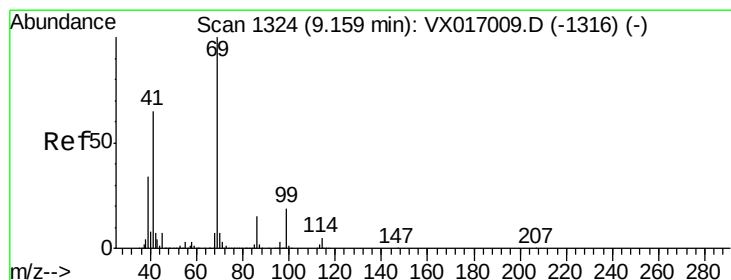
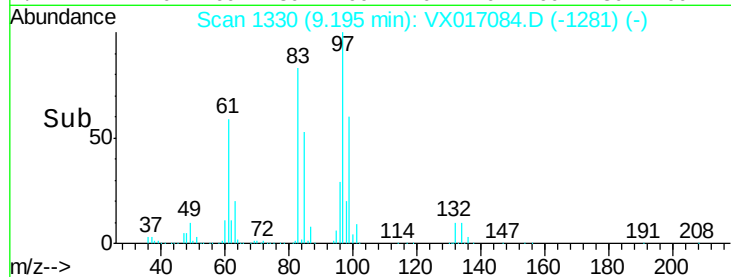
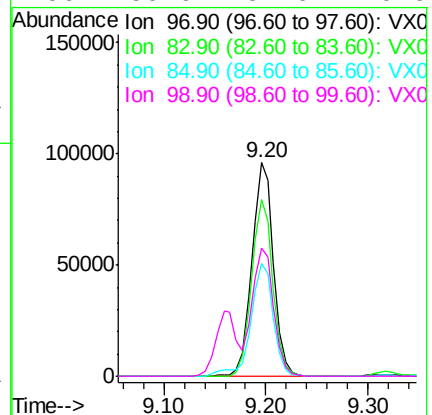
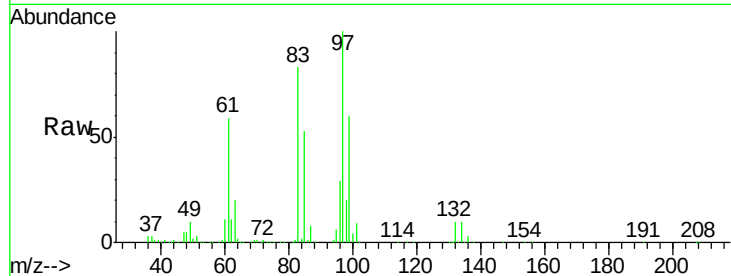
#55
 1,1,2-Trichloroethane
 Concen: 49.884 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		140806		
83	82.8	67.0	100.6		
85	53.0	43.5	65.3		
99	59.9	51.0	76.6		

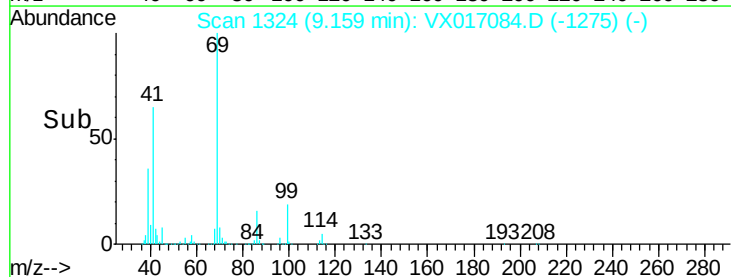
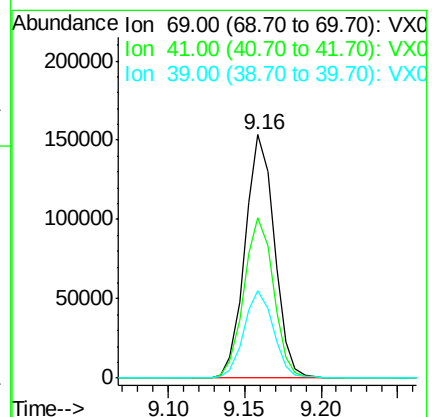
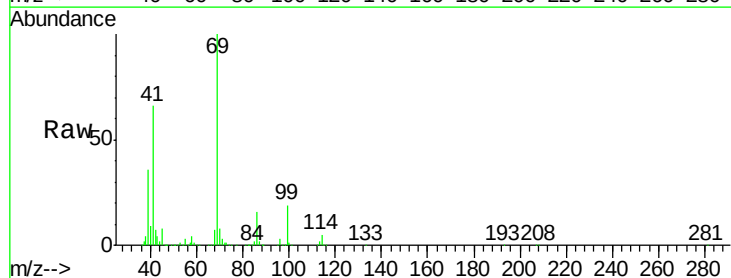
Manual Integrations
 APPROVED

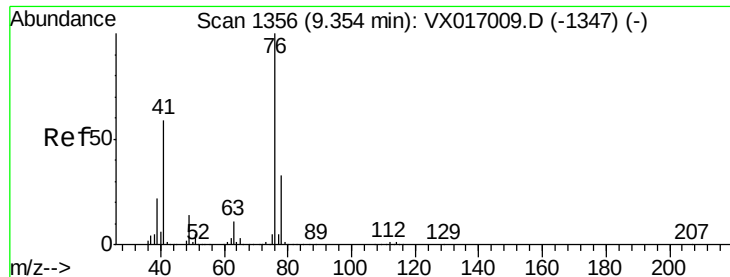
MMDadoda
 7/1/2020 10:47:53 AM



#56
 Ethyl methacrylate
 Concen: 50.909 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		204529		
41	66.9	53.6	80.4		
39	35.9	28.2	42.2		





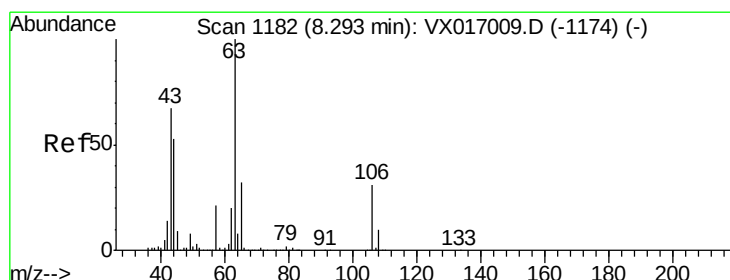
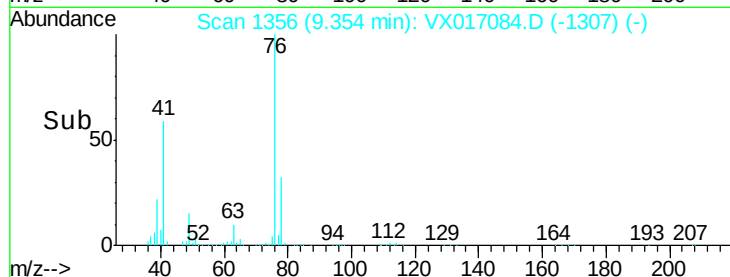
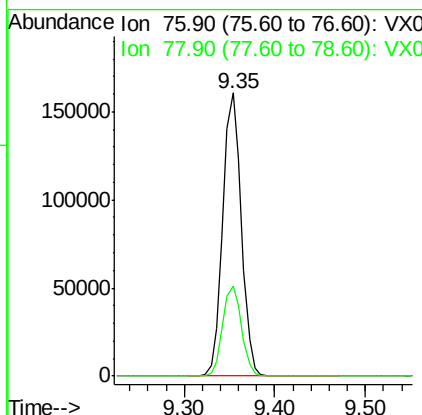
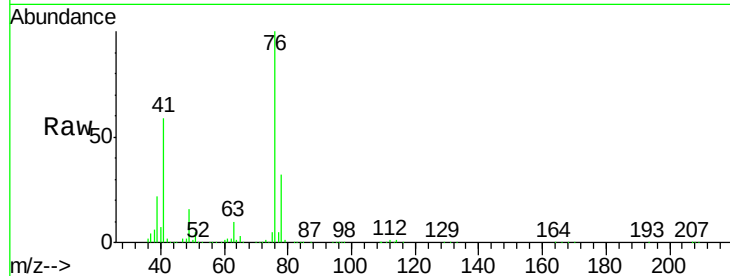
#57
 1,3-Dichloropropane
 Concen: 47.906 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 228807
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9

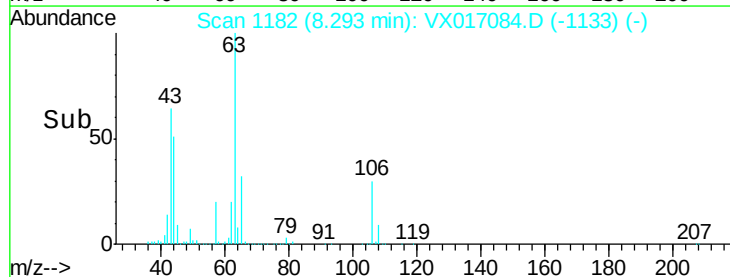
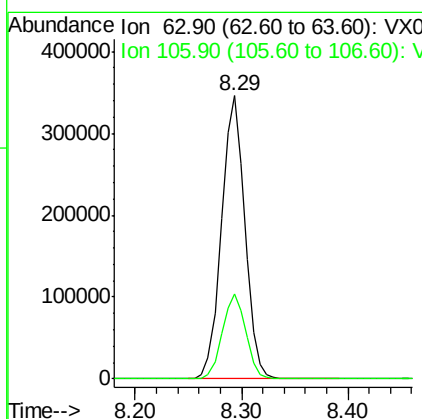
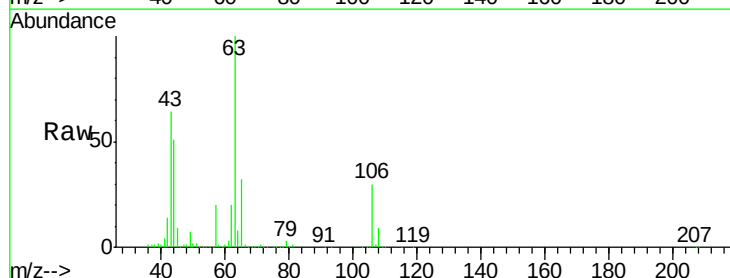
Manual Integrations
 APPROVED

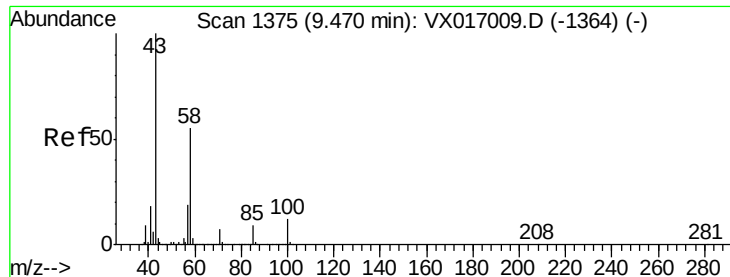
MMDadoda
 7/1/2020 10:47:53 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 264.506 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 63 Resp: 528881
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.0 36.0





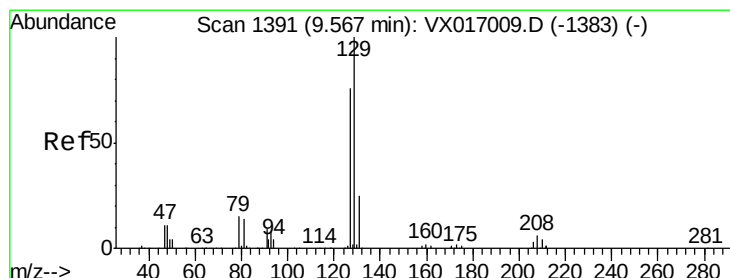
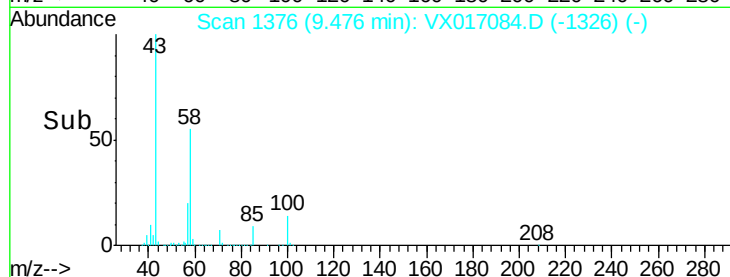
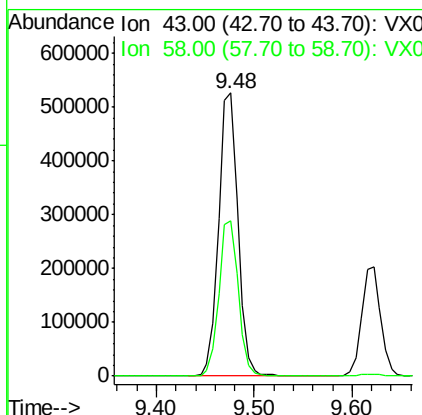
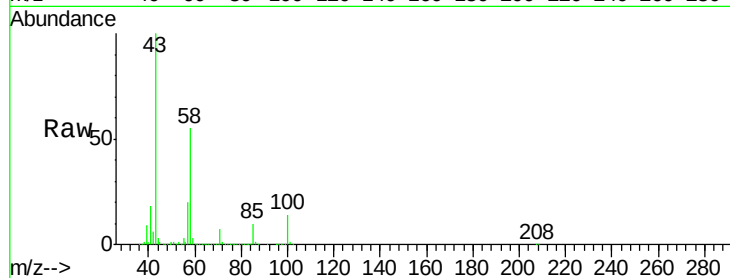
#59
2-Hexanone
Concen: 260.878 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	721143
Ion Ratio	Lower	Upper	
43	100		
58	55.2	27.9	83.6

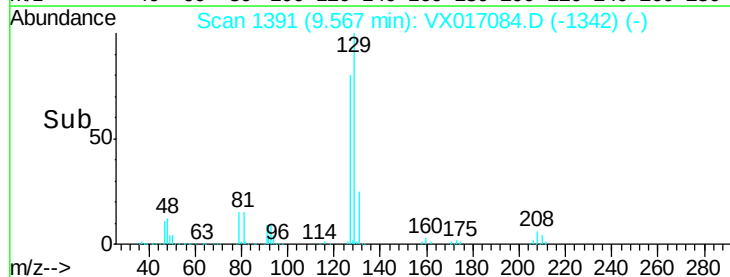
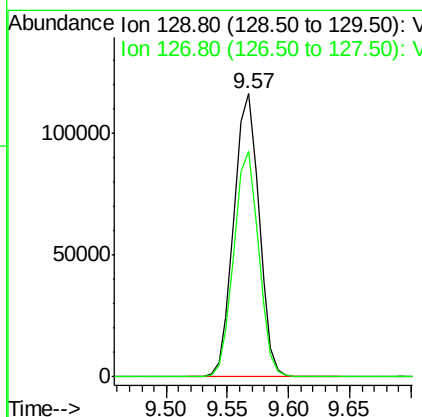
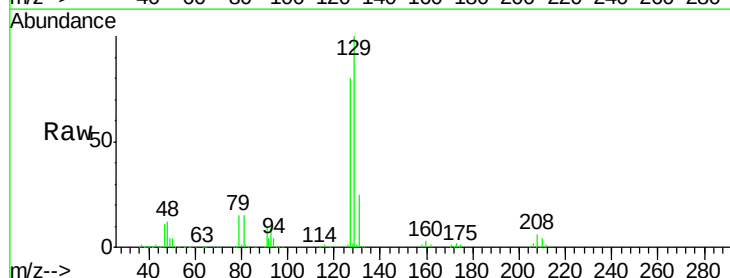
Manual Integrations
APPROVED

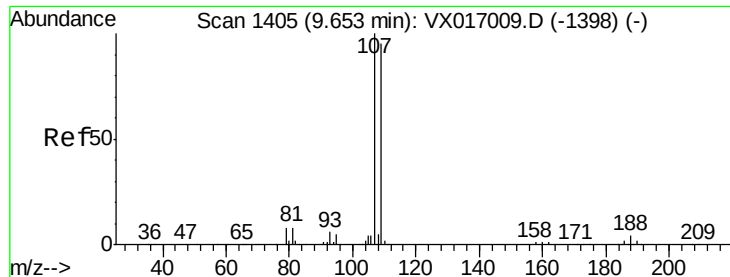
MMDadoda
7/1/2020 10:47:53 AM



#60
Dibromochloromethane
Concen: 50.648 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	129	Resp	166045
Ion Ratio	Lower	Upper	
129	100		
127	78.2	38.9	116.7





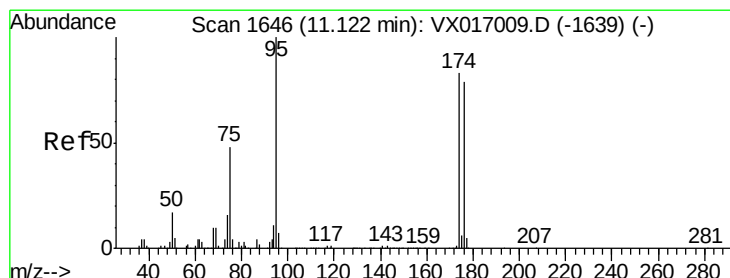
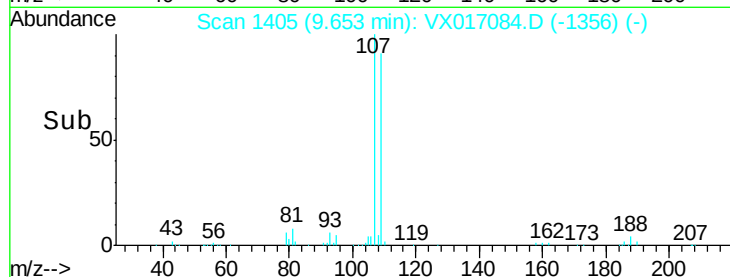
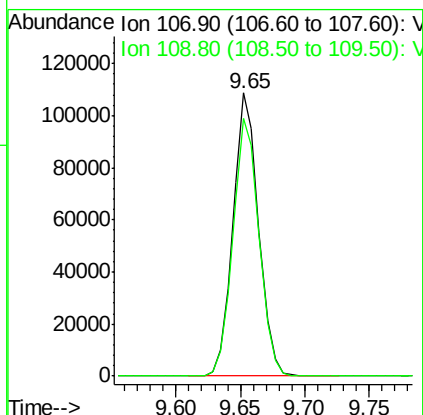
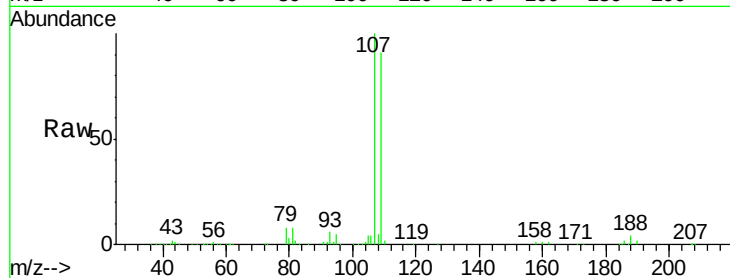
#61
 1,2-Dibromoethane
 Concen: 49.289 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.6	75.8	113.8

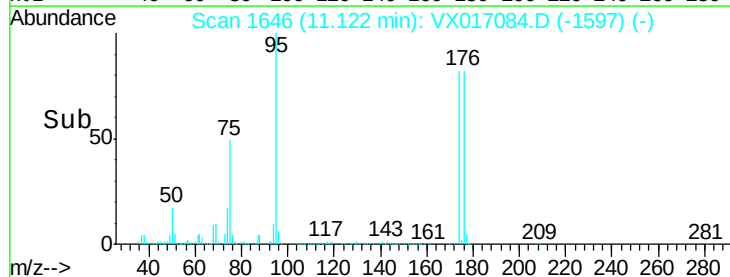
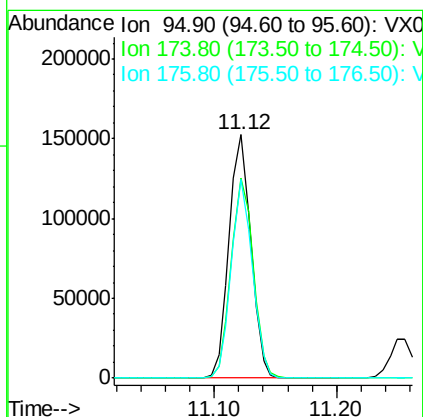
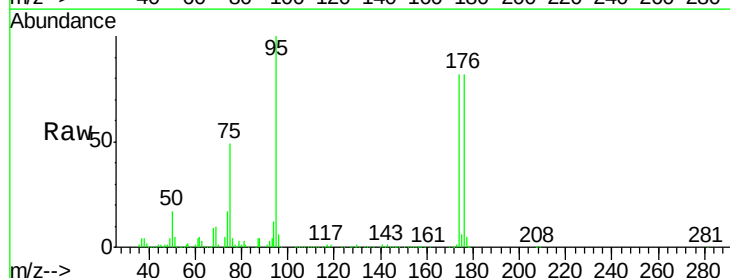
Manual Integrations
 APPROVED

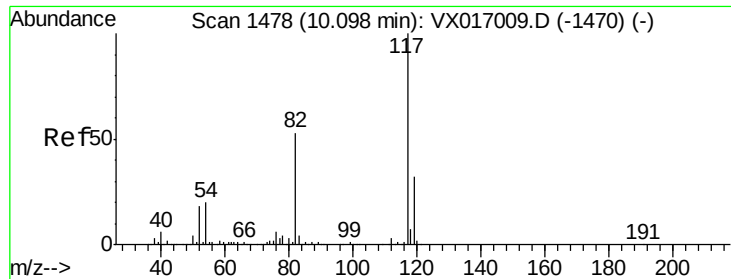
MMDadoda
 7/1/2020 10:47:53 AM



#62
 4-Bromofluorobenzene
 Concen: 51.617 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	164.0
176	79.1	0.0	157.6





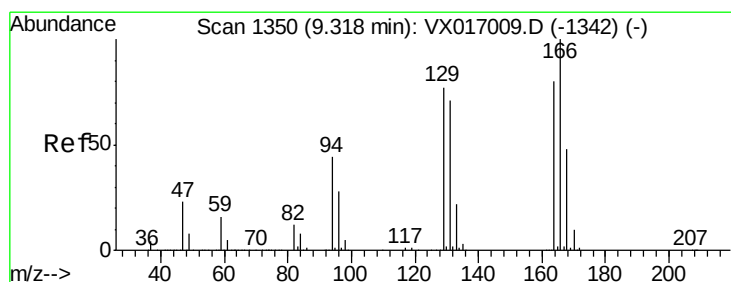
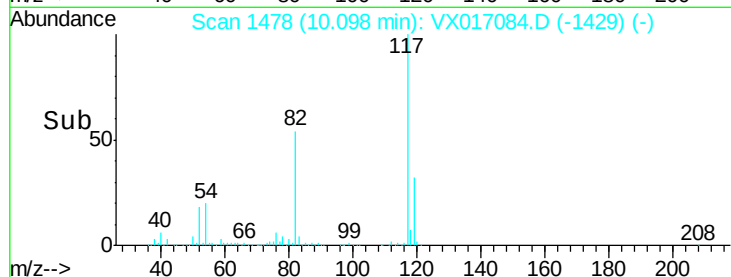
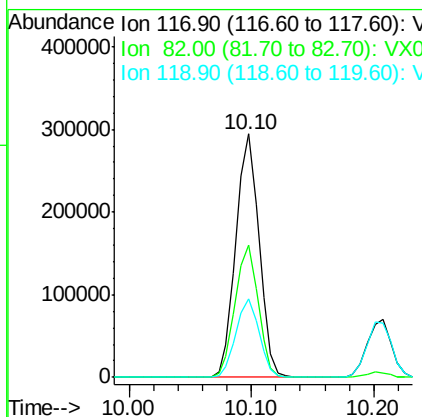
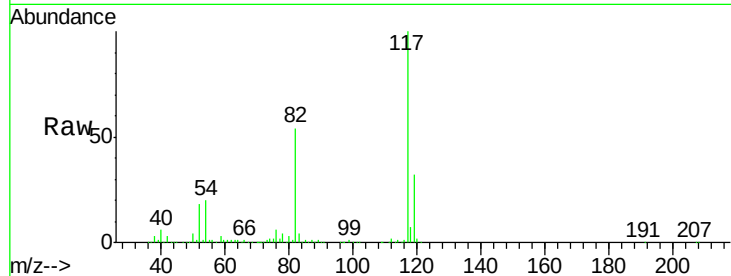
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	42.6	63.8
119	32.4	25.4	38.2

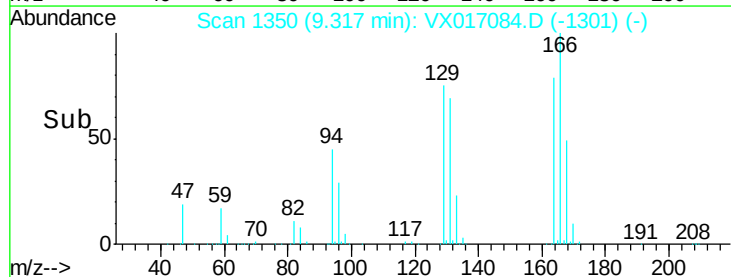
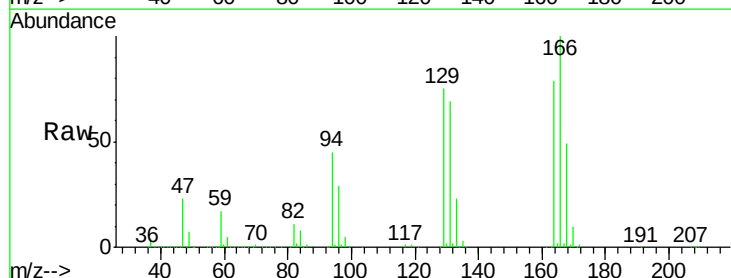
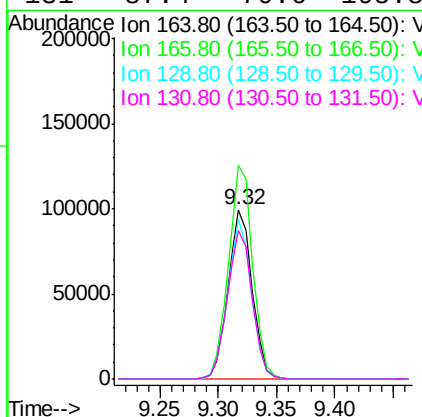
Manual Integrations
APPROVED

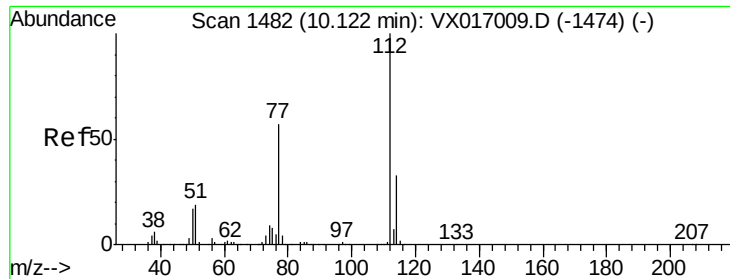
MMDadoda
7/1/2020 10:47:53 AM



#64
Tetrachloroethene
Concen: 45.730 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.0	99.4	149.0
129	94.5	76.3	114.5
131	87.4	70.6	105.8





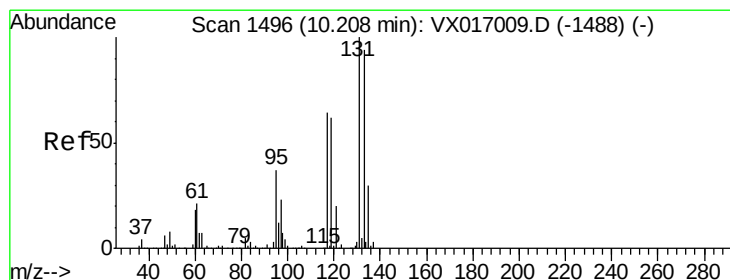
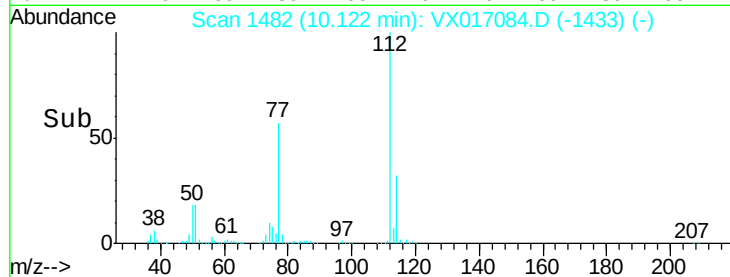
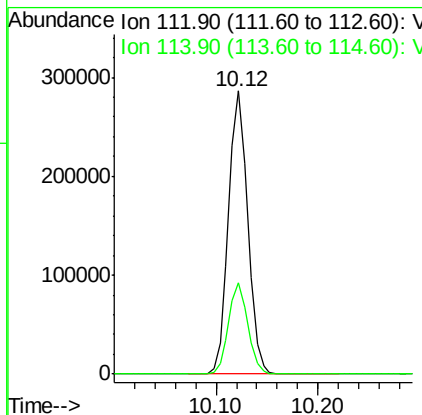
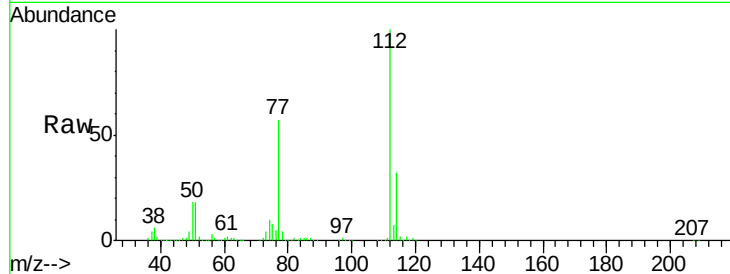
#65
Chlorobenzene
Concen: 46.724 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	26.2	39.4

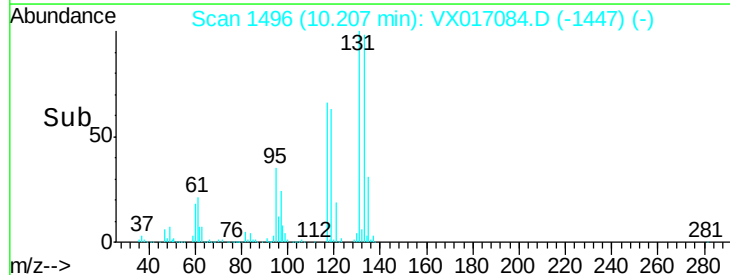
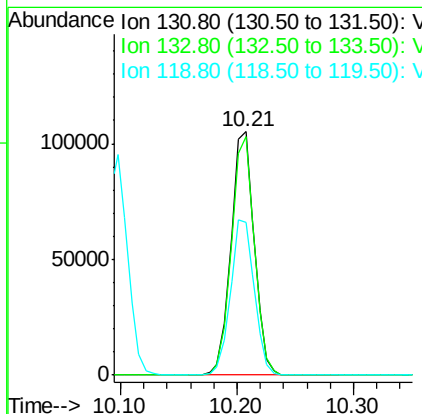
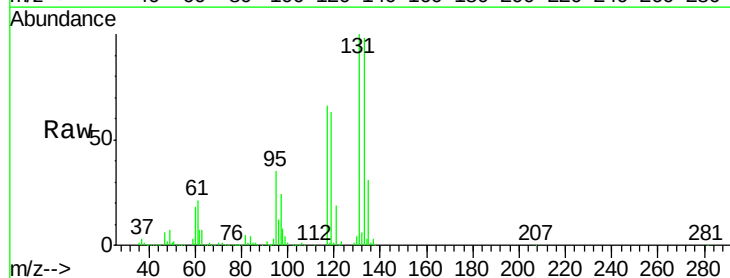
Manual Integrations
APPROVED

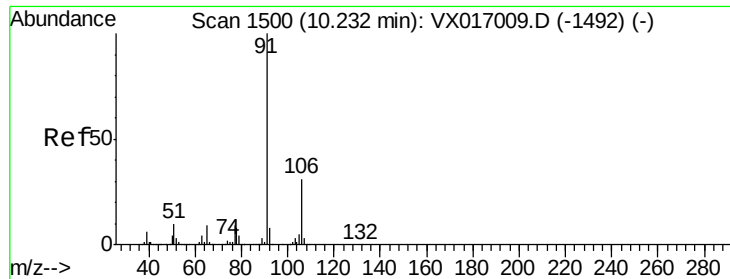
MMDadoda
7/1/2020 10:47:53 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 47.677 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.6	47.3	141.9
119	65.0	31.9	95.5





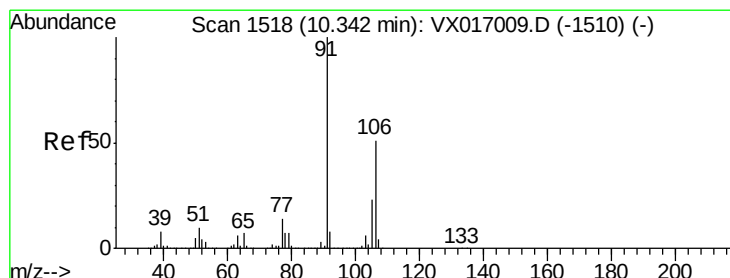
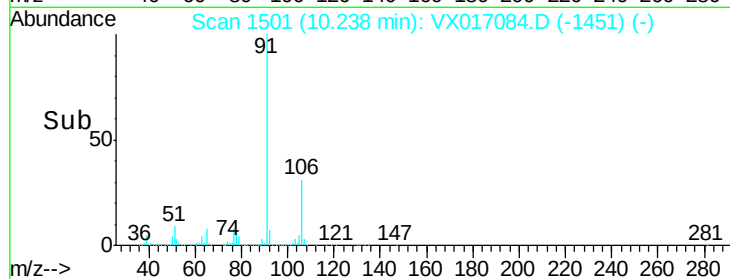
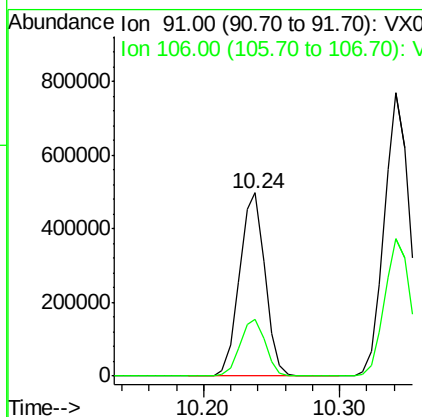
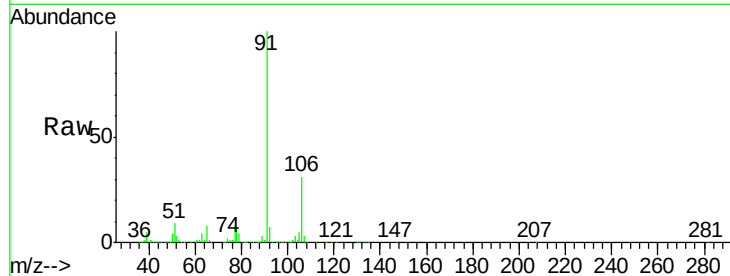
#67
Ethyl Benzene
Concen: 48.707 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion: 91 Resp: 648902
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1

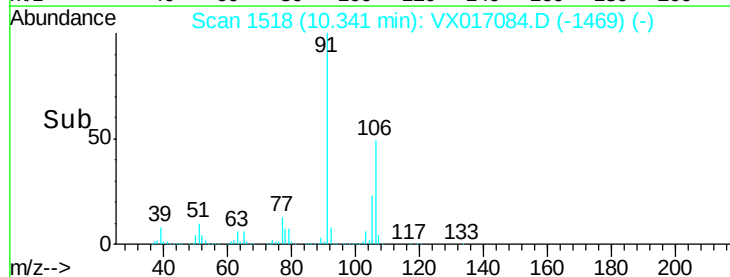
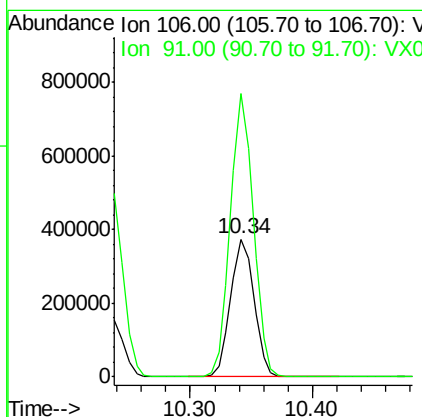
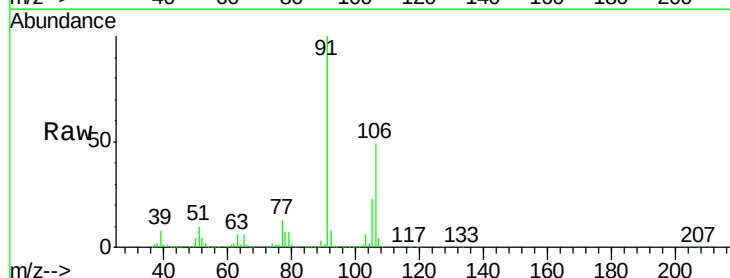
Manual Integrations
APPROVED

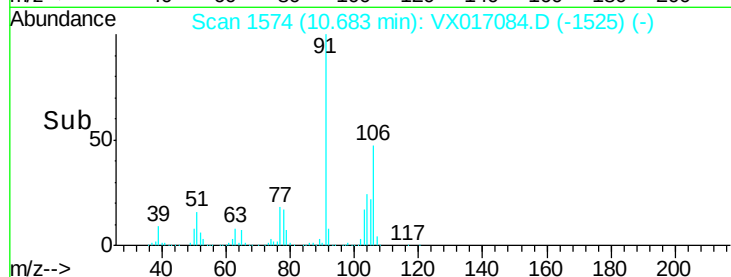
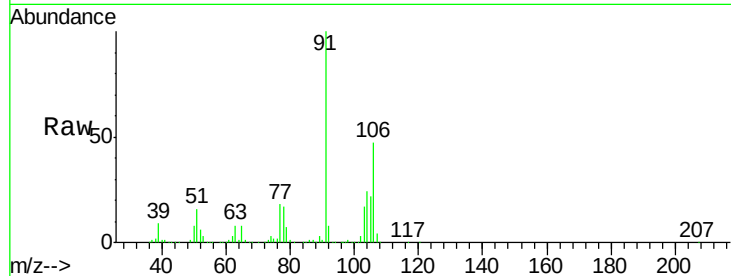
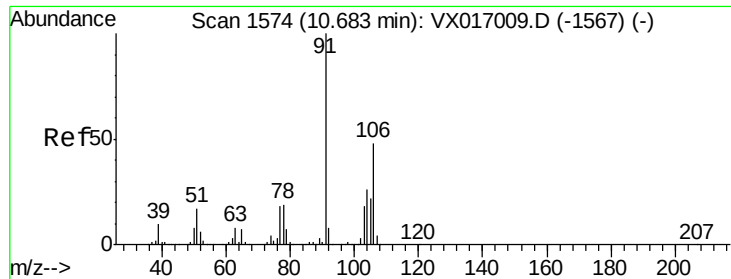
MMDadoda
7/1/2020 10:47:53 AM



#68
m/p-Xylenes
Concen: 97.130 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion: 106 Resp: 496861
Ion Ratio Lower Upper
106 100
91 201.9 158.6 238.0





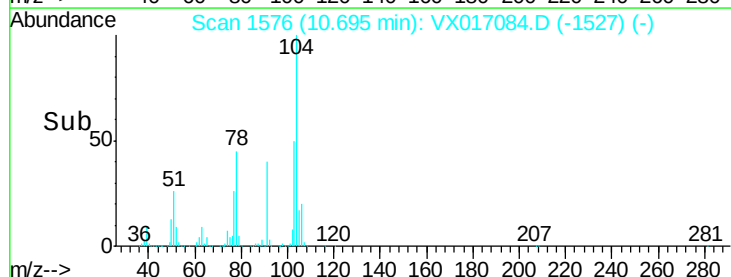
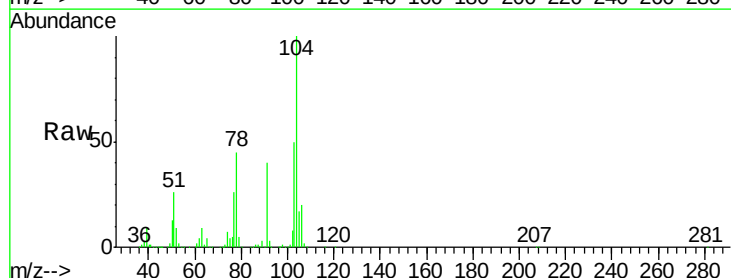
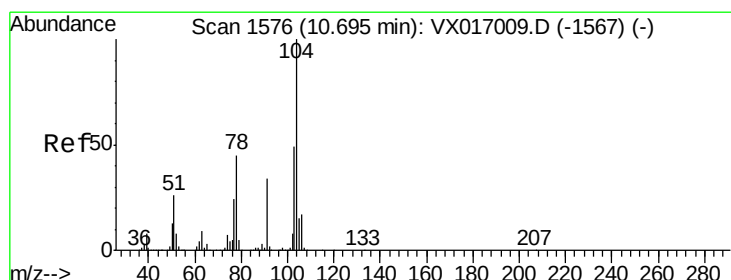
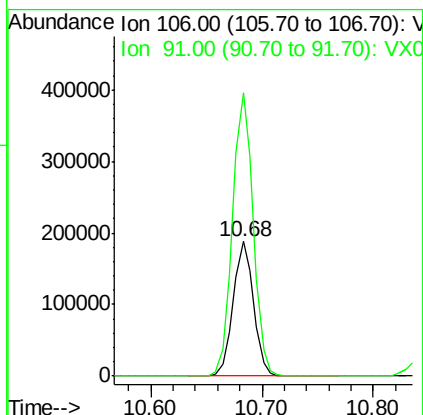
#69
o-Xylene
Concen: 48.793 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tot Ion:106 Resp: 237441
Ion Ratio Lower Upper
106 100
91 213.3 105.6 316.7

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

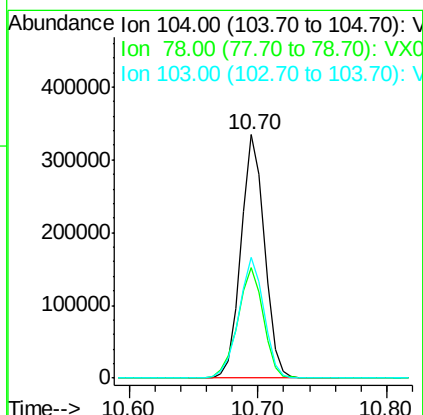
Manual Integrations
APPROVED

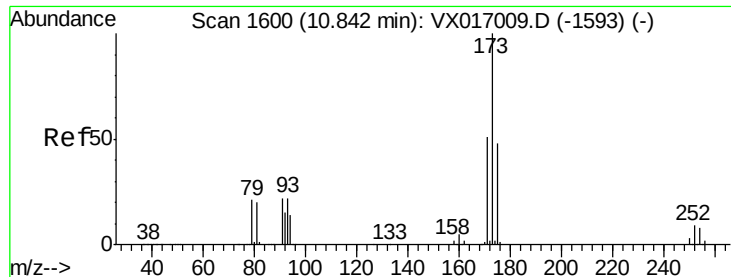
MMDadoda
7/1/2020 10:47:53 AM



#70
Styrene
Concen: 51.049 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion:104 Resp: 423034
Ion Ratio Lower Upper
104 100
78 49.7 39.5 59.3
103 53.4 43.0 64.6





#71

Bromoform

Concen: 52.029 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 126848

Ion Ratio Lower Upper

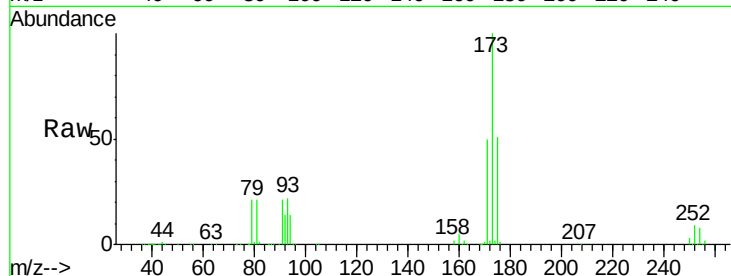
173 100

175 48.5 24.5 73.5

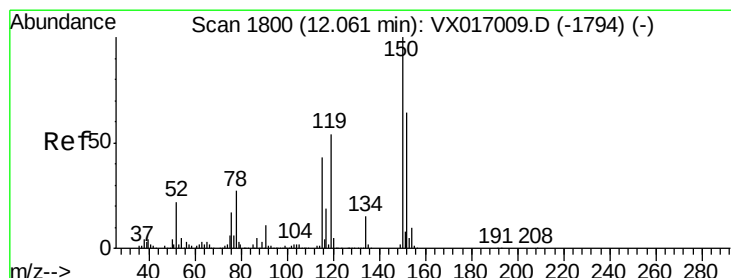
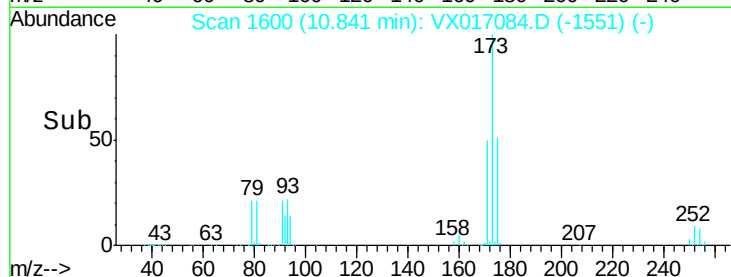
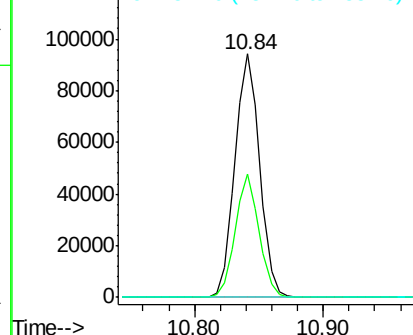
254 0.1 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

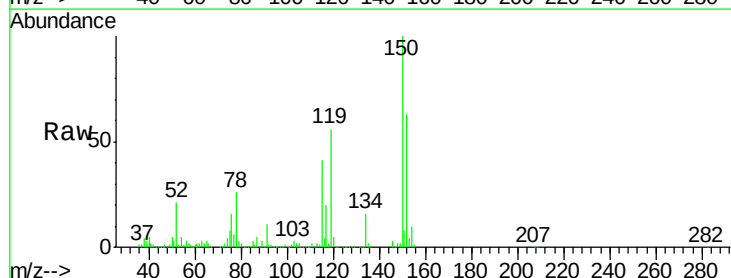
Tgt Ion:152 Resp: 206750

Ion Ratio Lower Upper

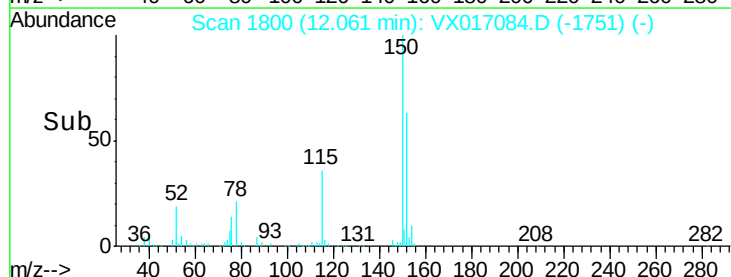
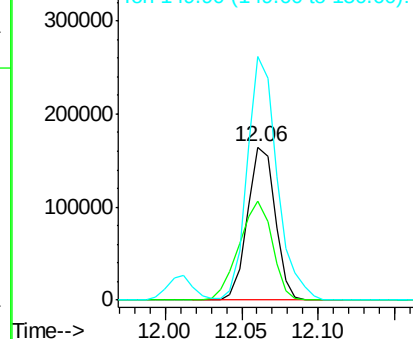
152 100

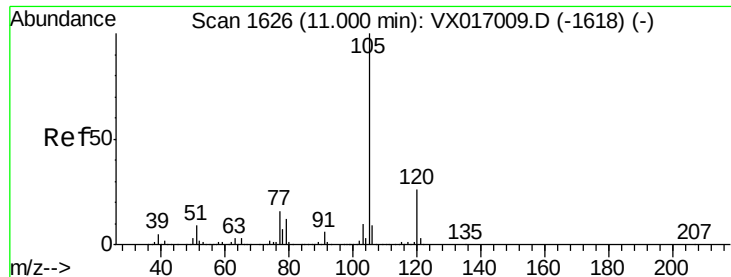
115 77.2 40.9 122.7

150 171.4 0.0 351.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.975 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 649694

Ion Ratio Lower Upper

105 100

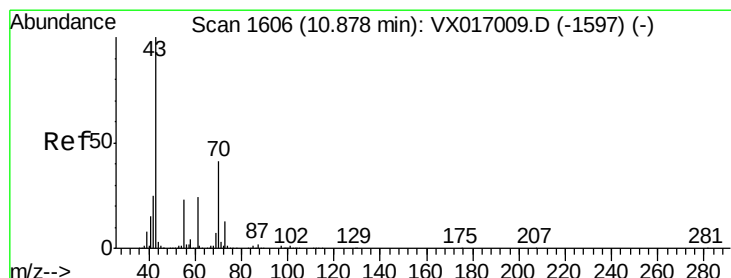
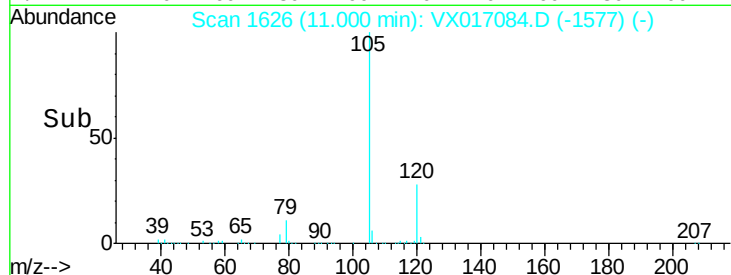
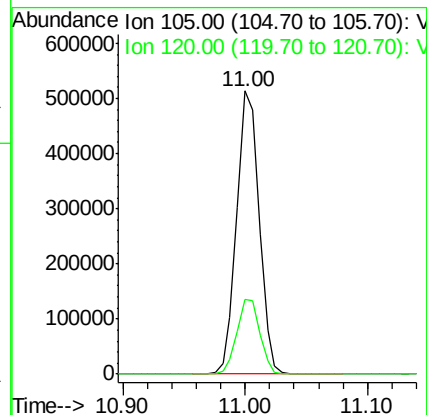
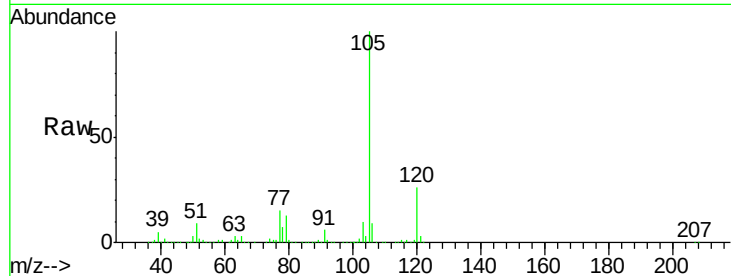
120 26.9 13.4 40.2

Manual Integrations

APPROVED

MMDadoda

7/1/2020 10:47:53 AM



#74

N-ethyl acetate

Concen: 48.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion: 43 Resp: 279114

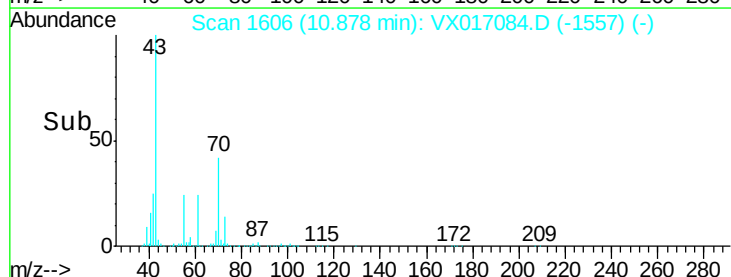
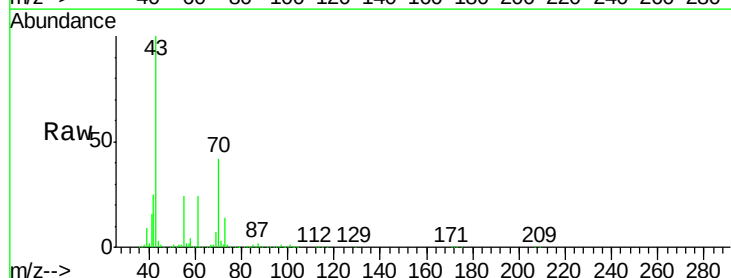
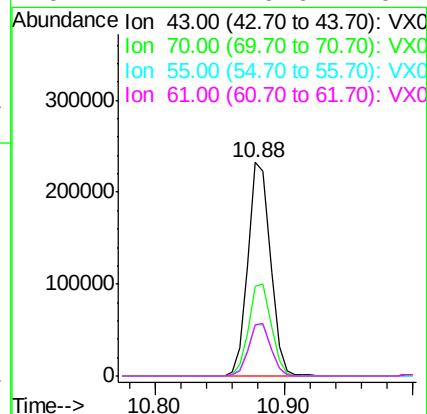
Ion Ratio Lower Upper

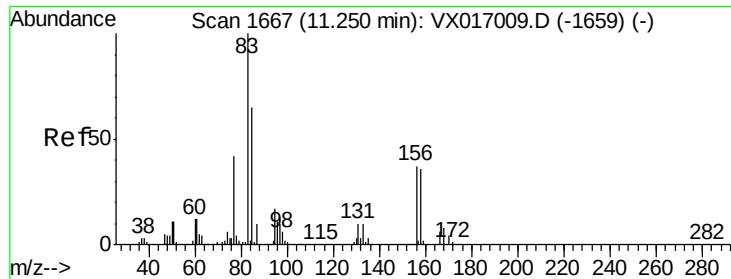
43 100

70 43.4 34.2 51.2

55 24.6 19.2 28.8

61 24.4 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 46.456 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

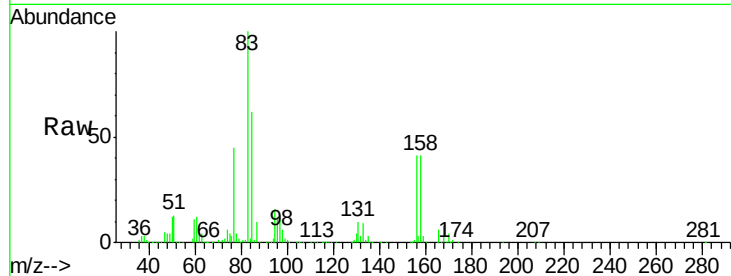
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	197895
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	63.3	31.9	95.9

Manual Integrations
APPROVED

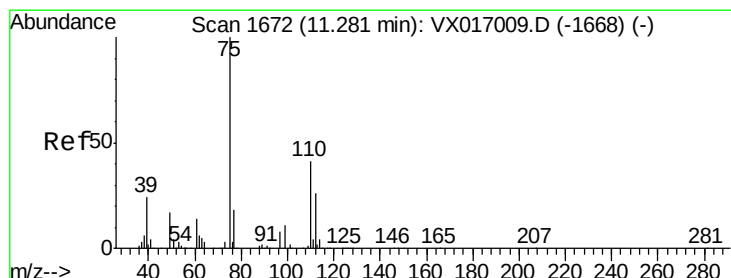
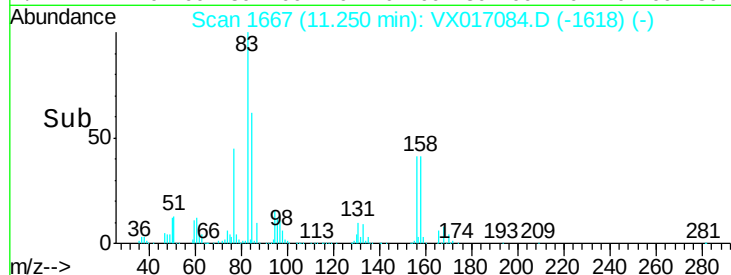
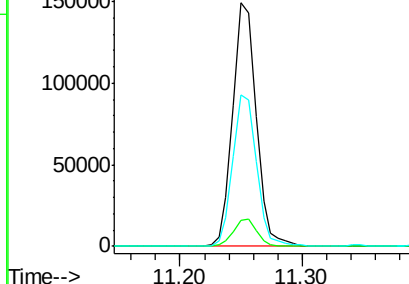
MMDadoda
7/1/2020 10:47:53 AM



Abundance Ion 82.90 (82.60 to 83.60): VX017009.D (-1659) (-)

Ion 130.80 (130.50 to 131.50): VX017009.D (-1659) (-)

Ion 84.90 (84.60 to 85.60): VX017009.D (-1659) (-)



#76

1,2,3-Trichloropropane

Concen: 44.675 ug/l m

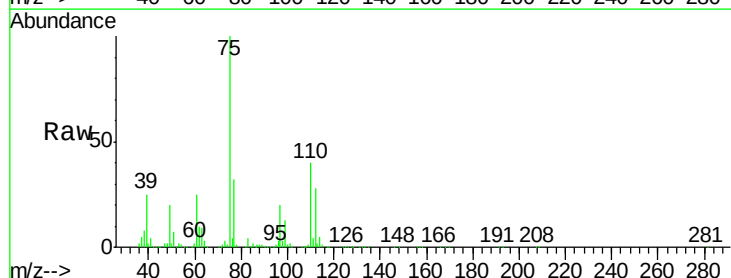
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017084.D

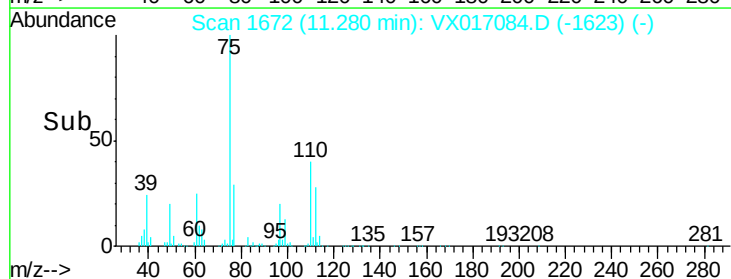
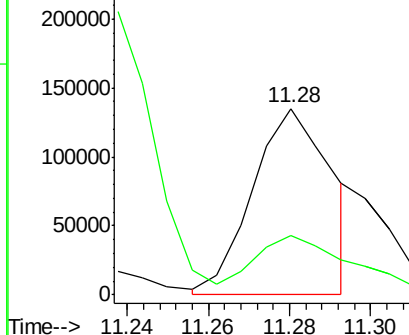
Acq: 01 Jul 2020 07:11

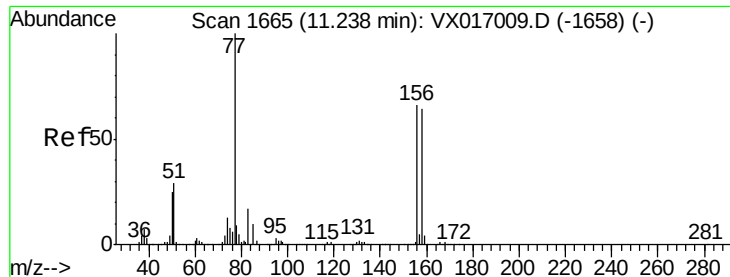
Tgt Ion:	75	Resp:	181633
Ion Ratio	Lower	Upper	
75	100		
77	40.5	20.2	60.6



Abundance Ion 74.90 (74.60 to 75.60): VX017009.D (-1668) (-)

Ion 77.00 (76.70 to 77.70): VX017009.D (-1668) (-)





#77

Bromobenzene

Concen: 47.661 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 177390

Ion Ratio Lower Upper

156 100

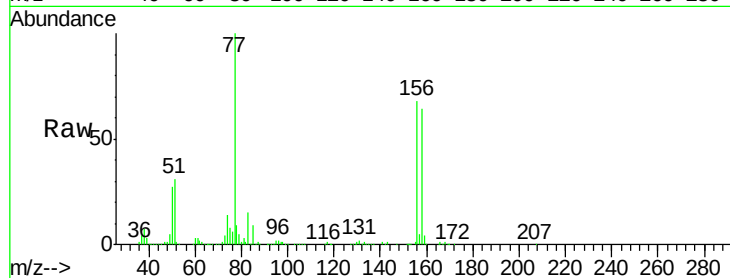
77 146.5 76.9 230.7

158 95.7 47.9 143.6

Manual Integrations
APPROVED

MMDadoda

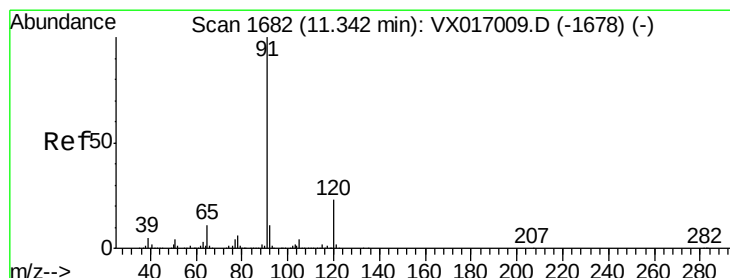
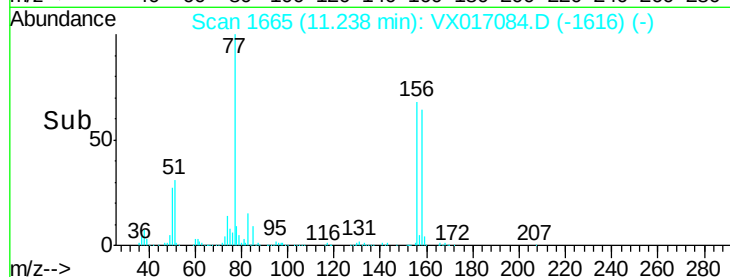
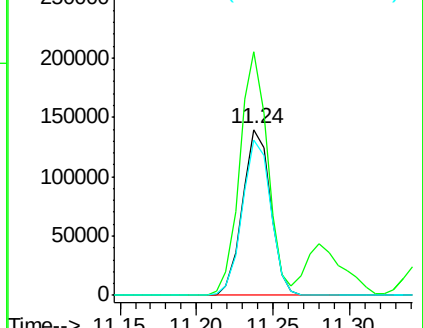
7/1/2020 10:47:53 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 47.927 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017084.D

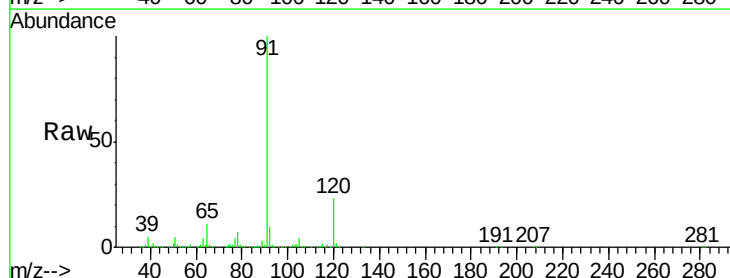
Acq: 01 Jul 2020 07:11

Tgt Ion: 91 Resp: 733955

Ion Ratio Lower Upper

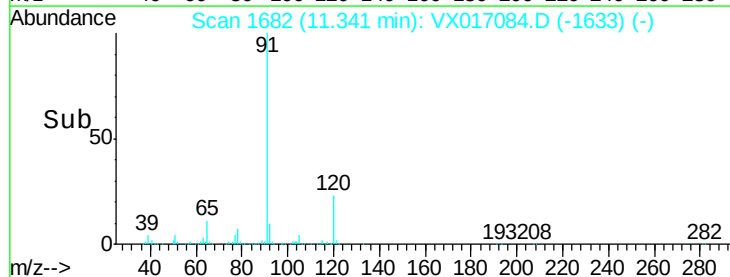
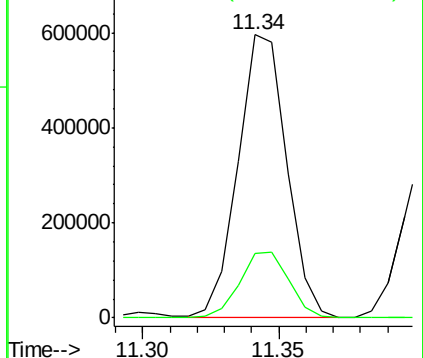
91 100

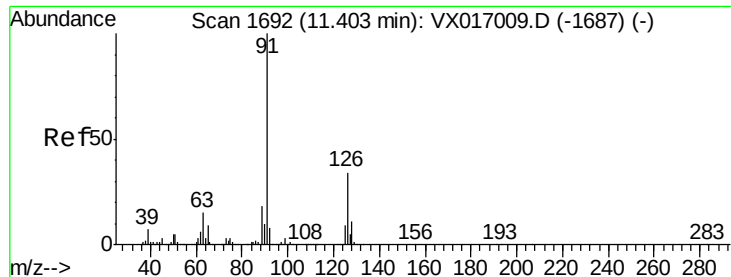
120 23.7 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





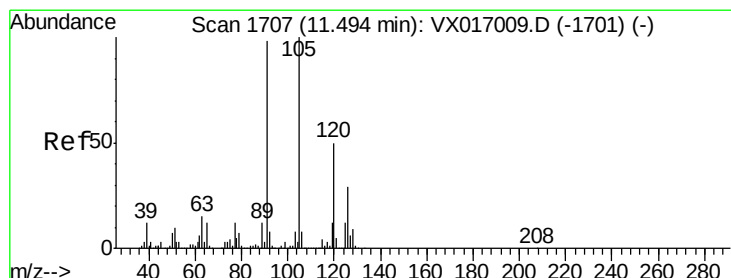
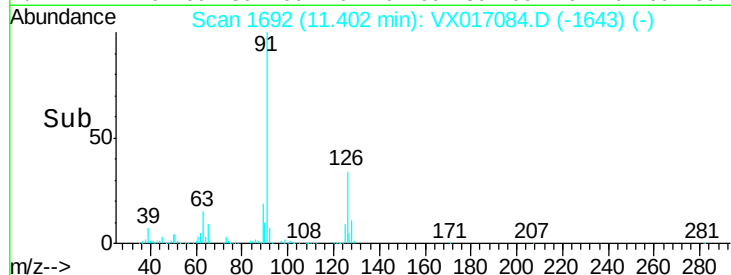
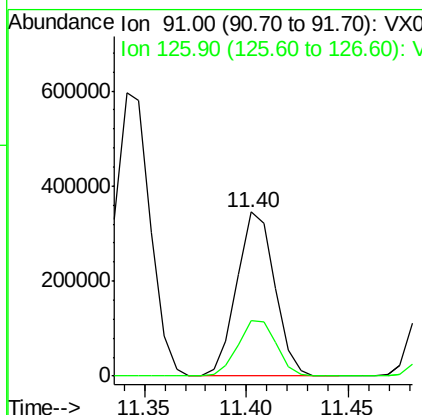
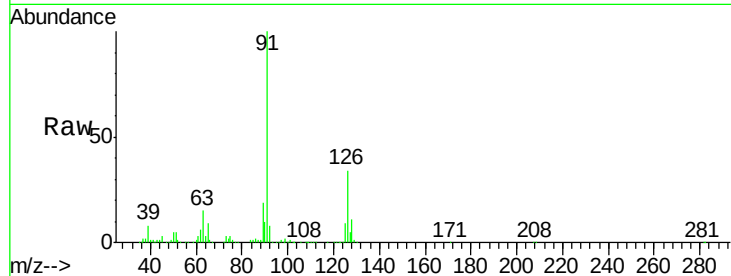
#79
 2-Chlorotoluene
 Concen: 48.085 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 445666
 Ion Ratio Lower Upper
 91 100
 126 34.8 17.4 52.3

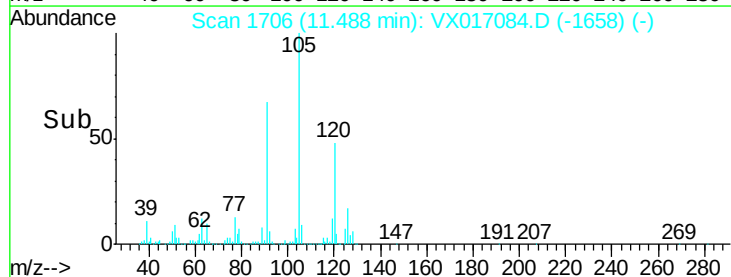
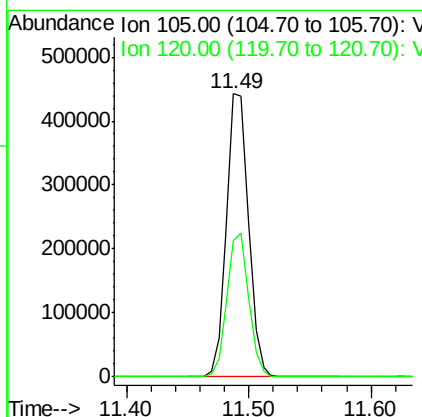
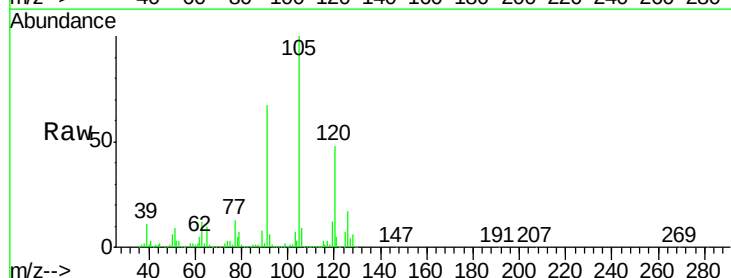
Manual Integrations
 APPROVED

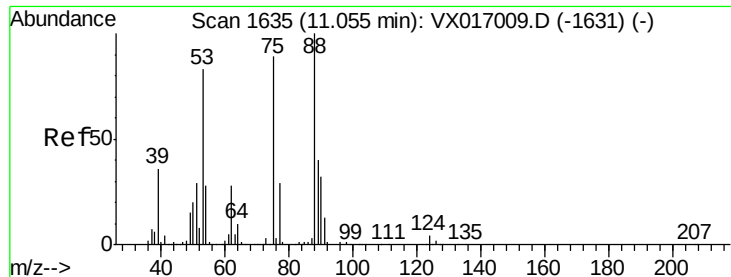
MMDadoda
 7/1/2020 10:47:53 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.973 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion: 105 Resp: 550110
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.9 74.6





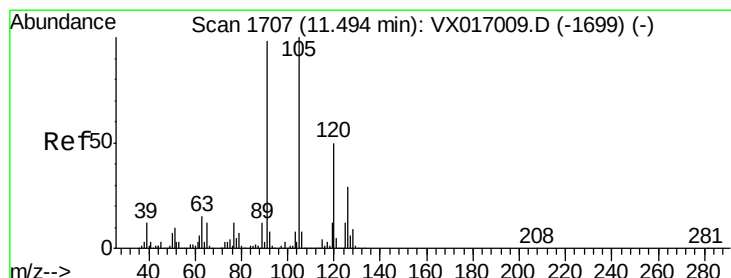
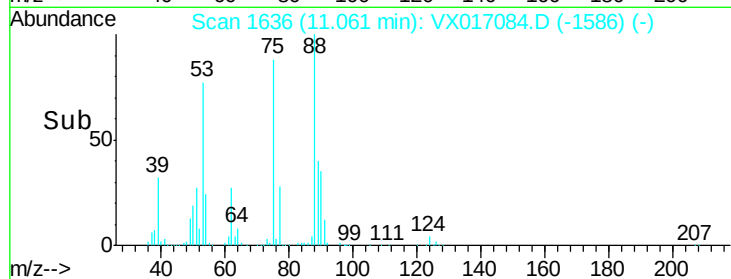
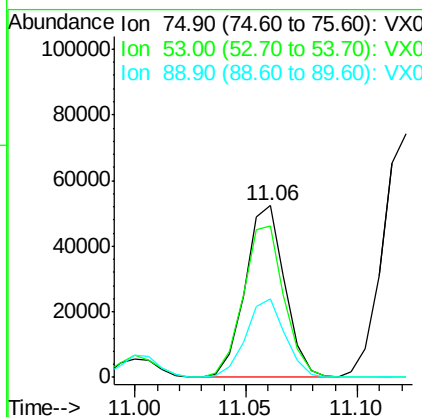
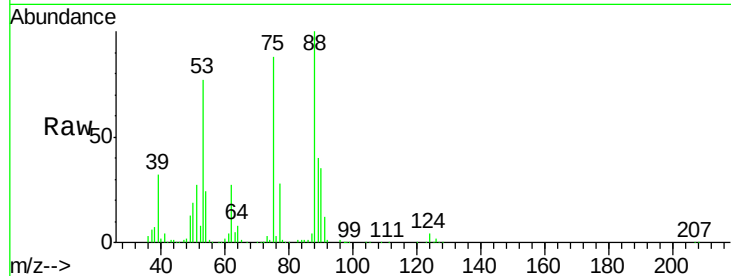
#81
trans-1,4-Dichloro-2-butene
Concen: 40.984 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.1	72.4	108.6
89	45.8	37.0	55.4

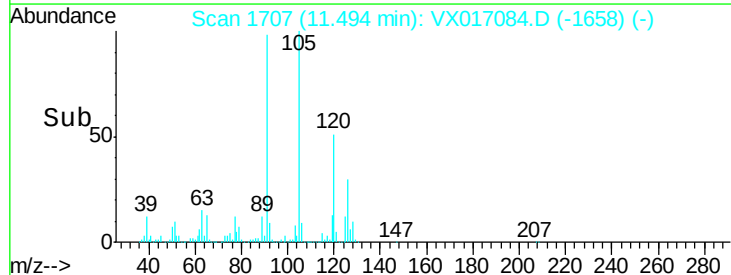
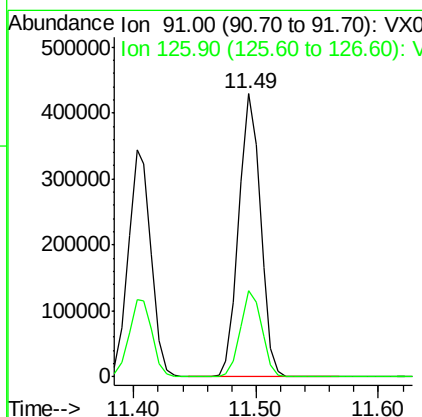
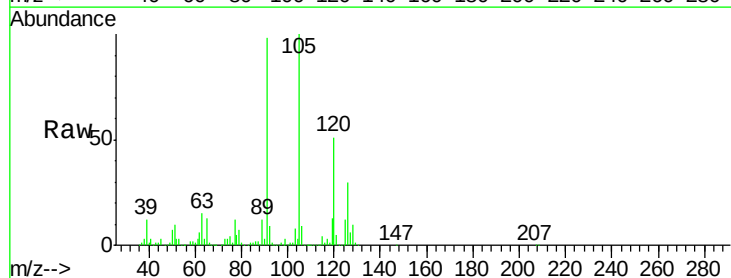
Manual Integrations
APPROVED

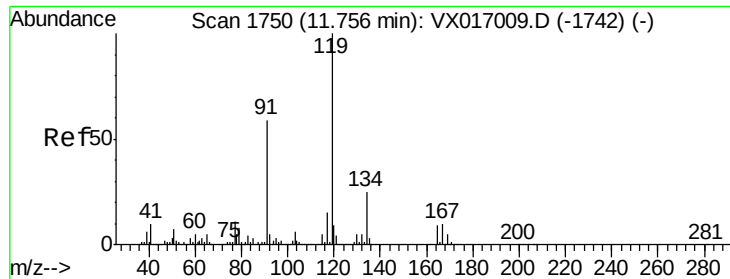
MMDadoda
7/1/2020 10:47:53 AM



#82
4-Chlorotoluene
Concen: 47.429 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.1	15.2	45.5





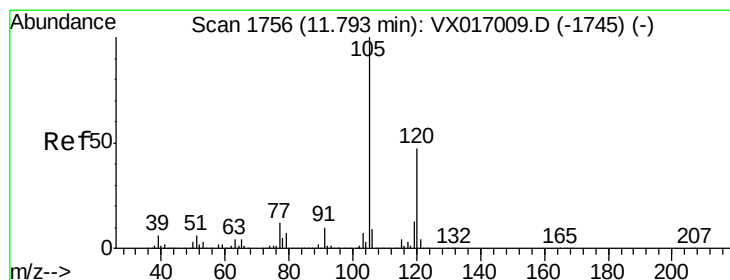
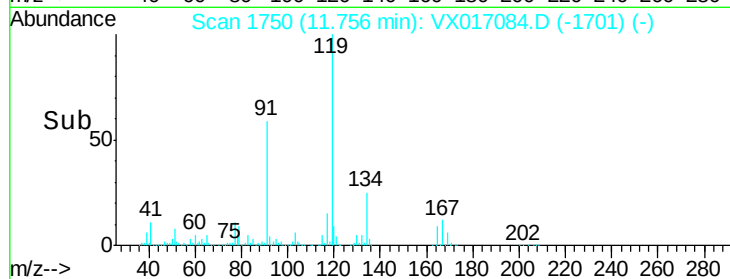
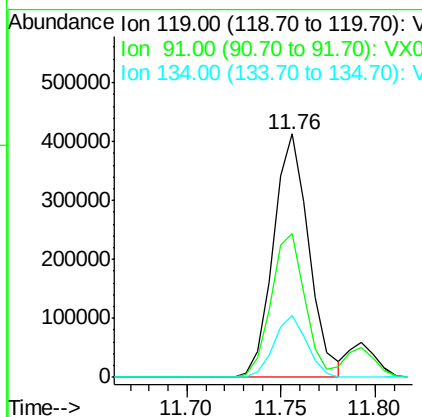
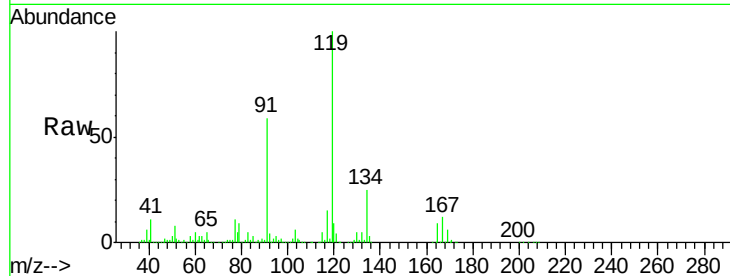
#83
 tert-Butylbenzene
 Concen: 48.689 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	536895		
91	56.4	28.3	84.9	
134	23.7	11.7	35.1	

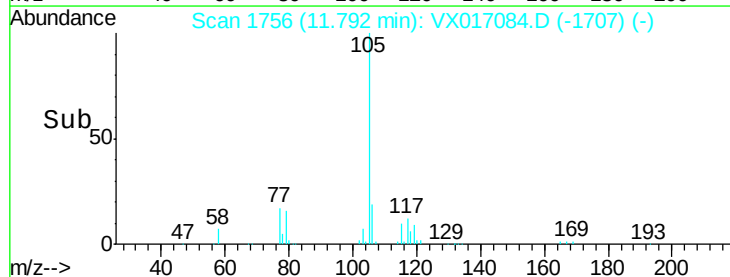
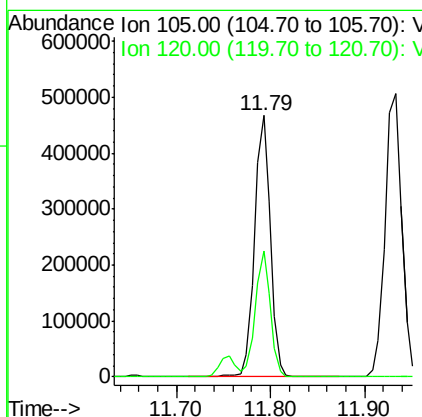
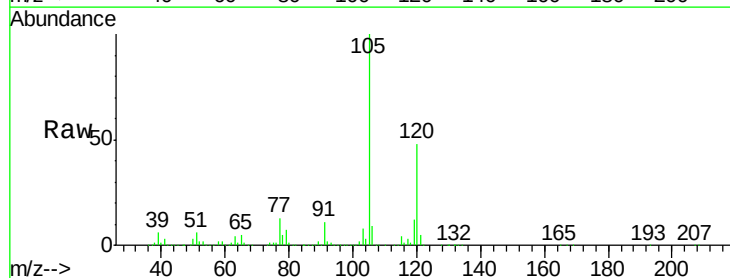
Manual Integrations
 APPROVED

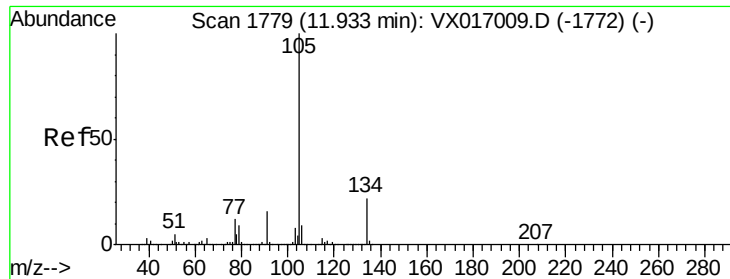
MMDadoda
 7/1/2020 10:47:53 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 48.733 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	555358		
120	46.0	22.9	68.5	





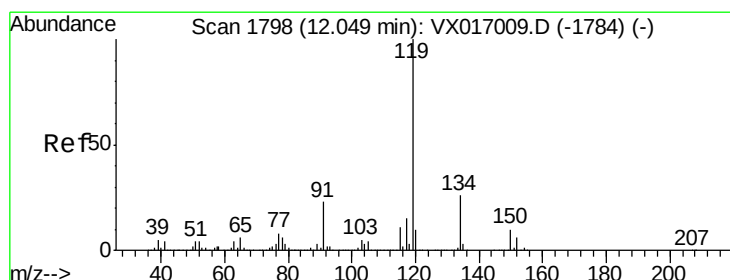
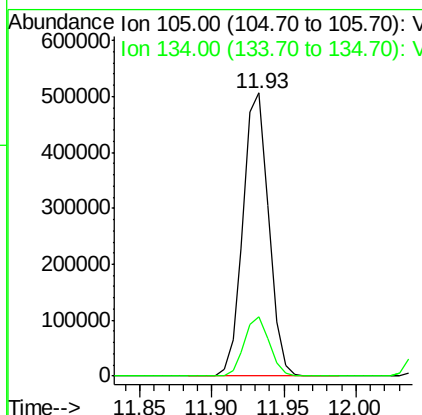
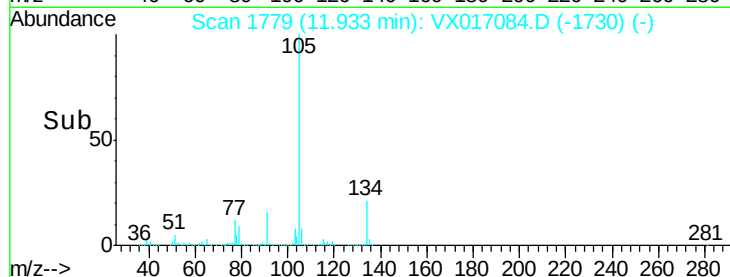
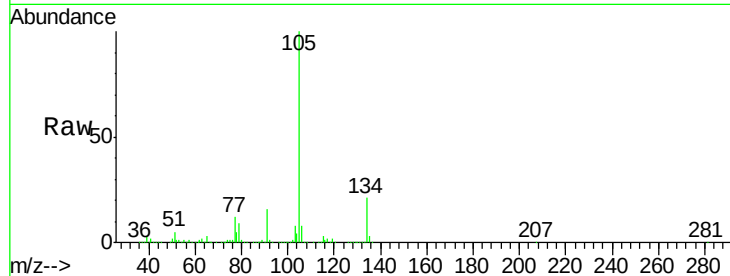
#85
 sec-Butylbenzene
 Concen: 48.091 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.5	31.6

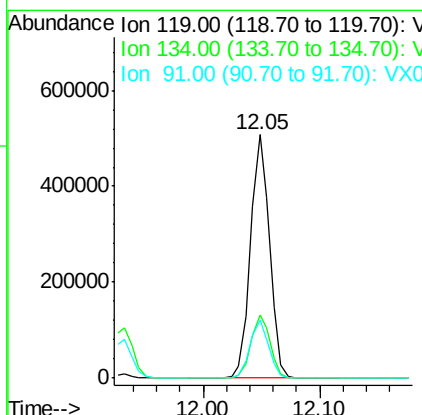
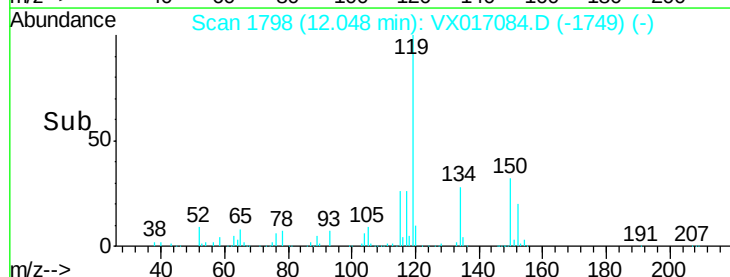
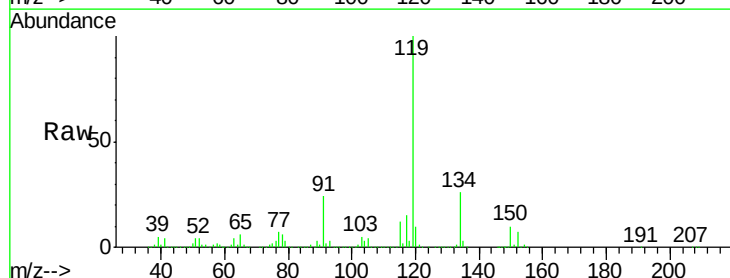
Manual Integrations
 APPROVED

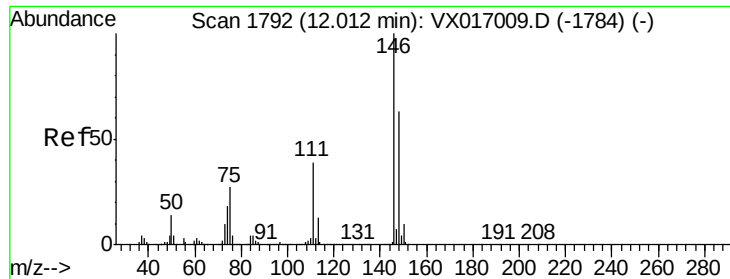
MMDadoda
 7/1/2020 10:47:53 AM



#86
 p-Isopropyltoluene
 Concen: 48.107 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.2	39.5
91	23.6	11.8	35.4





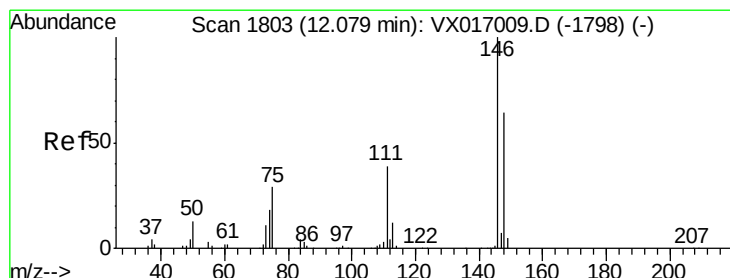
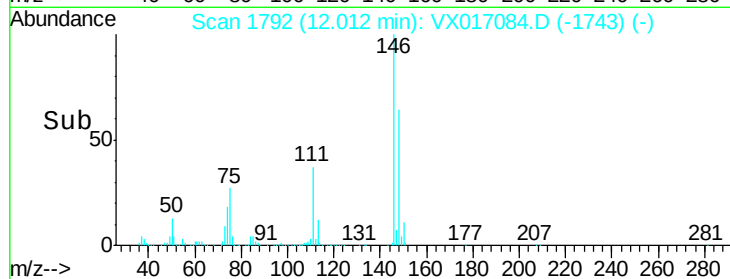
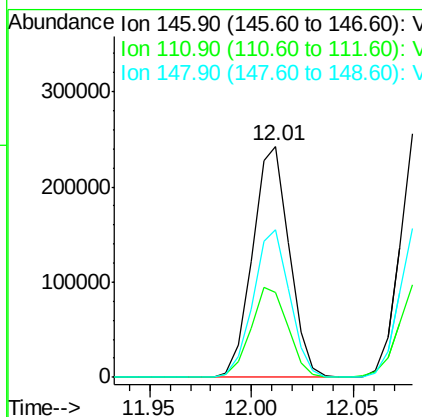
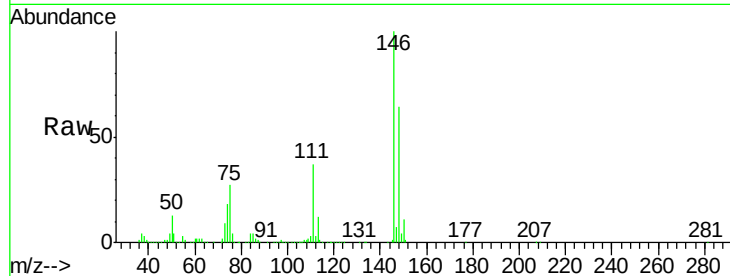
#87
 1,3-Dichlorobenzene
 Concen: 44.940 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.4	61.2
148	63.7	32.5	97.5

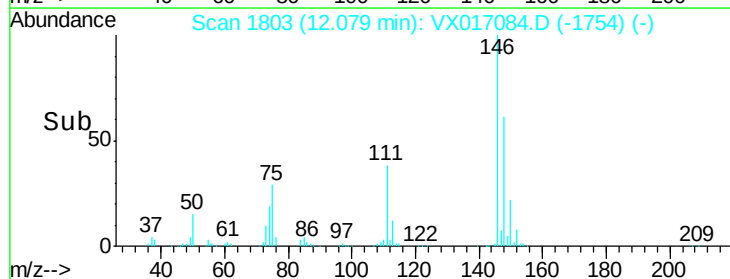
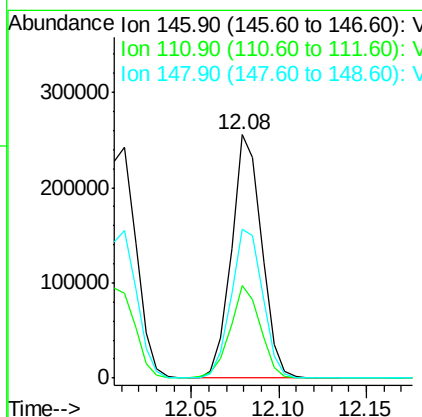
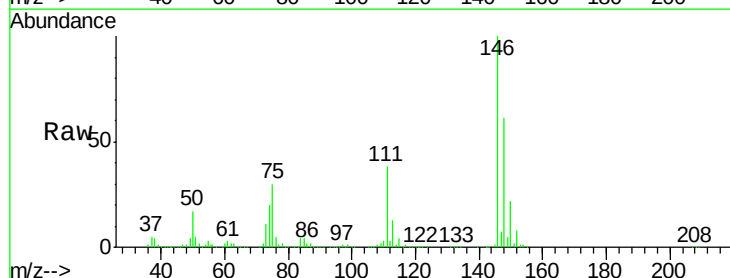
Manual Integrations
 APPROVED

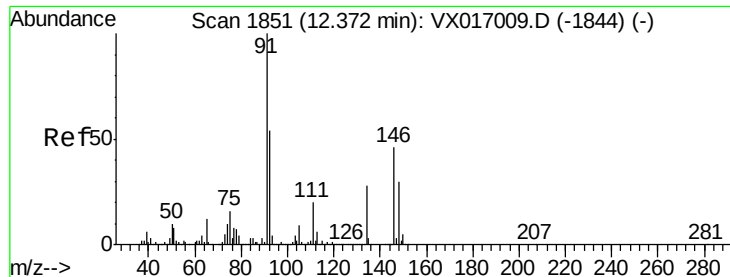
MMDadoda
 7/1/2020 10:47:53 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.140 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.5	58.5
148	64.1	31.9	95.7





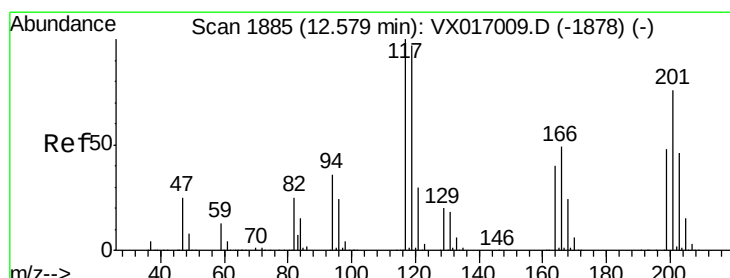
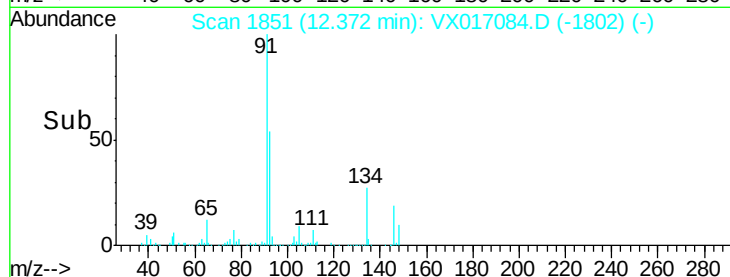
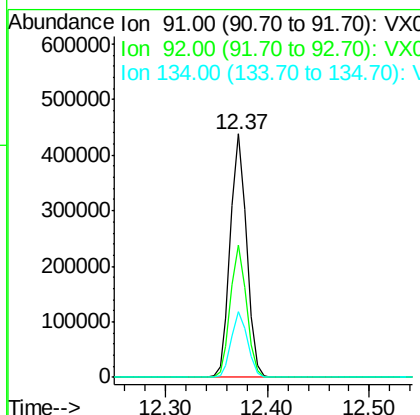
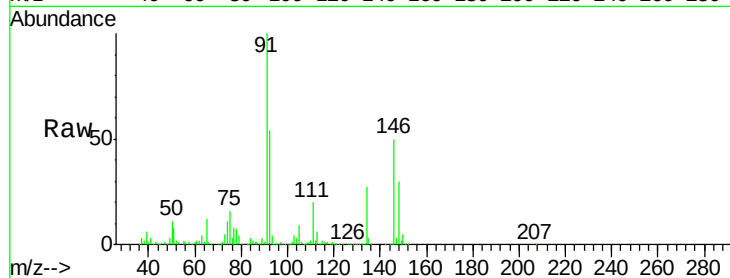
#89
n-Butylbenzene
Concen: 44.669 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	27.2	81.6
134	27.0	13.6	40.7

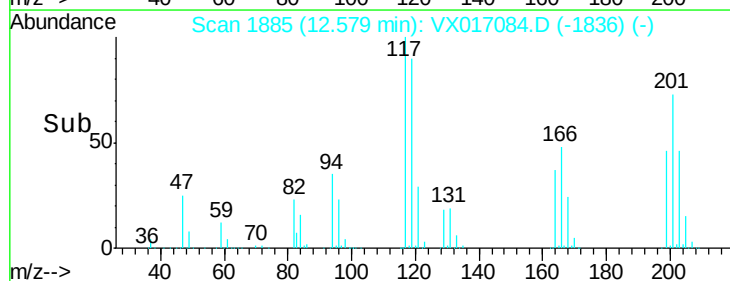
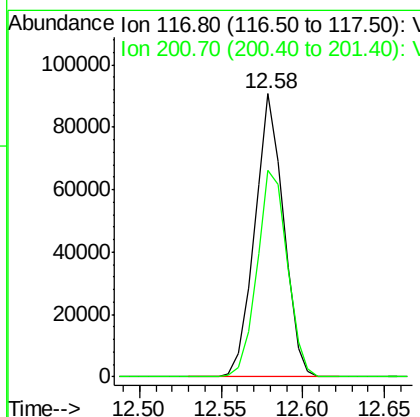
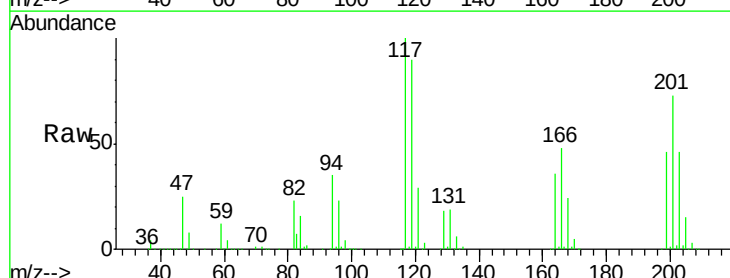
Manual Integrations
APPROVED

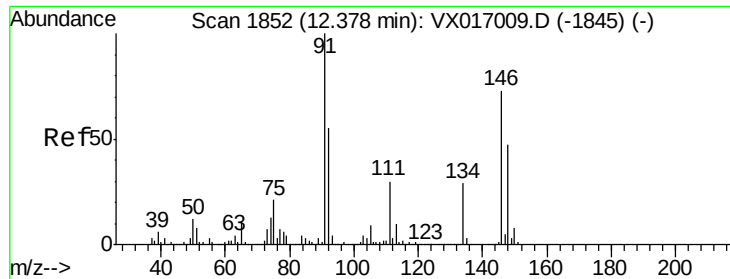
MMDadoda
7/1/2020 10:47:53 AM



#90
Hexachloroethane
Concen: 46.824 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	39.4	118.2





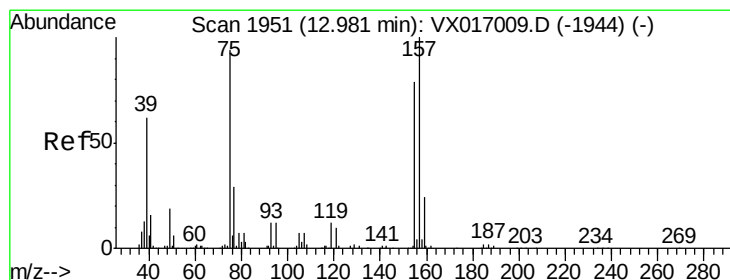
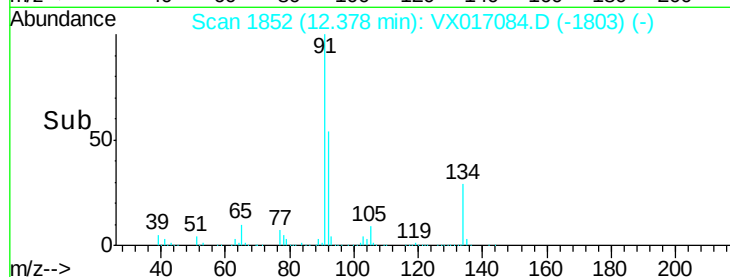
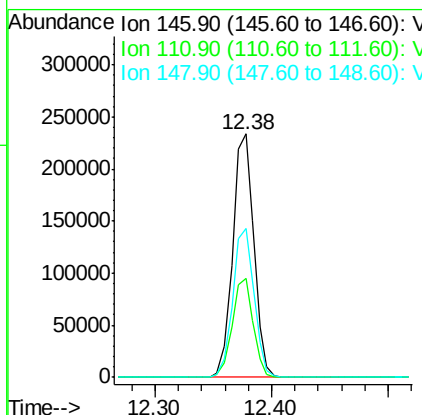
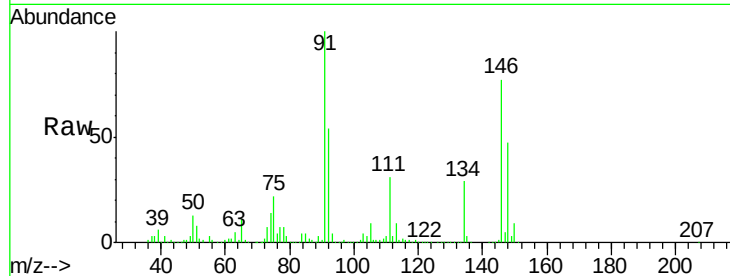
#91
 1,2-Dichlorobenzene
 Concen: 46.642 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.9
148	61.8	32.4	97.2

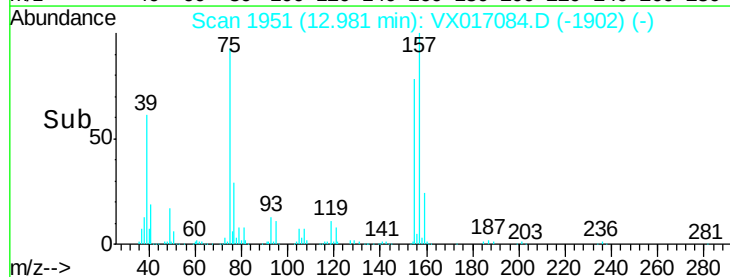
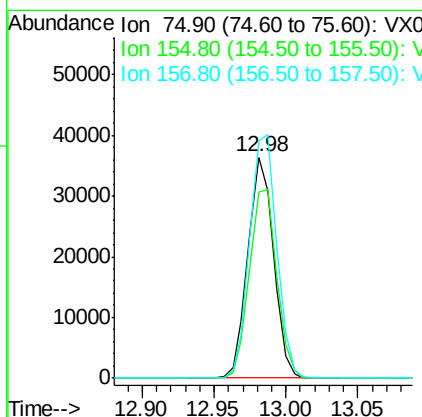
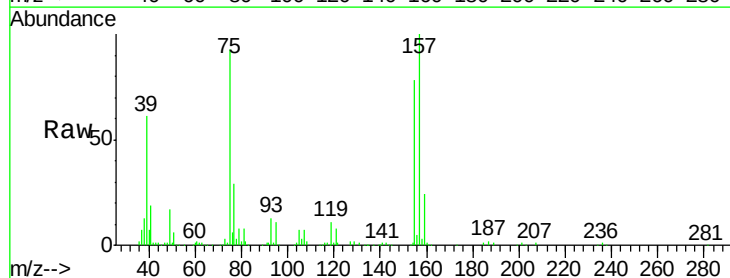
Manual Integrations
 APPROVED

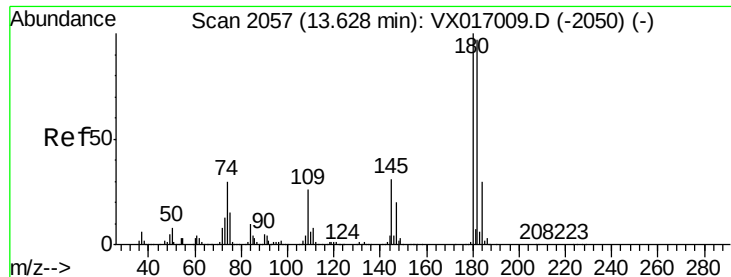
MMDadoda
 7/1/2020 10:47:53 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.146 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017084.D
 Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.9	45.1	135.2
157	115.9	56.5	169.3





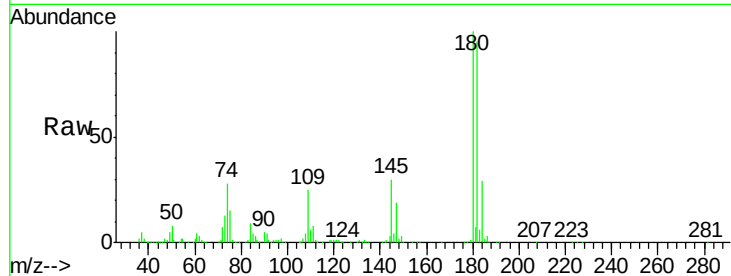
#93
1,2,4-Trichlorobenzene
Concen: 44.897 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

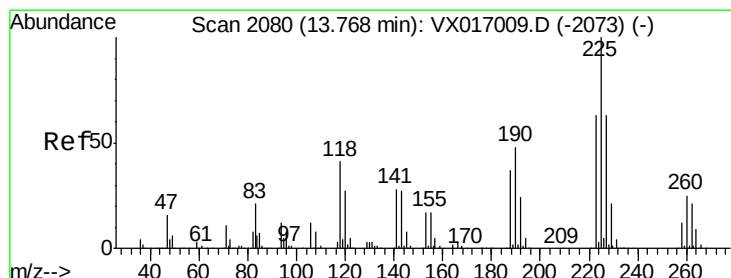
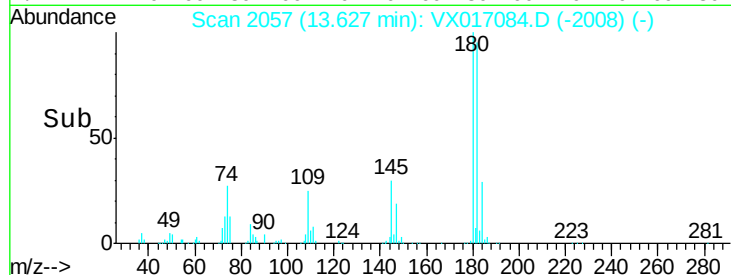
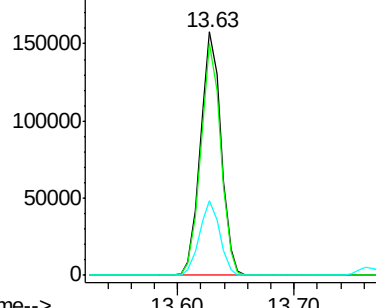
Tot Ion	Ratio	Resp	Lower	Upper
180	100	193632		
182	93.0	47.3	141.9	
145	30.2	15.4	46.2	

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM

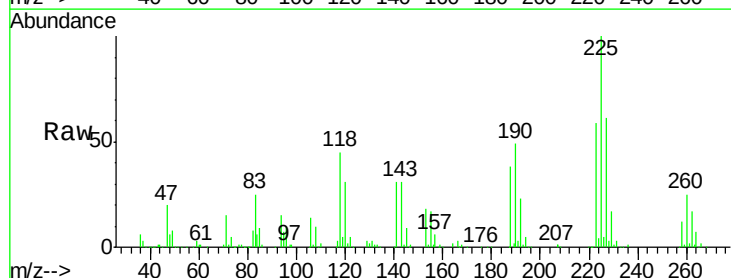


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

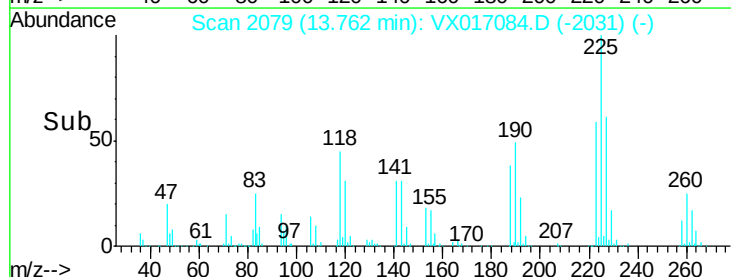
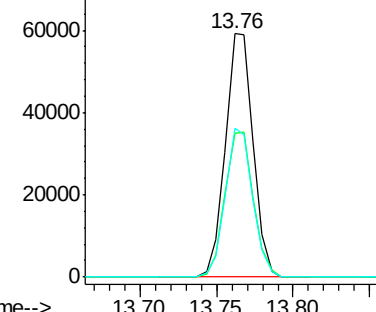


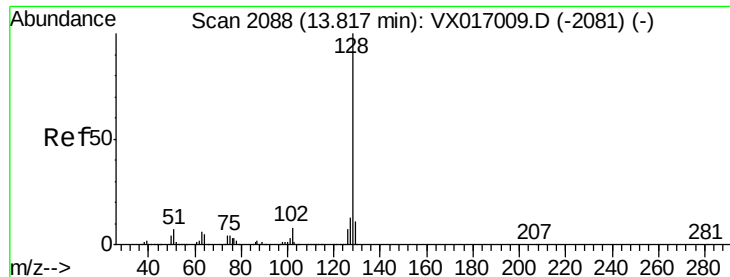
#94
Hexachlorobutadiene
Concen: 45.788 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017084.D
Acq: 01 Jul 2020 07:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	74826		
223	60.9	32.5	97.5	
227	60.2	33.1	99.2	



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 47.895 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Instrument :

MSVOA_X

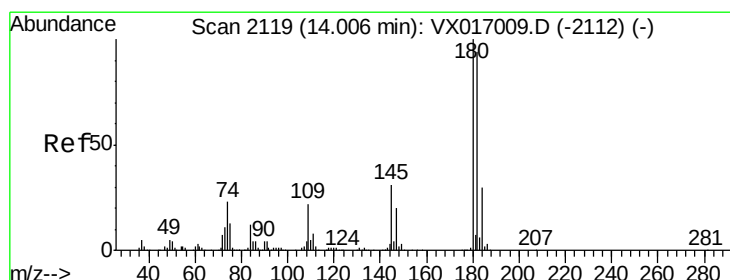
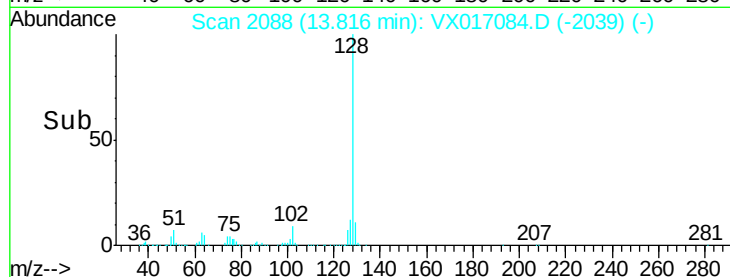
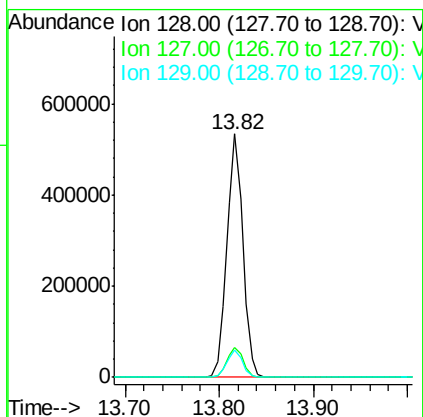
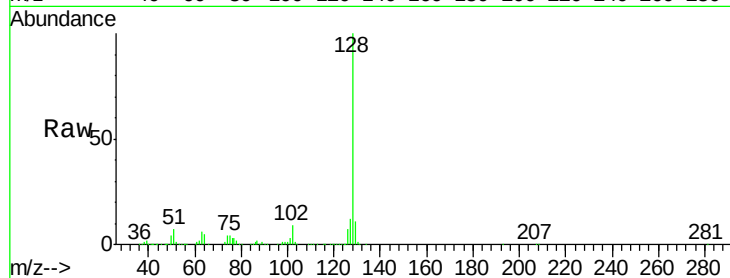
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	627975
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/1/2020 10:47:53 AM



#96

1,2,3-Trichlorobenzene

Concen: 45.890 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017084.D

Acq: 01 Jul 2020 07:11

Tgt Ion:	180	Resp:	191534
Ion Ratio	Lower	Upper	
180	100		
182	95.2	47.1	141.4
145	33.0	16.6	49.7

