

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016543.D
 Acq On : 01 Jun 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:45 AM

Quant Time: Jun 02 03:43:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	304592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493664	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	186351	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
35) Dibromofluoromethane	5.46	113	149827	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	8.70	98	580709	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	
62) 4-Bromofluorobenzene	11.12	95	222322	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	146025	48.715	ug/l	98
3) Chloromethane	1.31	50	165561	45.705	ug/l	98
4) Vinyl Chloride	1.39	62	189834	49.555	ug/l	98
5) Bromomethane	1.62	94	89873	48.251	ug/l	99
6) Chloroethane	1.70	64	116872	52.301	ug/l	99
7) Trichlorofluoromethane	1.91	101	250701	49.832	ug/l	98
8) Diethyl Ether	2.17	74	105313	50.202	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	139245	50.290	ug/l	99
10) Methyl Iodide	2.49	142	128122	39.419	ug/l	99
11) Tert butyl alcohol	3.01	59	229856	236.968	ug/l	100
12) 1,1-Dichloroethene	2.36	96	146808	50.091	ug/l	99
13) Acrolein	2.27	56	122530	296.956	ug/l	98
14) Allyl chloride	2.70	41	270177	50.126	ug/l	98
15) Acrylonitrile	3.12	53	501772	252.533	ug/l	99
16) Acetone	2.42	43	410841	247.904	ug/l	99
17) Carbon Disulfide	2.55	76	424636	48.789	ug/l	99
18) Methyl Acetate	2.75	43	219755	51.700	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	540151	51.324	ug/l	100
20) Methylene Chloride	2.84	84	170736	49.795	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	162920	50.256	ug/l	97
22) Diisopropyl ether	3.82	45	521161	50.333	ug/l	98
23) Vinyl Acetate	3.78	43	2331126	257.209	ug/l	99
24) 1,1-Dichloroethane	3.67	63	297240	50.861	ug/l	99
25) 2-Butanone	4.64	43	697145	248.257	ug/l	96
26) 2,2-Dichloropropane	4.56	77	225146	47.081	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	187258	49.930	ug/l	99
28) Bromochloromethane	4.98	49	132857	48.920	ug/l	95
29) Tetrahydrofuran	5.09	42	458842	252.916	ug/l	98
30) Chloroform	5.18	83	293630	49.864	ug/l	97
31) Cyclohexane	5.55	56	249293	47.416	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	259424	48.662	ug/l	99
36) 1,1-Dichloropropene	5.77	75	220136	47.097	ug/l	98
37) Ethyl Acetate	4.79	43	264769	47.182	ug/l	98
38) Carbon Tetrachloride	5.76	117	225726	45.954	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO060120\
 Data File : VX016543.D
 Acq On : 01 Jun 2020 20:39
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/2/2020 11:34:45 AM

Quant Time: Jun 02 03:43:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	243605	47.984	ug/l	100
40) Benzene	6.11	78	683379	49.096	ug/l	100
41) Methacrylonitrile	5.01	41	143821	46.659	ug/l	97
42) 1,2-Dichloroethane	6.17	62	230570	46.580	ug/l	98
43) Isopropyl Acetate	6.42	43	429262	49.041	ug/l	98
44) Trichloroethene	7.19	130	195248	44.211	ug/l	98
45) 1,2-Dichloropropane	7.49	63	175334	49.480	ug/l	99
46) Dibromomethane	7.64	93	115787	48.649	ug/l	99
47) Bromodichloromethane	7.88	83	240497	48.801	ug/l	98
48) Methyl methacrylate	7.74	41	204763	48.858	ug/l	97
49) 1,4-Dioxane	7.71	88	86585	882.803	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1345221	246.820	ug/l	99
52) Toluene	8.77	92	425637	48.493	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	280193	50.001	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	293678	49.512	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	175166	50.193	ug/l	97
56) Ethyl methacrylate	9.16	69	295980	52.075	ug/l	97
57) 1,3-Dichloropropane	9.35	76	297981	49.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	756711	255.072	ug/l	99
59) 2-Hexanone	9.48	43	1042922	246.065	ug/l	98
60) Dibromochloromethane	9.57	129	197187	50.209	ug/l	99
61) 1,2-Dibromoethane	9.65	107	186489	49.902	ug/l	100
64) Tetrachloroethene	9.32	164	200888	39.816	ug/l	98
65) Chlorobenzene	10.12	112	454007	49.381	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	176582	50.314	ug/l	98
67) Ethyl Benzene	10.24	91	794536	48.539	ug/l	99
68) m/p-Xylenes	10.34	106	603581	99.450	ug/l	99
69) o-Xylene	10.68	106	292219	49.716	ug/l	96
70) Styrene	10.70	104	516509	51.124	ug/l	99
71) Bromoform	10.84	173	154222	51.995	ug/l #	100
73) Isopropylbenzene	11.00	105	759046	49.230	ug/l	100
74) N-amyl acetate	10.88	43	374546	52.812	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	233916	60.535	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	249765m	51.064	ug/l	
77) Bromobenzene	11.24	156	200866	49.671	ug/l	99
78) n-propylbenzene	11.34	91	852052	49.464	ug/l	100
79) 2-Chlorotoluene	11.40	91	527354	50.155	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	643540	49.987	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	98980	49.778	ug/l	97
82) 4-Chlorotoluene	11.49	91	615032	49.533	ug/l	100
83) tert-Butylbenzene	11.76	119	582220	52.927	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	649829	49.911	ug/l	99
85) sec-Butylbenzene	11.93	105	703469	50.978	ug/l	100
86) p-Isopropyltoluene	12.05	119	657571	50.870	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	348449	49.735	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	352223	49.156	ug/l	99
89) n-Butylbenzene	12.37	91	559550	51.969	ug/l	99
90) Hexachloroethane	12.58	117	114409	51.240	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	335444	49.419	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60043	47.972	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060120\
Data File : VX016543.D
Acq On : 01 Jun 2020 20:39
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

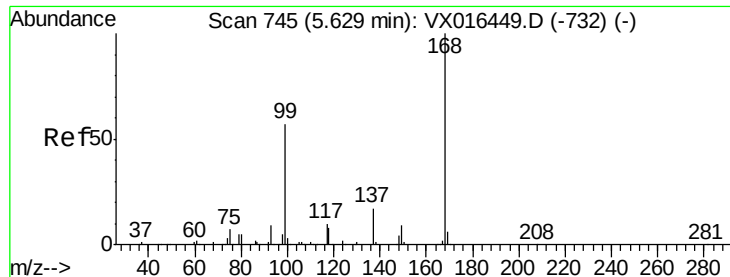
Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM

Quant Time: Jun 02 03:43:12 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	222862	49.437	ug/l	100
94) Hexachlorobutadiene	13.77	225	87757	49.581	ug/l	98
95) Naphthalene	13.82	128	713230	46.152	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	209031	47.330	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 304592

Ion Ratio Lower Upper

168 100

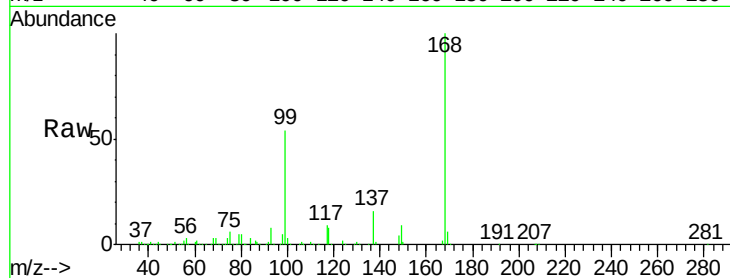
99 54.0 45.2 67.8

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

20000

0

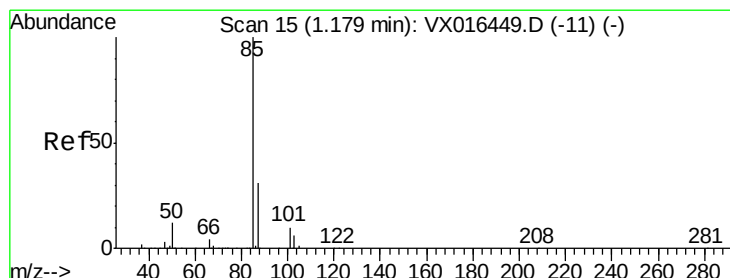
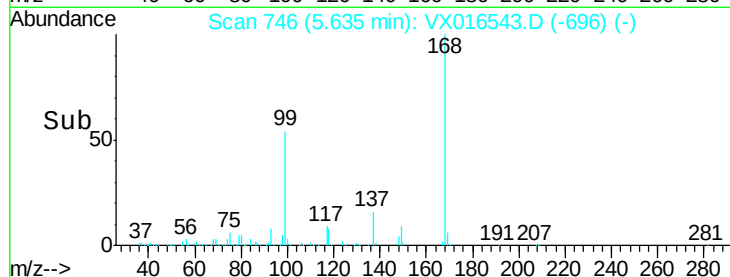
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 48.715 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016543.D

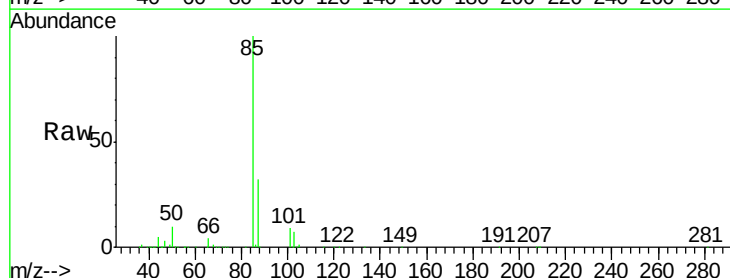
Acq: 01 Jun 2020 20:39

Tgt Ion: 85 Resp: 146025

Ion Ratio Lower Upper

85 100

87 32.2 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

150000

100000

50000

0

1.10

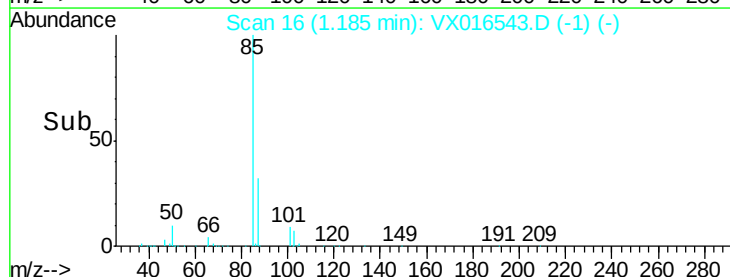
1.15

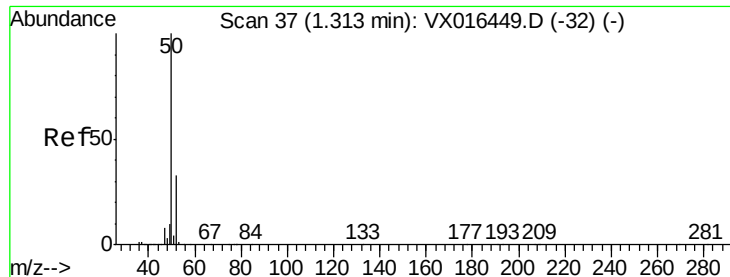
1.20

1.25

1.30

Time-->





#3

Chloromethane

Concen: 45.705 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 165561

Ion Ratio Lower Upper

50 100

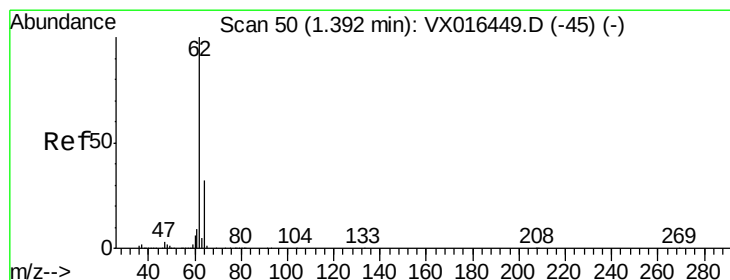
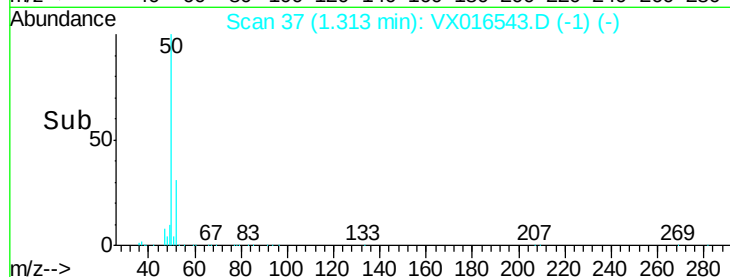
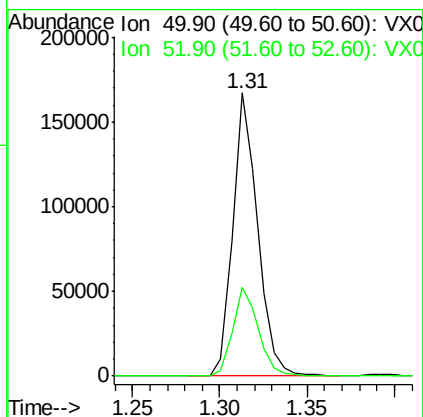
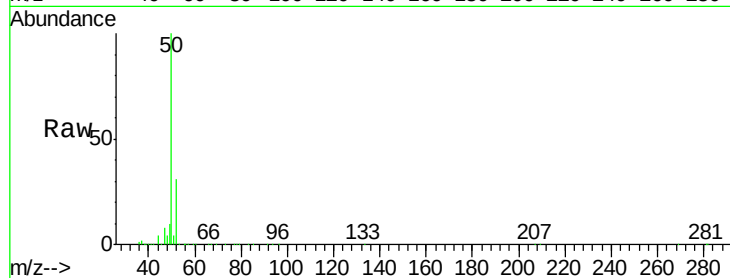
52 31.4 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



#4

Vinyl Chloride

Concen: 49.555 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016543.D

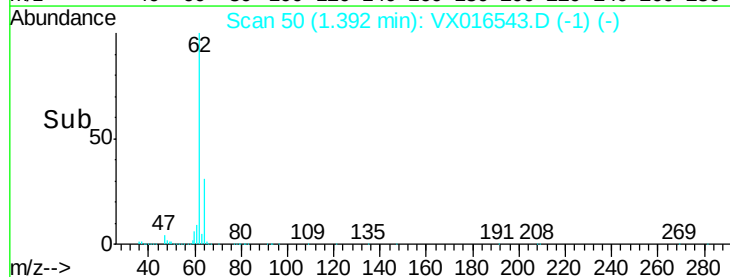
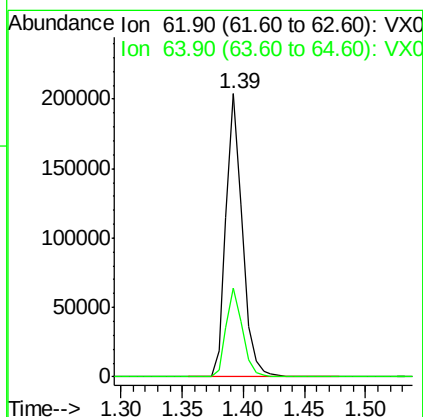
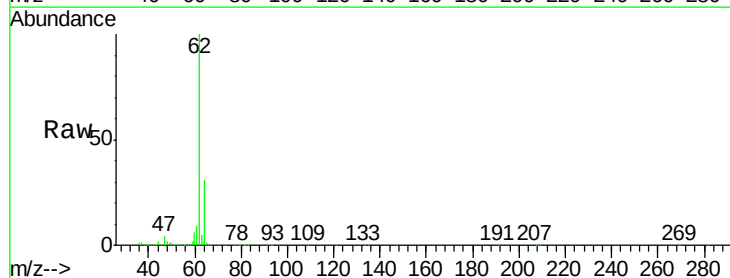
Acq: 01 Jun 2020 20:39

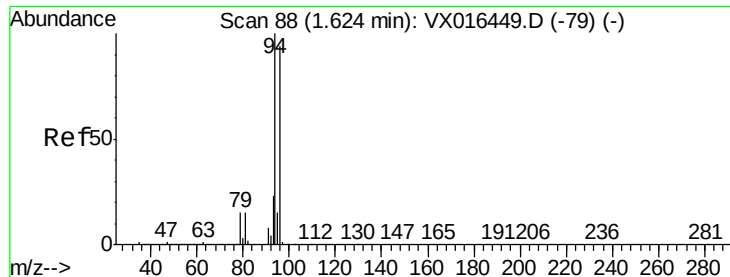
Tgt Ion: 62 Resp: 189834

Ion Ratio Lower Upper

62 100

64 31.3 25.9 38.9





#5

Bromomethane

Concen: 48.251 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 89873

Ion Ratio Lower Upper

94 100

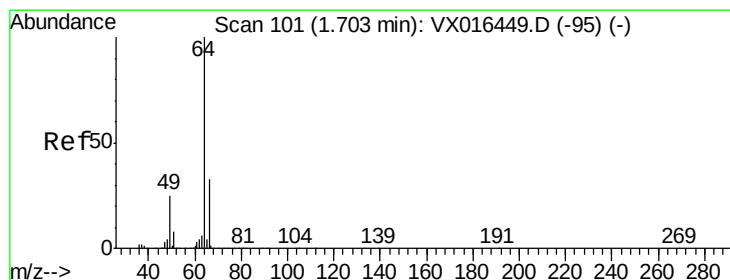
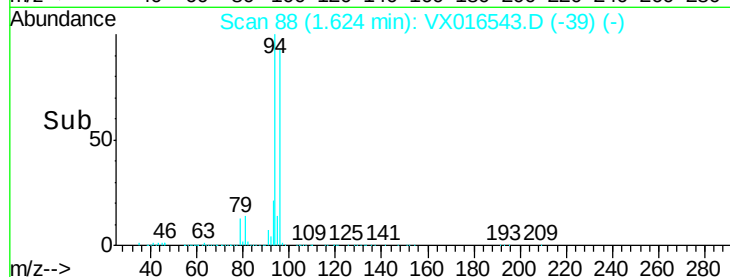
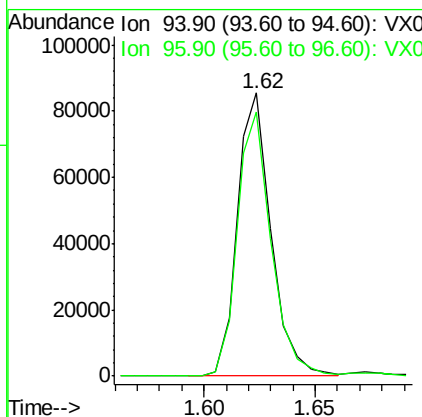
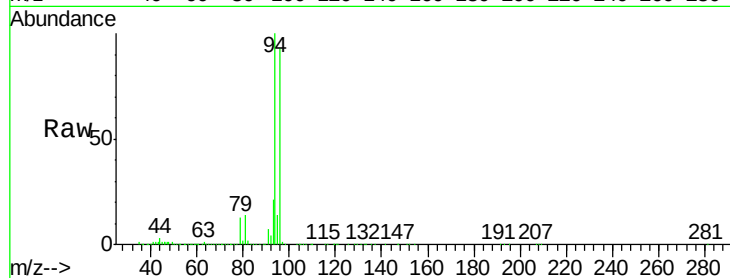
96 93.3 75.1 112.7

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



#6

Chloroethane

Concen: 52.301 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016543.D

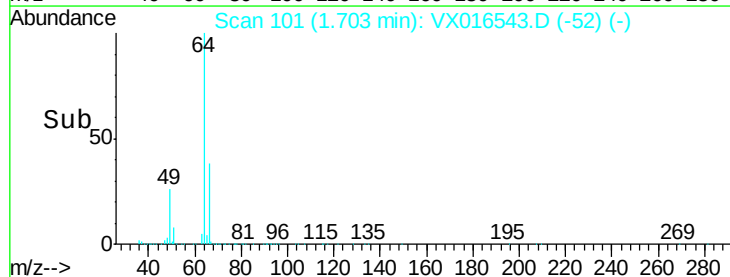
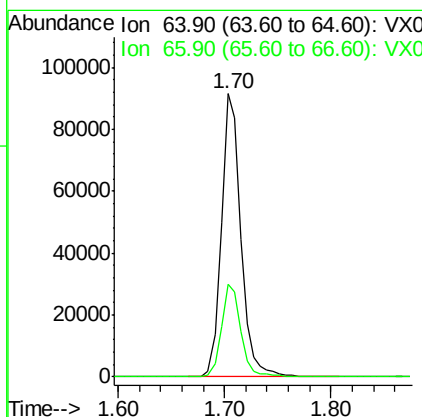
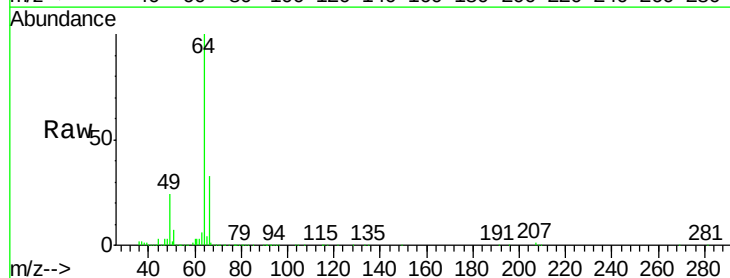
Acq: 01 Jun 2020 20:39

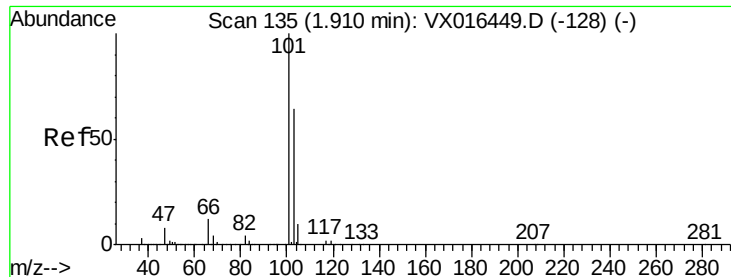
Tgt Ion: 64 Resp: 116872

Ion Ratio Lower Upper

64 100

66 33.0 26.7 40.1





#7

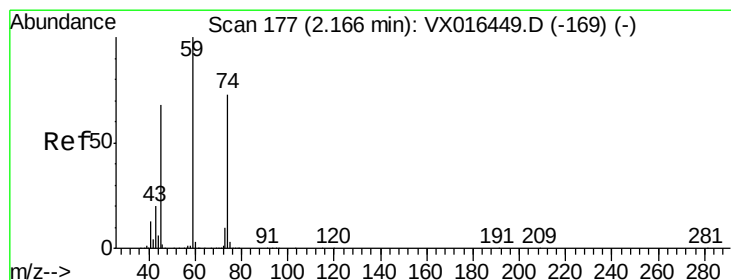
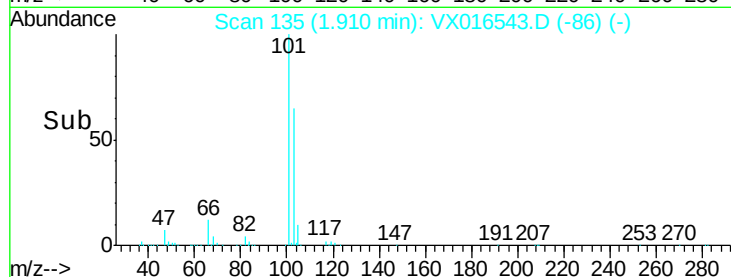
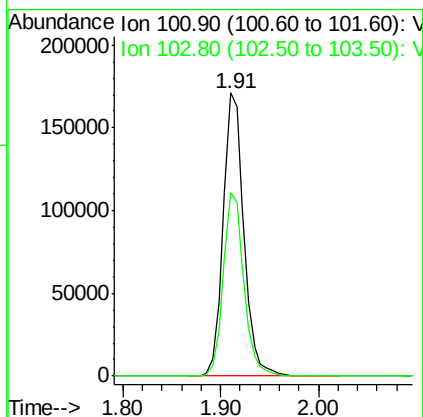
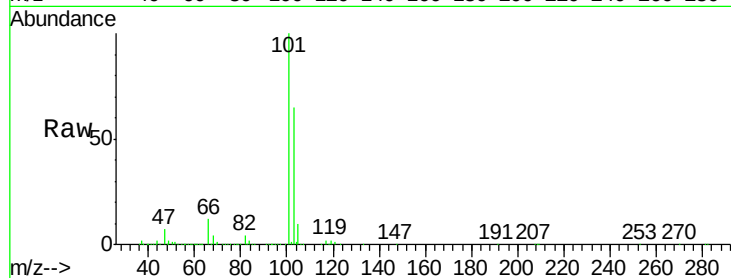
Trichlorofluoromethane
Concen: 49.832 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.9	76.3

Manual Integrations
APPROVED

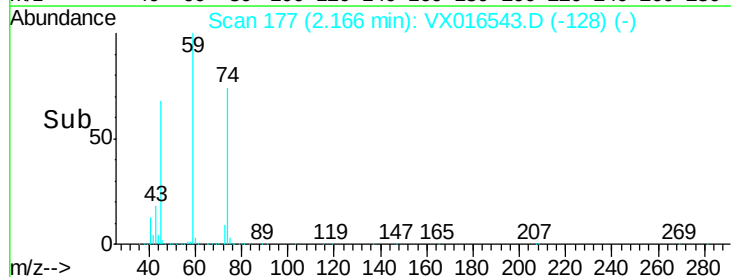
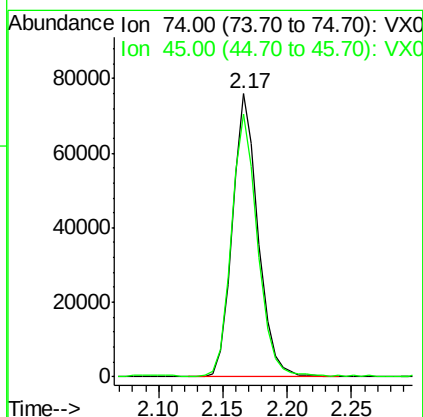
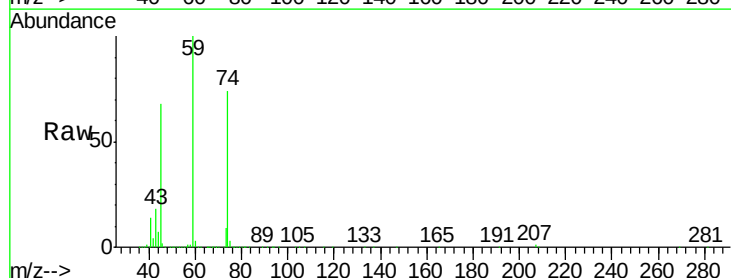
MMDadoda
6/2/2020 11:34:45 AM

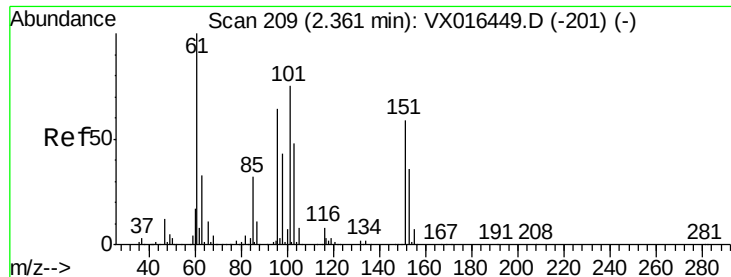


#8

Diethyl Ether
Concen: 50.202 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.9	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.290 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

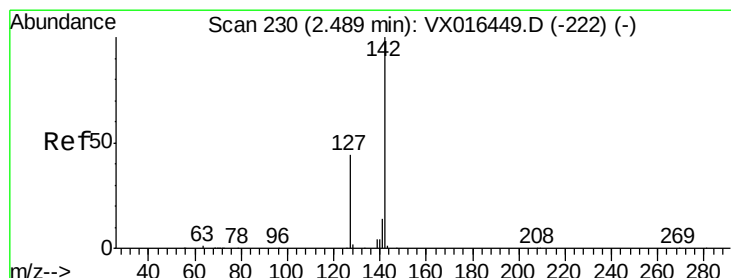
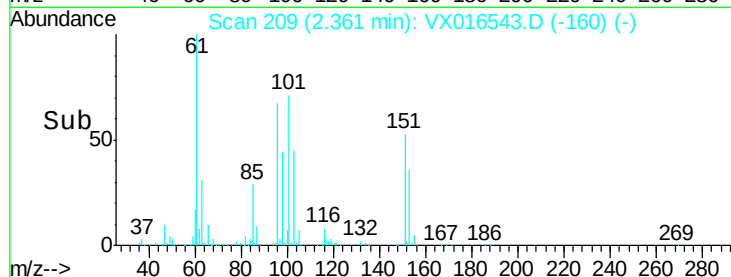
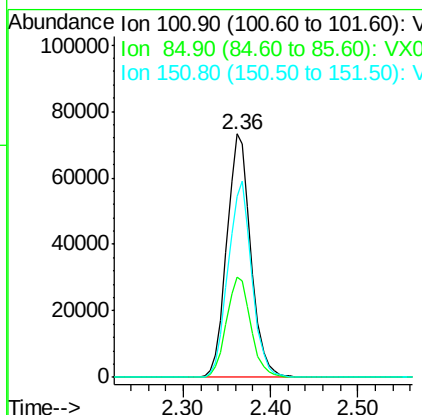
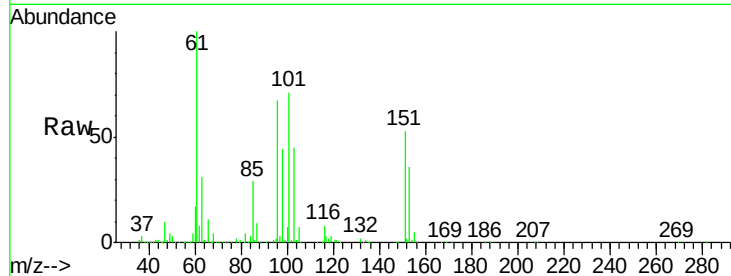
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	139245
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	79.8	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#10

Methyl Iodide

Concen: 39.419 ug/l

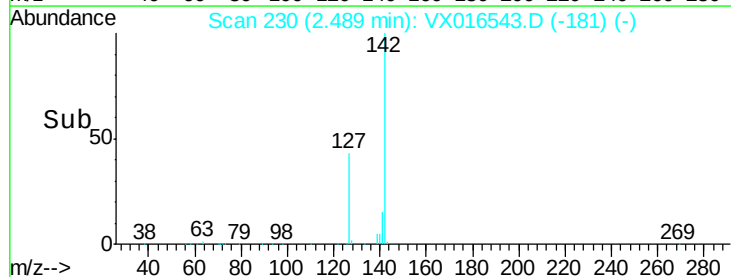
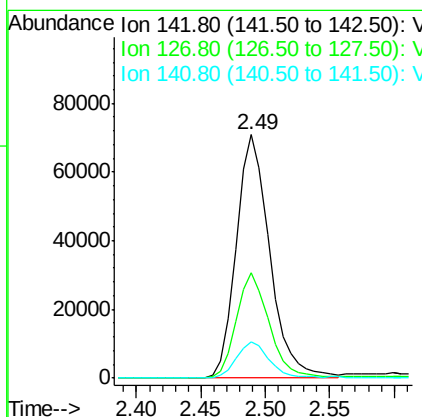
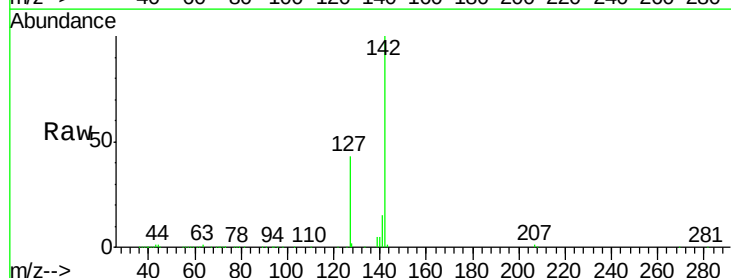
RT: 2.49 min Scan# 230

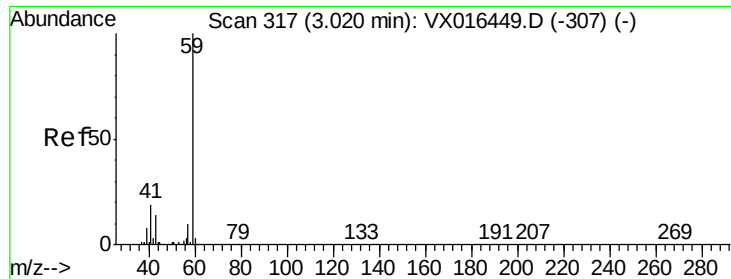
Delta R.T. 0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	142	Resp:	128122
Ion Ratio	Lower	Upper	
142	100		
127	43.1	35.3	52.9
141	14.6	11.4	17.2





#11

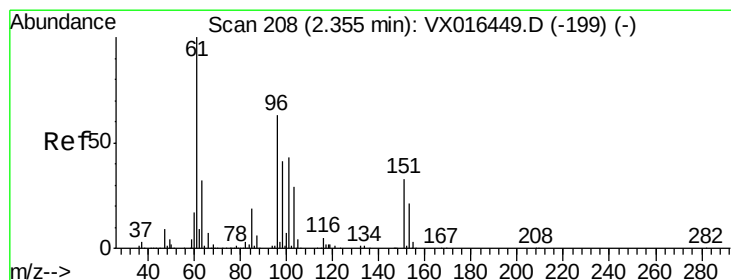
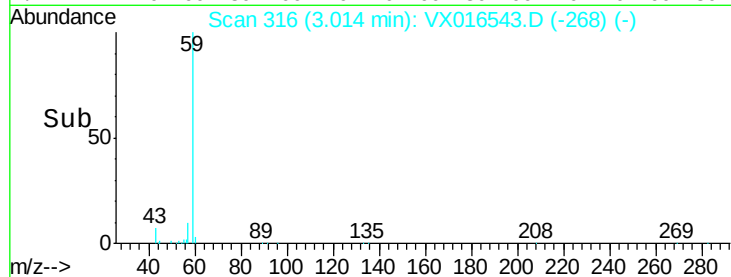
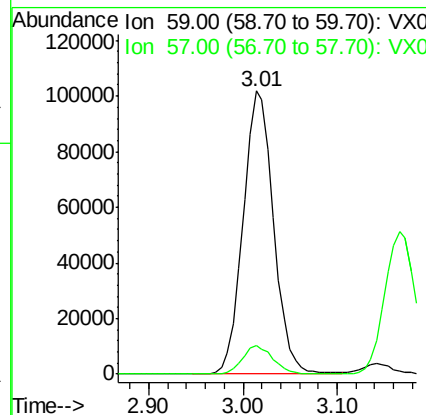
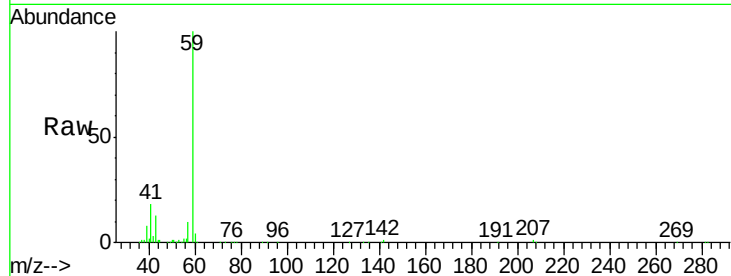
Tert butyl alcohol
 Concen: 236.968 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.4

Manual Integrations
 APPROVED

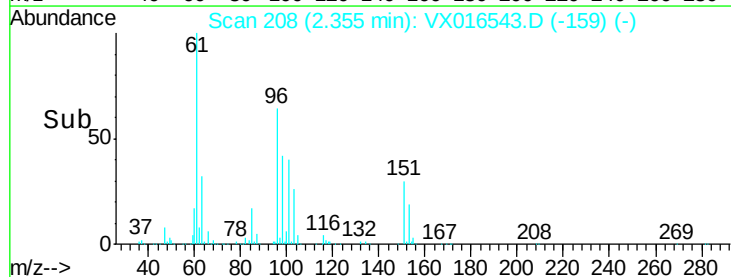
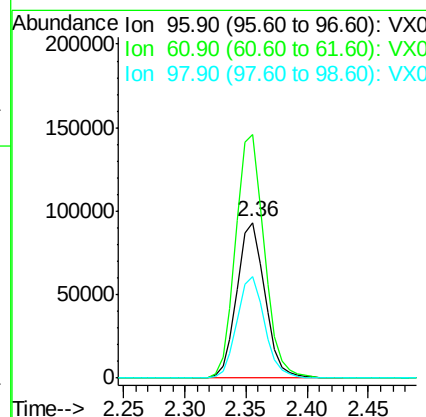
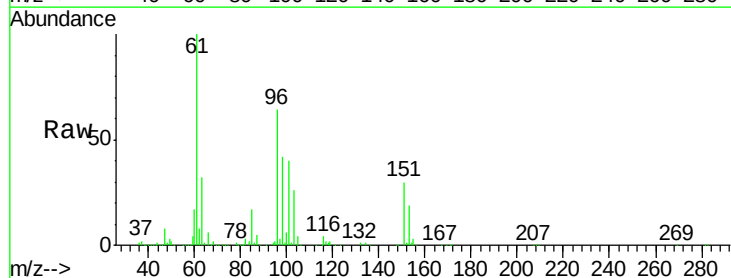
MMDadoda
 6/2/2020 11:34:45 AM

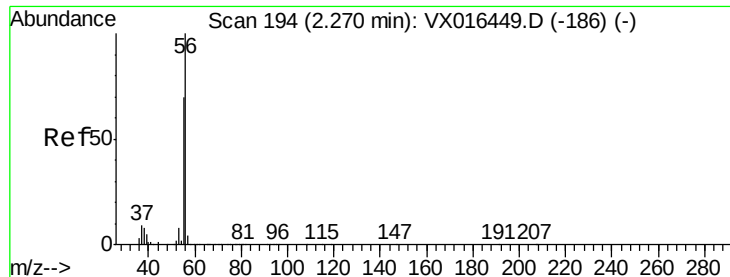


#12

1,1-Dichloroethene
 Concen: 50.091 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	126.6	189.8
98	65.4	51.3	76.9





#13

Acrolein

Concen: 296.956 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 122530

Ion Ratio Lower Upper

56 100

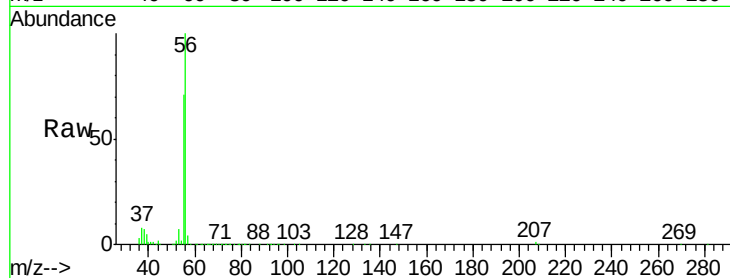
55 71.2 58.3 87.5

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

80000

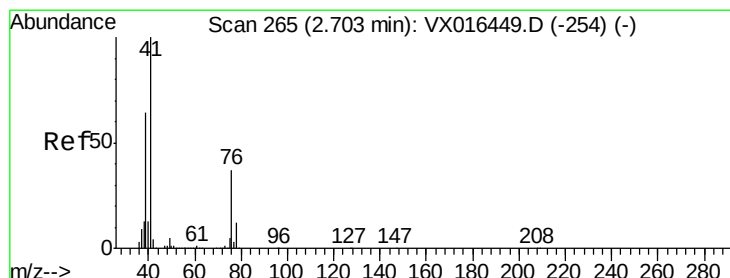
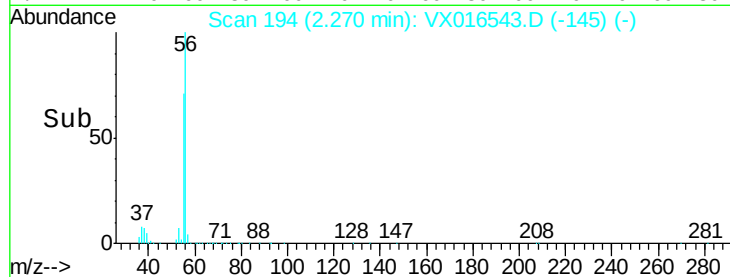
60000

40000

20000

0

Time-->



#14

Allyl chloride

Concen: 50.126 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

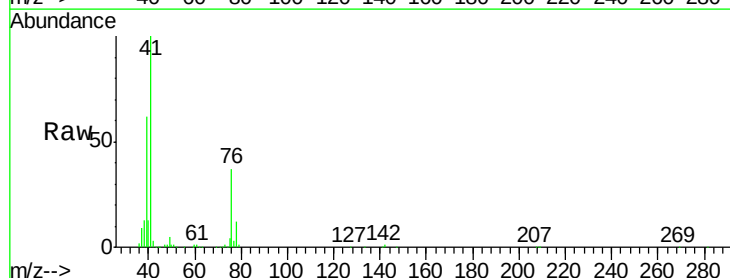
Tgt Ion: 41 Resp: 270177

Ion Ratio Lower Upper

41 100

39 57.8 47.7 71.5

76 34.3 26.6 40.0



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

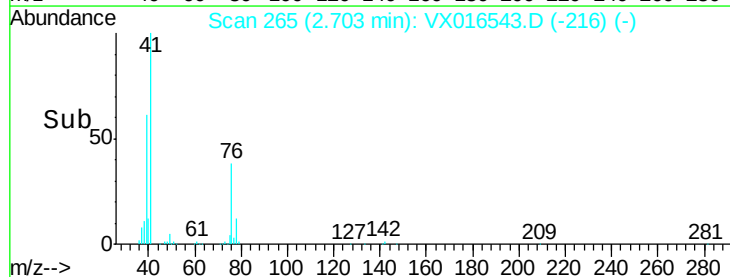
300000

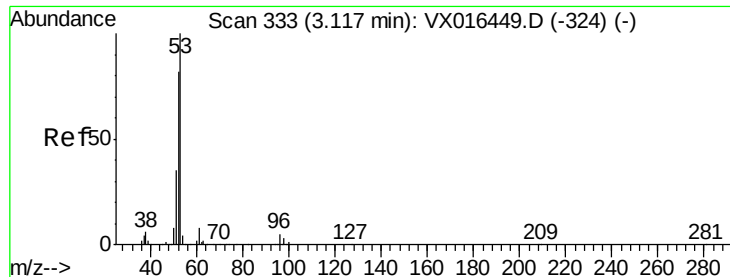
200000

100000

0

Time-->





#15

Acrylonitrile

Concen: 252.533 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

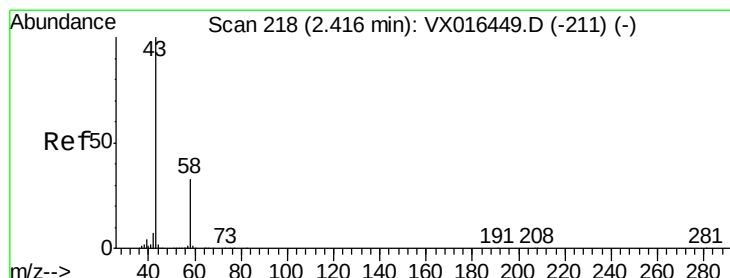
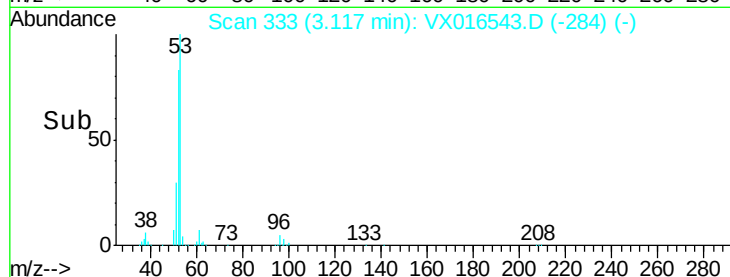
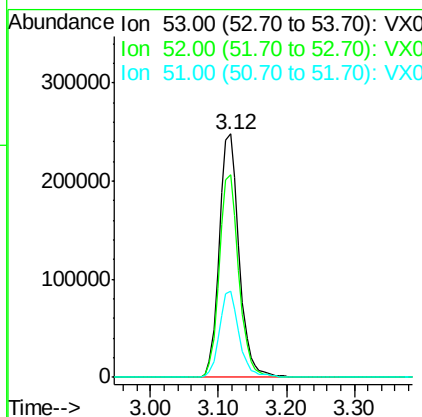
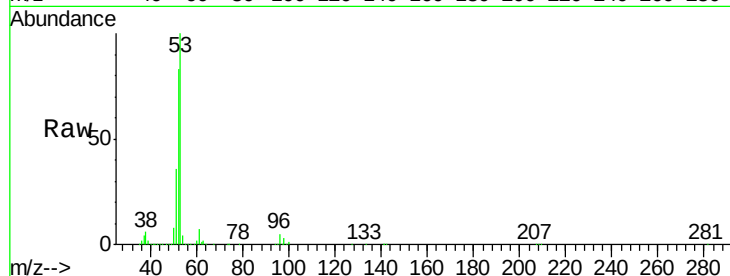
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	501772
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.7	100.1
51	35.1	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#16

Acetone

Concen: 247.904 ug/l

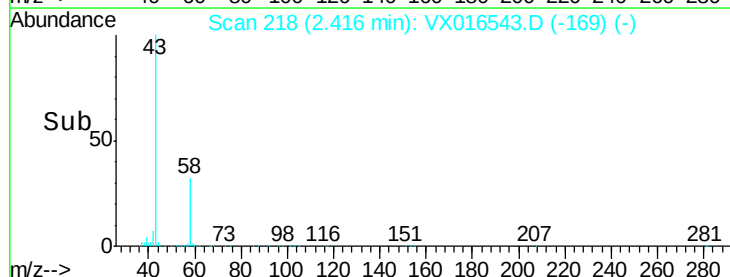
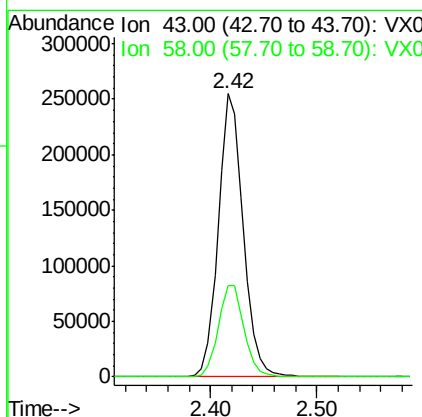
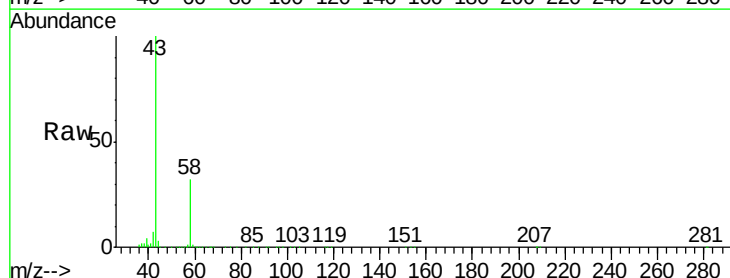
RT: 2.42 min Scan# 218

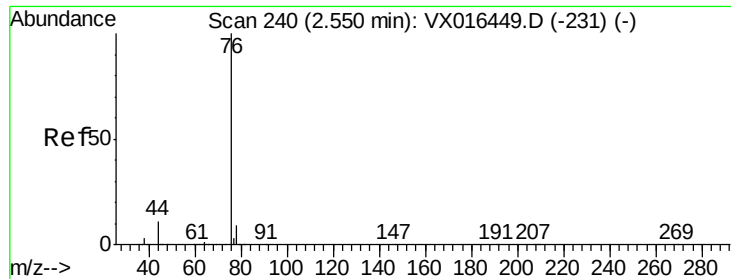
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	43	Resp:	410841
Ion	Ratio	Lower	Upper
43	100		
58	32.2	26.1	39.1





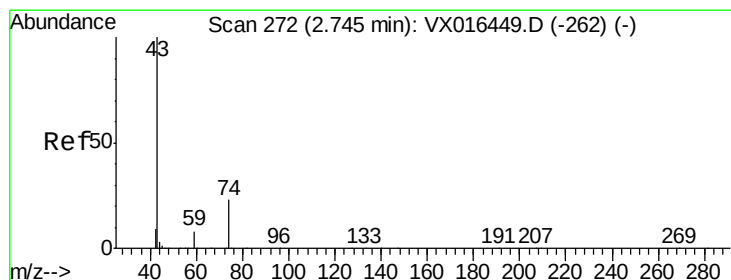
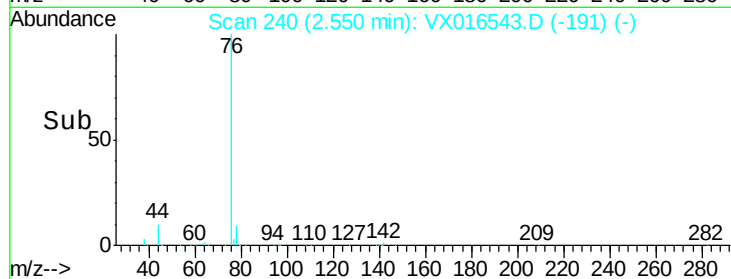
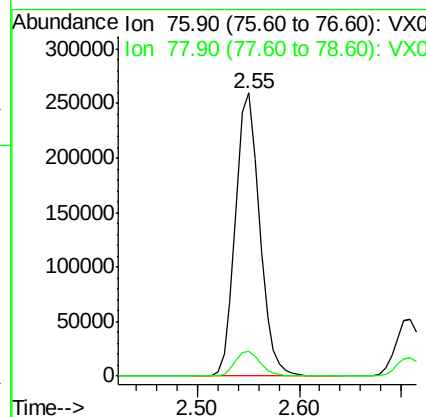
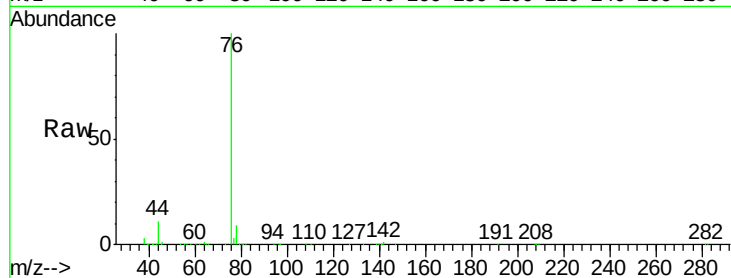
#17
Carbon Disulfide
Concen: 48.789 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0

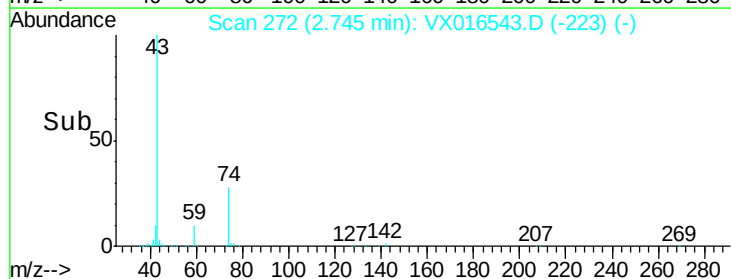
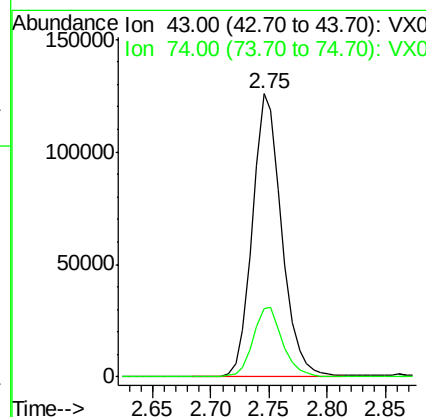
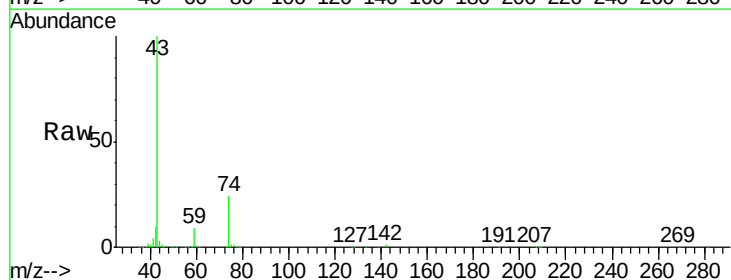
Manual Integrations
APPROVED

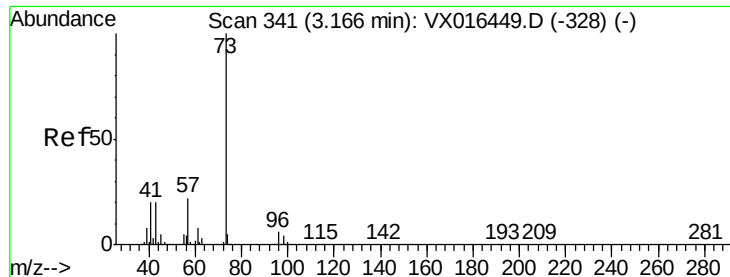
MMDadoda
6/2/2020 11:34:45 AM



#18
Methyl Acetate
Concen: 51.700 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.3	19.7	29.5





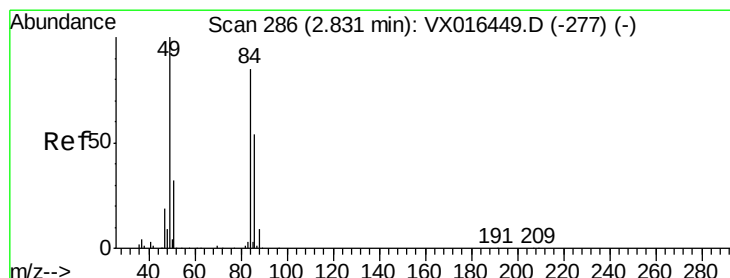
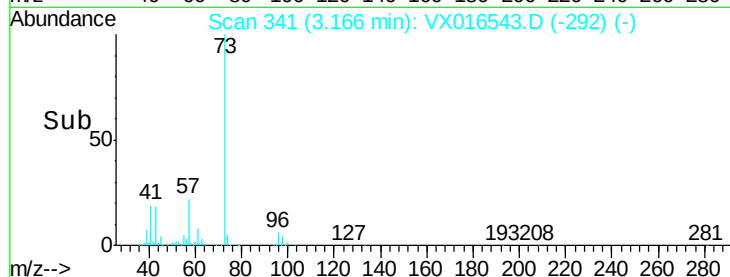
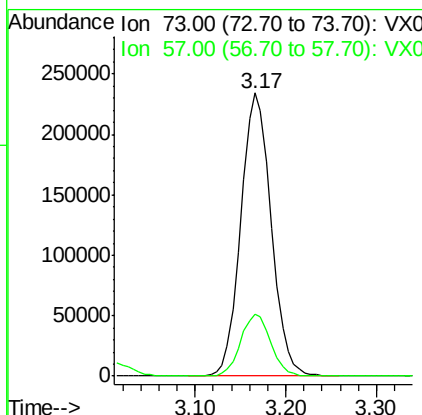
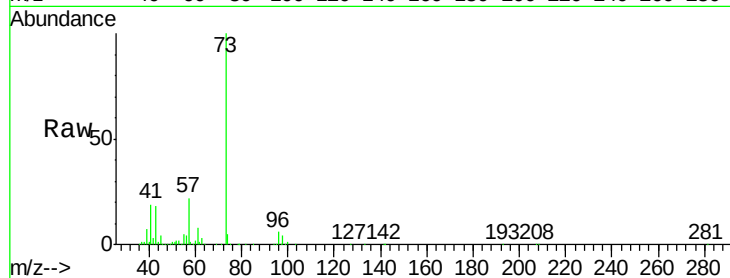
#19
Methyl tert-butyl Ether
Concen: 51.324 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.0	17.8	26.6

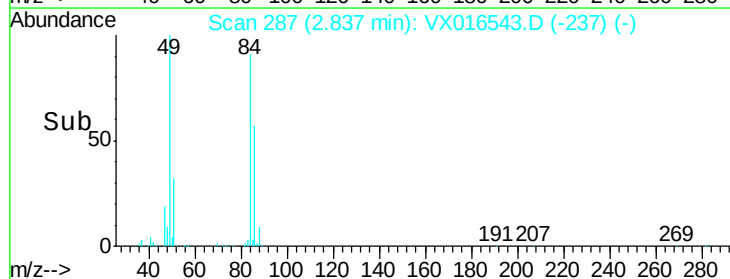
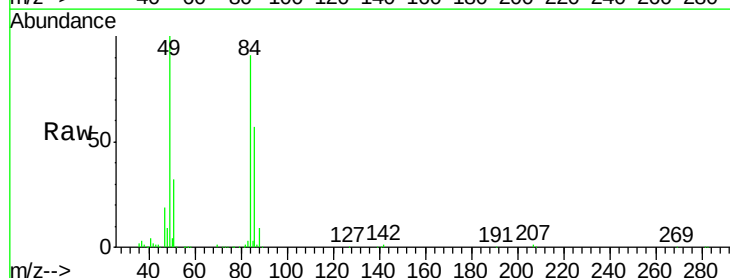
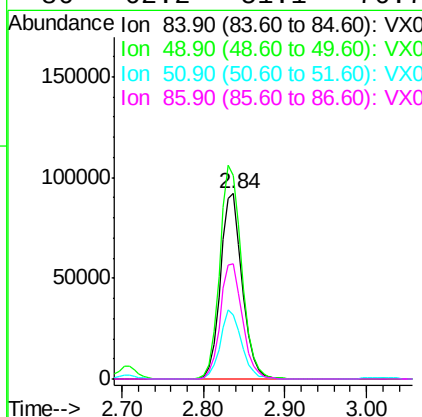
Manual Integrations
APPROVED

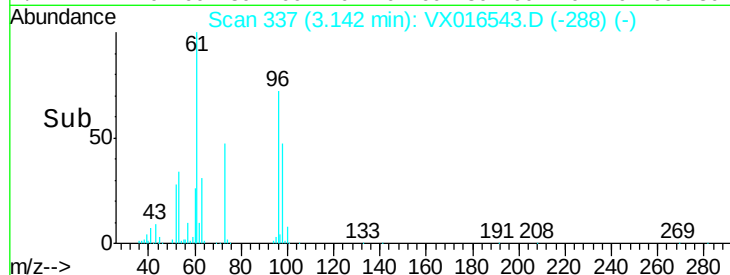
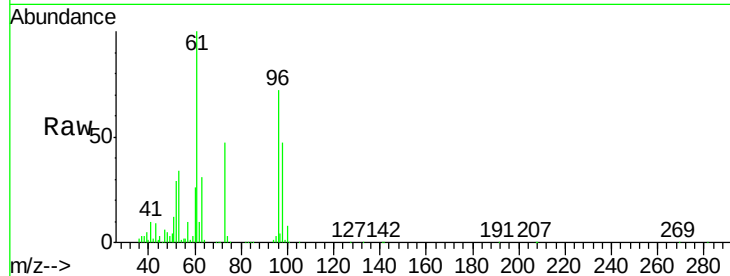
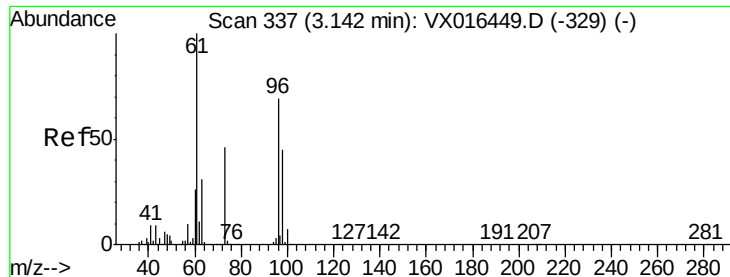
MMDadoda
6/2/2020 11:34:45 AM



#20
Methylene Chloride
Concen: 49.795 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.7	94.5	141.7
51	34.6	30.2	45.4
86	62.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 50.256 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016543.D

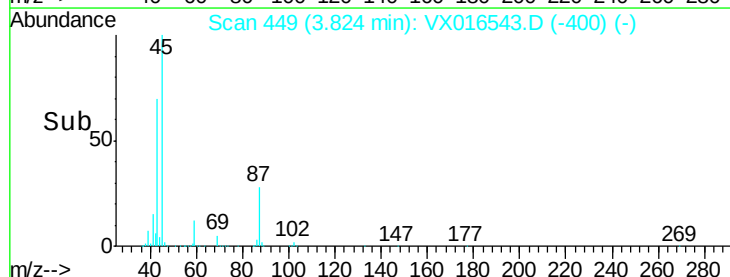
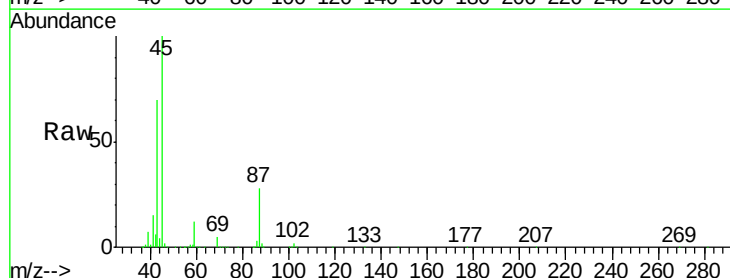
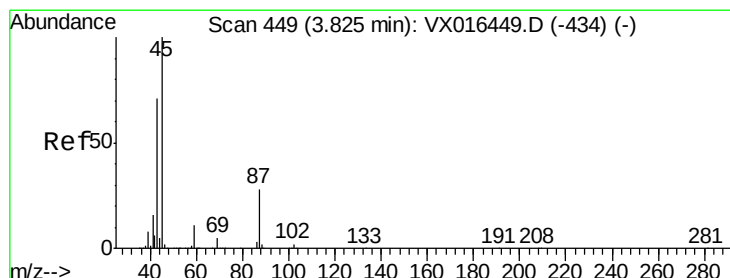
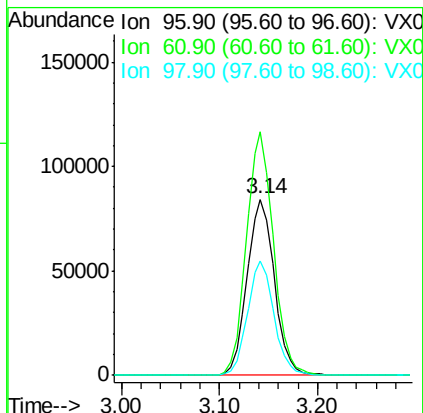
Acq: 01 Jun 2020 20:39

Tot Ion:	96	Resp:	162920
Ion Ratio	Lower	Upper	
96	100		
61	138.2	115.3	172.9
98	64.7	51.9	77.9

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#22

Diisopropyl ether

Concen: 50.333 ug/l

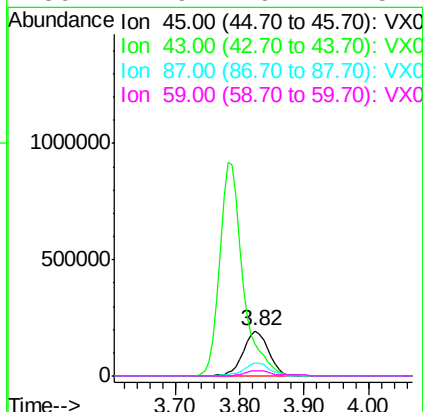
RT: 3.82 min Scan# 449

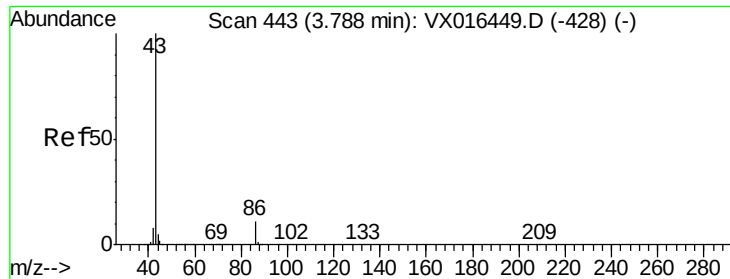
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	45	Resp:	521161
Ion Ratio	Lower	Upper	
45	100		
43	69.6	57.0	85.6
87	27.9	22.5	33.7
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 257.209 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2331126

Ion Ratio Lower Upper

43 100

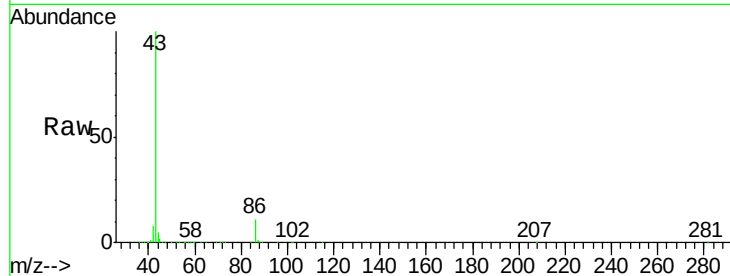
86 11.1 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

1000000

800000

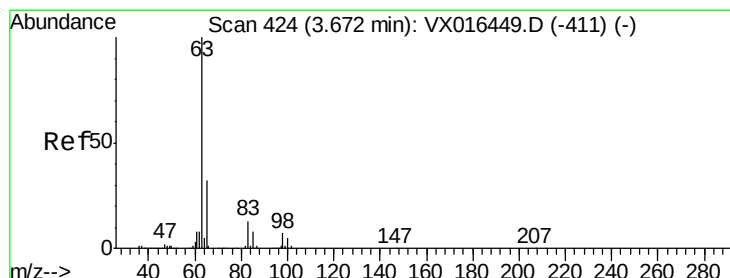
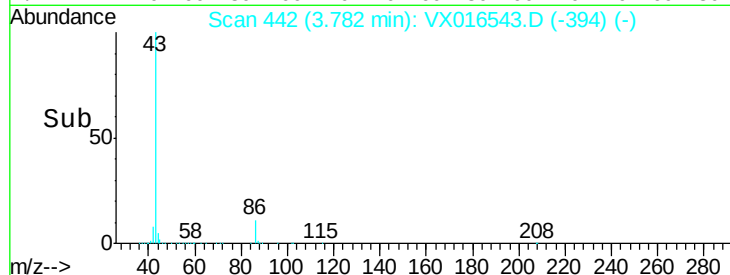
600000

400000

200000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.861 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

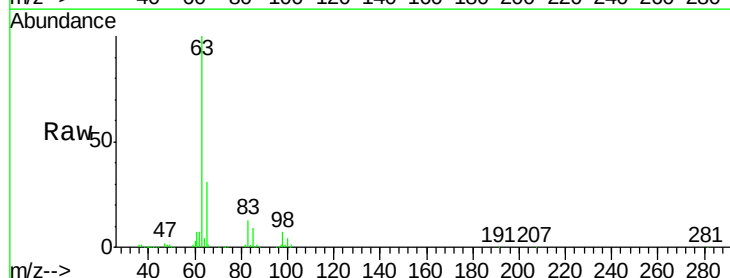
Tgt Ion: 63 Resp: 297240

Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.9

100 4.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

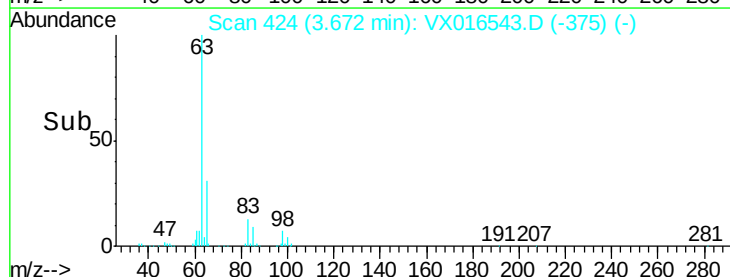
150000

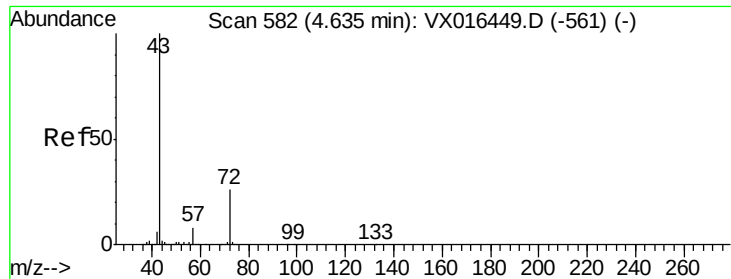
100000

50000

0

Time-->





#25

2-Butanone

Concen: 248.257 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 697145

Ion Ratio Lower Upper

43 100

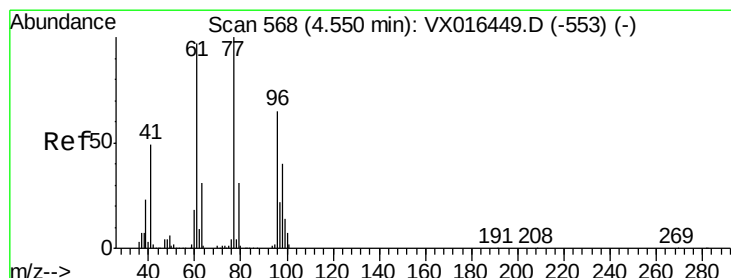
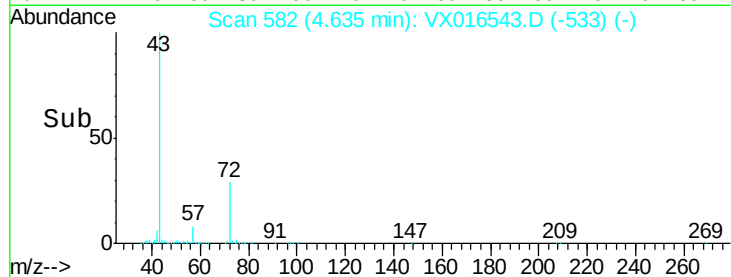
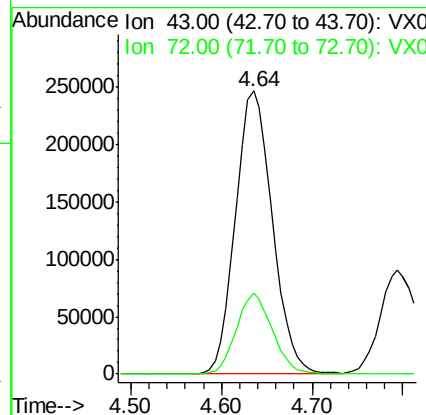
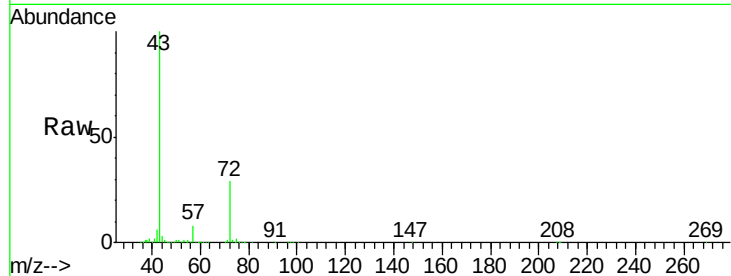
72 28.4 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



#26

2,2-Dichloropropane

Concen: 47.081 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016543.D

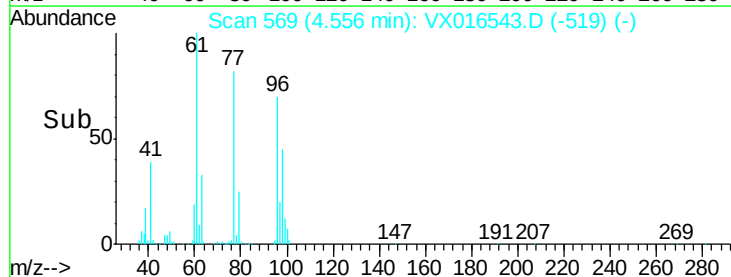
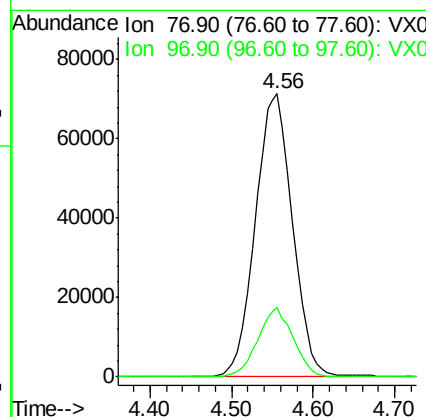
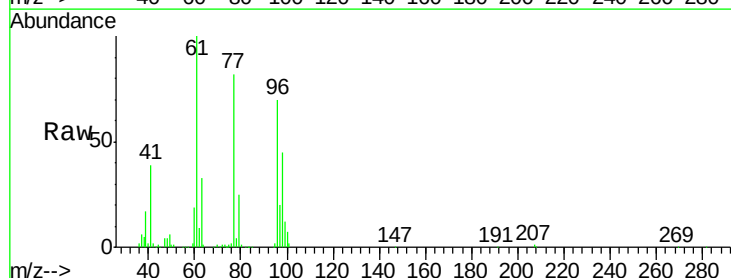
Acq: 01 Jun 2020 20:39

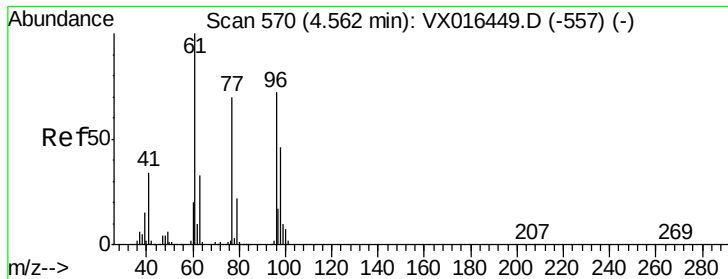
Tgt Ion: 77 Resp: 225146

Ion Ratio Lower Upper

77 100

97 23.4 11.5 34.4





#27

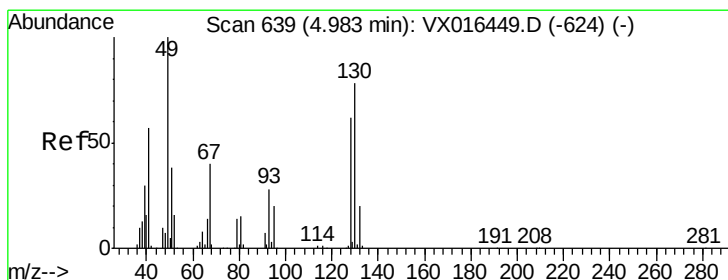
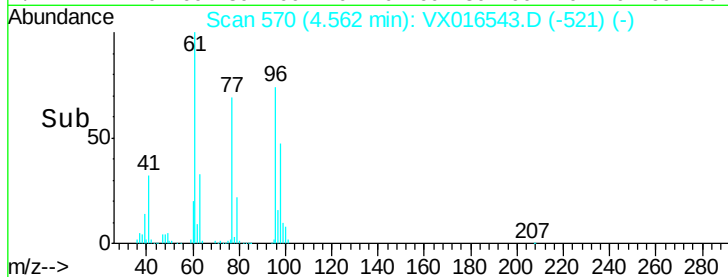
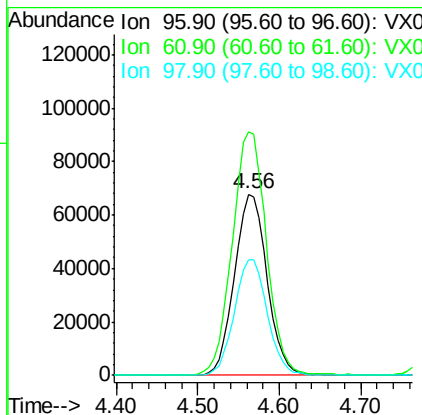
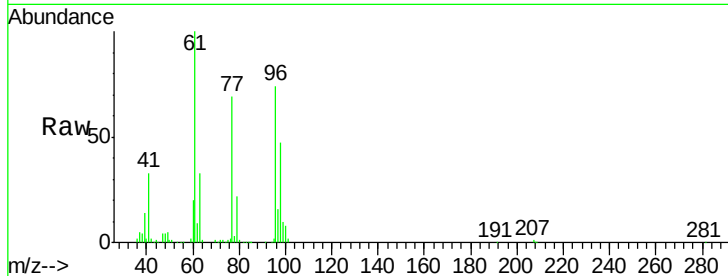
cis-1,2-Dichloroethene
Concen: 49.930 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	187258		
61	141.8	0.0	284.6	
98	64.5	0.0	127.2	

Manual Integrations
APPROVED

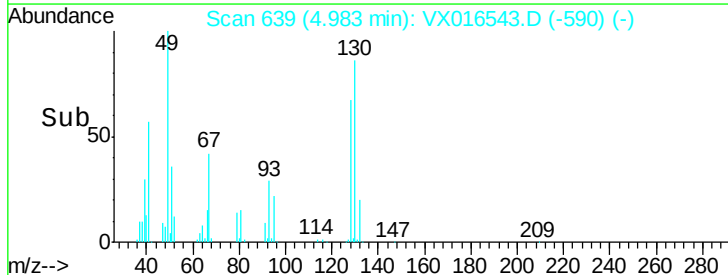
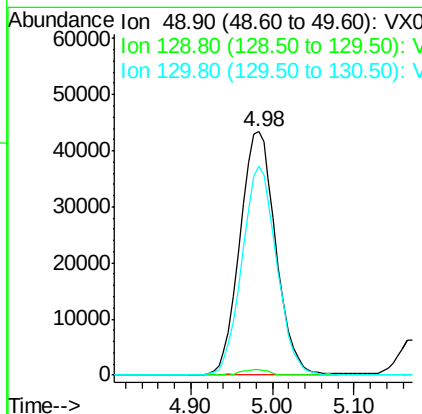
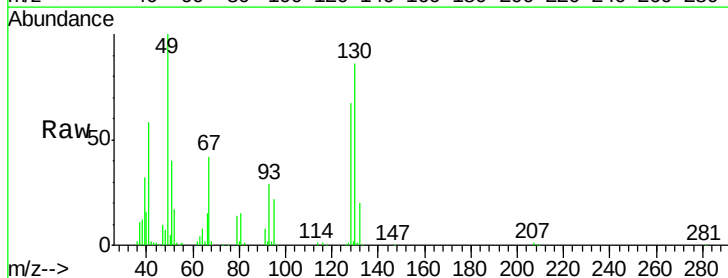
MMDadoda
6/2/2020 11:34:45 AM

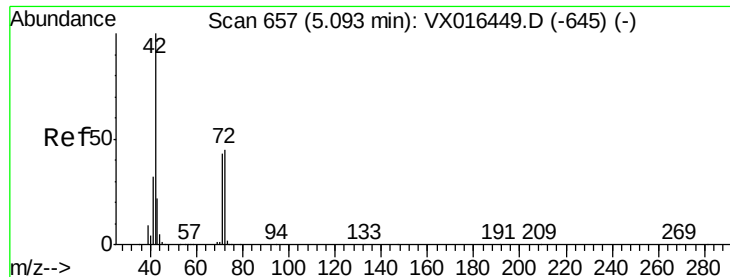


#28

Bromochloromethane
Concen: 48.920 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132857		
129	1.8	0.0	4.0	
130	82.8	63.0	94.4	





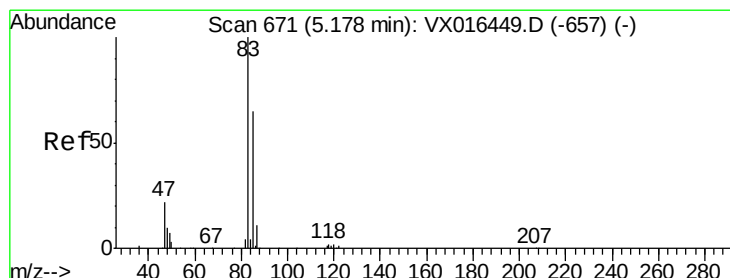
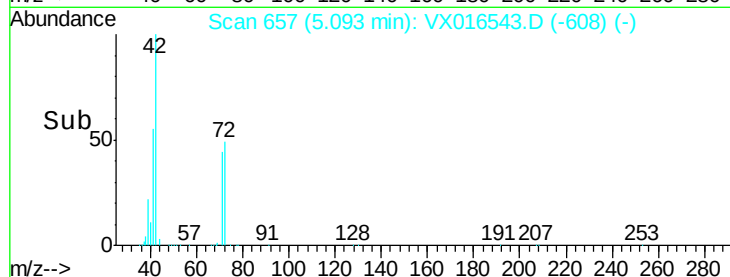
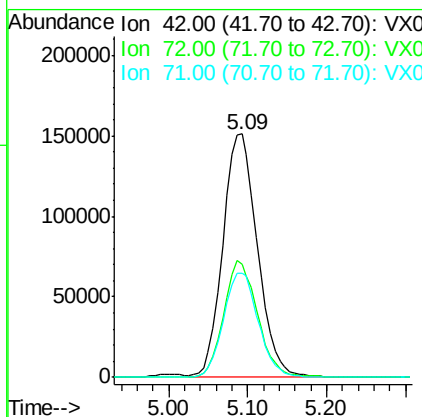
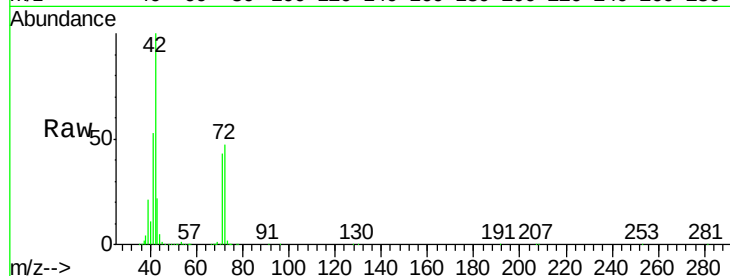
#29
Tetrahydrofuran
Concen: 252.916 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.0	55.4
71	43.7	34.1	51.1

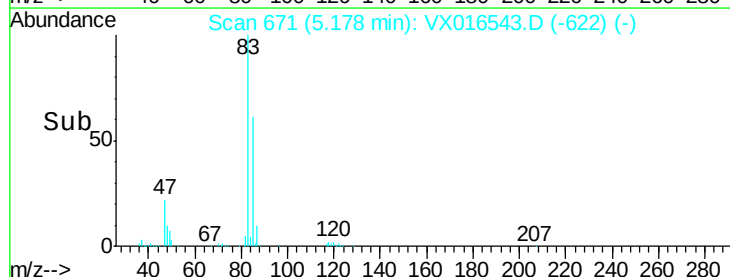
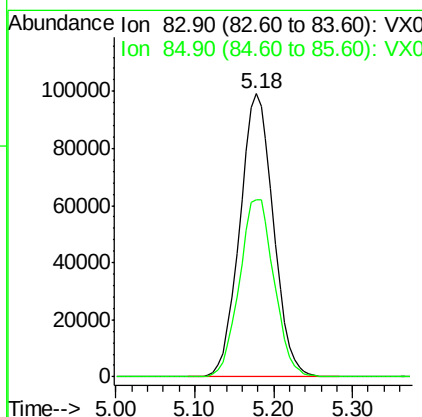
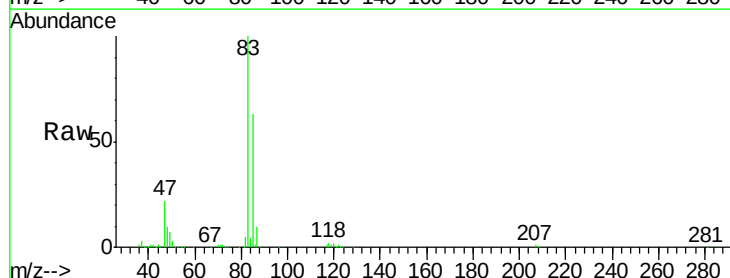
Manual Integrations
APPROVED

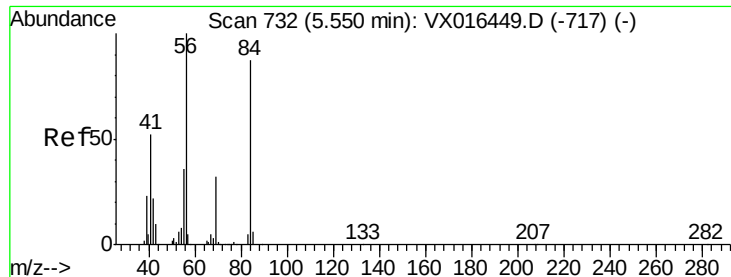
MMDadoda
6/2/2020 11:34:45 AM



#30
Chloroform
Concen: 49.864 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	52.0	78.0





#31

Cyclohexane

Concen: 47.416 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

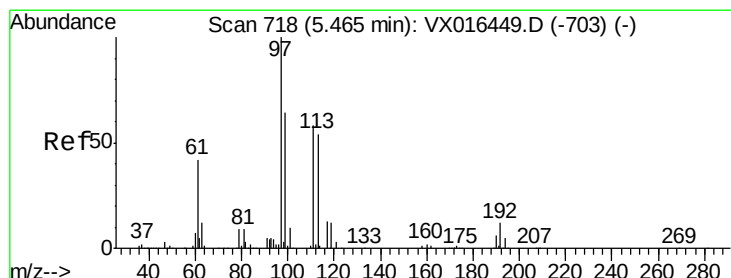
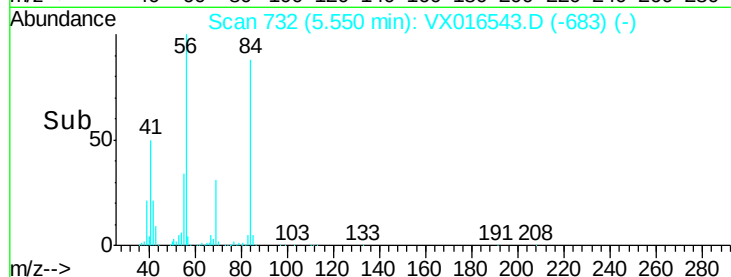
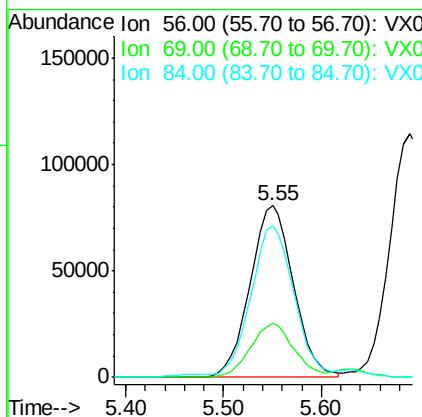
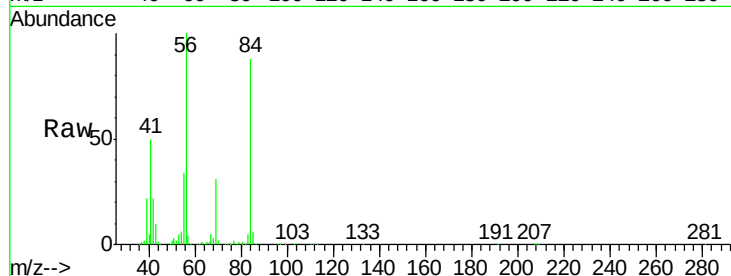
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	249293
Ion	Ratio	Lower	Upper
56	100		
69	31.4	25.7	38.5
84	86.2	70.0	105.0

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#32

1,1,1-Trichloroethane

Concen: 48.662 ug/l

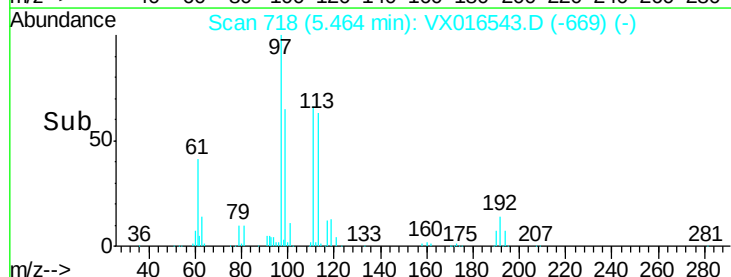
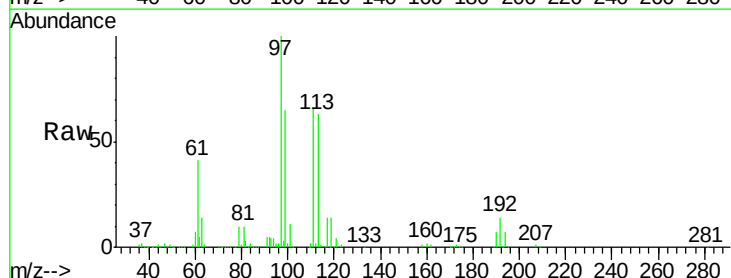
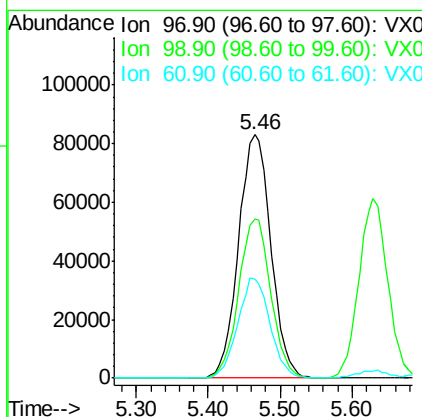
RT: 5.46 min Scan# 718

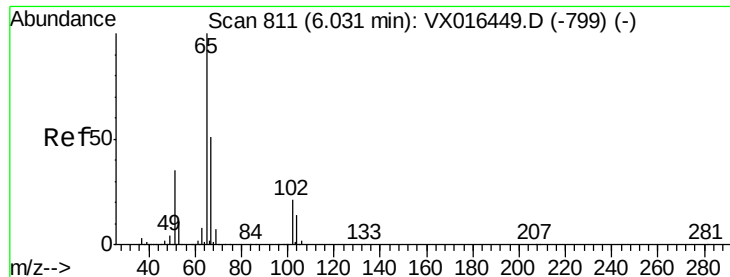
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	97	Resp:	259424
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.2
61	40.8	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 49.265 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 186351

Ion Ratio Lower Upper

65 100

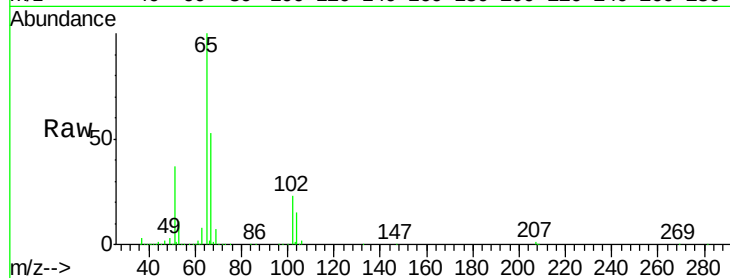
67 52.9 0.0 104.8

Manual Integrations

APPROVED

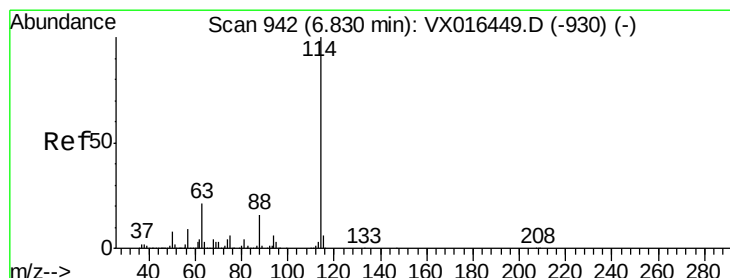
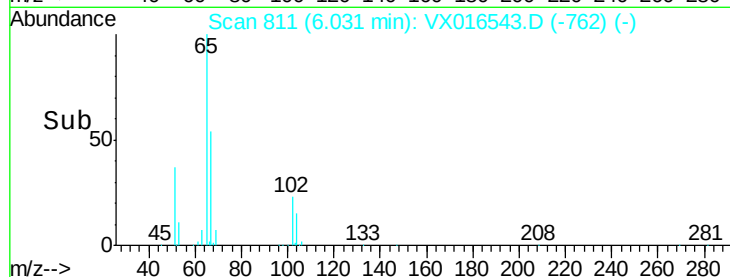
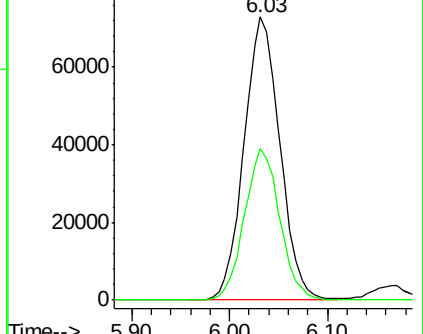
MMDadoda

6/2/2020 11:34:45 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

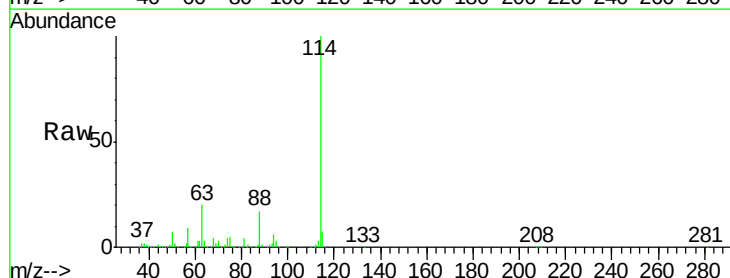
Tgt Ion: 114 Resp: 493664

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

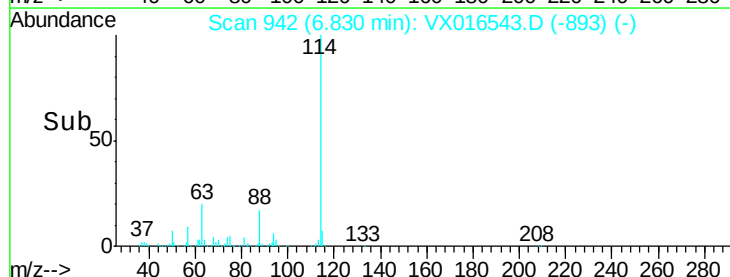
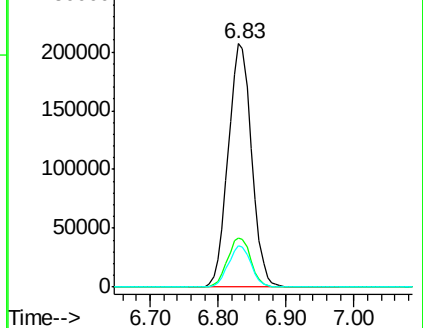
88 16.8 0.0 32.8

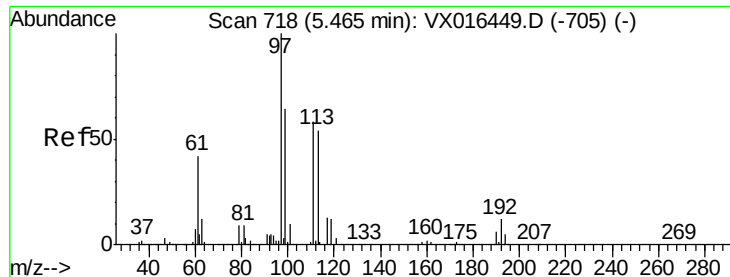


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





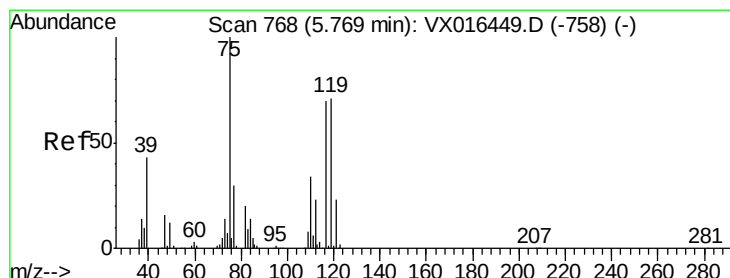
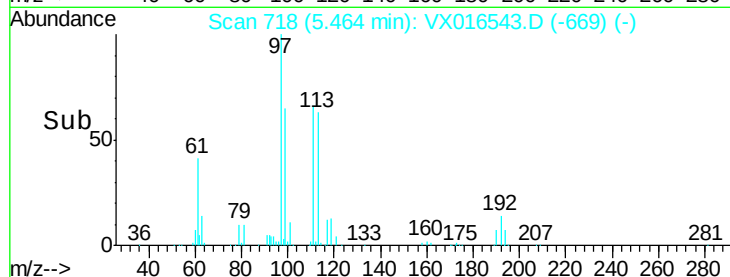
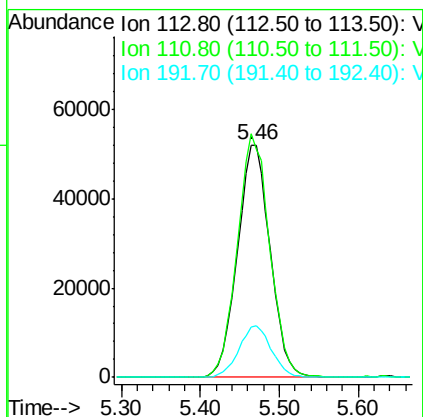
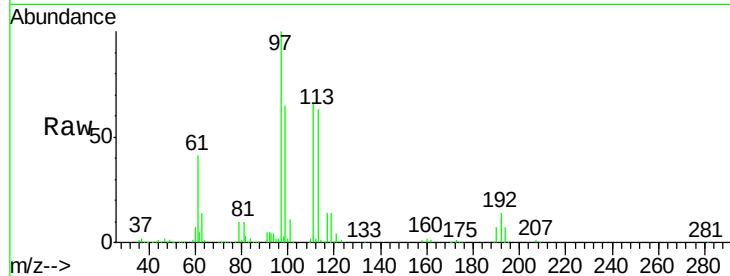
#35
Dibromofluoromethane
Concen: 49.290 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	149827		
111	103.7	83.0	124.6	
192	22.1	17.7	26.5	

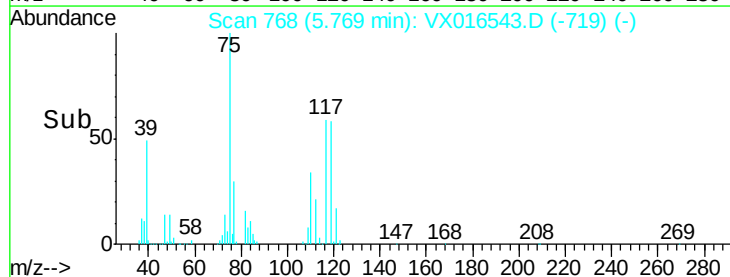
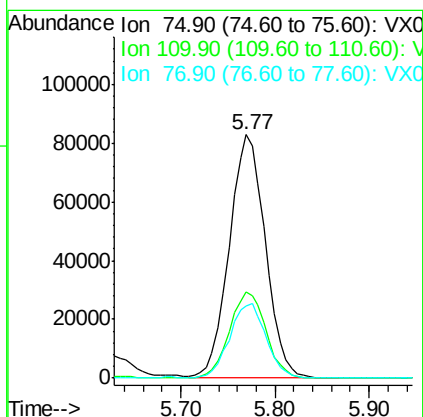
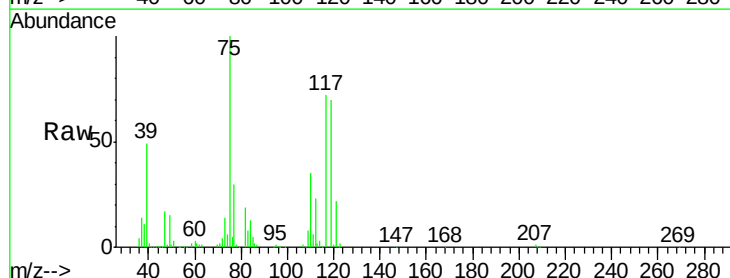
Manual Integrations
APPROVED

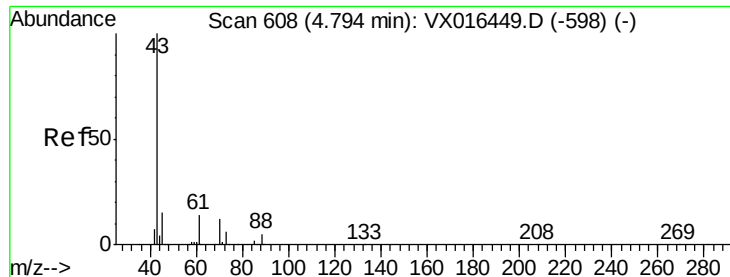
MMDadoda
6/2/2020 11:34:45 AM



#36
1,1-Dichloropropene
Concen: 47.097 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	220136		
110	35.8	17.4	52.3	
77	31.3	24.2	36.4	





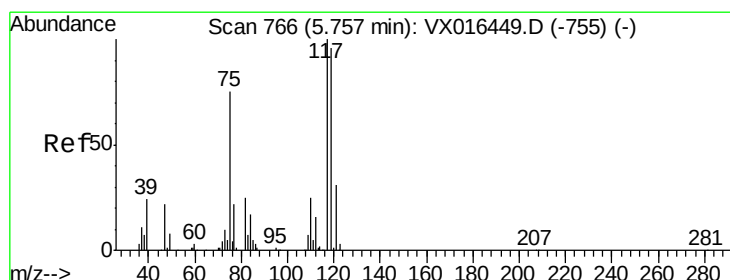
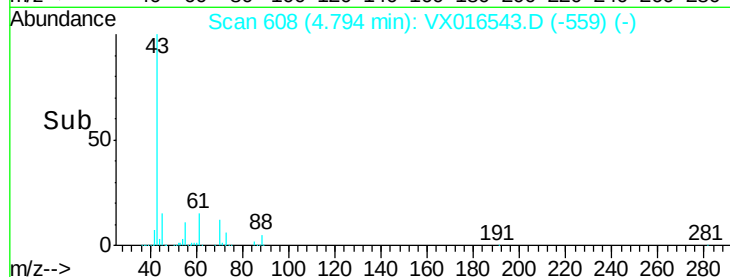
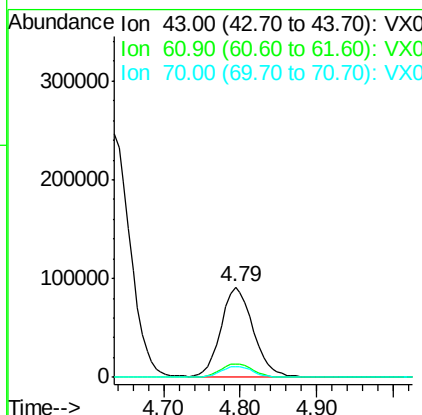
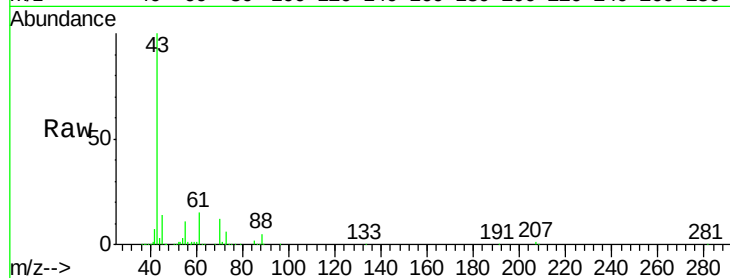
#37
Ethyl Acetate
Concen: 47.182 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion:	43	Resp:	264769
Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	12.3	9.3	13.9

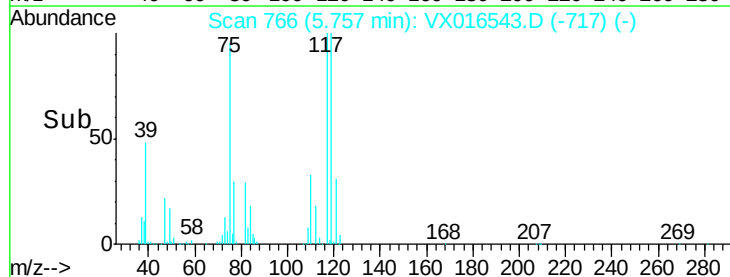
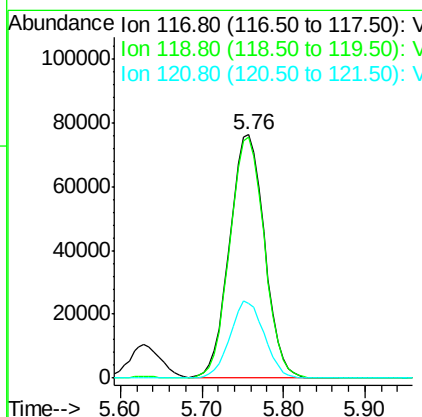
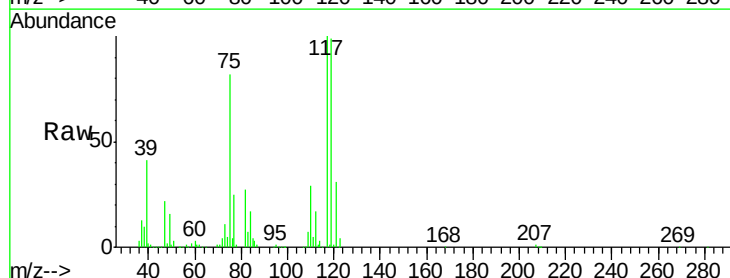
Manual Integrations
APPROVED

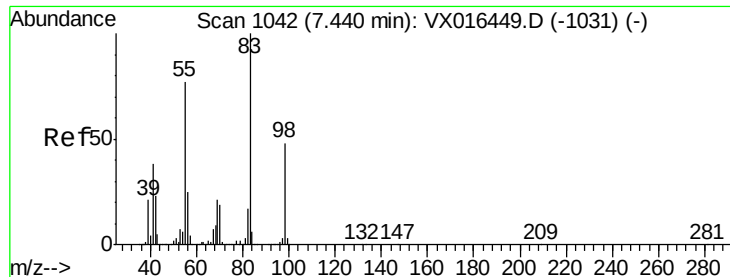
MMDadoda
6/2/2020 11:34:45 AM



#38
Carbon Tetrachloride
Concen: 45.954 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion:	117	Resp:	225726
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.3	114.5
121	30.9	24.6	37.0





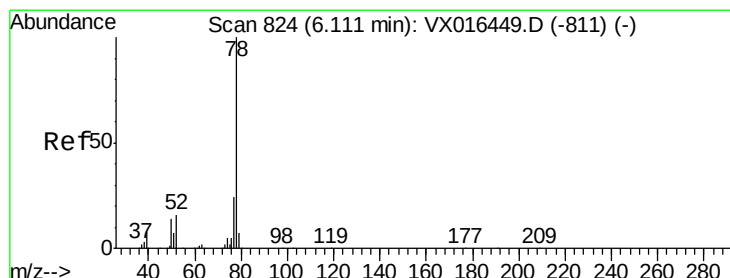
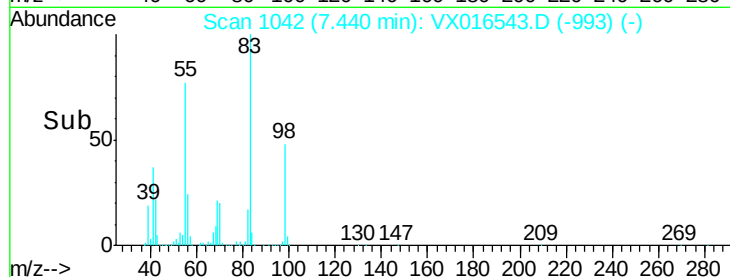
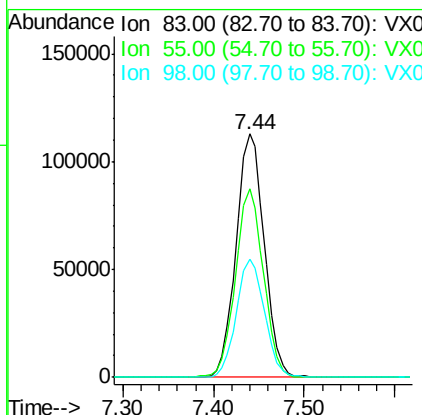
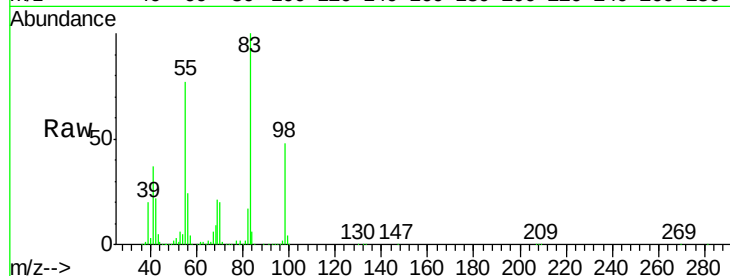
#39
Methylvlcyclohexane
Concen: 47.984 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.1	61.7	92.5
98	48.3	38.7	58.1

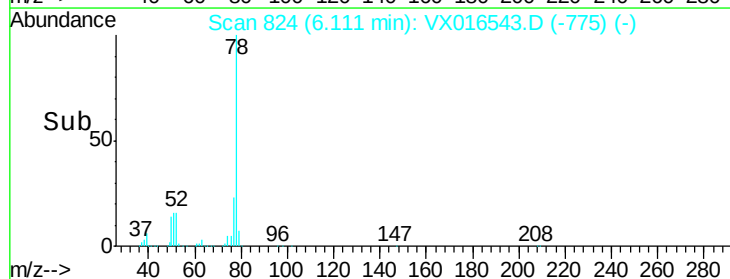
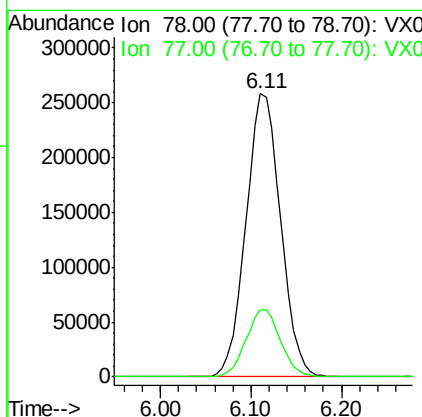
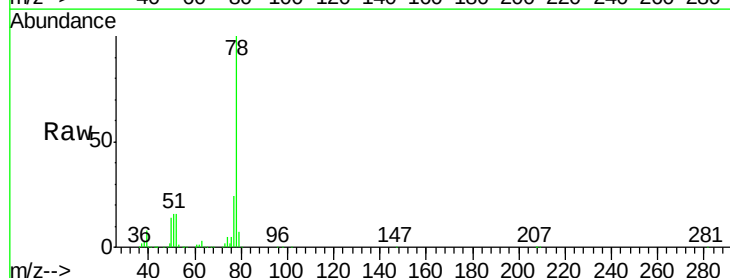
Manual Integrations
APPROVED

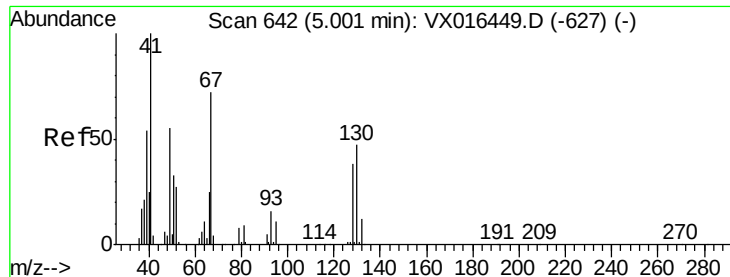
MMDadoda
6/2/2020 11:34:45 AM



#40
Benzene
Concen: 49.096 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.9	28.3





#41

Methacrylonitrile

Concen: 46.659 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

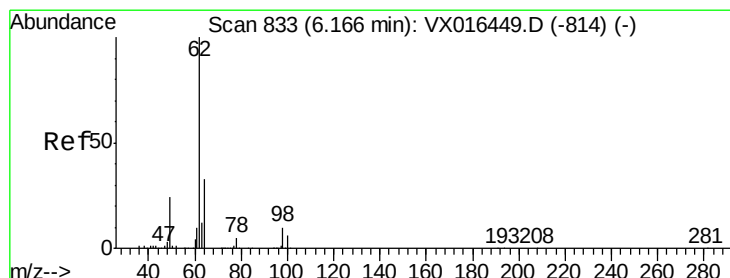
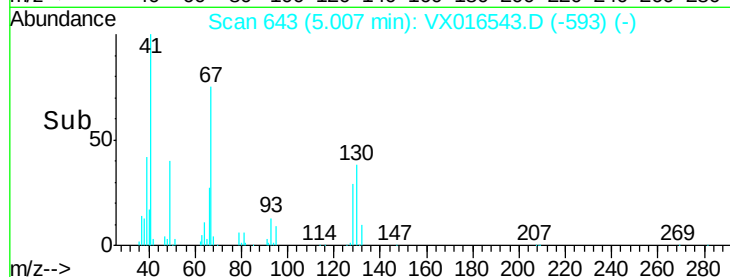
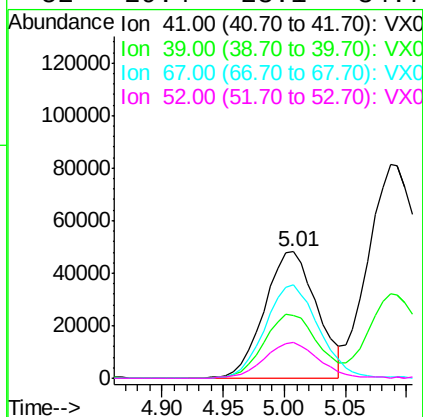
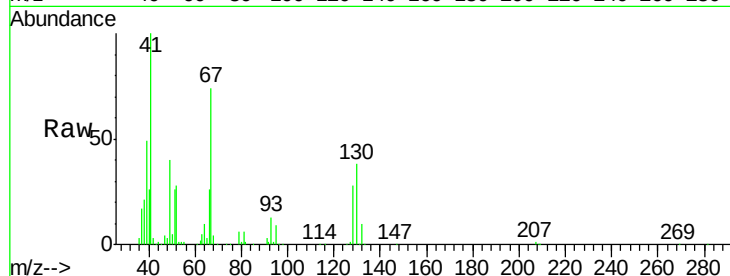
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.1	43.0	64.4	
67	75.6	58.9	88.3	
52	29.4	23.1	34.7	

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#42

1,2-Dichloroethane

Concen: 46.580 ug/l

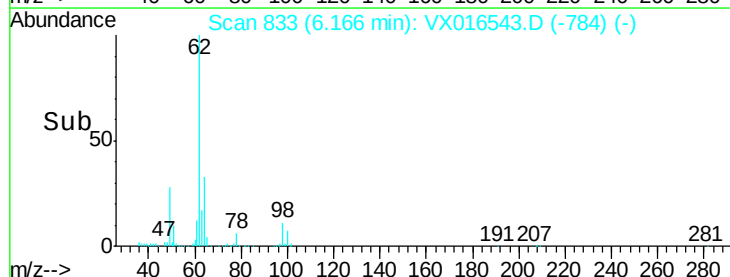
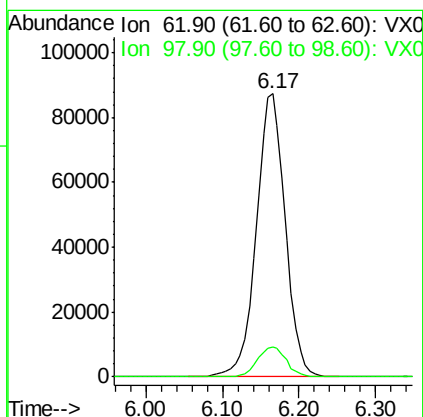
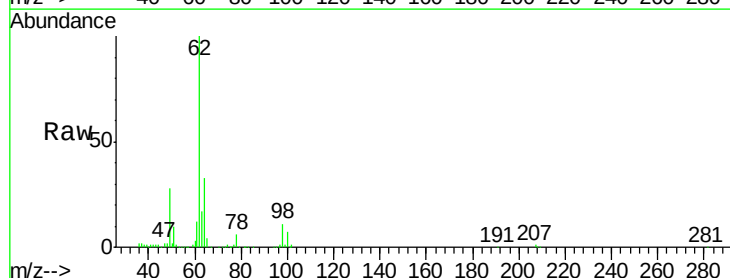
RT: 6.17 min Scan# 833

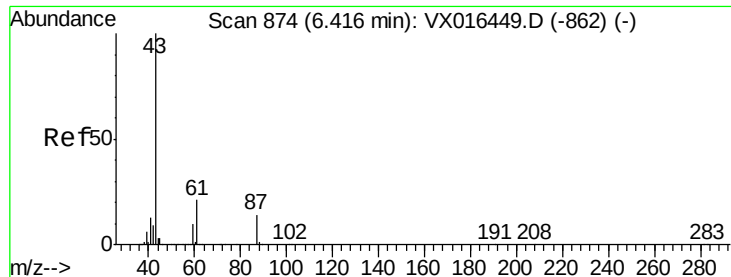
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.6	0.0	19.8	





#43

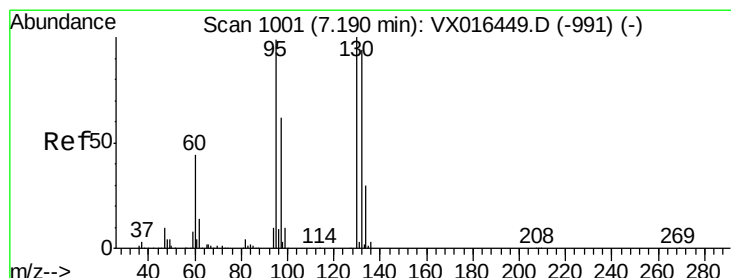
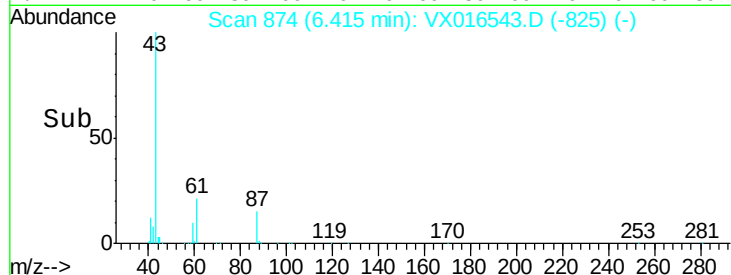
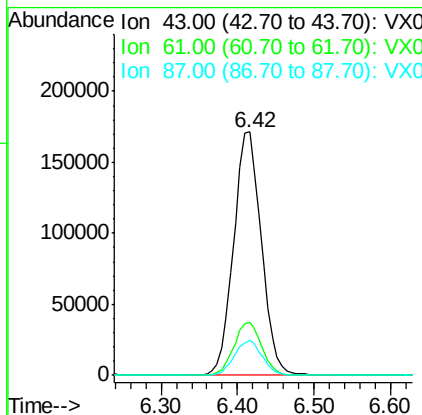
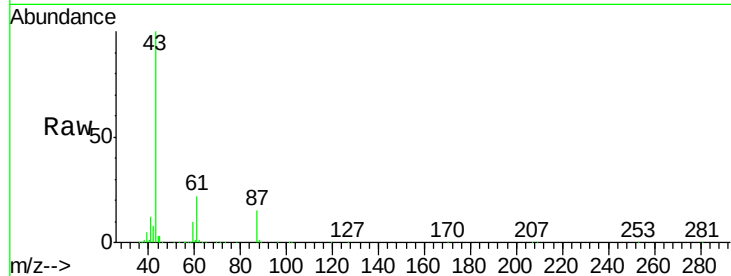
Isopropyl Acetate
 Concen: 49.041 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.8	25.2
87	14.4	11.2	16.8

Manual Integrations
 APPROVED

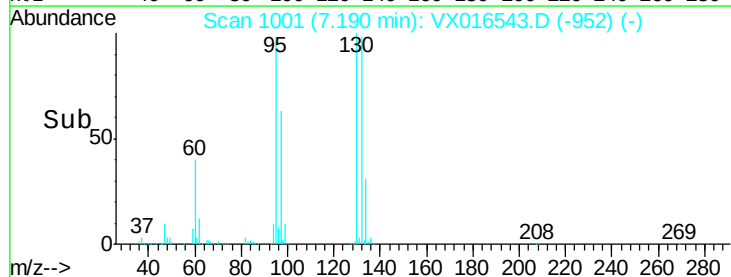
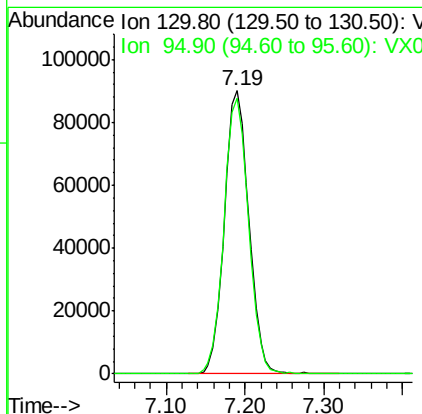
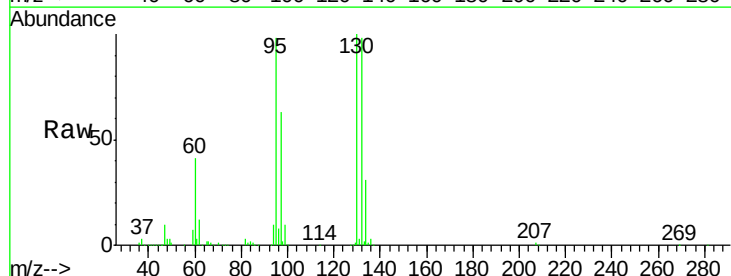
MMDadoda
 6/2/2020 11:34:45 AM

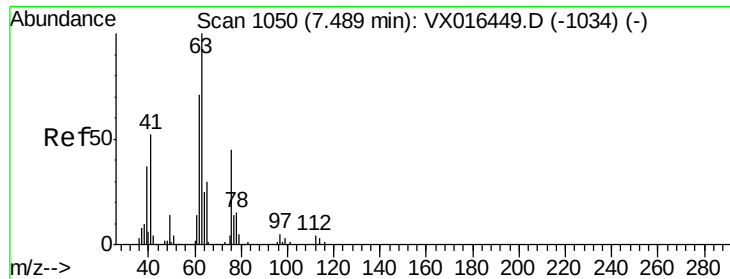


#44

Trichloroethene
 Concen: 44.211 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.6	0.0	198.2





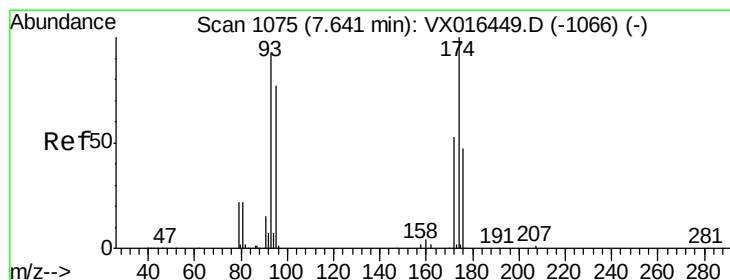
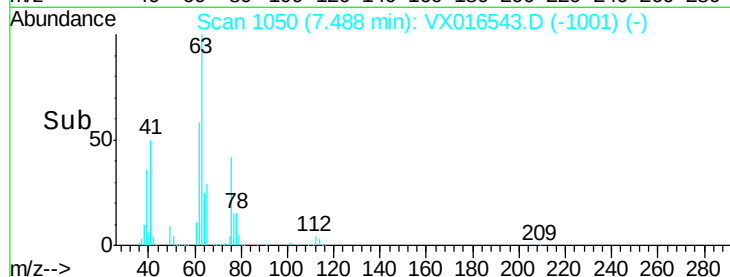
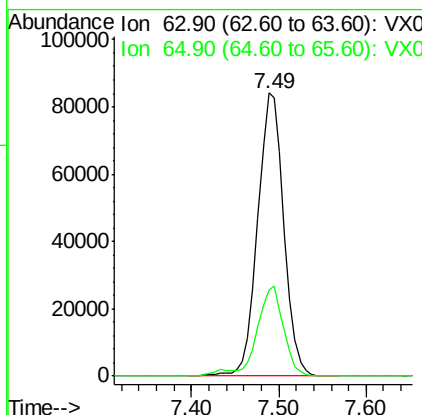
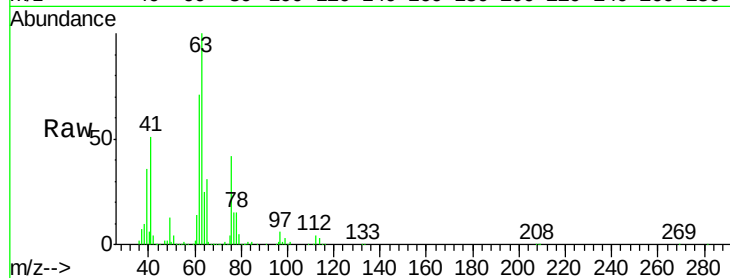
#45
 1,2-Dichloropropane
 Concen: 49.480 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.2	36.2

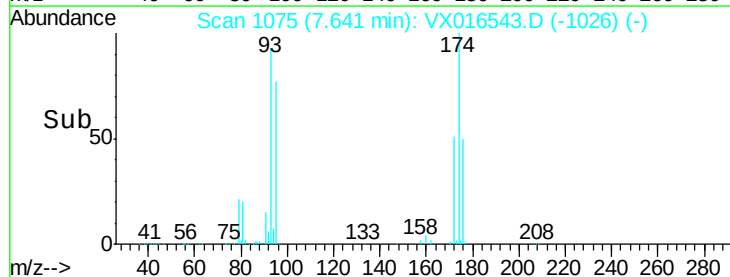
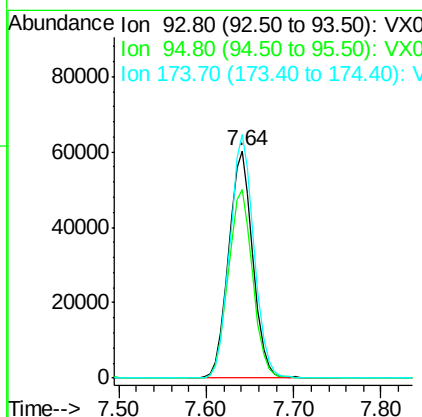
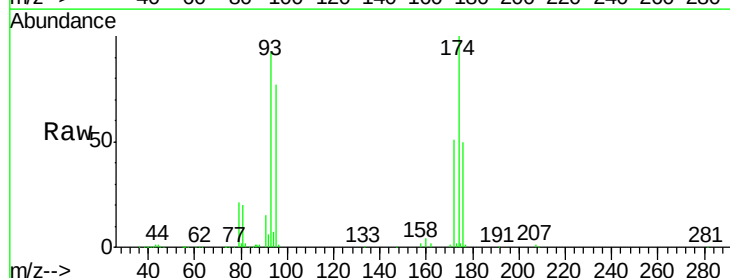
Manual Integrations
 APPROVED

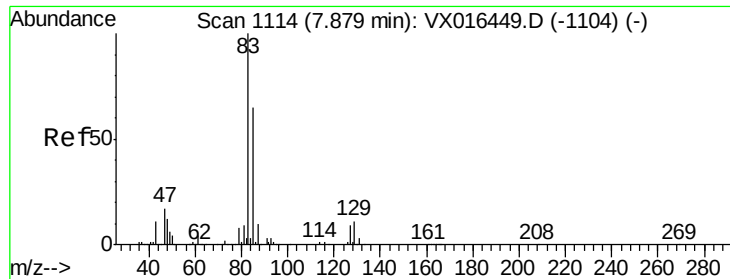
MMDadoda
 6/2/2020 11:34:45 AM



#46
 Dibromomethane
 Concen: 48.649 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.6	100.0
174	107.2	86.2	129.4





#47

Bromodichloromethane

Concen: 48.801 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

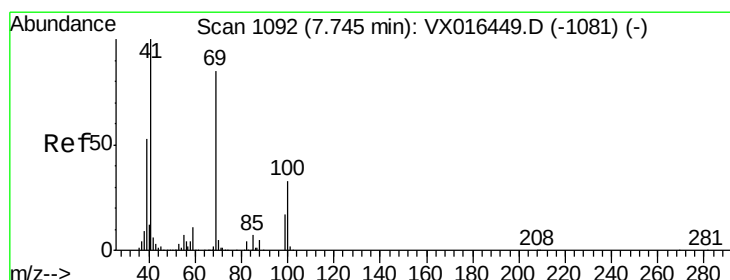
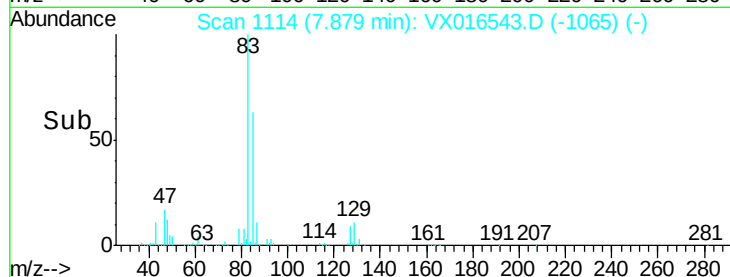
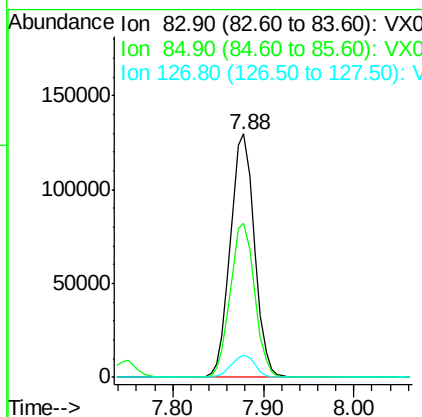
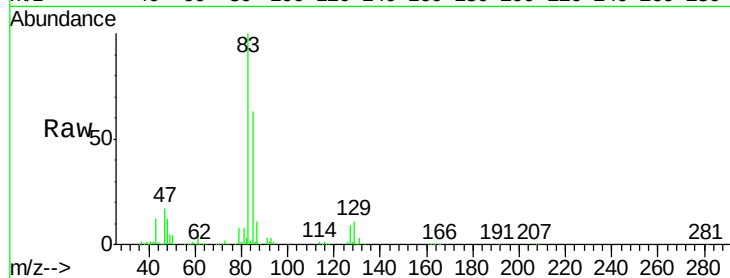
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	240497
Ion Ratio	Lower	Upper	
83	100		
85	63.2	52.0	78.0
127	9.1	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#48

Methyl methacrylate

Concen: 48.858 ug/l

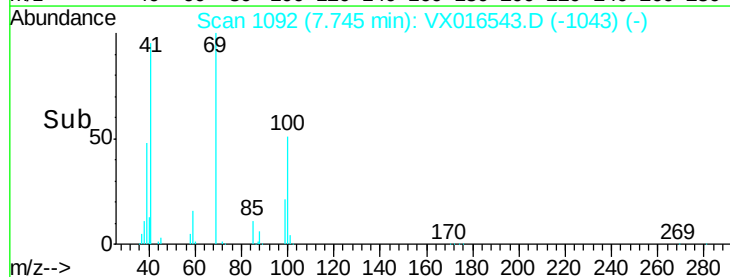
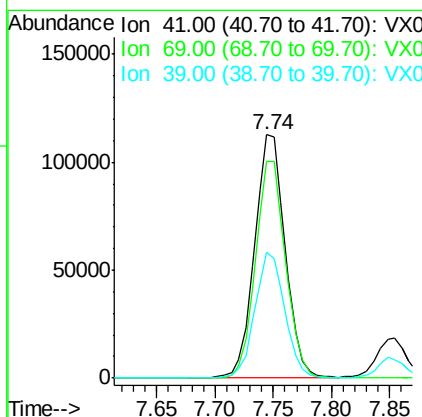
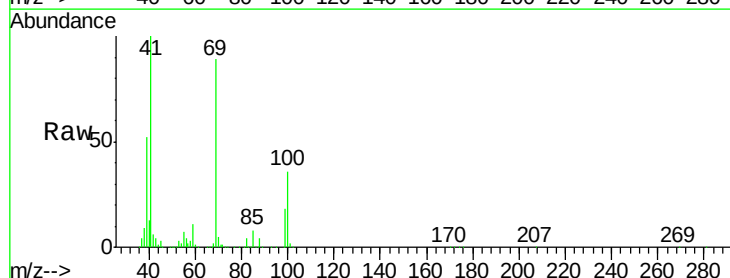
RT: 7.74 min Scan# 1092

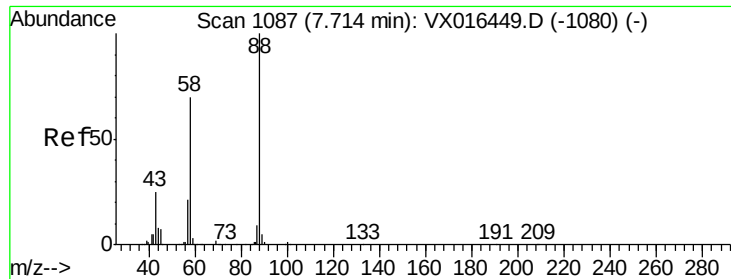
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	41	Resp:	204763
Ion Ratio	Lower	Upper	
41	100		
69	88.7	68.6	102.8
39	50.7	42.4	63.6





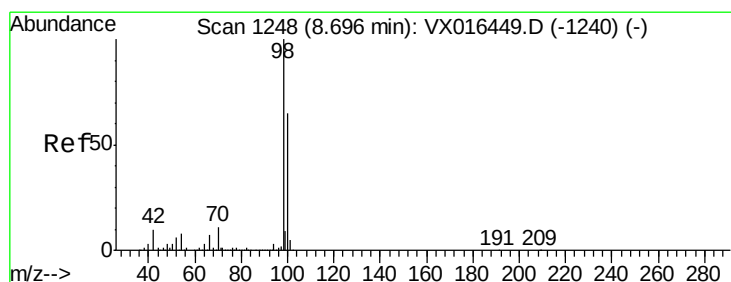
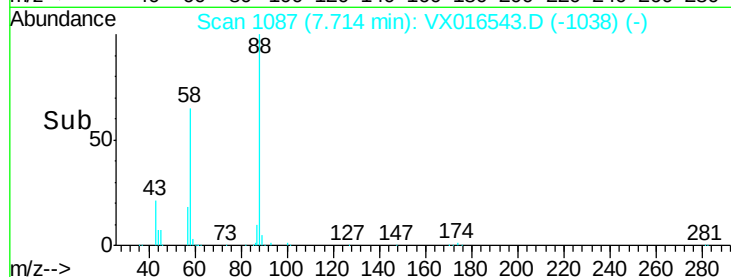
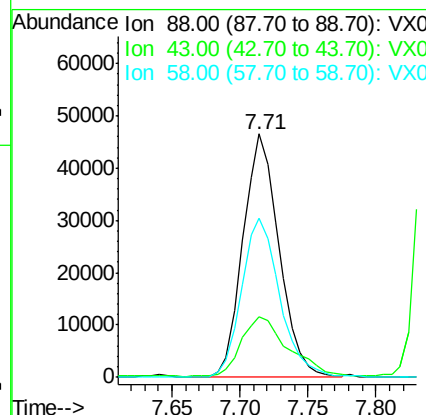
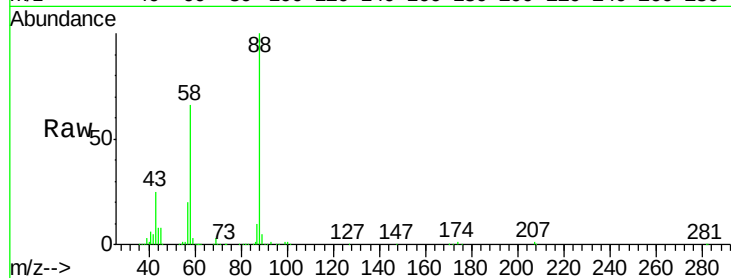
#49
 1,4-Dioxane
 Concen: 882.803 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.2	36.4
58	69.5	56.5	84.7

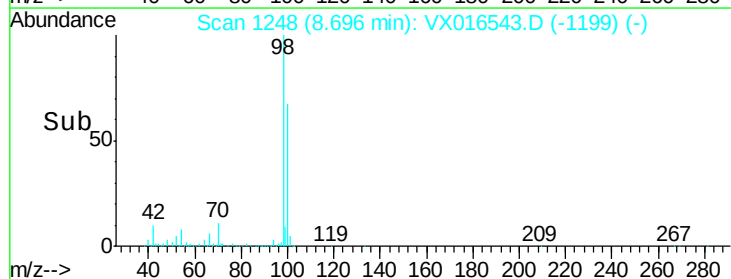
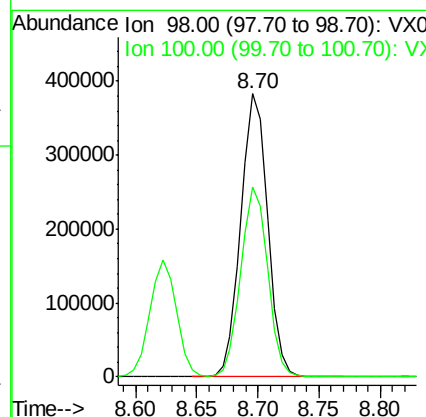
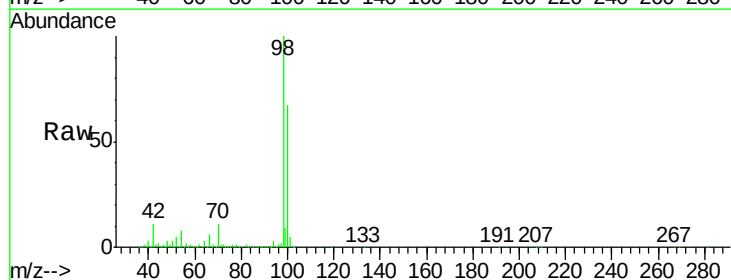
Manual Integrations
 APPROVED

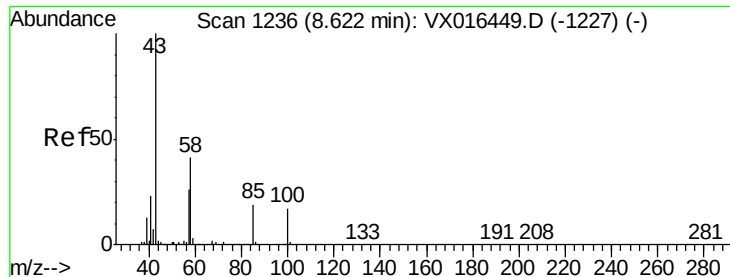
MMDadoda
 6/2/2020 11:34:45 AM



#50
 Toluene-d8
 Concen: 49.083 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6





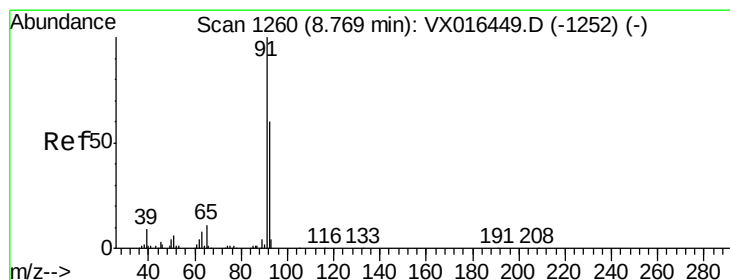
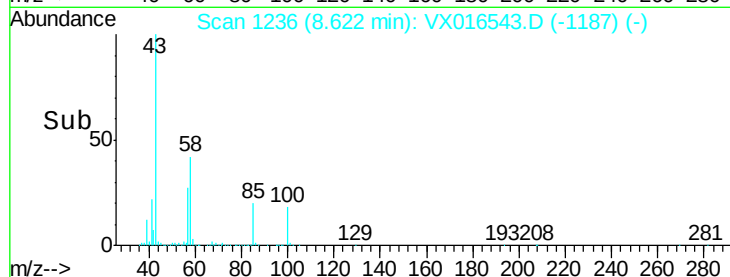
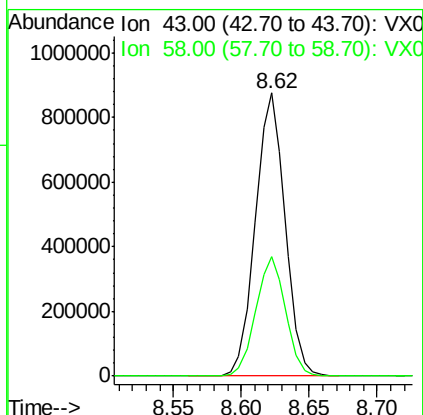
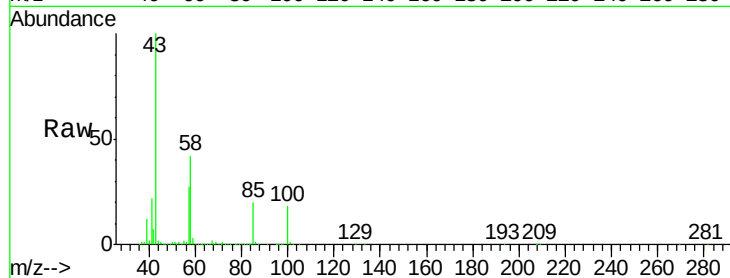
#51
4-Methyl-2-Pentanone
Concen: 246.820 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1345221
Ion Ratio Lower Upper
43 100
58 42.2 33.0 49.6

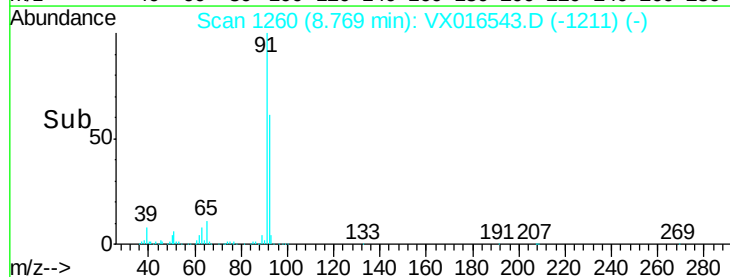
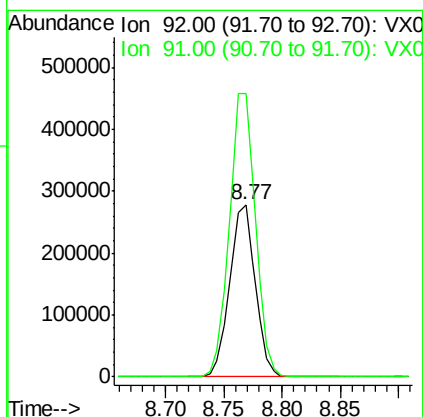
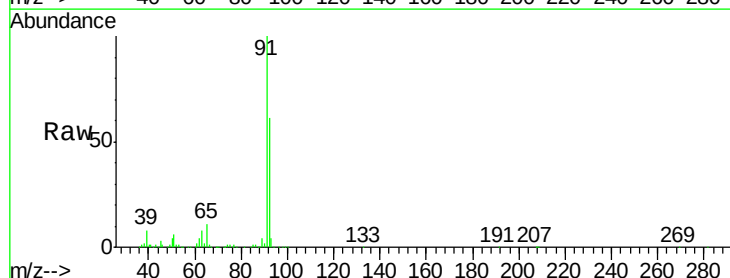
Manual Integrations
APPROVED

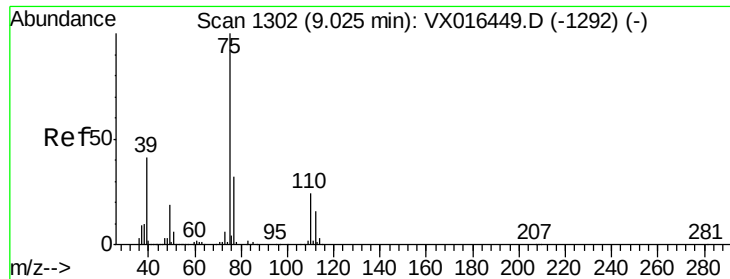
MMDadoda
6/2/2020 11:34:45 AM



#52
Toluene
Concen: 48.493 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 92 Resp: 425637
Ion Ratio Lower Upper
92 100
91 168.6 135.0 202.4





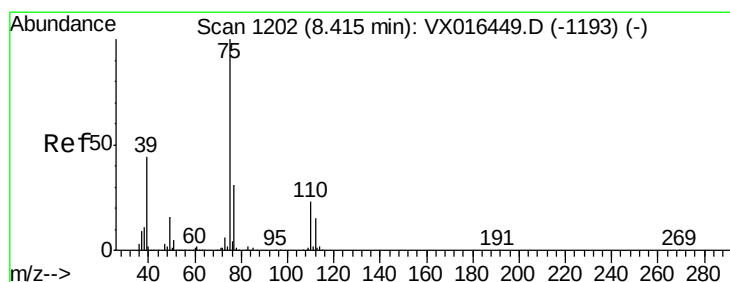
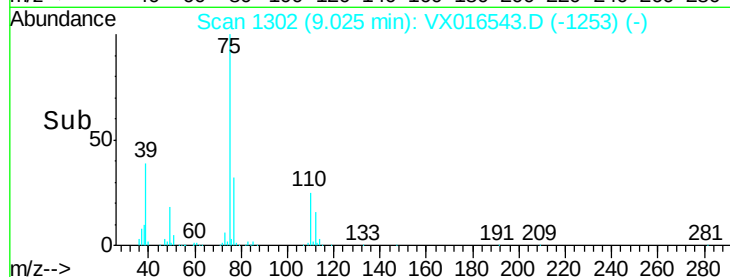
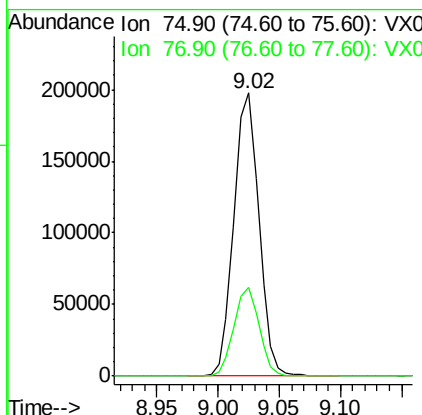
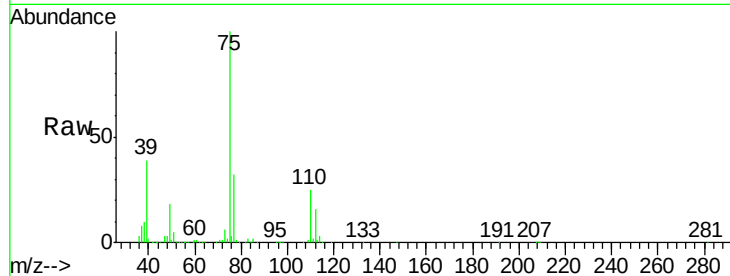
#53
t-1,3-Dichloropropene
Concen: 50.001 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	25.5	38.3

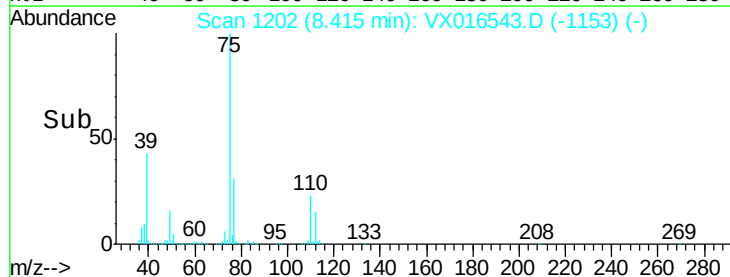
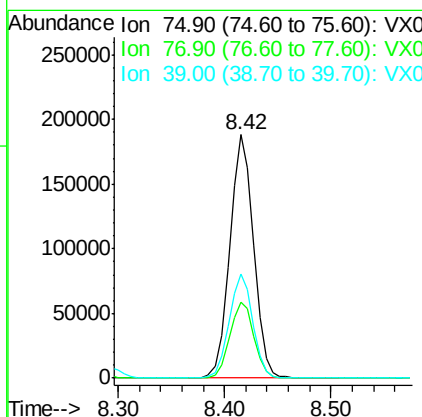
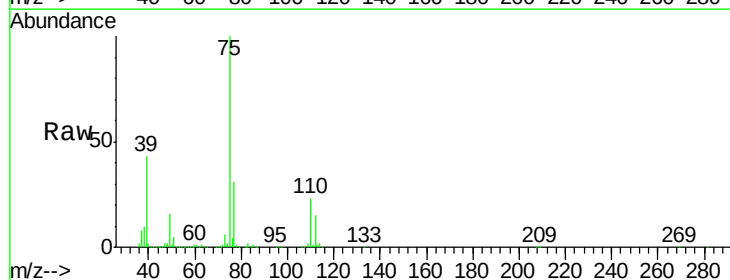
Manual Integrations
APPROVED

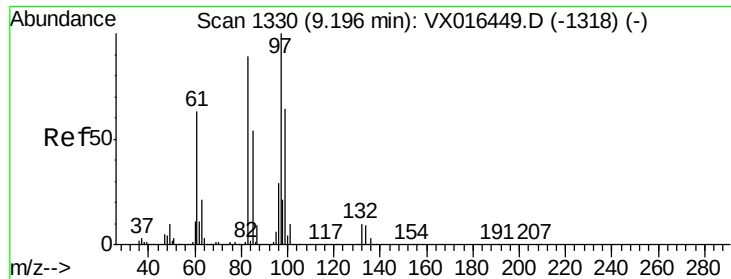
MMDadoda
6/2/2020 11:34:45 AM



#54
cis-1,3-Dichloropropene
Concen: 49.512 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.2	24.6	36.8
39	42.7	35.3	52.9





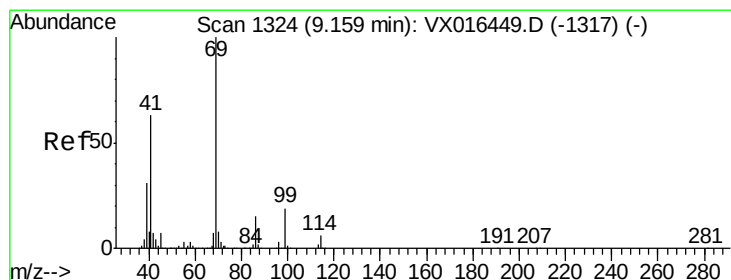
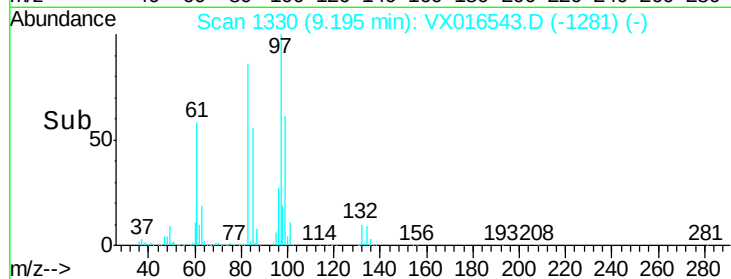
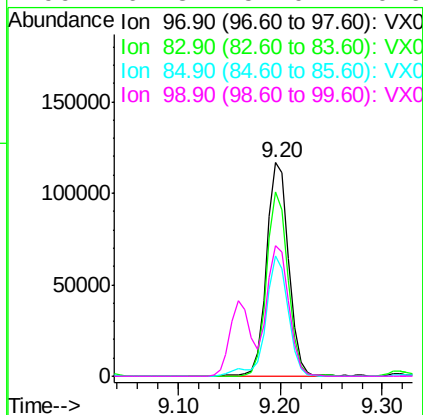
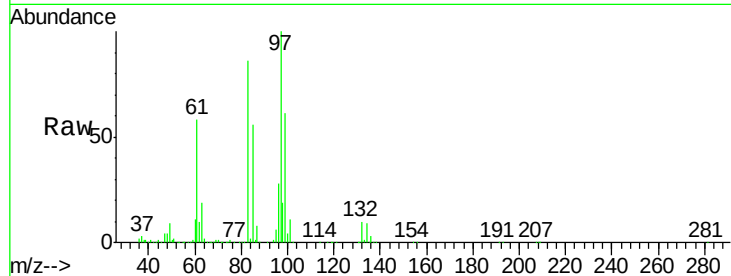
#55
 1,1,2-Trichloroethane
 Concen: 50.193 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	97	Resp	175166
Ion	Ratio	Lower	Upper
97	100		
83	86.3	70.9	106.3
85	56.4	43.4	65.2
99	61.3	51.0	76.6

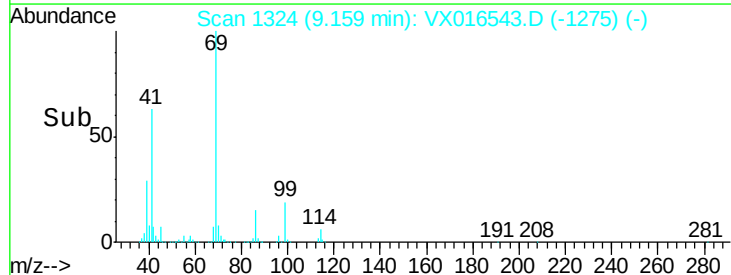
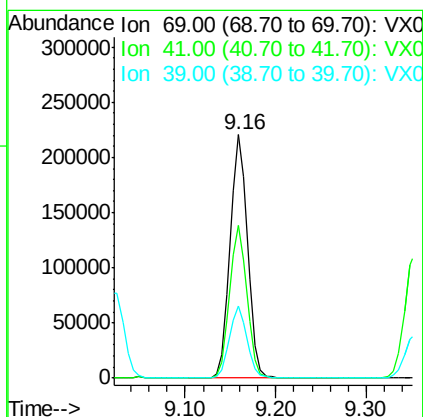
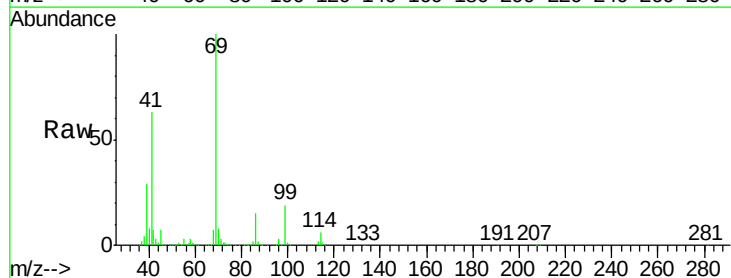
Manual Integrations
 APPROVED

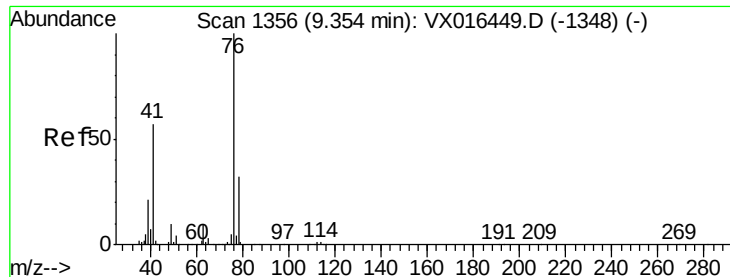
MMDadoda
 6/2/2020 11:34:45 AM



#56
 Ethyl methacrylate
 Concen: 52.075 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	69	Resp	295980
Ion	Ratio	Lower	Upper
69	100		
41	61.8	50.7	76.1
39	29.6	25.8	38.6





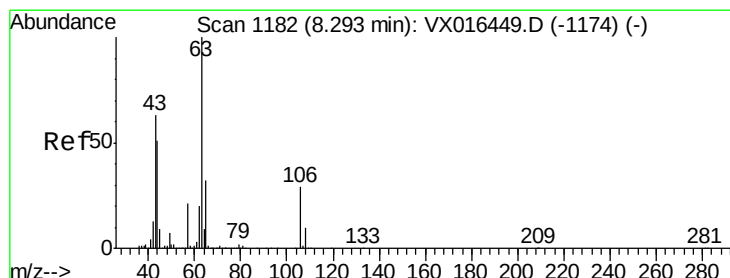
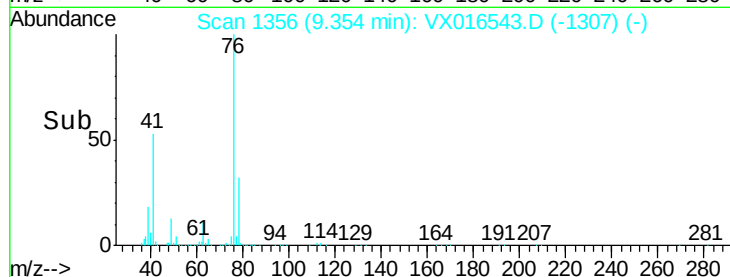
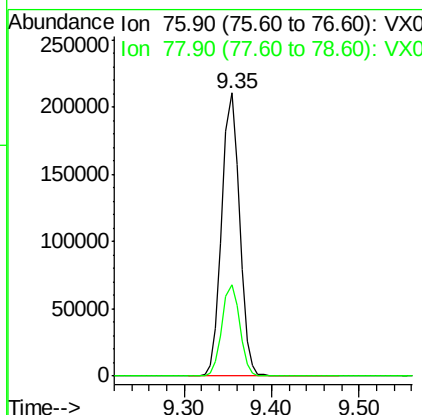
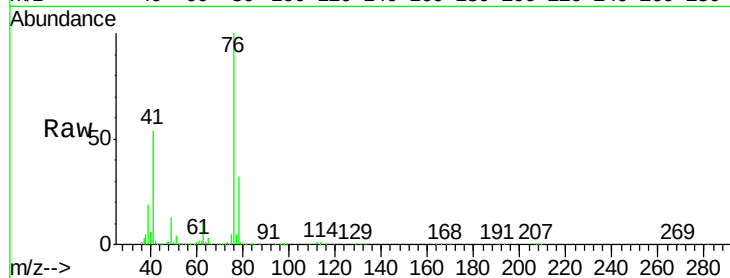
#57
 1,3-Dichloropropane
 Concen: 49.745 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	26.2	39.4

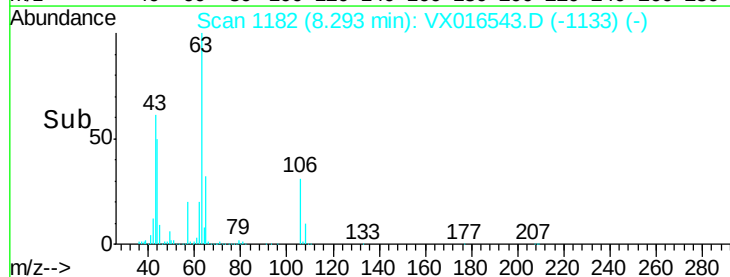
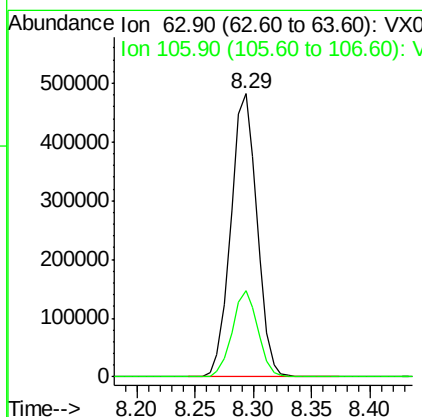
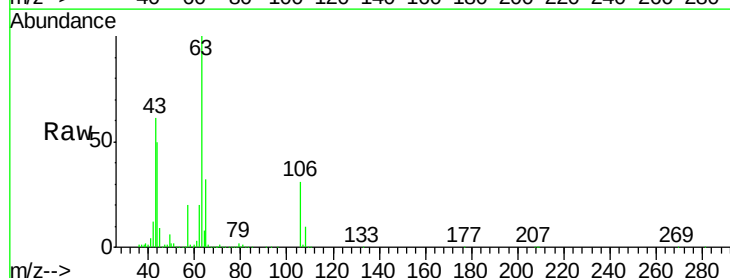
Manual Integrations
 APPROVED

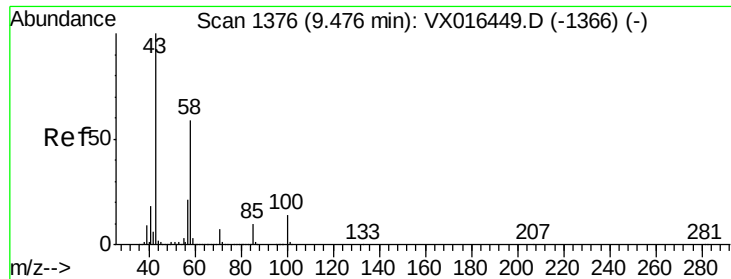
MMDadoda
 6/2/2020 11:34:45 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 255.072 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.6	23.2	34.8





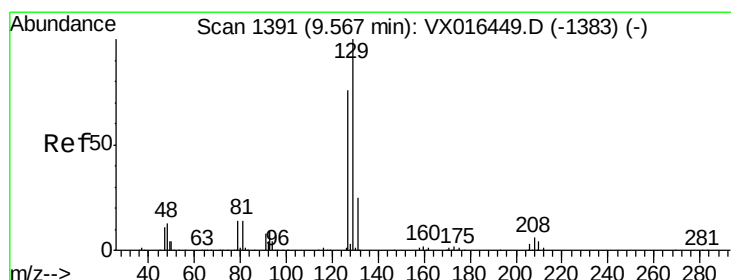
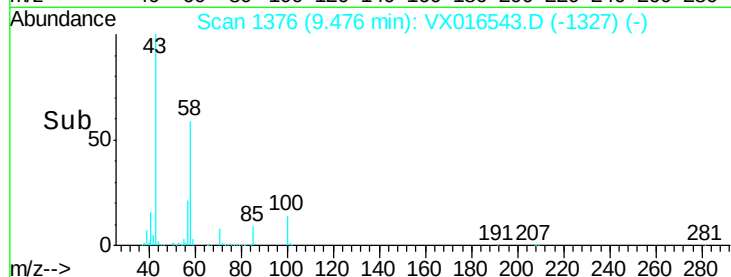
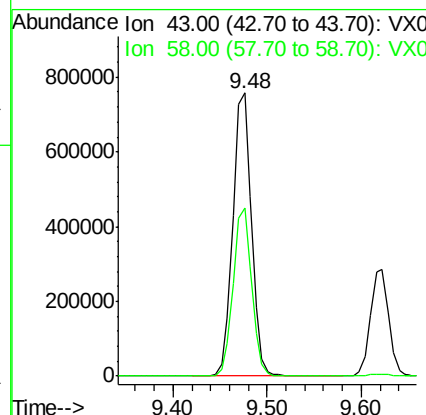
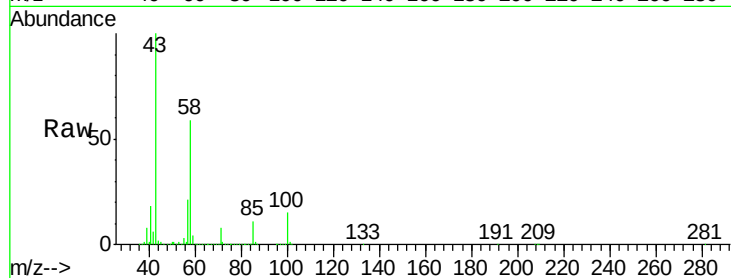
#59
2-Hexanone
Concen: 246.065 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1042922
Ion Ratio Lower Upper
43 100
58 59.1 28.8 86.4

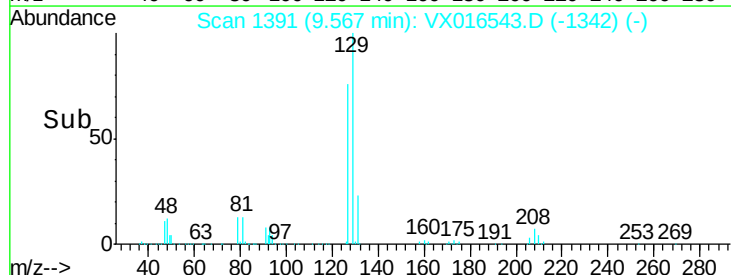
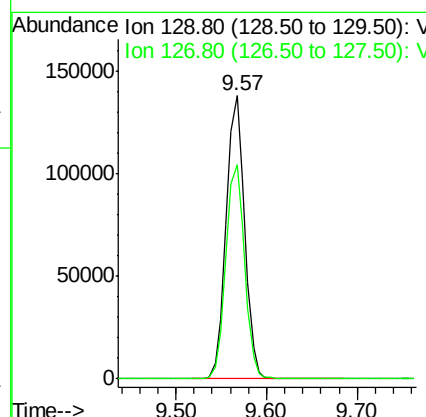
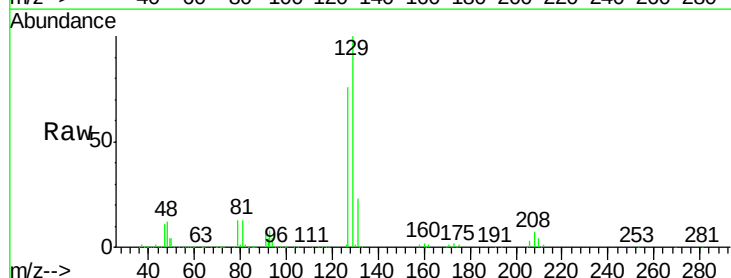
Manual Integrations
APPROVED

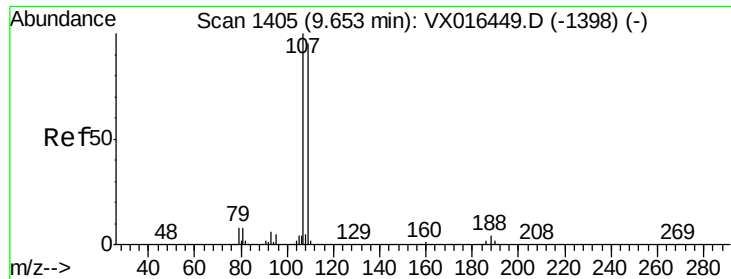
MMDadoda
6/2/2020 11:34:45 AM



#60
Dibromochloromethane
Concen: 50.209 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 129 Resp: 197187
Ion Ratio Lower Upper
129 100
127 76.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.902 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 186489

Ion Ratio Lower Upper

107 100

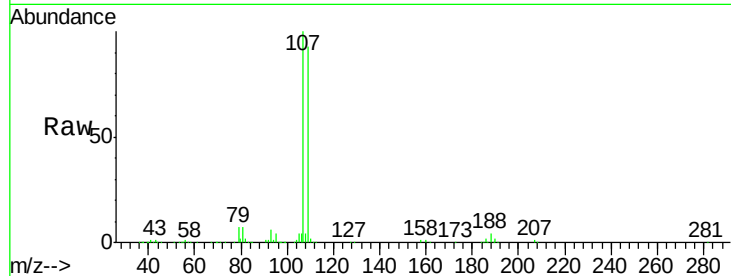
109 94.2 75.5 113.3

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

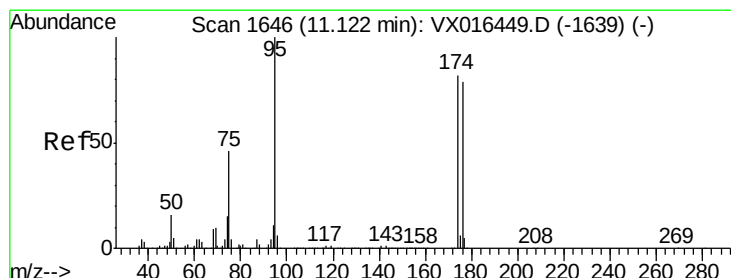
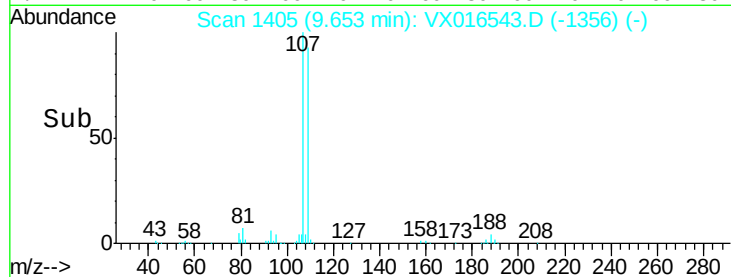
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.632 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

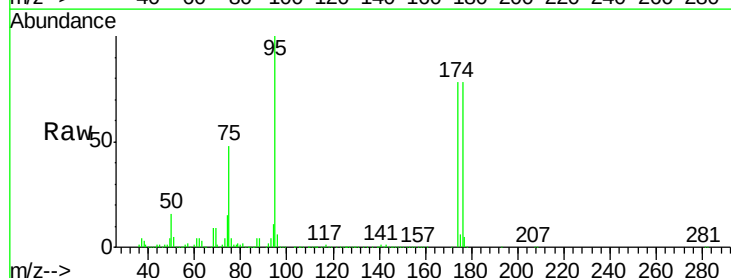
Tgt Ion: 95 Resp: 222322

Ion Ratio Lower Upper

95 100

174 80.0 0.0 163.0

176 78.8 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

250000

200000

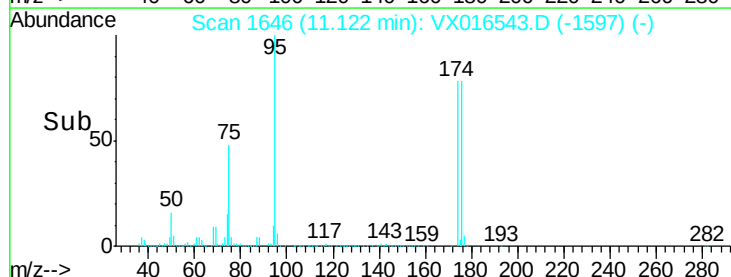
150000

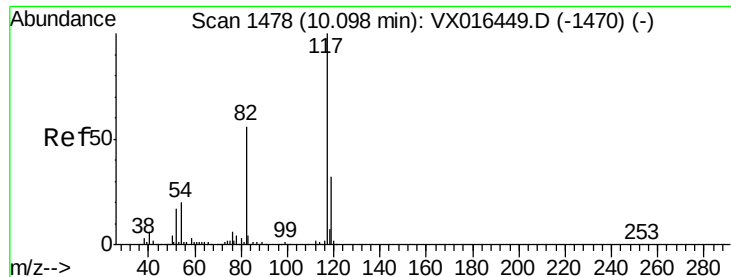
100000

50000

0

Time-->





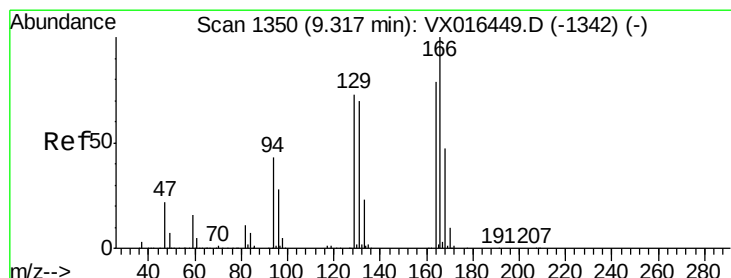
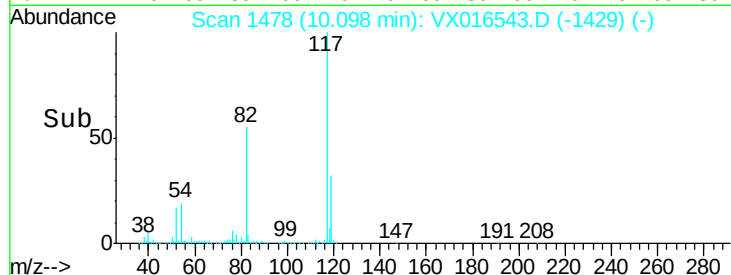
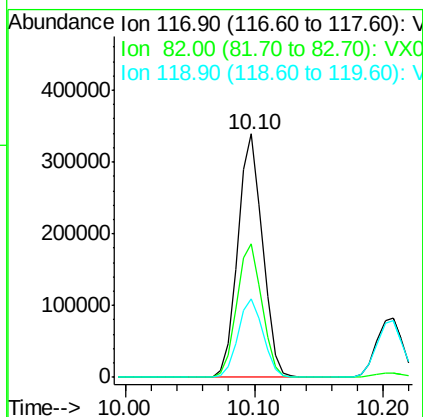
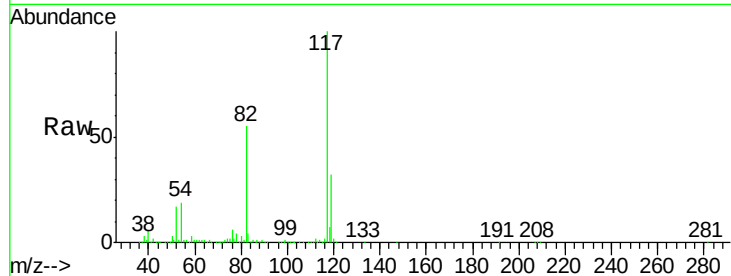
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	450966		
82	55.1	45.0	67.6	
119	32.5	25.8	38.8	

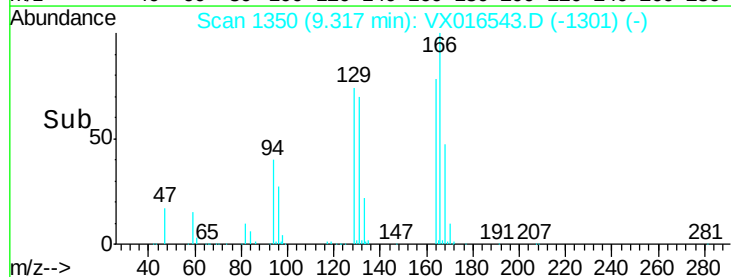
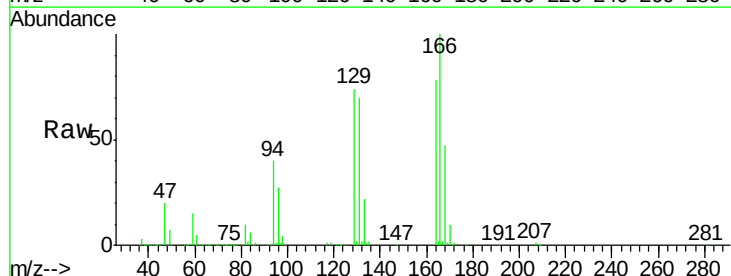
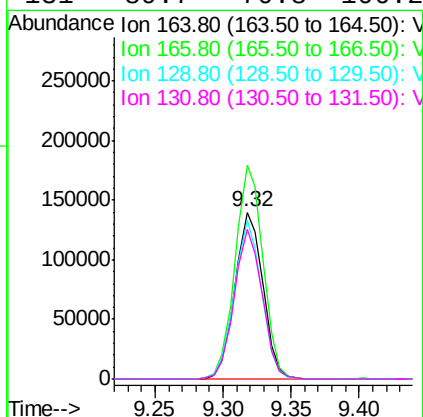
Manual Integrations
APPROVED

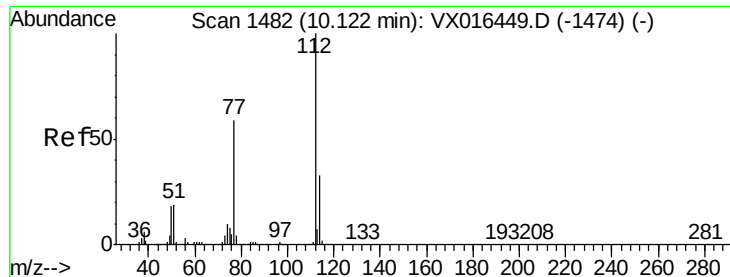
MMDadoda
6/2/2020 11:34:45 AM



#64
Tetrachloroethene
Concen: 39.816 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	200888		
166	128.2	100.9	151.3	
129	95.3	73.2	109.8	
131	89.7	70.8	106.2	





#65

Chlorobenzene

Concen: 49.381 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 454007

Ion Ratio Lower Upper

112 100

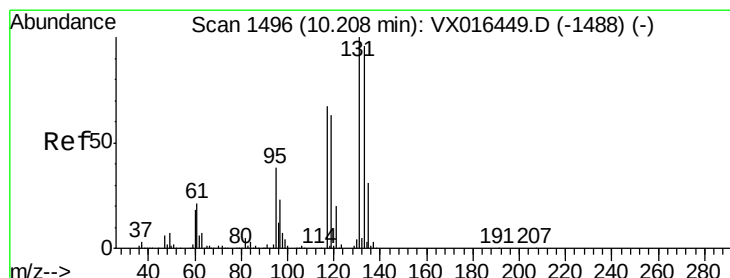
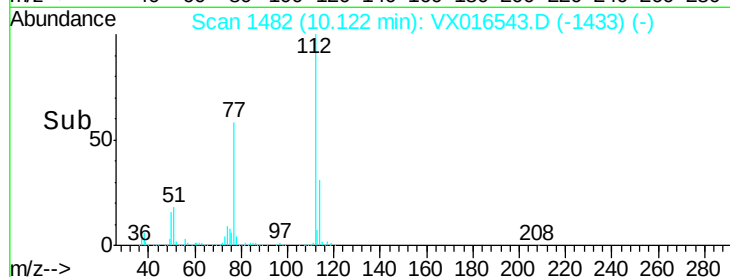
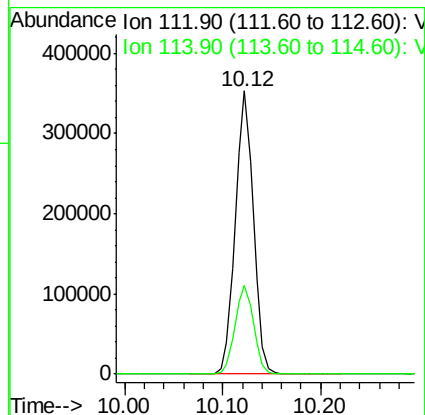
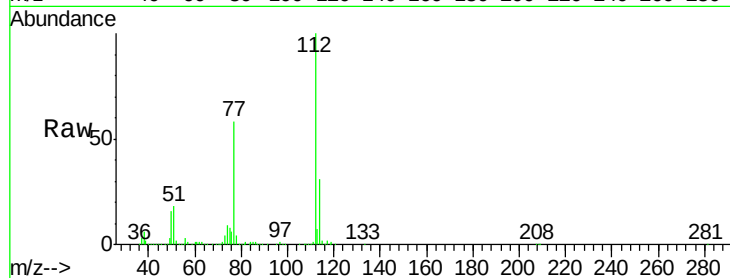
114 31.4 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

6/2/2020 11:34:45 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 50.314 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

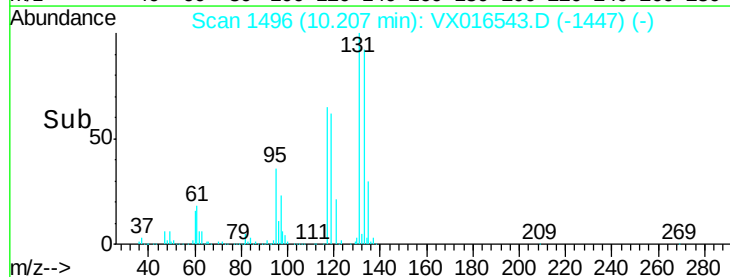
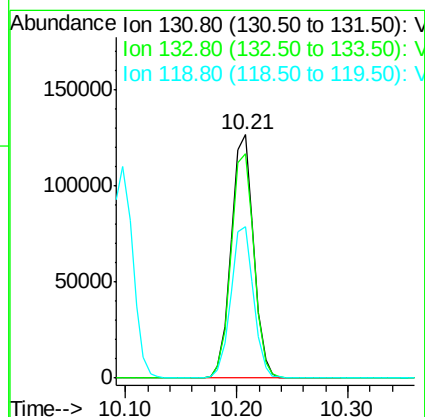
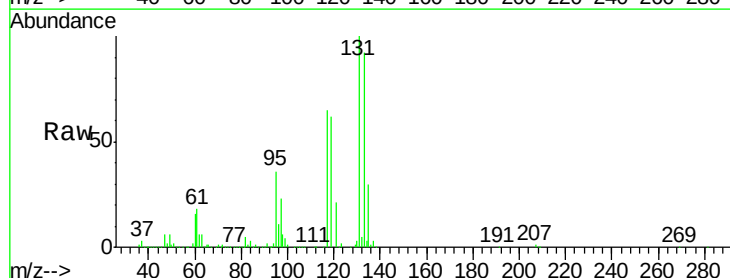
Tgt Ion:131 Resp: 176582

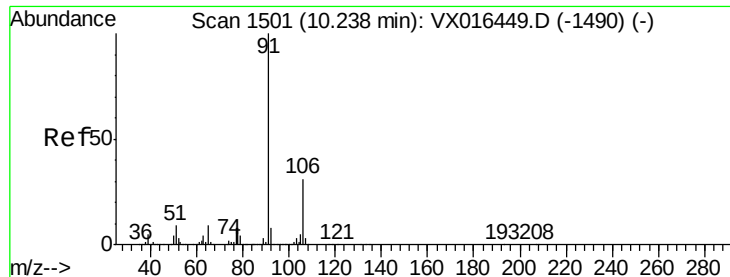
Ion Ratio Lower Upper

131 100

133 94.7 48.4 145.3

119 63.0 32.0 96.2





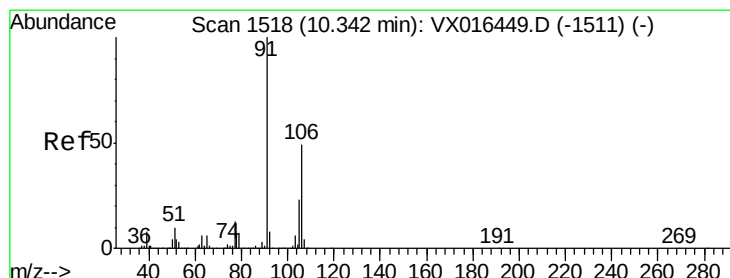
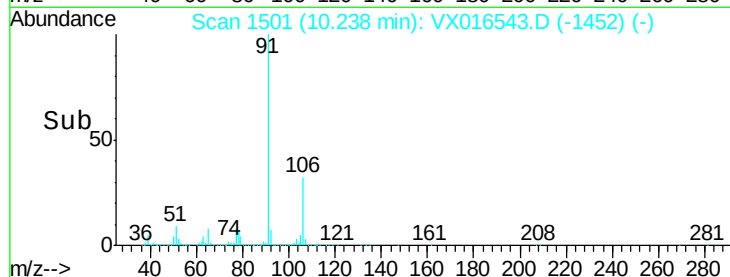
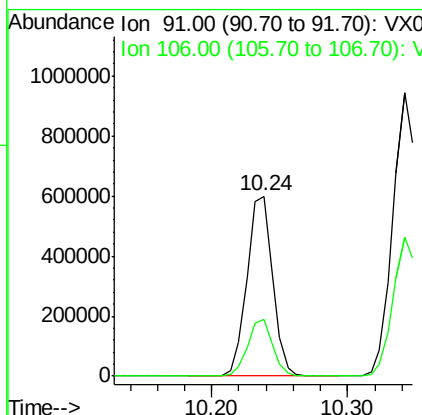
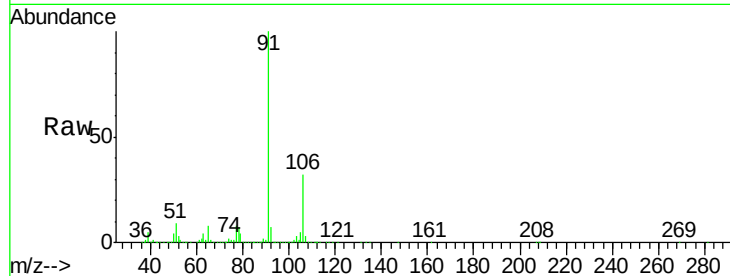
#67
Ethyl Benzene
Concen: 48.539 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 794536
Ion Ratio Lower Upper
91 100
106 31.9 25.0 37.4

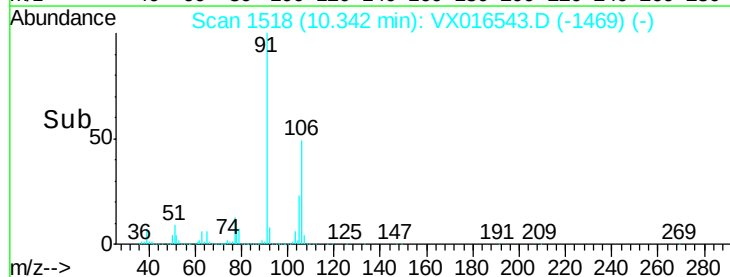
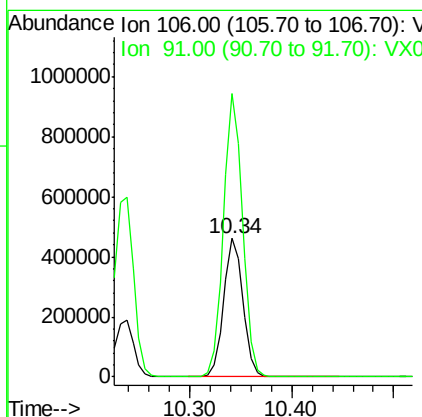
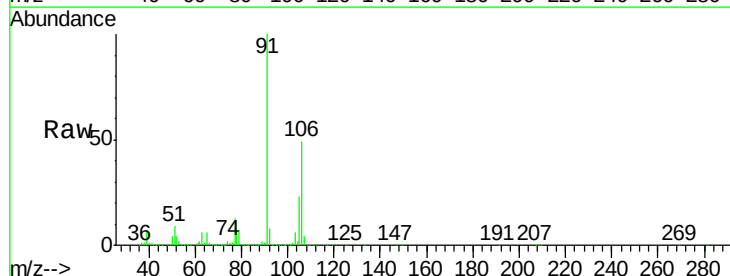
Manual Integrations
APPROVED

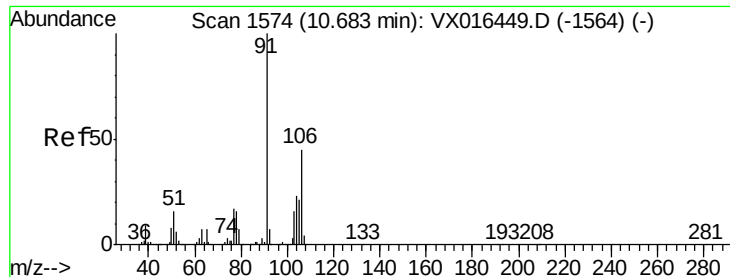
MMDadoda
6/2/2020 11:34:45 AM



#68
m/p-Xylenes
Concen: 99.450 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion: 106 Resp: 603581
Ion Ratio Lower Upper
106 100
91 203.6 163.8 245.8





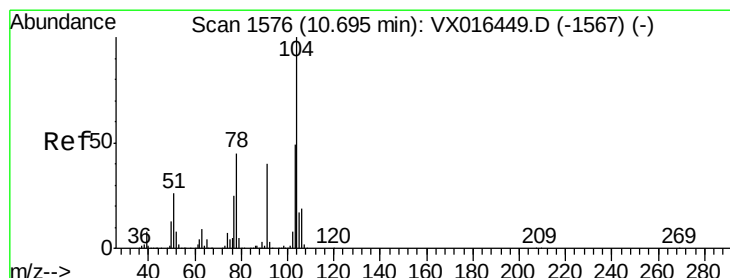
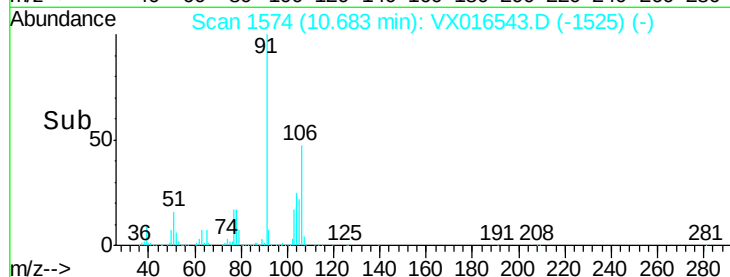
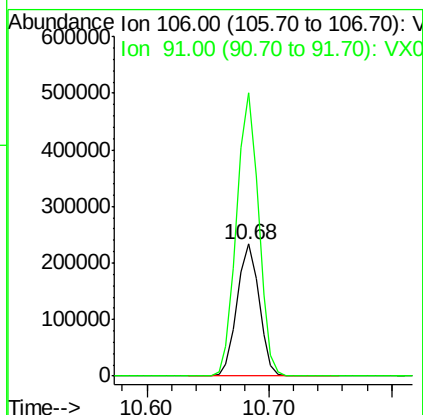
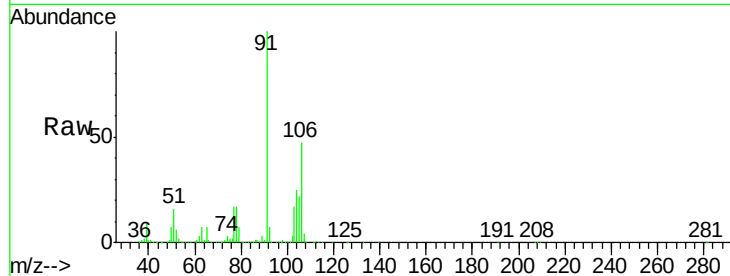
#69
o-Xylene
Concen: 49.716 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	292219		
91	91	212.9	109.6	328.8	

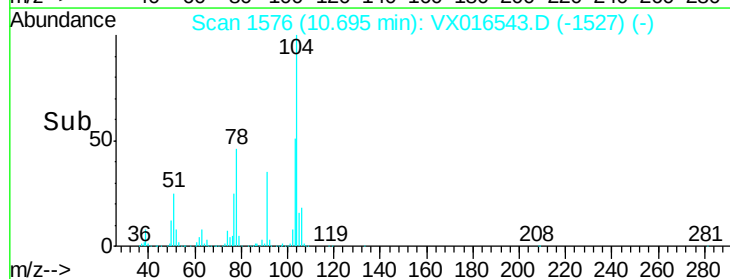
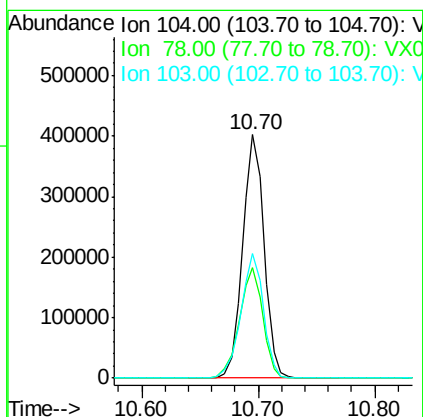
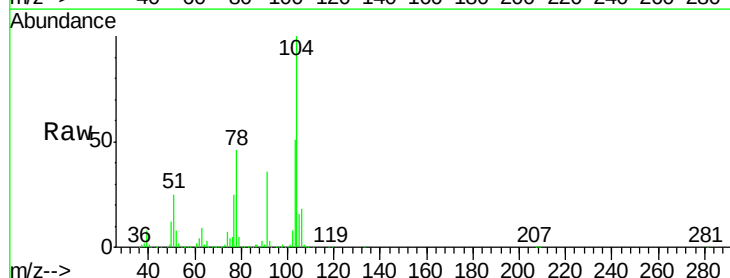
Manual Integrations
APPROVED

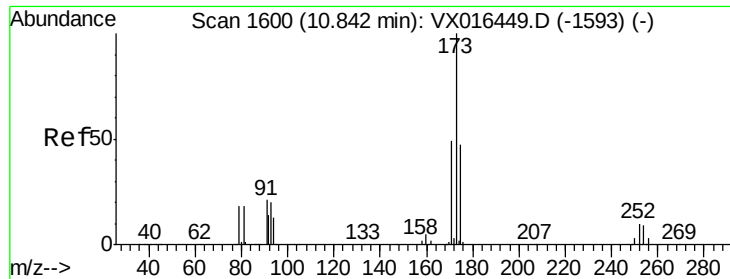
MMDadoda
6/2/2020 11:34:45 AM



#70
Styrene
Concen: 51.124 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	516509		
78	78	49.6	40.2	60.2	
103	103	54.1	43.1	64.7	





#71

Bromoform

Concen: 51.995 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

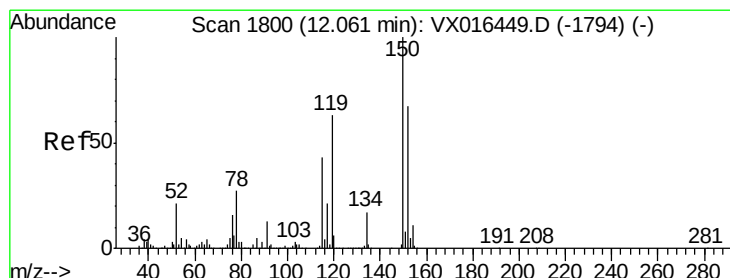
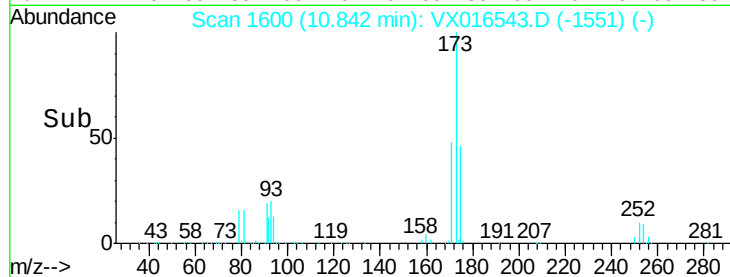
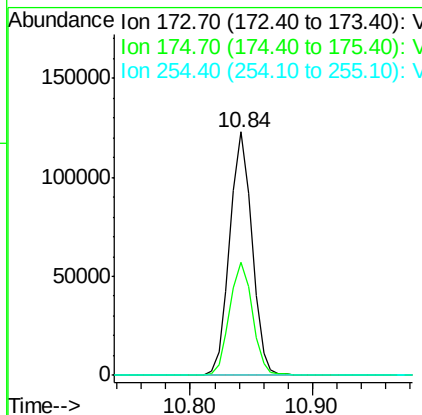
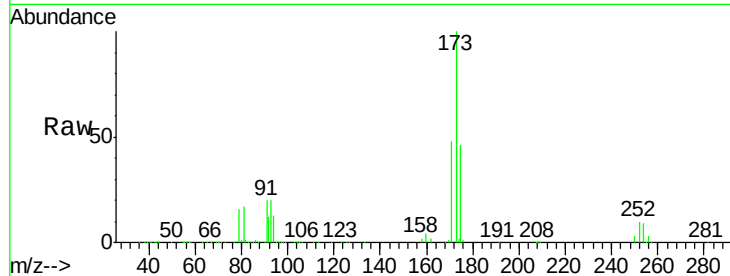
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.9	71.7
254	0.1	0.1	0.1

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

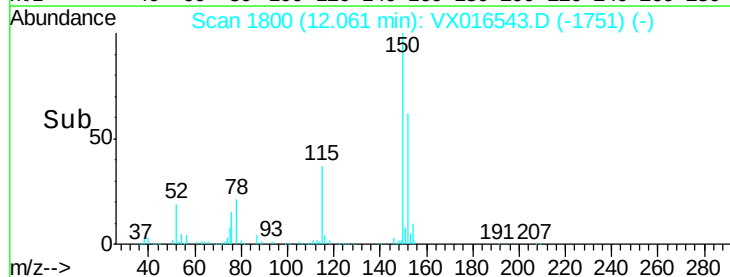
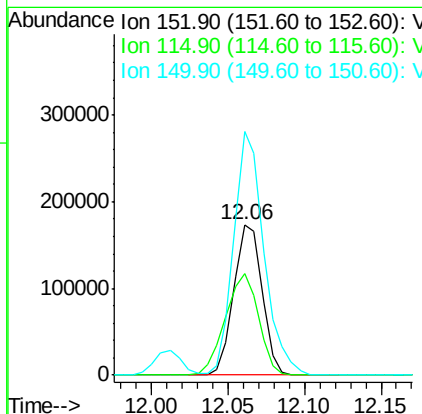
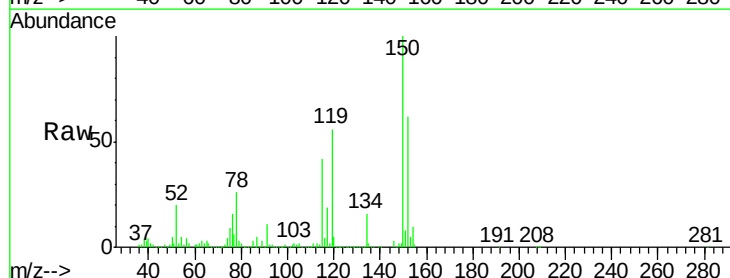
RT: 12.06 min Scan# 1800

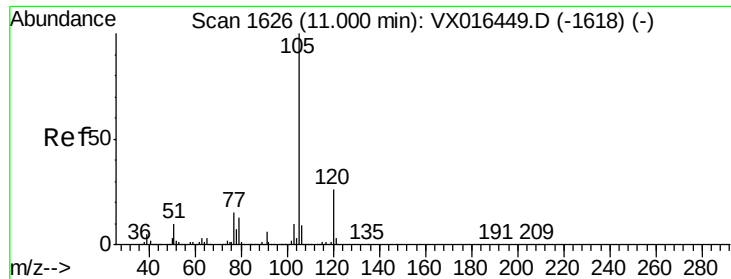
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.5	39.9	119.6
150	173.2	0.0	341.0





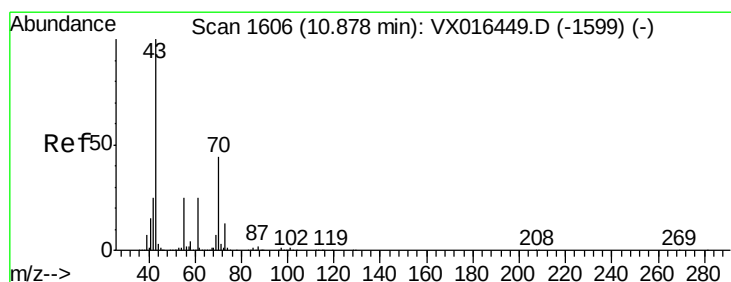
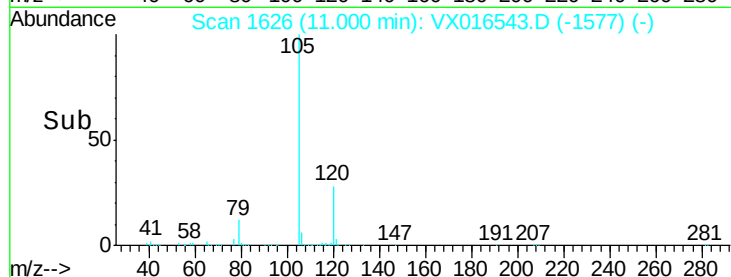
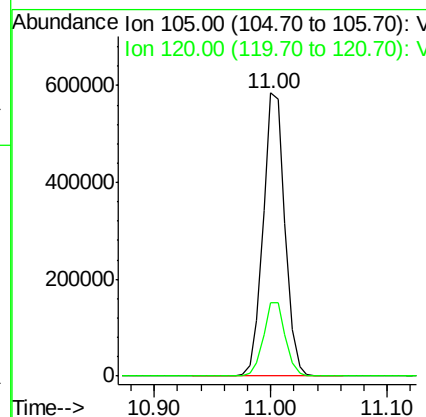
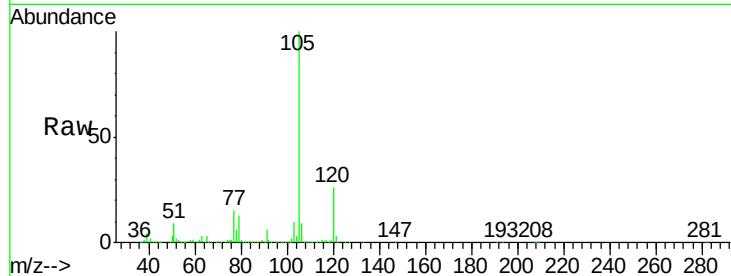
#73
Isopropylbenzene
Concen: 49.230 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.1	39.3

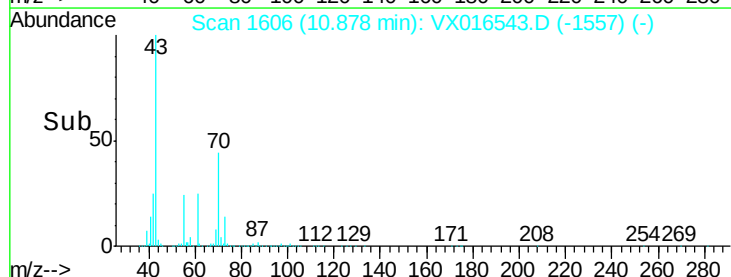
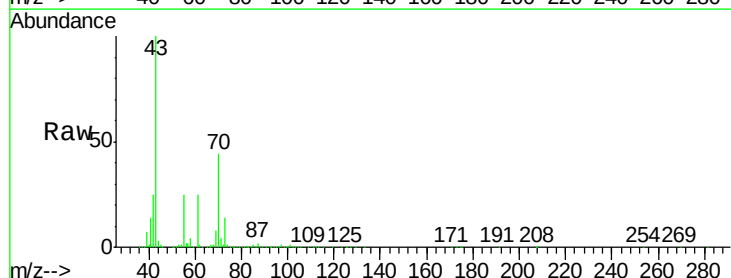
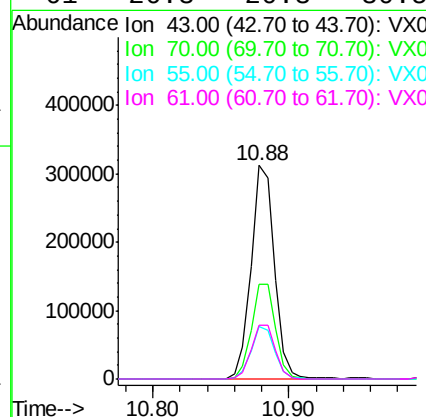
Manual Integrations
APPROVED

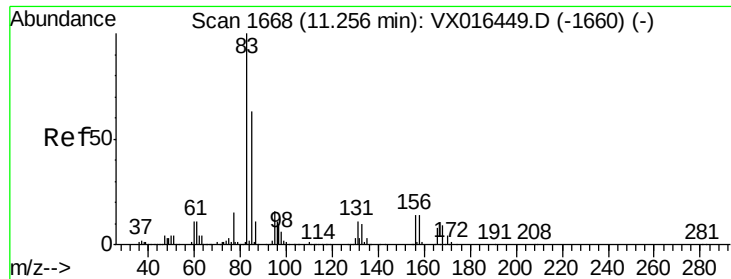
MMDadoda
6/2/2020 11:34:45 AM



#74
N-ethyl acetate
Concen: 52.812 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.9	36.1	54.1
55	24.9	20.2	30.4
61	26.3	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 60.535 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

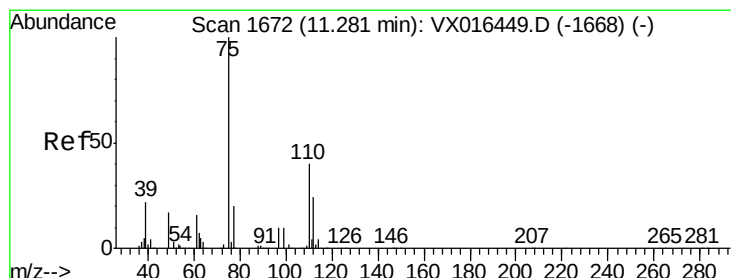
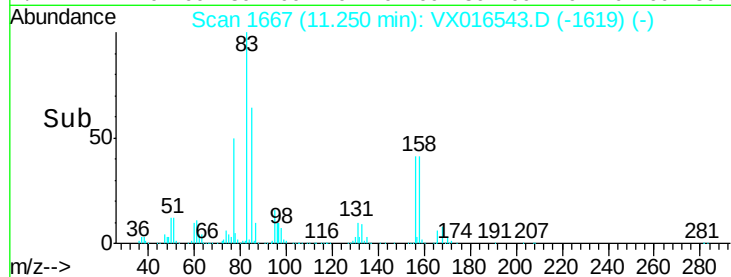
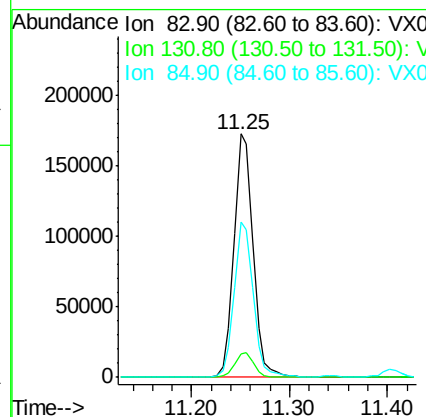
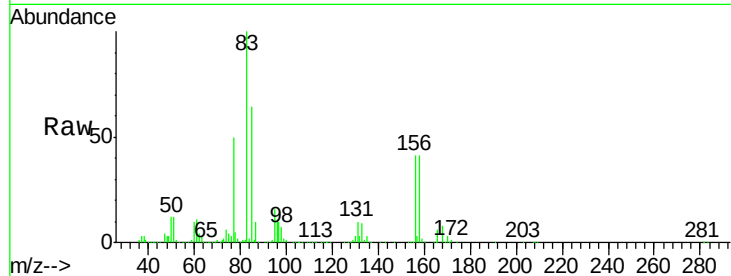
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	233916
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.1	15.3
85	63.5	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#76

1,2,3-Trichloropropane

Concen: 51.064 ug/l m

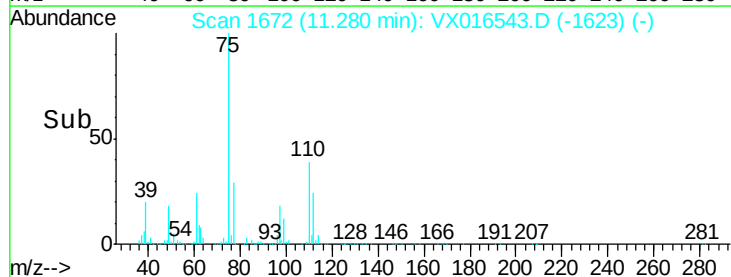
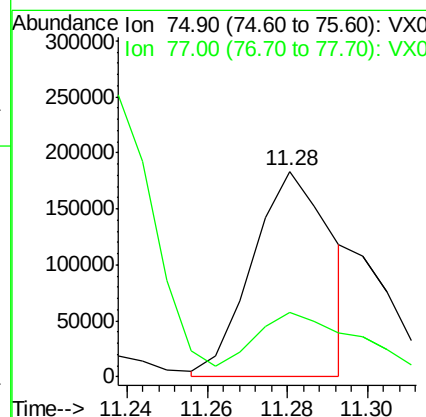
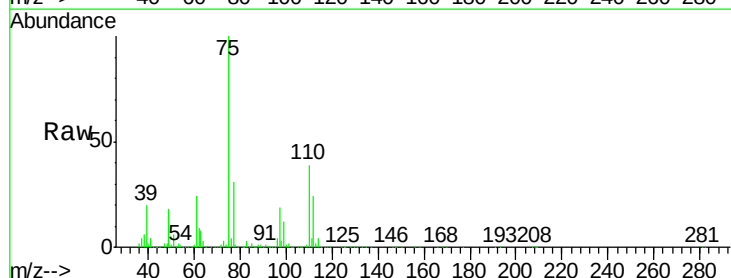
RT: 11.28 min Scan# 1672

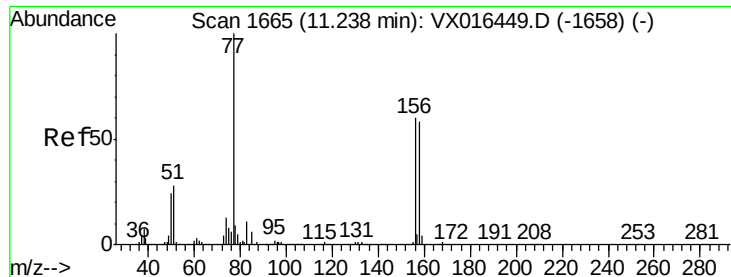
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	75	Resp:	249765
Ion Ratio	Lower	Upper	
75	100		
77	42.1	21.3	63.7





#77

Bromobenzene

Concen: 49.671 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

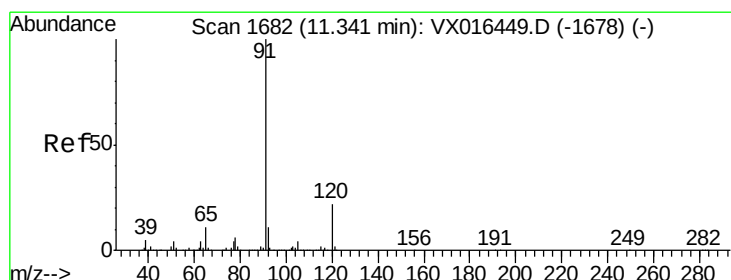
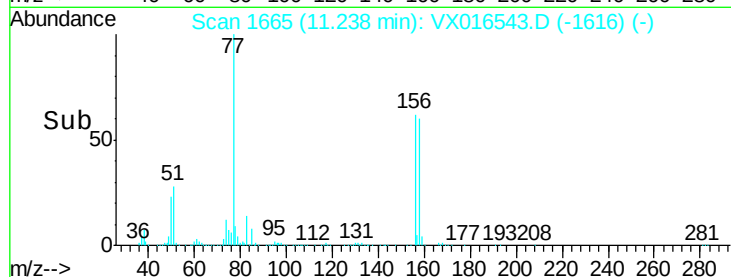
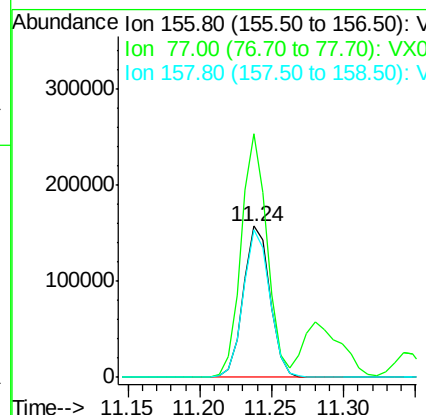
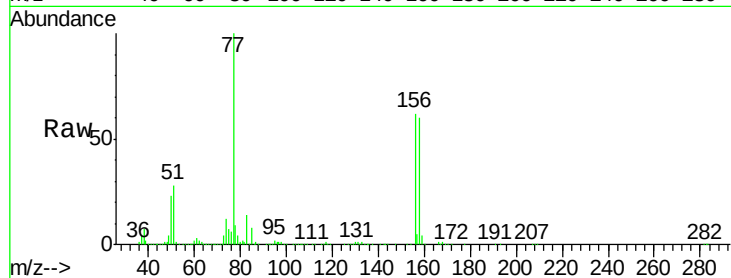
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	200866
Ion Ratio	Lower	Upper	
156	100		
77	158.0	79.6	238.8
158	97.3	48.1	144.4

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#78

n-propylbenzene

Concen: 49.464 ug/l

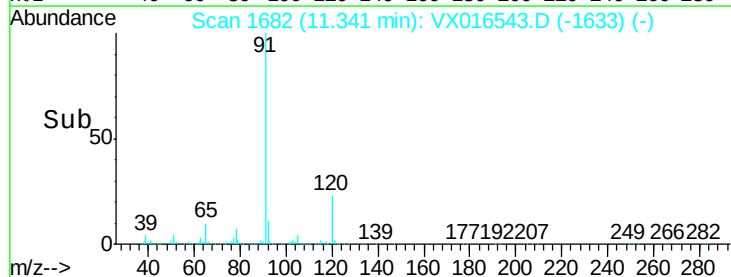
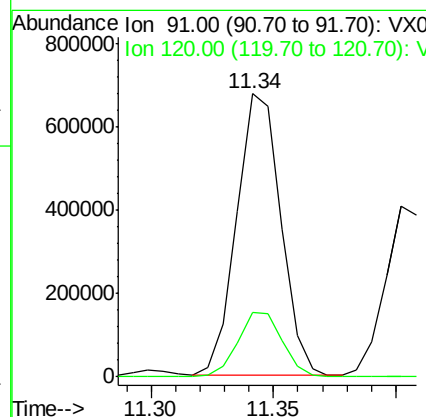
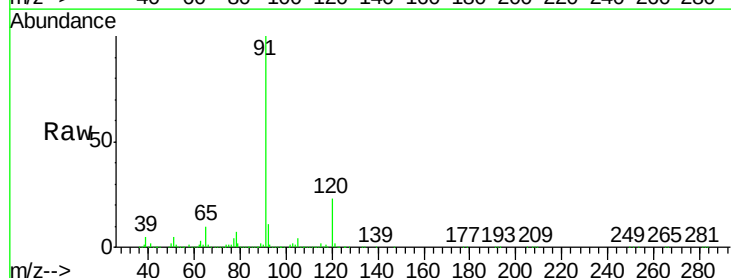
RT: 11.34 min Scan# 1682

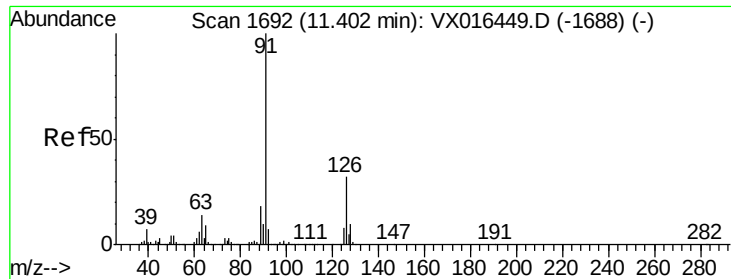
Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	91	Resp:	852052
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.6	34.7





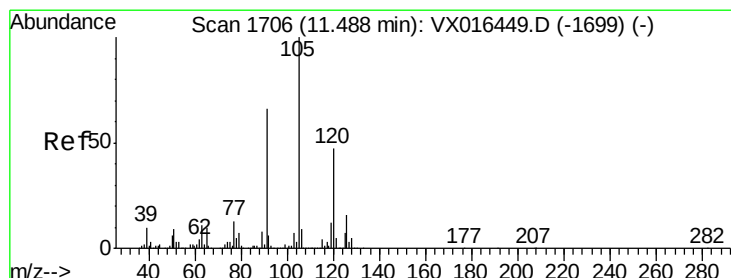
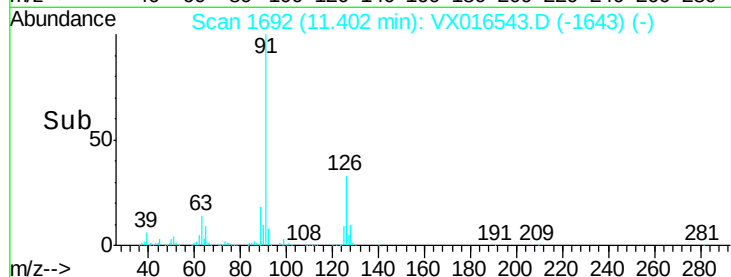
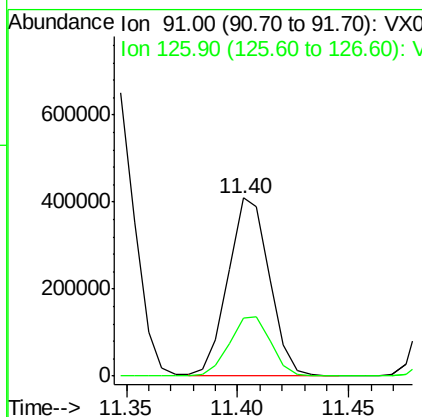
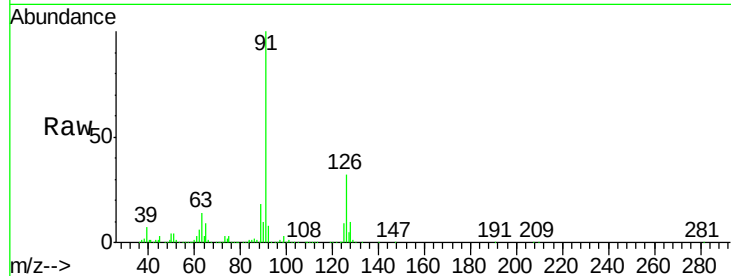
#79
 2-Chlorotoluene
 Concen: 50.155 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	33.5	16.8	50.3

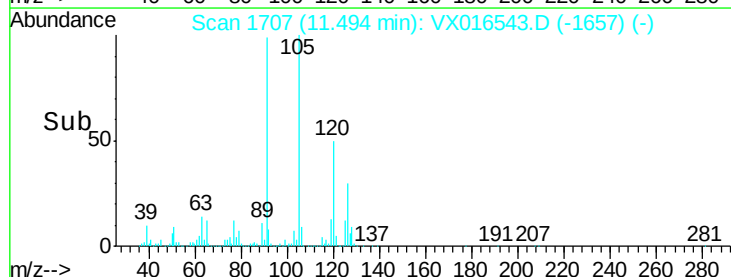
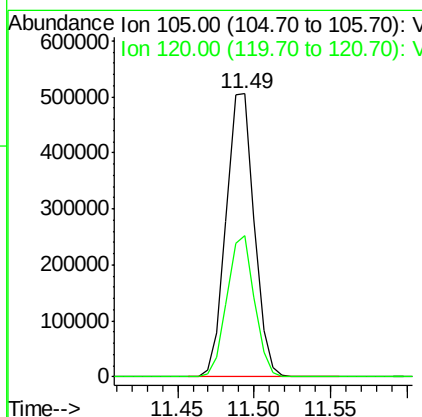
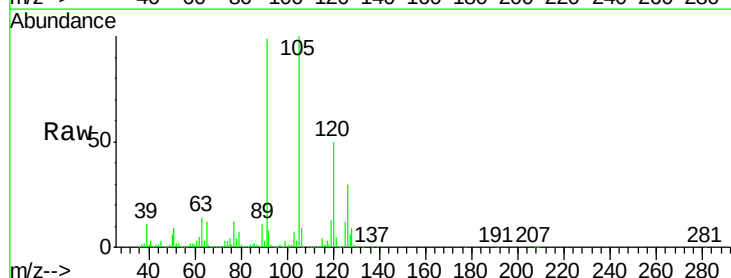
Manual Integrations
 APPROVED

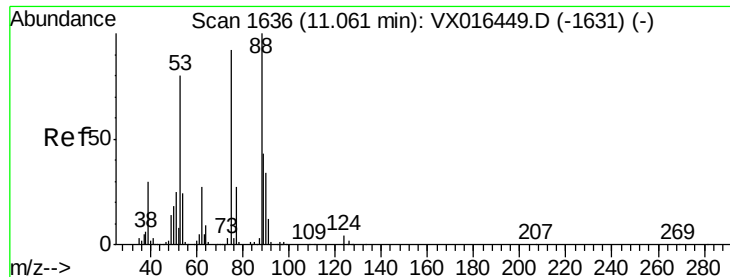
MMDadoda
 6/2/2020 11:34:45 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 49.987 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.9	24.3	72.8





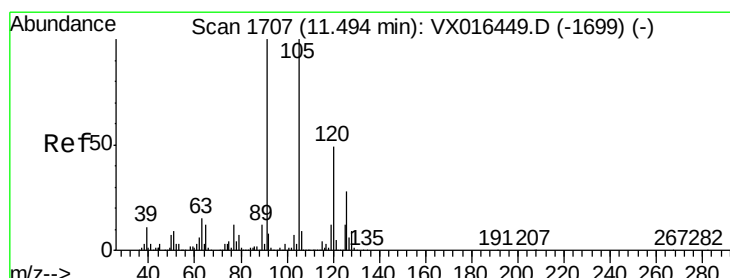
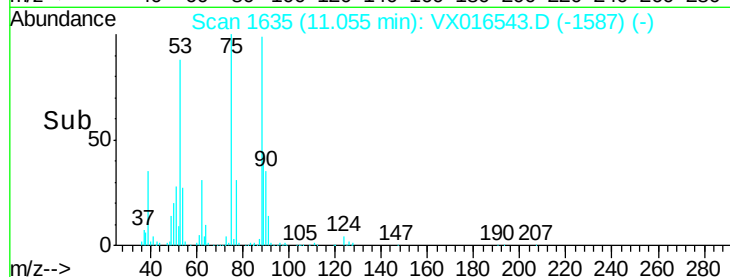
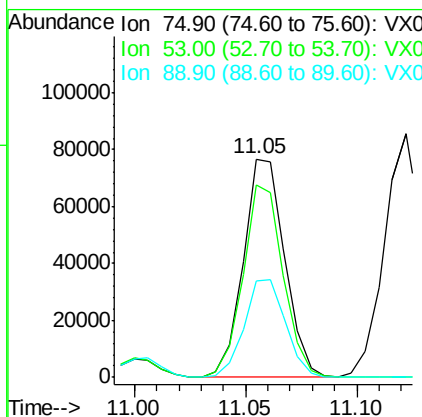
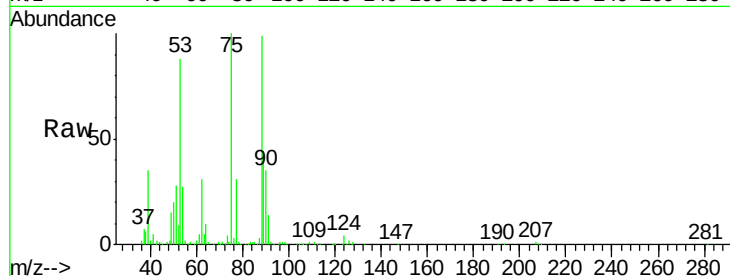
#81
trans-1,4-Dichloro-2-butene
Concen: 49.778 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	85.6	71.3	106.9
89	45.2	36.6	55.0

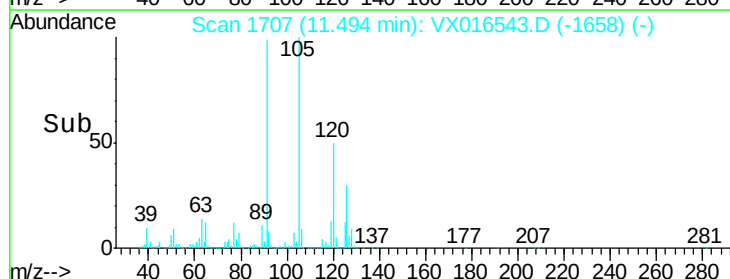
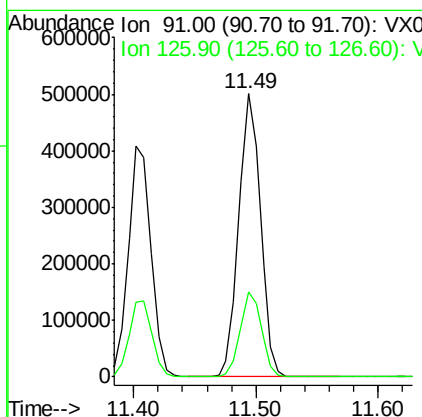
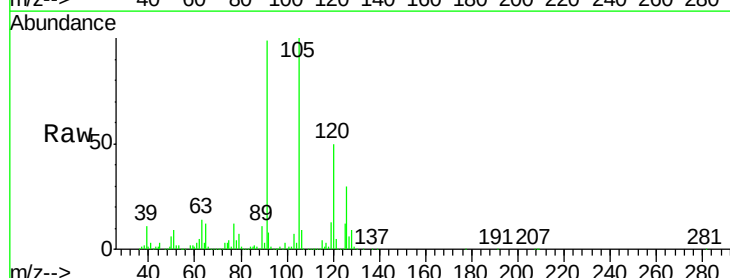
Manual Integrations
APPROVED

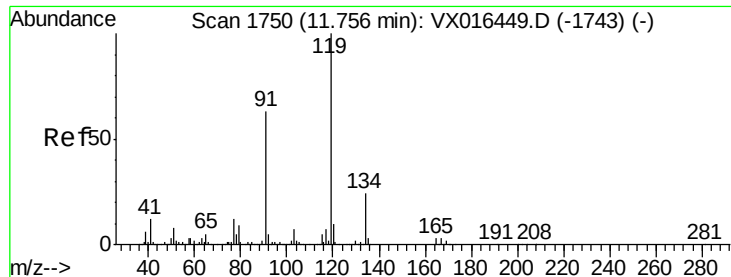
MMDadoda
6/2/2020 11:34:45 AM



#82
4-Chlorotoluene
Concen: 49.533 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.7	44.1





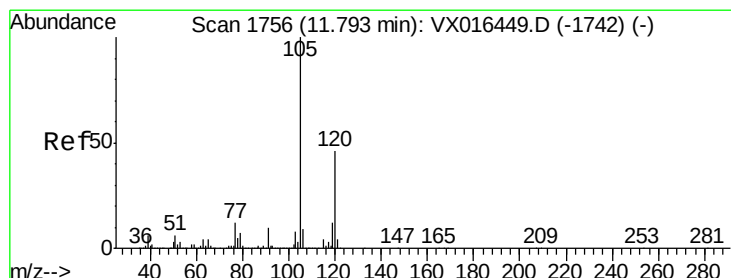
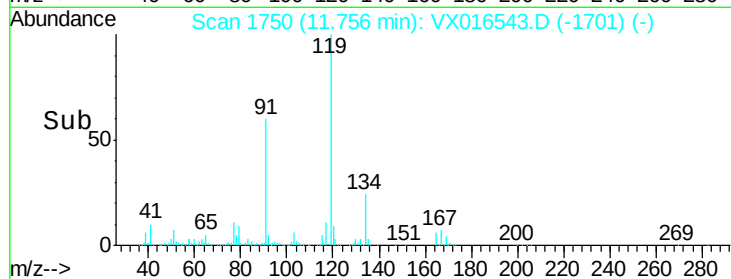
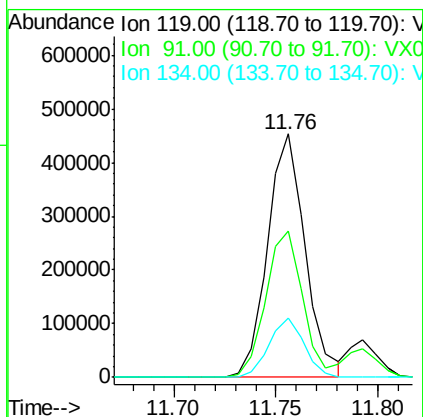
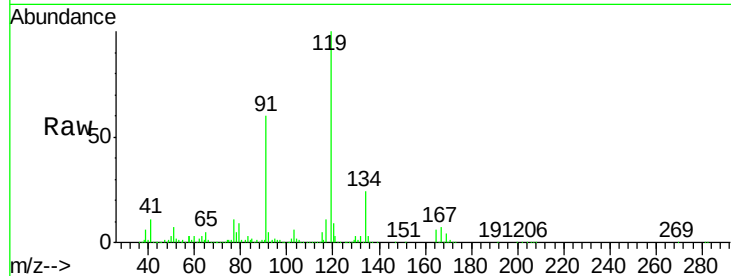
#83
 tert-Butylbenzene
 Concen: 52.927 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	582220		
91	58.6	31.3	93.8	
134	23.1	12.0	36.0	

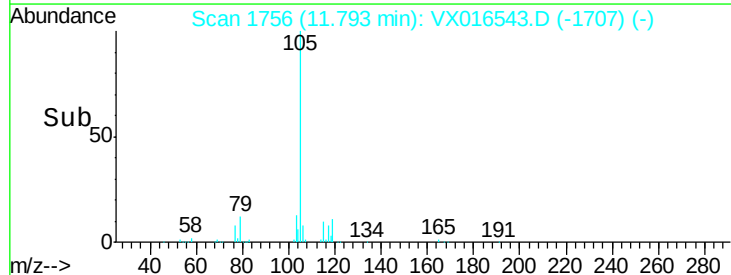
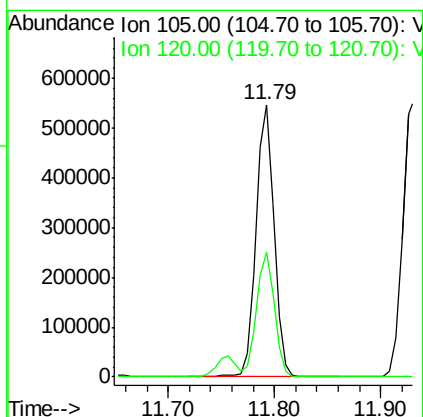
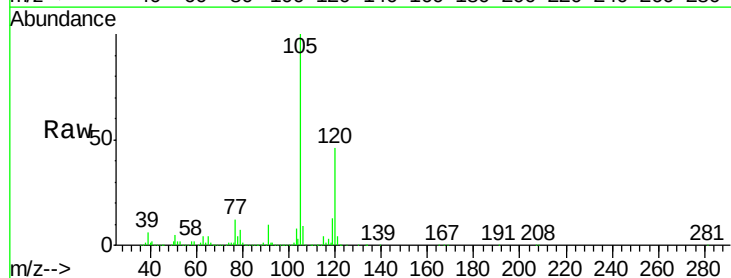
Manual Integrations
 APPROVED

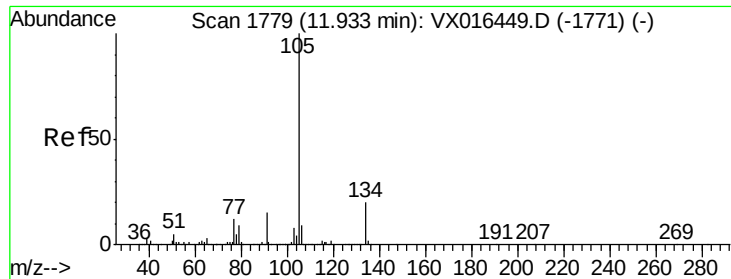
MMDadoda
 6/2/2020 11:34:45 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 49.911 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	649829		
120	45.5	22.6	67.7	





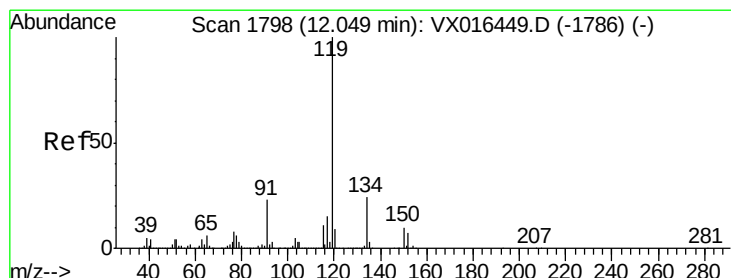
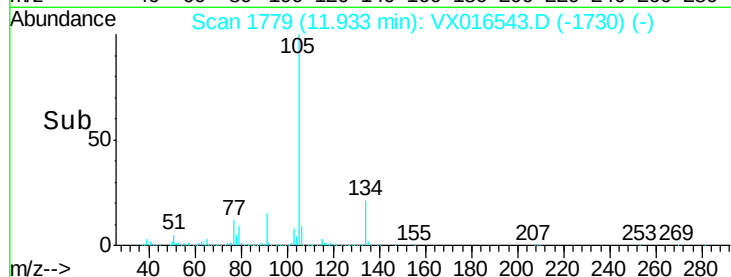
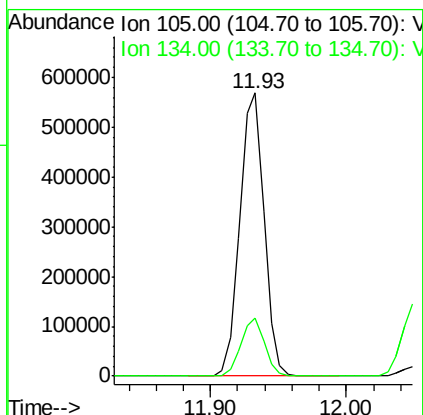
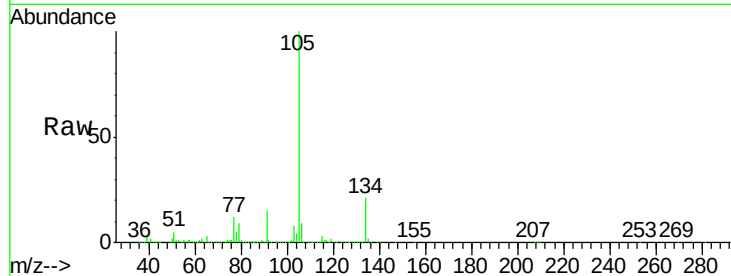
#85
 sec-Butylbenzene
 Concen: 50.978 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.1	30.3

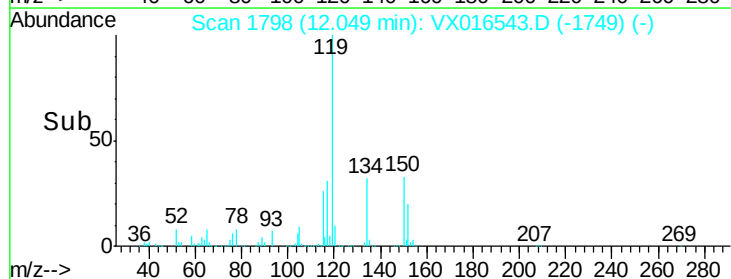
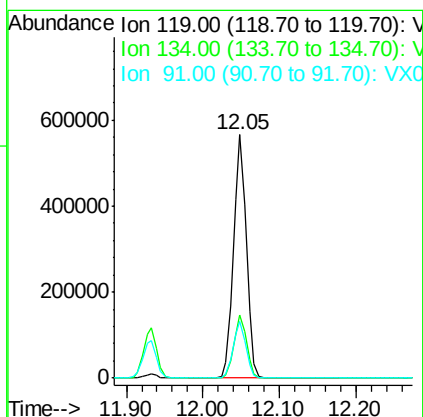
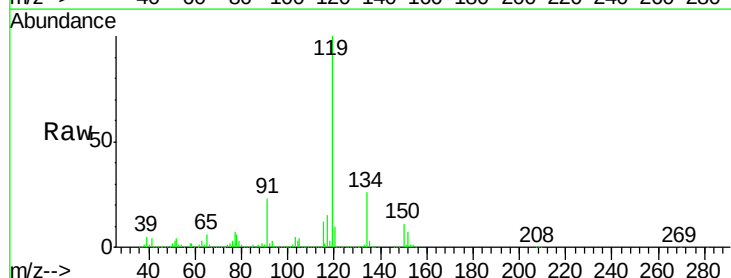
Manual Integrations
 APPROVED

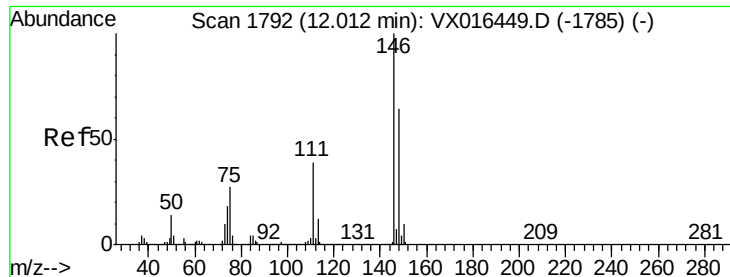
MMDadoda
 6/2/2020 11:34:45 AM



#86
 p-Isopropyltoluene
 Concen: 50.870 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	12.7	38.0
91	23.0	11.7	35.0





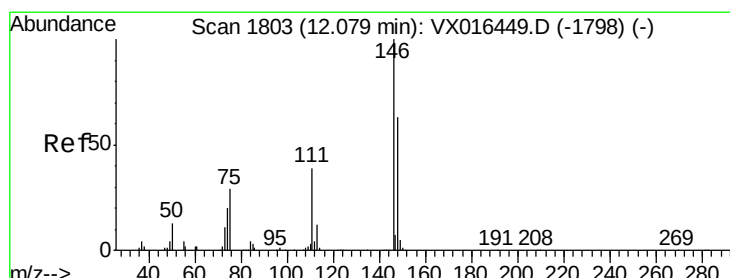
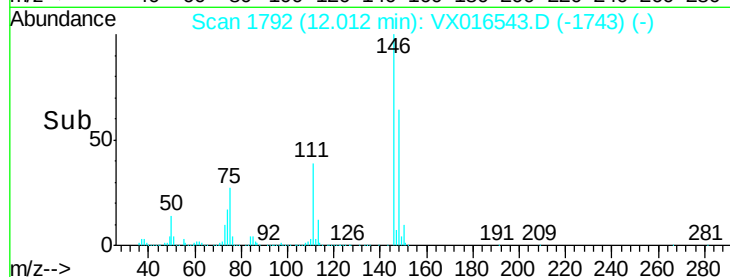
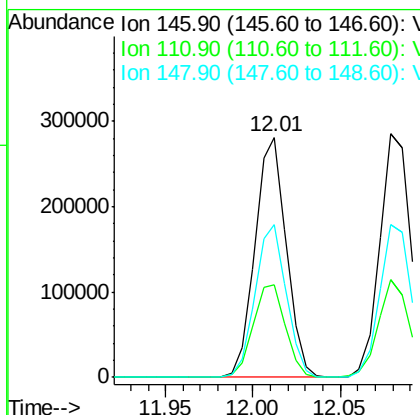
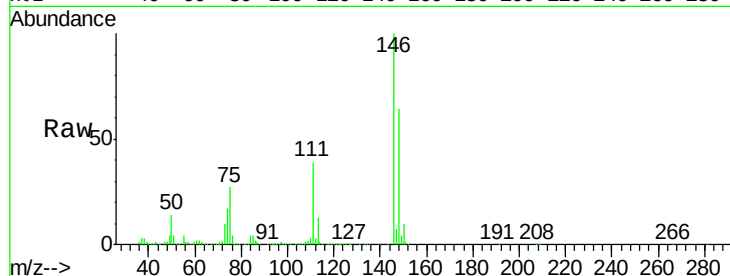
#87
 1,3-Dichlorobenzene
 Concen: 49.735 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.0	60.0
148	63.8	31.9	95.5

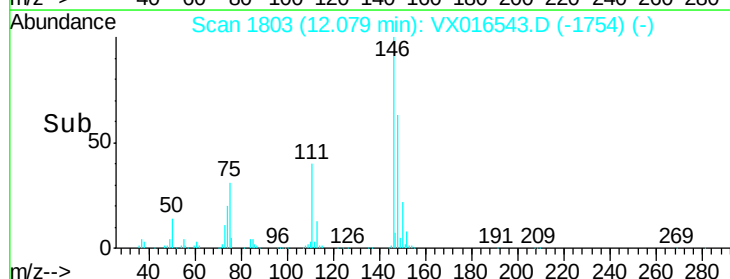
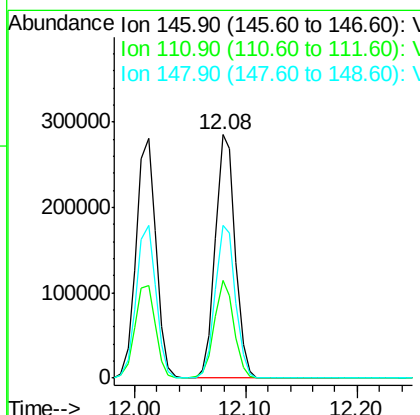
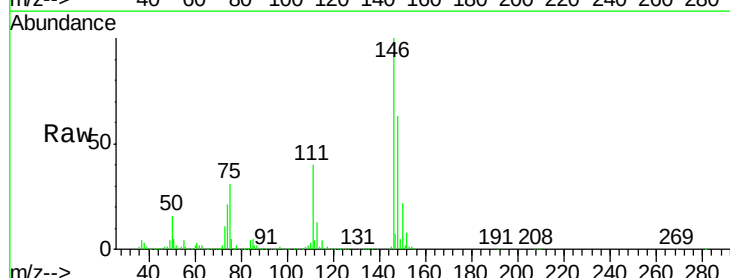
Manual Integrations
 APPROVED

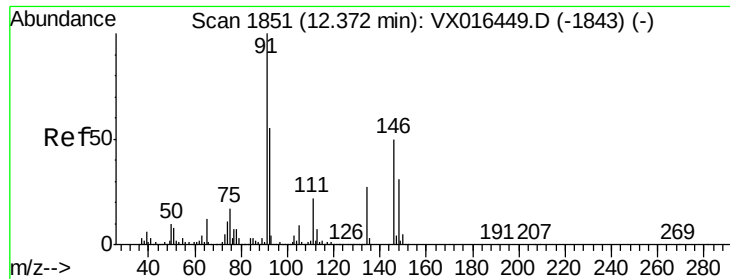
MMDadoda
 6/2/2020 11:34:45 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.156 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.4	58.2
148	63.5	31.4	94.3





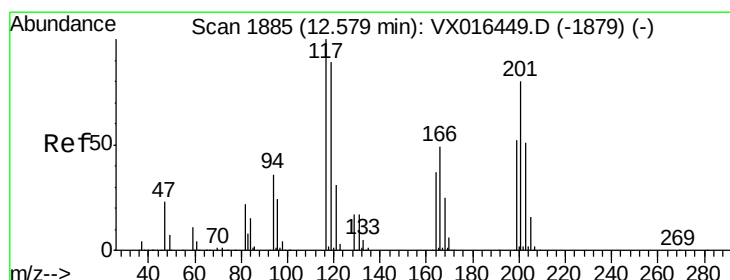
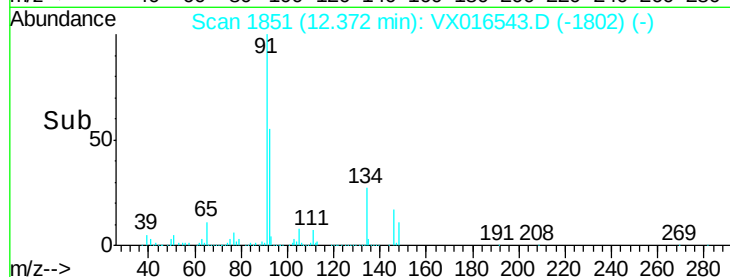
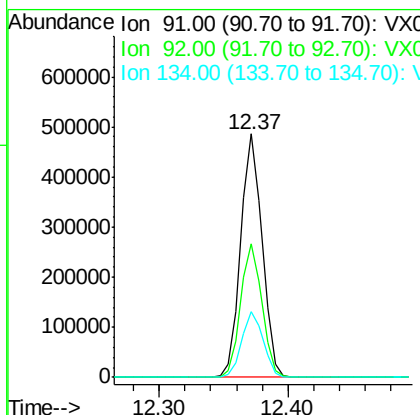
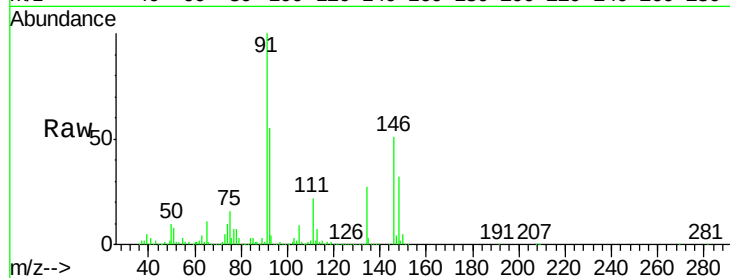
#89
n-Butylbenzene
Concen: 51.969 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.5
134	27.1	13.1	39.3

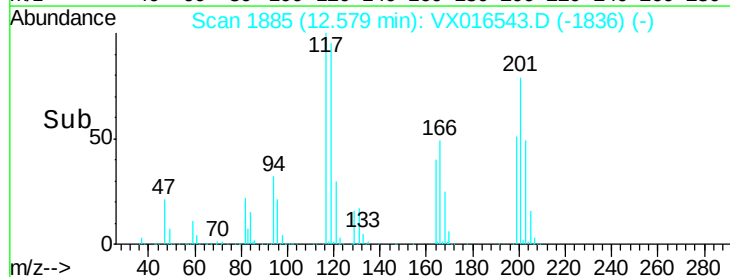
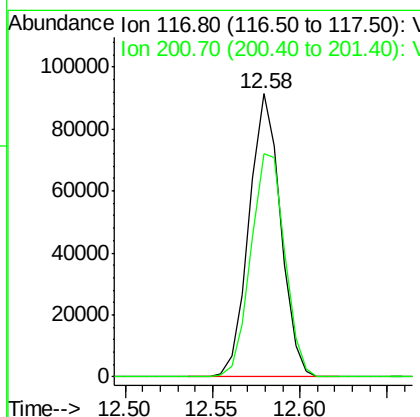
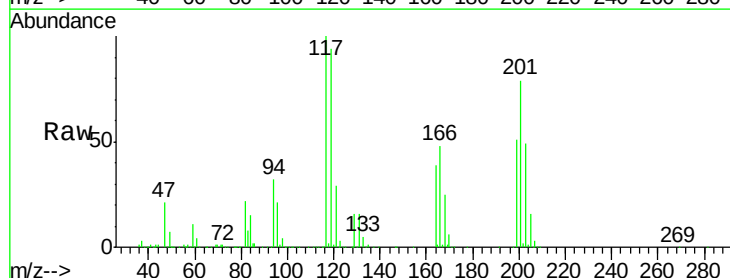
Manual Integrations
APPROVED

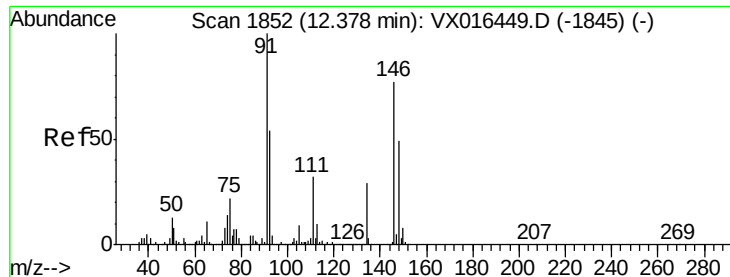
MMDadoda
6/2/2020 11:34:45 AM



#90
Hexachloroethane
Concen: 51.240 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016543.D
Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.8	43.1	129.3





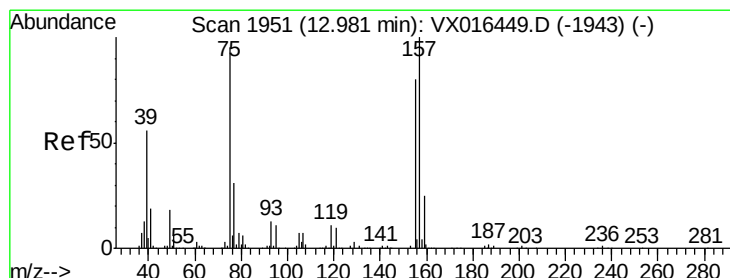
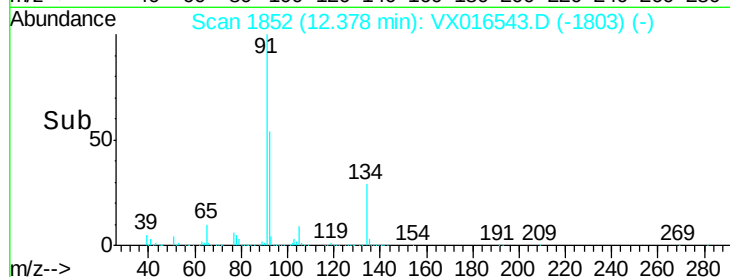
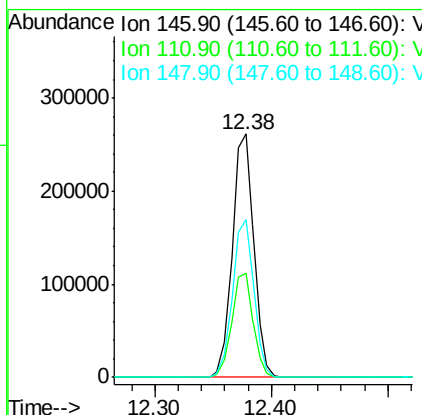
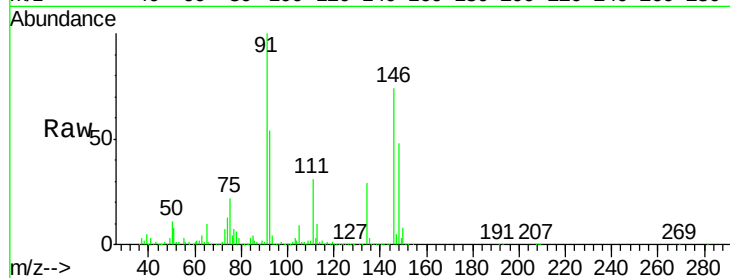
#91
 1,2-Dichlorobenzene
 Concen: 49.419 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.4	64.3
148	64.5	31.9	95.7

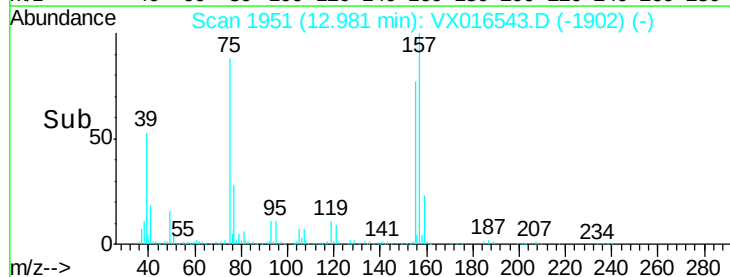
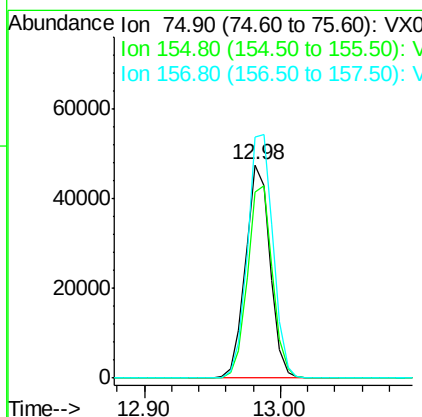
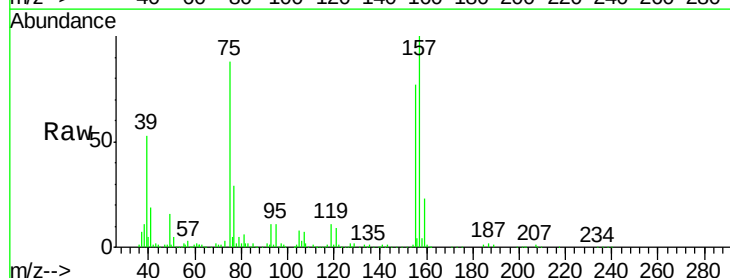
Manual Integrations
 APPROVED

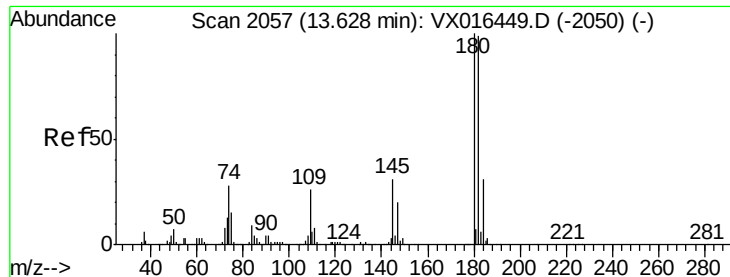
MMDadoda
 6/2/2020 11:34:45 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.972 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.7	44.1	132.4
157	118.9	57.8	173.3





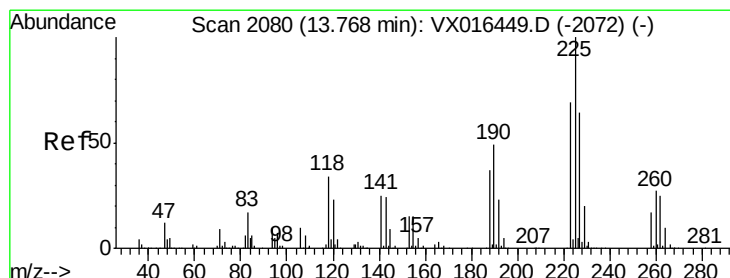
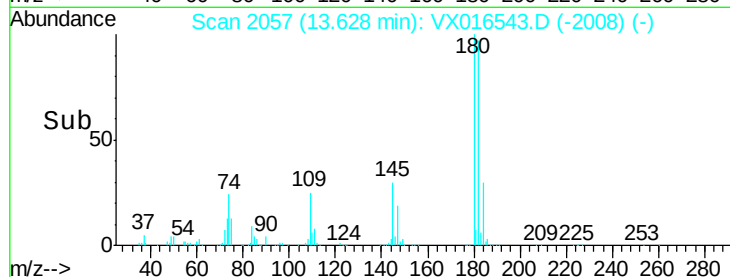
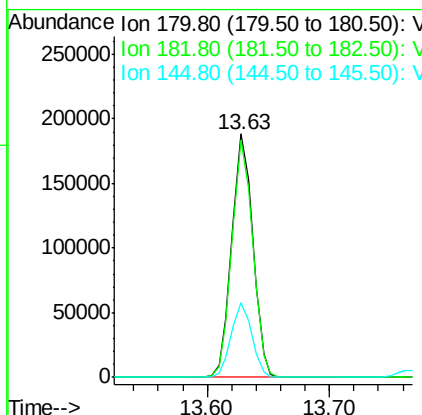
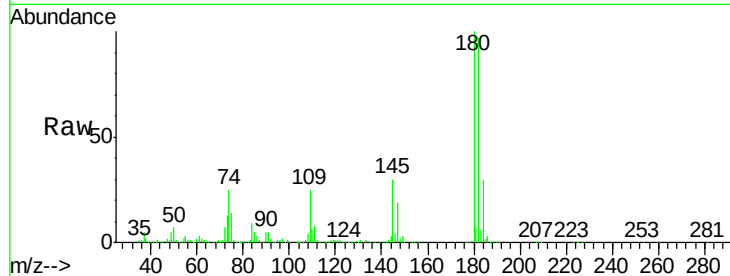
#93
 1,2,4-Trichlorobenzene
 Concen: 49.437 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	222862		
182	96.7	48.3	144.8	
145	30.4	15.4	46.2	

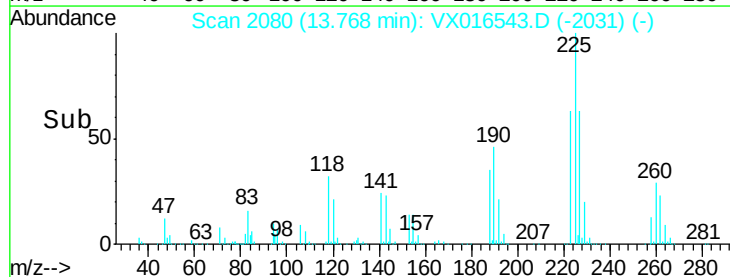
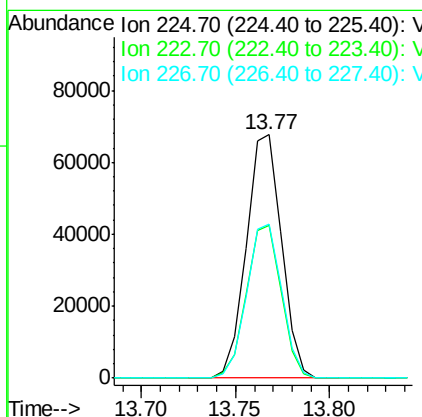
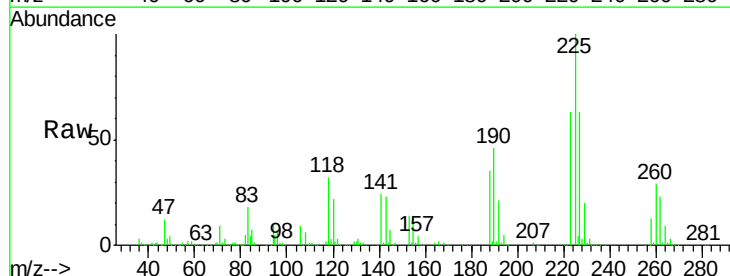
Manual Integrations
 APPROVED

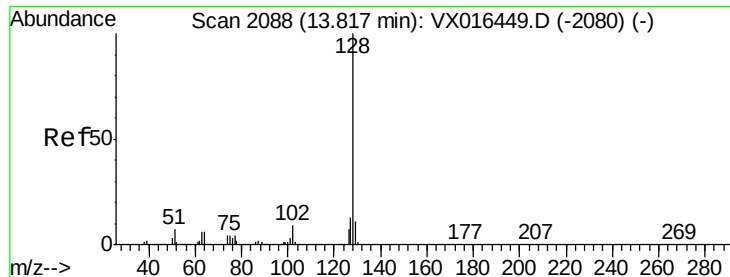
MMDadoda
 6/2/2020 11:34:45 AM



#94
 Hexachlorobutadiene
 Concen: 49.581 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016543.D
 Acq: 01 Jun 2020 20:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	87757		
223	62.1	32.3	96.8	
227	62.8	31.6	94.7	





#95

Naphthalene

Concen: 46.152 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Instrument :

MSVOA_X

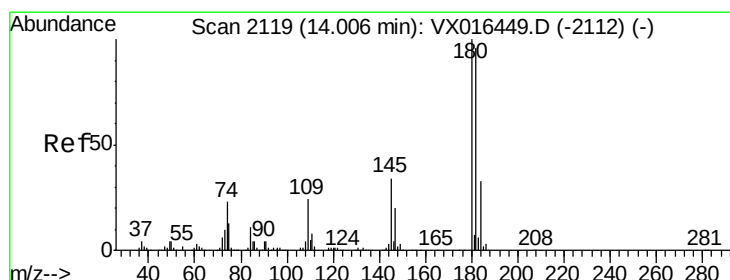
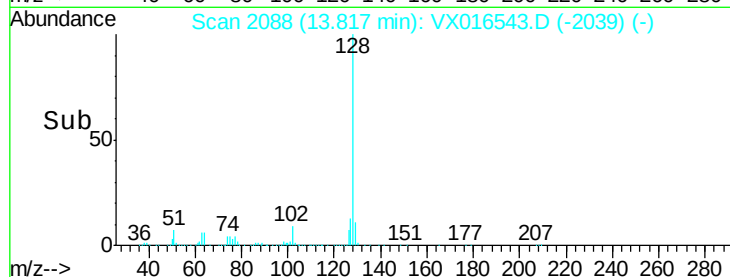
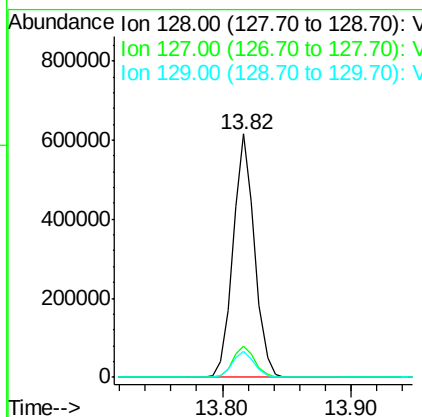
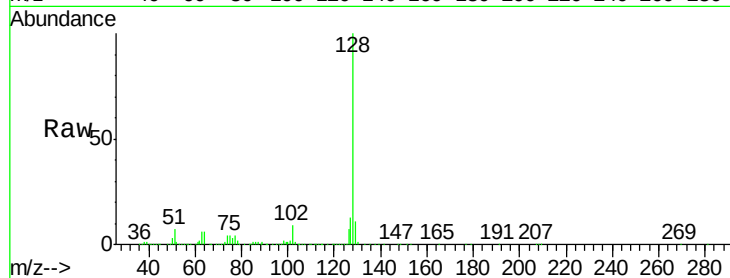
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	713230
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	15.8
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:45 AM



#96

1,2,3-Trichlorobenzene

Concen: 47.330 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX016543.D

Acq: 01 Jun 2020 20:39

Tgt Ion:	180	Resp:	209031
Ion Ratio	Lower	Upper	
180	100		
182	93.6	48.6	145.8
145	32.4	16.6	49.8

