

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061120\
 Data File : VX016710.D
 Acq On : 11 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2963-19MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:32 PM

Quant Time: Jun 12 07:41:57 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	5.63	168	211562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	319236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	304263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160199	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	126778	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
35) Dibromofluoromethane	5.46	113	104779	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	
50) Toluene-d8	8.70	98	386850	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.12	95	149876	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	86034	41.323	ug/l	97
3) Chloromethane	1.31	50	96052	38.176	ug/l	100
4) Vinyl Chloride	1.39	62	139336	52.367	ug/l	100
5) Bromomethane	1.62	94	63941	49.424	ug/l	100
6) Chloroethane	1.70	64	73012	47.041	ug/l	99
7) Trichlorofluoromethane	1.91	101	181222	51.862	ug/l	97
8) Diethyl Ether	2.17	74	68611	47.088	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	96211	50.027	ug/l	96
10) Methyl Iodide	2.49	142	113738	49.532	ug/l	99
11) Tert butyl alcohol	3.02	59	150997	224.122	ug/l	100
12) 1,1-Dichloroethene	2.35	96	98691	48.481	ug/l	99
13) Acrolein	2.27	56	68447	238.828	ug/l	97
14) Allyl chloride	2.70	41	158616	42.368	ug/l	97
15) Acrylonitrile	3.12	53	320482	232.218	ug/l	100
16) Acetone	2.42	43	268842	233.554	ug/l	99
17) Carbon Disulfide	2.55	76	250036	41.361	ug/l	100
18) Methyl Acetate	2.75	43	142091	48.128	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	364663	49.886	ug/l	98
20) Methylene Chloride	2.83	84	113342	47.592	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	108193	48.050	ug/l	92
22) Diisopropyl ether	3.82	45	315521	43.872	ug/l	98
23) Vinyl Acetate	3.78	43	1374878	218.406	ug/l	96
24) 1,1-Dichloroethane	3.67	63	190537	46.940	ug/l	100
25) 2-Butanone	4.64	43	430990	220.966	ug/l	95
26) 2,2-Dichloropropane	4.56	77	163154	49.120	ug/l	89
27) cis-1,2-Dichloroethene	4.56	96	336935	129.346	ug/l	91
28) Bromochloromethane	4.98	49	79239	42.007	ug/l	85
29) Tetrahydrofuran	5.09	42	274360	217.728	ug/l	92
30) Chloroform	5.18	83	206309	50.442	ug/l	100
31) Cyclohexane	5.54	56	146528	40.125	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	190838	51.538	ug/l	98
36) 1,1-Dichloropropene	5.77	75	142482	47.139	ug/l	98
37) Ethyl Acetate	4.79	43	159368	43.917	ug/l	97
38) Carbon Tetrachloride	5.75	117	169994	53.518	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
 Data File : VX016710.D
 Acq On : 11 Jun 2020 17:28
 Operator : JC/SP
 Sample : L2963-19MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 LF014RW131-200608MSD

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:32 PM

Quant Time: Jun 12 07:41:57 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	148918	45.360	ug/l	98
40) Benzene	6.12	78	439230	48.798	ug/l	100
41) Methacrylonitrile	5.00	41	88878	44.589	ug/l	95
42) 1,2-Dichloroethane	6.16	62	161464	50.442	ug/l	99
43) Isopropyl Acetate	6.42	43	253063	44.708	ug/l	97
44) Trichloroethene	7.19	130	141558	49.568	ug/l	97
45) 1,2-Dichloropropane	7.49	63	111574	48.691	ug/l	99
46) Dibromomethane	7.64	93	77984	50.668	ug/l	93
47) Bromodichloromethane	7.88	83	169229	53.102	ug/l	100
48) Methyl methacrylate	7.75	41	124098	45.790	ug/l	95
49) 1,4-Dioxane	7.71	88	57722	910.085	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	828462	235.060	ug/l	97
52) Toluene	8.77	92	287173	50.594	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	187558	51.758	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	189316	49.357	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	121117	53.668	ug/l	97
56) Ethyl methacrylate	9.16	69	186399	50.715	ug/l	96
57) 1,3-Dichloropropane	9.35	76	199461	51.492	ug/l	99
59) 2-Hexanone	9.48	43	648013	236.429	ug/l	97
60) Dibromochloromethane	9.57	129	143897	56.659	ug/l	100
61) 1,2-Dibromoethane	9.65	107	129607	53.630	ug/l	99
64) Tetrachloroethene	9.32	164	156591	46.001	ug/l	98
65) Chlorobenzene	10.12	112	390201	62.904	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	130167	54.972	ug/l	98
67) Ethyl Benzene	10.24	91	549297	49.737	ug/l	99
68) m/p-Xylenes	10.34	106	417131	101.867	ug/l	100
69) o-Xylene	10.68	106	199773	50.376	ug/l	99
70) Styrene	10.69	104	360407	52.873	ug/l	99
71) Bromoform	10.84	173	113555	56.744	ug/l #	98
73) Isopropylbenzene	11.01	105	541331	48.769	ug/l	99
74) N-amyl acetate	10.88	43	212873	41.694	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	152934	54.976	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	167560m	47.585	ug/l	
77) Bromobenzene	11.24	156	145872	50.106	ug/l	95
78) n-propylbenzene	11.34	91	593458	47.856	ug/l	98
79) 2-Chlorotoluene	11.41	91	369395	48.800	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	463597	50.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	65395	45.683	ug/l	99
82) 4-Chlorotoluene	11.49	91	438312	49.035	ug/l	99
83) tert-Butylbenzene	11.76	119	415990	52.529	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	473918	50.561	ug/l	99
85) sec-Butylbenzene	11.93	105	491629	49.487	ug/l	100
86) p-Isopropyltoluene	12.05	119	467150	50.199	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	255827	50.721	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	259777	50.359	ug/l	99
89) n-Butylbenzene	12.37	91	379130	48.912	ug/l	99
90) Hexachloroethane	12.58	117	83646	52.038	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	249258	51.008	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	44045	48.881	ug/l	94
93) 1,2,4-Trichlorobenzene	13.63	180	173408	53.432	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061120\
Data File : VX016710.D
Acq On : 11 Jun 2020 17:28
Operator : JC/SP
Sample : L2963-19MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

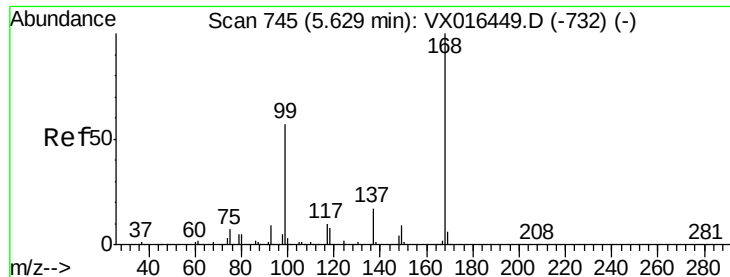
Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM

Quant Time: Jun 12 07:41:57 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)
94) Hexachlorobutadiene	13.77	225	70455	55.293	ug/l	99
95) Naphthalene	13.82	128	575686	51.744	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	171097	53.813	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion:168 Resp: 211562

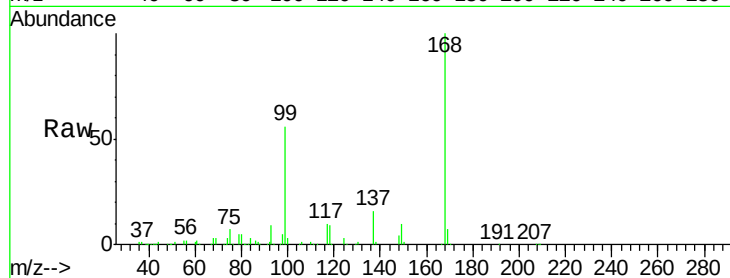
Ion Ratio Lower Upper

168 100

99 55.9 45.2 67.8

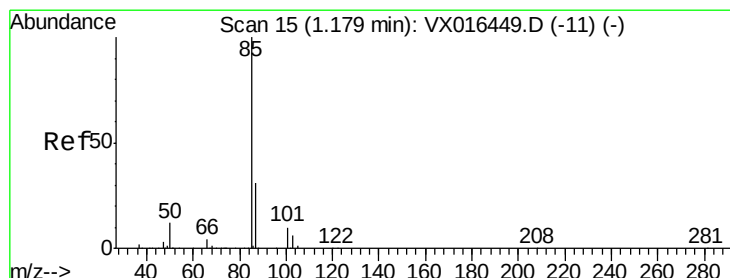
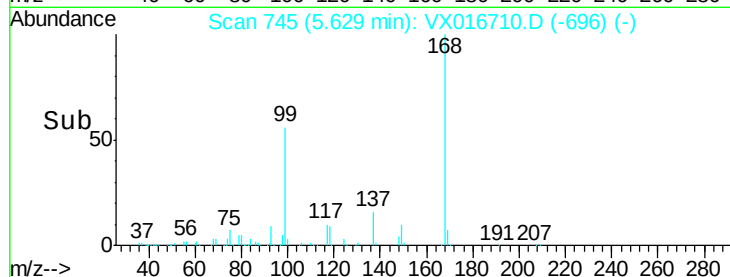
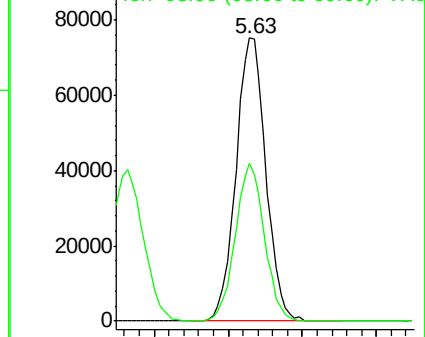
Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 41.323 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016710.D

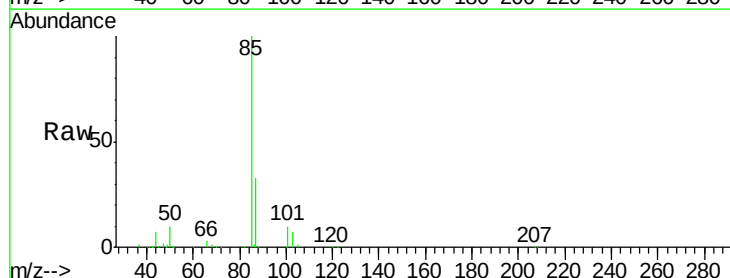
Acq: 11 Jun 2020 17:28

Tgt Ion: 85 Resp: 86034

Ion Ratio Lower Upper

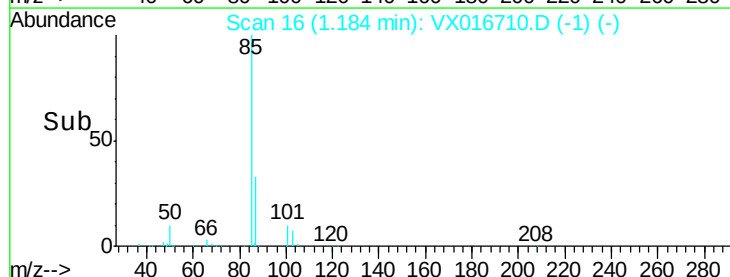
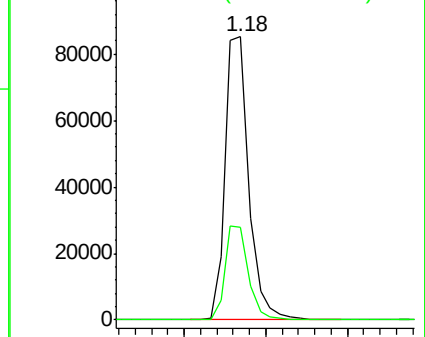
85 100

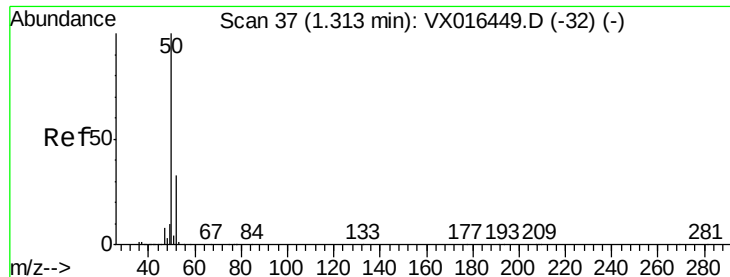
87 32.7 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.176 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion: 50 Resp: 96052

Ion Ratio Lower Upper

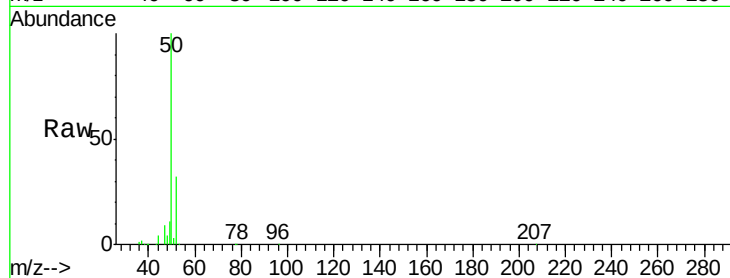
50 100

52 32.5 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

6/12/2020 5:45:32 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

100000

80000

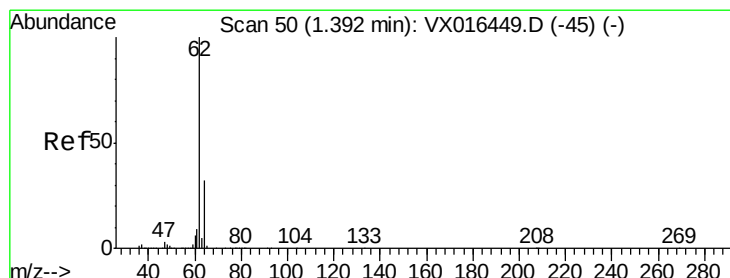
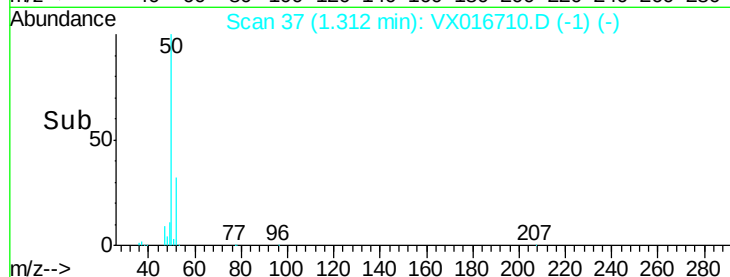
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 52.367 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016710.D

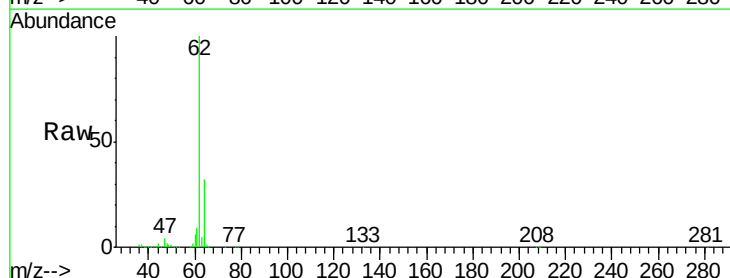
Acq: 11 Jun 2020 17:28

Tgt Ion: 62 Resp: 139336

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

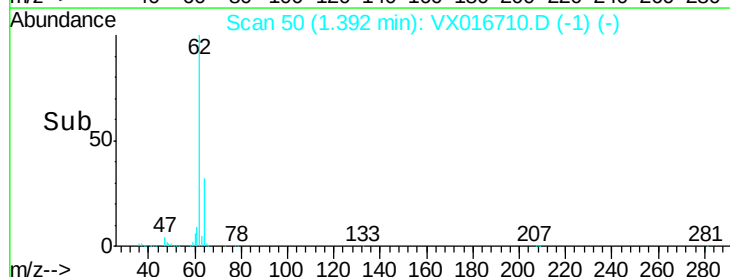
150000

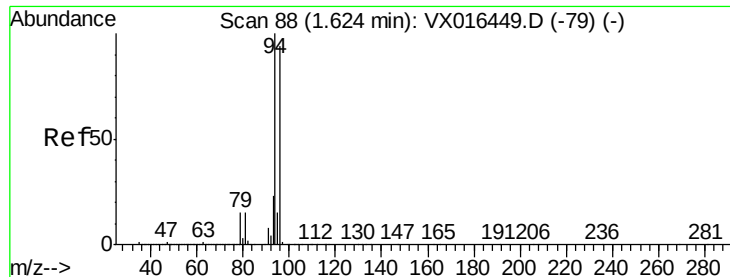
100000

50000

0

Time-->





#5

Bromomethane

Concen: 49.424 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion: 94 Resp: 63941

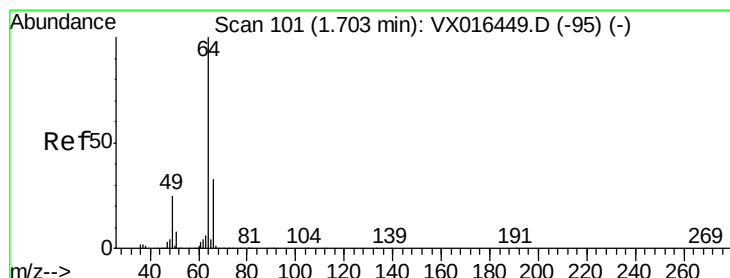
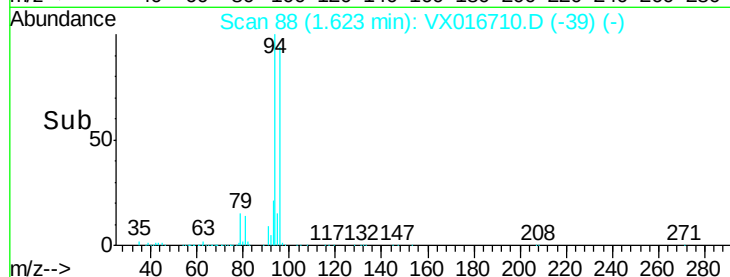
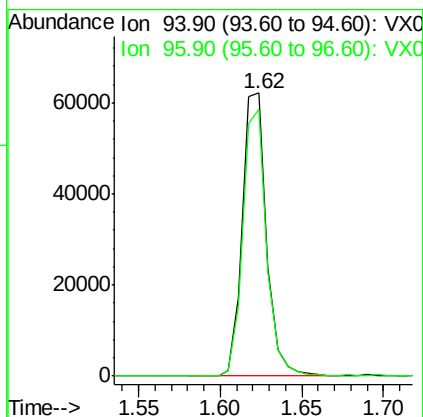
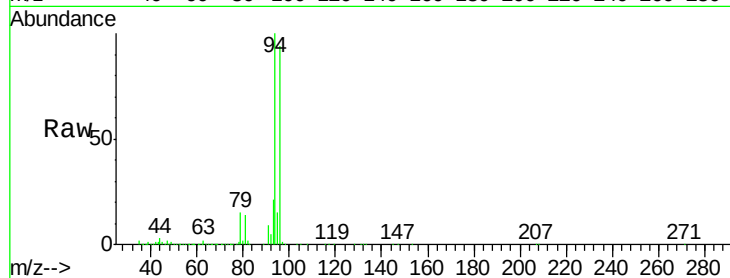
Ion Ratio Lower Upper

94 100

96 94.3 75.1 112.7

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#6

Chloroethane

Concen: 47.041 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016710.D

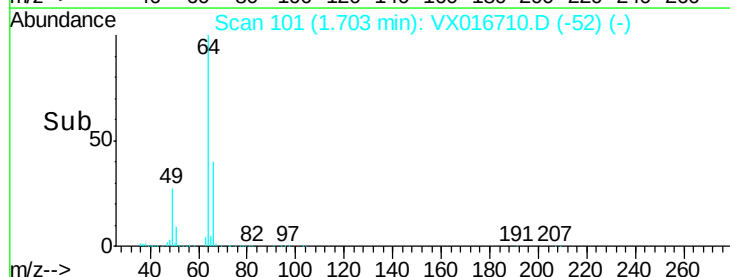
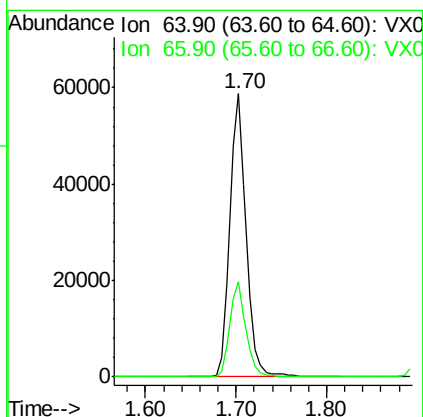
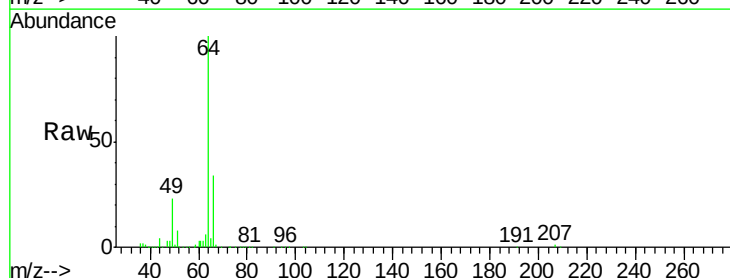
Acq: 11 Jun 2020 17:28

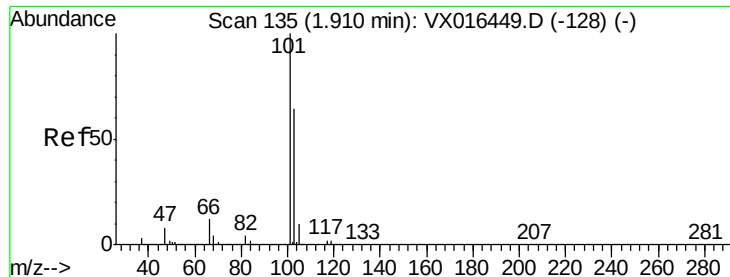
Tgt Ion: 64 Resp: 73012

Ion Ratio Lower Upper

64 100

66 33.7 26.7 40.1





#7

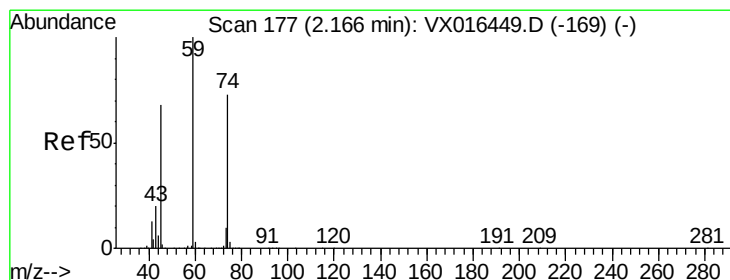
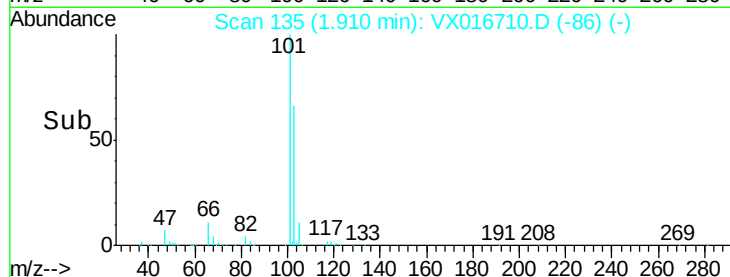
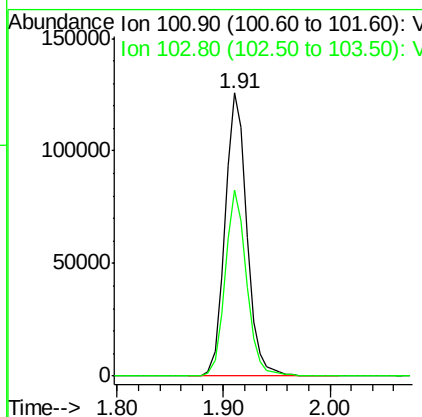
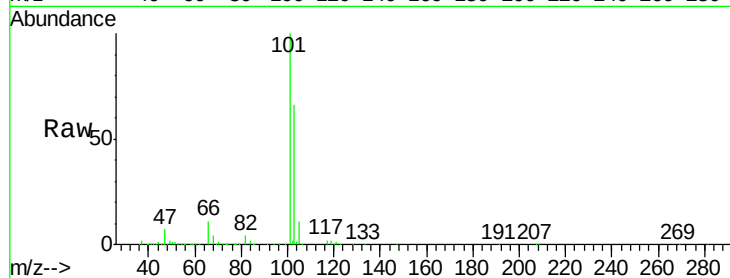
Trichlorofluoromethane
Concen: 51.862 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.9	76.3

Manual Integrations
APPROVED

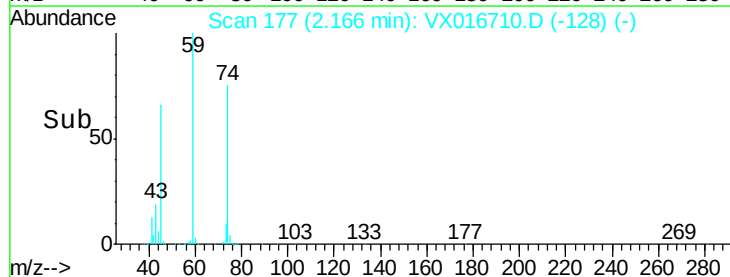
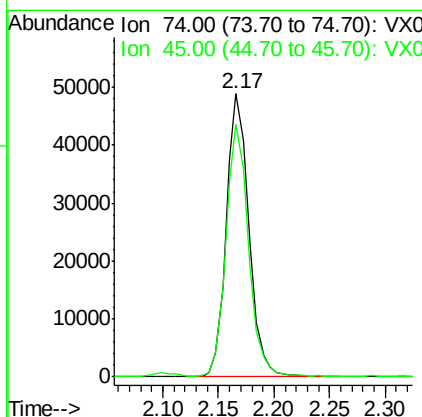
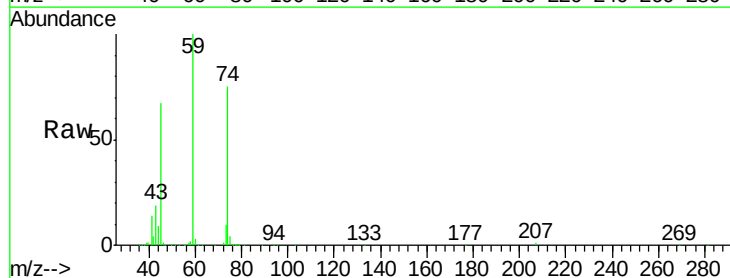
MMDadoda
6/12/2020 5:45:32 PM

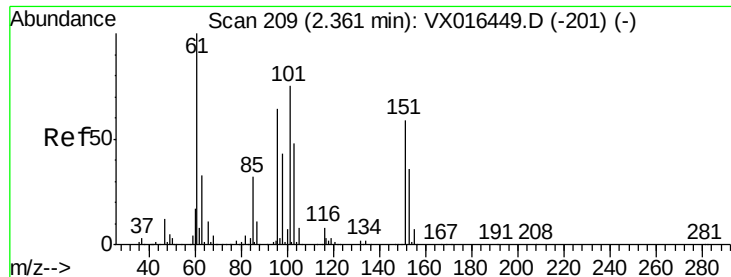


#8

Diethyl Ether
Concen: 47.088 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.027 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

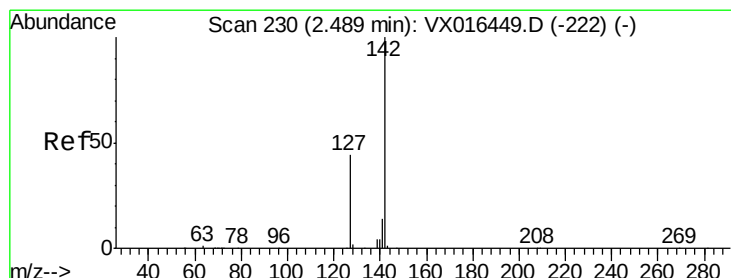
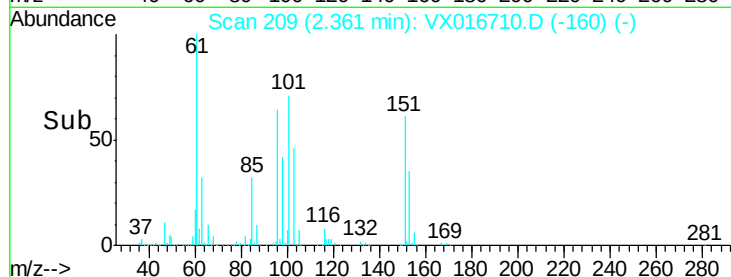
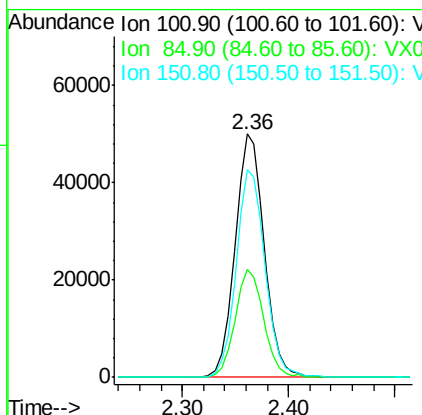
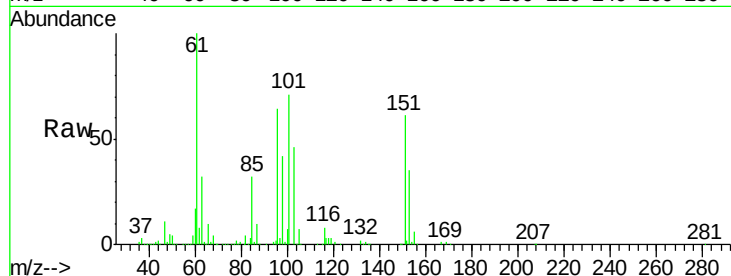
ClientSampleId :

LF014RW131-200608MSD

Tot Ion:	101	Resp:	96211
Ion Ratio	Lower	Upper	
101	100		
85	43.7	34.4	51.6
151	84.9	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#10

Methyl Iodide

Concen: 49.532 ug/l

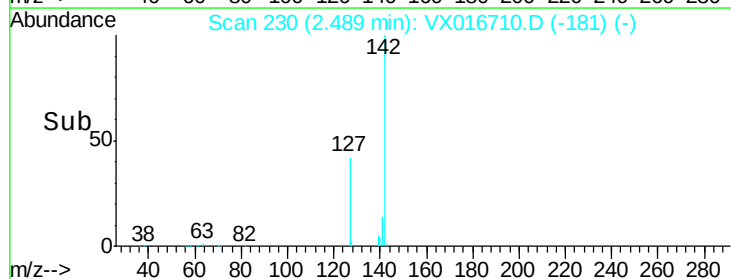
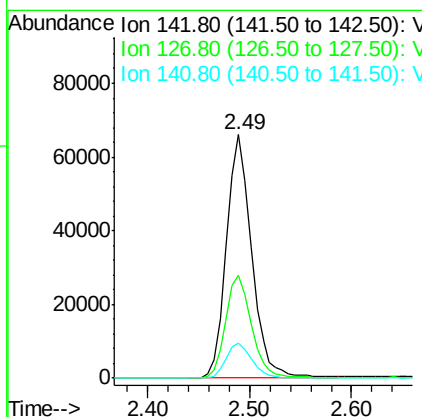
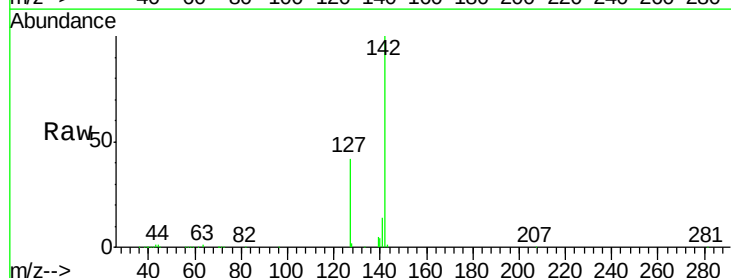
RT: 2.49 min Scan# 230

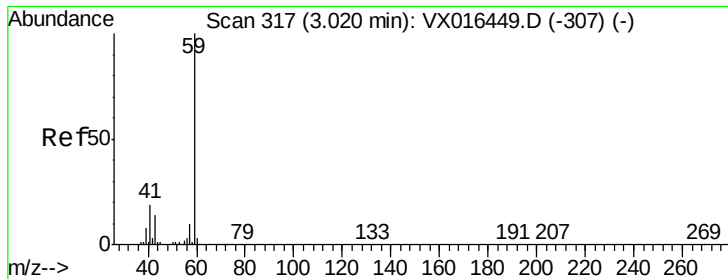
Delta R.T. 0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion:	142	Resp:	113738
Ion Ratio	Lower	Upper	
142	100		
127	43.5	35.3	52.9
141	14.4	11.4	17.2





#11

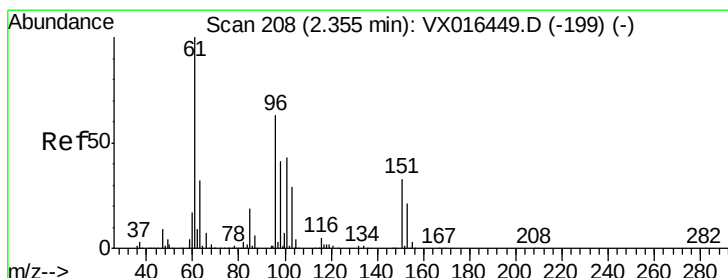
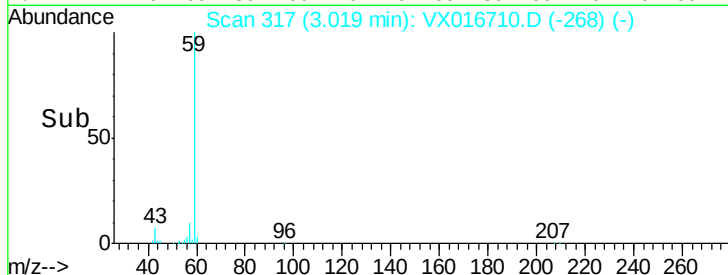
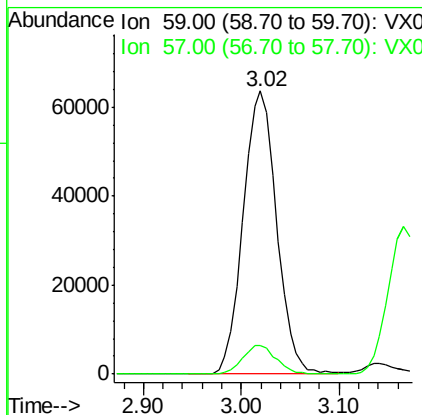
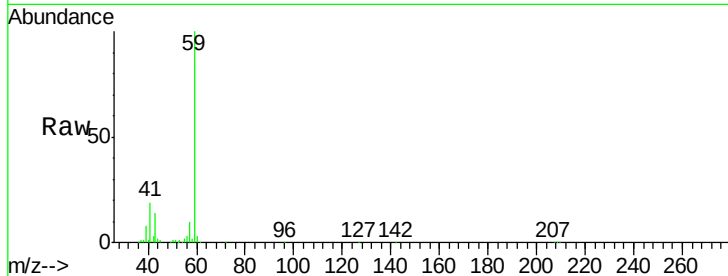
Tert butyl alcohol
 Concen: 224.122 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
 APPROVED

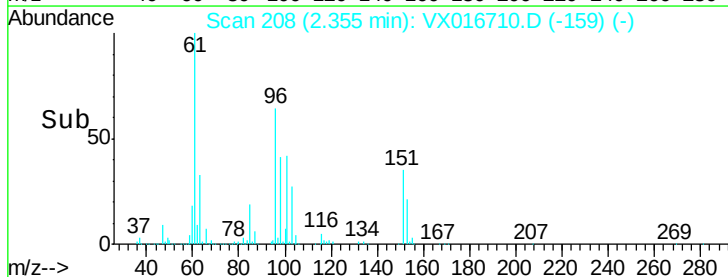
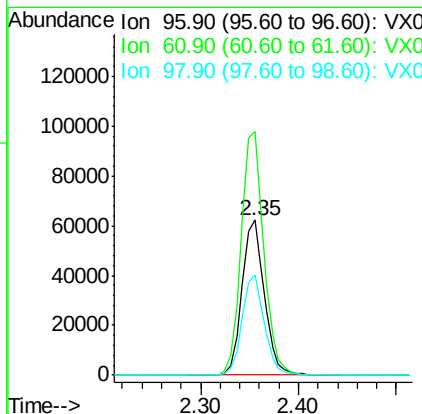
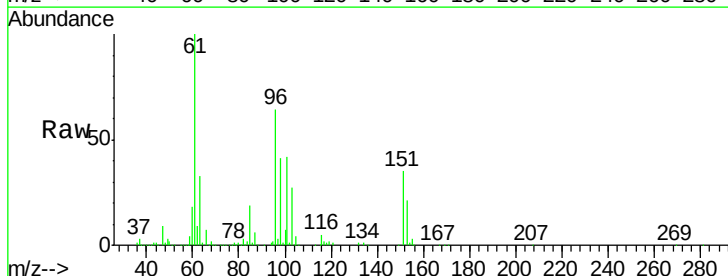
MMDadoda
 6/12/2020 5:45:32 PM

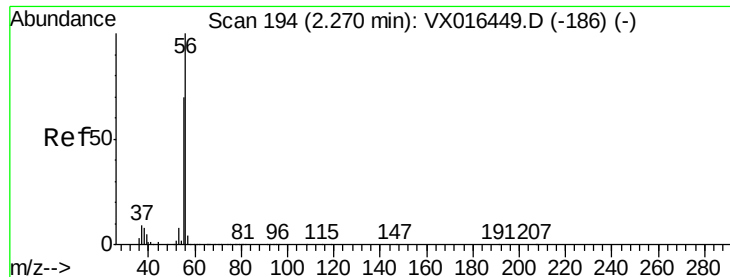


#12

1,1-Dichloroethene
 Concen: 48.481 ug/l
 RT: 2.35 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.9	126.6	189.8
98	64.8	51.3	76.9





#13

Acrolein

Concen: 238.828 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion: 56 Resp: 68447

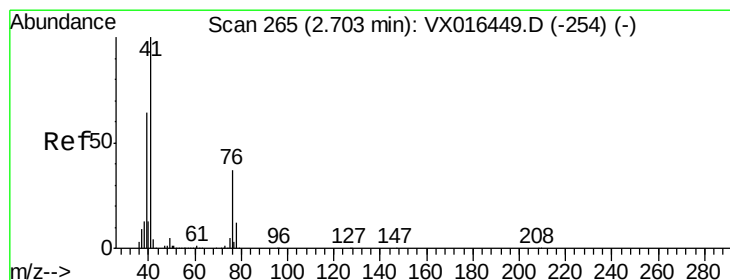
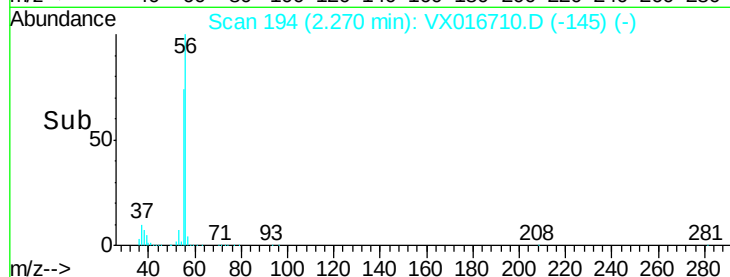
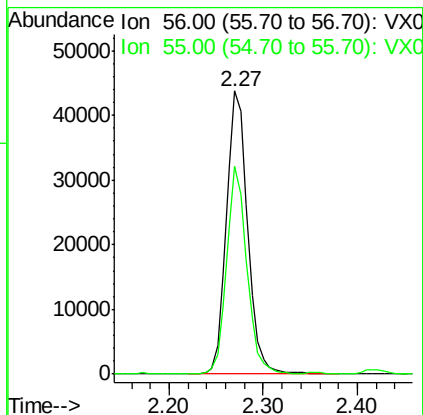
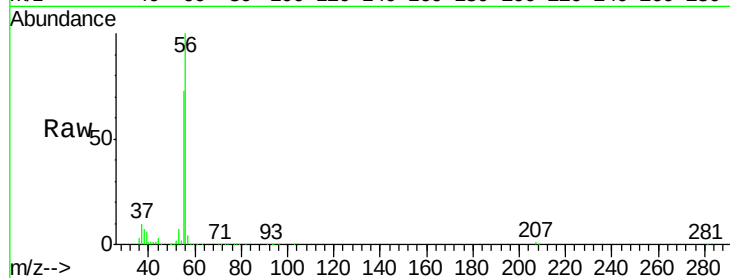
Ion Ratio Lower Upper

56 100

55 70.2 58.3 87.5

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#14

Allyl chloride

Concen: 42.368 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

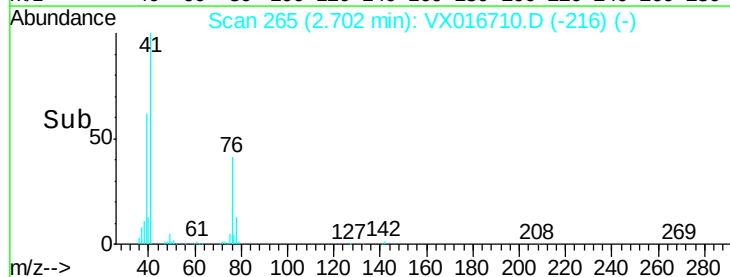
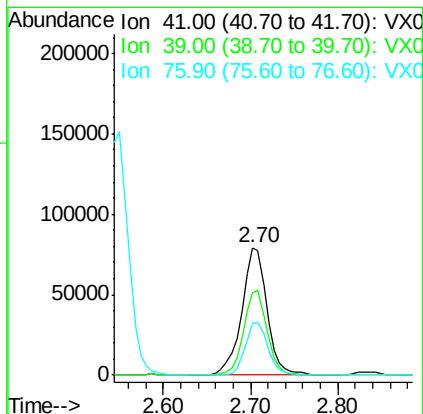
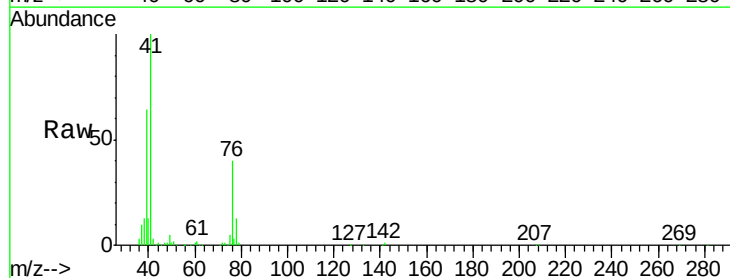
Tgt Ion: 41 Resp: 158616

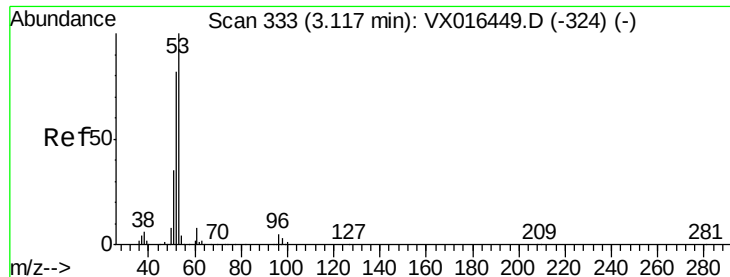
Ion Ratio Lower Upper

41 100

39 60.8 47.7 71.5

76 37.0 26.6 40.0





#15

Acrylonitrile

Concen: 232.218 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

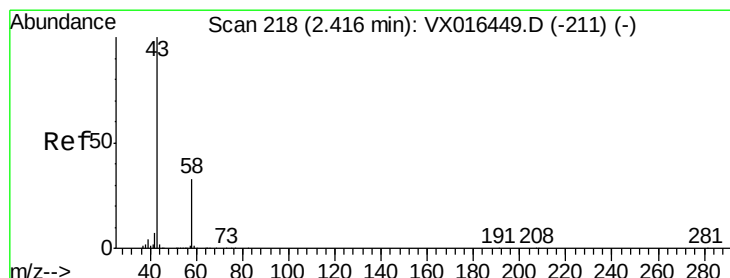
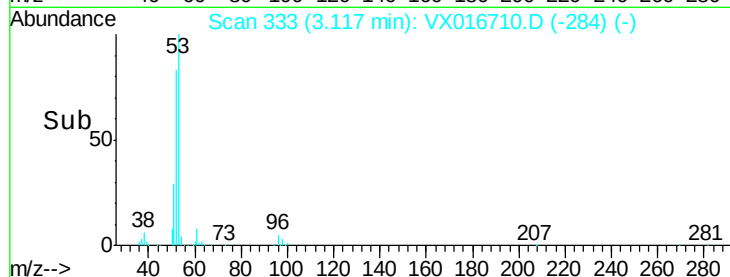
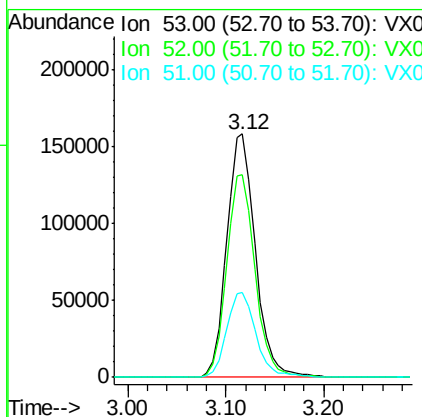
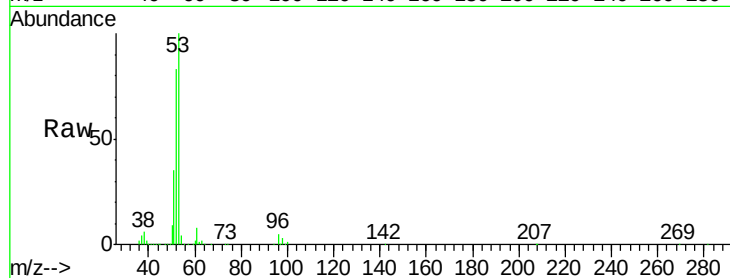
ClientSampleId :

LF014RW131-200608MSD

Tot Ion:	53	Resp:	320482
Ion	Ratio	Lower	Upper
53	100		
52	83.0	66.7	100.1
51	35.8	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#16

Acetone

Concen: 233.554 ug/l

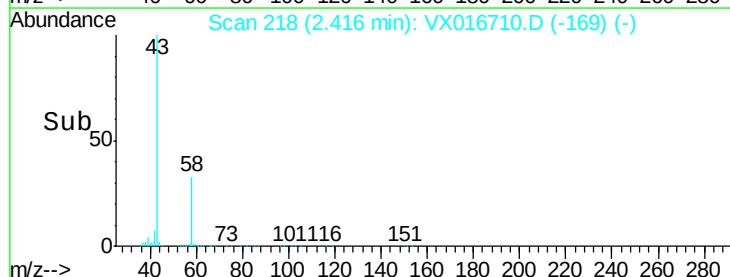
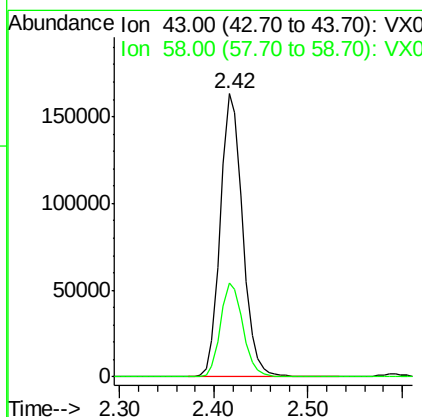
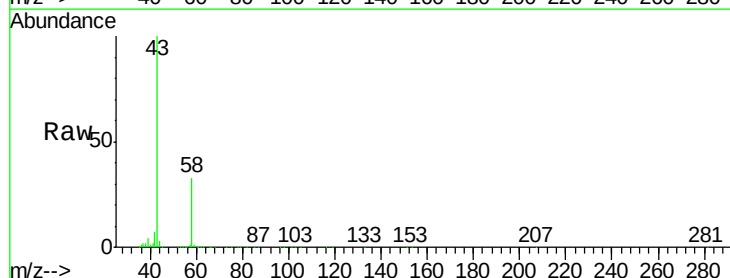
RT: 2.42 min Scan# 218

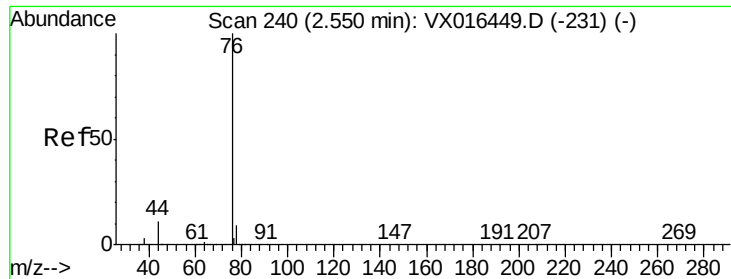
Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion:	43	Resp:	268842
Ion	Ratio	Lower	Upper
43	100		
58	33.1	26.1	39.1





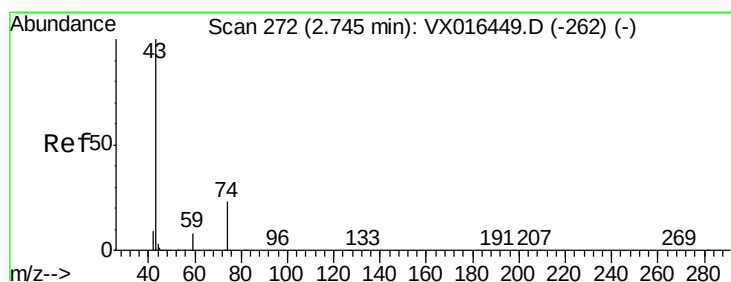
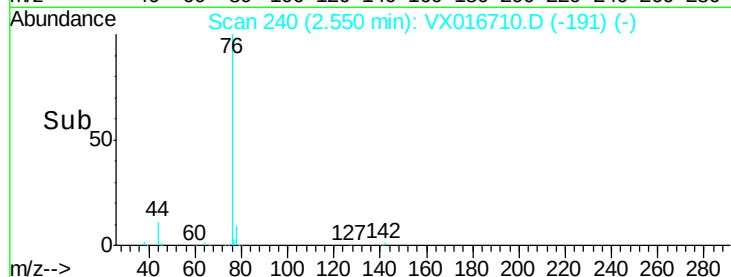
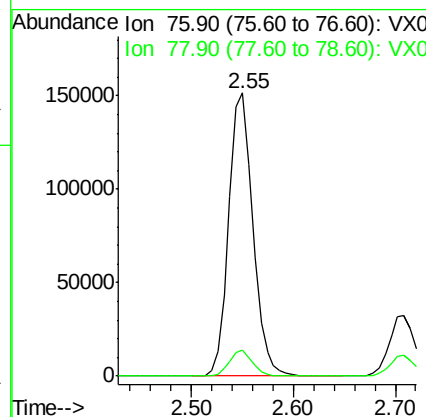
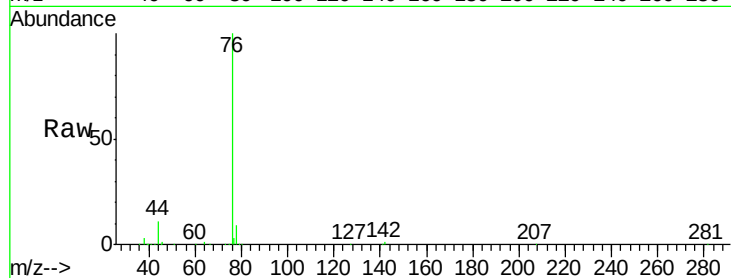
#17
Carbon Disulfide
Concen: 41.361 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

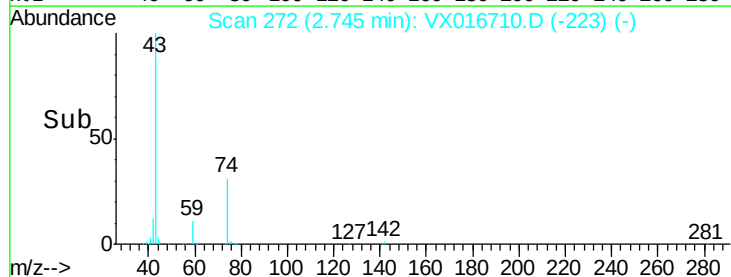
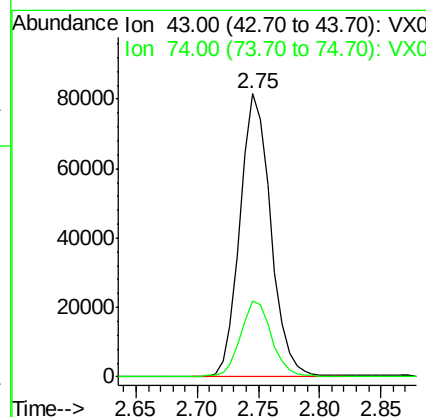
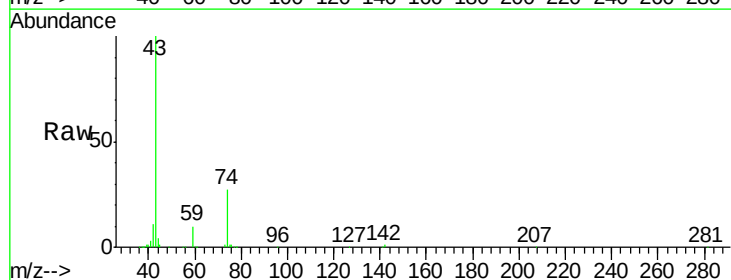
Manual Integrations
APPROVED

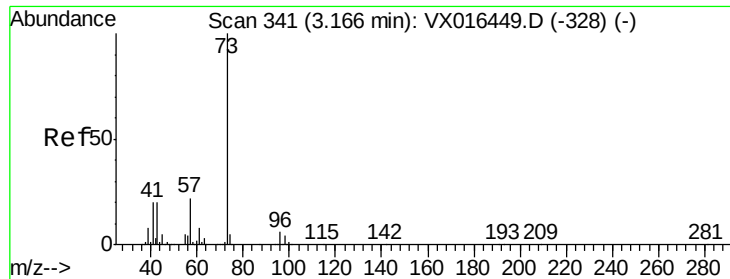
MMDadoda
6/12/2020 5:45:32 PM



#18
Methyl Acetate
Concen: 48.128 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	19.7	29.5





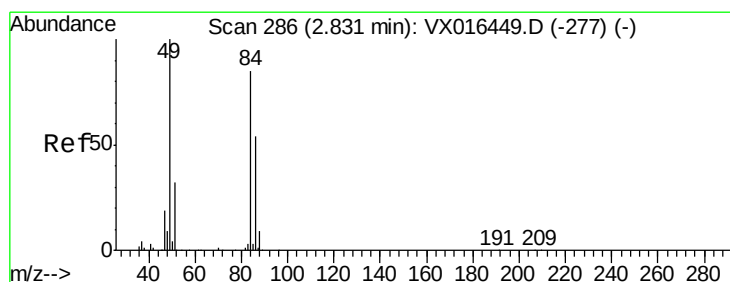
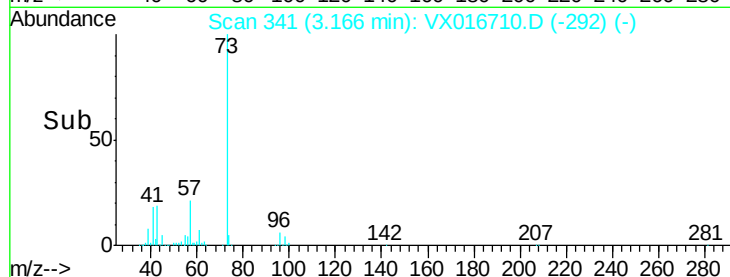
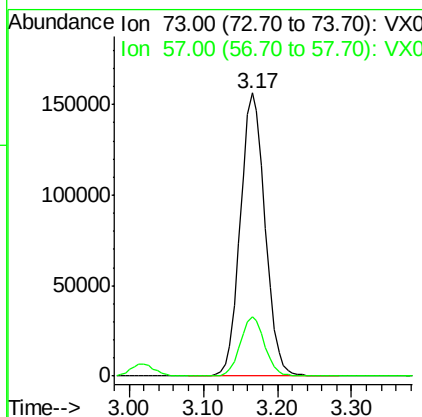
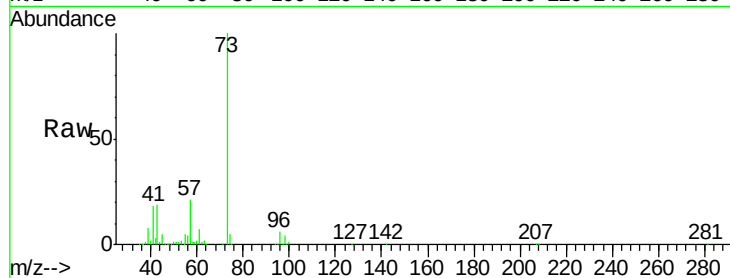
#19
Methyl tert-butyl Ether
Concen: 49.886 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	17.8	26.6

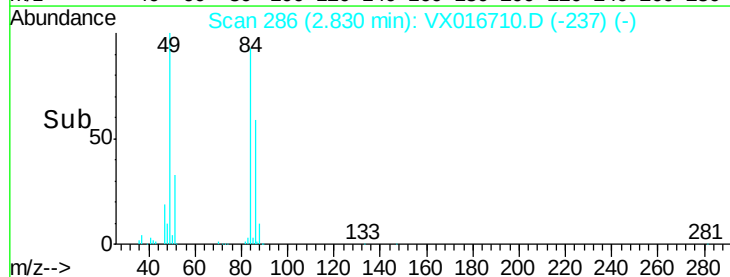
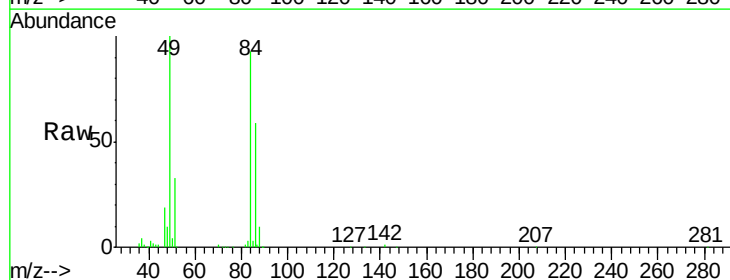
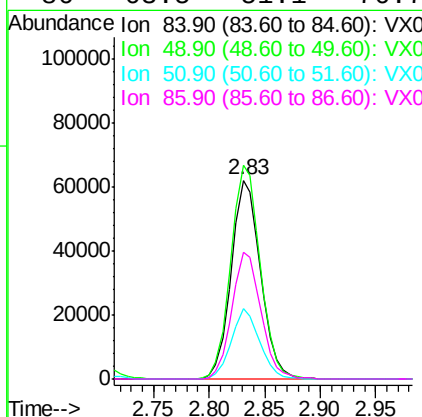
Manual Integrations
APPROVED

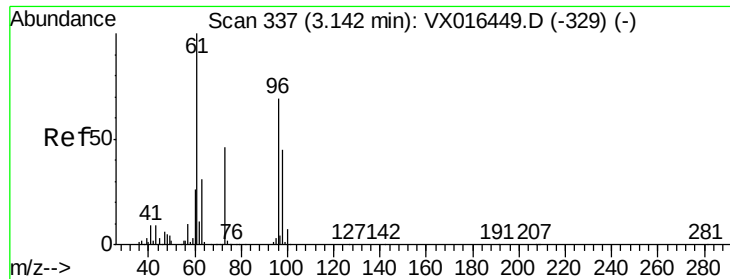
MMDadoda
6/12/2020 5:45:32 PM



#20
Methylene Chloride
Concen: 47.592 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.5	94.5	141.7
51	35.2	30.2	45.4
86	63.5	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.050 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

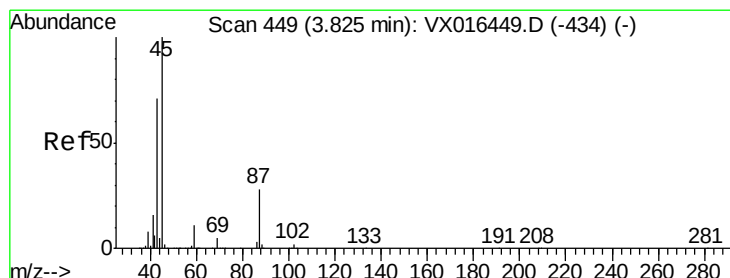
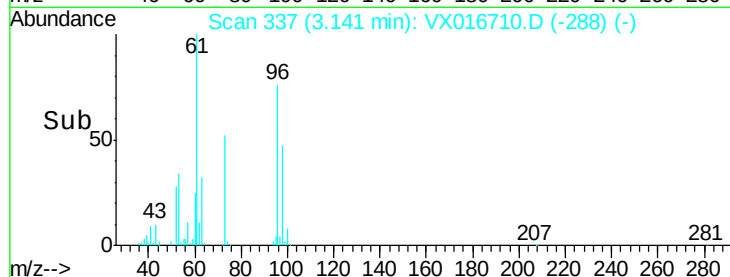
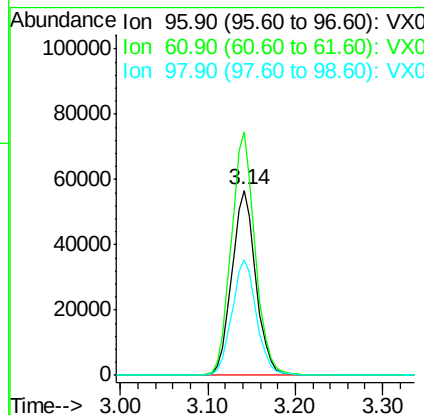
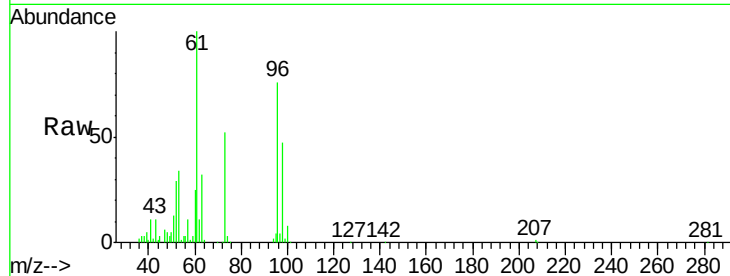
ClientSampleId :

LF014RW131-200608MSD

Tot Ion:	96	Resp:	108193
Ion Ratio	Lower	Upper	
96	100		
61	131.7	115.3	172.9
98	62.3	51.9	77.9

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#22

Diisopropyl ether

Concen: 43.872 ug/l

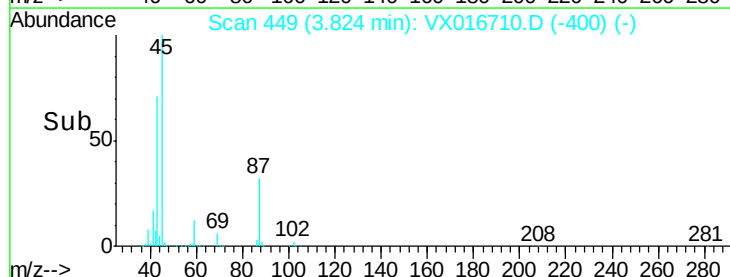
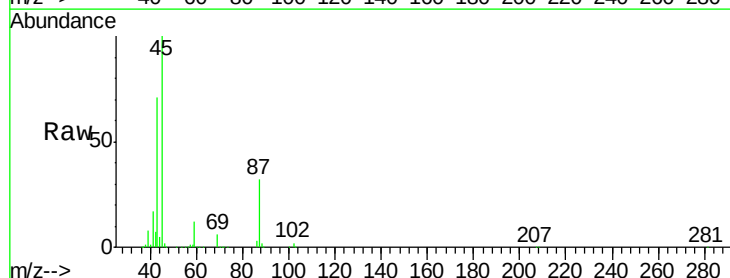
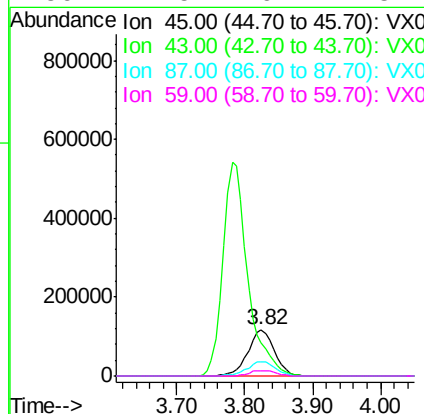
RT: 3.82 min Scan# 449

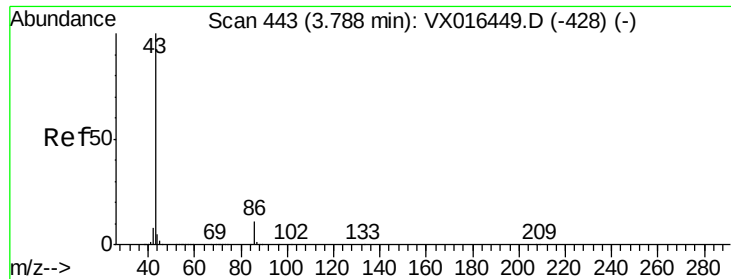
Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion:	45	Resp:	315521
Ion Ratio	Lower	Upper	
45	100		
43	71.1	57.0	85.6
87	31.7	22.5	33.7
59	12.5	9.1	13.7





#23

Vinyl Acetate

Concen: 218.406 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion: 43 Resp: 1374878

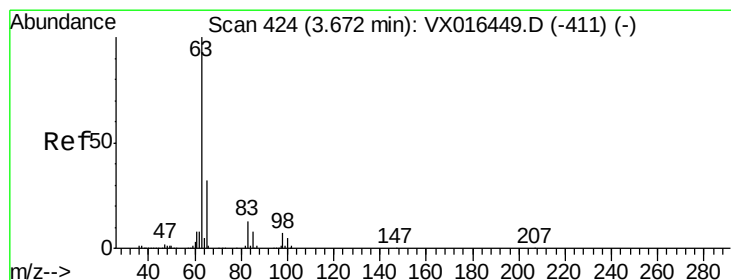
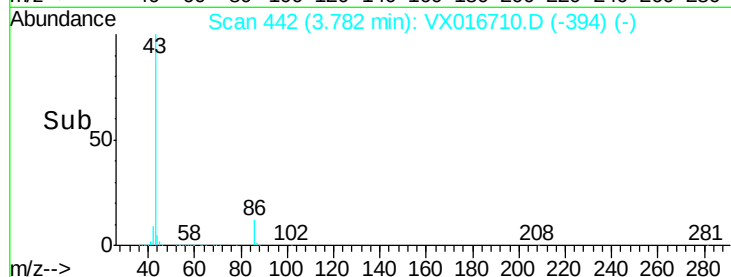
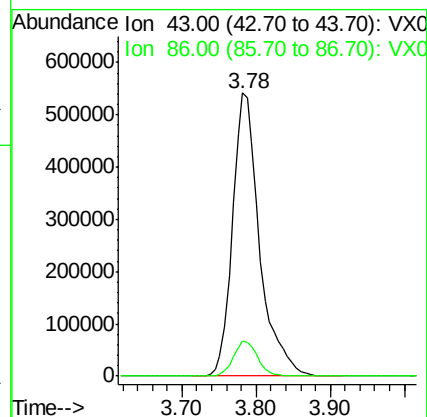
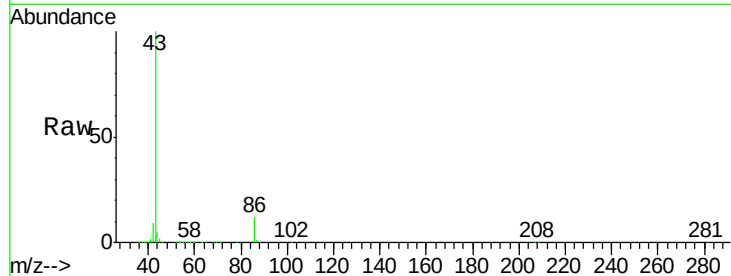
Ion Ratio Lower Upper

43 100

86 12.4 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#24

1,1-Dichloroethane

Concen: 46.940 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

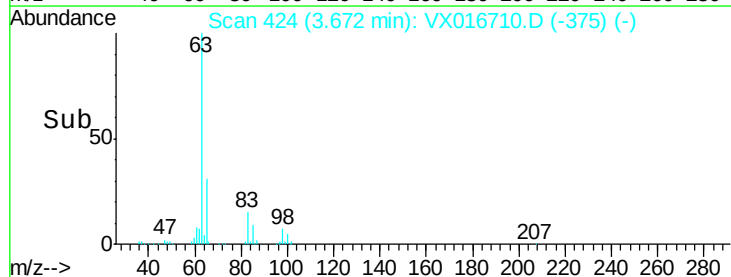
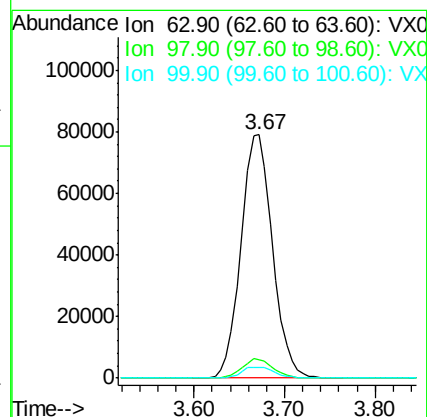
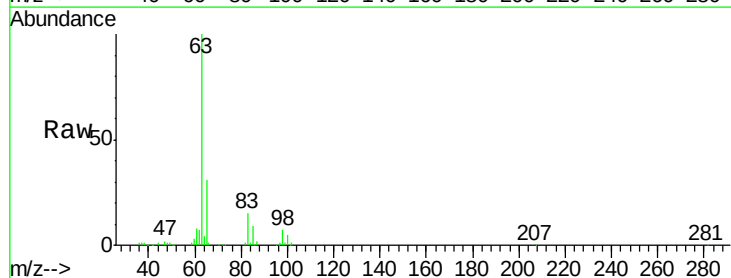
Tgt Ion: 63 Resp: 190537

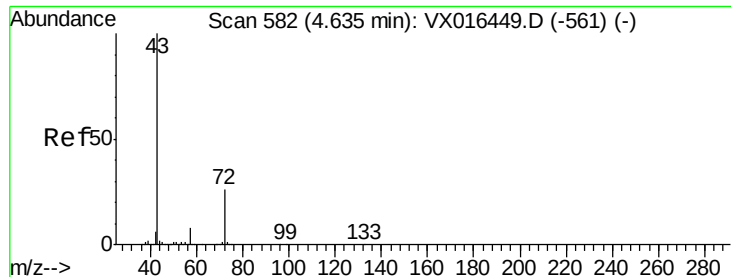
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 4.6 2.4 7.1





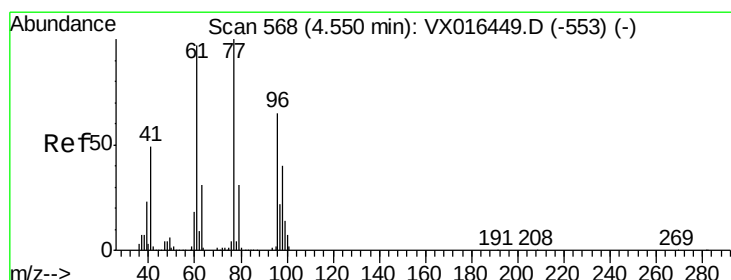
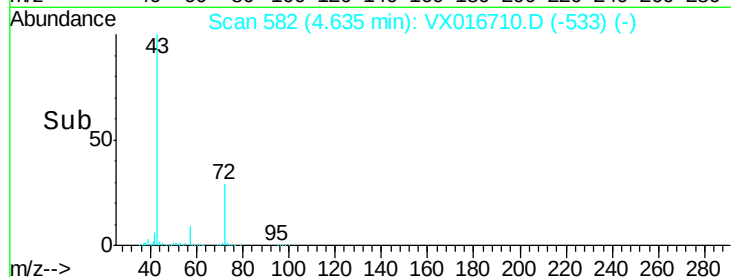
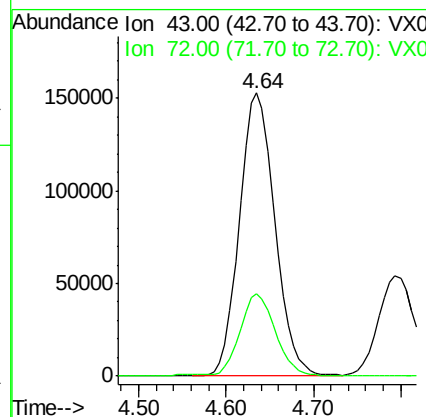
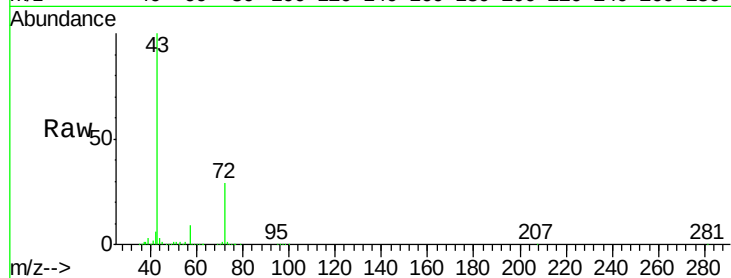
#25
2-Butanone
Concen: 220.966 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion: 43 Resp: 430990
Ion Ratio Lower Upper
43 100
72 29.0 21.0 31.6

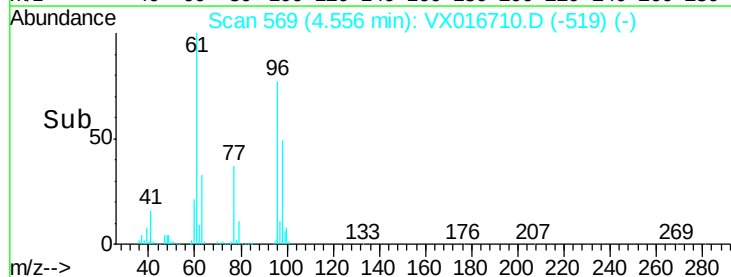
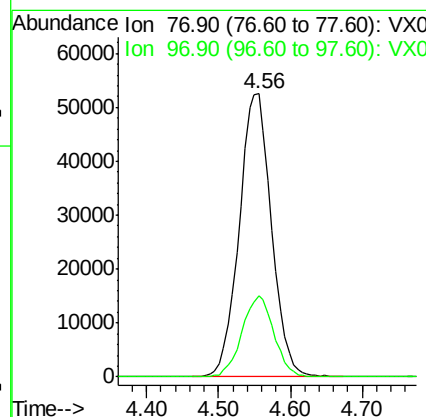
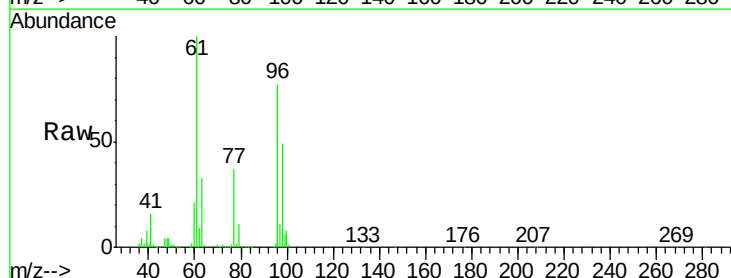
Manual Integrations
APPROVED

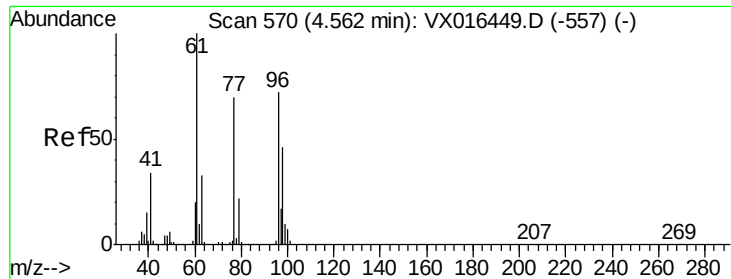
MMDadoda
6/12/2020 5:45:32 PM



#26
2,2-Dichloropropane
Concen: 49.120 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 77 Resp: 163154
Ion Ratio Lower Upper
77 100
97 28.4 11.5 34.4





#27

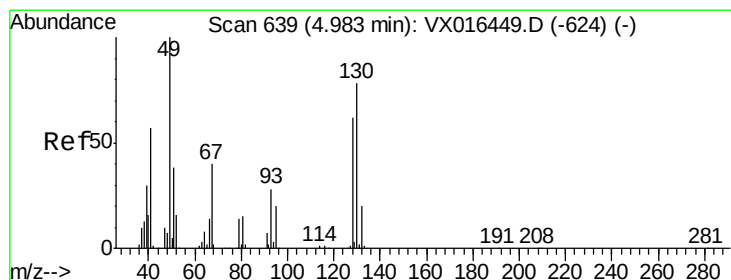
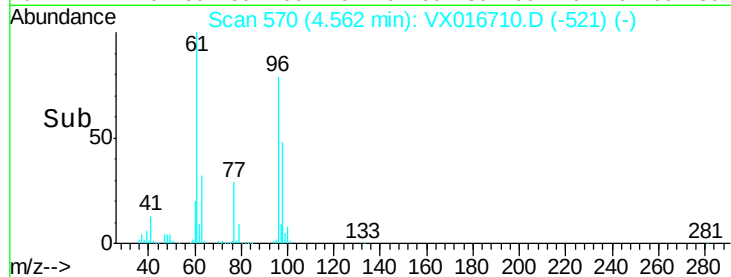
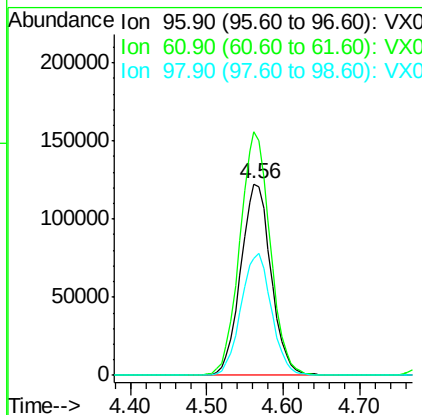
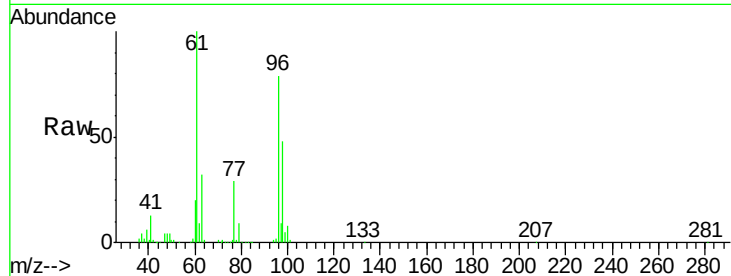
cis-1,2-Dichloroethene
Concen: 129.346 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	336935		
61	127.5		0.0	284.6
98	64.1		0.0	127.2

Manual Integrations
APPROVED

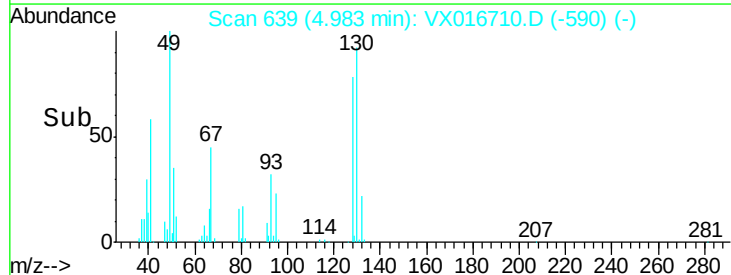
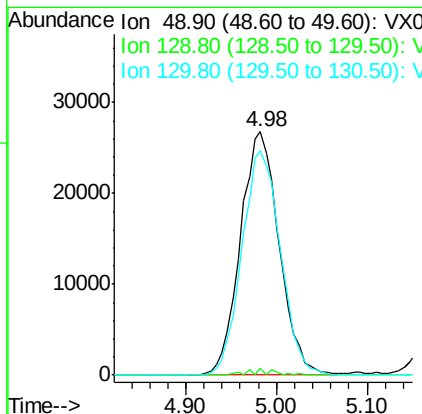
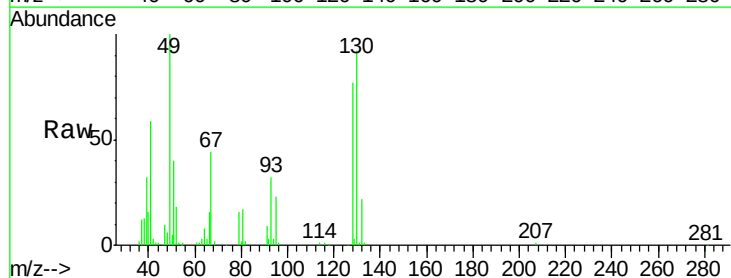
MMDadoda
6/12/2020 5:45:32 PM

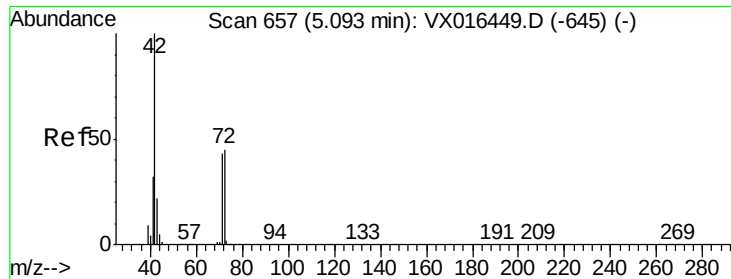


#28

Bromochloromethane
Concen: 42.007 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	79239		
129	0.4		0.0	4.0
130	92.1		63.0	94.4





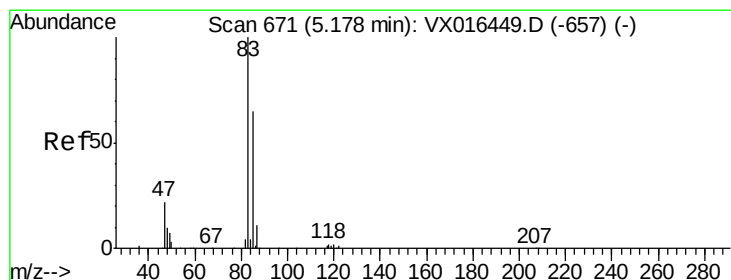
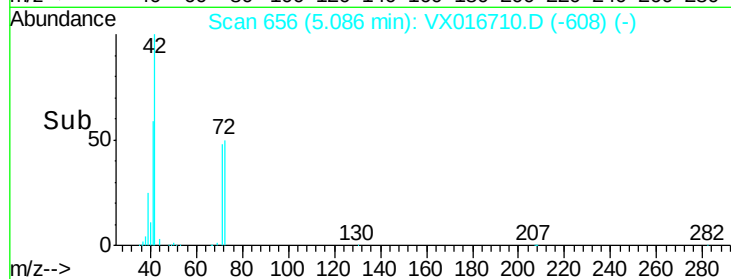
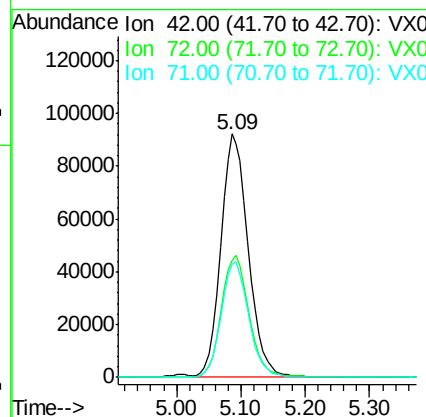
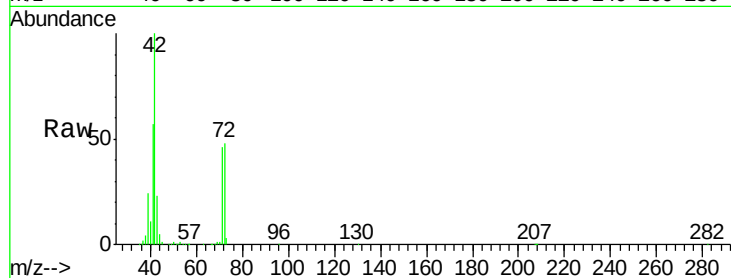
#29
Tetrahydrofuran
Concen: 217.728 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.3	37.0	55.4
71	47.7	34.1	51.1

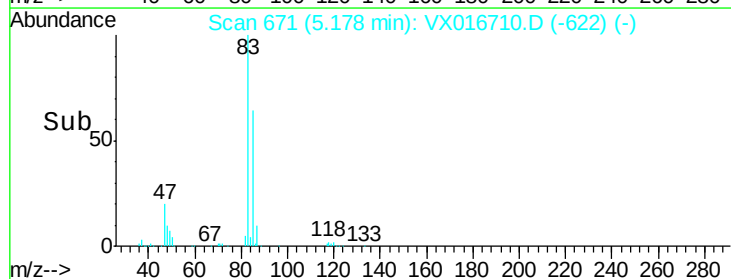
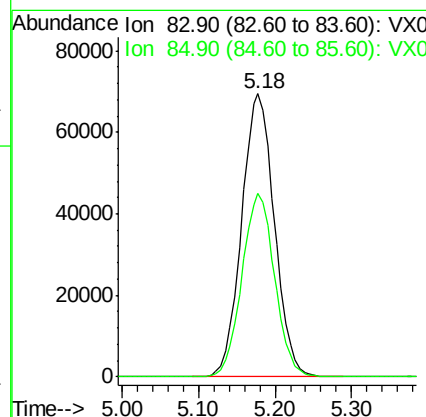
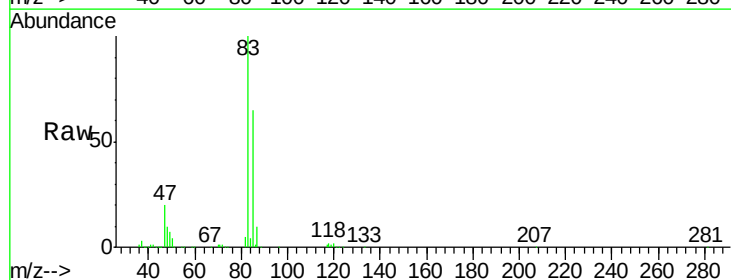
Manual Integrations
APPROVED

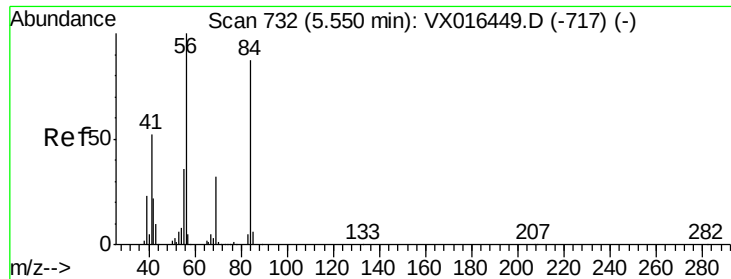
MMDadoda
6/12/2020 5:45:32 PM



#30
Chloroform
Concen: 50.442 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.0	78.0





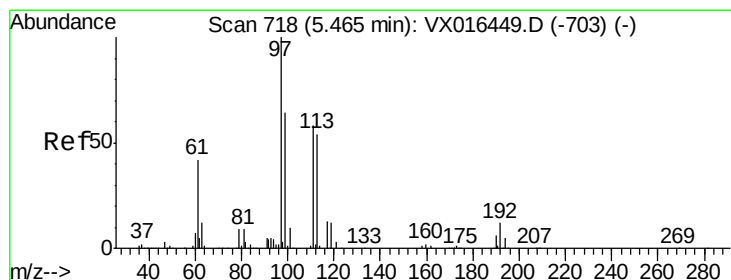
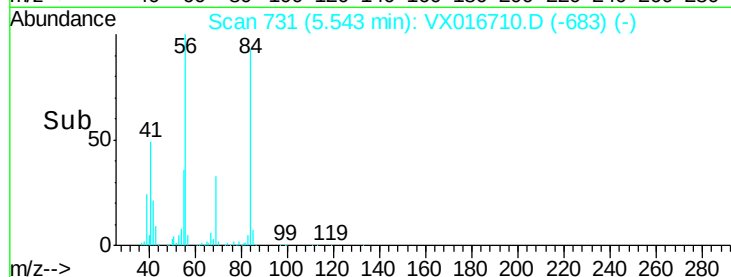
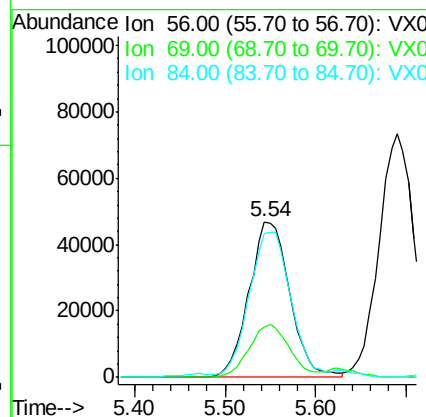
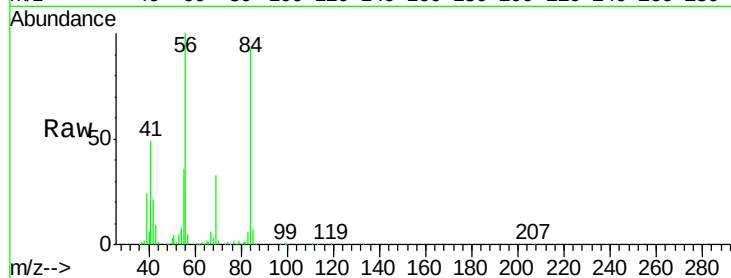
#31
Cyclohexane
Concen: 40.125 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.7	38.5
84	90.5	70.0	105.0

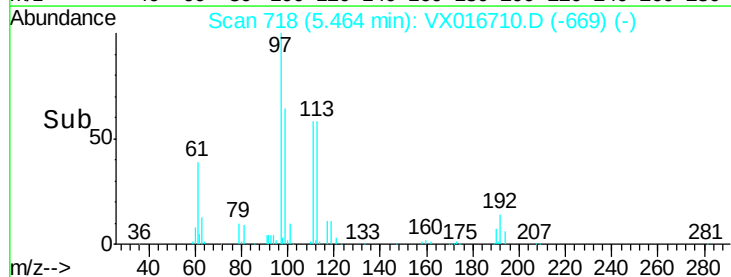
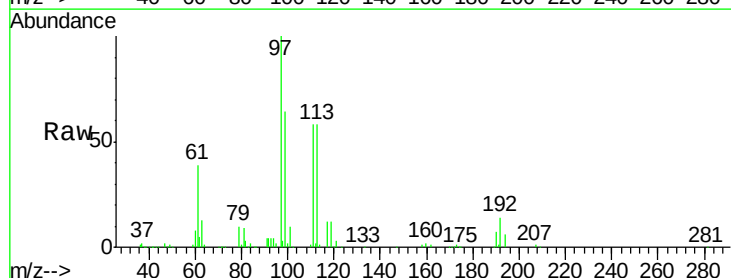
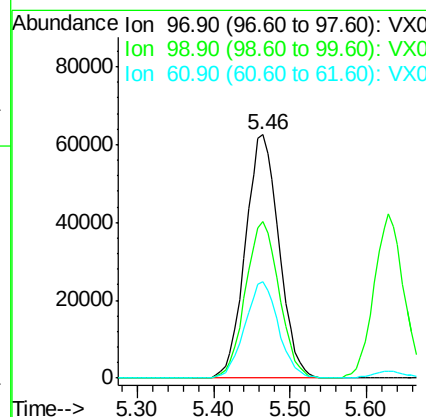
Manual Integrations
APPROVED

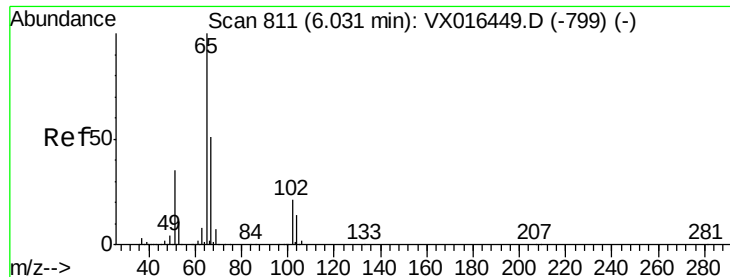
MMDadoda
6/12/2020 5:45:32 PM



#32
1,1,1-Trichloroethane
Concen: 51.538 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	39.5	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 48.254 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion: 65 Resp: 126778

Ion Ratio Lower Upper

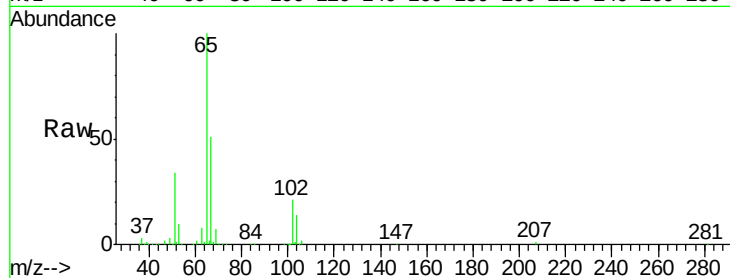
65 100

67 51.5 0.0 104.8

Manual Integrations
APPROVED

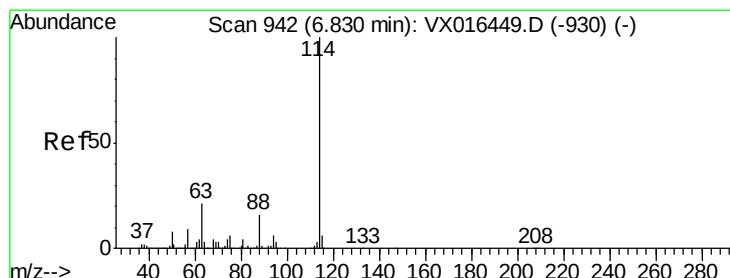
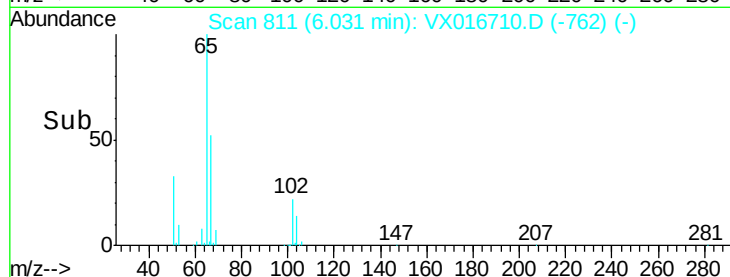
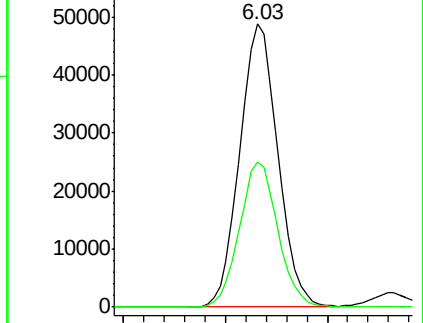
MMDadoda

6/12/2020 5:45:32 PM



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: VX016710.D

Acq: 11 Jun 2020 17:28

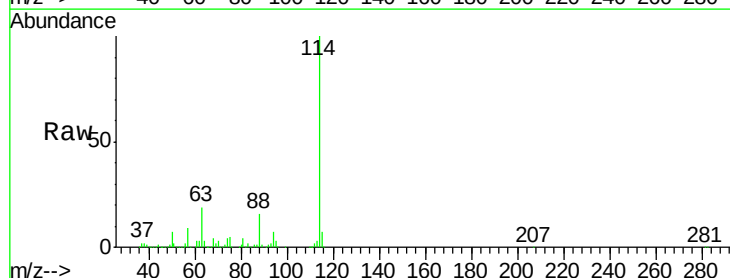
Tgt Ion: 114 Resp: 319236

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.6

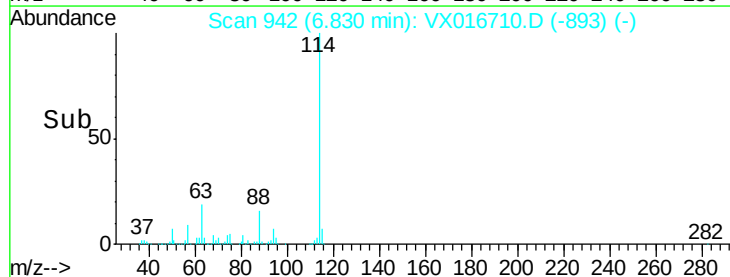
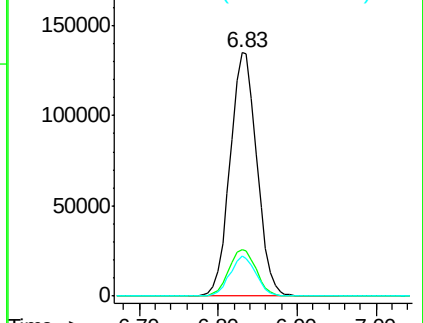
88 16.4 0.0 32.8

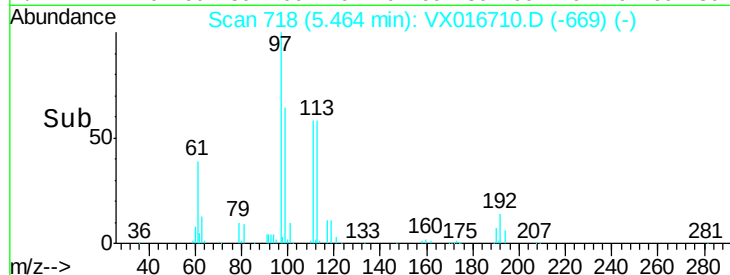
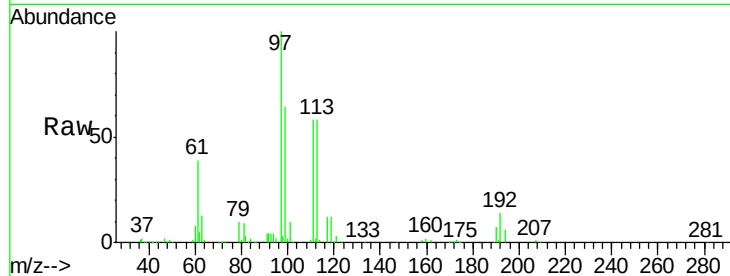
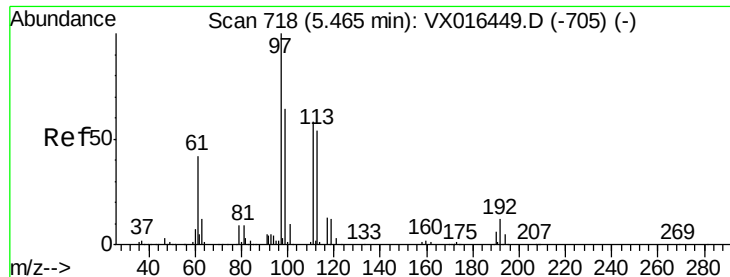


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





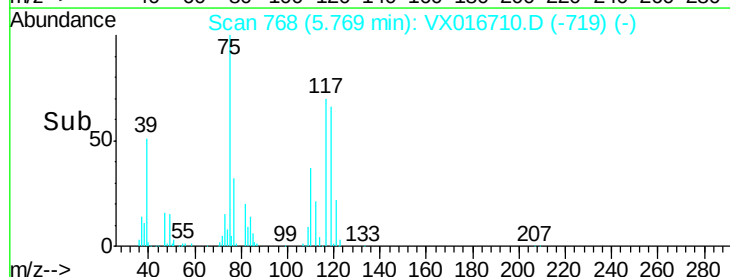
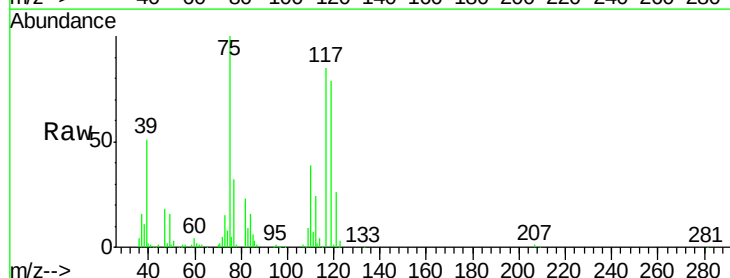
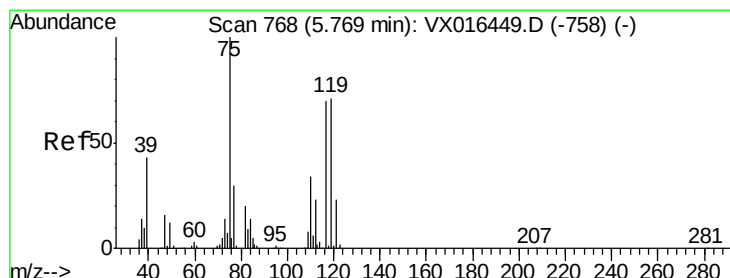
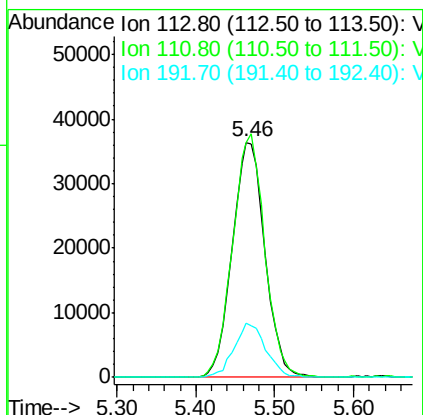
#35
Dibromofluoromethane
Concen: 53.304 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tot Ion	Ratio	Resp	Lower	Upper
113	100	104779		
111	101.8	83.0	124.6	
192	22.4	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

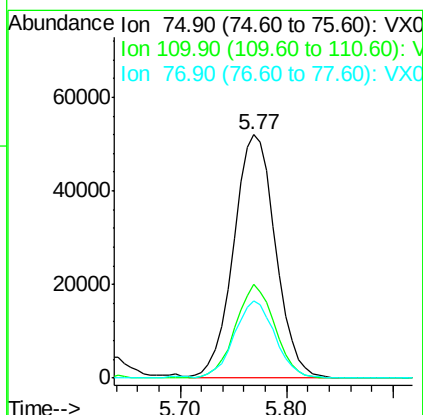
Manual Integrations
APPROVED

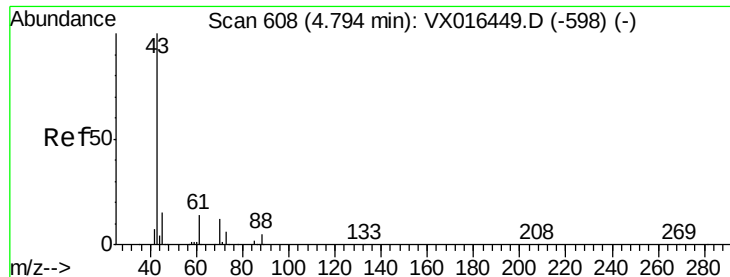
MMDadoda
6/12/2020 5:45:32 PM



#36
1,1-Dichloropropene
Concen: 47.139 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142482		
110	36.7	17.4	52.3	
77	31.2	24.2	36.4	





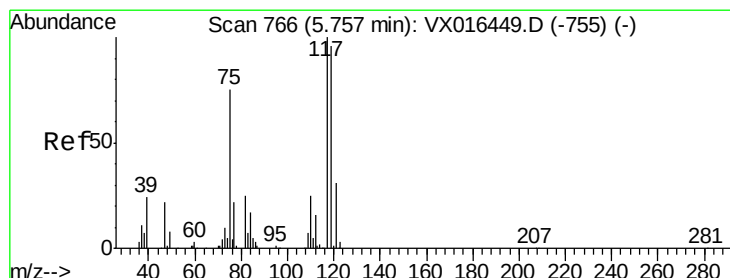
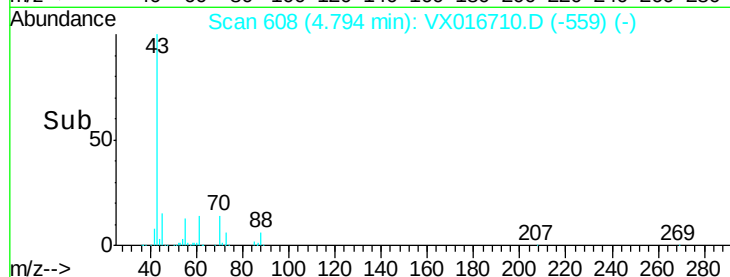
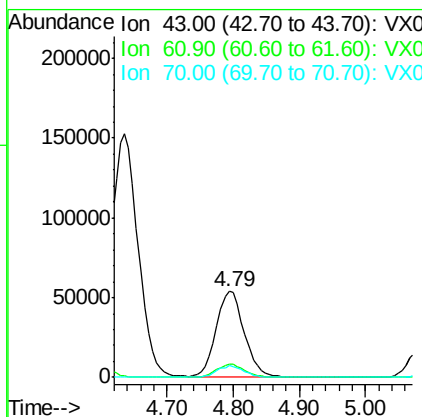
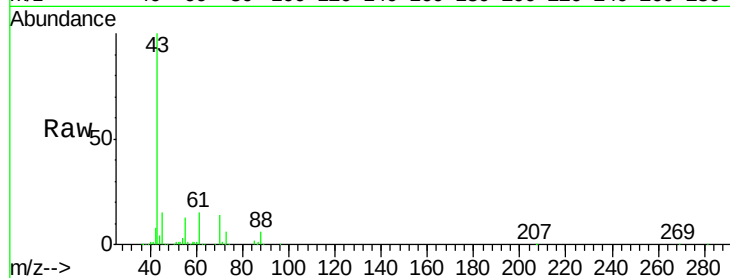
#37
Ethyl Acetate
Concen: 43.917 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	43	Resp	159368
Ion Ratio	Lower	Upper	
43	100		
61	15.3	11.3	16.9
70	12.9	9.3	13.9

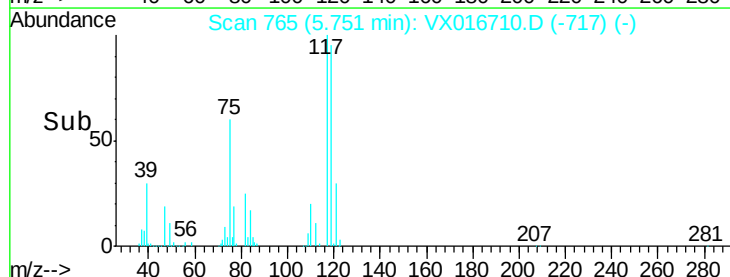
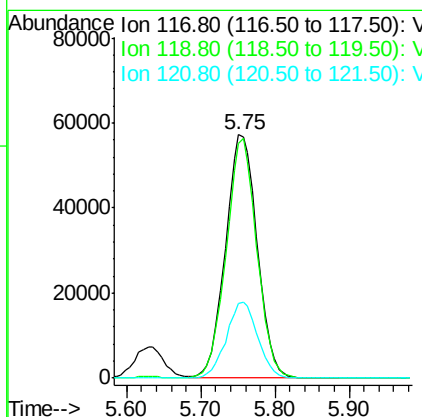
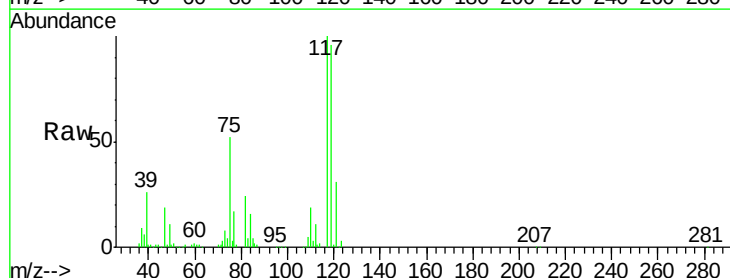
Manual Integrations
APPROVED

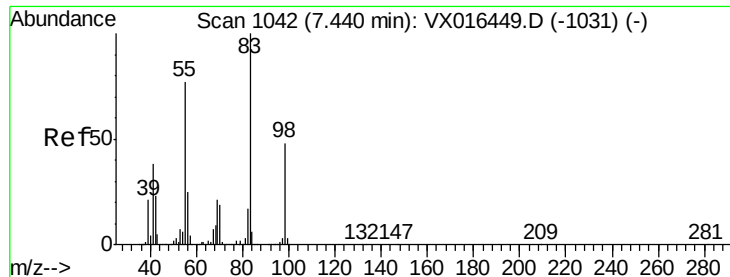
MMDadoda
6/12/2020 5:45:32 PM



#38
Carbon Tetrachloride
Concen: 53.518 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	117	Resp	169994
Ion Ratio	Lower	Upper	
117	100		
119	96.3	76.3	114.5
121	30.7	24.6	37.0





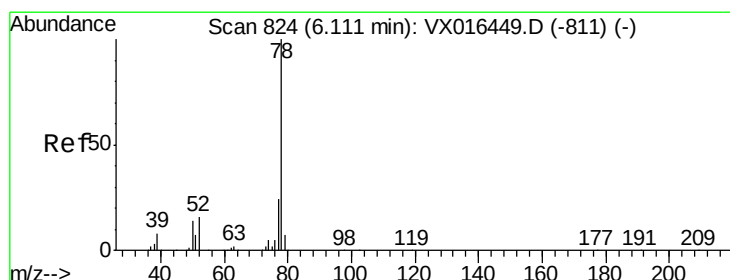
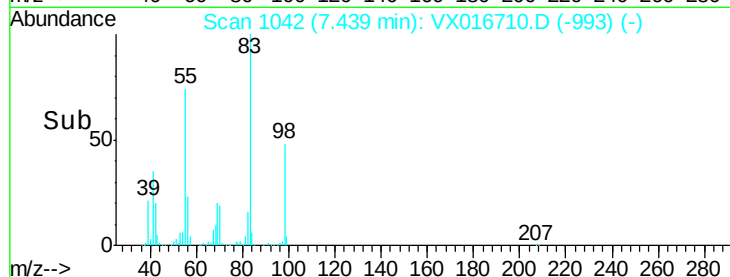
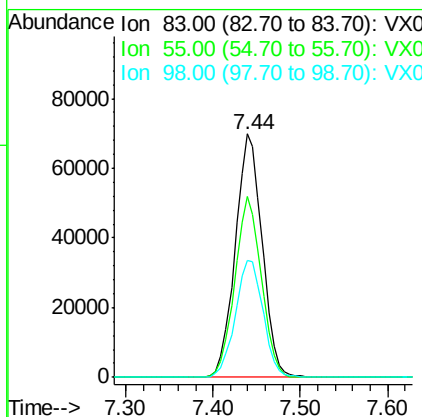
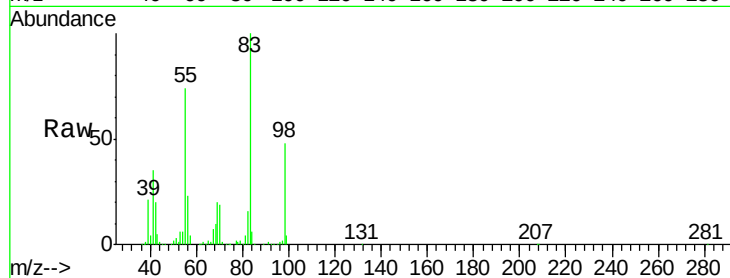
#39
Methylvlcyclohexane
Concen: 45.360 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	74.1	61.7	92.5	
98	47.9	38.7	58.1	

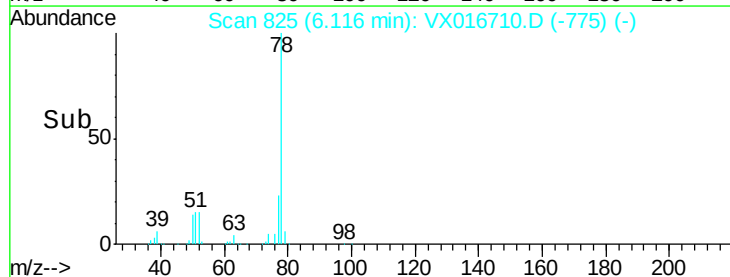
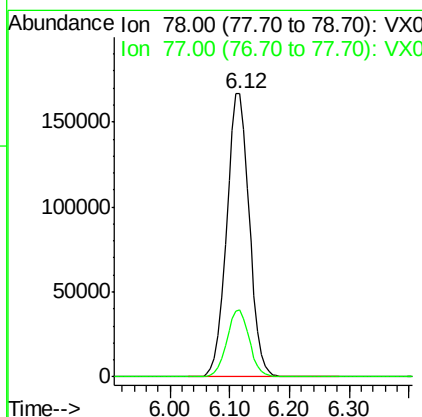
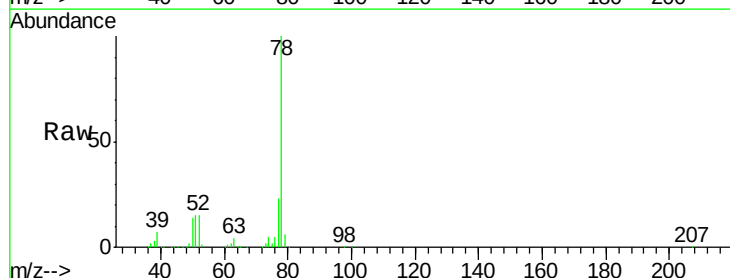
Manual Integrations
APPROVED

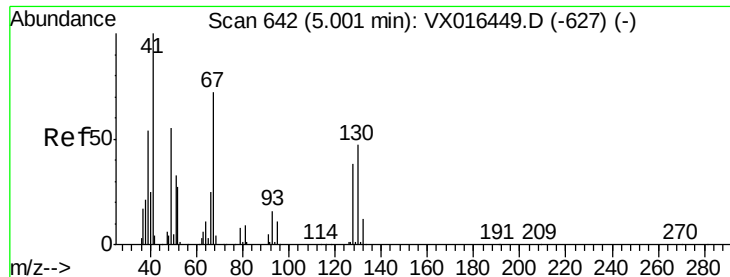
MMDadoda
6/12/2020 5:45:32 PM



#40
Benzene
Concen: 48.798 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	23.5	18.9	28.3	





#41

Methacrylonitrile

Concen: 44.589 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

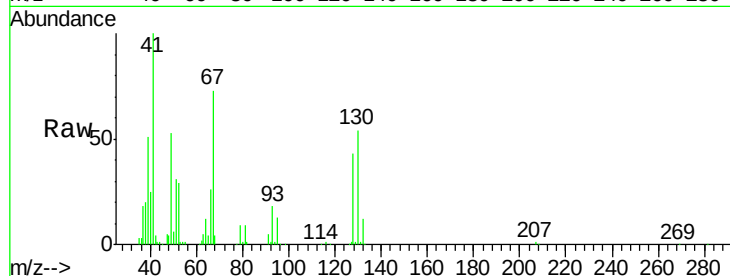
ClientSampleId :

LF014RW131-200608MSD

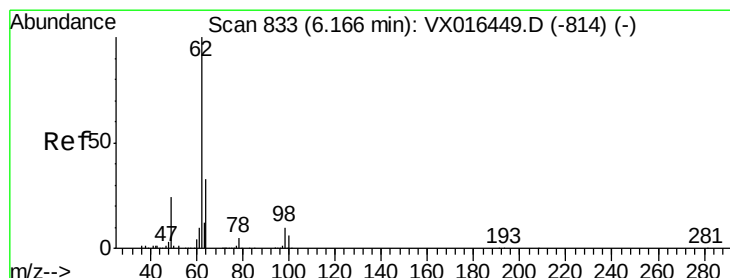
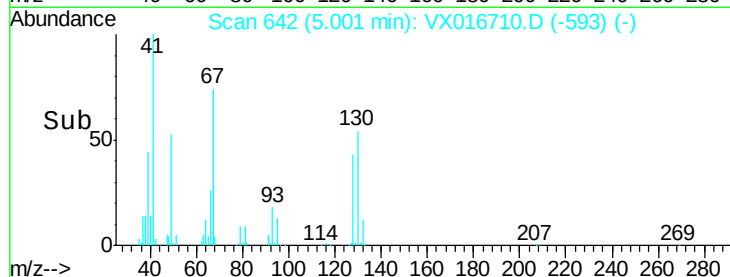
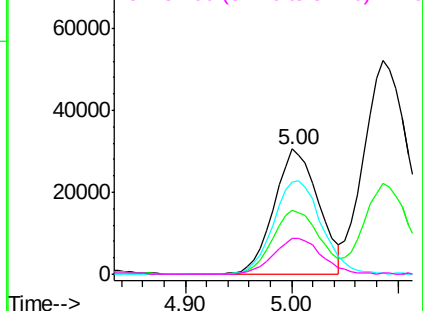
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.4	43.0	64.4	
67	79.9	58.9	88.3	
52	31.5	23.1	34.7	

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 50.442 ug/l

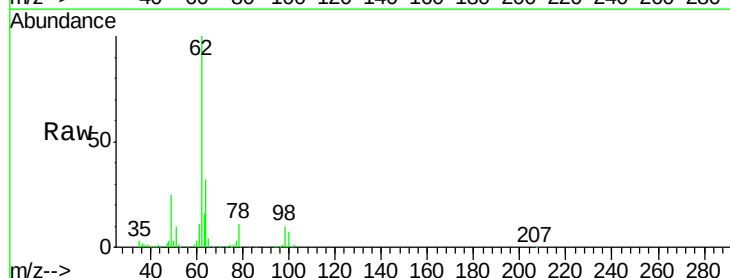
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

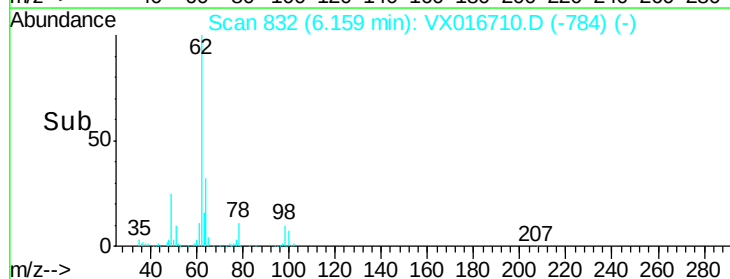
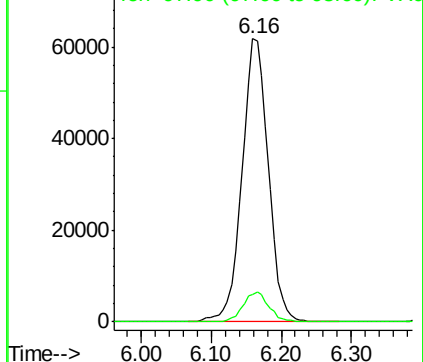
Lab File: VX016710.D

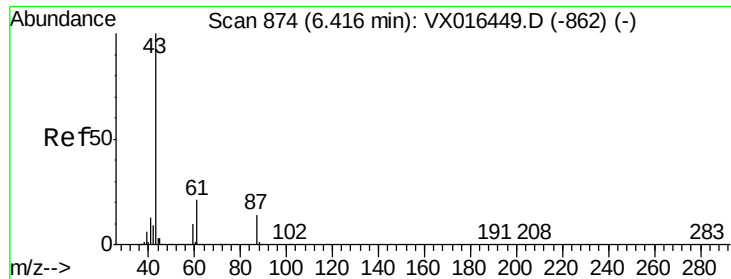
Acq: 11 Jun 2020 17:28

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.8	



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





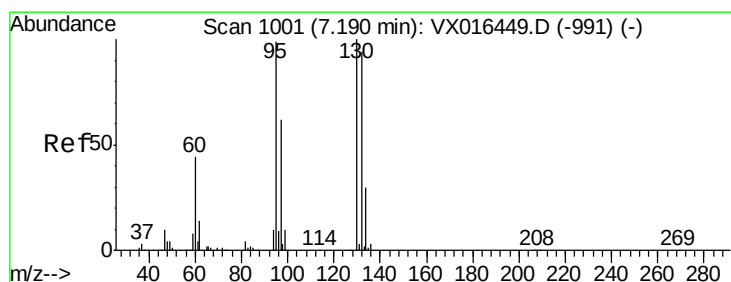
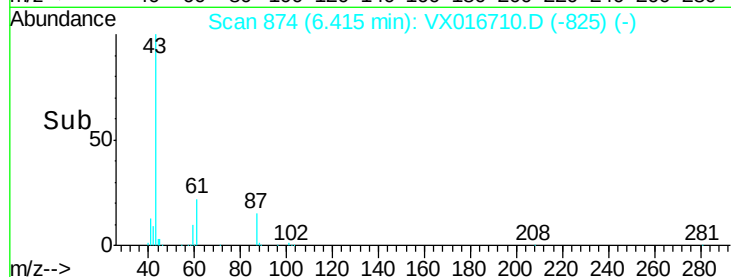
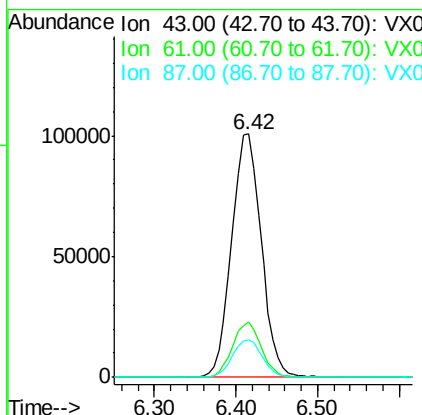
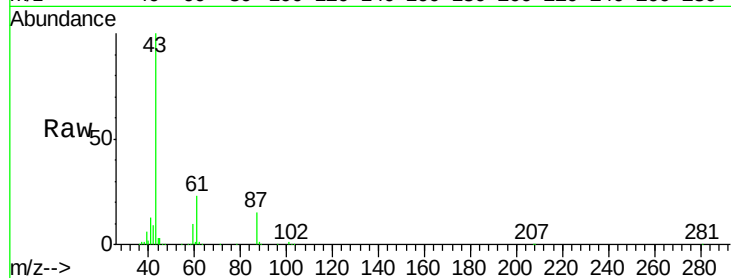
#43
Isopropyl Acetate
Concen: 44.708 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	16.8	25.2
87	15.4	11.2	16.8

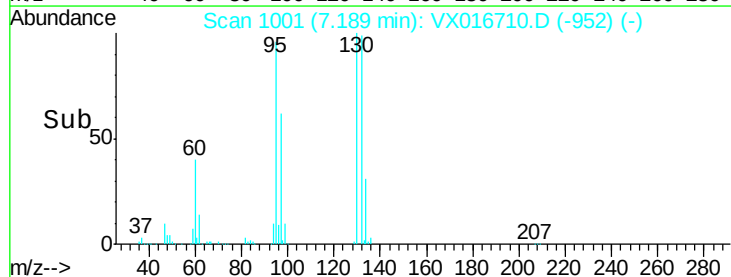
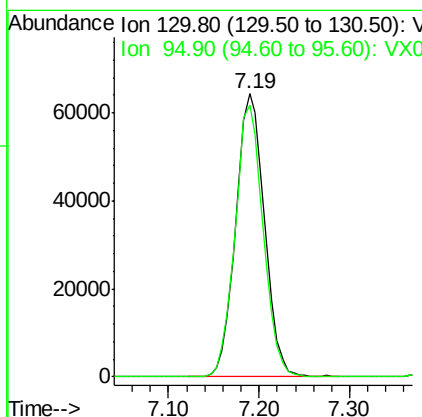
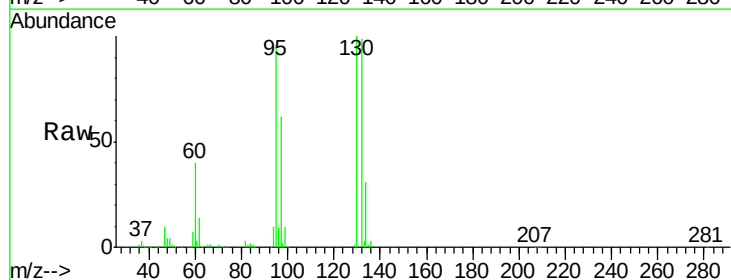
Manual Integrations
APPROVED

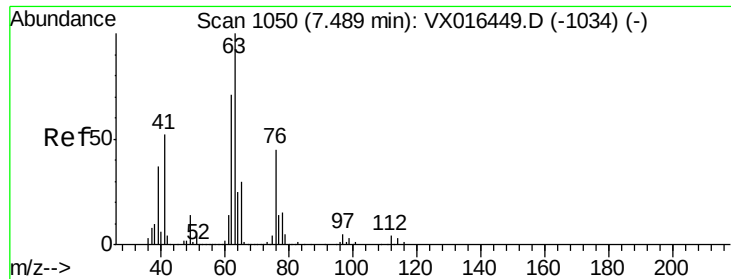
MMDadoda
6/12/2020 5:45:32 PM



#44
Trichloroethene
Concen: 49.568 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	198.2





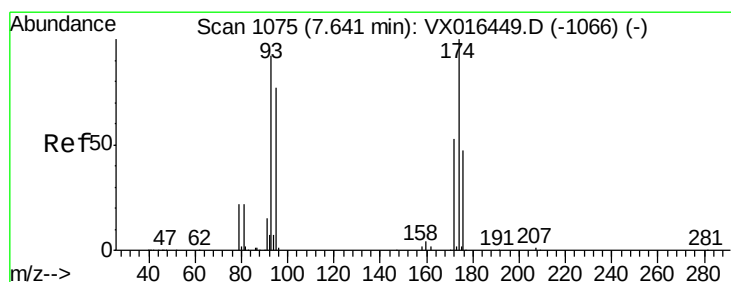
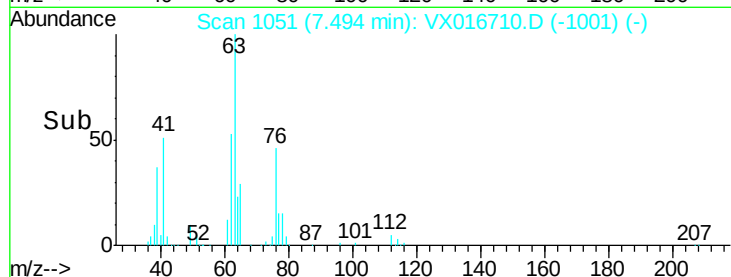
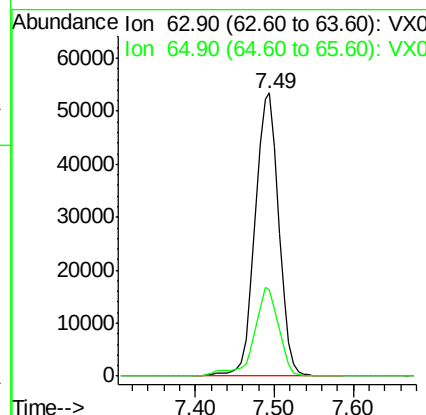
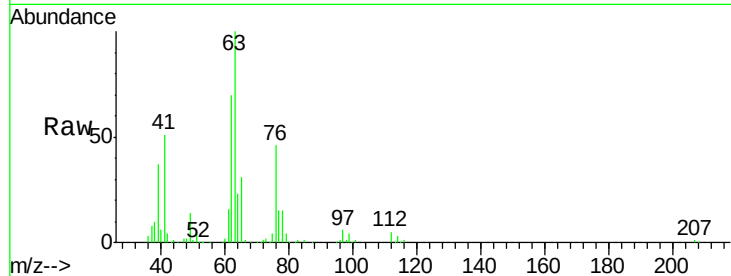
#45
 1,2-Dichloropropane
 Concen: 48.691 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion: 63 Resp: 111574
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.2 36.2

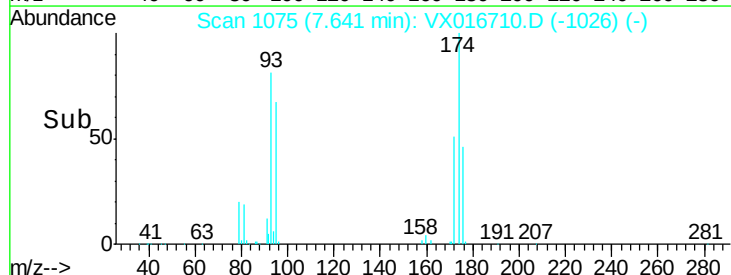
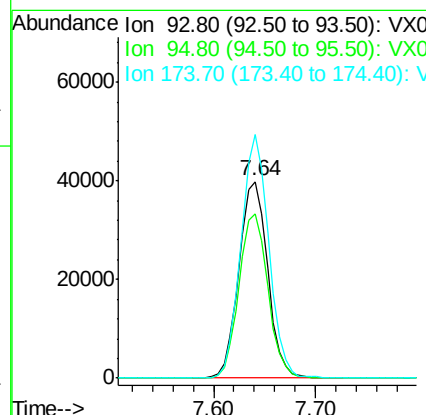
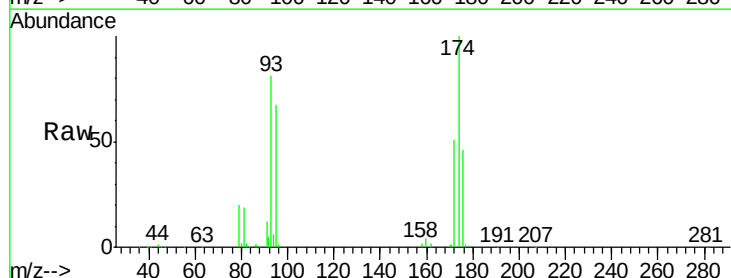
Manual Integrations
 APPROVED

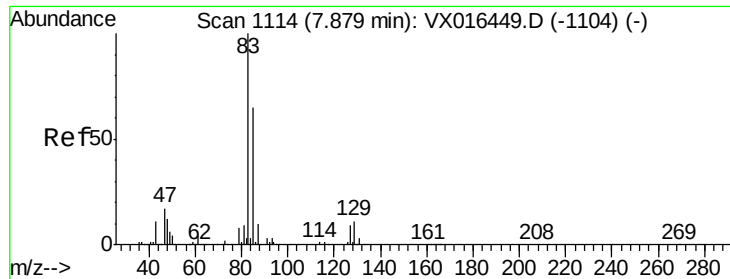
MMDadoda
 6/12/2020 5:45:32 PM



#46
 Dibromomethane
 Concen: 50.668 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion: 93 Resp: 77984
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 119.6 86.2 129.4





#47

Bromodichloromethane

Concen: 53.102 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

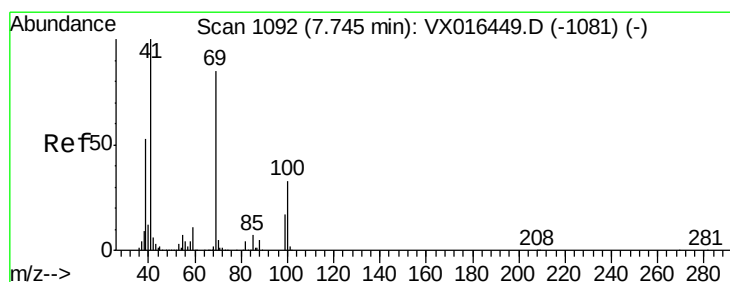
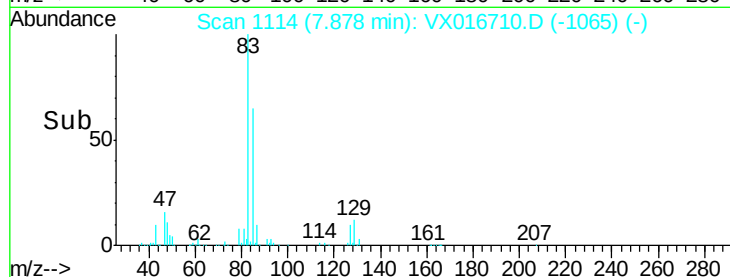
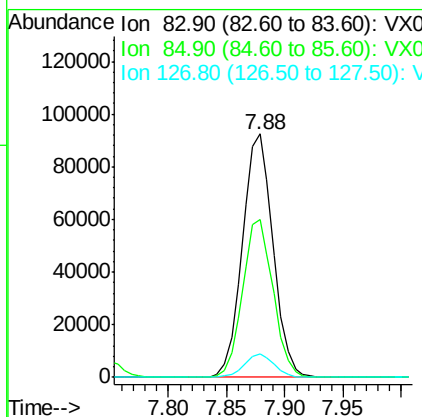
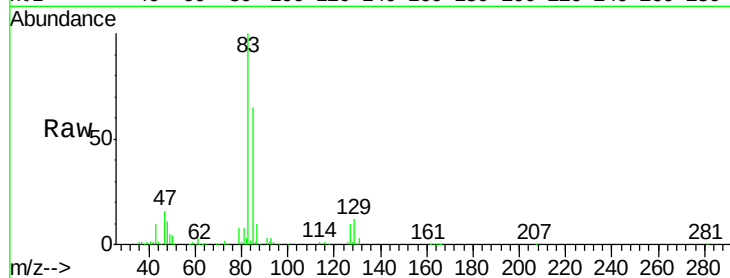
ClientSampleId :

LF014RW131-200608MSD

Tot Ion:	83	Resp:	169229
Ion	Ratio	Lower	Upper
83	100		
85	64.7	52.0	78.0
127	9.7	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#48

Methyl methacrylate

Concen: 45.790 ug/l

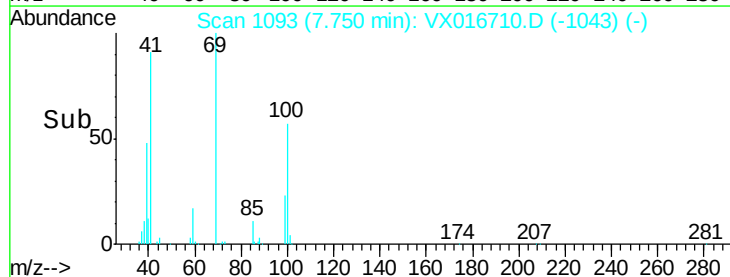
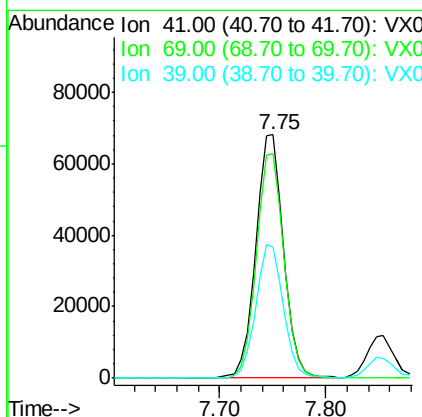
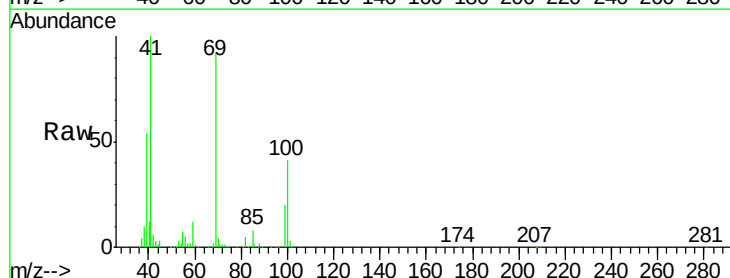
RT: 7.75 min Scan# 1093

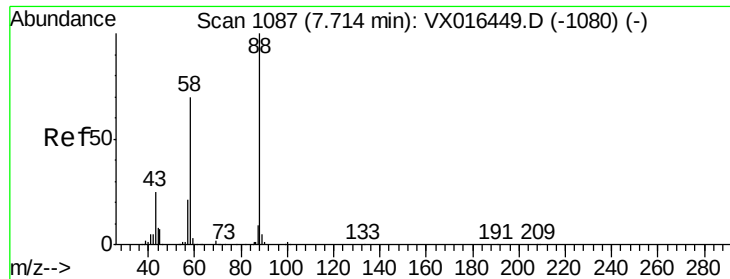
Delta R.T. 0.01 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion:	41	Resp:	124098
Ion	Ratio	Lower	Upper
41	100		
69	92.1	68.6	102.8
39	54.8	42.4	63.6





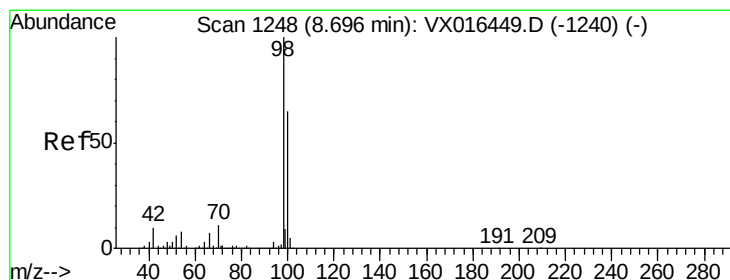
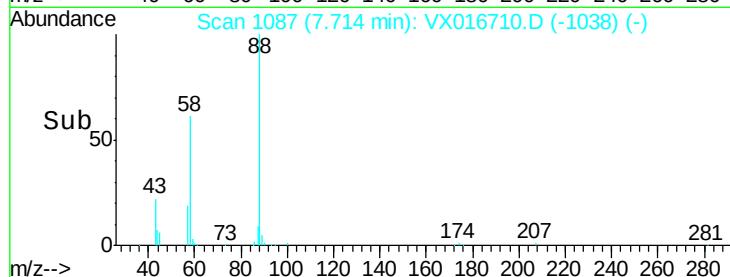
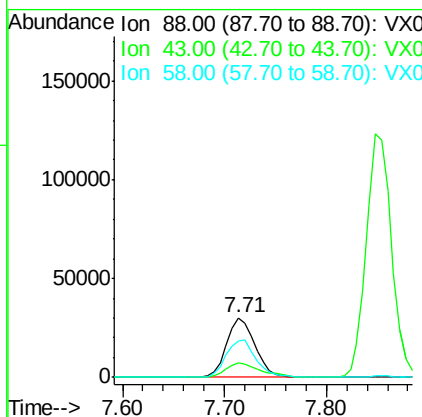
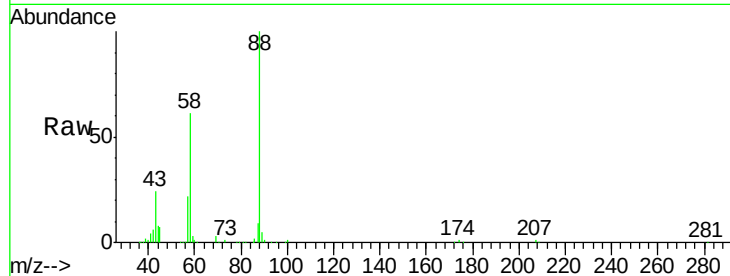
#49
 1,4-Dioxane
 Concen: 910.085 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.5	24.2	36.4
58	66.6	56.5	84.7

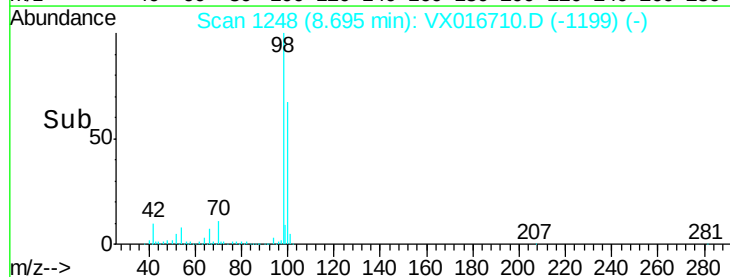
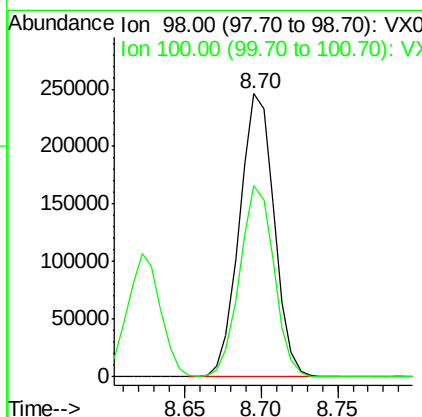
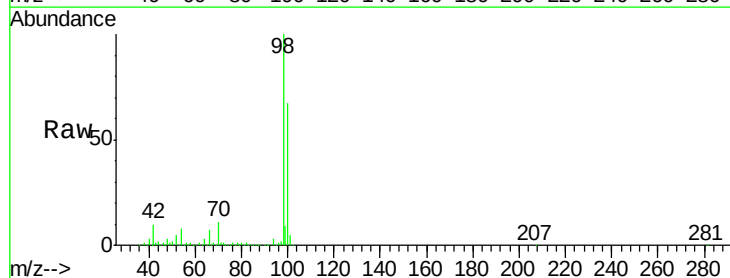
Manual Integrations
 APPROVED

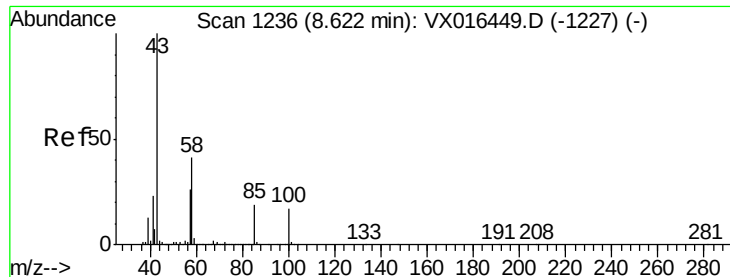
MMDadoda
 6/12/2020 5:45:32 PM



#50
 Toluene-d8
 Concen: 50.563 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





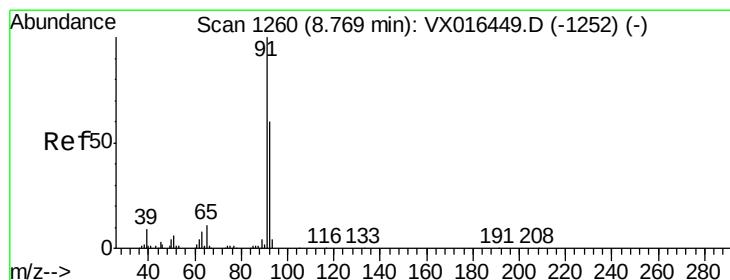
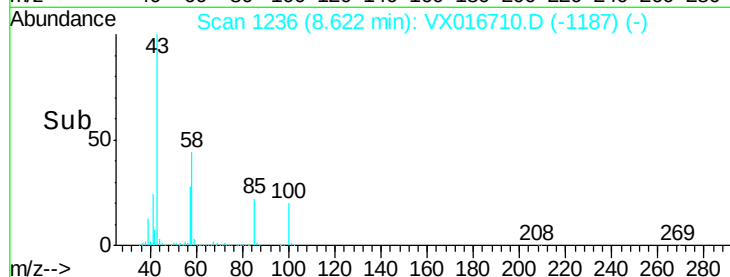
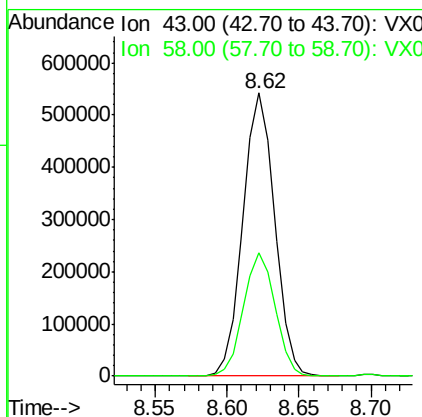
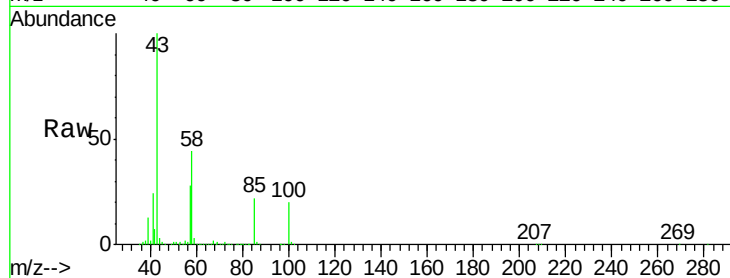
#51
4-Methyl-2-Pentanone
Concen: 235.060 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.4	33.0	49.6

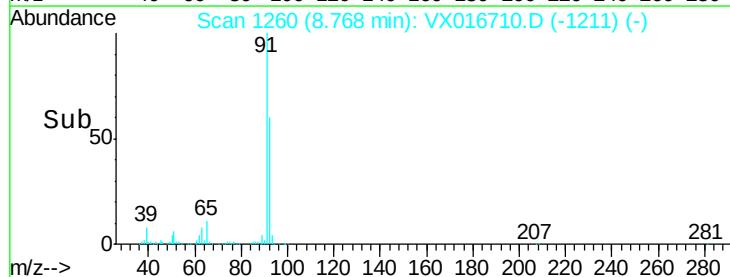
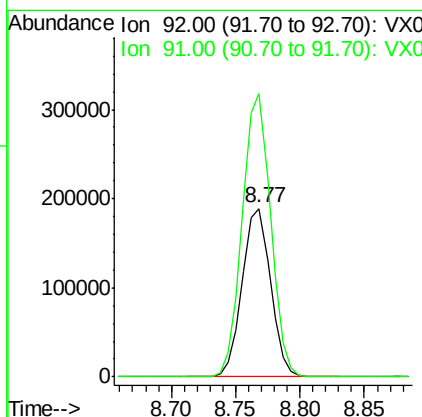
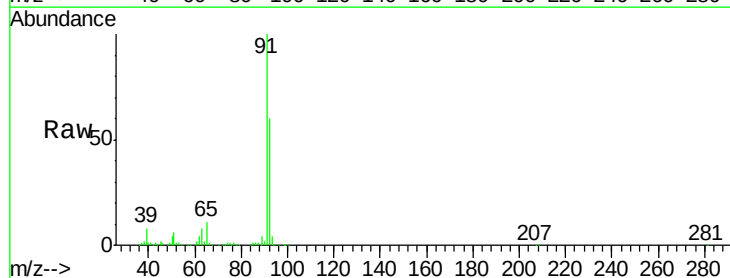
Manual Integrations
APPROVED

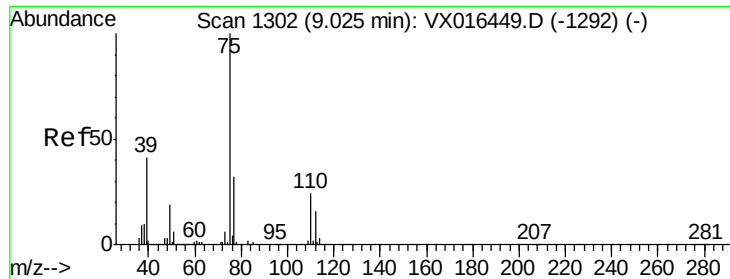
MMDadoda
6/12/2020 5:45:32 PM



#52
Toluene
Concen: 50.594 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.3	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 51.758 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion: 75 Resp: 187558

Ion Ratio Lower Upper

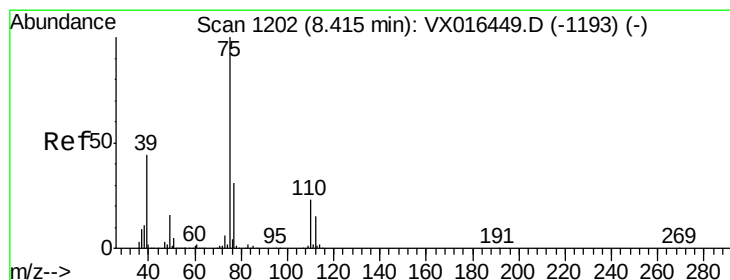
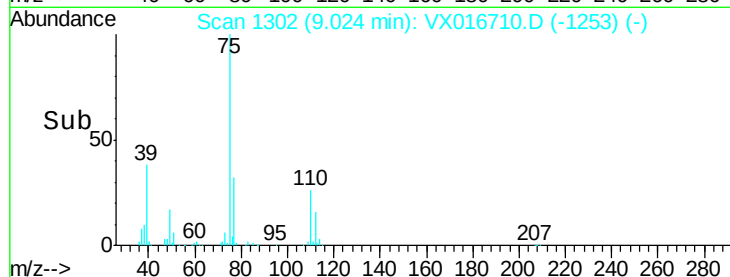
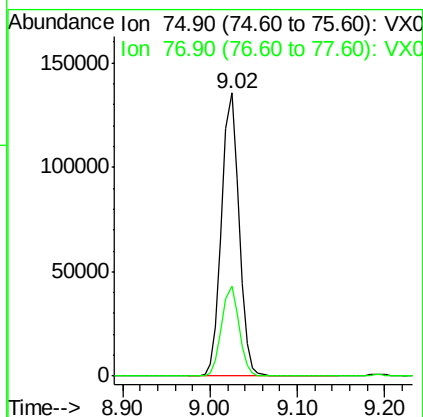
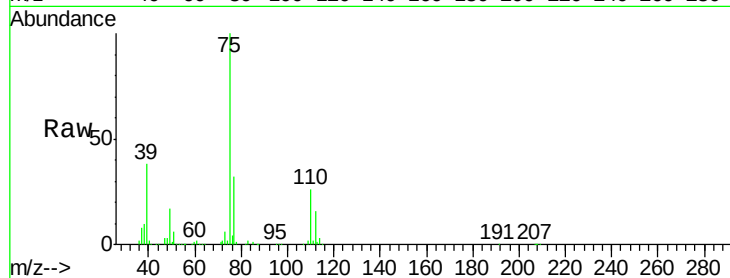
75 100

77 32.0 25.5 38.3

Manual Integrations
APPROVED

MMDadoda

6/12/2020 5:45:32 PM



#54

cis-1,3-Dichloropropene

Concen: 49.357 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

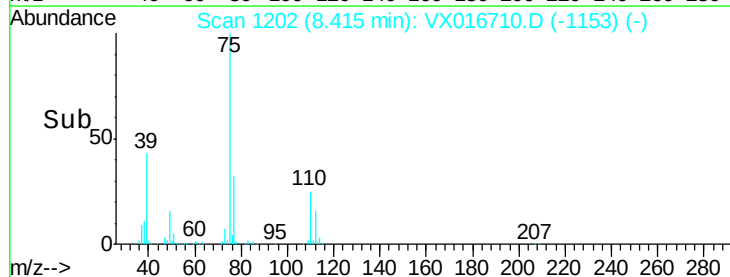
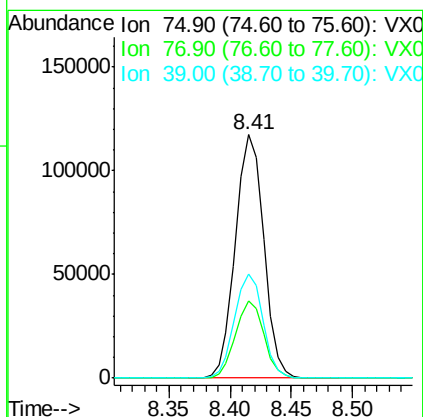
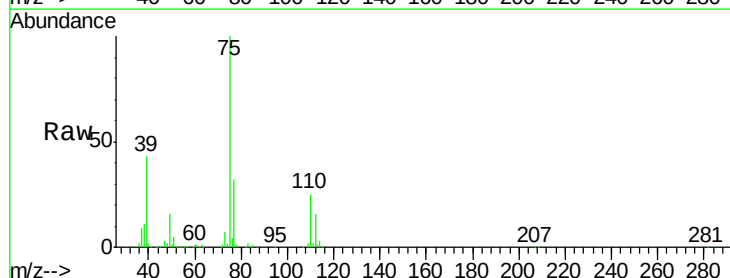
Tgt Ion: 75 Resp: 189316

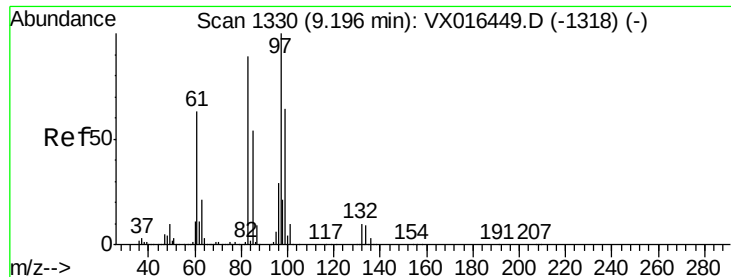
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 42.7 35.3 52.9





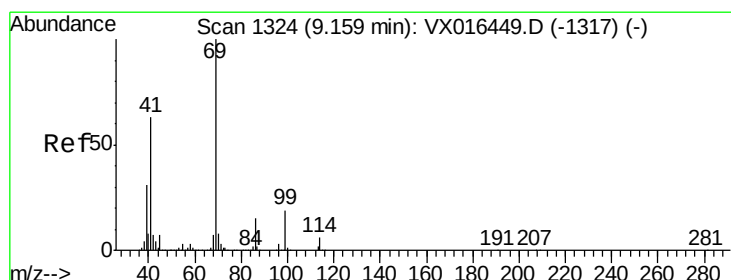
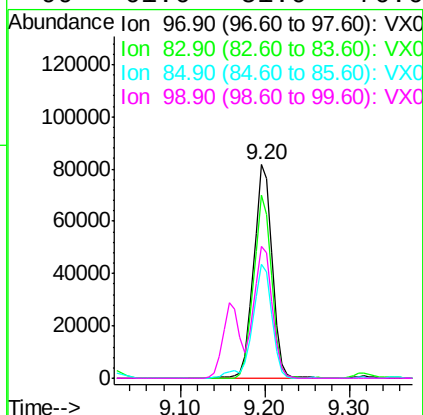
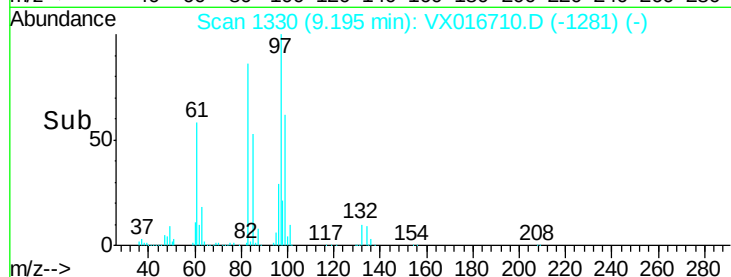
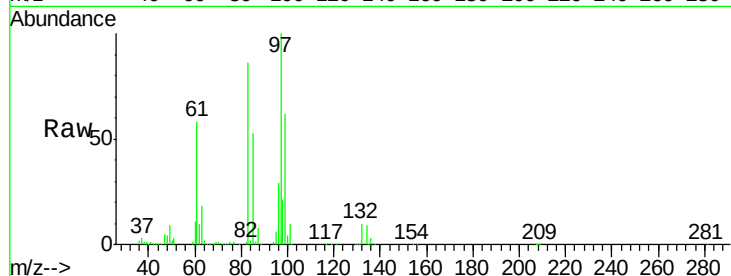
#55
 1,1,2-Trichloroethane
 Concen: 53.668 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion:	97	Resp:	121117
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.9	106.3
85	53.1	43.4	65.2
99	61.6	51.0	76.6

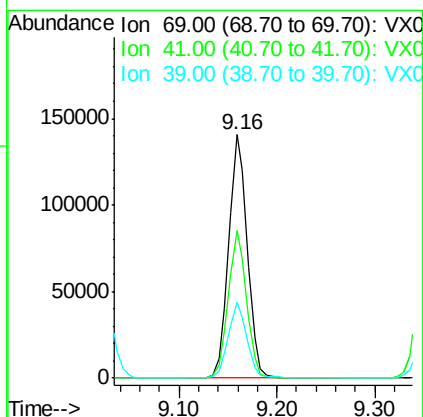
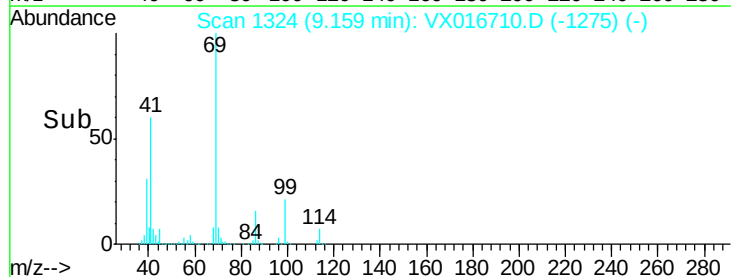
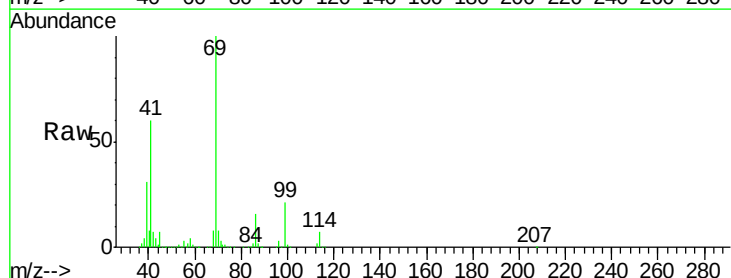
Manual Integrations
 APPROVED

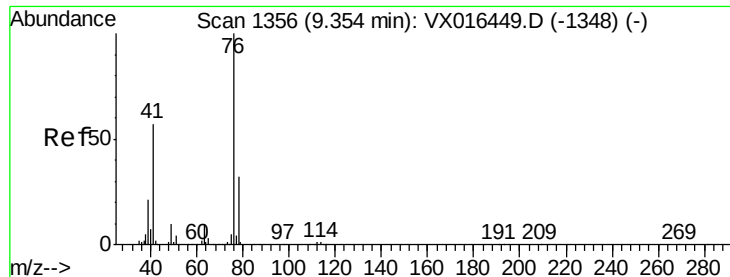
MMDadoda
 6/12/2020 5:45:32 PM



#56
 Ethyl methacrylate
 Concen: 50.715 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion:	69	Resp:	186399
Ion	Ratio	Lower	Upper
69	100		
41	59.3	50.7	76.1
39	31.0	25.8	38.6





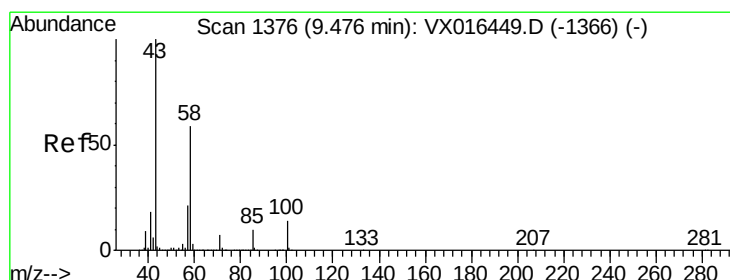
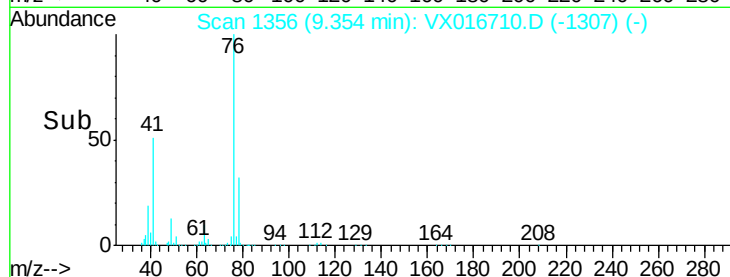
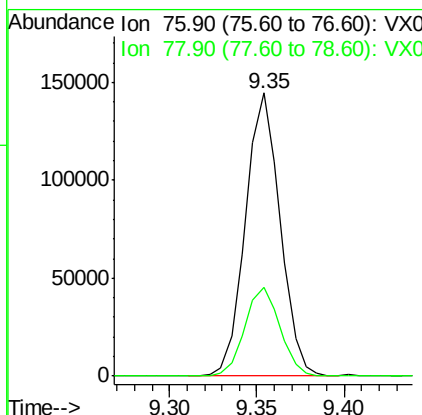
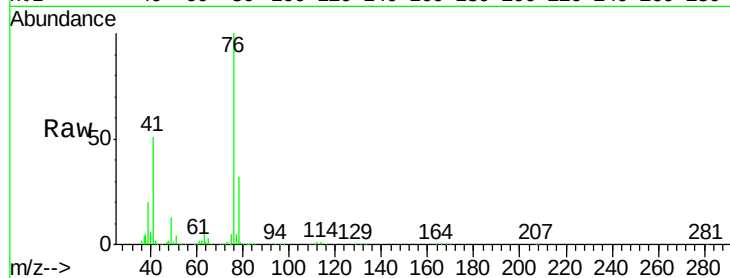
#57
 1,3-Dichloropropane
 Concen: 51.492 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.2	39.4

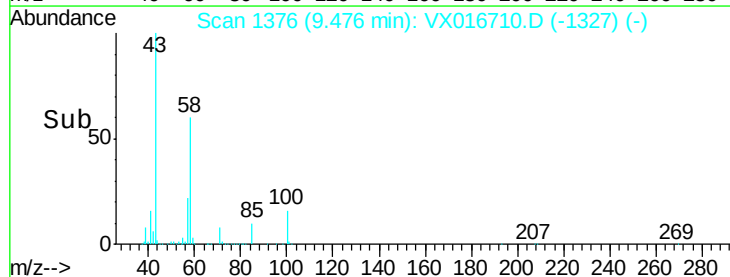
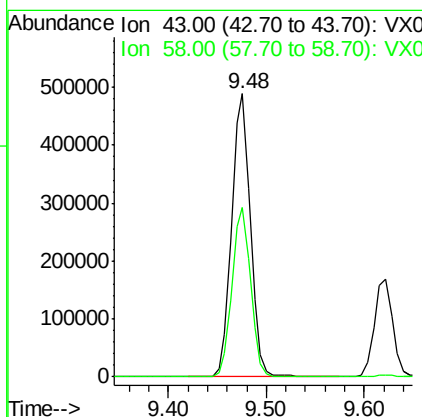
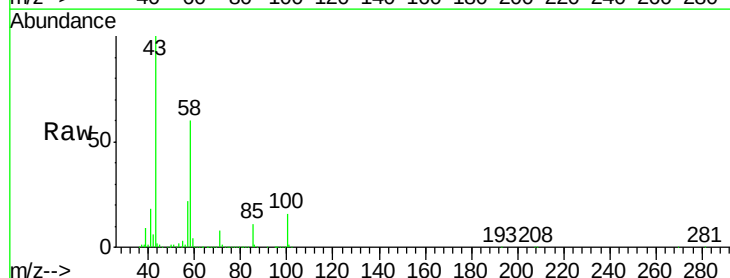
Manual Integrations
 APPROVED

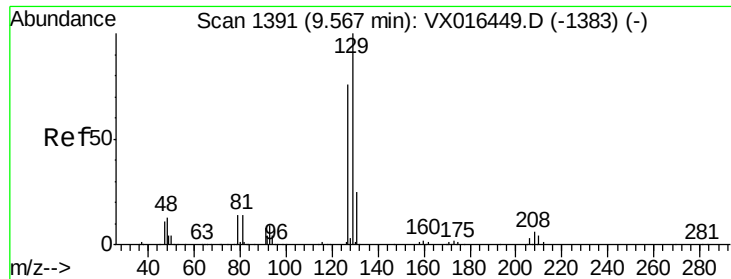
MMDadoda
 6/12/2020 5:45:32 PM



#59
 2-Hexanone
 Concen: 236.429 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.5	28.8	86.4





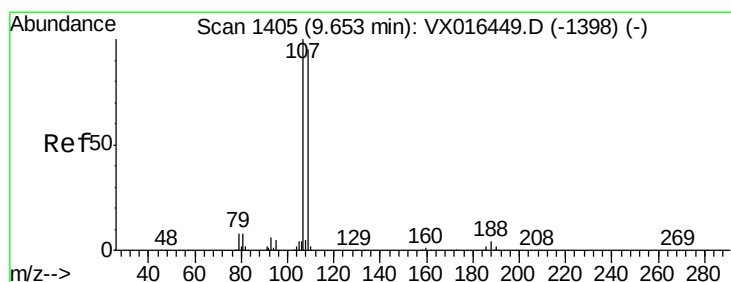
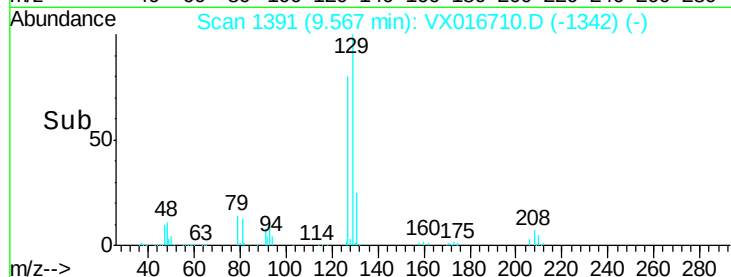
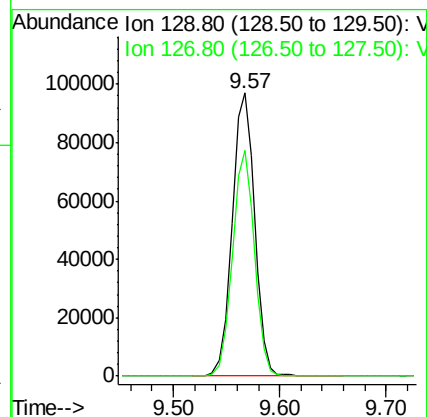
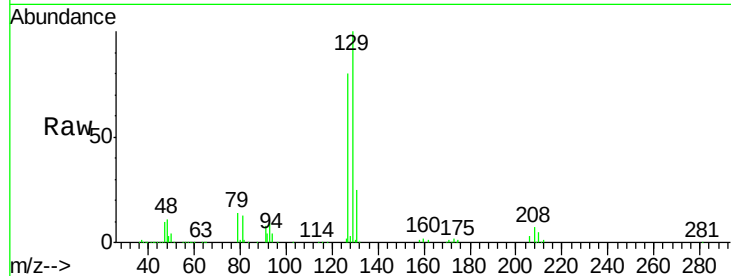
#60
Dibromochloromethane
Concen: 56.659 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.6	38.6	116.0

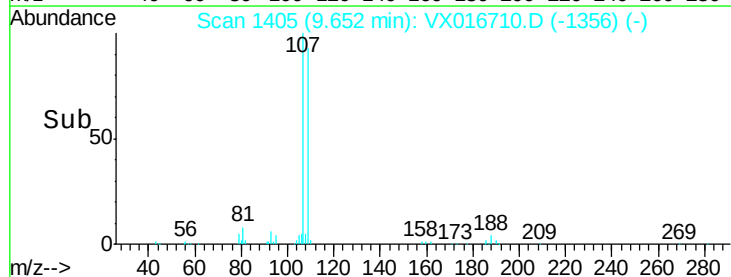
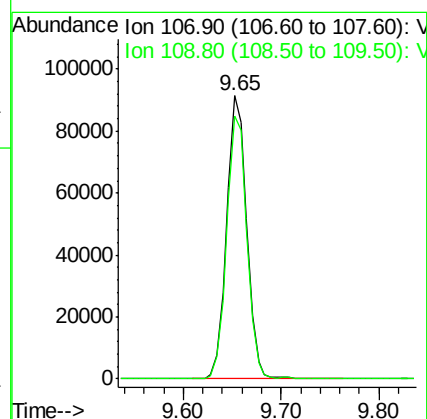
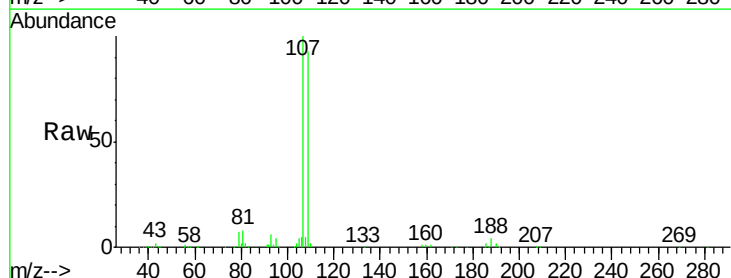
Manual Integrations
APPROVED

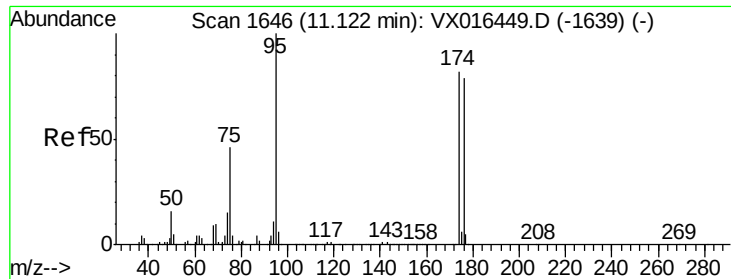
MMDadoda
6/12/2020 5:45:32 PM



#61
1,2-Dibromoethane
Concen: 53.630 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.5	113.3





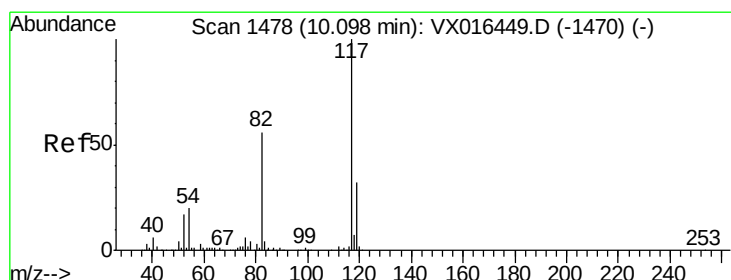
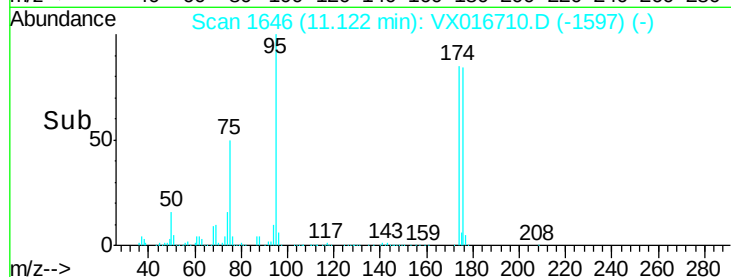
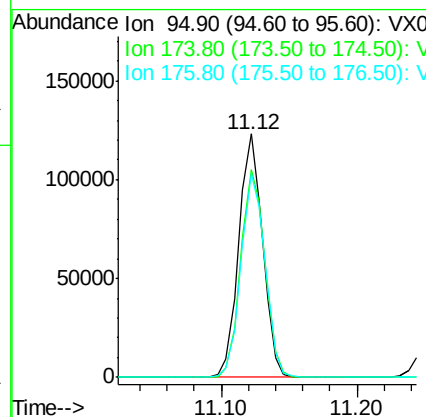
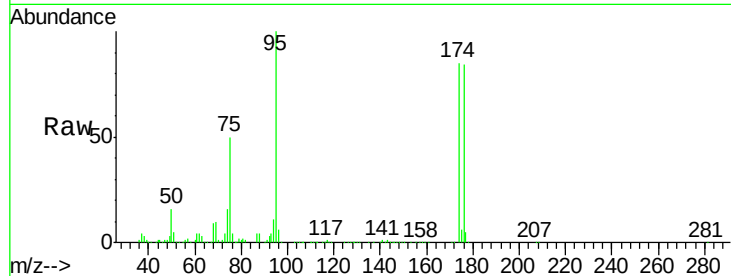
#62
4-Bromofluorobenzene
Concen: 50.698 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	149876		
174	86.7	0.0	163.0	
176	84.4	0.0	156.8	

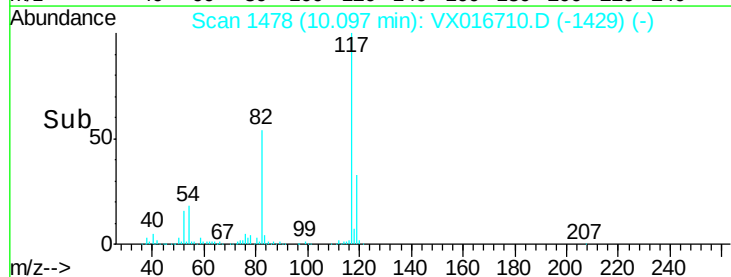
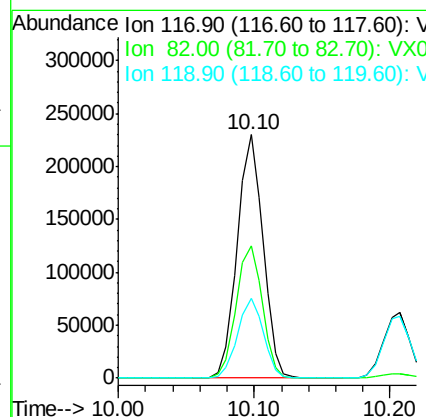
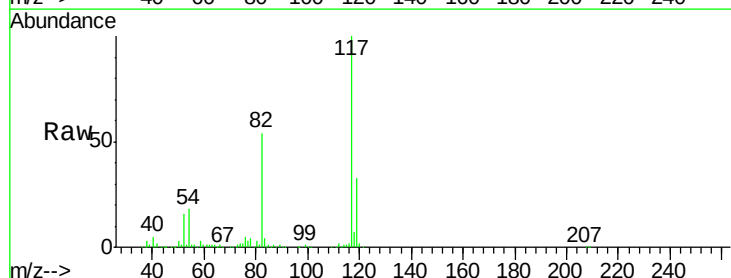
Manual Integrations
APPROVED

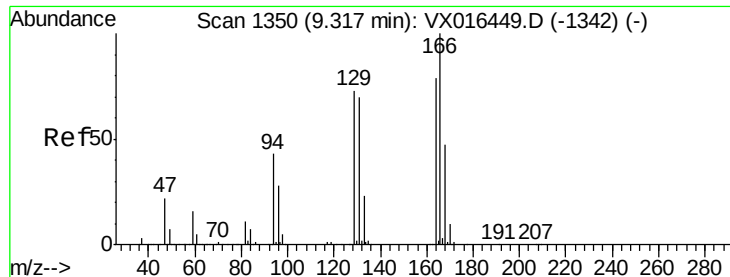
MMDadoda
6/12/2020 5:45:32 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	304263		
82	54.4	45.0	67.6	
119	32.6	25.8	38.8	





#64

Tetrachloroethene

Concen: 46.001 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

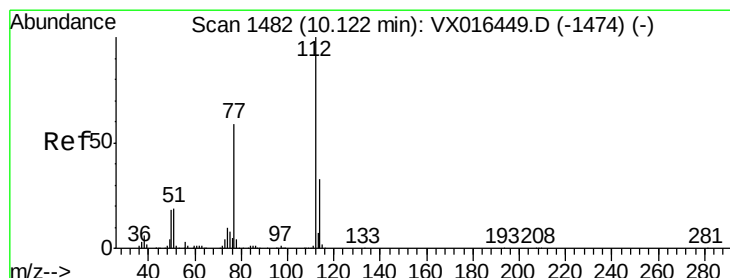
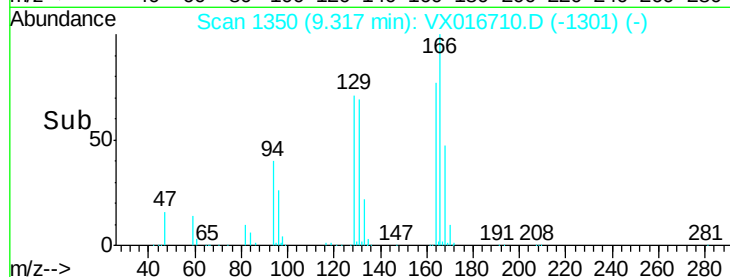
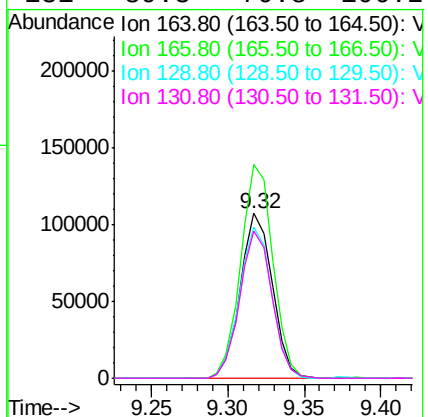
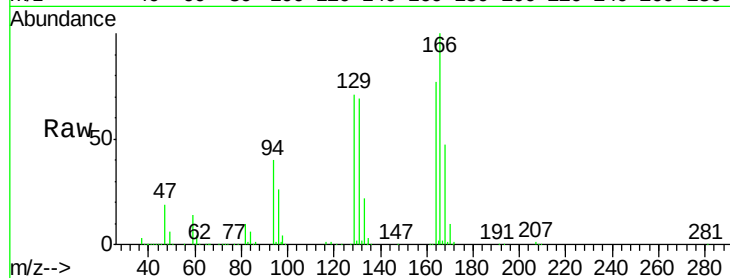
ClientSampleId :

LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	129.8	100.9	151.3
129	91.7	73.2	109.8
131	89.3	70.8	106.2

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#65

Chlorobenzene

Concen: 62.904 ug/l

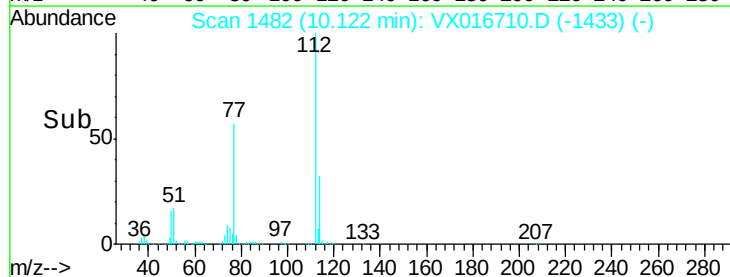
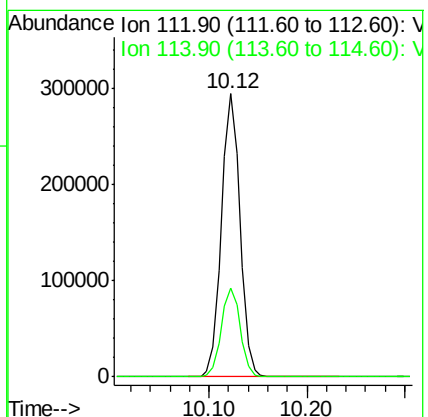
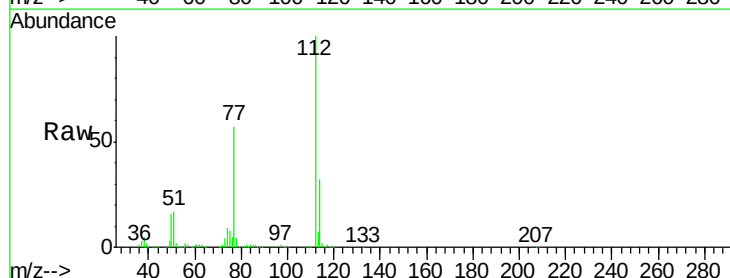
RT: 10.12 min Scan# 1482

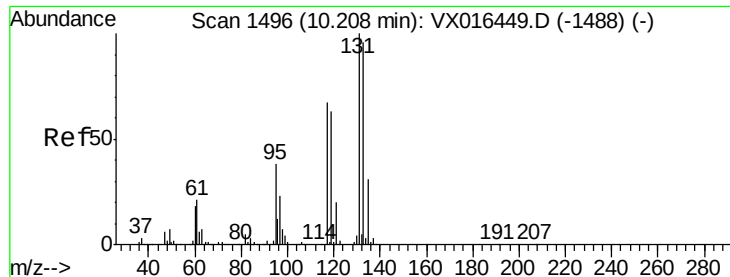
Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.6	26.0	39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 54.972 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

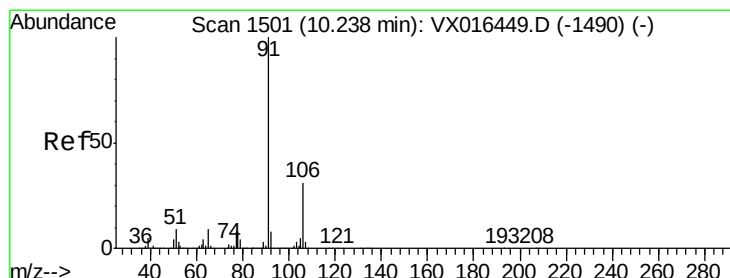
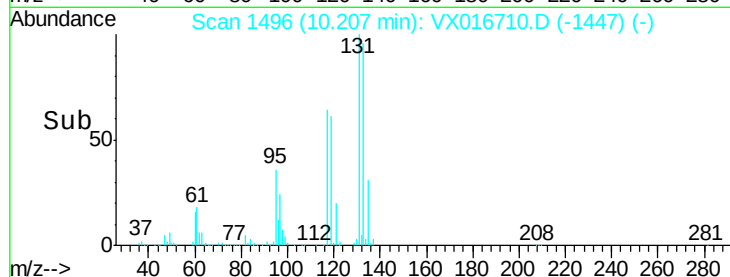
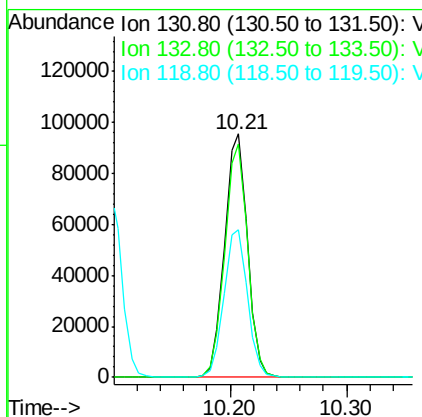
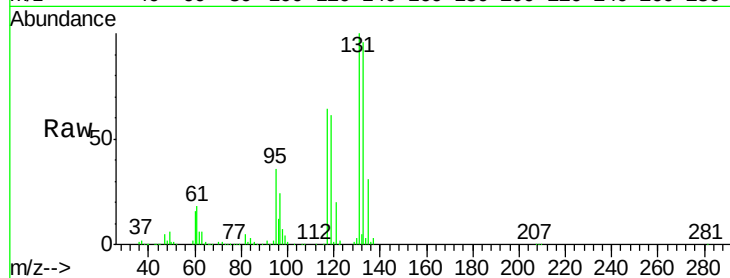
ClientSampleId :

LF014RW131-200608MSD

Tot Ion:	131	Resp:	130167
Ion Ratio	Lower	Upper	
131	100		
133	95.8	48.4	145.3
119	62.4	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#67

Ethyl Benzene

Concen: 49.737 ug/l

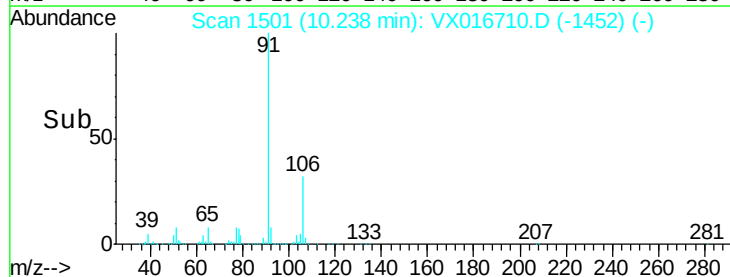
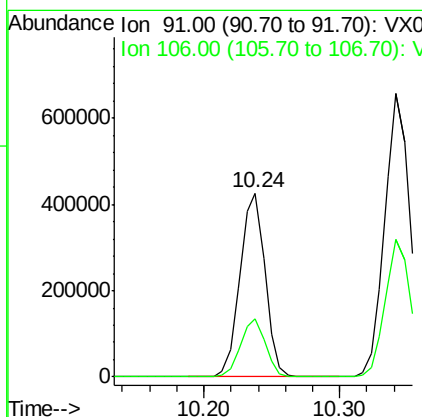
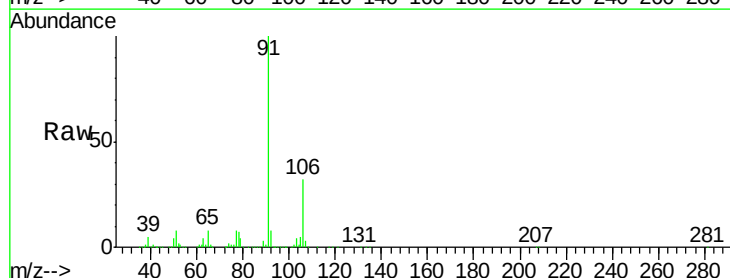
RT: 10.24 min Scan# 1501

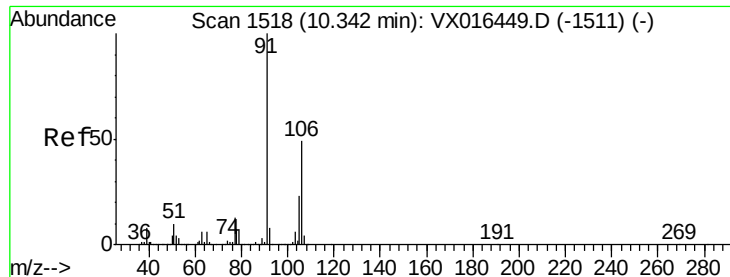
Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion:	91	Resp:	549297
Ion Ratio	Lower	Upper	
91	100		
106	31.8	25.0	37.4





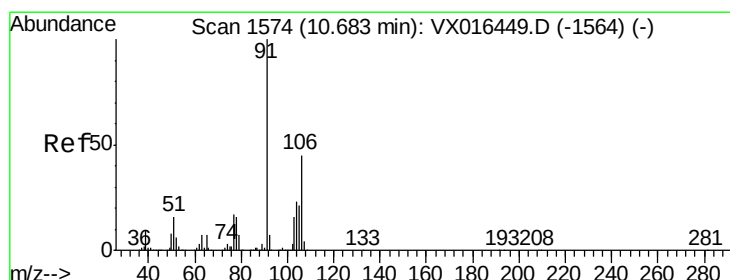
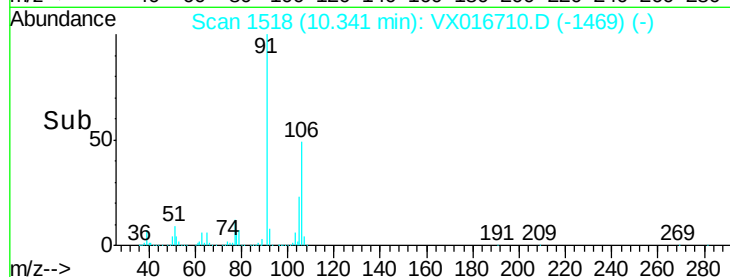
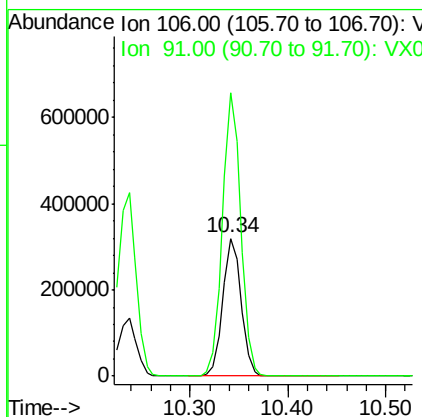
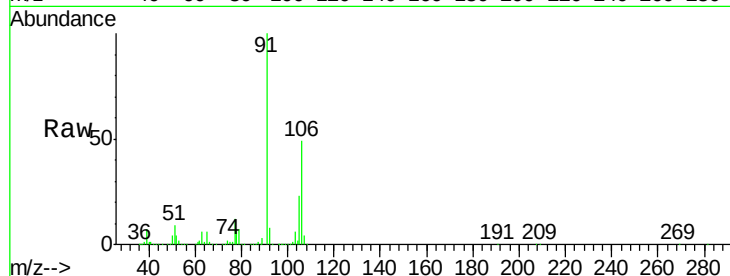
#68
m/p-Xylenes
Concen: 101.867 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		417131		
91	205.1	163.8	245.8		

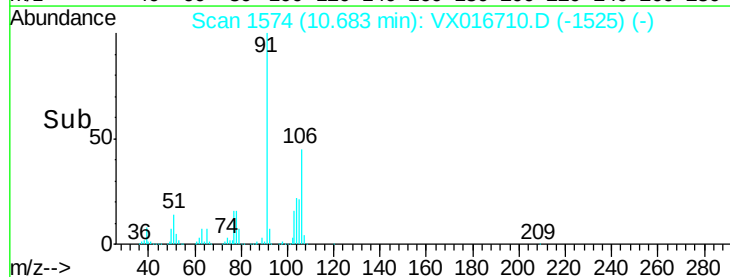
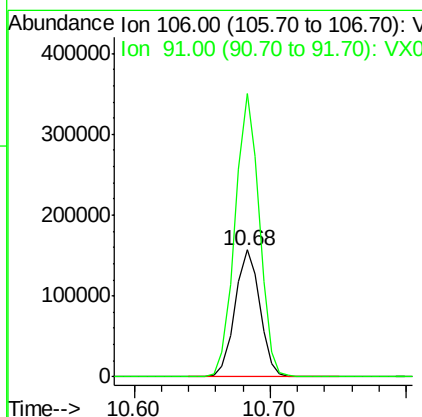
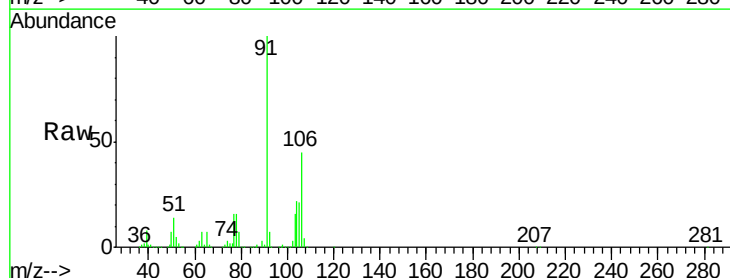
Manual Integrations
APPROVED

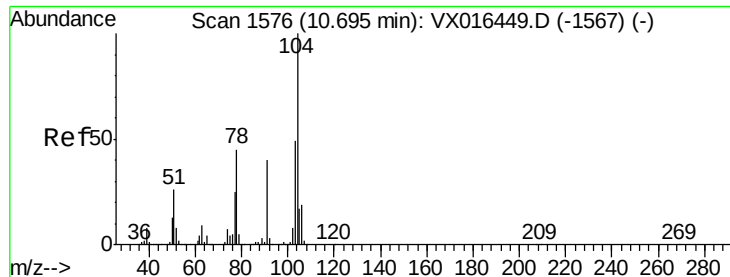
MMDadoda
6/12/2020 5:45:32 PM



#69
o-Xylene
Concen: 50.376 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		199773		
91	217.7	109.6	328.8		





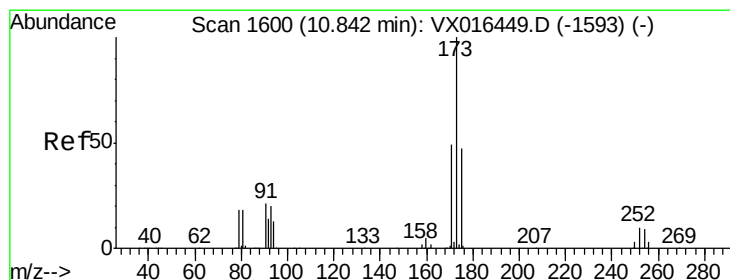
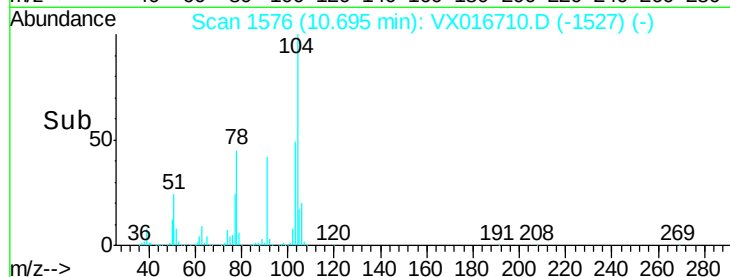
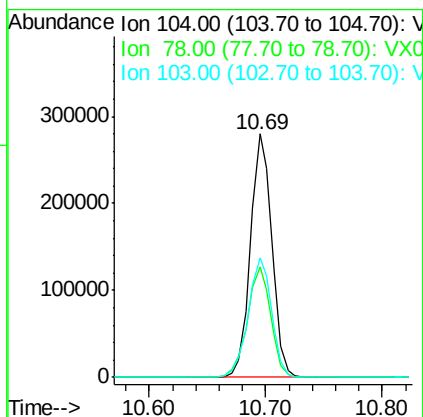
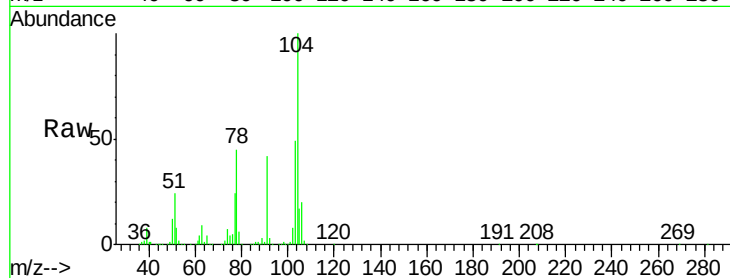
#70
Stvrene
Concen: 52.873 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	360407		
78	49.5		40.2	60.2
103	53.6		43.1	64.7

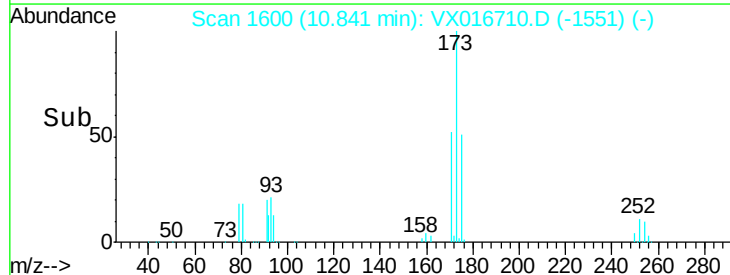
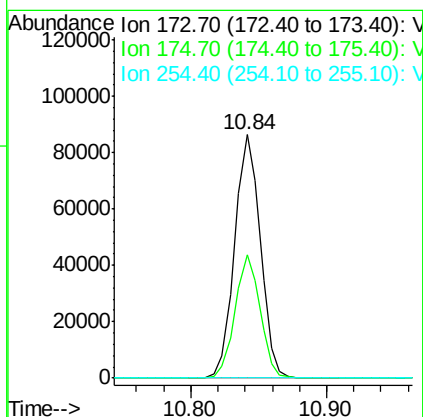
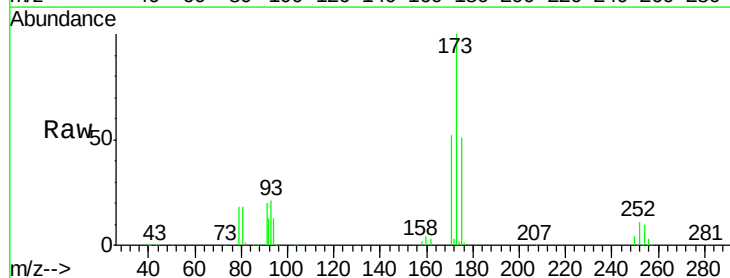
Manual Integrations
APPROVED

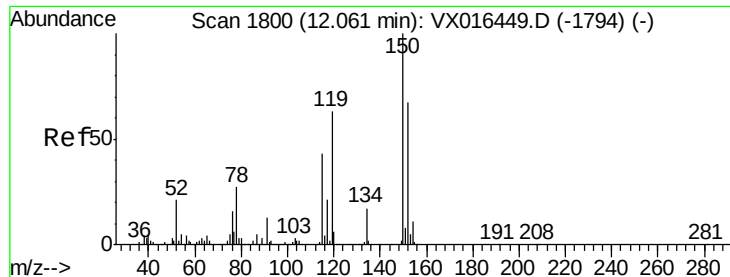
MMDadoda
6/12/2020 5:45:32 PM



#71
Bromoform
Concen: 56.744 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	113555		
175	49.3		23.9	71.7
254	0.1		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

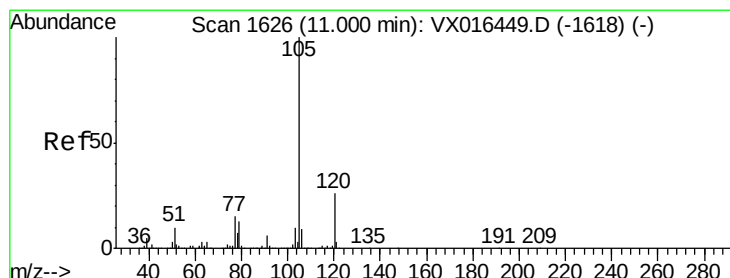
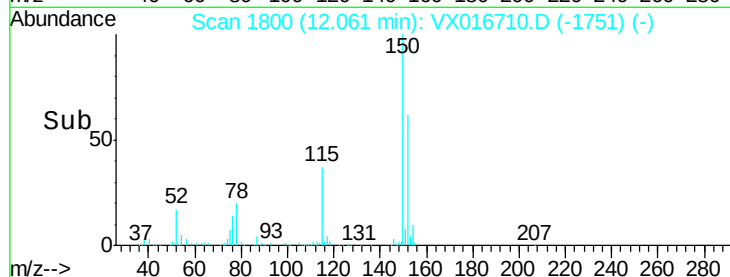
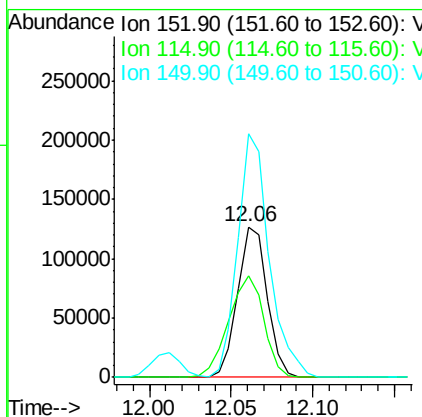
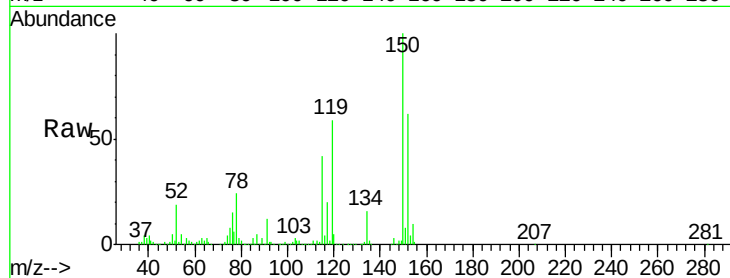
ClientSampleId :

LF014RW131-200608MSD

Tot Ion:	152	Resp:	160199
Ion Ratio		Lower	Upper
152	100		
115	80.6	39.9	119.6
150	172.9	0.0	341.0

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#73

Isopropylbenzene

Concen: 48.769 ug/l

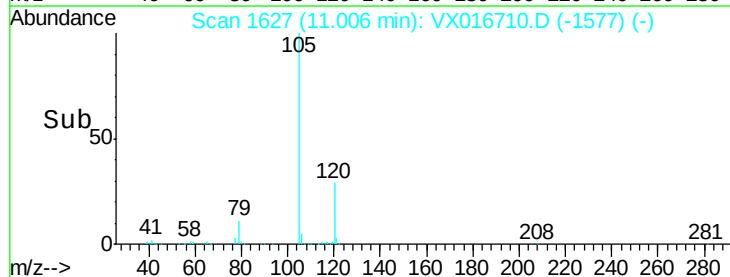
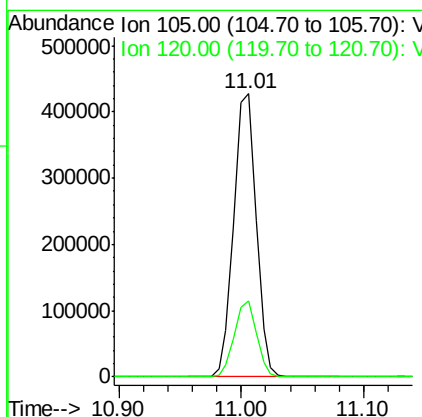
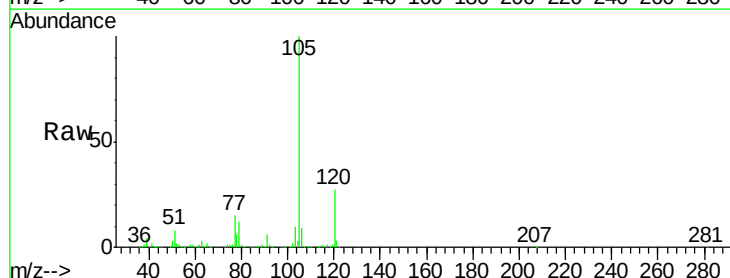
RT: 11.01 min Scan# 1627

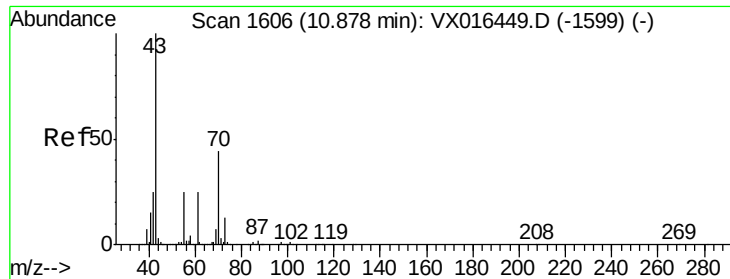
Delta R.T. 0.01 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Tgt Ion:	105	Resp:	541331
Ion Ratio		Lower	Upper
105	100		
120	26.5	13.1	39.3





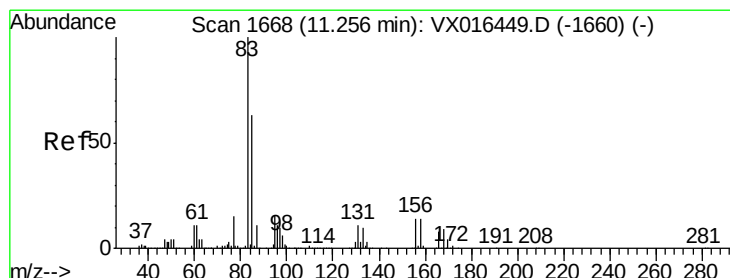
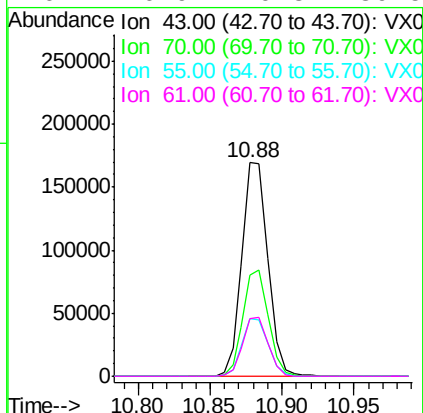
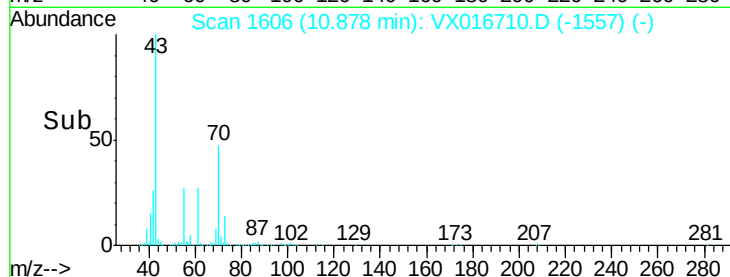
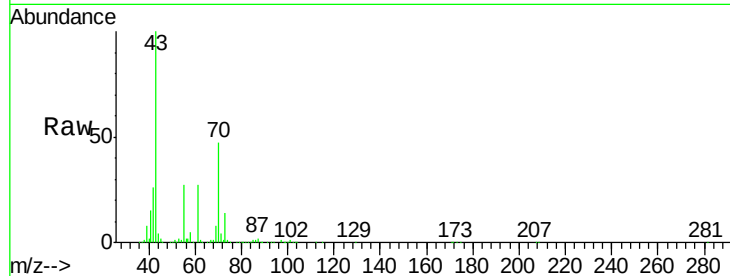
#74
N-amvl acetate
Concen: 41.694 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	43	Resp	212873
Ion Ratio	Lower	Upper	
43	100		
70	48.4	36.1	54.1
55	27.0	20.2	30.4
61	26.9	20.3	30.5

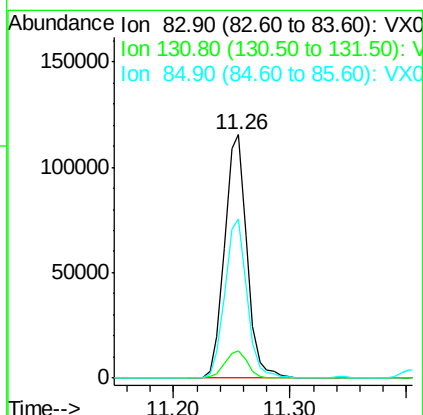
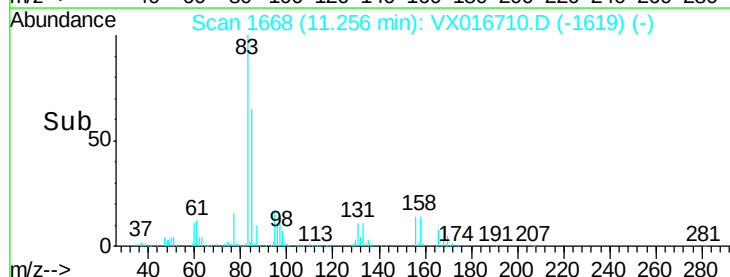
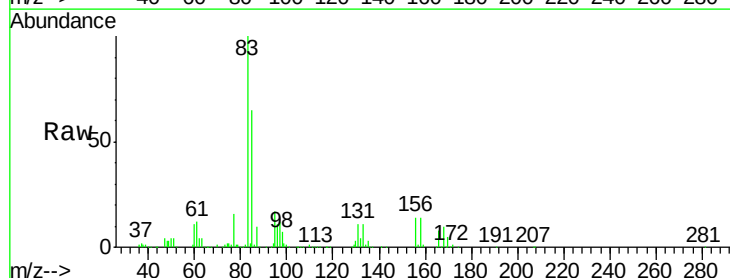
Manual Integrations
APPROVED

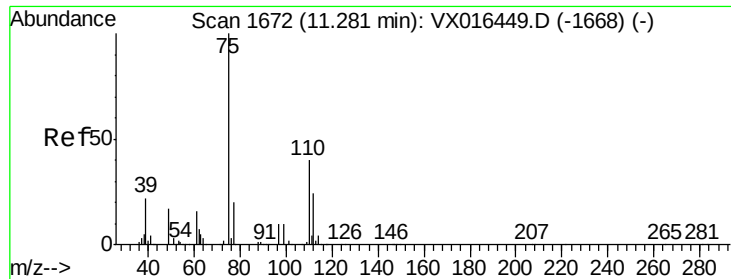
MMDadoda
6/12/2020 5:45:32 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 54.976 ug/l
RT: 11.26 min Scan# 1668
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	83	Resp	152934
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.1	15.3
85	65.1	32.0	96.2





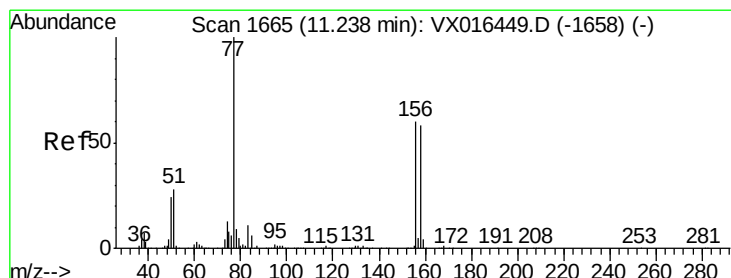
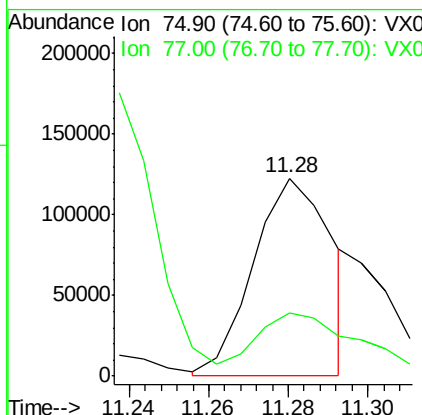
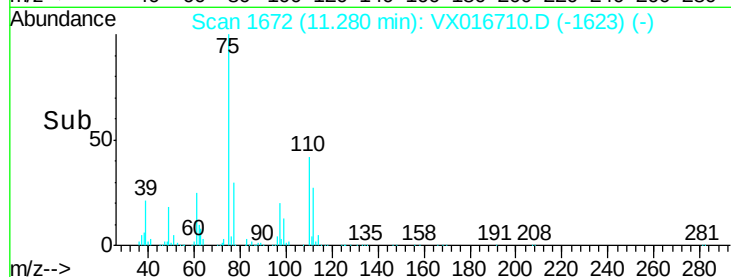
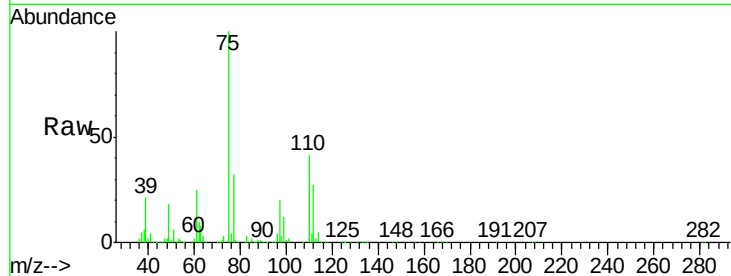
#76
1,2,3-Trichloropropane
Concen: 47.585 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion: 75 Resp: 167560
Ion Ratio Lower Upper
75 100
77 42.5 21.3 63.7

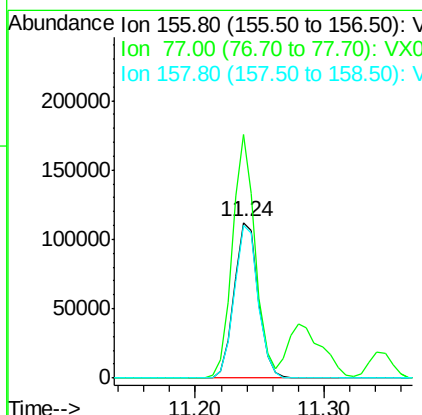
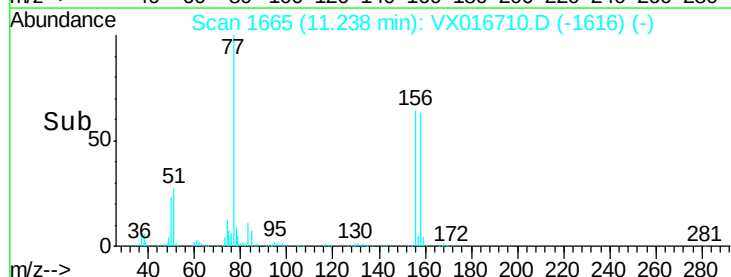
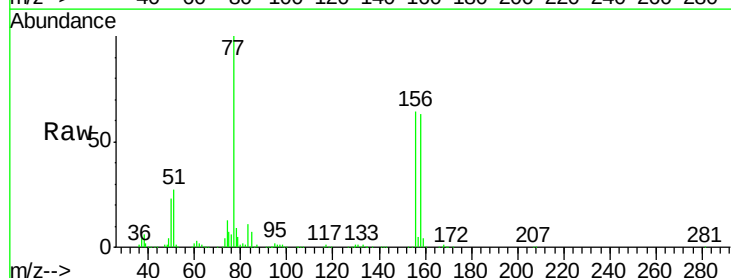
Manual Integrations
APPROVED

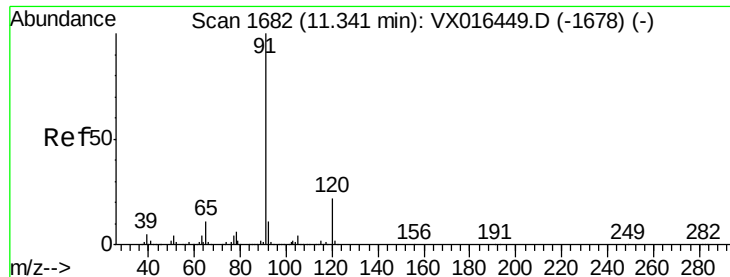
MMDadoda
6/12/2020 5:45:32 PM



#77
Bromobenzene
Concen: 50.106 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion: 156 Resp: 145872
Ion Ratio Lower Upper
156 100
77 148.9 79.6 238.8
158 97.7 48.1 144.4





#78

n-propylbenzene

Concen: 47.856 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion: 91 Resp: 593458

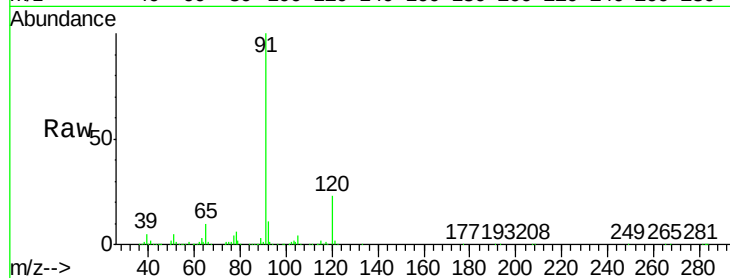
Ion Ratio Lower Upper

91 100

120 24.1 11.6 34.7

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.34

500000

400000

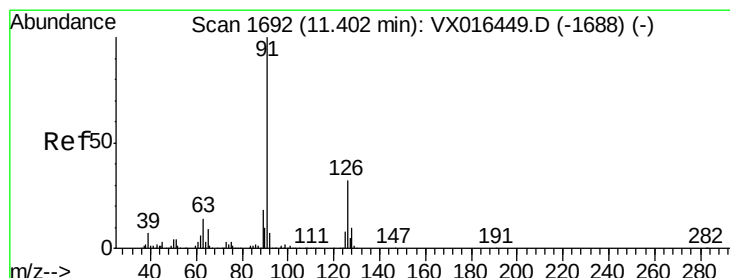
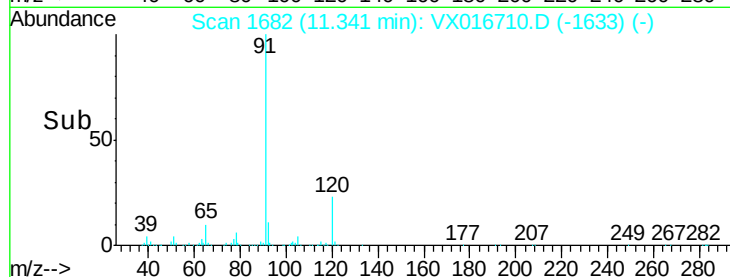
300000

200000

100000

0

Time-->



#79

2-Chlorotoluene

Concen: 48.800 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX016710.D

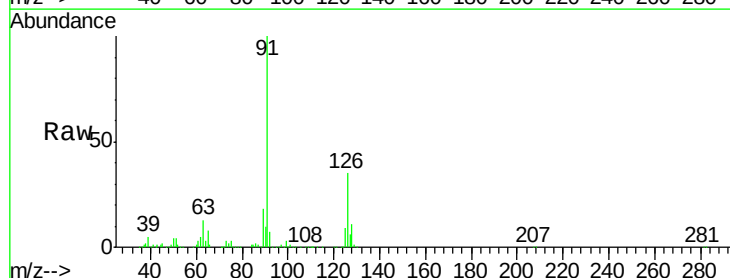
Acq: 11 Jun 2020 17:28

Tgt Ion: 91 Resp: 369395

Ion Ratio Lower Upper

91 100

126 34.5 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

11.41

500000

400000

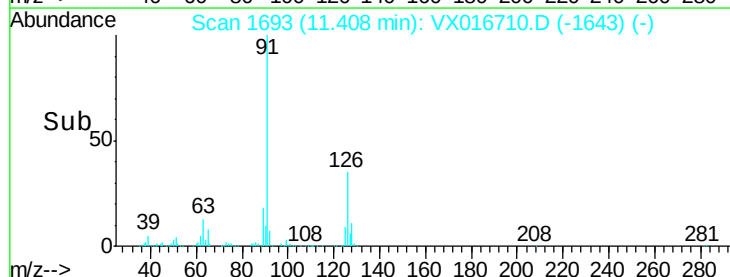
300000

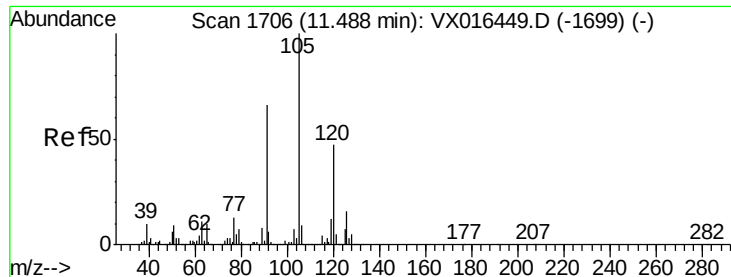
200000

100000

0

Time-->





#80

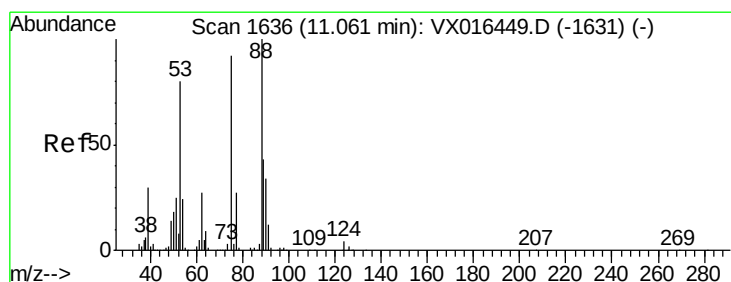
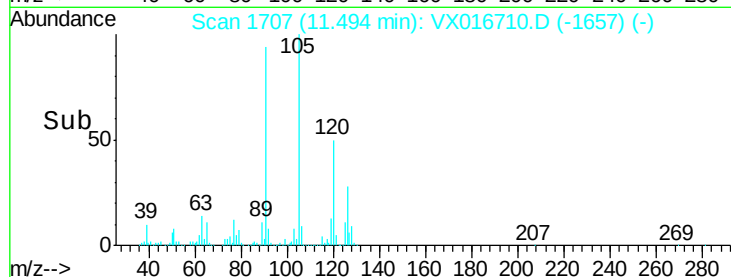
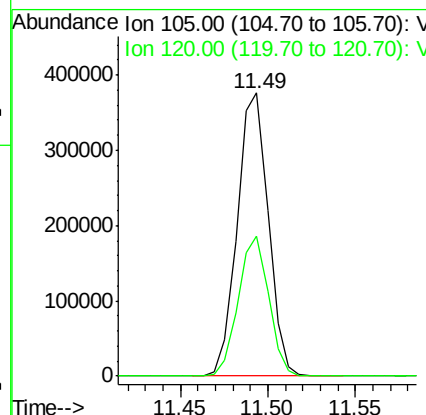
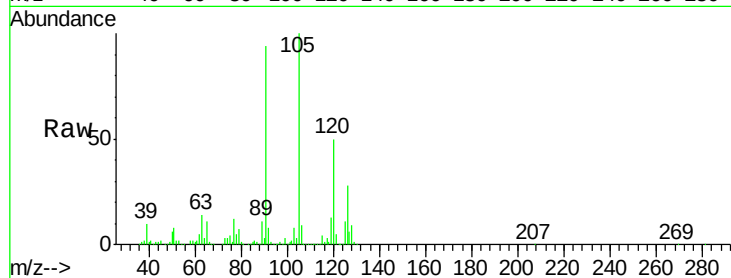
1,3,5-Trimethylbenzene
Concen: 50.020 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.01 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.6	24.3	72.8

Manual Integrations
APPROVED

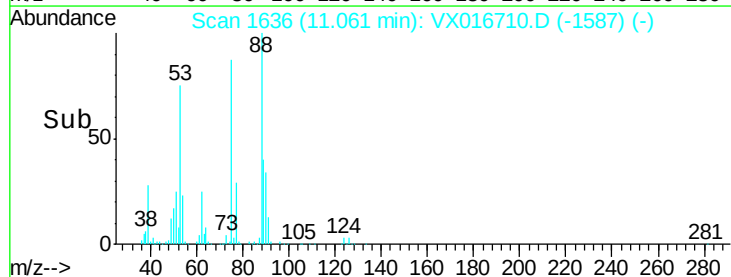
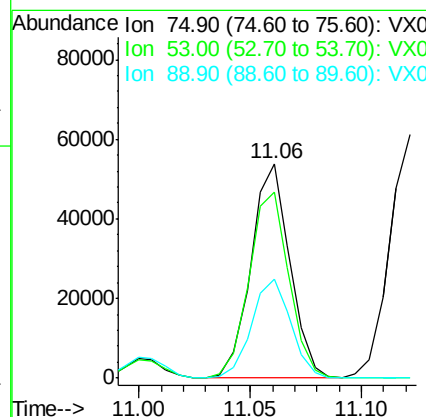
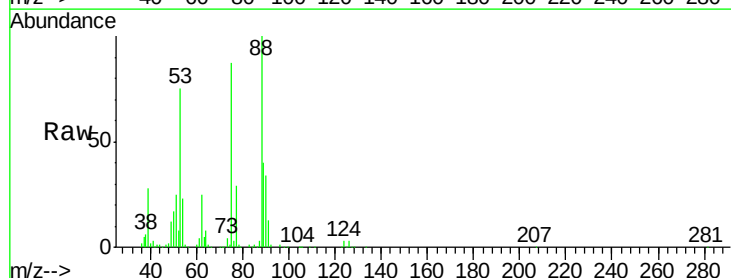
MMDadoda
6/12/2020 5:45:32 PM

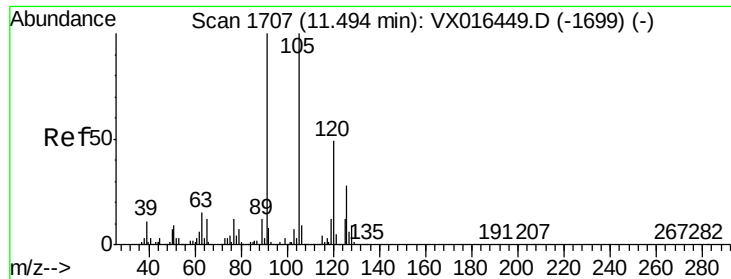


#81

trans-1,4-Dichloro-2-butene
Concen: 45.683 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
75	100		
53	89.3	71.3	106.9
89	46.8	36.6	55.0





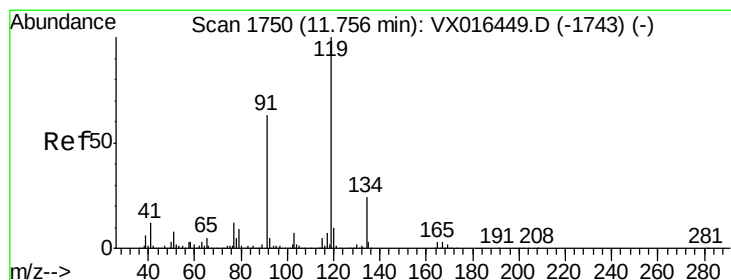
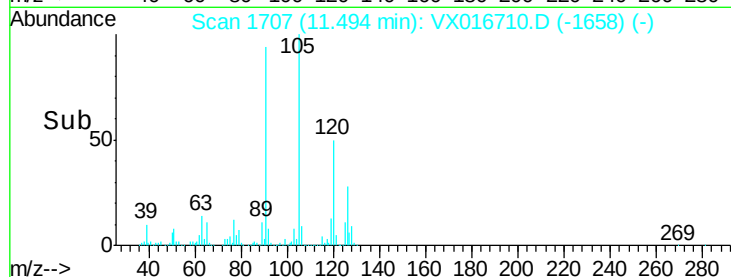
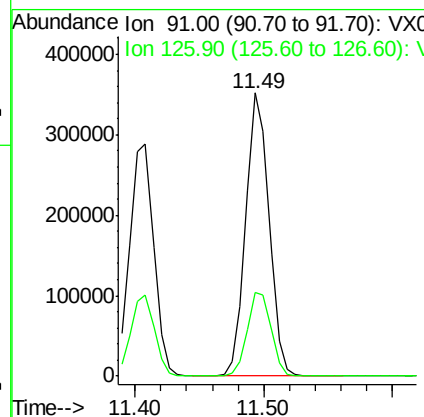
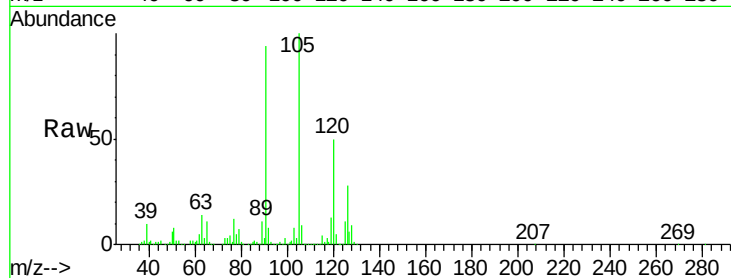
#82
4-Chlorotoluene
Concen: 49.035 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
126	30.2	14.7	44.1	

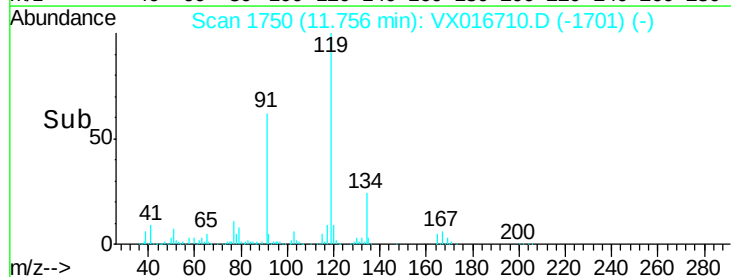
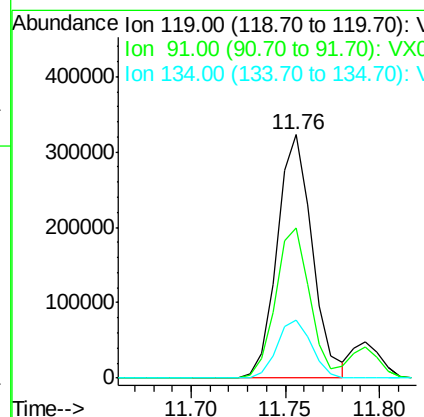
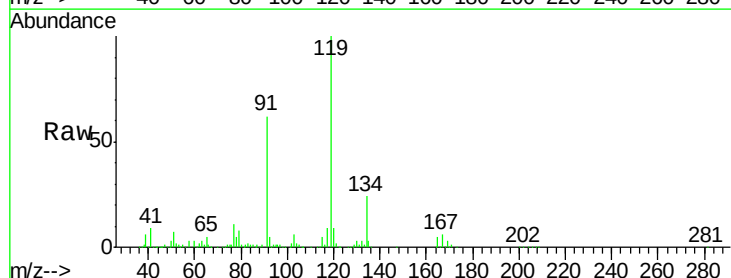
Manual Integrations
APPROVED

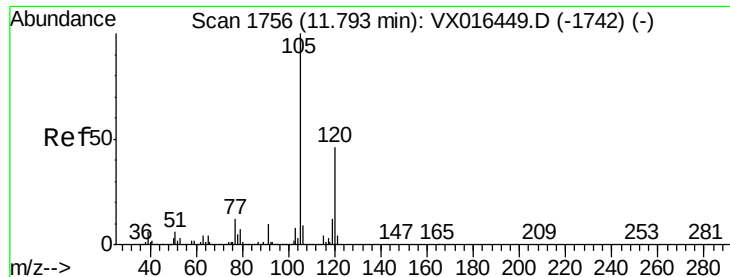
MMDadoda
6/12/2020 5:45:32 PM



#83
tert-Butylbenzene
Concen: 52.529 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
119	100			
91	60.1	31.3	93.8	
134	23.7	12.0	36.0	





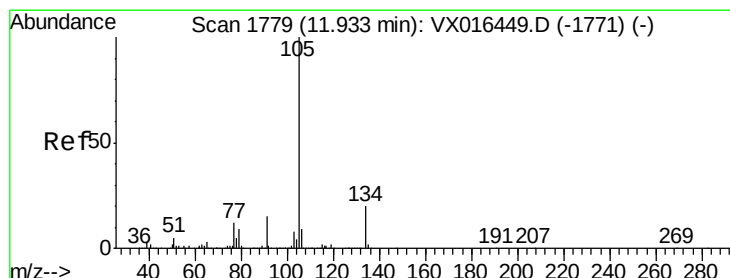
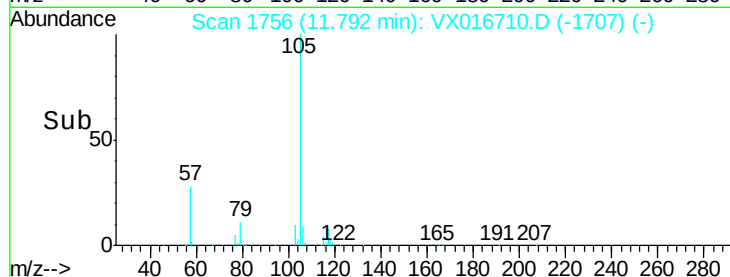
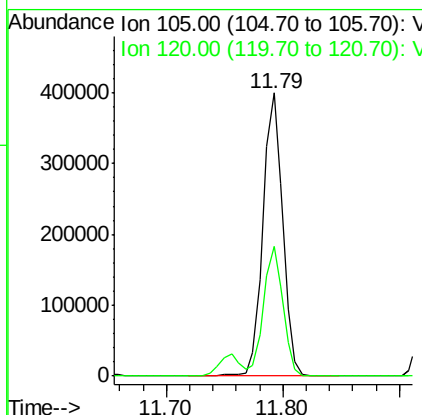
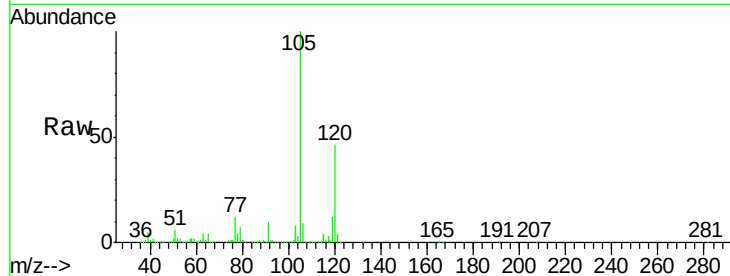
#84
1,2,4-Trimethylbenzene
Concen: 50.561 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.7

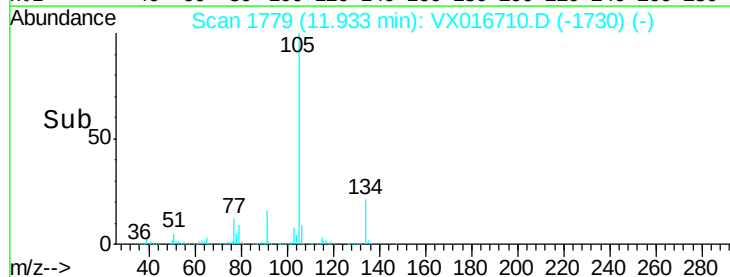
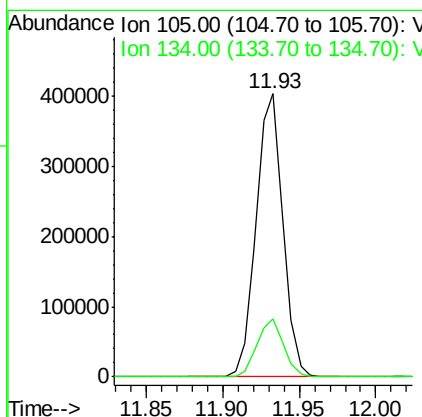
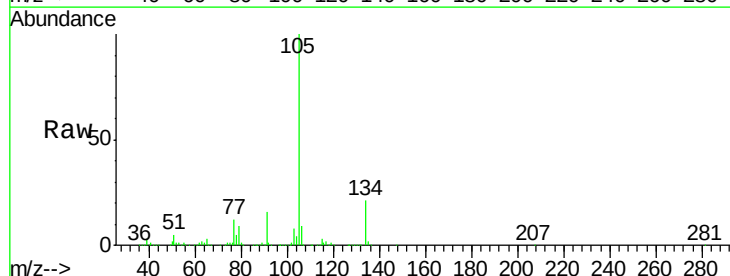
Manual Integrations
APPROVED

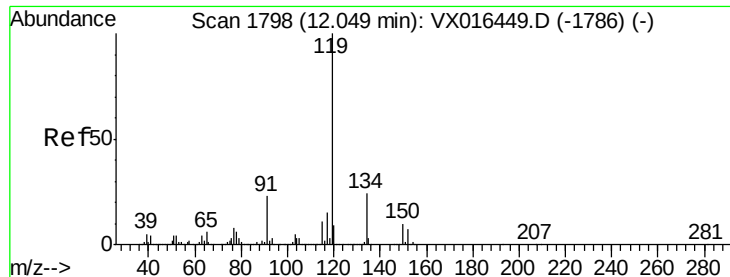
MMDadoda
6/12/2020 5:45:32 PM



#85
sec-Butylbenzene
Concen: 49.487 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3





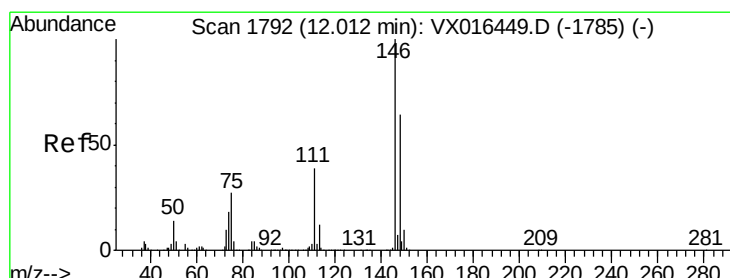
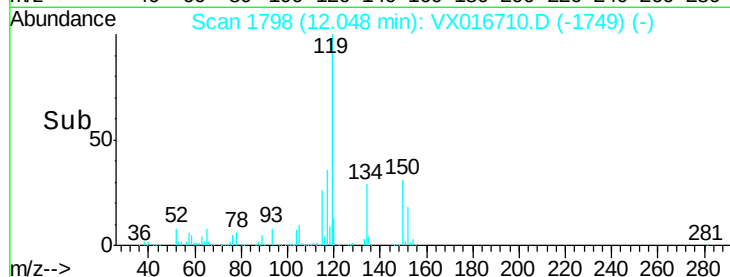
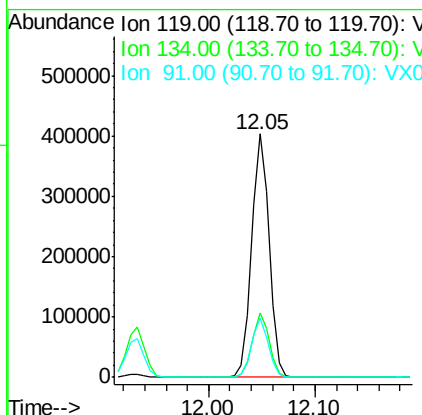
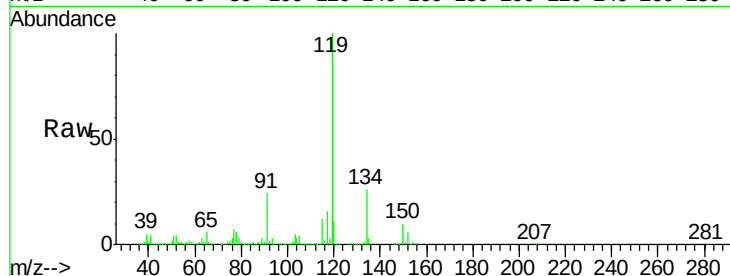
#86
p-Isopropyltoluene
Concen: 50.199 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	467150		
134	25.8	12.7	38.0	
91	23.6	11.7	35.0	

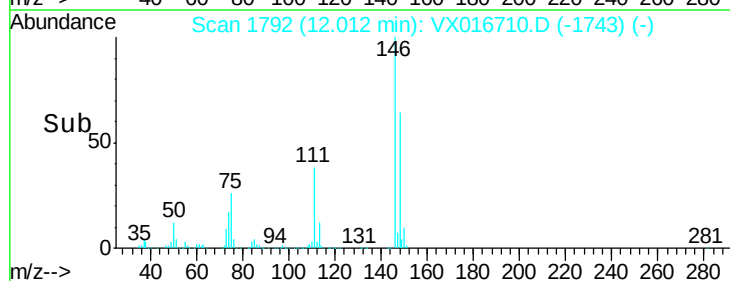
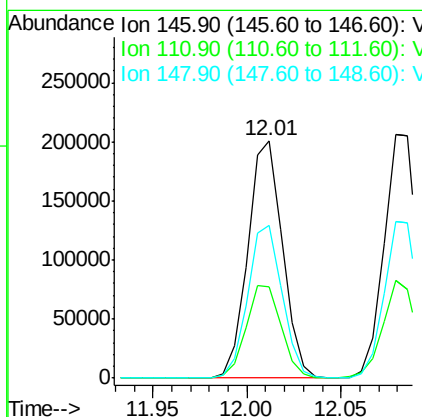
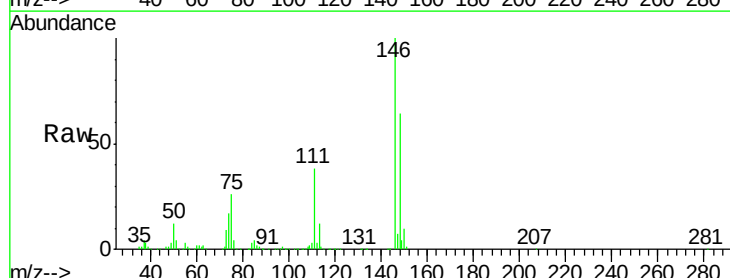
Manual Integrations
APPROVED

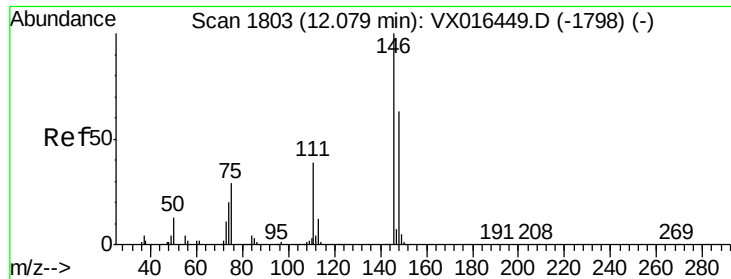
MMDadoda
6/12/2020 5:45:32 PM



#87
1,3-Dichlorobenzene
Concen: 50.721 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	255827		
111	39.8	20.0	60.0	
148	64.1	31.9	95.5	





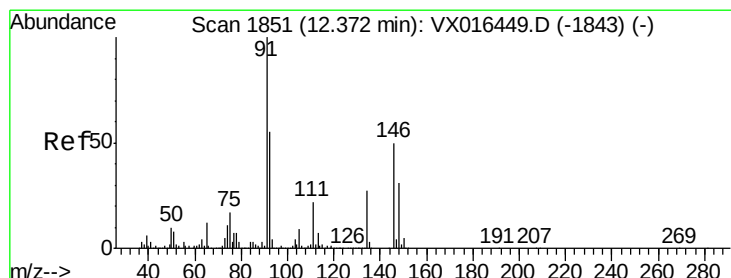
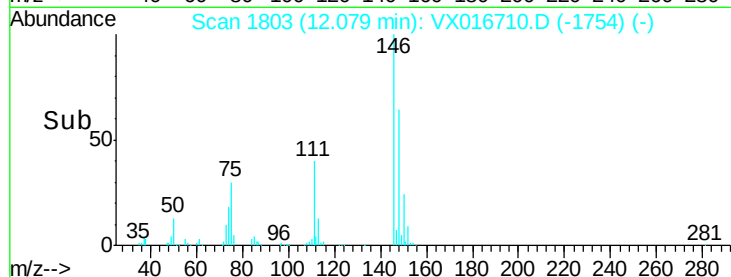
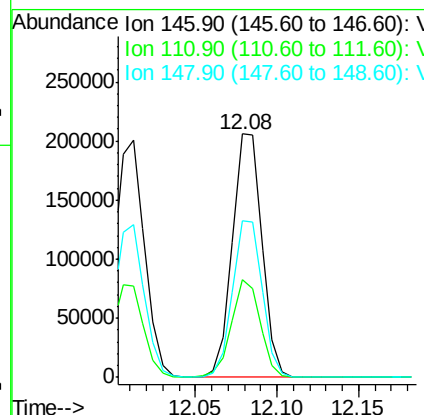
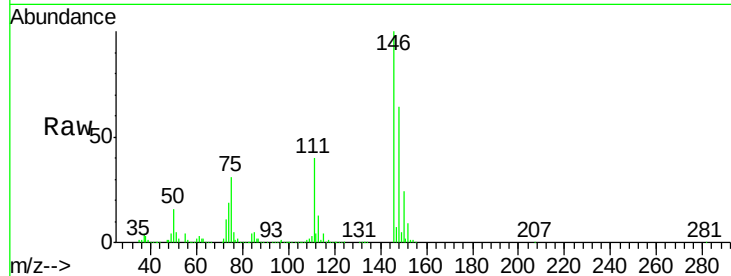
#88
 1,4-Dichlorobenzene
 Concen: 50.359 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
146	100	259777		
111	39.0		19.4	58.2
148	64.6		31.4	94.3

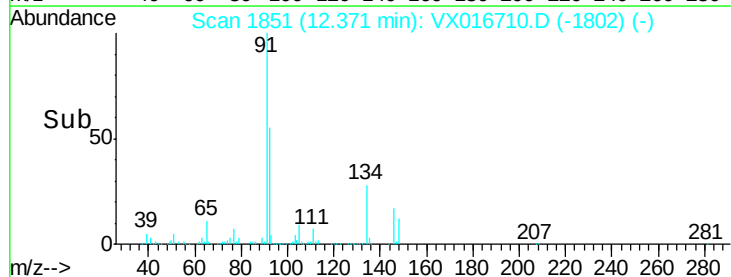
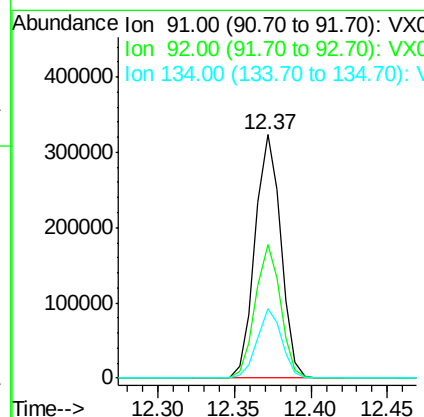
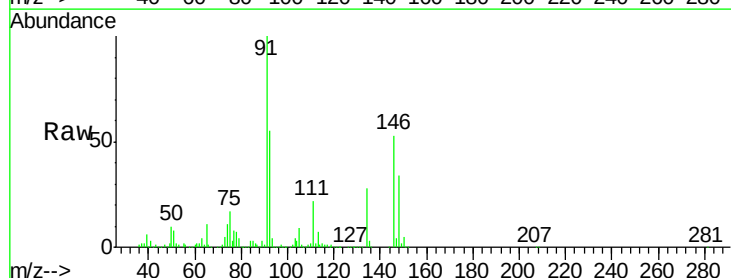
Manual Integrations
 APPROVED

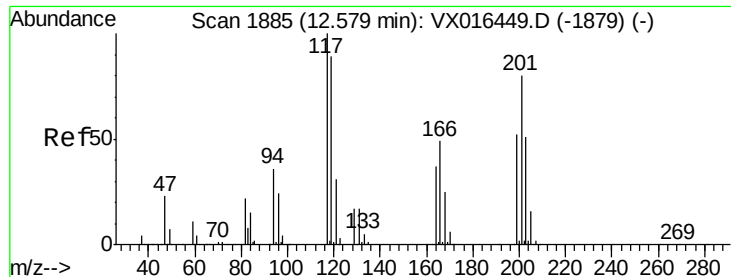
MMDadoda
 6/12/2020 5:45:32 PM



#89
 n-Butylbenzene
 Concen: 48.912 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	379130		
92	53.6		27.2	81.5
134	27.2		13.1	39.3





#90

Hexachloroethane

Concen: 52.038 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

Instrument :

MSVOA_X

ClientSampleId :

LF014RW131-200608MSD

Tot Ion:117 Resp: 83646

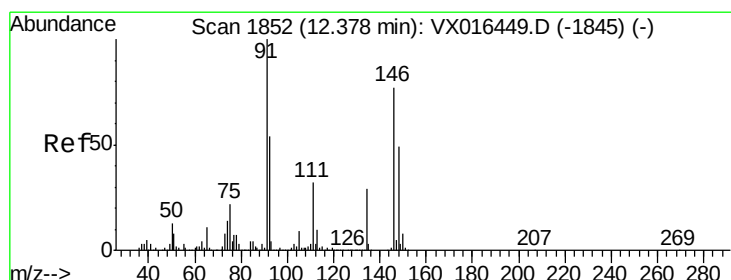
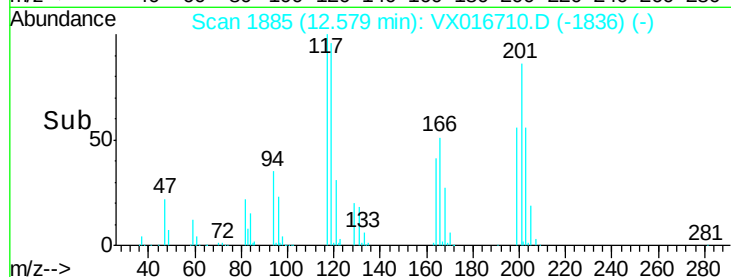
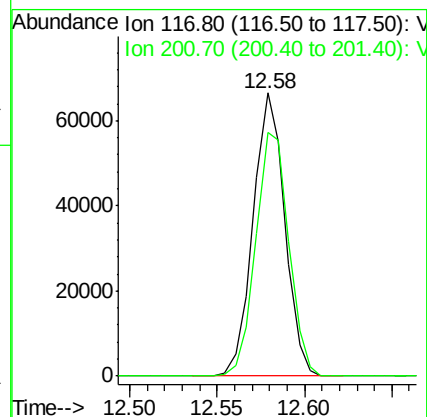
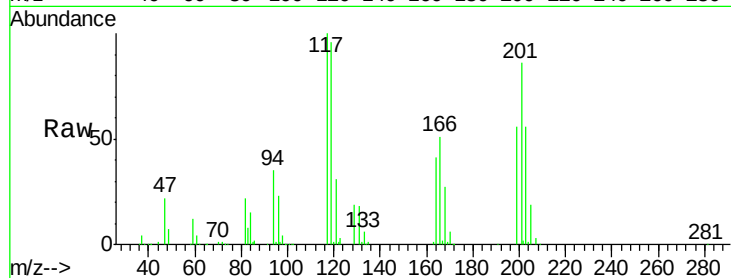
Ion Ratio Lower Upper

117 100

201 89.8 43.1 129.3

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM



#91

1,2-Dichlorobenzene

Concen: 51.008 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016710.D

Acq: 11 Jun 2020 17:28

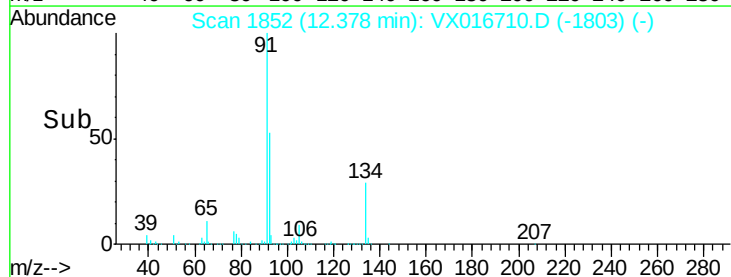
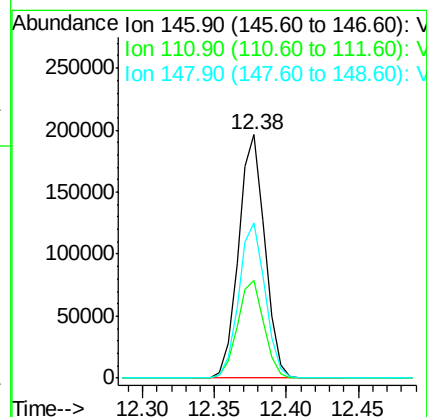
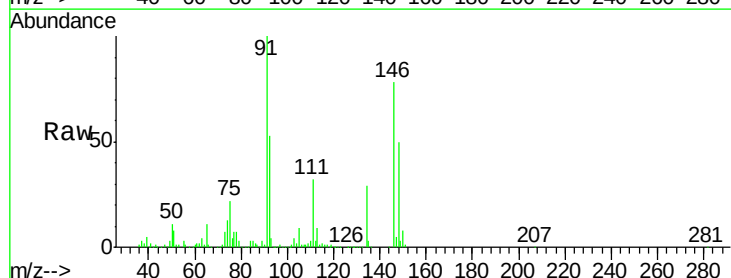
Tgt Ion:146 Resp: 249258

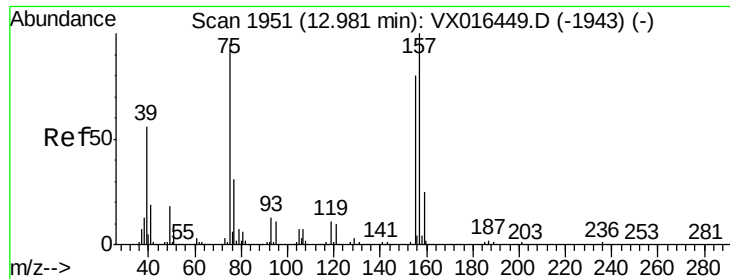
Ion Ratio Lower Upper

146 100

111 40.7 21.4 64.3

148 64.0 31.9 95.7





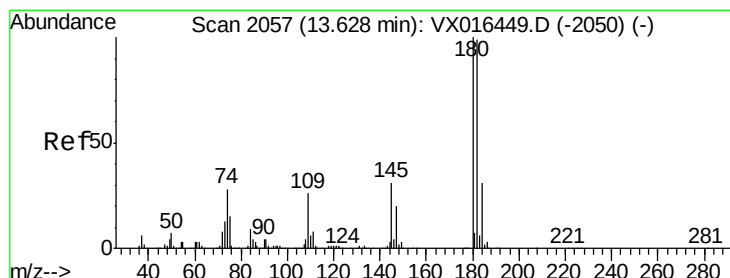
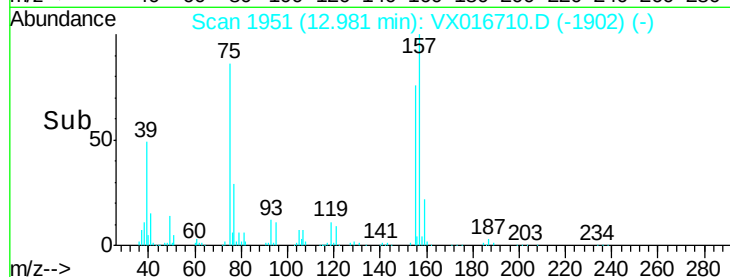
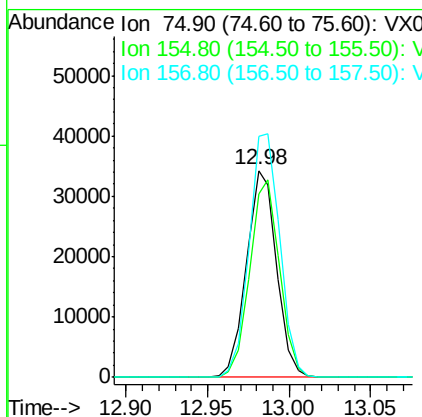
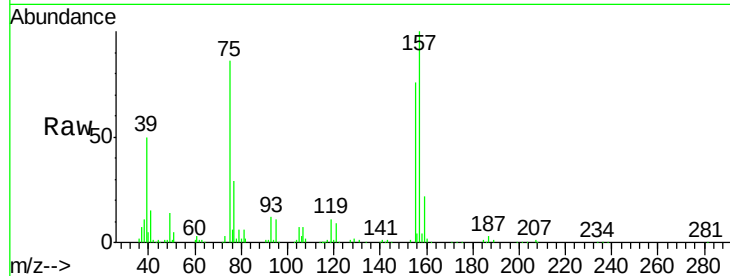
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.881 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	94.6	44.1	132.4
157	120.7	57.8	173.3

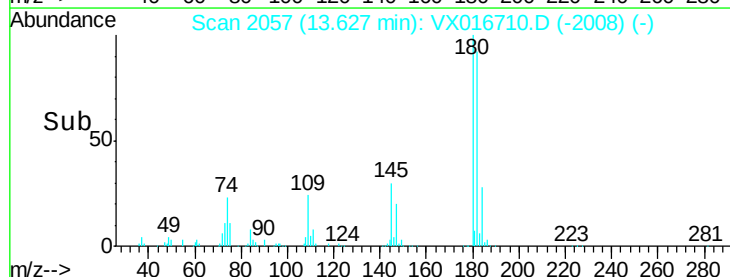
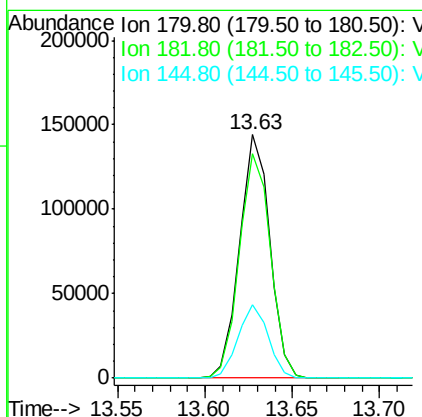
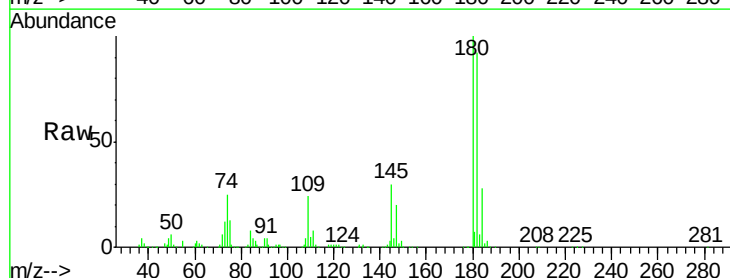
Manual Integrations
 APPROVED

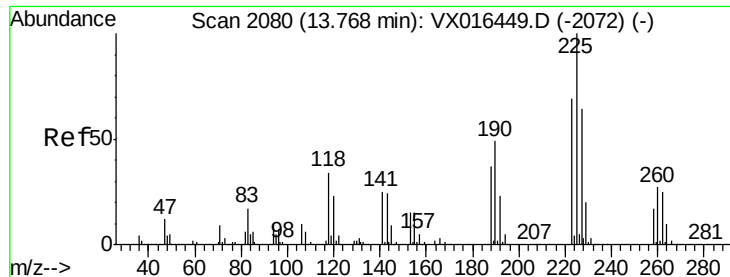
MMDadoda
 6/12/2020 5:45:32 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 53.432 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.3	144.8
145	29.9	15.4	46.2





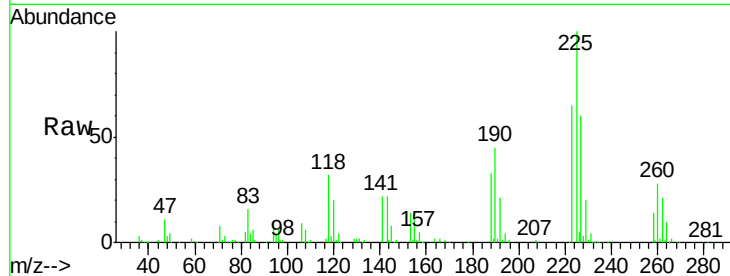
#94
Hexachlorobutadiene
Concen: 55.293 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Instrument :
MSVOA_X
ClientSampleId :
LF014RW131-200608MSD

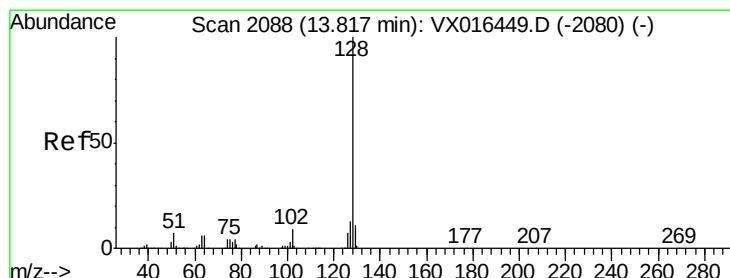
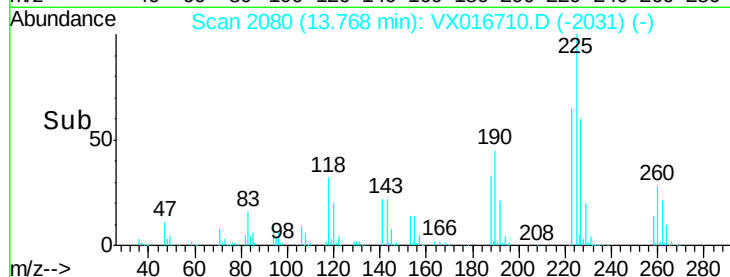
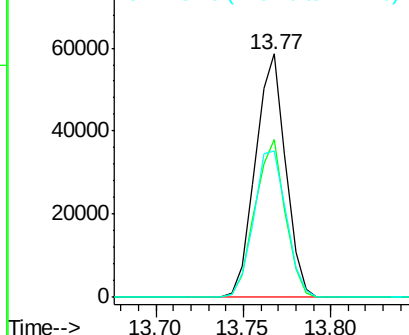
Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.8	32.3	96.8	
227	65.0	31.6	94.7	

Manual Integrations
APPROVED

MMDadoda
6/12/2020 5:45:32 PM

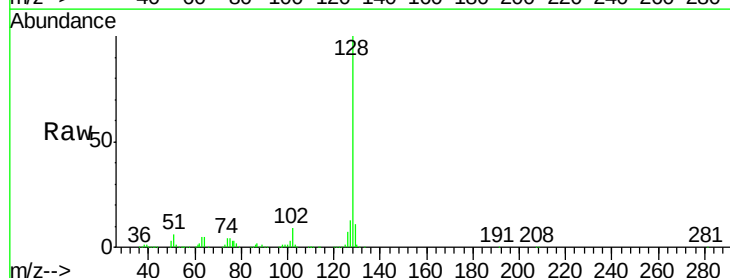


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V

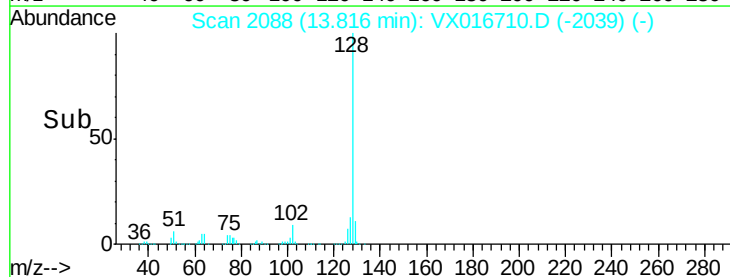
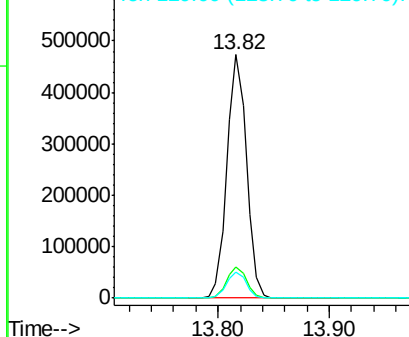


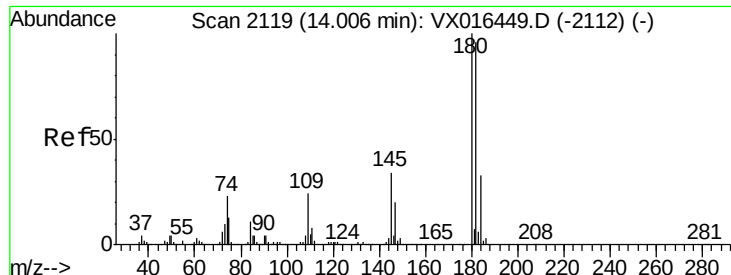
#95
Naphthalene
Concen: 51.744 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016710.D
Acq: 11 Jun 2020 17:28

Tgt Ion	Ratio	Resp	Lower	Upper
128	100			
127	12.9	10.6	15.8	
129	10.8	8.6	13.0	



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





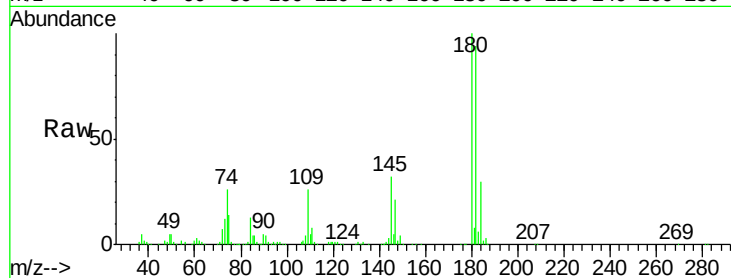
#96
 1,2,3-Trichlorobenzene
 Concen: 53.813 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016710.D
 Acq: 11 Jun 2020 17:28

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MSD

Tot Ion	Ratio	Resp	Lower	Upper
180	100	171097		
182	94.8		48.6	145.8
145	32.2		16.6	49.8

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:32 PM



Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

