

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016869.D
 Acq On : 19 Jun 2020 03:41
 Operator : JC/SP
 Sample : L3020-22MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:52 PM

Quant Time: Jun 19 12:20:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	225785	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	350556	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	377246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	170779	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127767	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	5.47	113	118613	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	8.70	98	424043	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
62) 4-Bromofluorobenzene	11.12	95	161722	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	147787	53.336	ug/l	99
3) Chloromethane	1.31	50	174017	61.936	ug/l	100
4) Vinyl Chloride	1.39	62	169940	53.667	ug/l	100
5) Bromomethane	1.62	94	106550	55.883	ug/l	100
6) Chloroethane	1.71	64	99585	51.062	ug/l	99
7) Trichlorofluoromethane	1.92	101	219248	49.493	ug/l	100
8) Diethyl Ether	2.17	74	90008	52.259	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	99788	42.290	ug/l	98
10) Methyl Iodide	2.49	142	116613	51.913	ug/l	99
11) Tert butyl alcohol	3.01	59	122488	266.828	ug/l	98
12) 1,1-Dichloroethene	2.36	96	118444	49.090	ug/l	99
13) Acrolein	2.27	56	72359	259.984	ug/l	99
14) Allyl chloride	2.71	41	156591	49.064	ug/l	99
15) Acrylonitrile	3.12	53	288529	274.277	ug/l	99
16) Acetone	2.42	43	231875	235.224	ug/l	98
17) Carbon Disulfide	2.55	76	290280	46.553	ug/l	100
18) Methyl Acetate	2.75	43	143216	57.134	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	368687	53.618	ug/l	98
20) Methylene Chloride	2.84	84	116938	49.467	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	112146	49.239	ug/l	99
22) Diisopropyl ether	3.82	45	322457	52.734	ug/l	98
23) Vinyl Acetate	3.79	43	1310678	259.940	ug/l	100
24) 1,1-Dichloroethane	3.67	63	192391	50.369	ug/l	99
25) 2-Butanone	4.64	43	384845	283.671	ug/l	100
26) 2,2-Dichloropropane	4.55	77	139281	38.921	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	126437	49.391	ug/l	99
28) Bromochloromethane	4.98	49	92964	58.641	ug/l	96
29) Tetrahydrofuran	5.09	42	280813	328.659	ug/l	98
30) Chloroform	5.17	83	233125	57.812	ug/l	100
31) Cyclohexane	5.54	56	178700	53.216	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	209211	54.816	ug/l	99
36) 1,1-Dichloropropene	5.77	75	154129	47.618	ug/l	99
37) Ethyl Acetate	4.79	43	157008	54.900	ug/l	99
38) Carbon Tetrachloride	5.76	117	174868	48.149	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061820\
 Data File : VX016869.D
 Acq On : 19 Jun 2020 03:41
 Operator : JC/SP
 Sample : L3020-22MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 MW-23MSD

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:52 PM

Quant Time: Jun 19 12:20:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 12:07:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	171341	45.526	ug/l	98
40) Benzene	6.12	78	461279	47.495	ug/l	98
41) Methacrylonitrile	5.01	41	94228	60.690	ug/l	99
42) 1,2-Dichloroethane	6.17	62	165975	48.024	ug/l	99
43) Isopropyl Acetate	6.42	43	247439	49.546	ug/l	99
44) Trichloroethene	7.19	130	138251	46.480	ug/l	98
45) 1,2-Dichloropropane	7.49	63	126143	51.665	ug/l	97
46) Dibromomethane	7.64	93	86180	52.049	ug/l	100
47) Bromodichloromethane	7.87	83	209027	59.358	ug/l	99
48) Methyl methacrylate	7.74	41	137297	58.382	ug/l	100
49) 1,4-Dioxane	7.71	88	60898	1156.807	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	807634	268.871	ug/l	100
52) Toluene	8.77	92	312195	48.455	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	212872	54.986	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	219882	53.091	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	134573	55.320	ug/l	98
56) Ethyl methacrylate	9.16	69	213035	60.494	ug/l	100
57) 1,3-Dichloropropane	9.35	76	216679	52.542	ug/l	100
59) 2-Hexanone	9.47	43	765434	351.882	ug/l	99
60) Dibromochloromethane	9.57	129	182361	62.490	ug/l	99
61) 1,2-Dibromoethane	9.65	107	162545	61.571	ug/l	99
64) Tetrachloroethene	9.32	164	148984	42.648	ug/l	98
65) Chlorobenzene	10.12	112	356641	46.686	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	134902	45.565	ug/l	99
67) Ethyl Benzene	10.24	91	594777	46.146	ug/l	100
68) m/p-Xylenes	10.34	106	464937	92.699	ug/l	100
69) o-Xylene	10.68	106	222585	47.995	ug/l	98
70) Styrene	10.70	104	390421	49.547	ug/l	100
71) Bromoform	10.84	173	121587	48.847	ug/l	98
73) Isopropylbenzene	11.00	105	587563	53.436	ug/l	99
74) N-amyl acetate	10.88	43	227210	59.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	170289	54.846	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	173003m	55.468	ug/l	
77) Bromobenzene	11.24	156	161265	53.777	ug/l	99
78) n-propylbenzene	11.34	91	663788	54.092	ug/l	99
79) 2-Chlorotoluene	11.40	91	403672	53.765	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	510854	53.847	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	66835	52.475	ug/l	99
82) 4-Chlorotoluene	11.49	91	479947	53.283	ug/l	99
83) tert-Butylbenzene	11.76	119	460674	49.077	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	498938	51.054	ug/l	98
85) sec-Butylbenzene	11.93	105	534952	49.071	ug/l	100
86) p-Isopropyltoluene	12.05	119	512418	51.301	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	268356	48.982	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	270467	48.814	ug/l	100
89) n-Butylbenzene	12.37	91	414804	48.428	ug/l	100
90) Hexachloroethane	12.58	117	92581	51.455	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	258212	48.821	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	41295	56.093	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	193529	54.491	ug/l	100

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\
Data File : VX016869.D
Acq On : 19 Jun 2020 03:41
Operator : JC/SP
Sample : L3020-22MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM

Quant Time: Jun 19 12:20:41 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	78813	49.177	ug/l	98
95) Naphthalene	13.82	128	627513	60.182	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	199512	56.330	ug/l	99

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

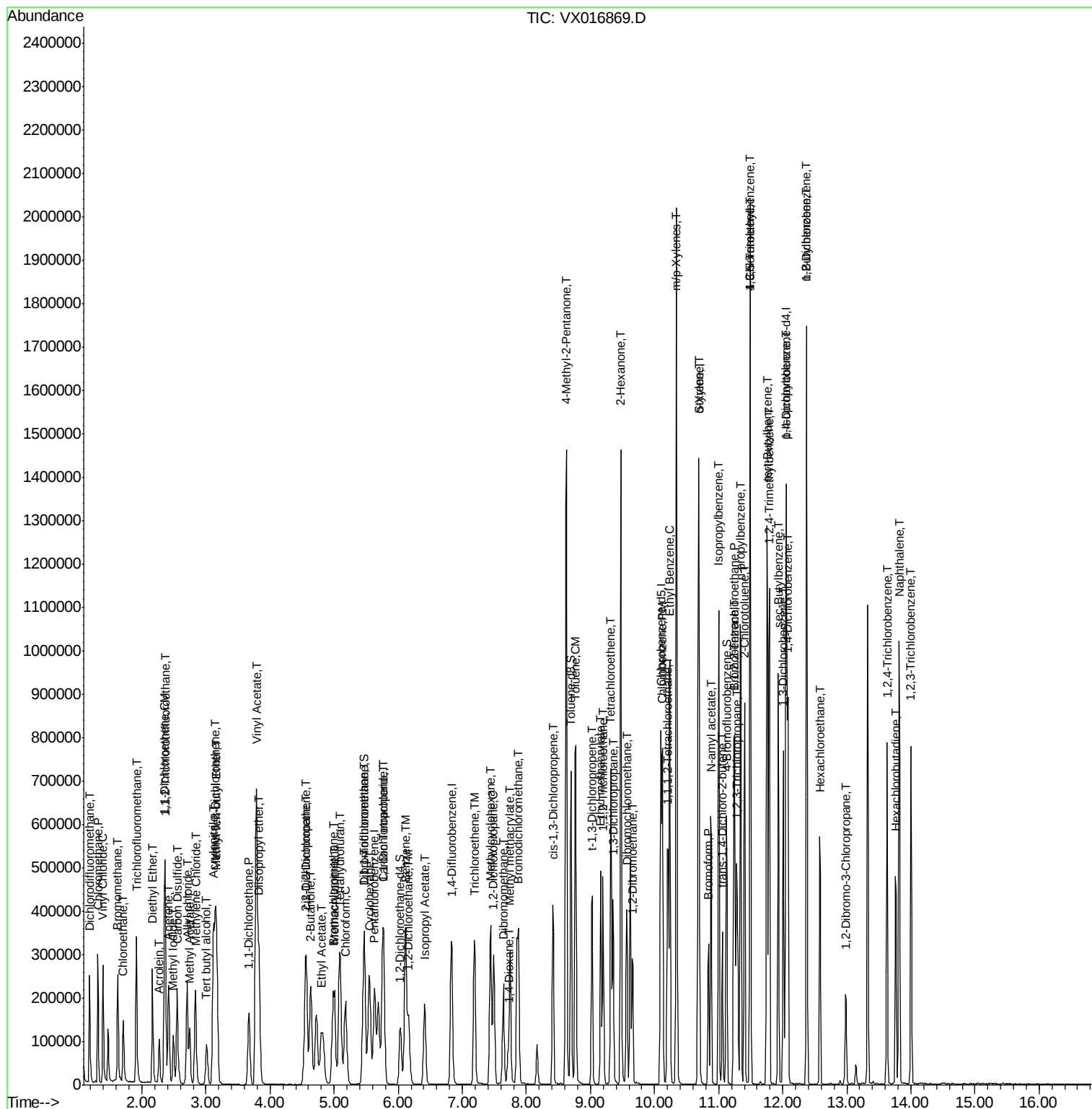
```
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061820\  
Data File : VX016869.D  
Acq On    : 19 Jun 2020   03:41  
Operator  : JC/SP  
Sample    : L3020-22MSD  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 38      Sample Multiplier: 1
```

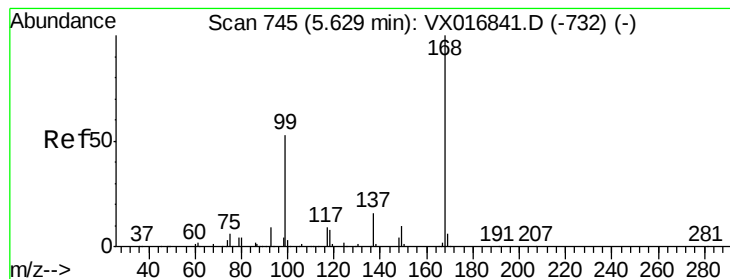
Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Manual Integrations APPROVED

MMDadoda
6/19/2020 12:50:52 PM

Quant Time: Jun 19 12:20:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 19 12:07:48 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion:168 Resp: 225785

Ion Ratio Lower Upper

168 100

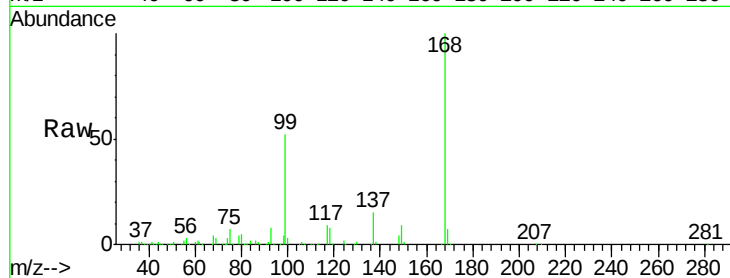
99 52.1 42.2 63.2

Manual Integrations

APPROVED

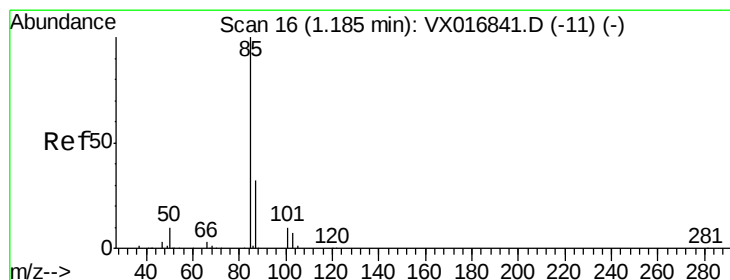
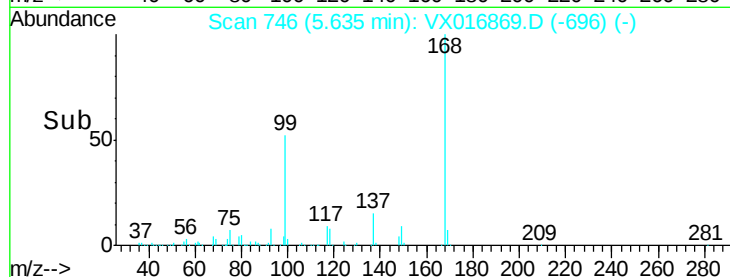
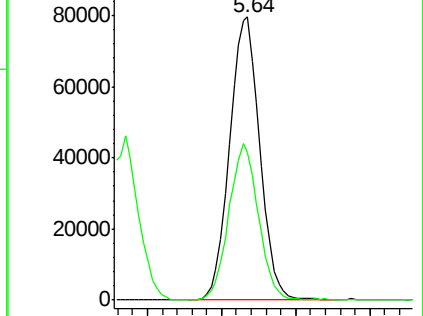
MMDadoda

6/19/2020 12:50:52 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.336 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016869.D

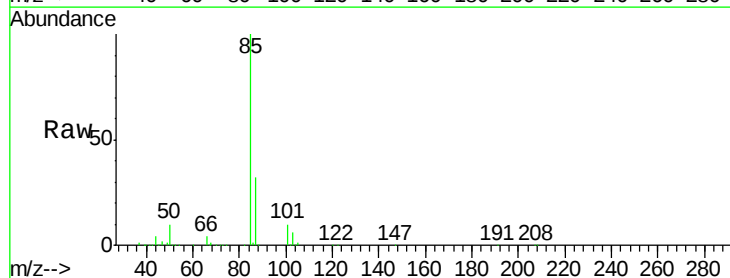
Acq: 19 Jun 2020 03:41

Tgt Ion: 85 Resp: 147787

Ion Ratio Lower Upper

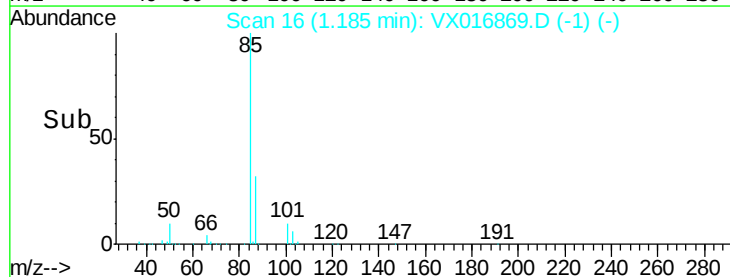
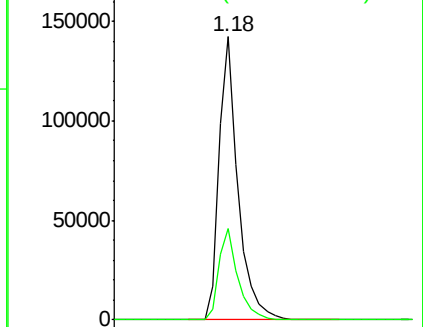
85 100

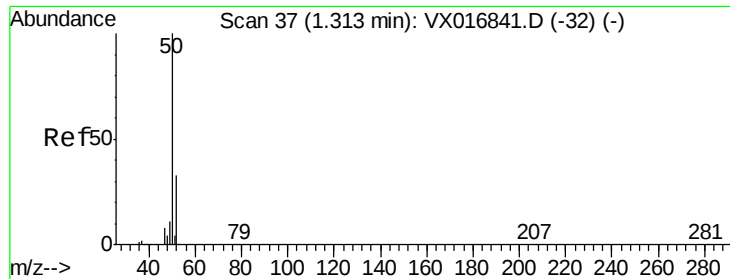
87 32.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 61.936 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 50 Resp: 174017

Ion Ratio Lower Upper

50 100

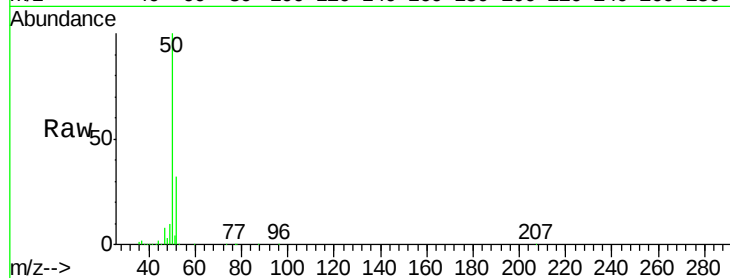
52 32.4 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

6/19/2020 12:50:52 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

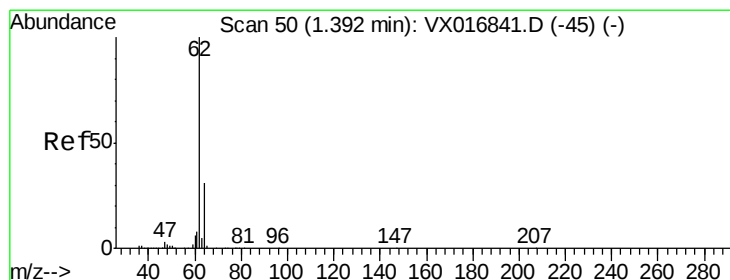
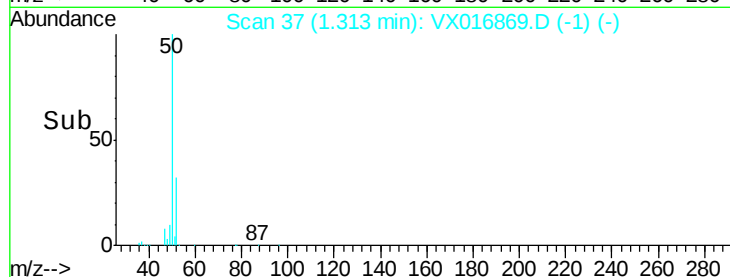
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 53.667 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016869.D

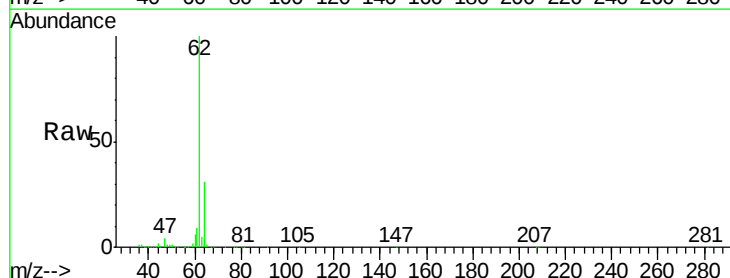
Acq: 19 Jun 2020 03:41

Tgt Ion: 62 Resp: 169940

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

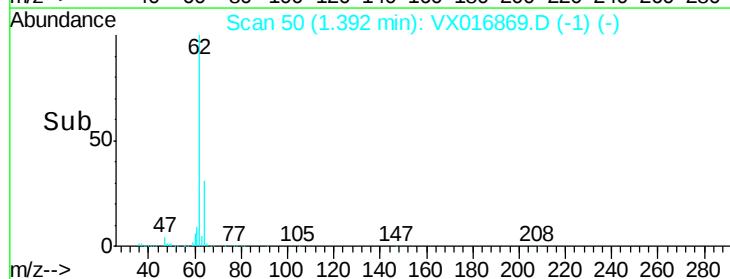
150000

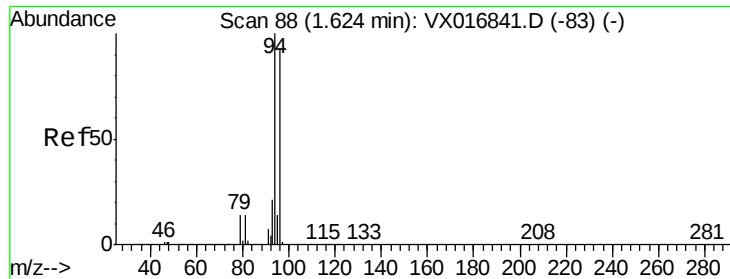
100000

50000

0

Time-->





#5

Bromomethane

Concen: 55.883 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 94 Resp: 106550

Ion Ratio Lower Upper

94 100

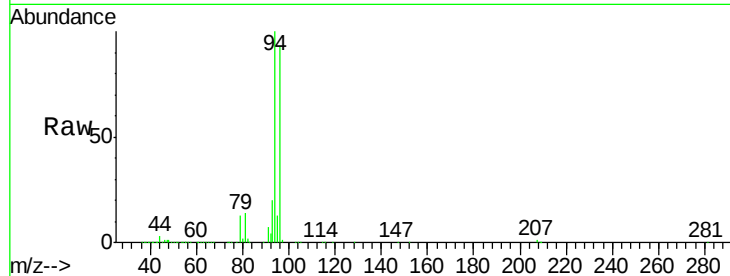
96 92.6 74.4 111.6

Manual Integrations

APPROVED

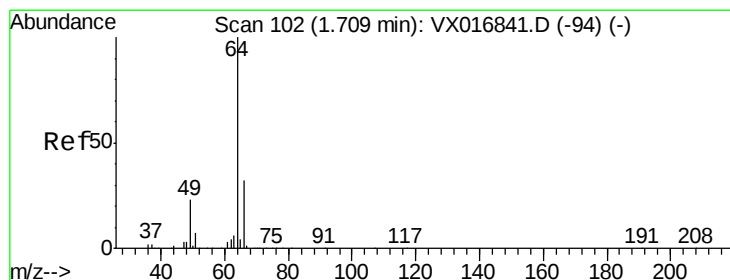
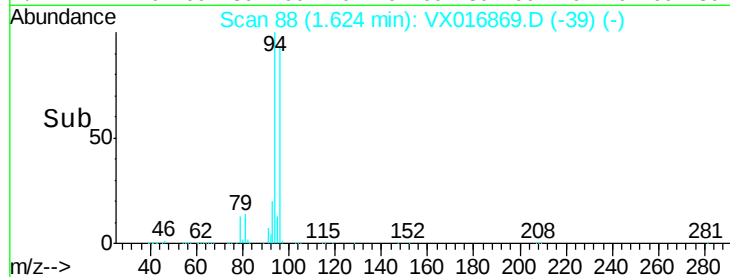
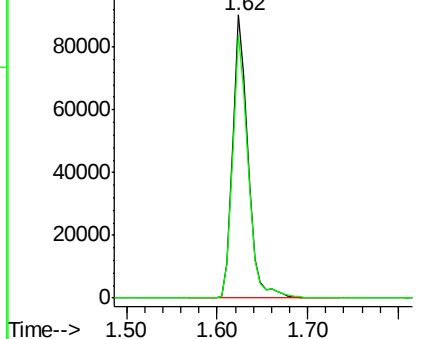
MMDadoda

6/19/2020 12:50:52 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.062 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016869.D

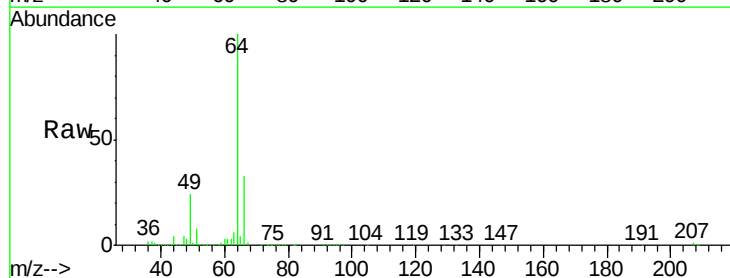
Acq: 19 Jun 2020 03:41

Tgt Ion: 64 Resp: 99585

Ion Ratio Lower Upper

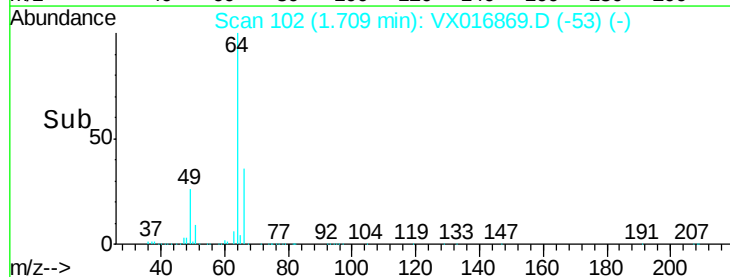
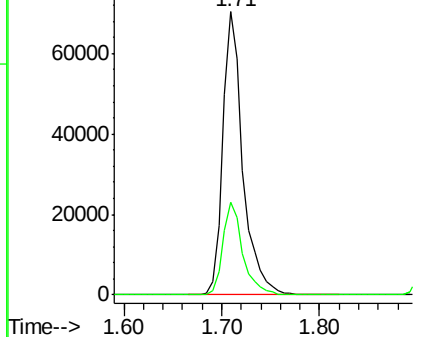
64 100

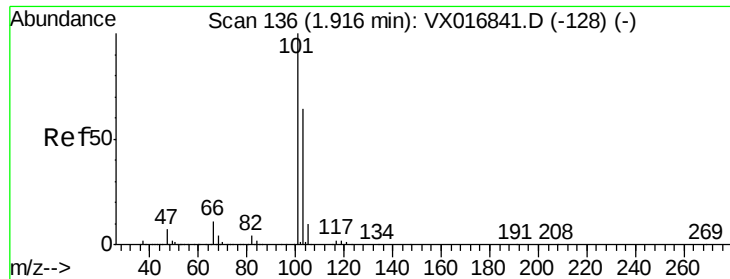
66 32.9 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

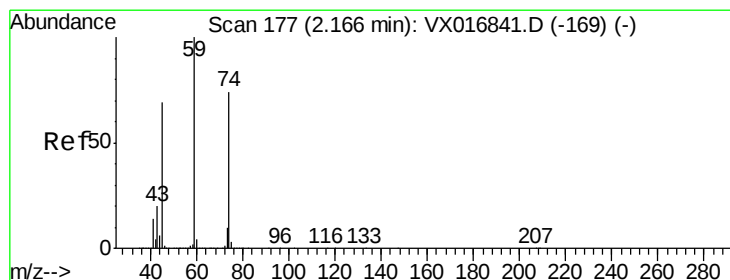
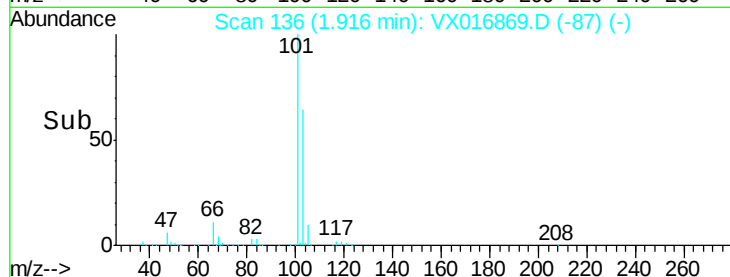
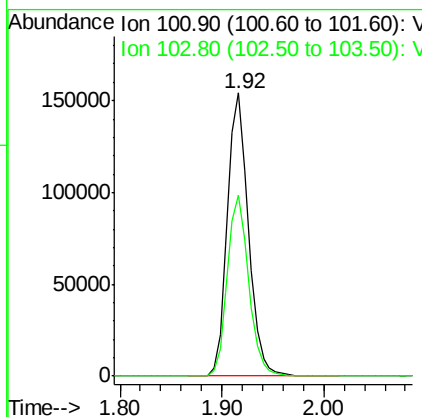
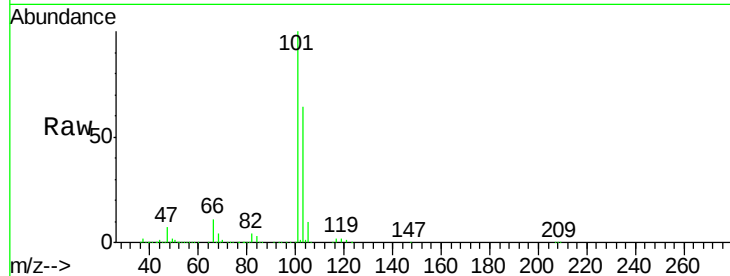
Trichlorofluoromethane
Concen: 49.493 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		219248		
103	64.1	51.2	76.8		

Manual Integrations
APPROVED

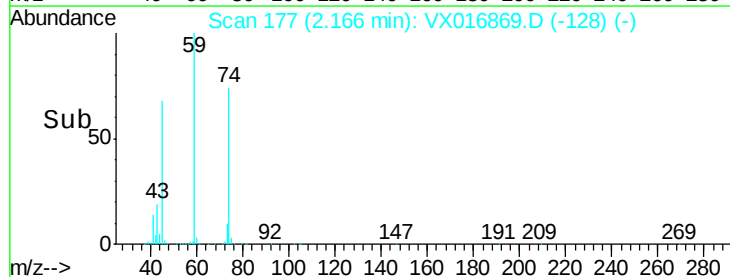
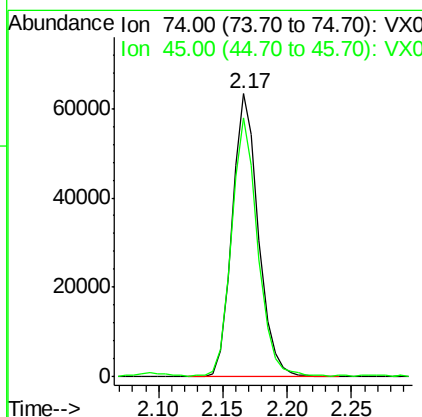
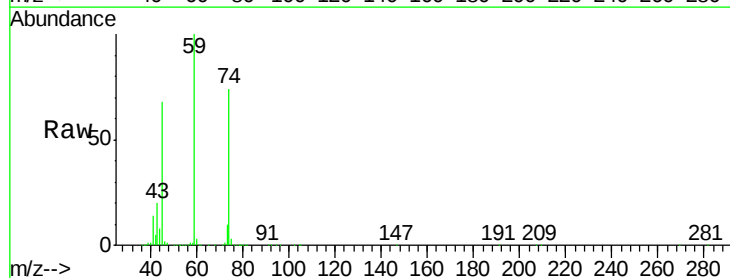
MMDadoda
6/19/2020 12:50:52 PM

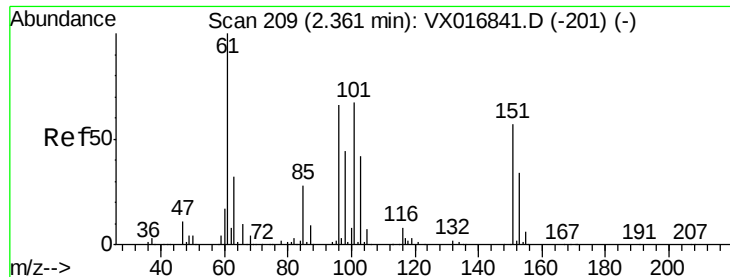


#8

Diethyl Ether
Concen: 52.259 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		90008		
45	90.6	45.3	135.8		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 42.290 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

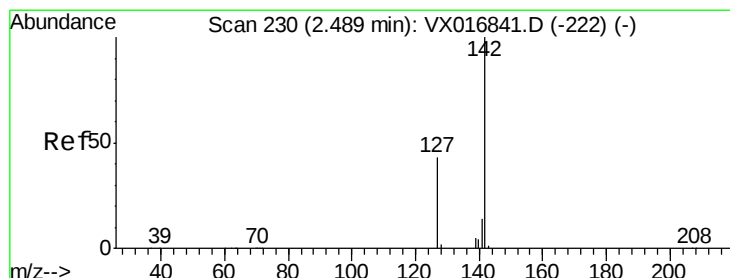
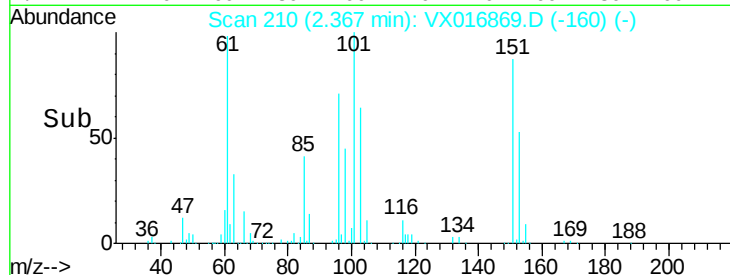
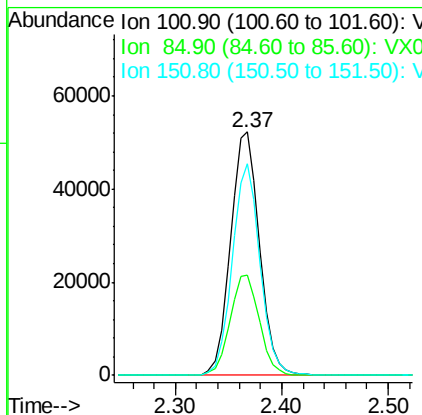
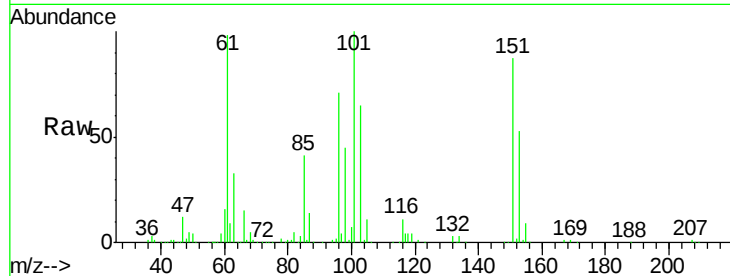
ClientSampleId :

MW-23MSD

Tot Ion:	101	Resp:	99788
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.3	51.5
151	83.2	67.6	101.4

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#10

Methyl Iodide

Concen: 51.913 ug/l

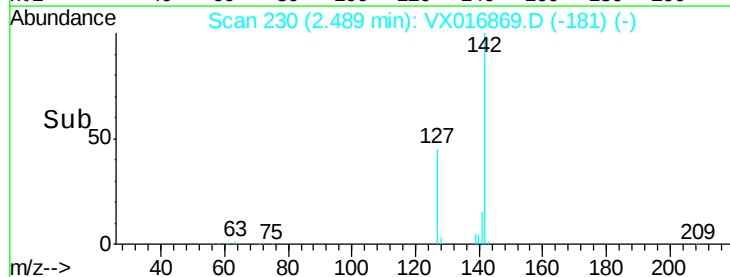
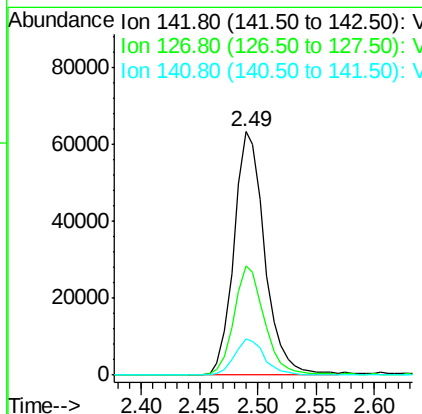
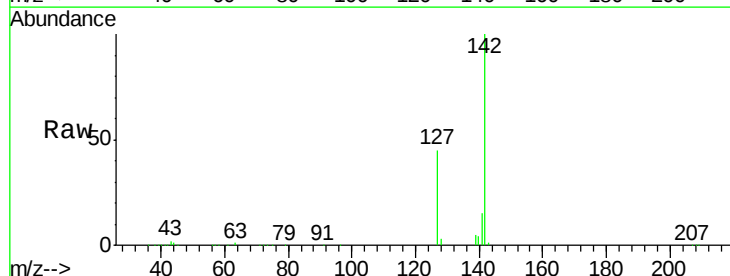
RT: 2.49 min Scan# 230

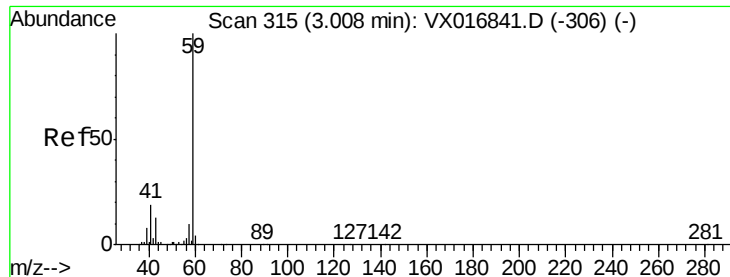
Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion:	142	Resp:	116613
Ion Ratio	Lower	Upper	
142	100		
127	44.5	35.1	52.7
141	14.8	11.6	17.4





#11

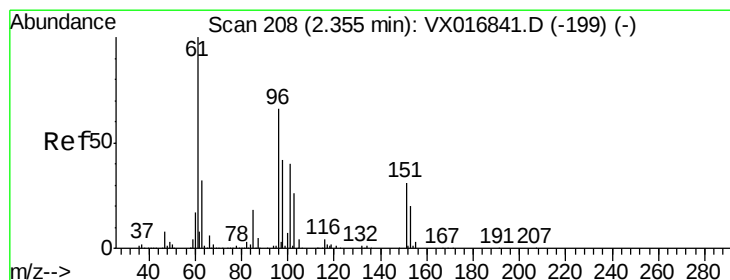
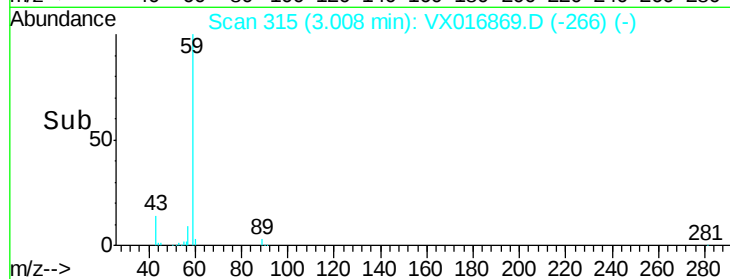
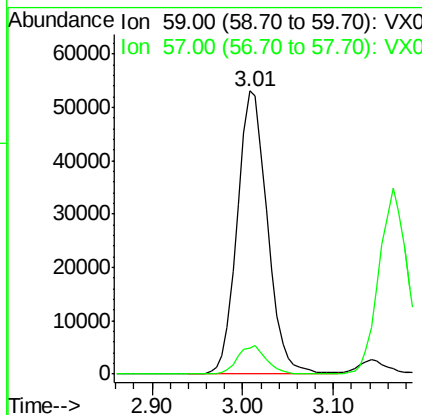
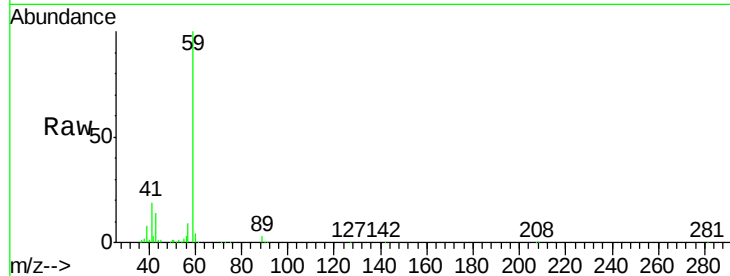
Tert butyl alcohol
Concen: 266.828 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Resp	Lower	Upper
59	100	122488		
57	9.9		8.4	12.6

Manual Integrations
APPROVED

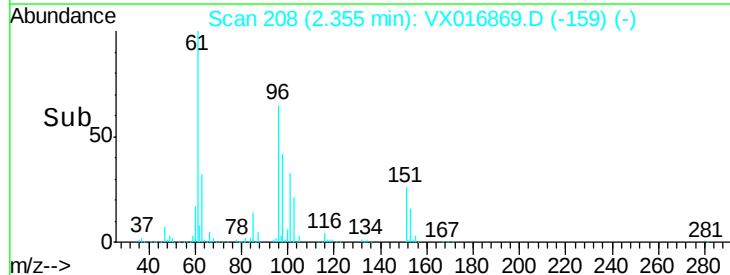
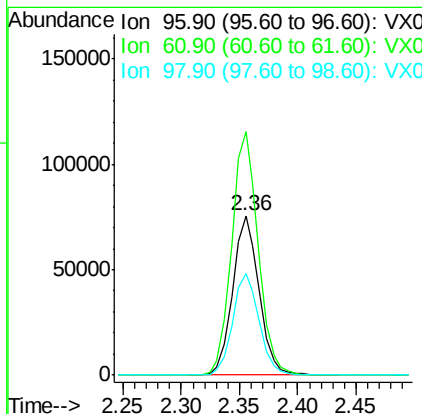
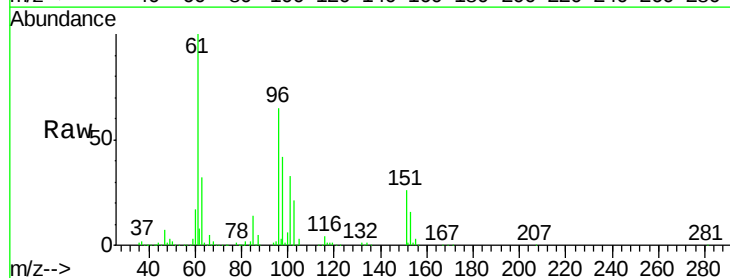
MMDadoda
6/19/2020 12:50:52 PM

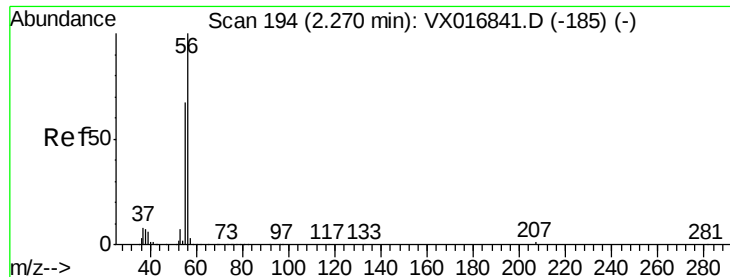


#12

1,1-Dichloroethene
Concen: 49.090 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	118444		
61	153.0		121.7	182.5
98	64.0		51.1	76.7





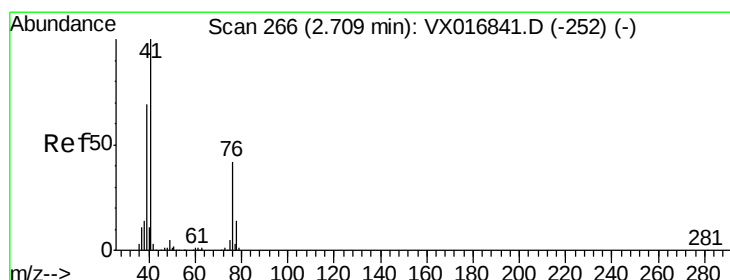
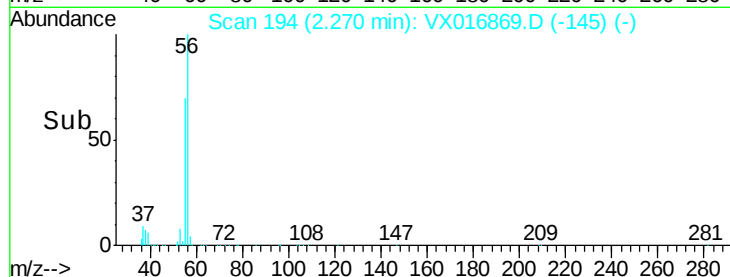
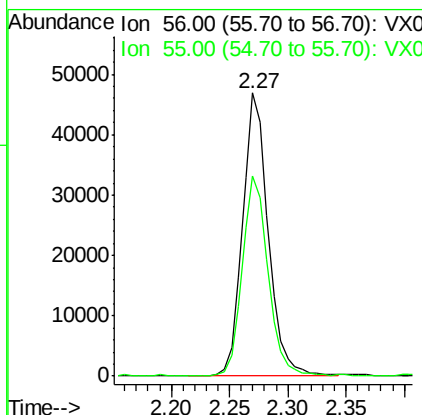
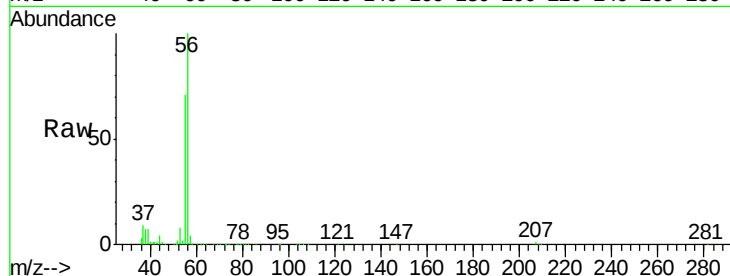
#13
Acrolein
Concen: 259.984 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	56	Resp	72359
Ion Ratio	100	Lower	Upper
55	70.6	55.7	83.5

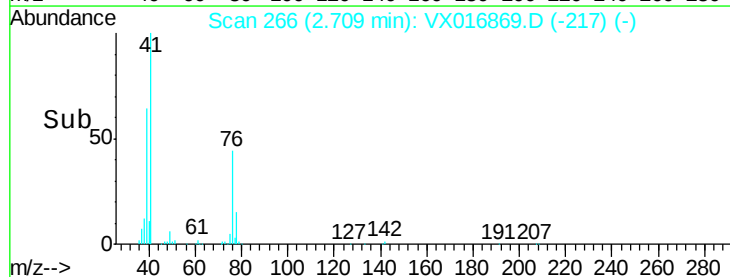
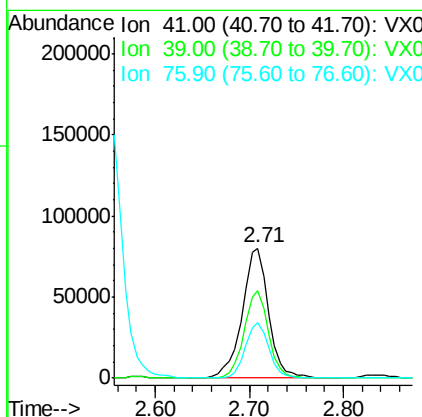
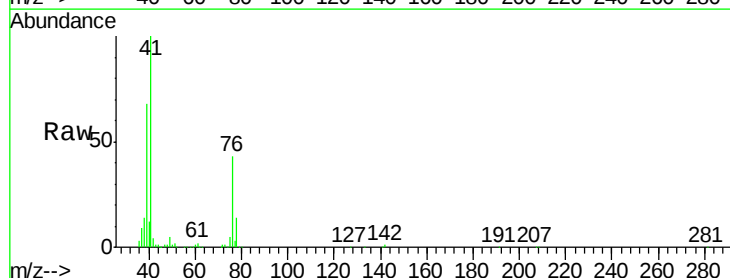
Manual Integrations
APPROVED

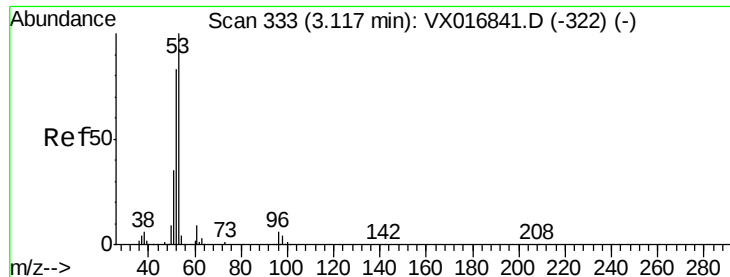
MMDadoda
6/19/2020 12:50:52 PM



#14
Allyl chloride
Concen: 49.064 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	41	Resp	156591
Ion Ratio	100	Lower	Upper
39	62.6	50.7	76.1
76	38.4	30.9	46.3





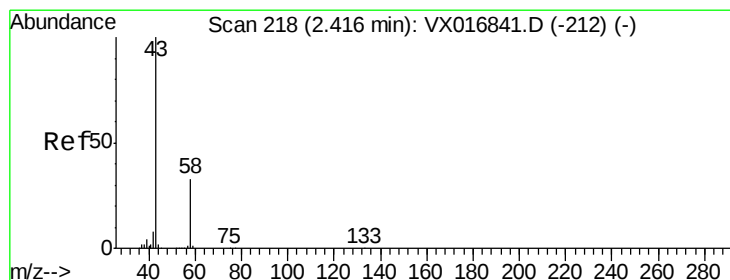
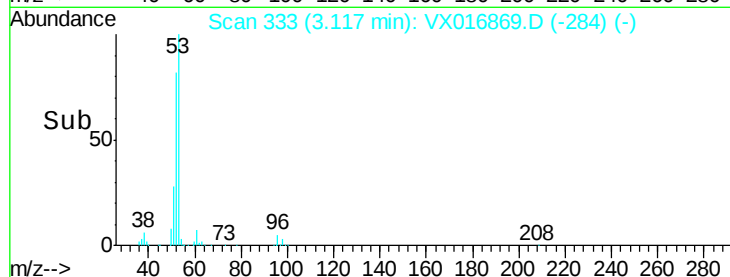
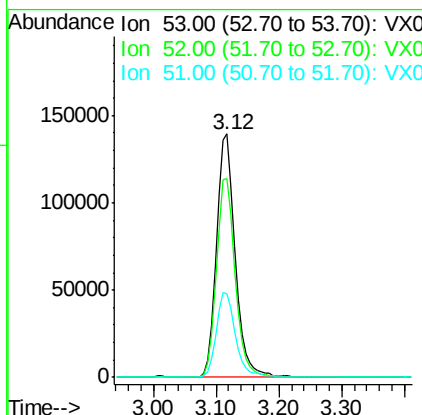
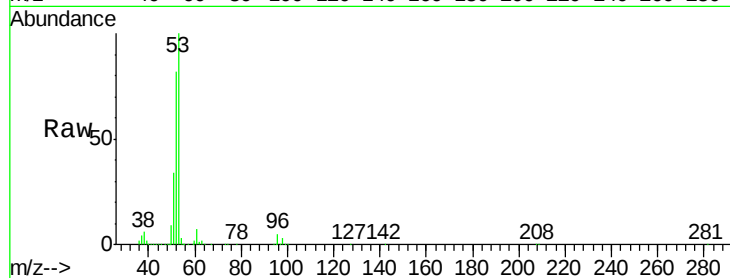
#15
Acrylonitrile
Concen: 274.277 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.2
51	36.1	28.7	43.1

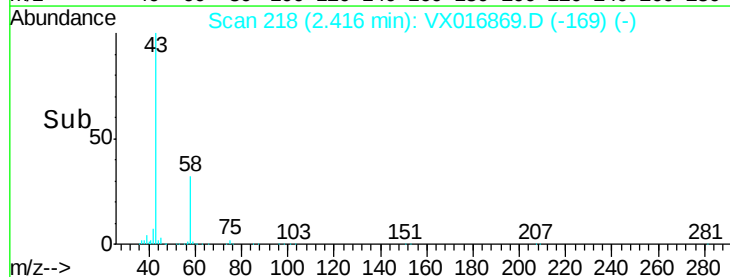
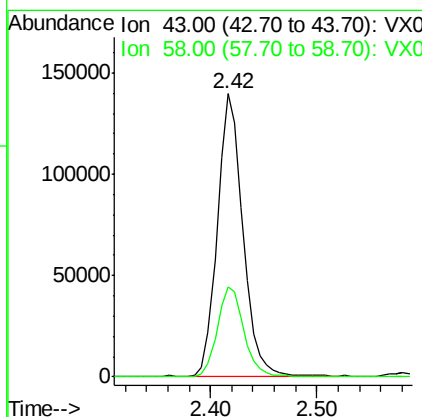
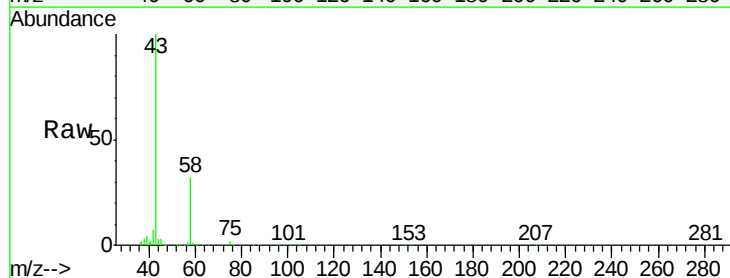
Manual Integrations
APPROVED

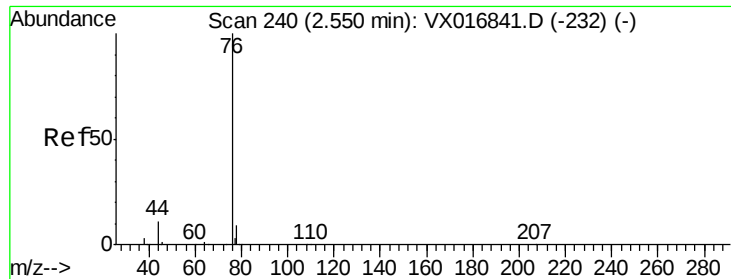
MMDadoda
6/19/2020 12:50:52 PM



#16
Acetone
Concen: 235.224 ug/l
RT: 2.42 min Scan# 218
Delta R.T. 0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.1	26.6	39.8





#17

Carbon Disulfide

Concen: 46.553 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 76 Resp: 290280

Ion Ratio Lower Upper

76 100

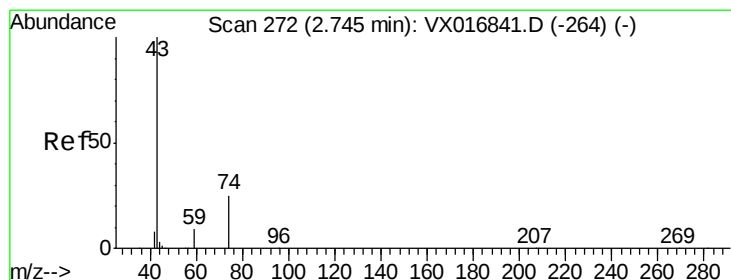
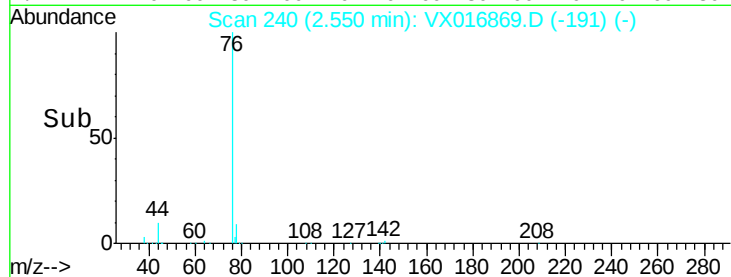
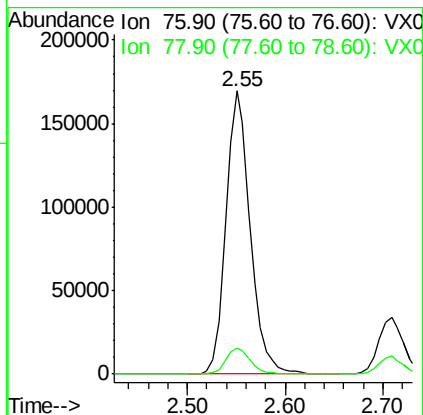
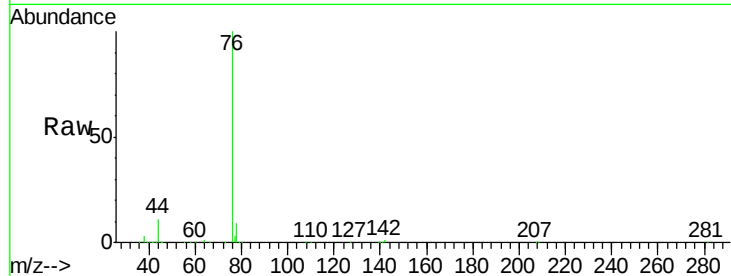
78 9.3 7.5 11.3

Manual Integrations

APPROVED

MMDadoda

6/19/2020 12:50:52 PM



#18

Methyl Acetate

Concen: 57.134 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016869.D

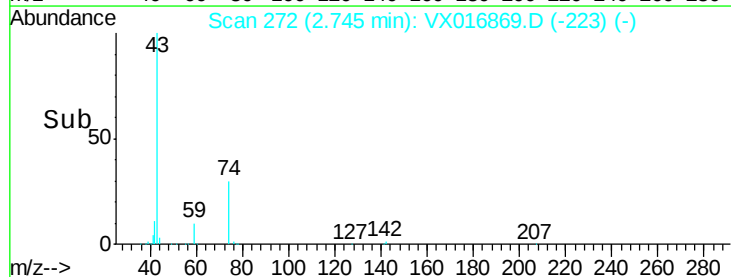
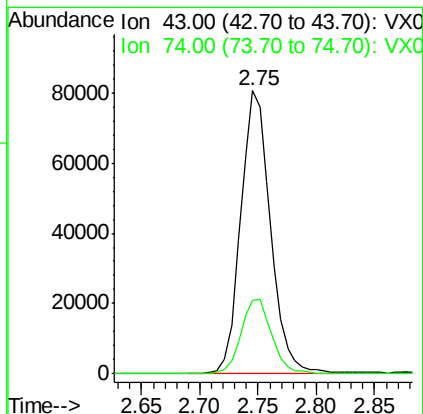
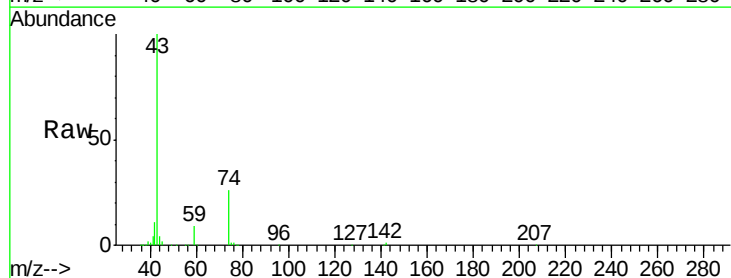
Acq: 19 Jun 2020 03:41

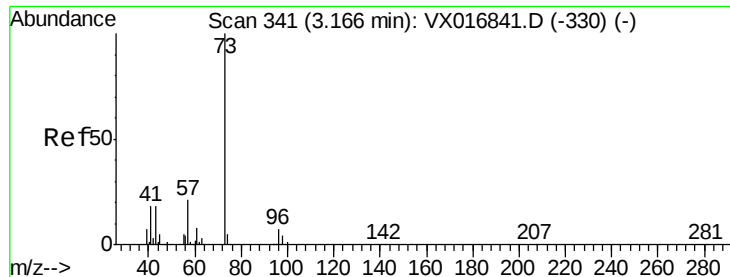
Tgt Ion: 43 Resp: 143216

Ion Ratio Lower Upper

43 100

74 27.7 21.8 32.8





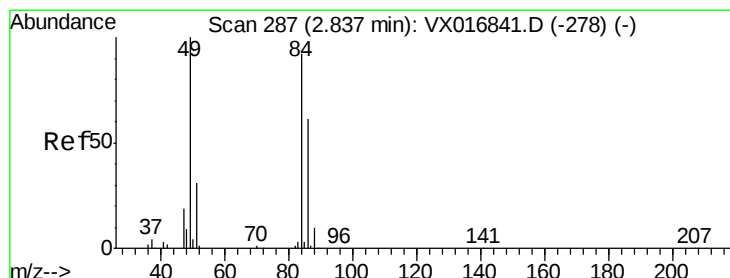
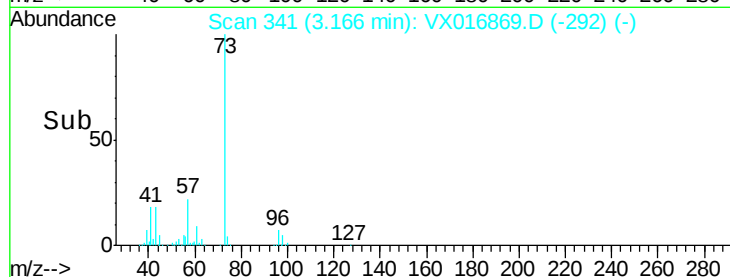
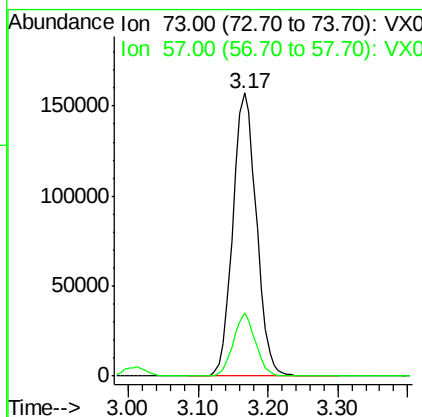
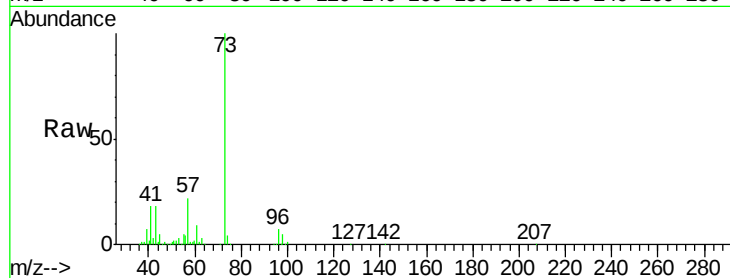
#19
Methvl tert-butvl Ether
Concen: 53.618 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	16.9	25.3

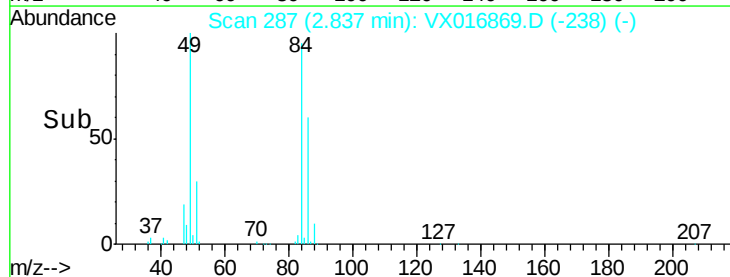
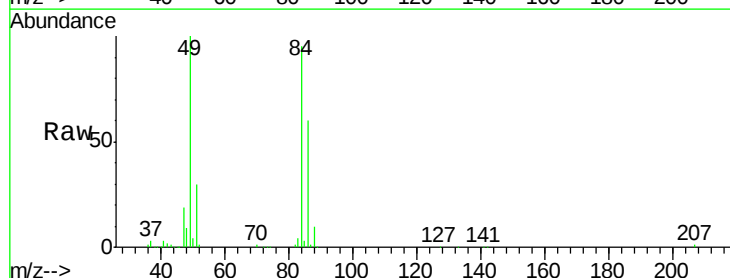
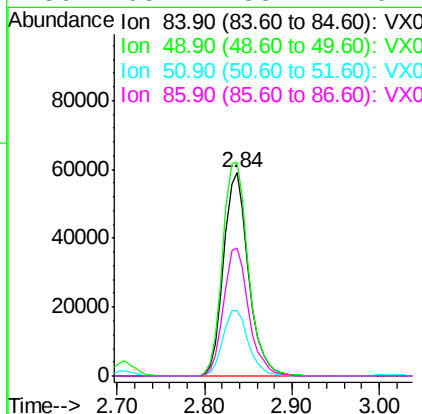
Manual Integrations
APPROVED

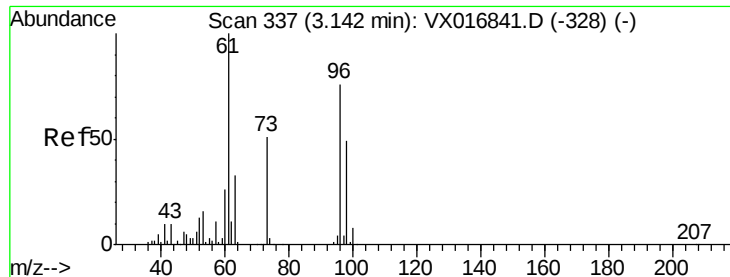
MMDadoda
6/19/2020 12:50:52 PM



#20
Methylene Chloride
Concen: 49.467 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.2	86.6	129.8
51	32.0	27.1	40.7
86	63.1	53.1	79.7





#21

trans-1,2-Dichloroethene

Concen: 49.239 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

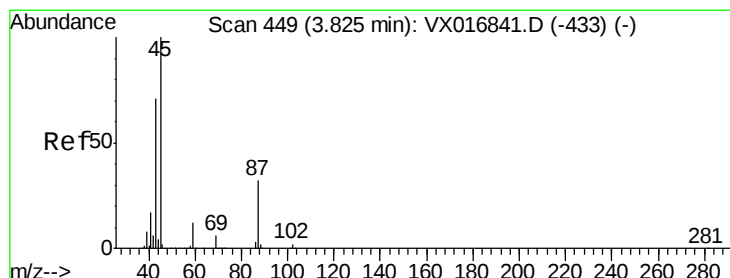
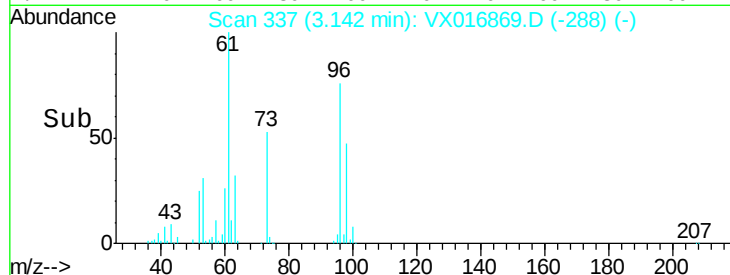
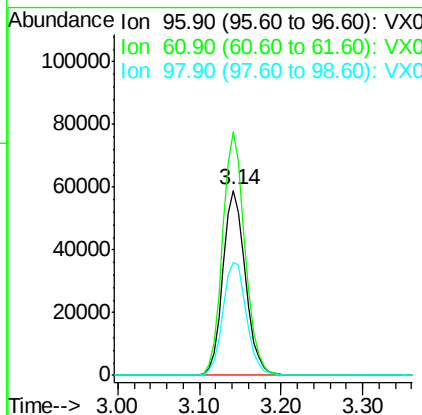
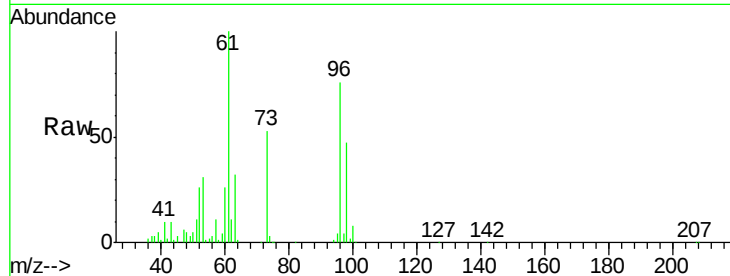
ClientSampleId :

MW-23MSD

Tot Ion:	96	Resp:	112146
Ion	Ratio	Lower	Upper
96	100		
61	131.5	105.4	158.0
98	61.2	51.3	76.9

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#22

Diisopropyl ether

Concen: 52.734 ug/l

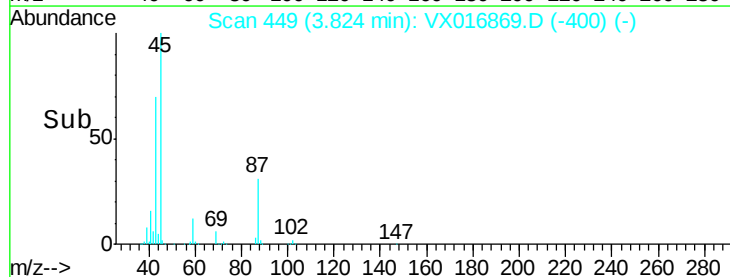
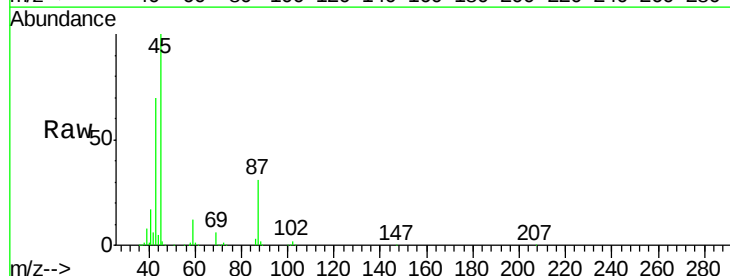
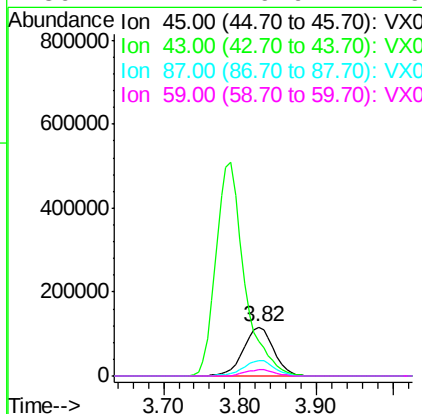
RT: 3.82 min Scan# 449

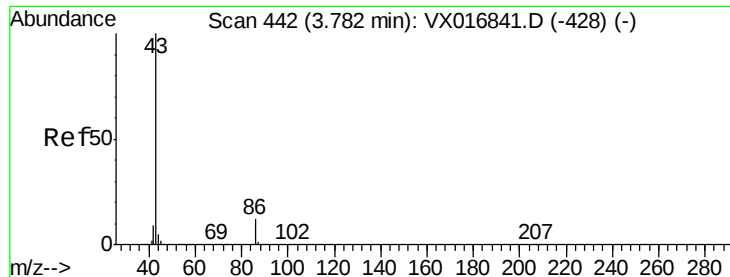
Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion:	45	Resp:	322457
Ion	Ratio	Lower	Upper
45	100		
43	69.0	57.0	85.4
87	31.2	25.2	37.8
59	12.1	9.9	14.9





#23

Vinyl Acetate

Concen: 259.940 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 43 Resp: 1310678

Ion Ratio Lower Upper

43 100

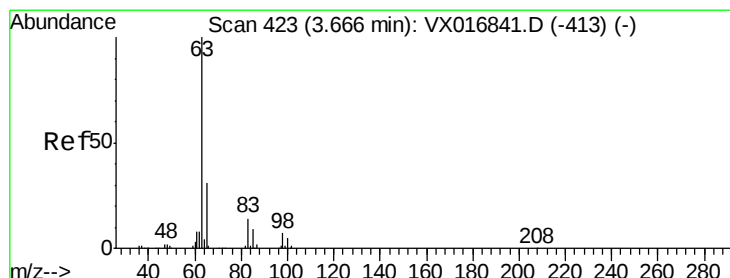
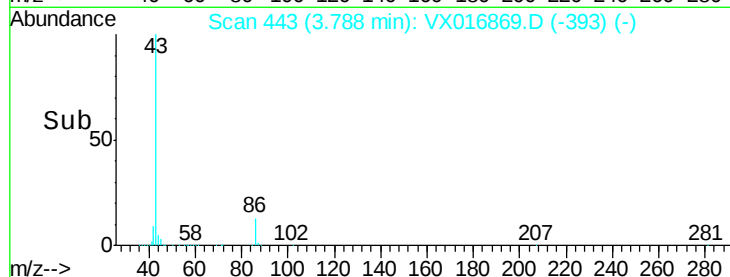
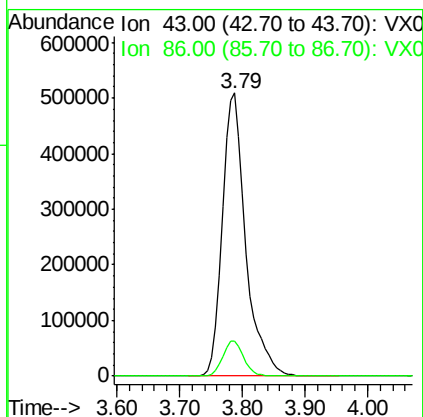
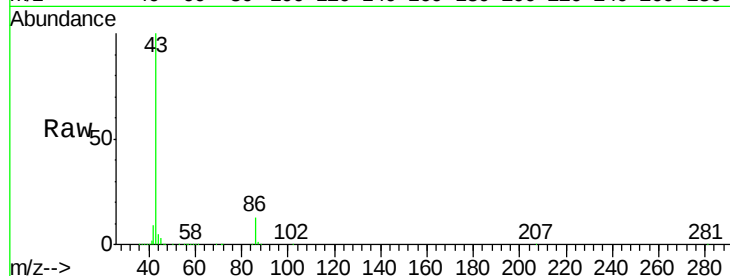
86 12.5 9.9 14.9

Manual Integrations

APPROVED

MMDadoda

6/19/2020 12:50:52 PM



#24

1,1-Dichloroethane

Concen: 50.369 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

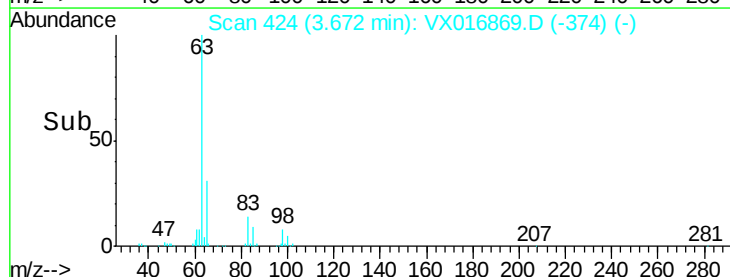
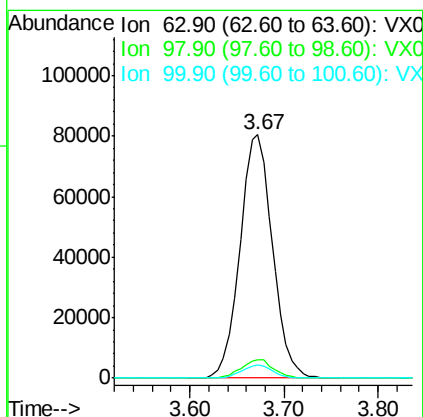
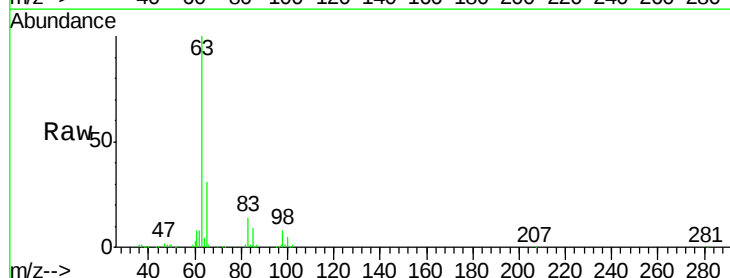
Tgt Ion: 63 Resp: 192391

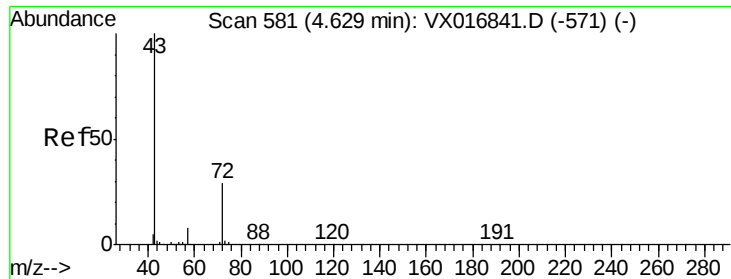
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.9

100 5.2 2.4 7.1





#25

2-Butanone

Concen: 283.671 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 43 Resp: 384845

Ion Ratio Lower Upper

43 100

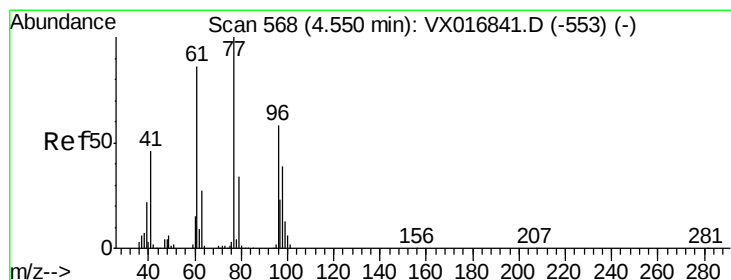
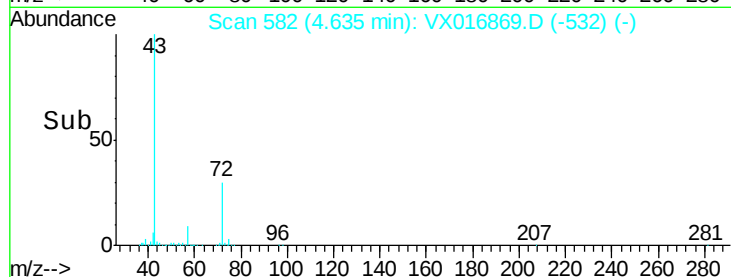
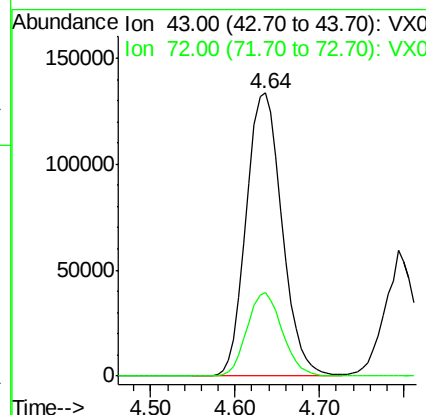
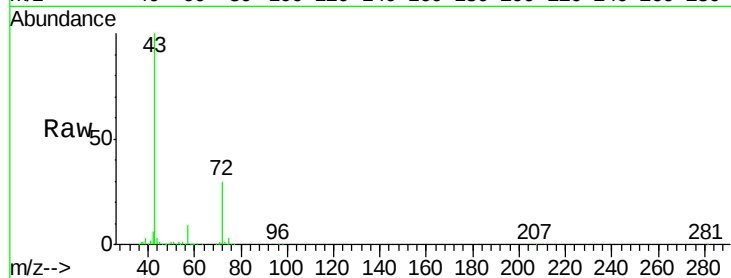
72 29.4 23.5 35.3

Manual Integrations

APPROVED

MMDadoda

6/19/2020 12:50:52 PM



#26

2,2-Dichloropropane

Concen: 38.921 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016869.D

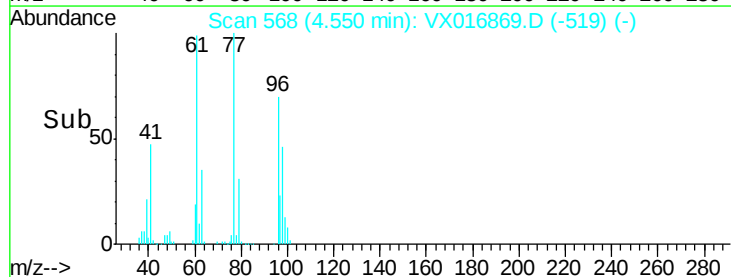
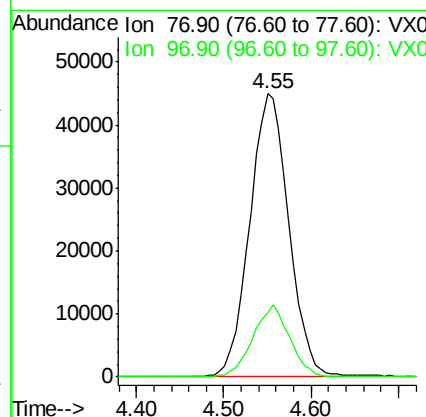
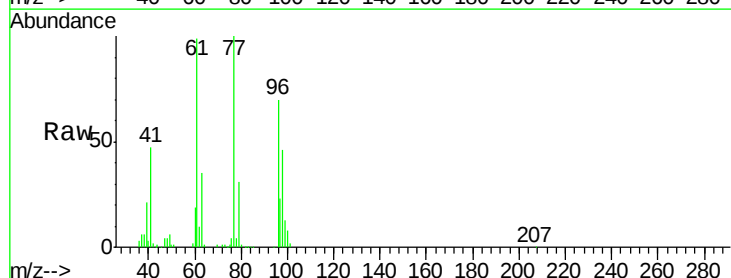
Acq: 19 Jun 2020 03:41

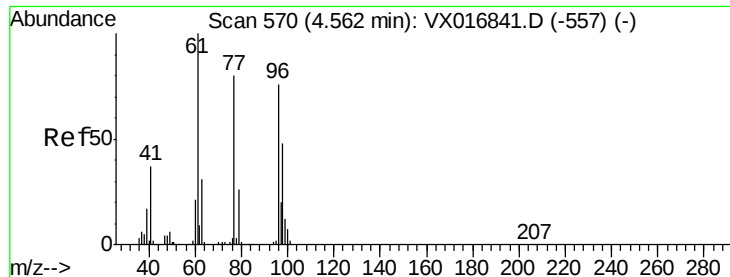
Tgt Ion: 77 Resp: 139281

Ion Ratio Lower Upper

77 100

97 24.0 11.6 34.7





#27

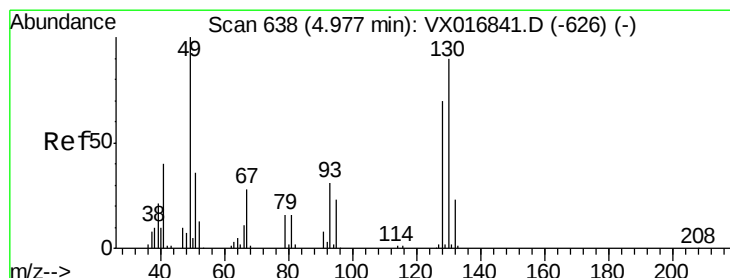
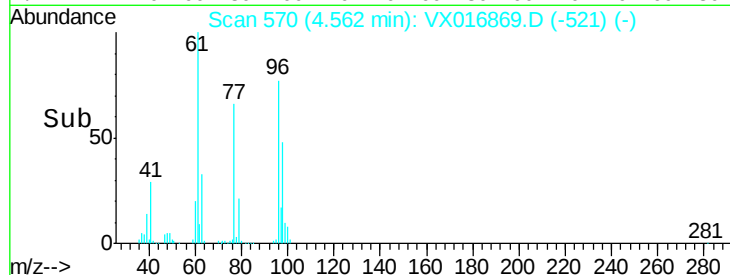
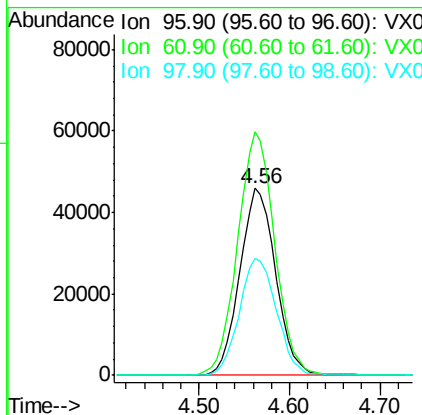
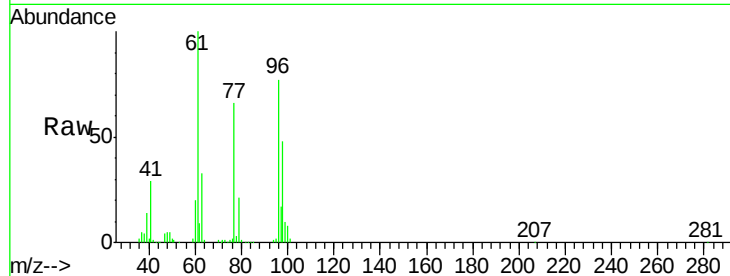
cis-1,2-Dichloroethene
Concen: 49.391 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	273.8
98	64.8	0.0	129.0

Manual Integrations
APPROVED

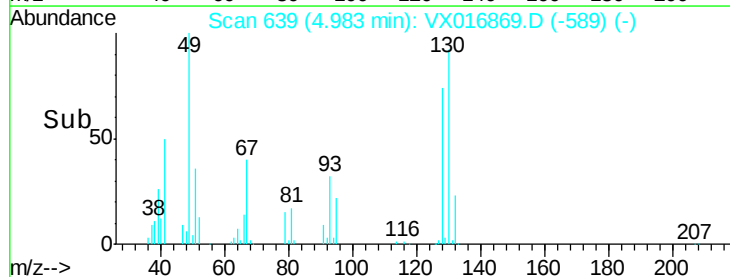
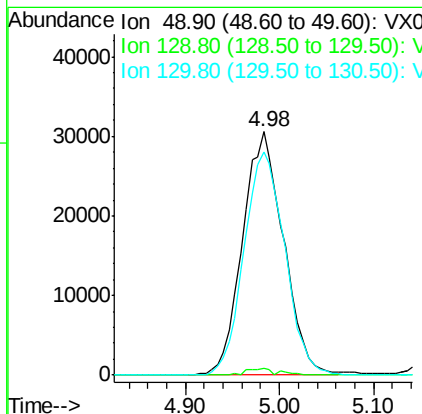
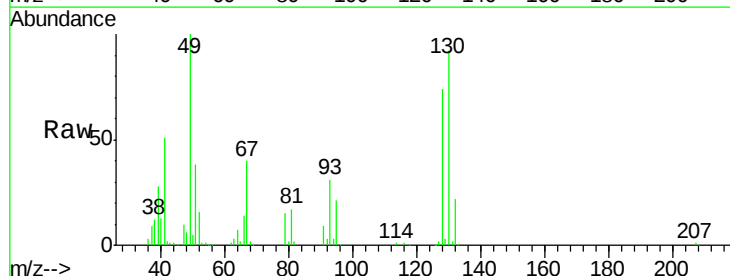
MMDadoda
6/19/2020 12:50:52 PM

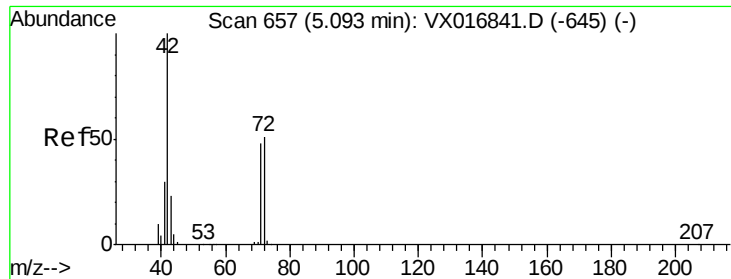


#28

Bromochloromethane
Concen: 58.641 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	91.8	76.8	115.2





#29

Tetrahydrofuran

Concen: 328.659 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

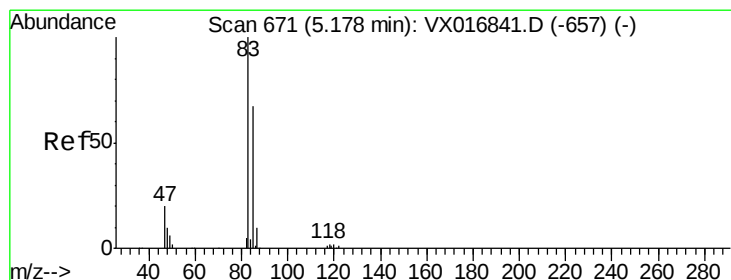
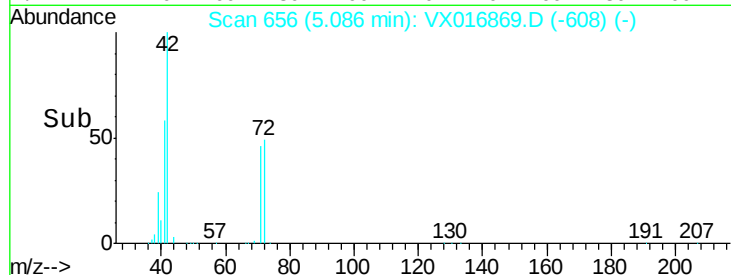
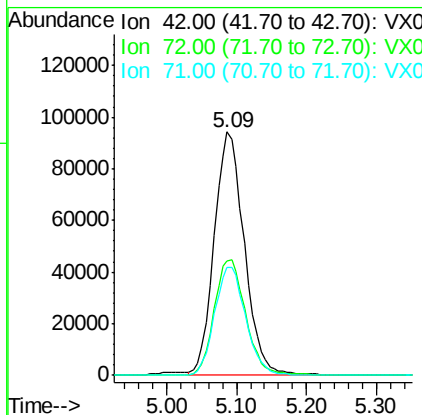
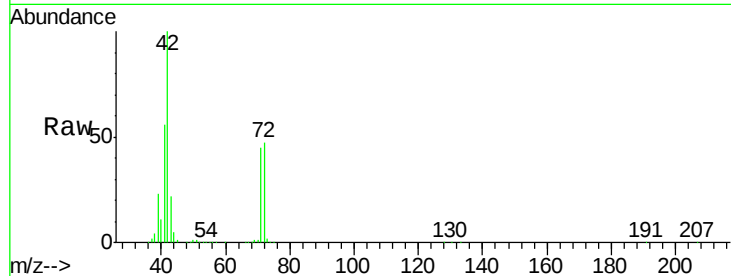
ClientSampleId :

MW-23MSD

Tot Ion:	42	Resp:	280813
Ion	Ratio	Lower	Upper
42	100		
72	50.0	41.1	61.7
71	46.1	38.4	57.6

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#30

Chloroform

Concen: 57.812 ug/l

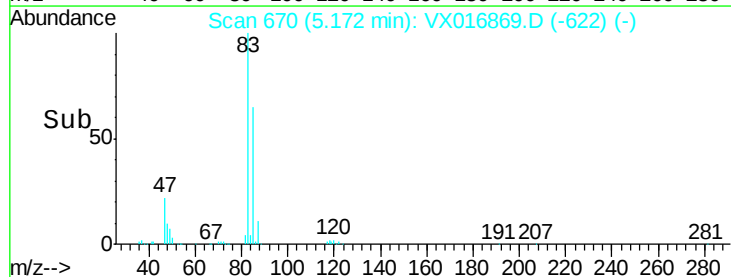
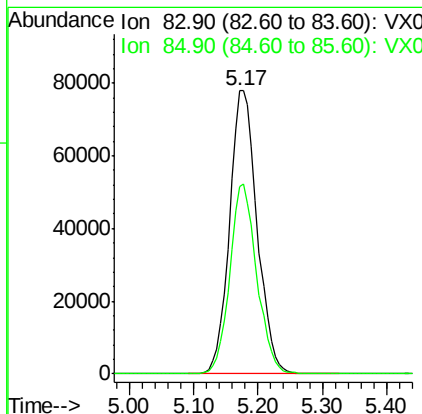
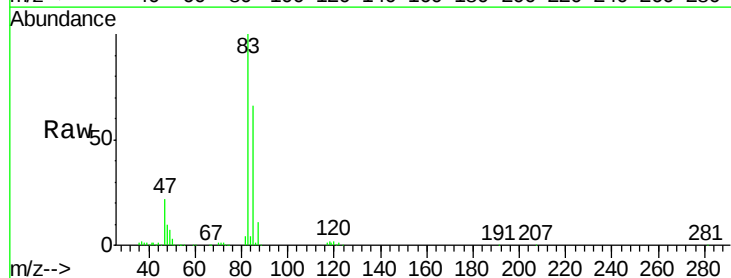
RT: 5.17 min Scan# 670

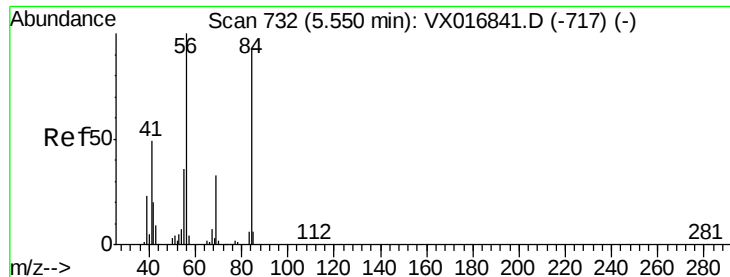
Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion:	83	Resp:	233125
Ion	Ratio	Lower	Upper
83	100		
85	66.3	53.4	80.0





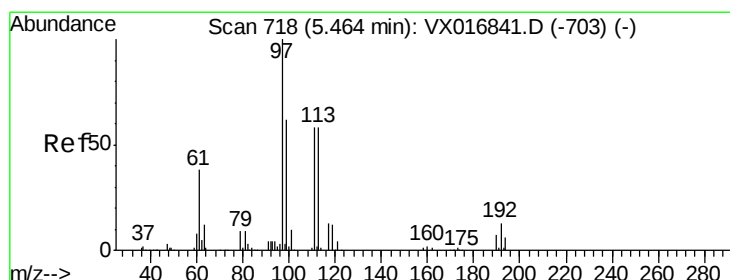
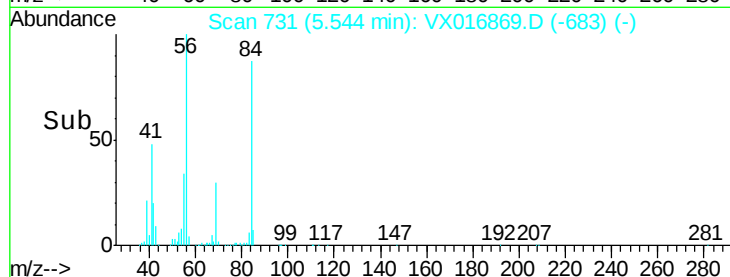
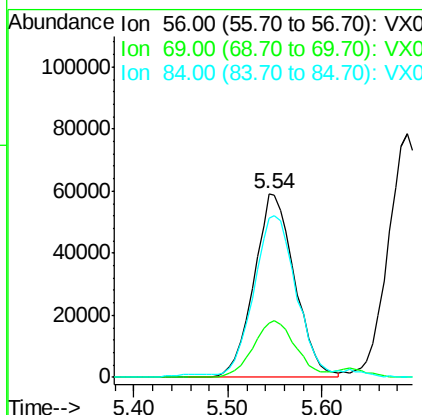
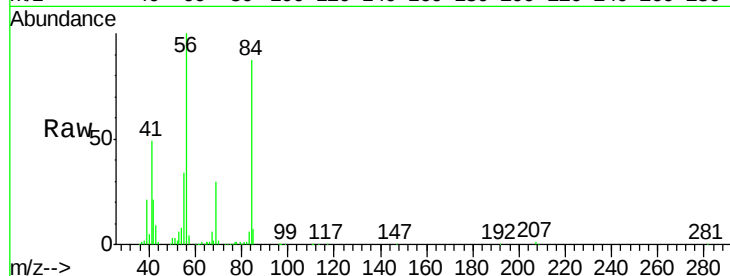
#31
Cyclohexane
Concen: 53.216 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	26.1	39.1
84	84.8	73.0	109.6

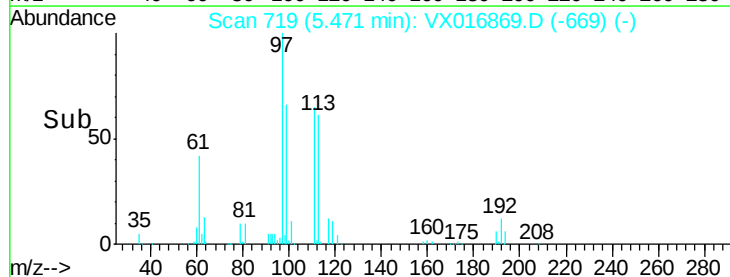
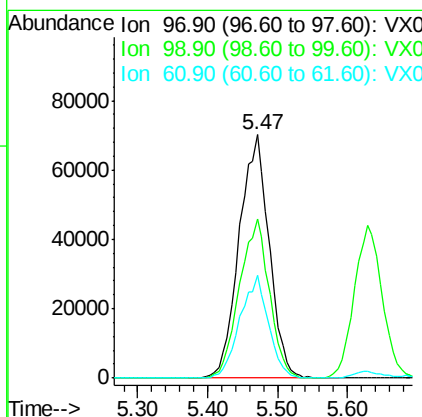
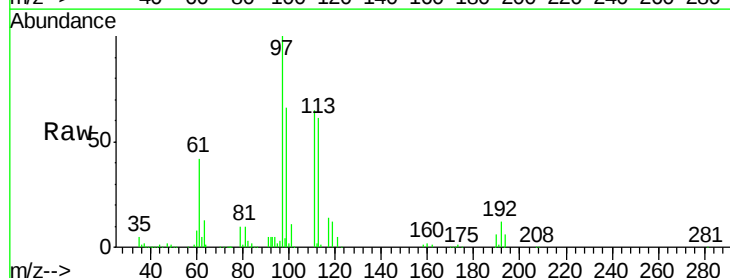
Manual Integrations
APPROVED

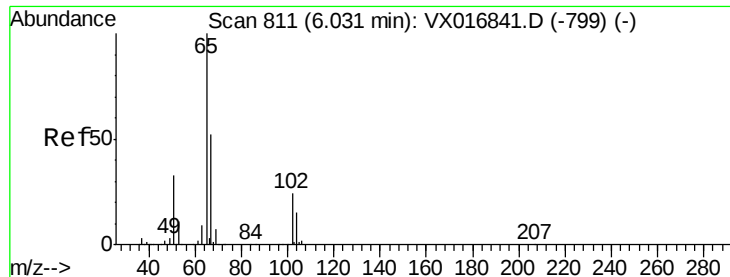
MMDadoda
6/19/2020 12:50:52 PM



#32
1,1,1-Trichloroethane
Concen: 54.816 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.3	76.9
61	40.0	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 47.052 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampled :

MW-23MSD

Tot Ion: 65 Resp: 127767

Ion Ratio Lower Upper

65 100

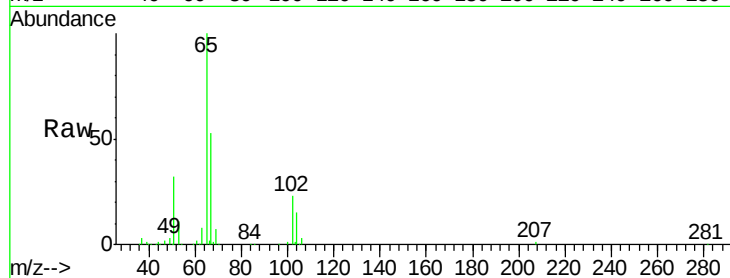
67 52.5 0.0 102.6

Manual Integrations

APPROVED

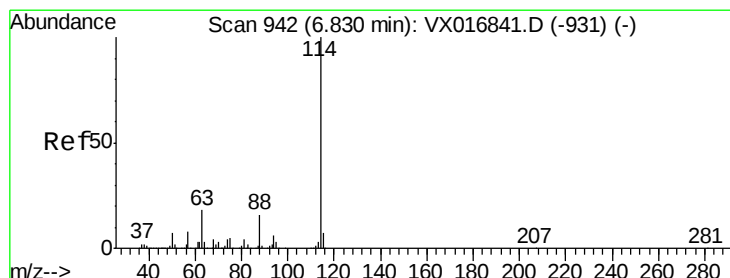
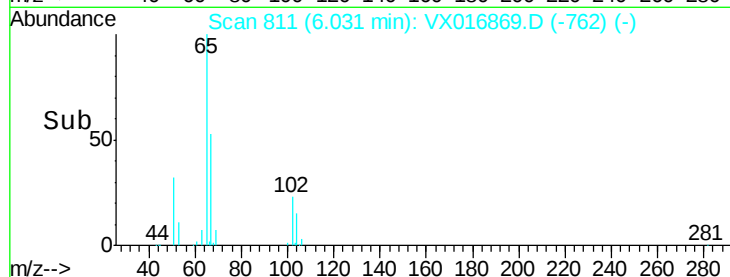
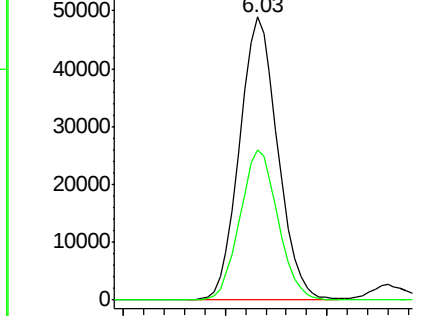
MMDadoda

6/19/2020 12:50:52 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: VX016869.D

Acq: 19 Jun 2020 03:41

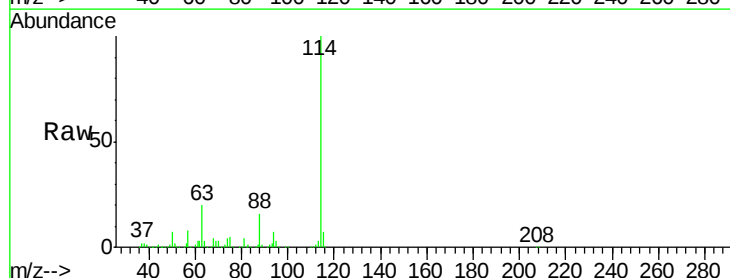
Tgt Ion: 114 Resp: 350556

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.0

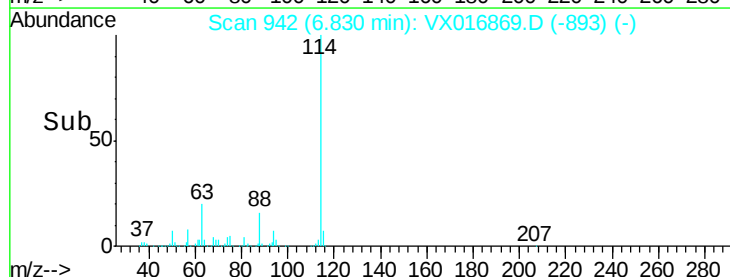
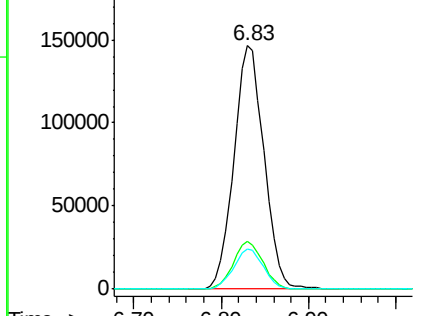
88 16.2 0.0 32.0

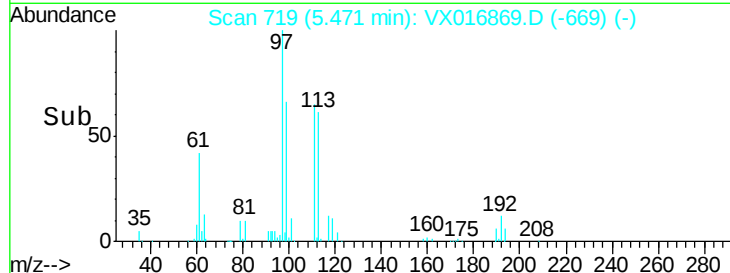
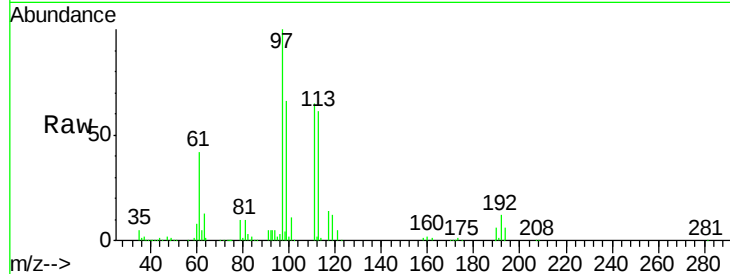
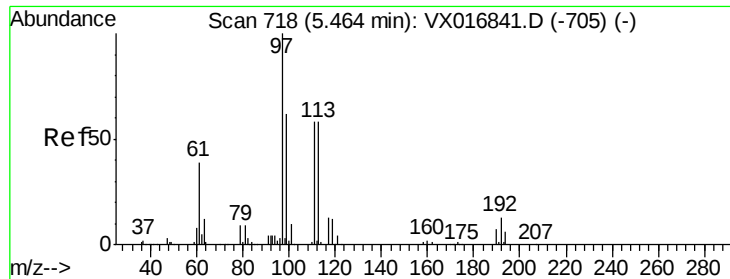


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





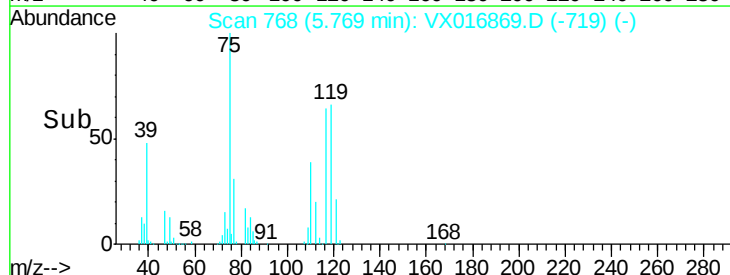
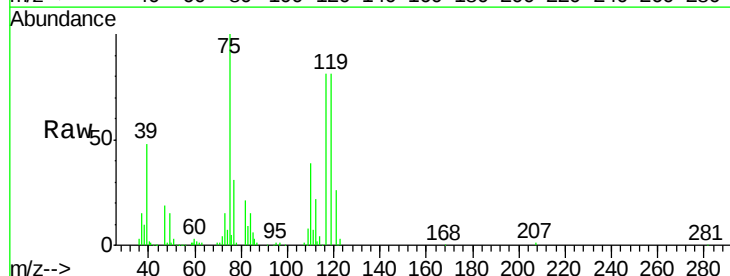
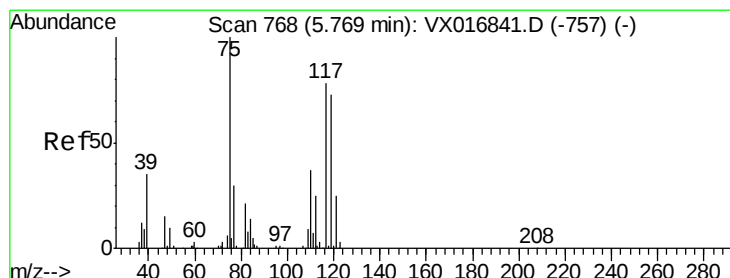
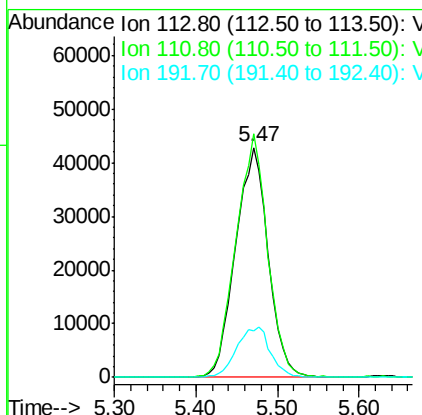
#35
Dibromofluoromethane
Concen: 52.893 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tot Ion	Ratio	Resp	Lower	Upper
113	100	118613		
111	103.3	81.0	121.4	
192	22.6	18.5	27.7	

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

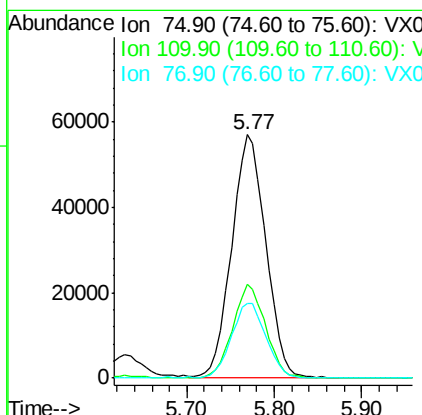
Manual Integrations
APPROVED

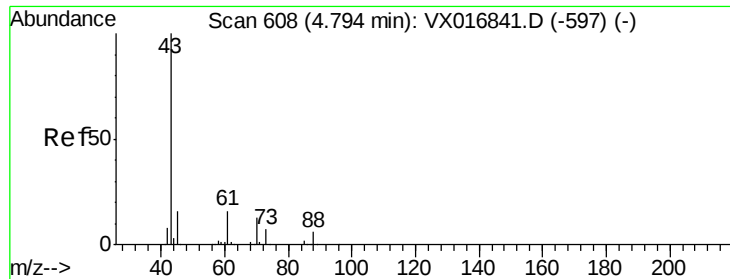
MMDadoda
6/19/2020 12:50:52 PM



#36
1,1-Dichloropropene
Concen: 47.618 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	154129		
110	37.1	18.9	56.9	
77	31.3	25.6	38.4	





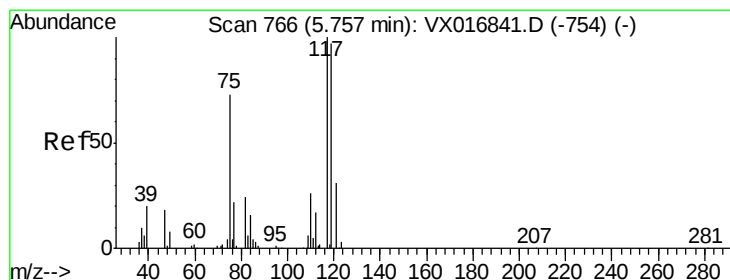
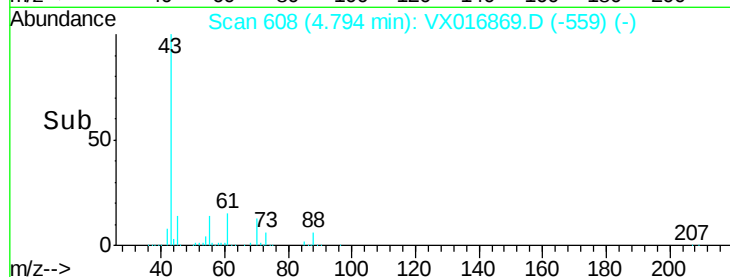
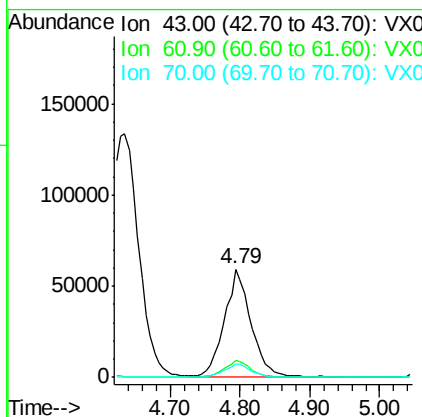
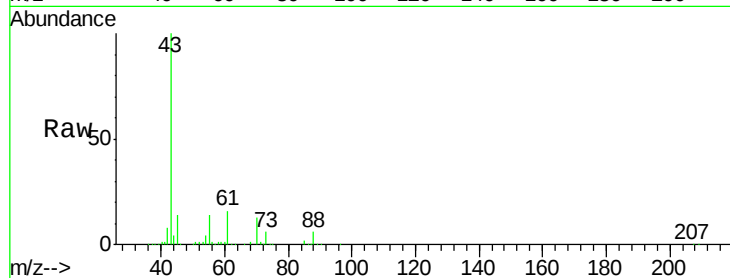
#37
Ethyl Acetate
Concen: 54.900 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.5	12.2	18.2
70	12.9	10.5	15.7

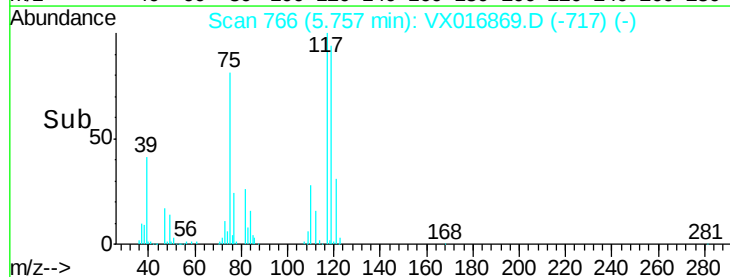
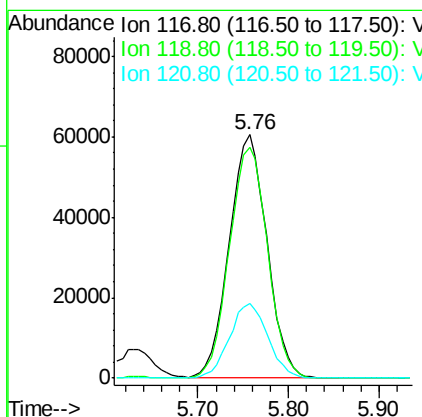
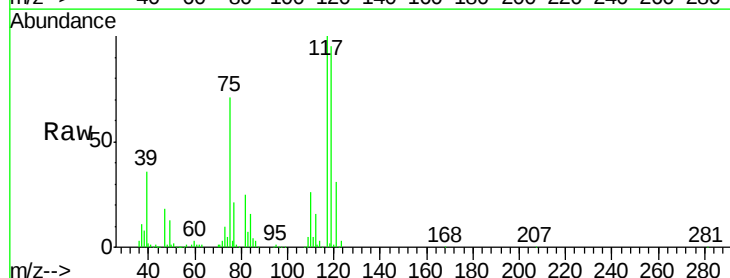
Manual Integrations
APPROVED

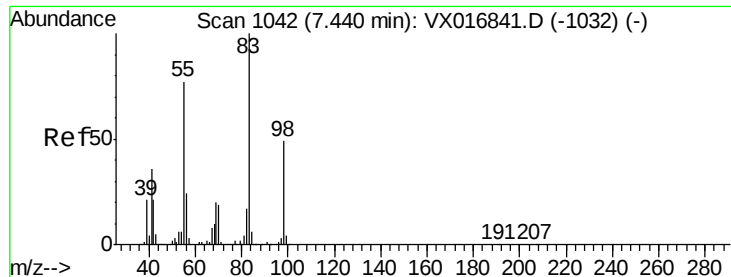
MMDadoda
6/19/2020 12:50:52 PM



#38
Carbon Tetrachloride
Concen: 48.149 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.4	116.2
121	30.7	24.7	37.1





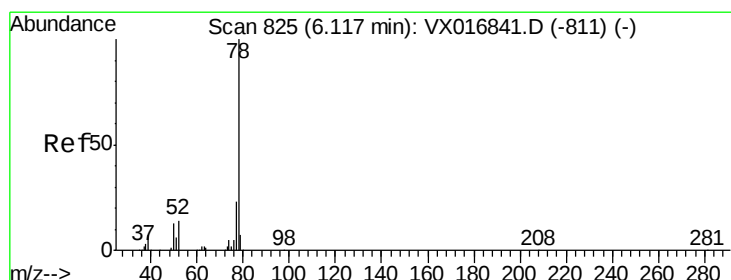
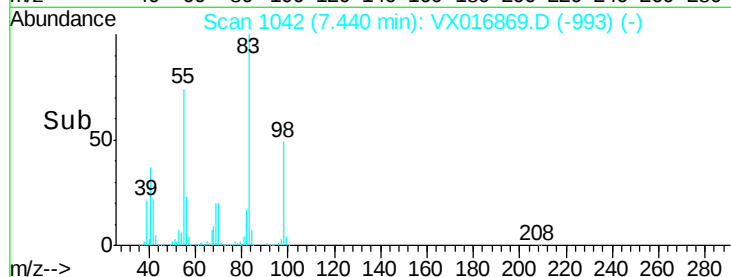
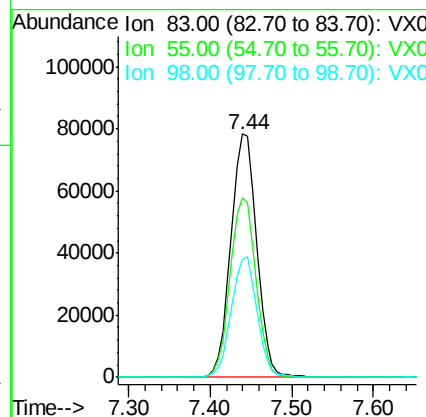
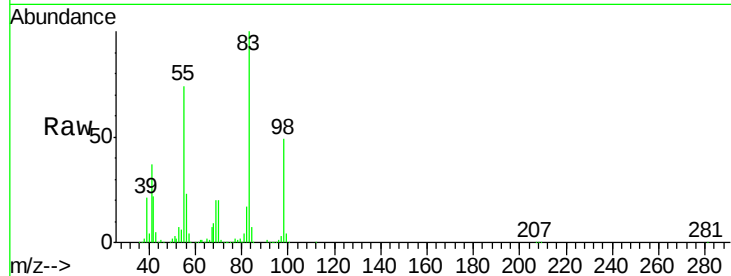
#39
Methvlcvclohexane
Concen: 45.526 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.6	61.7	92.5
98	48.8	39.0	58.6

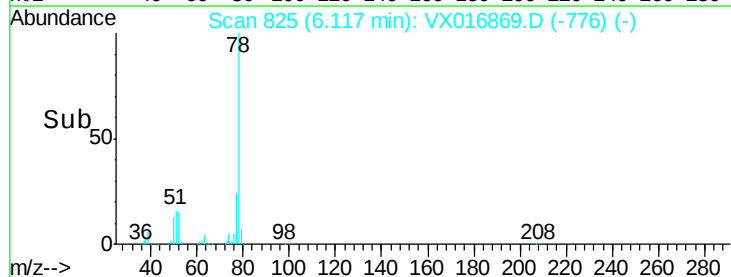
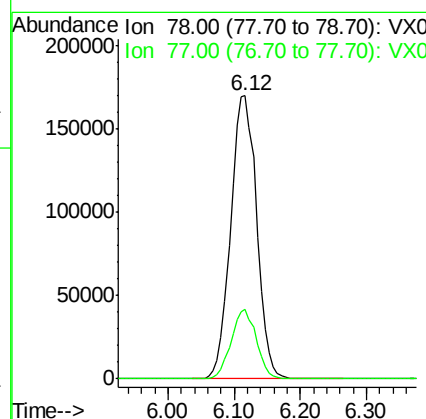
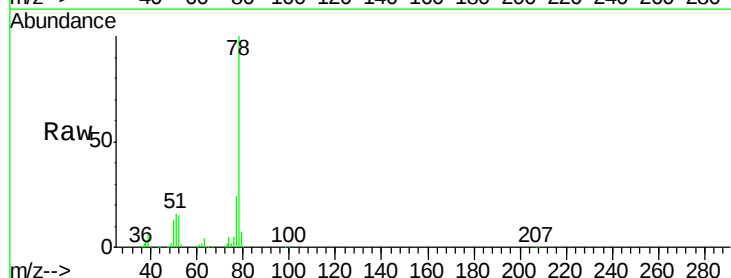
Manual Integrations
APPROVED

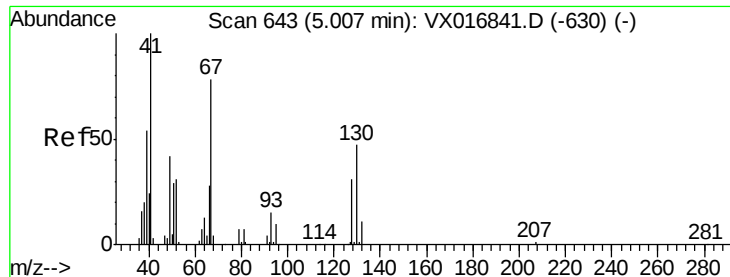
MMDadoda
6/19/2020 12:50:52 PM



#40
Benzene
Concen: 47.495 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.6	27.8





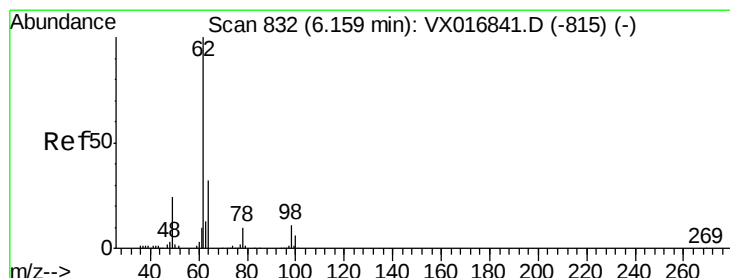
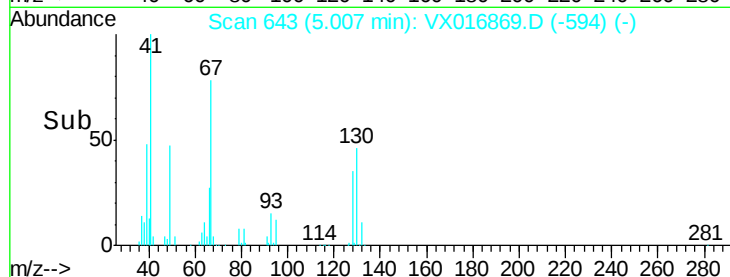
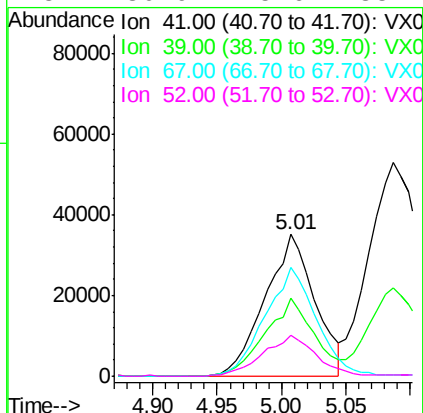
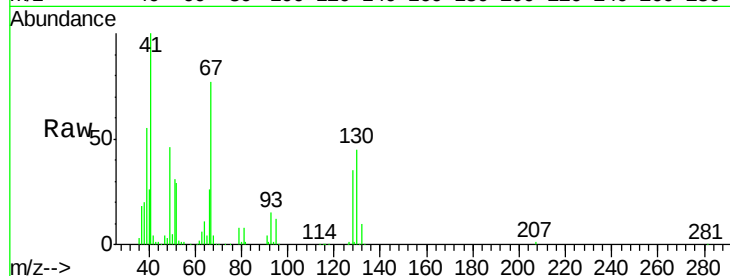
#41
Methacrylonitrile
Concen: 60.690 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.6	64.0
67	79.9	64.2	96.2
52	30.9	25.6	38.4

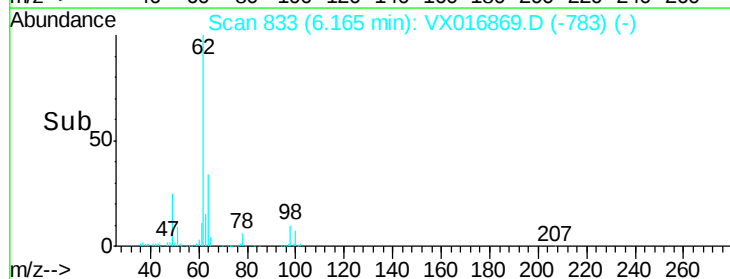
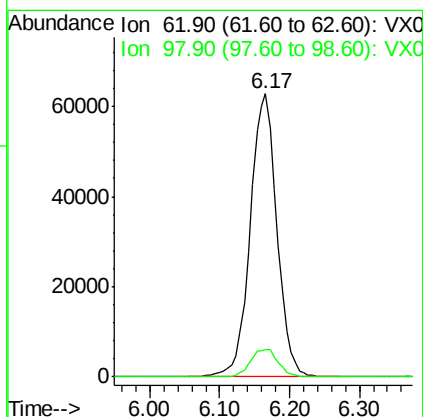
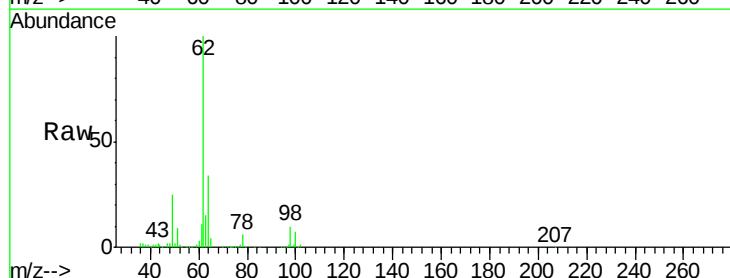
Manual Integrations
APPROVED

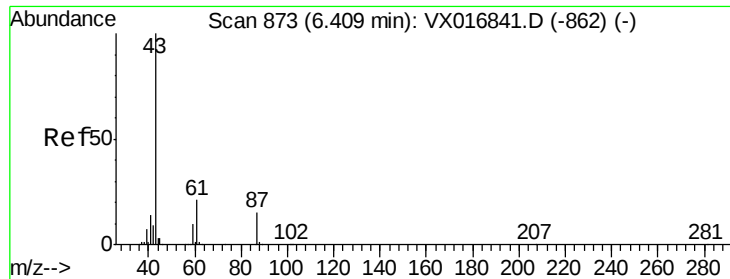
MMDadoda
6/19/2020 12:50:52 PM



#42
1,2-Dichloroethane
Concen: 48.024 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.8





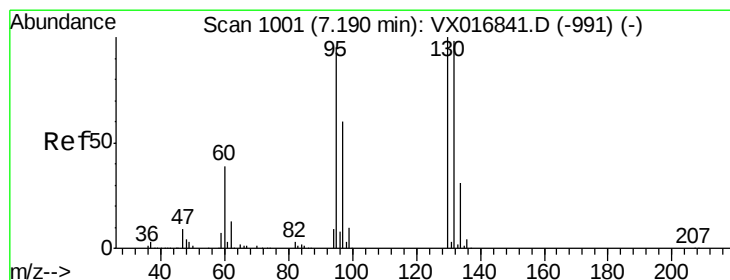
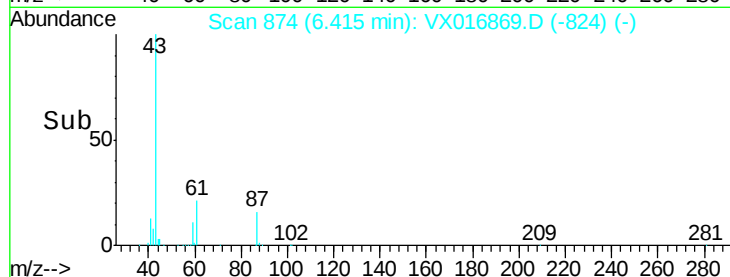
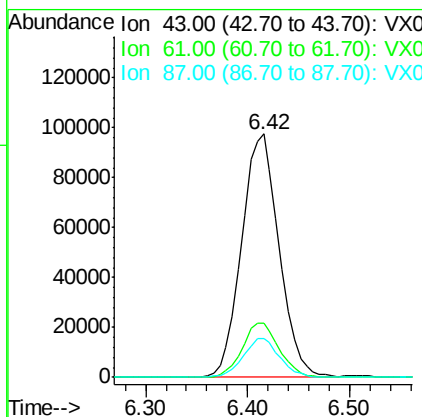
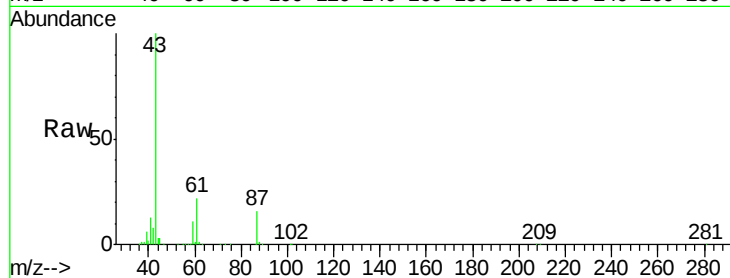
#43
Isopropyl Acetate
Concen: 49.546 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.1	17.9	26.9
87	15.8	12.4	18.6

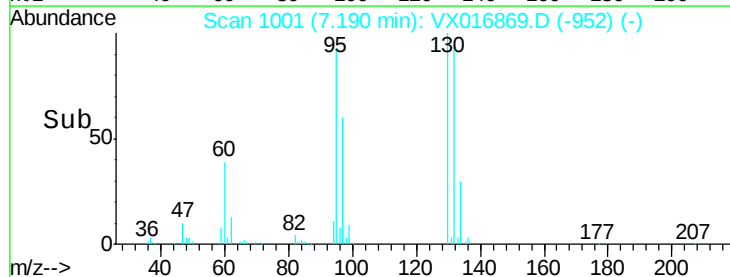
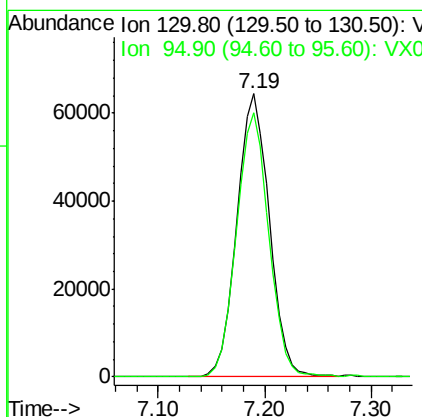
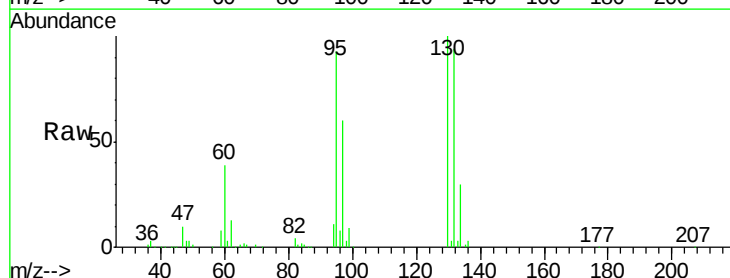
Manual Integrations
APPROVED

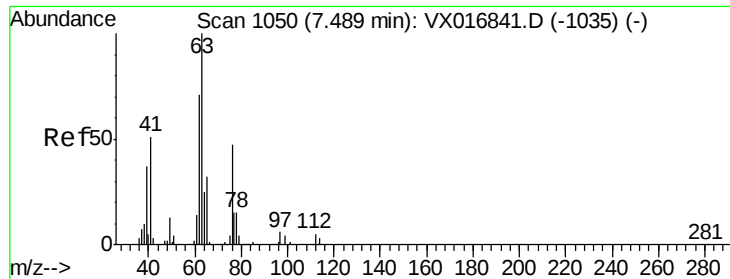
MMDadoda
6/19/2020 12:50:52 PM



#44
Trichloroethene
Concen: 46.480 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.2	0.0	190.8





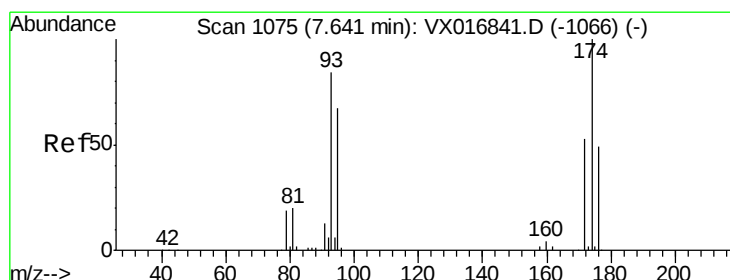
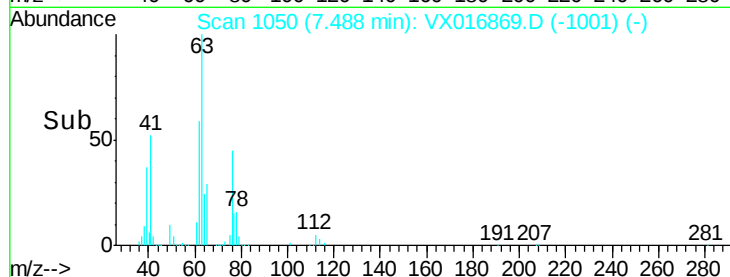
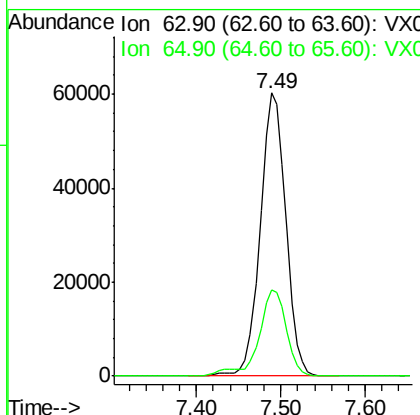
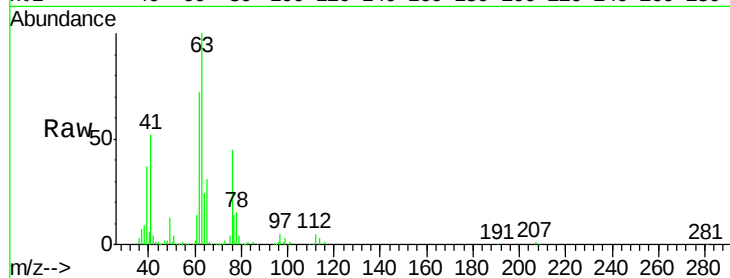
#45
 1,2-Dichloropropane
 Concen: 51.665 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Tot Ion: 63 Resp: 126143
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.8 38.8

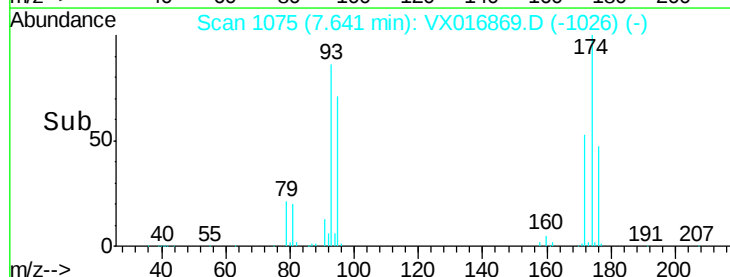
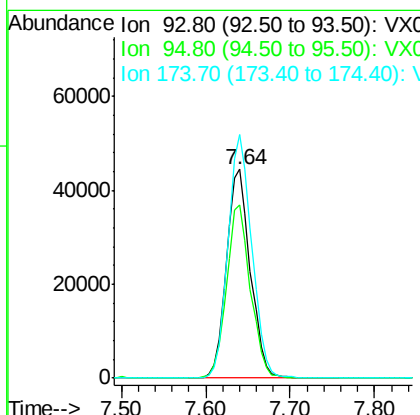
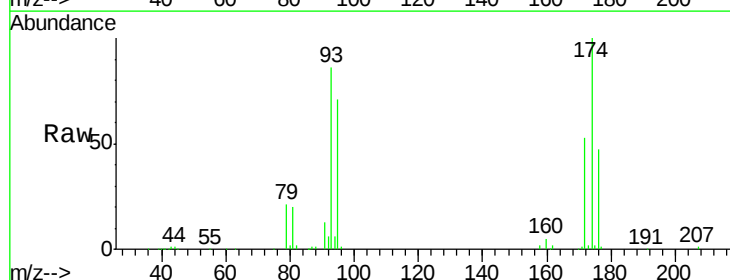
Manual Integrations
 APPROVED

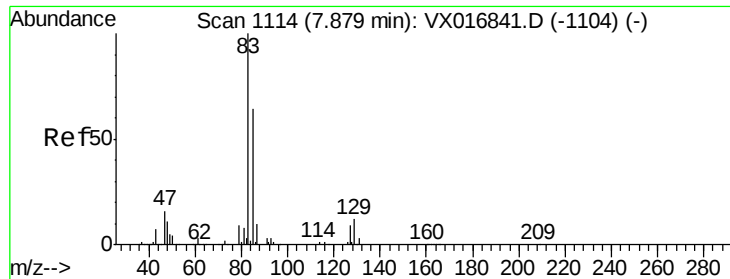
MMDadoda
 6/19/2020 12:50:52 PM



#46
 Dibromomethane
 Concen: 52.049 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion: 93 Resp: 86180
 Ion Ratio Lower Upper
 93 100
 95 82.8 65.7 98.5
 174 116.0 92.8 139.2





#47

Bromodichloromethane

Concen: 59.358 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

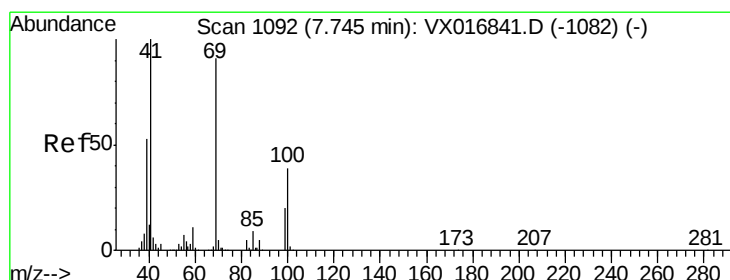
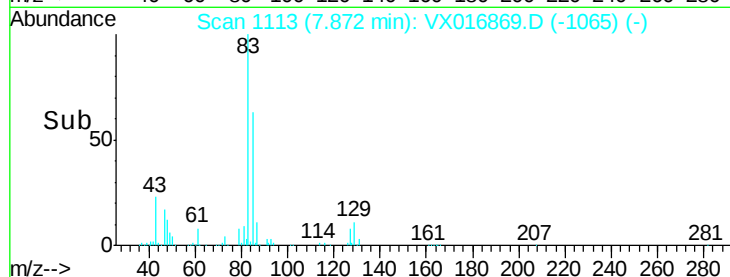
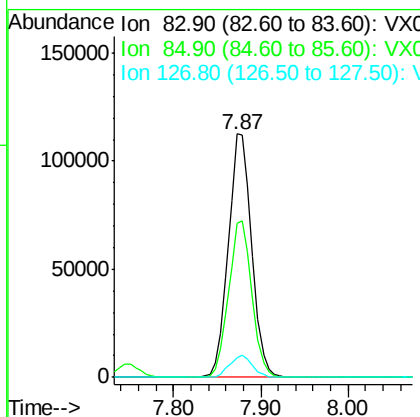
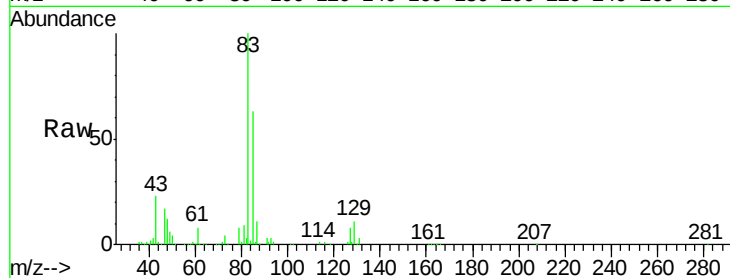
ClientSampleId :

MW-23MSD

Tot Ion:	83	Resp:	209027
Ion Ratio	Lower	Upper	
83	100		
85	63.3	50.9	76.3
127	8.0	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#48

Methyl methacrylate

Concen: 58.382 ug/l

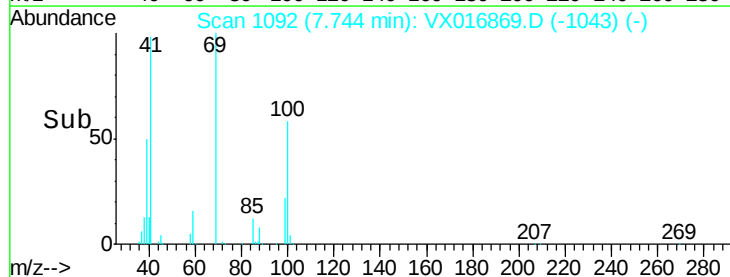
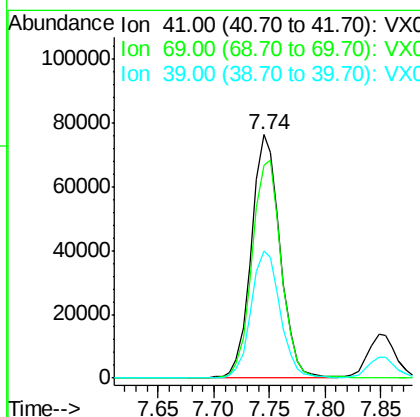
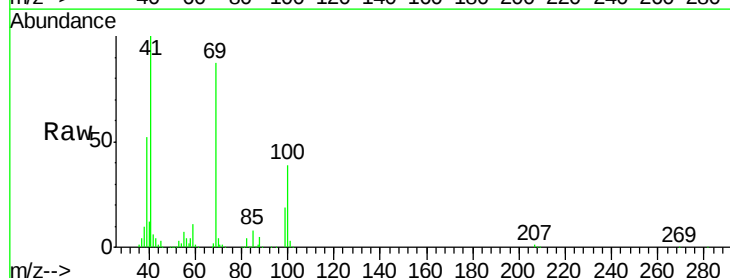
RT: 7.74 min Scan# 1092

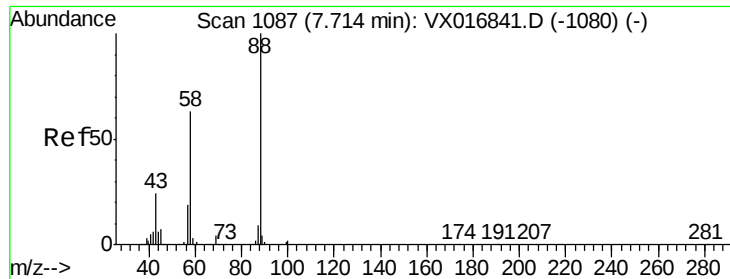
Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion:	41	Resp:	137297
Ion Ratio	Lower	Upper	
41	100		
69	91.7	73.3	109.9
39	52.7	42.4	63.6





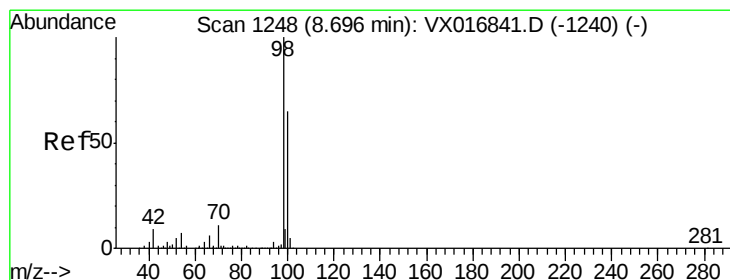
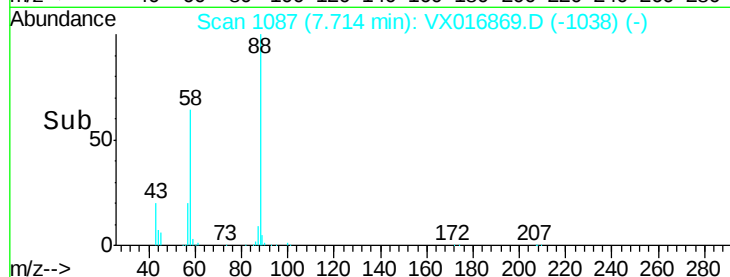
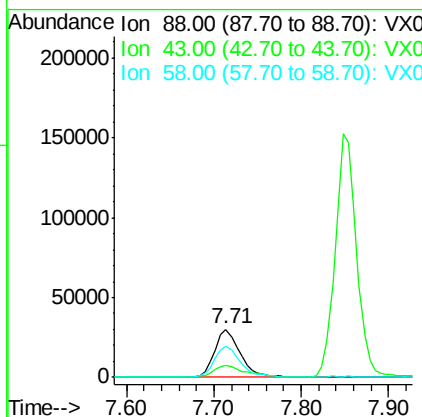
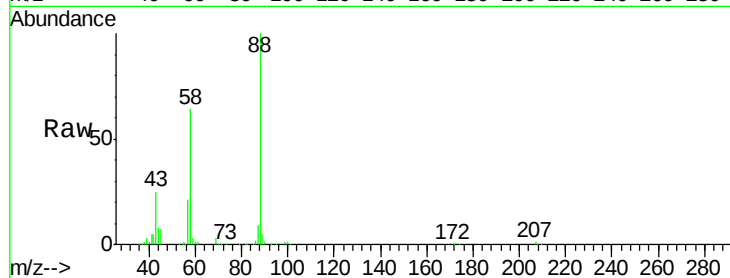
#49
1,4-Dioxane
Concen: 1156.807 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.5	22.7	34.1
58	66.8	53.1	79.7

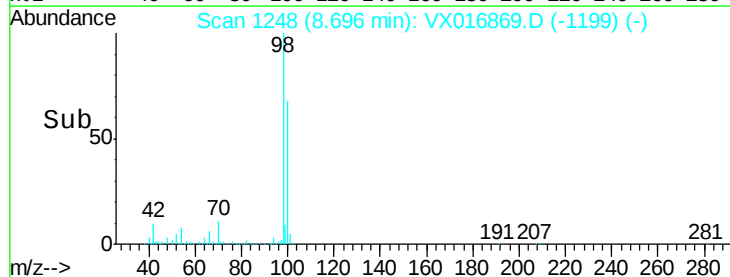
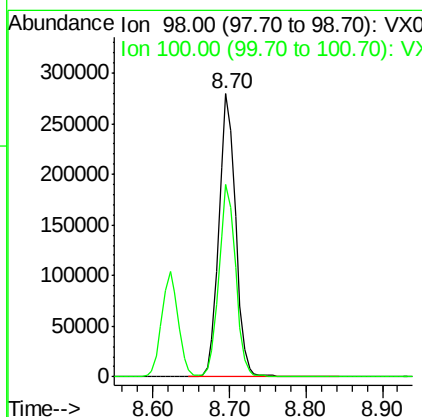
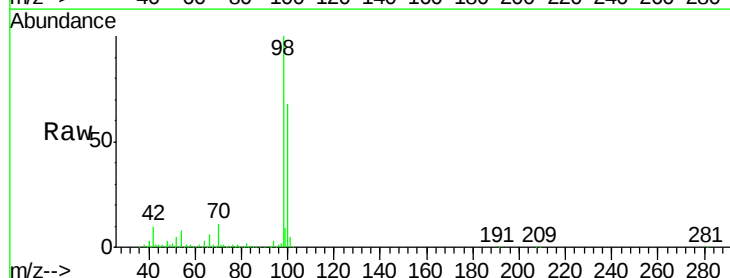
Manual Integrations
APPROVED

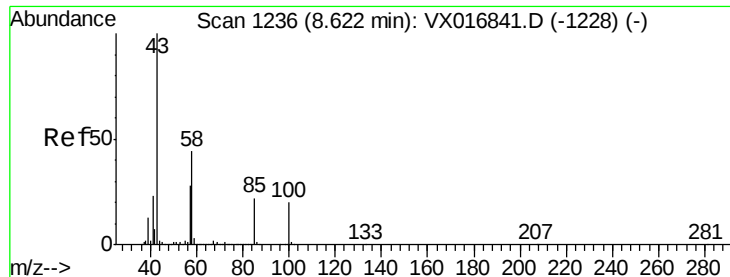
MMDadoda
6/19/2020 12:50:52 PM



#50
Toluene-d8
Concen: 47.263 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.4	54.0	81.0





#51

4-Methyl-2-Pentanone

Concen: 268.871 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 43 Resp: 807634

Ion Ratio Lower Upper

43 100

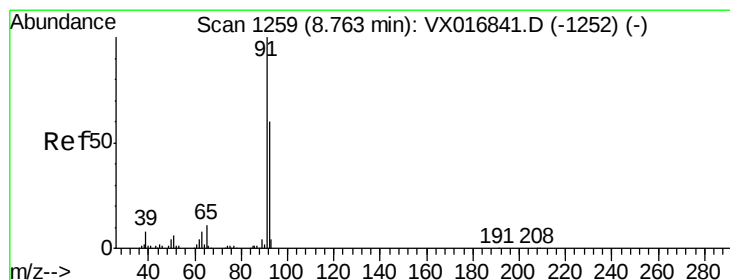
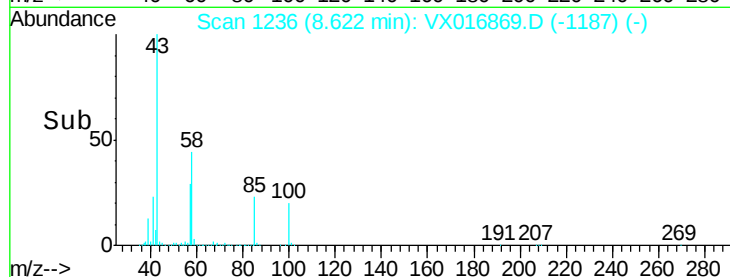
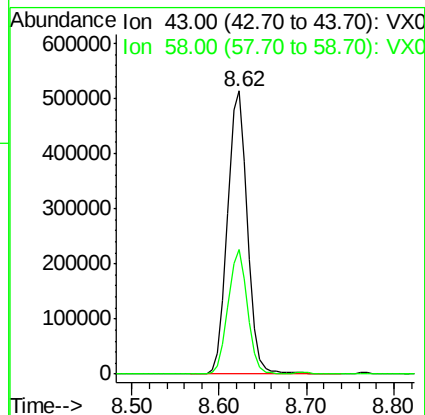
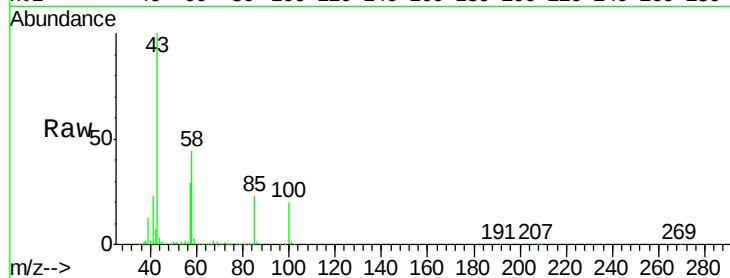
58 43.0 34.3 51.5

Manual Integrations

APPROVED

MMDadoda

6/19/2020 12:50:52 PM



#52

Toluene

Concen: 48.455 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX016869.D

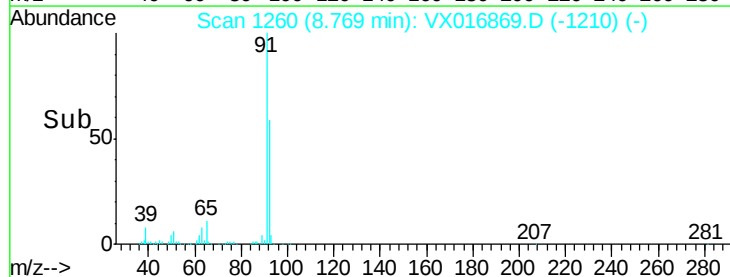
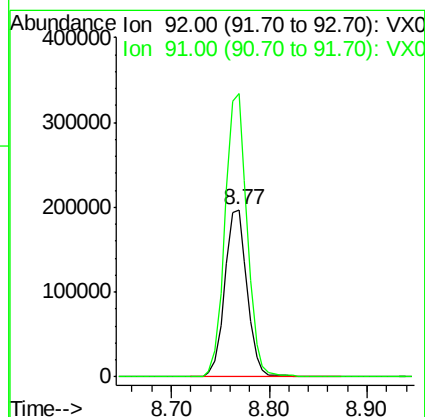
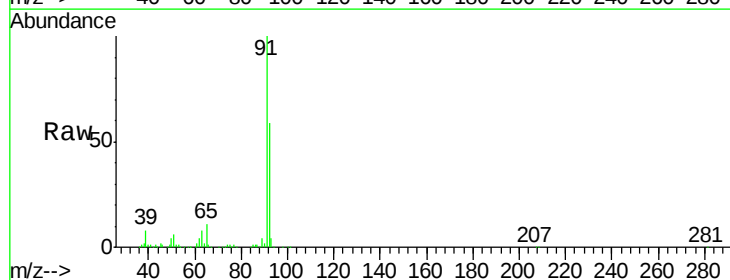
Acq: 19 Jun 2020 03:41

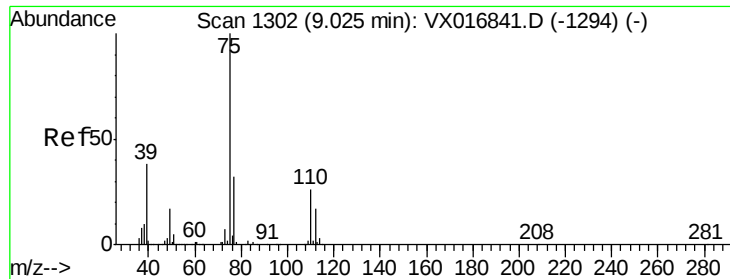
Tgt Ion: 92 Resp: 312195

Ion Ratio Lower Upper

92 100

91 168.3 134.2 201.2





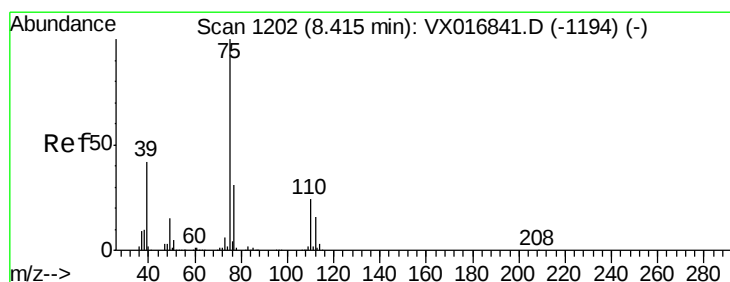
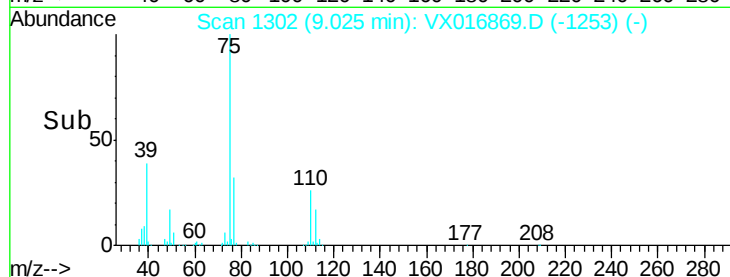
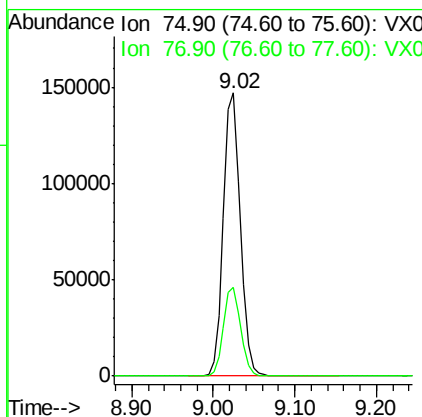
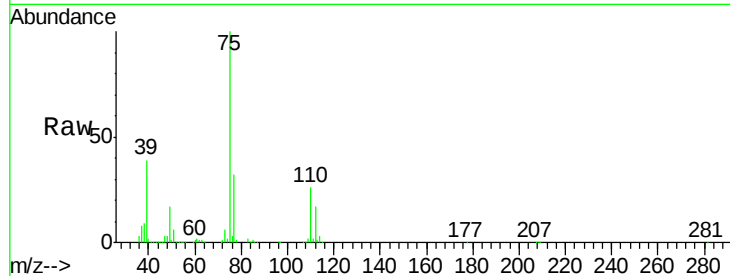
#53
t-1,3-Dichloropropene
Concen: 54.986 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion: 75 Resp: 212872
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9

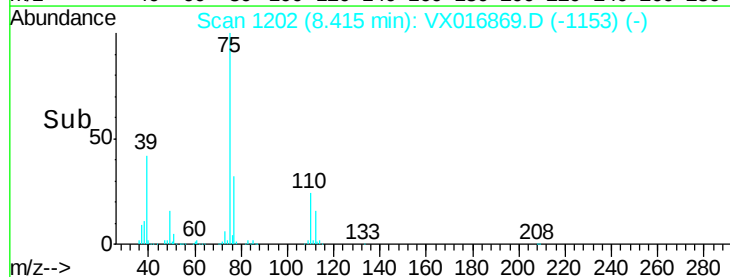
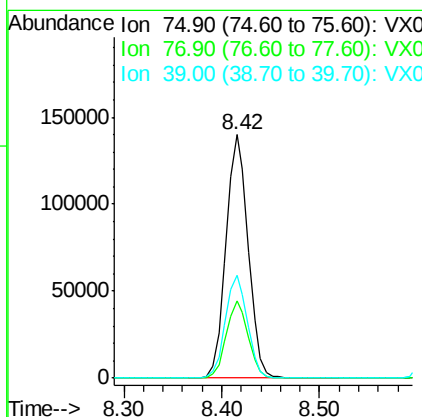
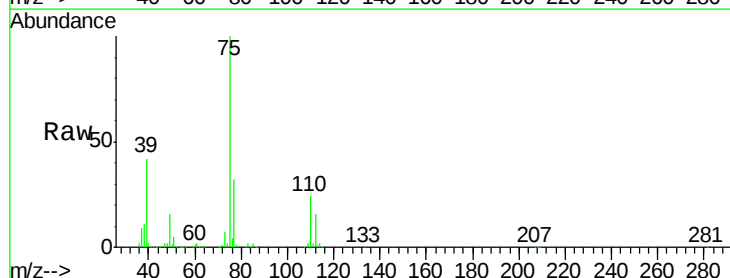
Manual Integrations
APPROVED

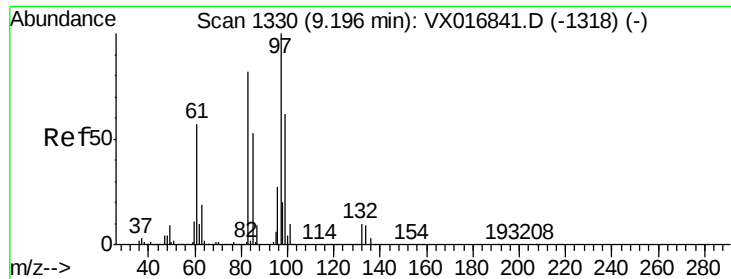
MMDadoda
6/19/2020 12:50:52 PM



#54
cis-1,3-Dichloropropene
Concen: 53.091 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 75 Resp: 219882
Ion Ratio Lower Upper
75 100
77 32.0 24.9 37.3
39 42.4 33.4 50.0





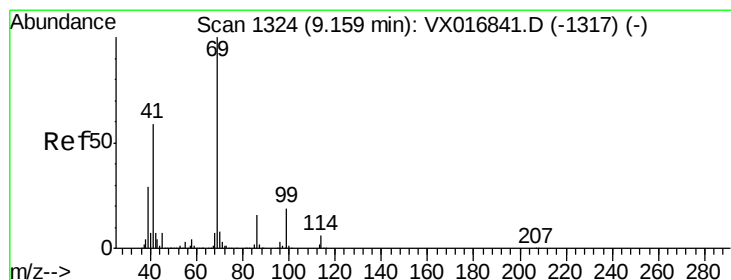
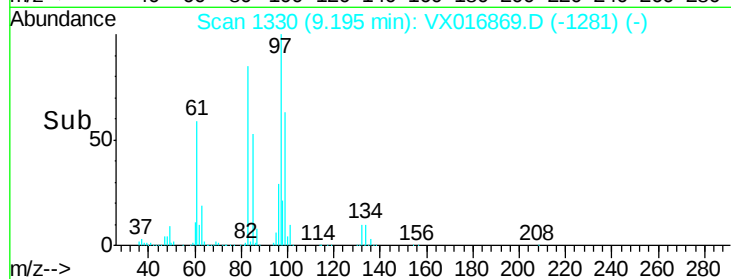
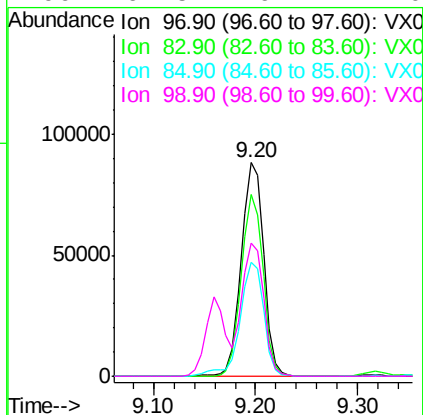
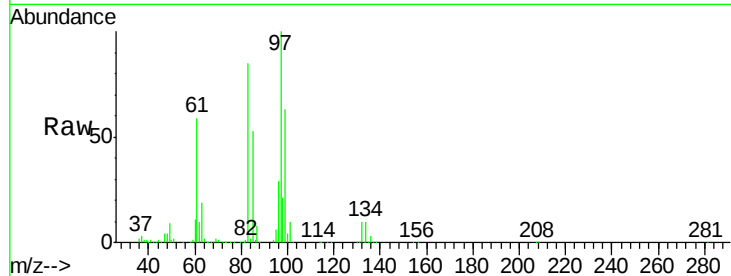
#55
 1,1,2-Trichloroethane
 Concen: 55.320 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Tot Ion:	97	Resp:	134573
Ion	Ratio	Lower	Upper
97	100		
83	84.9	65.5	98.3
85	53.4	42.6	63.8
99	62.5	49.4	74.0

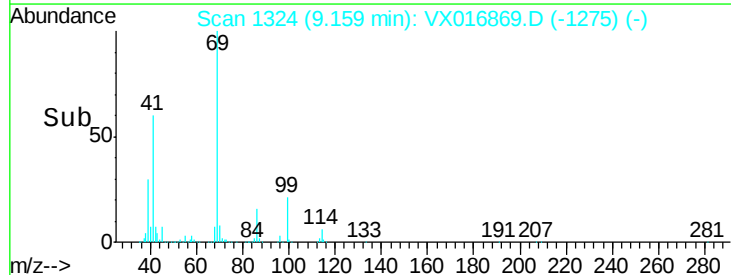
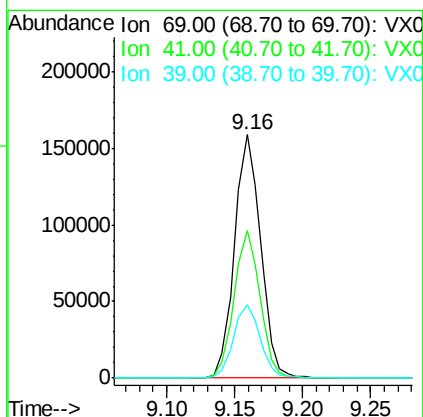
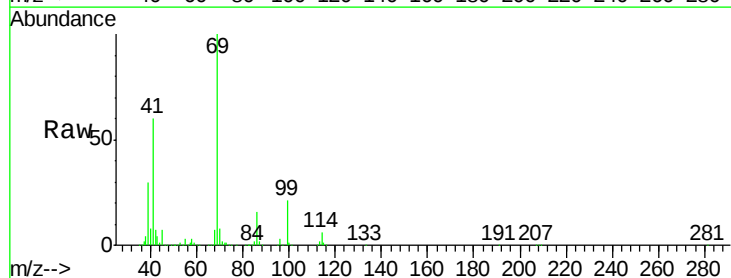
Manual Integrations
 APPROVED

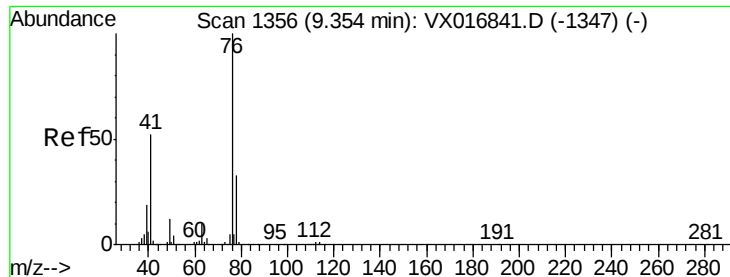
MMDadoda
 6/19/2020 12:50:52 PM



#56
 Ethyl methacrylate
 Concen: 60.494 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion:	69	Resp:	213035
Ion	Ratio	Lower	Upper
69	100		
41	60.0	47.9	71.9
39	30.7	24.2	36.4





#57

1,3-Dichloropropane

Concen: 52.542 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 76 Resp: 216679

Ion Ratio Lower Upper

76 100

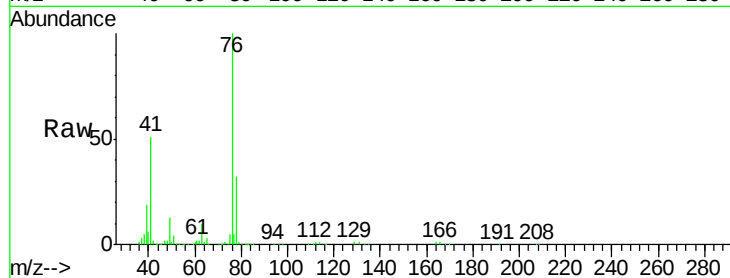
78 32.5 25.8 38.6

Manual Integrations

APPROVED

MMDadoda

6/19/2020 12:50:52 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

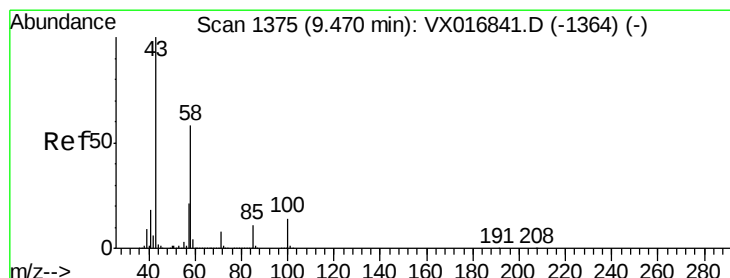
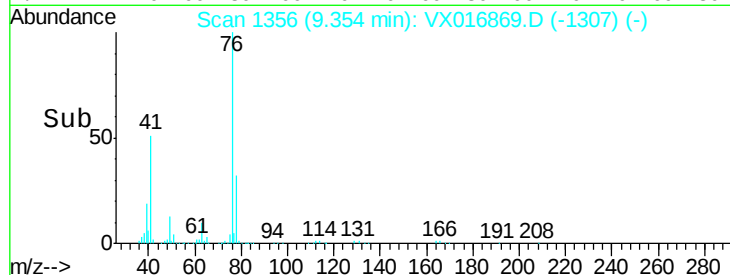
150000

100000

50000

0

Time--> 9.25 9.30 9.35 9.40 9.45



#59

2-Hexanone

Concen: 351.882 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. 0.00 min

Lab File: VX016869.D

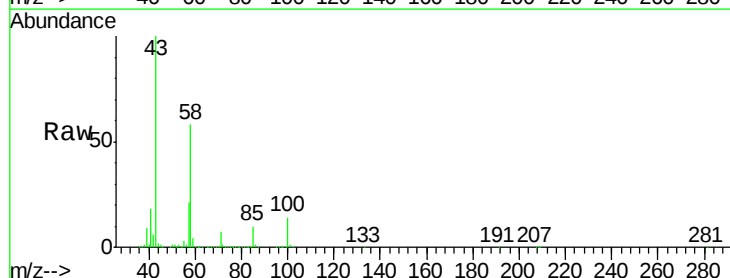
Acq: 19 Jun 2020 03:41

Tgt Ion: 43 Resp: 765434

Ion Ratio Lower Upper

43 100

58 59.2 29.8 89.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.47

600000

500000

400000

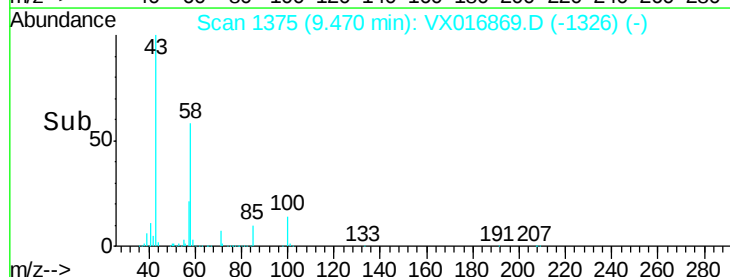
300000

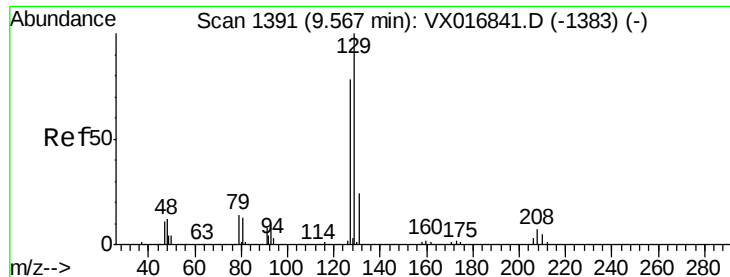
200000

100000

0

Time--> 9.40 9.50 9.60





#60

Dibromochloromethane

Concen: 62.490 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion:129 Resp: 182361

Ion Ratio Lower Upper

129 100

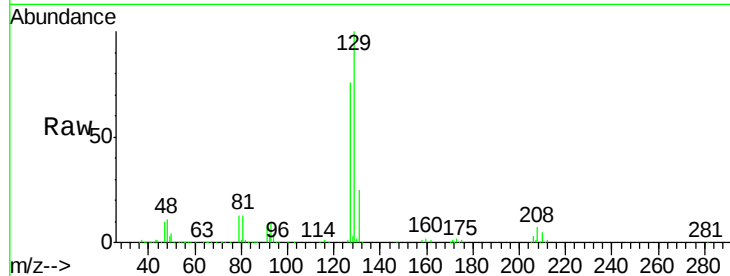
127 76.1 38.5 115.5

Manual Integrations

APPROVED

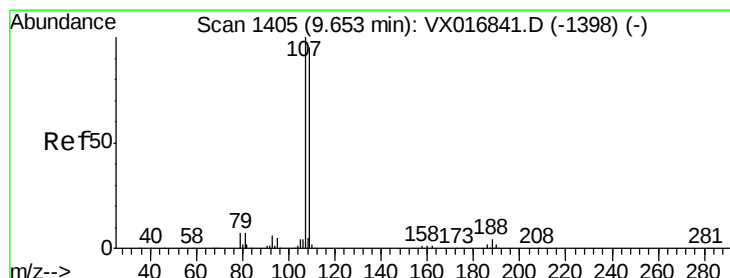
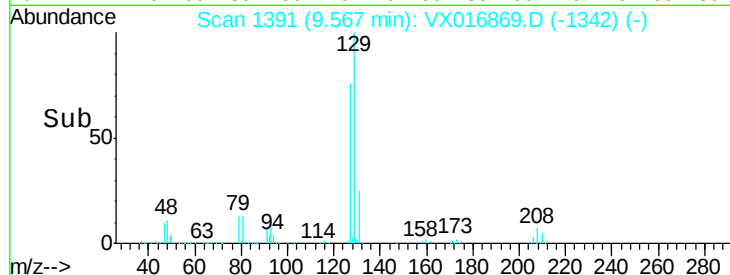
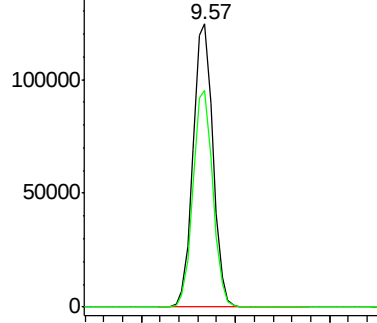
MMDadoda

6/19/2020 12:50:52 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 61.571 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016869.D

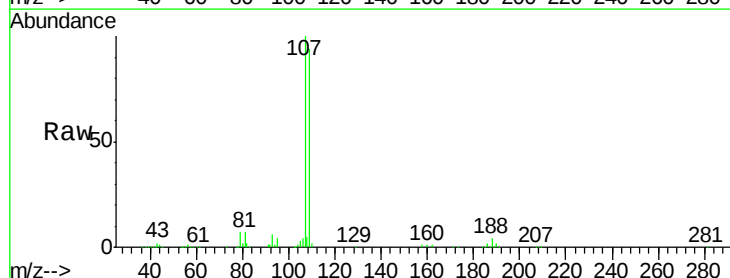
Acq: 19 Jun 2020 03:41

Tgt Ion:107 Resp: 162545

Ion Ratio Lower Upper

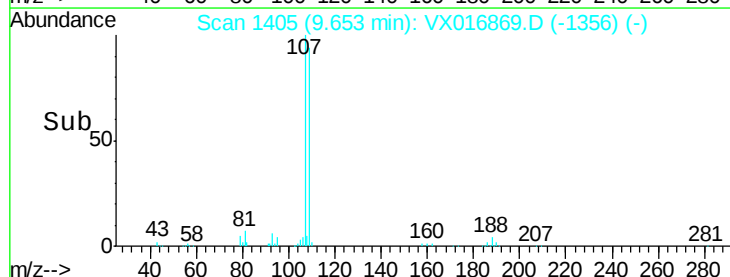
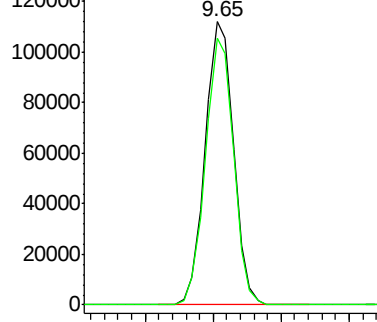
107 100

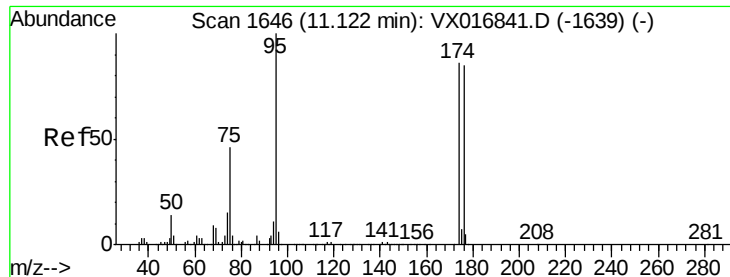
109 93.7 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 47.046 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

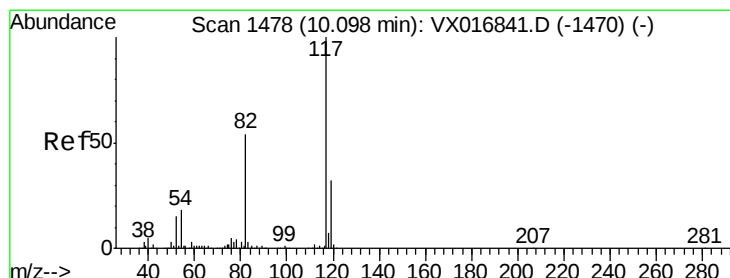
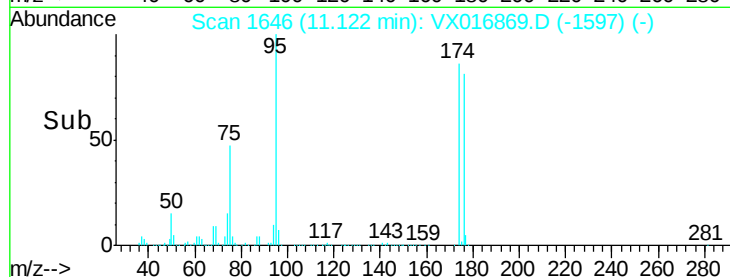
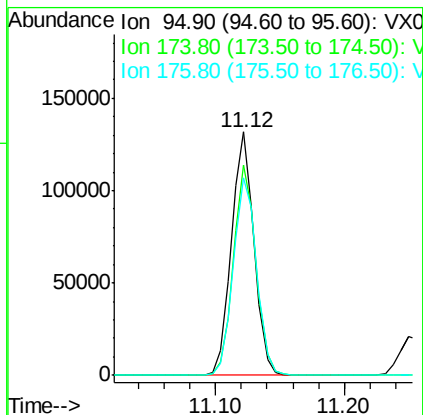
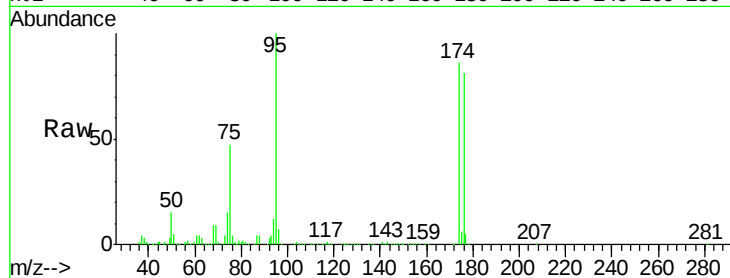
ClientSampleId :

MW-23MSD

Tot Ion:	95	Resp:	161722
Ion Ratio	Lower	Upper	
95	100		
174	86.0	0.0	174.2
176	83.4	0.0	170.0

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

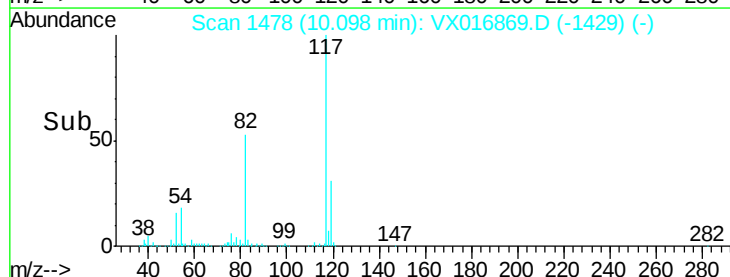
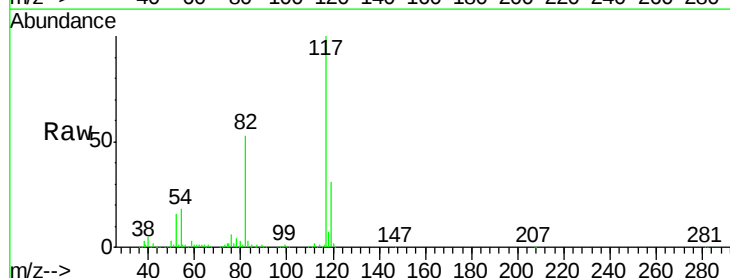
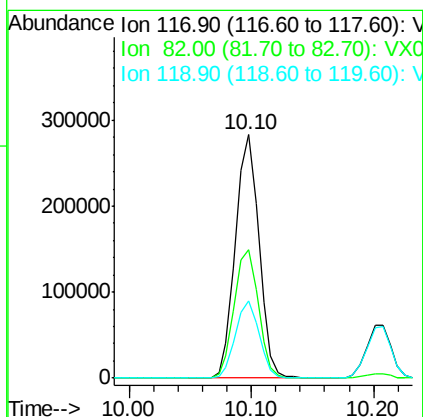
RT: 10.10 min Scan# 1478

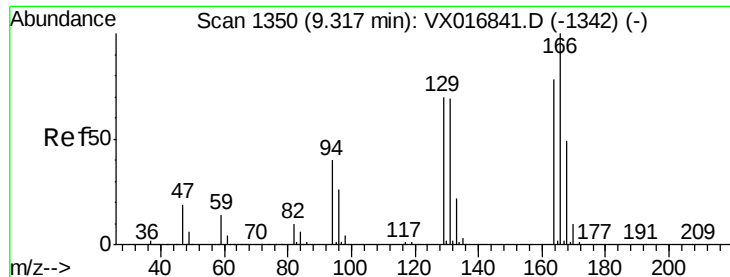
Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion:	117	Resp:	377246
Ion Ratio	Lower	Upper	
117	100		
82	53.0	43.4	65.0
119	31.5	25.7	38.5





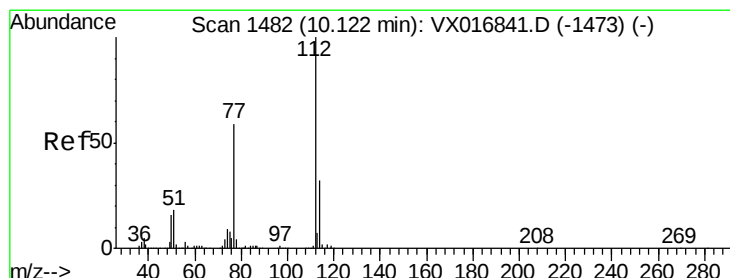
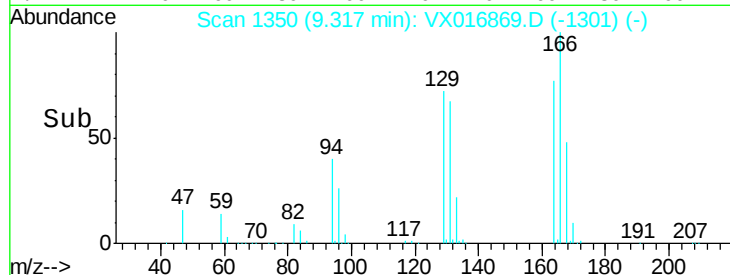
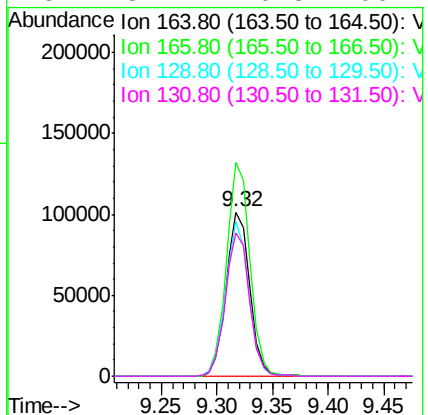
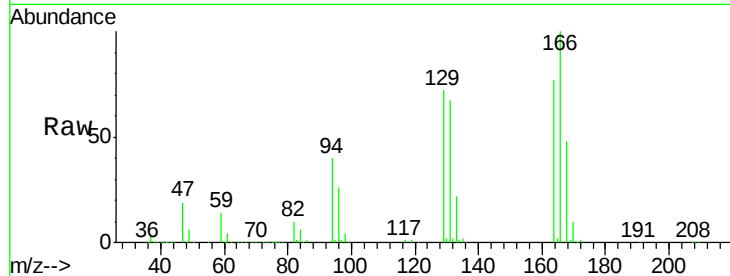
#64
Tetrachloroethene
Concen: 42.648 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.0	102.6	153.8
129	94.2	72.2	108.2
131	87.1	70.8	106.2

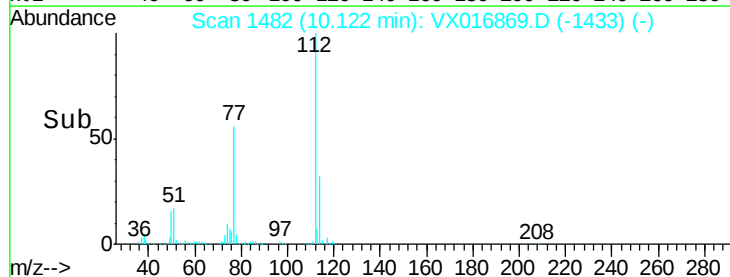
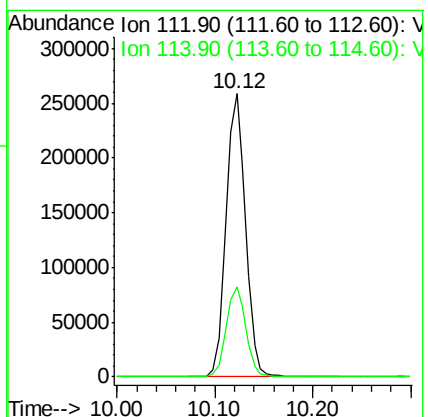
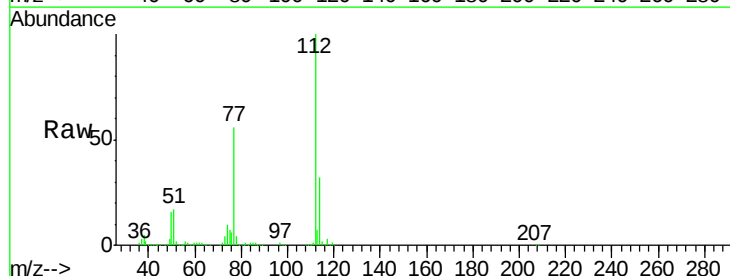
Manual Integrations
APPROVED

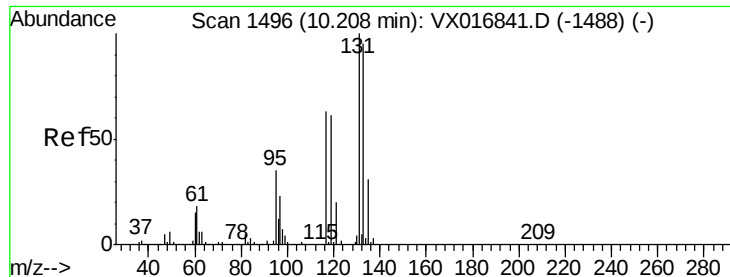
MMDadoda
6/19/2020 12:50:52 PM



#65
Chlorobenzene
Concen: 46.686 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 45.565 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

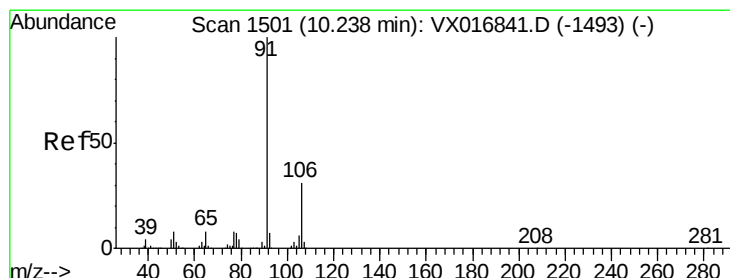
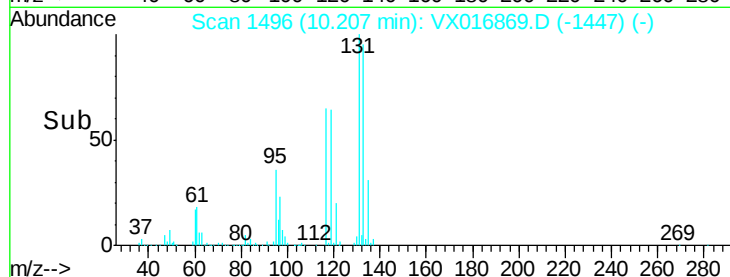
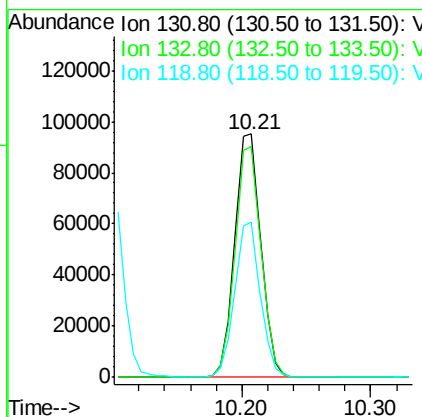
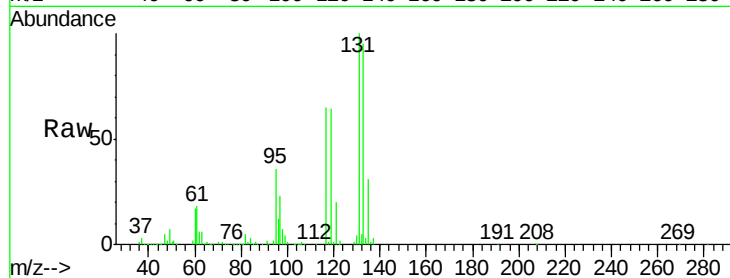
ClientSampleId :

MW-23MSD

Tot Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.7	143.1
119	62.6	30.8	92.4

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#67

Ethyl Benzene

Concen: 46.146 ug/l

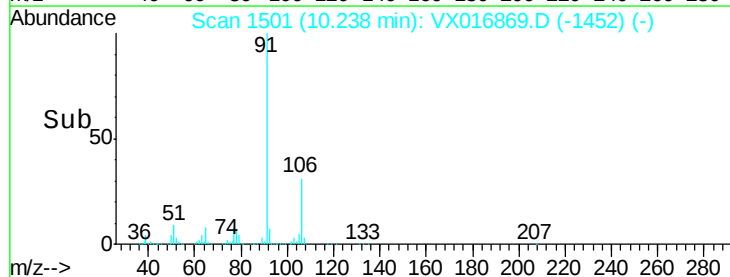
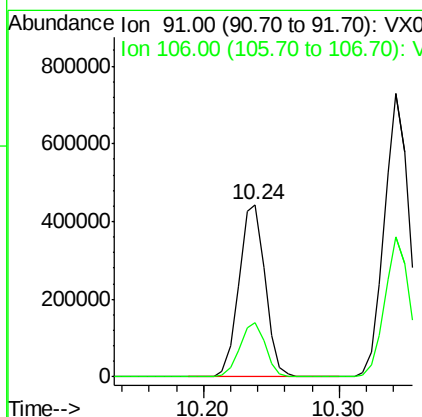
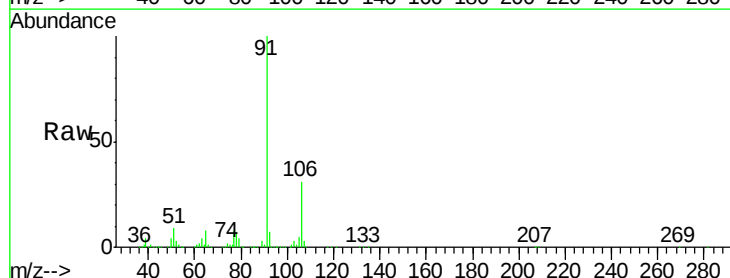
RT: 10.24 min Scan# 1501

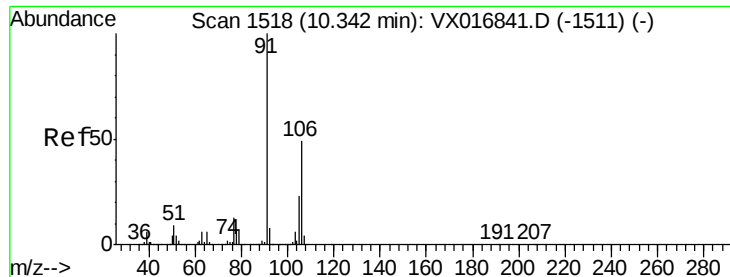
Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.4	25.1	37.7





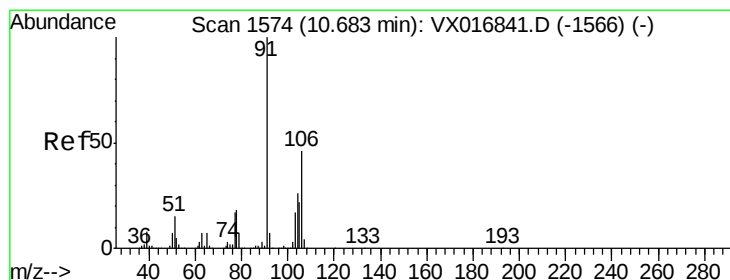
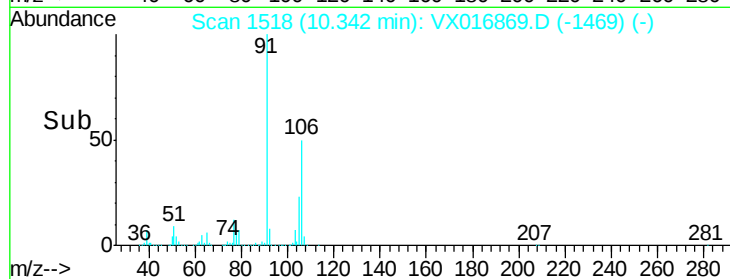
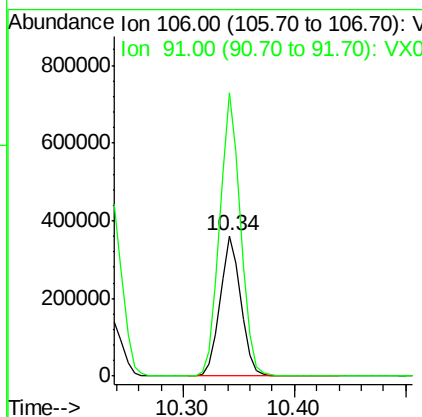
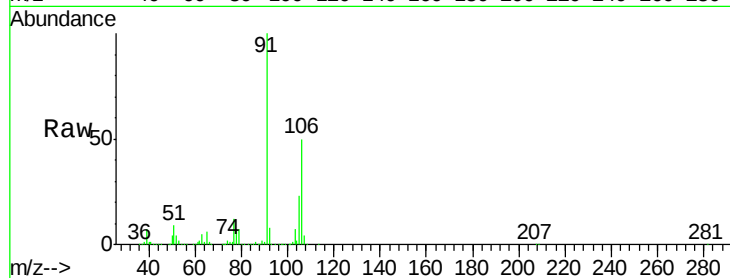
#68
m/p-Xylenes
Concen: 92.699 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		464937		
91	202.5	161.5	242.3		

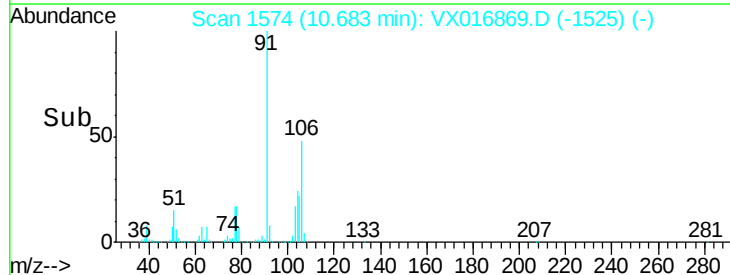
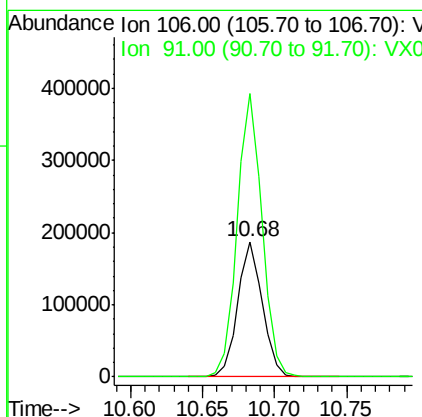
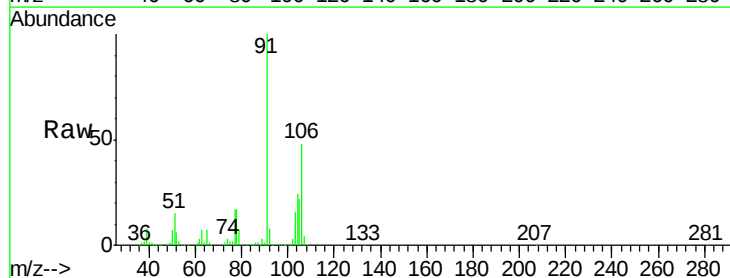
Manual Integrations
APPROVED

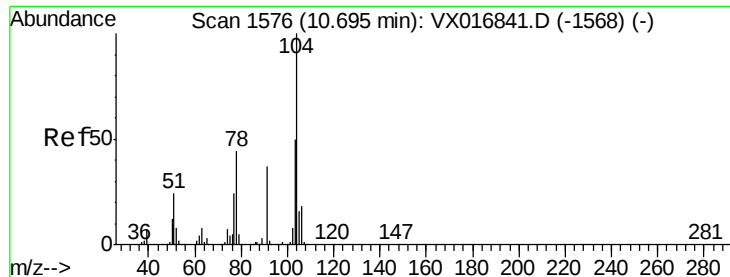
MMDadoda
6/19/2020 12:50:52 PM



#69
o-Xylene
Concen: 47.995 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		222585		
91	212.4	107.9	323.7		





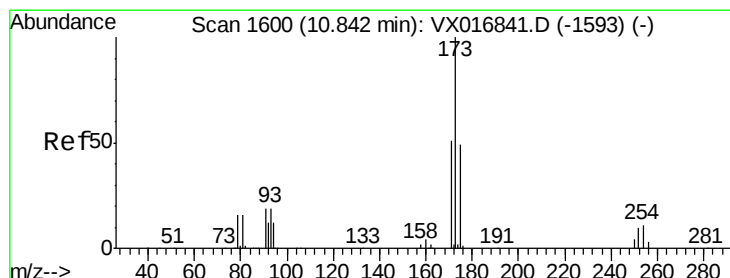
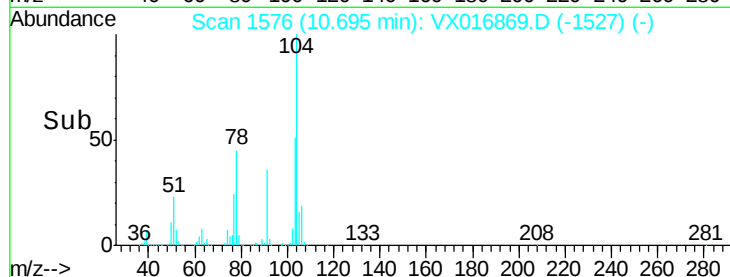
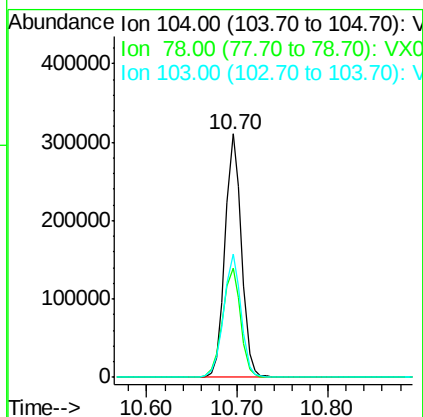
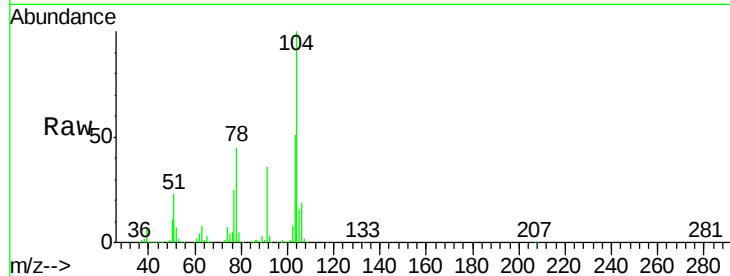
#70
Stvrene
Concen: 49.547 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.4	39.6	59.4
103	53.7	43.3	64.9

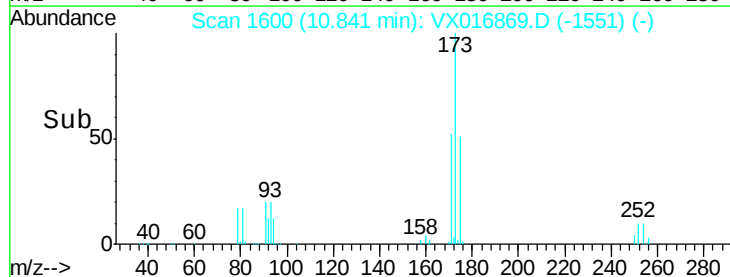
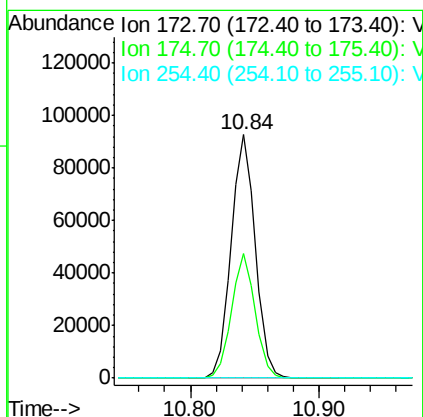
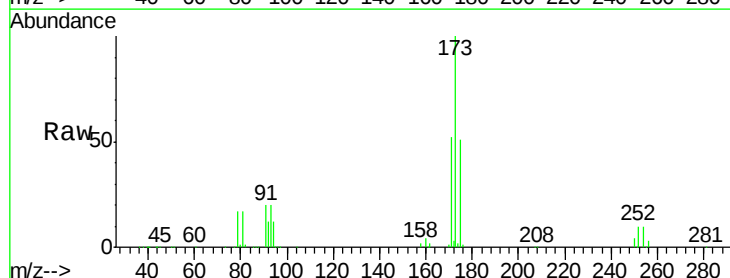
Manual Integrations
APPROVED

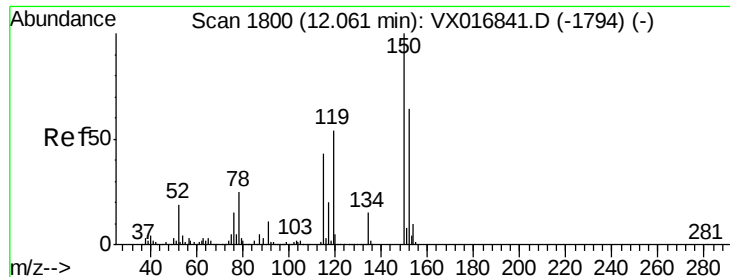
MMDadoda
6/19/2020 12:50:52 PM



#71
Bromoform
Concen: 48.847 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.3	73.0
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: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion:152 Resp: 170779

Ion Ratio Lower Upper

152 100

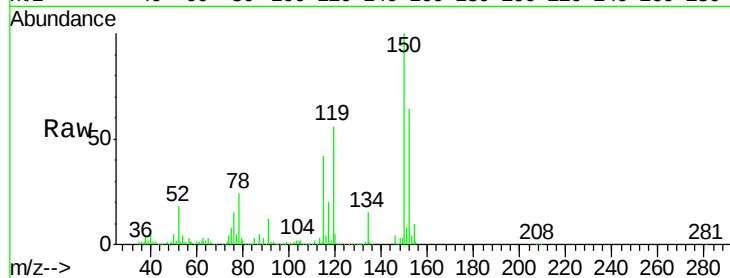
115 80.3 40.9 122.8

150 171.9 0.0 344.2

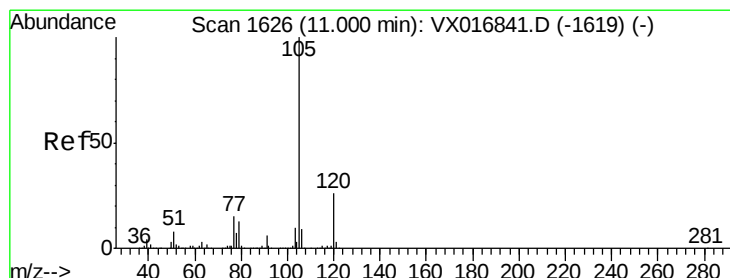
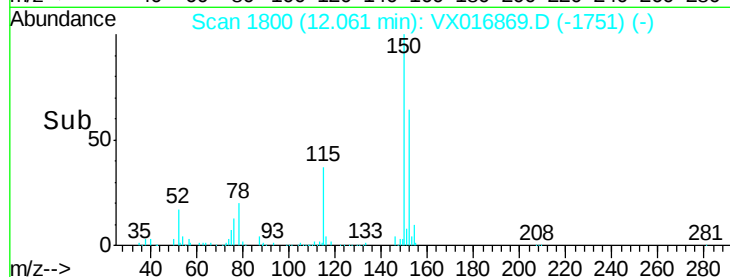
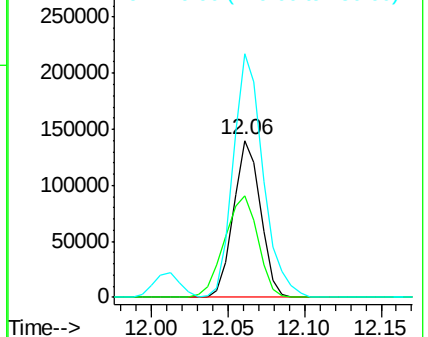
Manual Integrations
APPROVED

MMDadoda

6/19/2020 12:50:52 PM



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



#73

Isopropylbenzene

Concen: 53.436 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016869.D

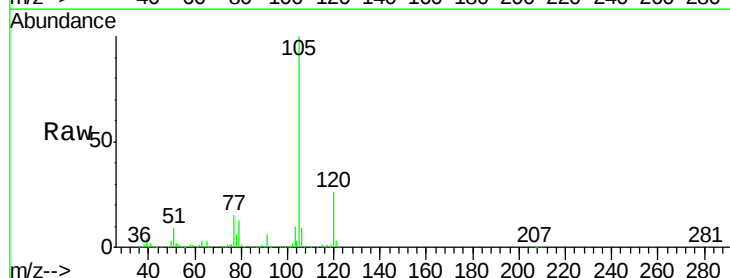
Acq: 19 Jun 2020 03:41

Tgt Ion:105 Resp: 587563

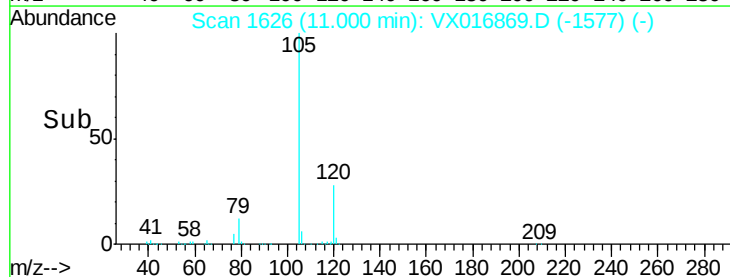
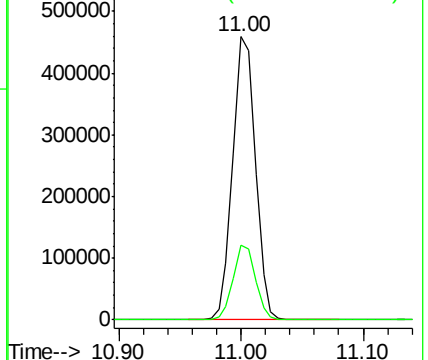
Ion Ratio Lower Upper

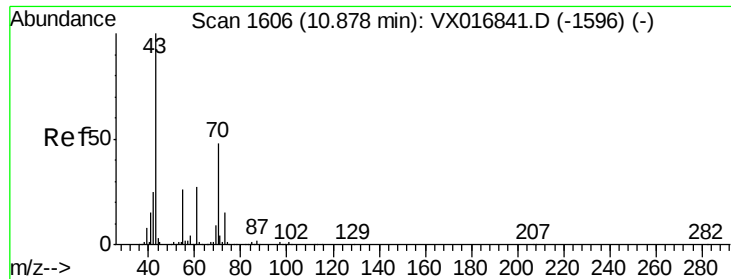
105 100

120 26.1 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 59.176 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

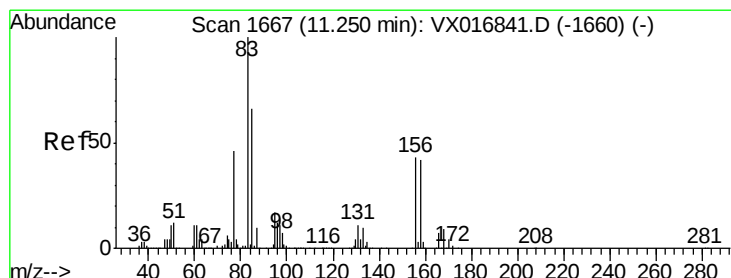
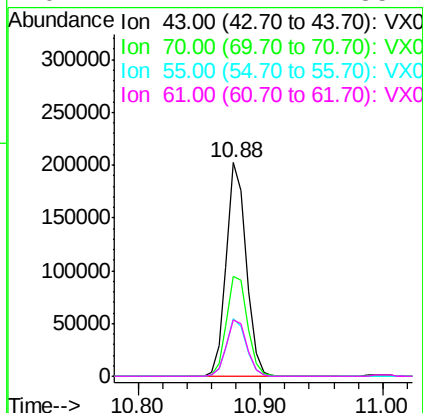
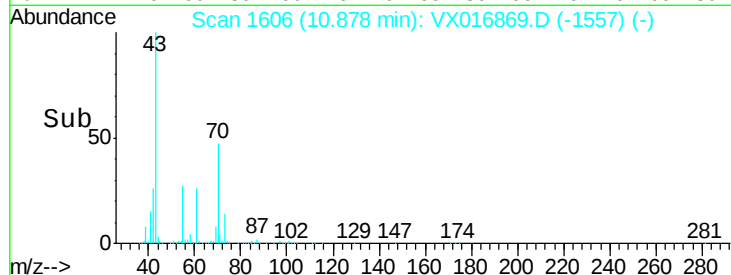
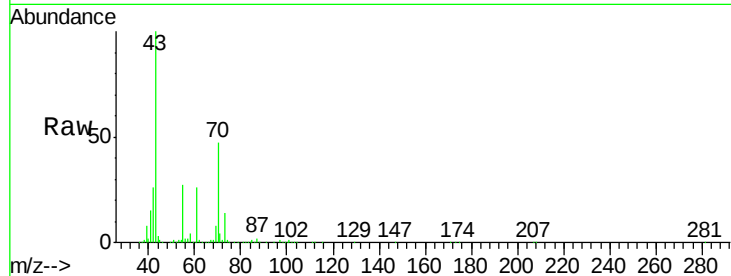
ClientSampleId :

MW-23MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	49.2	39.9	59.9		
55	27.2	21.8	32.6		
61	27.4	22.2	33.4		

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 54.846 ug/l

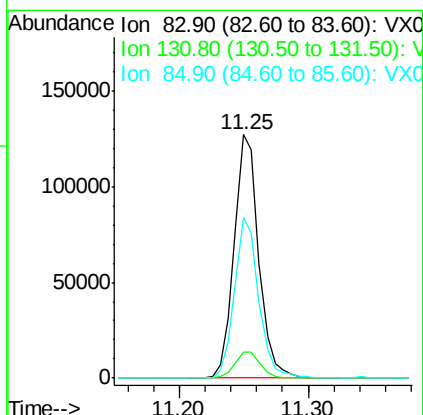
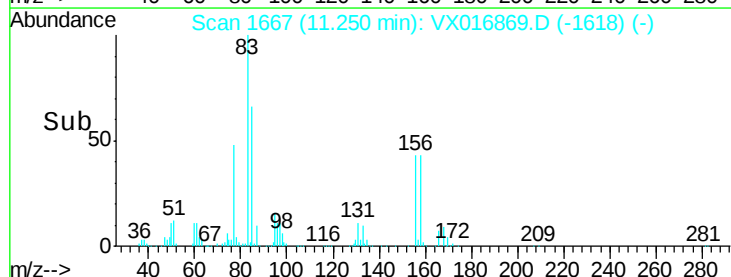
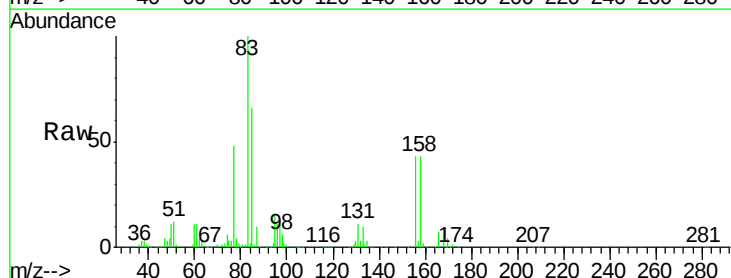
RT: 11.25 min Scan# 1667

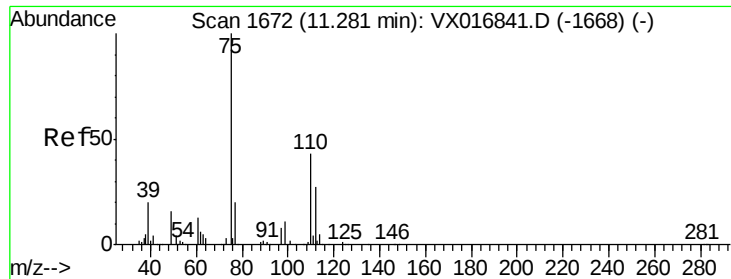
Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	11.0	5.7	17.1		
85	64.9	32.6	97.8		





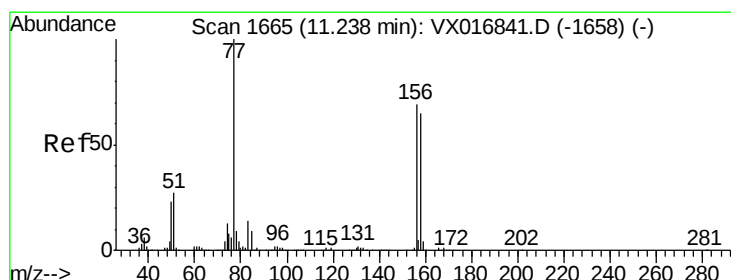
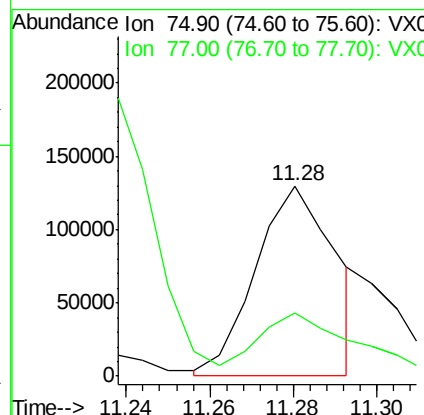
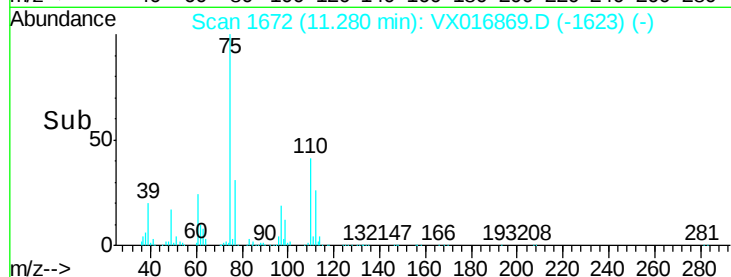
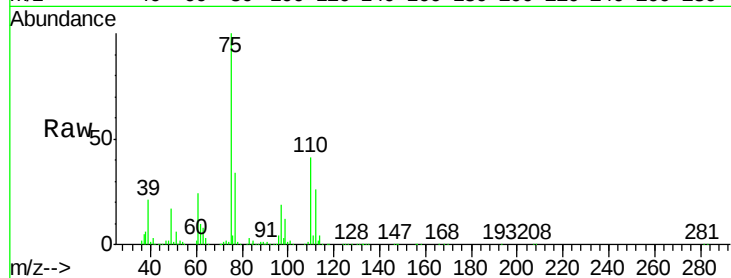
#76
1,2,3-Trichloropropane
Concen: 55.468 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. 0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion: 75 Resp: 173003
Ion Ratio Lower Upper
75 100
77 41.1 20.5 61.5

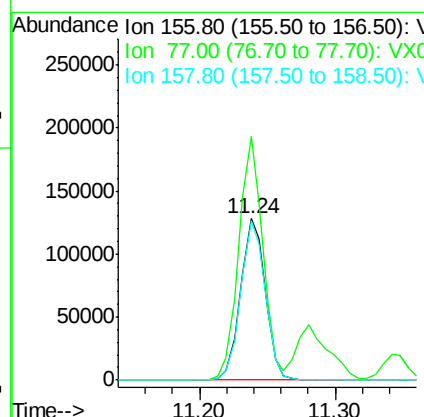
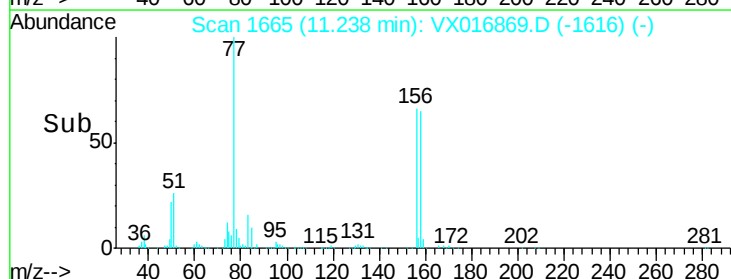
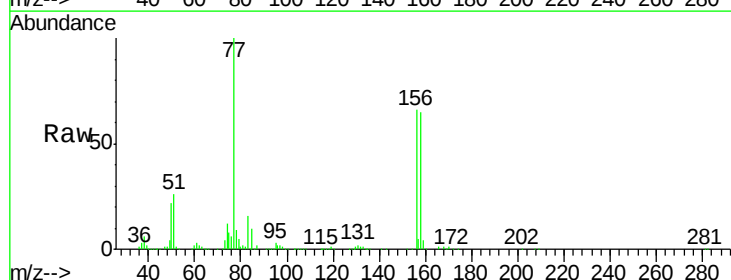
Manual Integrations
APPROVED

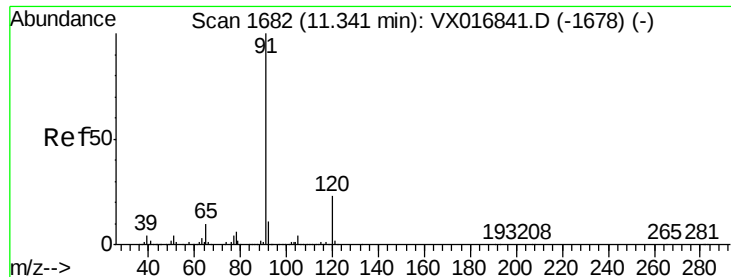
MMDadoda
6/19/2020 12:50:52 PM



#77
Bromobenzene
Concen: 53.777 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 156 Resp: 161265
Ion Ratio Lower Upper
156 100
77 147.4 73.4 220.2
158 98.2 48.8 146.3





#78

n-propylbenzene

Concen: 54.092 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 91 Resp: 663788

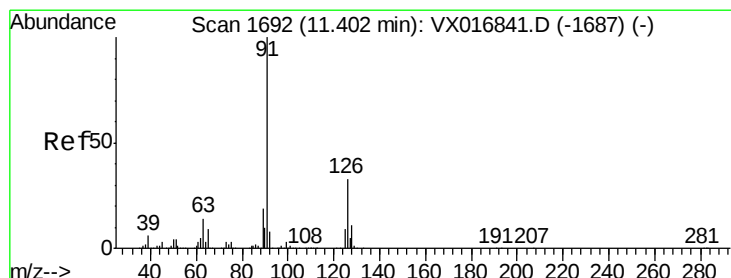
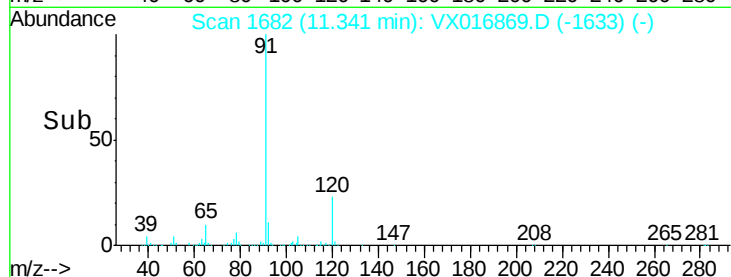
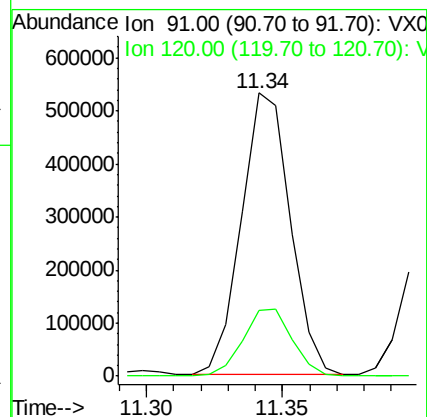
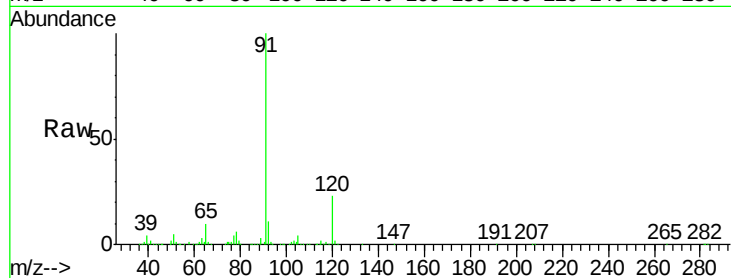
Ion Ratio Lower Upper

91 100

120 24.1 11.9 35.5

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#79

2-Chlorotoluene

Concen: 53.765 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016869.D

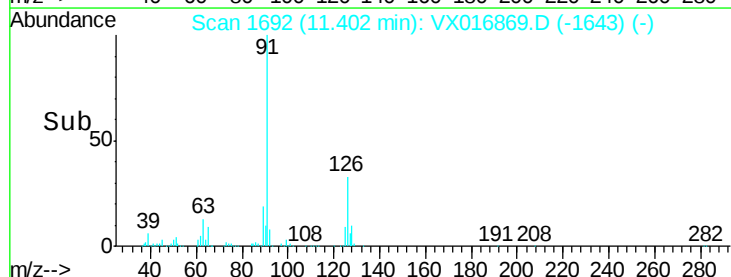
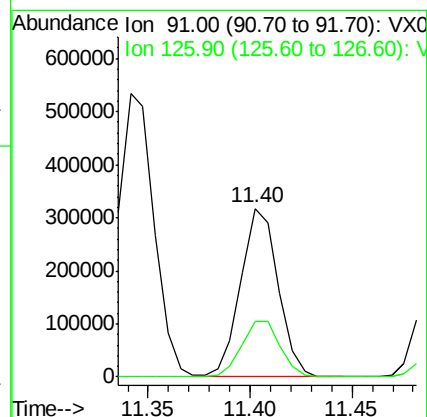
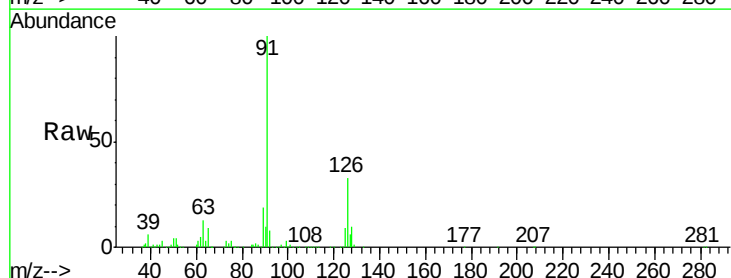
Acq: 19 Jun 2020 03:41

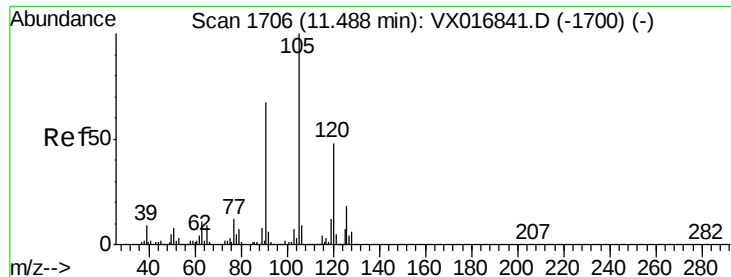
Tgt Ion: 91 Resp: 403672

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5





#80

1,3,5-Trimethylbenzene

Concen: 53.847 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion:105 Resp: 510854

Ion Ratio Lower Upper

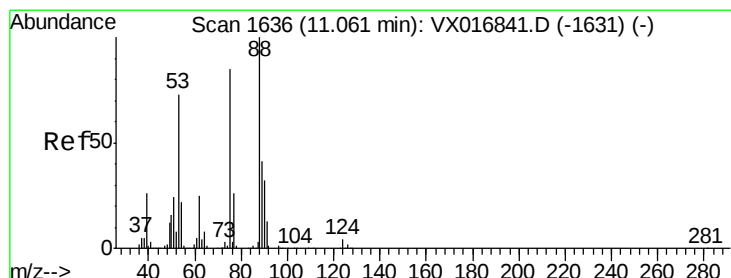
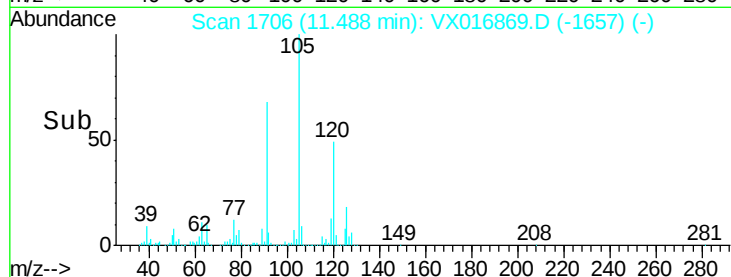
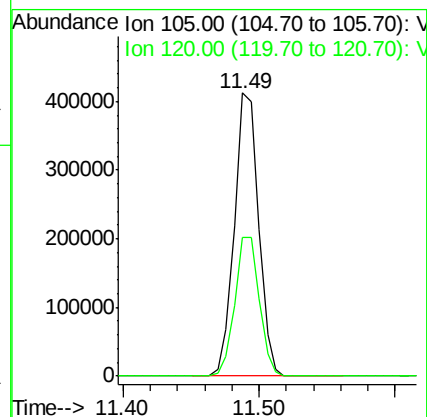
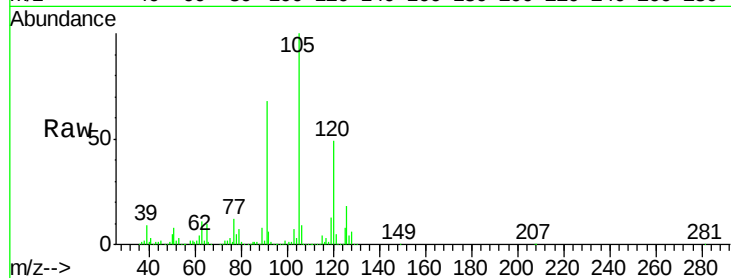
105 100

120 49.8 24.6 74.0

Manual Integrations
APPROVED

MMDadoda

6/19/2020 12:50:52 PM



#81

trans-1,4-Dichloro-2-butene

Concen: 52.475 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

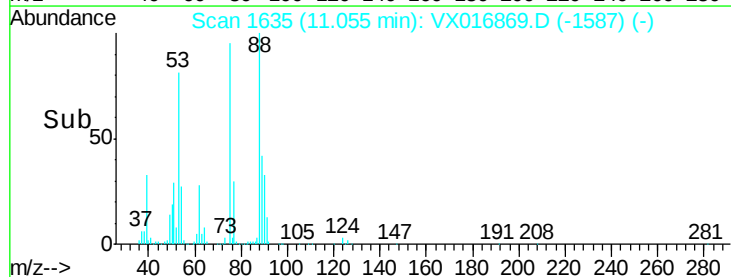
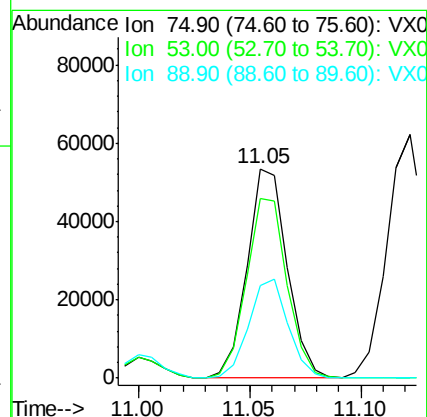
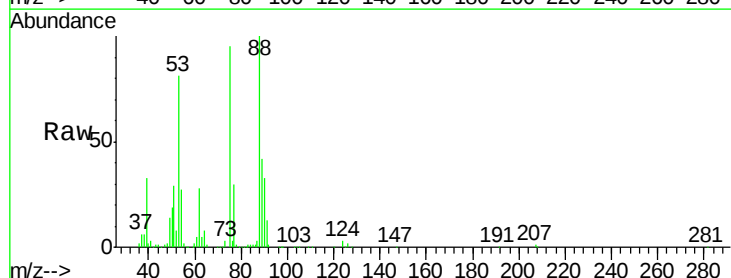
Tgt Ion: 75 Resp: 66835

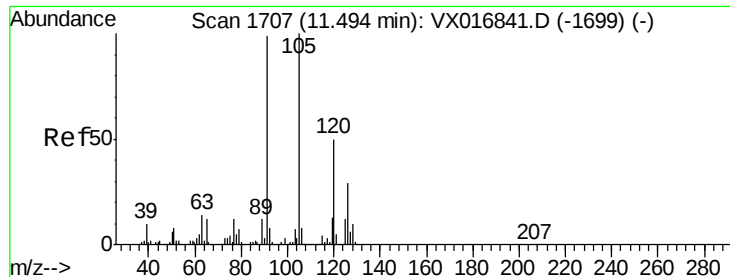
Ion Ratio Lower Upper

75 100

53 87.5 69.8 104.8

89 46.7 38.3 57.5





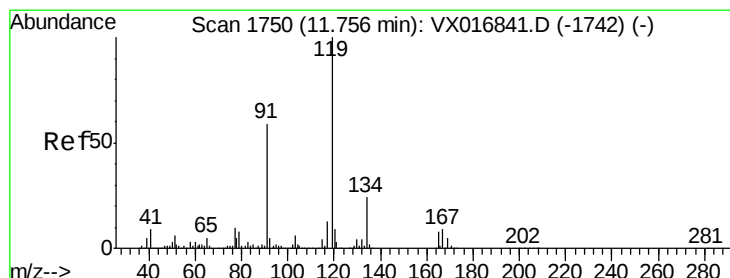
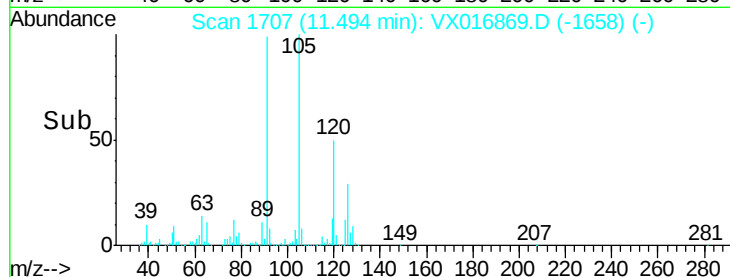
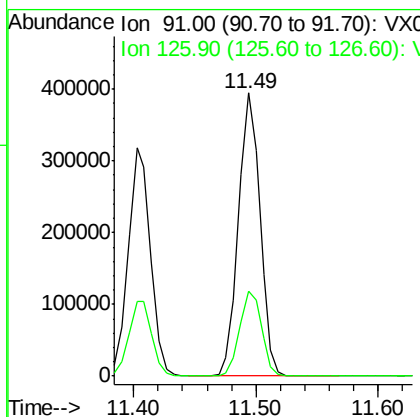
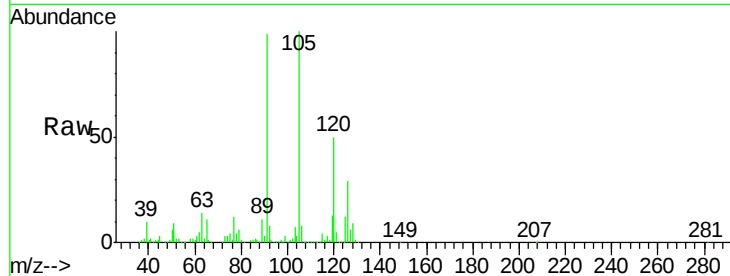
#82
4-Chlorotoluene
Concen: 53.283 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion: 91 Resp: 479947
Ion Ratio Lower Upper
91 100
126 30.4 15.0 45.0

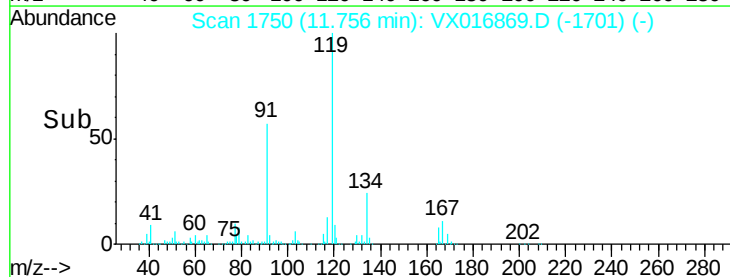
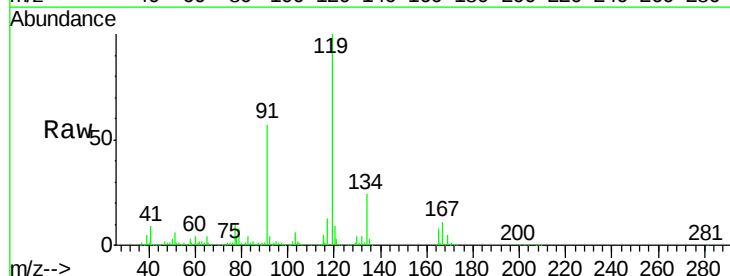
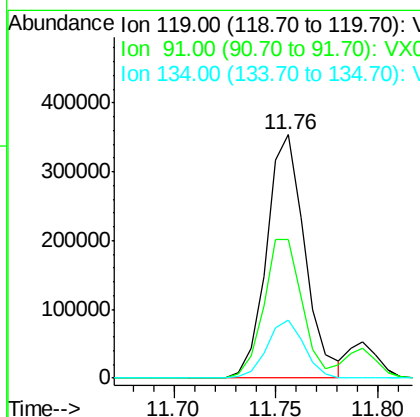
Manual Integrations
APPROVED

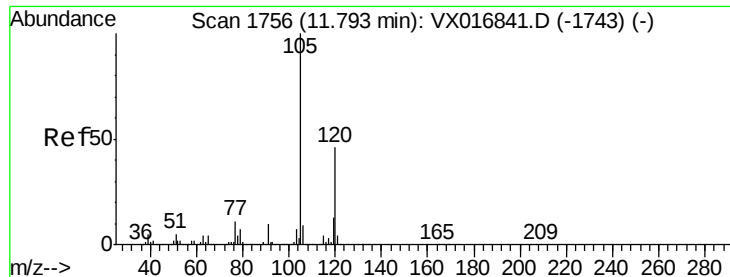
MMDadoda
6/19/2020 12:50:52 PM



#83
tert-Butylbenzene
Concen: 49.077 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion: 119 Resp: 460674
Ion Ratio Lower Upper
119 100
91 57.3 28.5 85.5
134 23.2 11.7 35.1





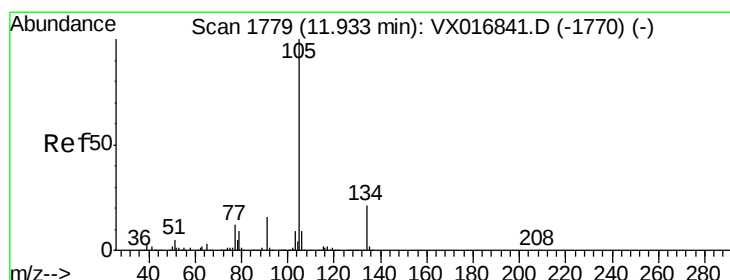
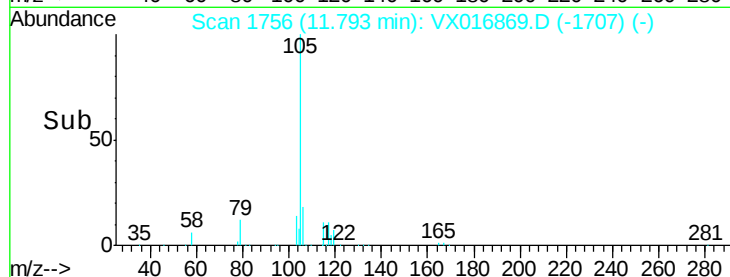
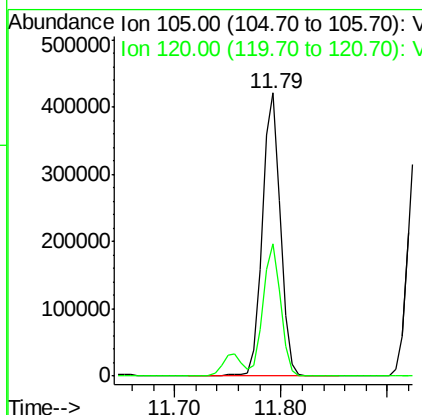
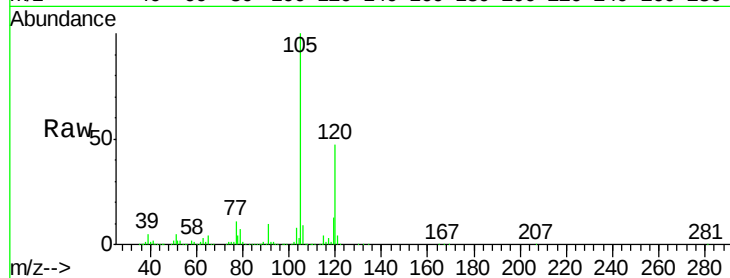
#84
1,2,4-Trimethylbenzene
Concen: 51.054 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.8	22.3	66.9

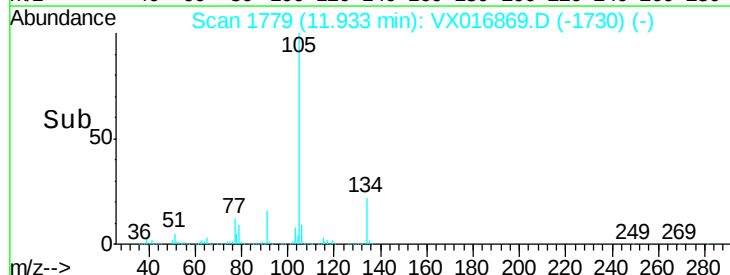
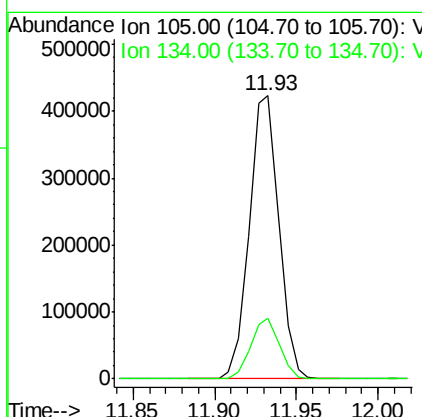
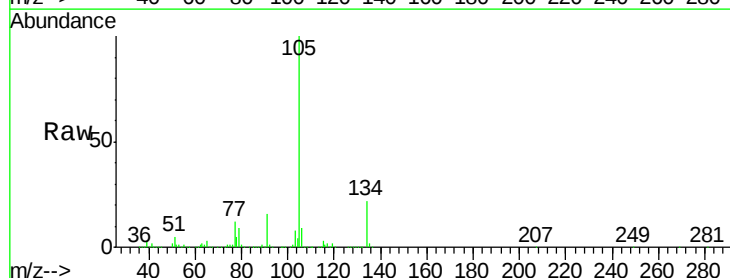
Manual Integrations
APPROVED

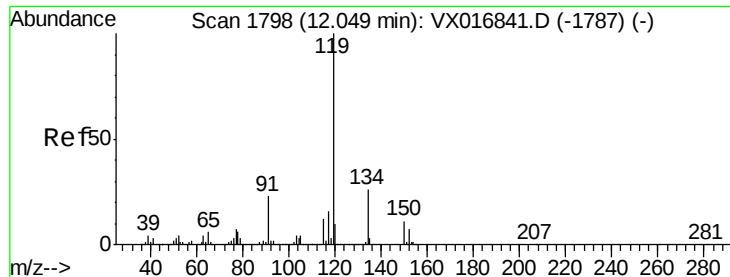
MMDadoda
6/19/2020 12:50:52 PM



#85
sec-Butylbenzene
Concen: 49.071 ug/l
RT: 11.93 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.8	10.4	31.2





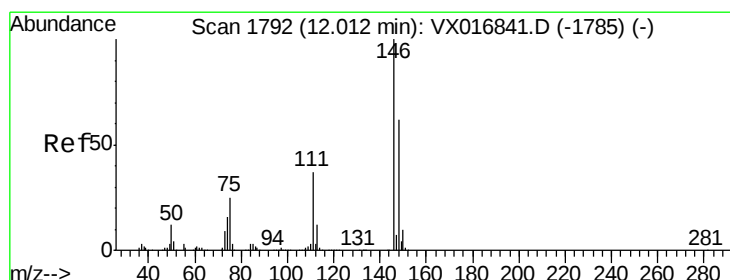
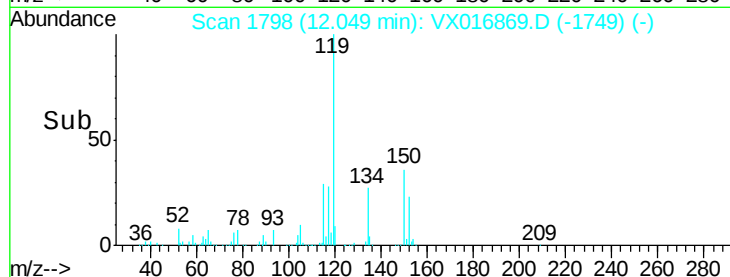
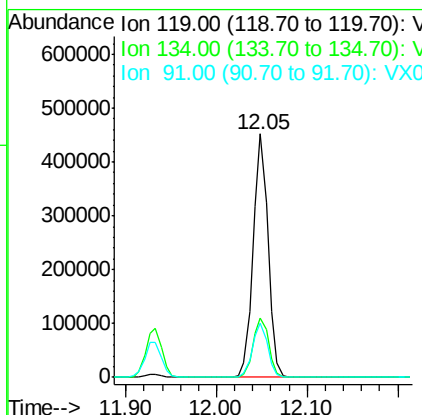
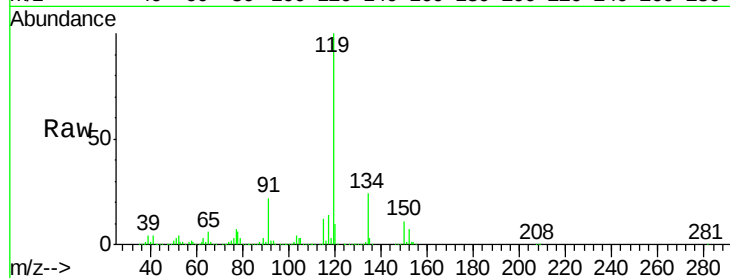
#86
p-Isopropyltoluene
Concen: 51.301 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	512418		
134	25.7		12.9	38.7
91	23.1		11.6	34.8

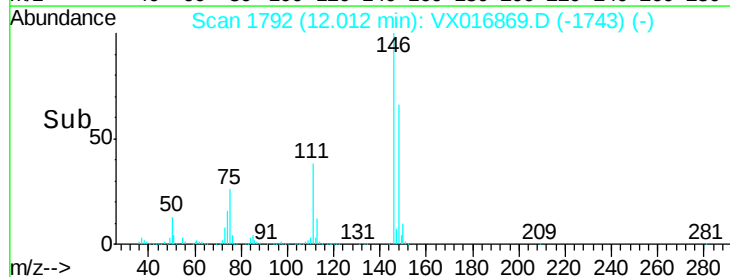
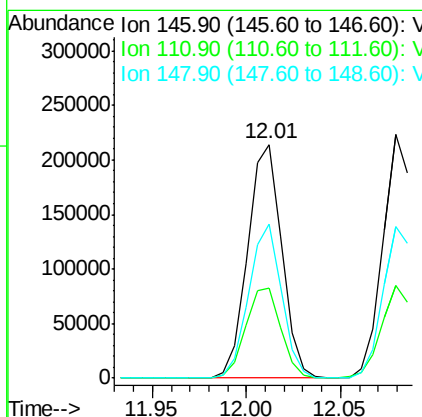
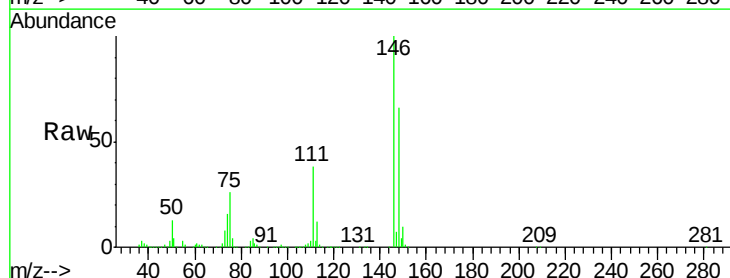
Manual Integrations
APPROVED

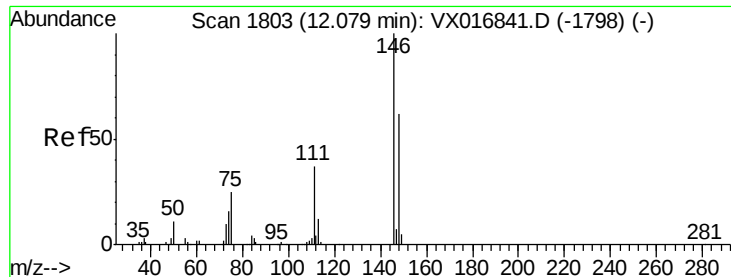
MMDadoda
6/19/2020 12:50:52 PM



#87
1,3-Dichlorobenzene
Concen: 48.982 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	268356		
111	39.8		19.4	58.2
148	63.7		31.8	95.3





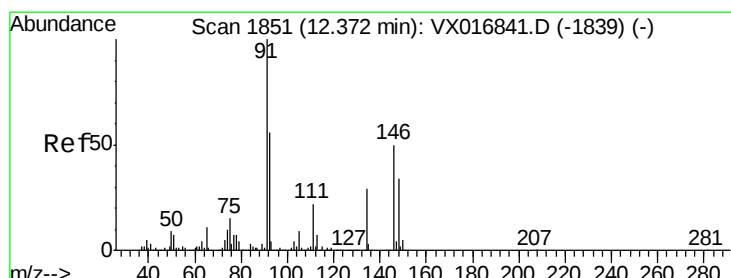
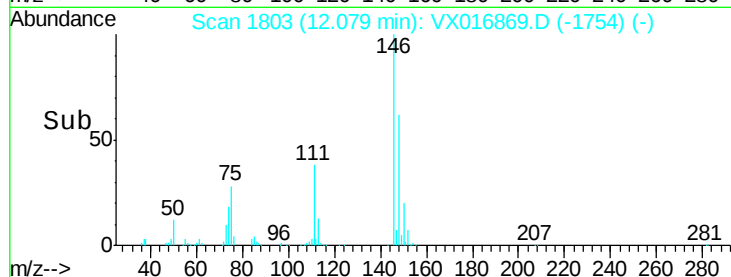
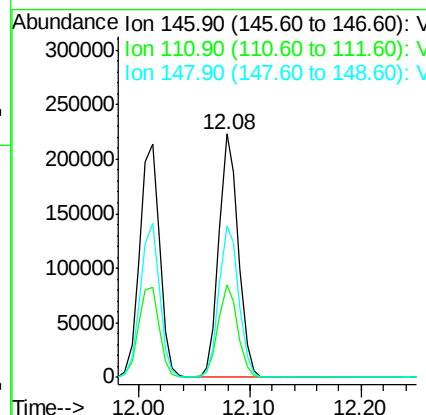
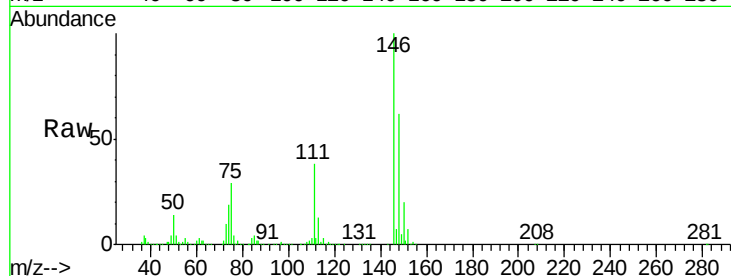
#88
 1,4-Dichlorobenzene
 Concen: 48.814 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Instrument :
 MSVOA_X
 ClientSampled :
 MW-23MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.0	57.0
148	63.2	31.6	95.0

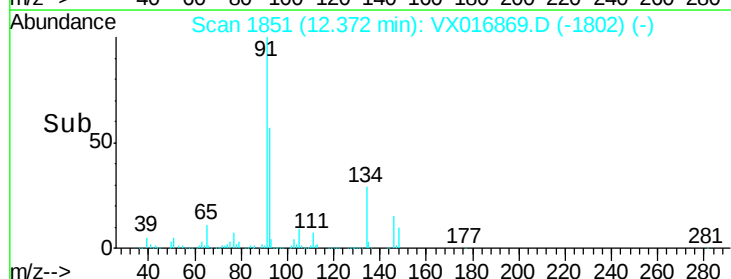
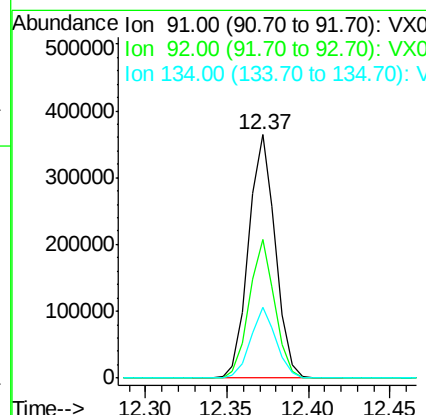
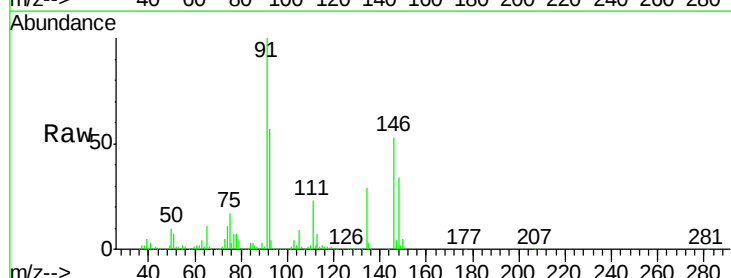
Manual Integrations
 APPROVED

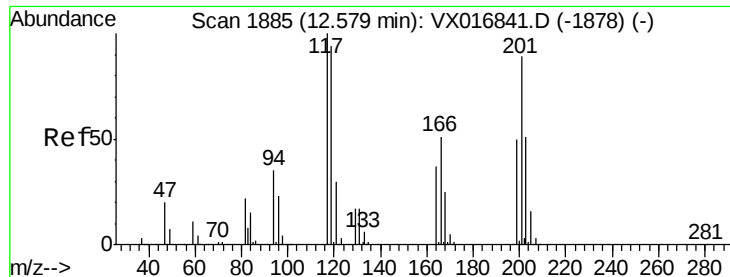
MMDadoda
 6/19/2020 12:50:52 PM



#89
 n-Butylbenzene
 Concen: 48.428 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.4	82.2
134	27.6	13.9	41.6





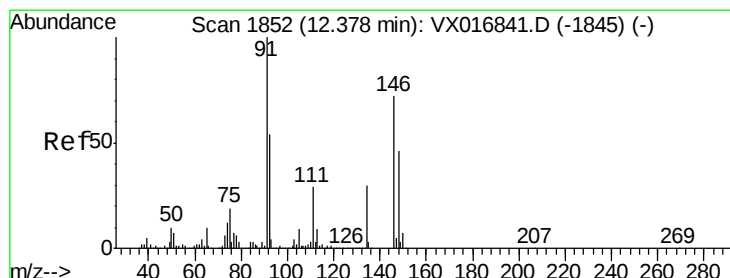
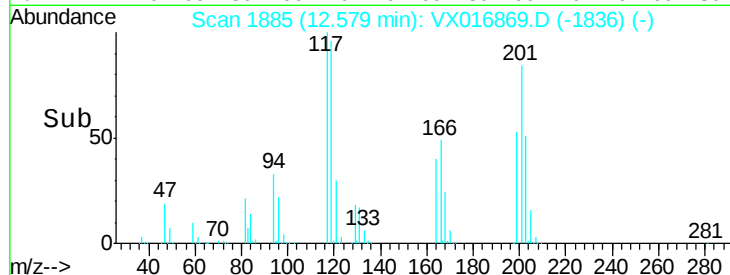
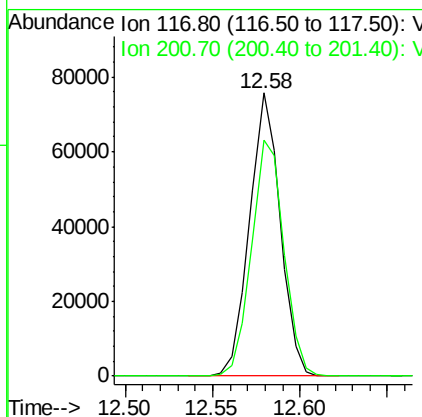
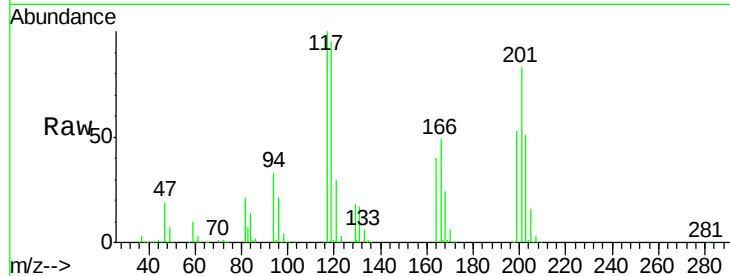
#90
Hexachloroethane
Concen: 51.455 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Instrument :
MSVOA_X
ClientSampleId :
MW-23MSD

Tot Ion:117 Resp: 92581
Ion Ratio Lower Upper
117 100
201 87.7 44.9 134.5

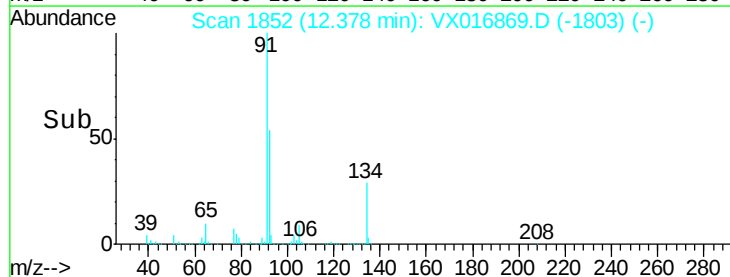
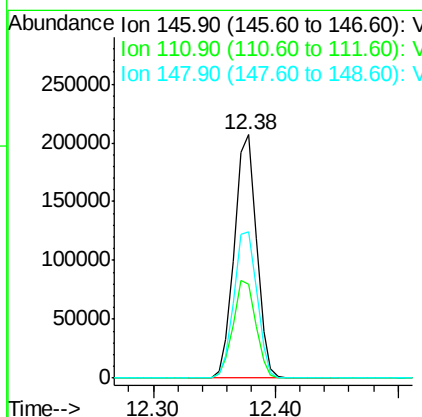
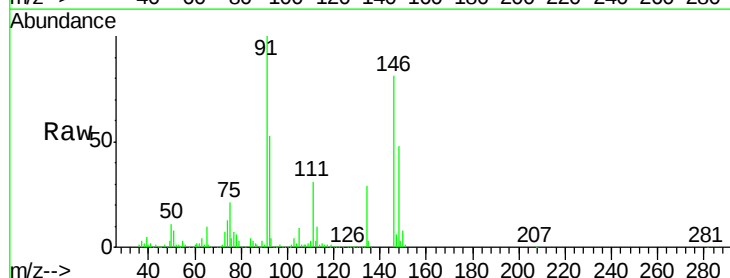
Manual Integrations
APPROVED

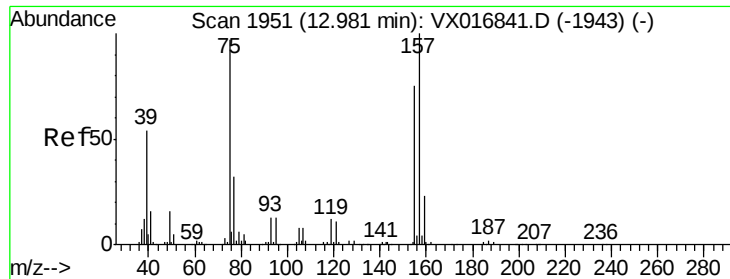
MMDadoda
6/19/2020 12:50:52 PM



#91
1,2-Dichlorobenzene
Concen: 48.821 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016869.D
Acq: 19 Jun 2020 03:41

Tgt Ion:146 Resp: 258212
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.7
148 62.8 32.9 98.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 56.093 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

ClientSampleId :

MW-23MSD

Tot Ion: 75 Resp: 41295

Ion Ratio Lower Upper

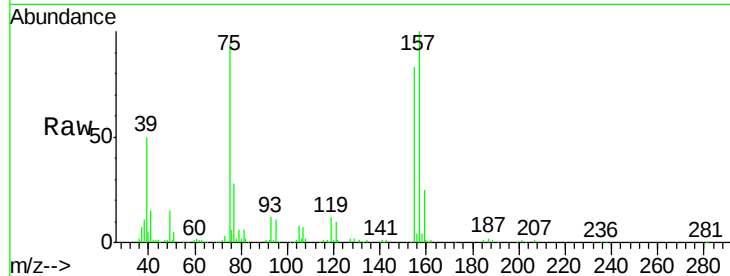
75 100

155 96.5 46.4 139.1

157 120.5 58.6 175.8

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



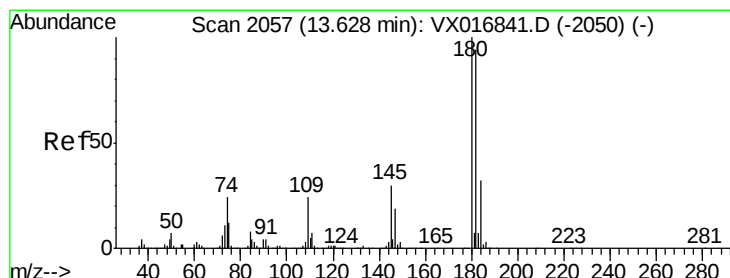
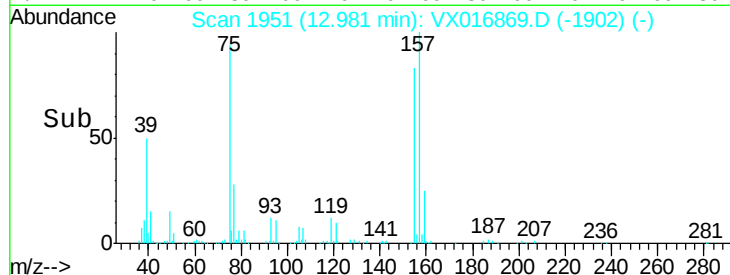
Abundance Ion 74.90 (74.60 to 75.60): VX016841.D (-1943) (-)

Ion 154.80 (154.50 to 155.50): VX016841.D (-1943) (-)

Ion 156.80 (156.50 to 157.50): VX016841.D (-1943) (-)

12.98

Time-->



#93

1,2,4-Trichlorobenzene

Concen: 54.491 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

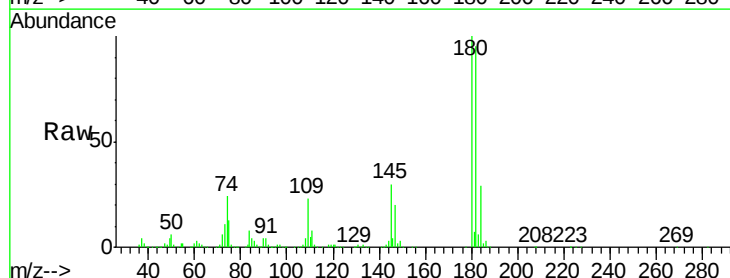
Tgt Ion: 180 Resp: 193529

Ion Ratio Lower Upper

180 100

182 95.6 47.7 143.1

145 30.6 15.0 45.1



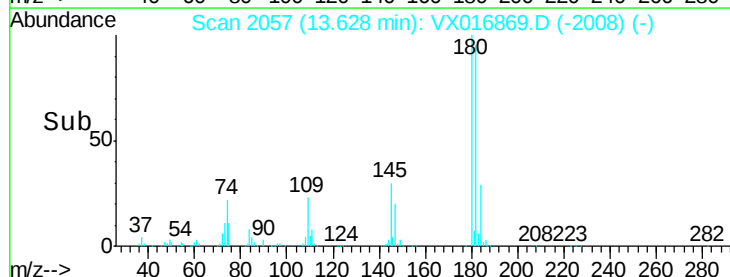
Abundance Ion 179.80 (179.50 to 180.50): VX016841.D (-2050) (-)

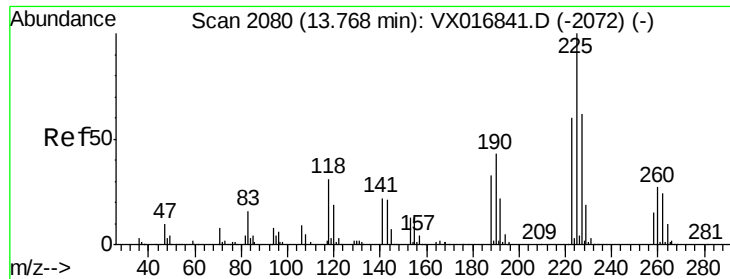
Ion 181.80 (181.50 to 182.50): VX016841.D (-2050) (-)

Ion 144.80 (144.50 to 145.50): VX016841.D (-2050) (-)

13.63

Time-->





#94

Hexachlorobutadiene

Concen: 49.177 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Instrument :

MSVOA_X

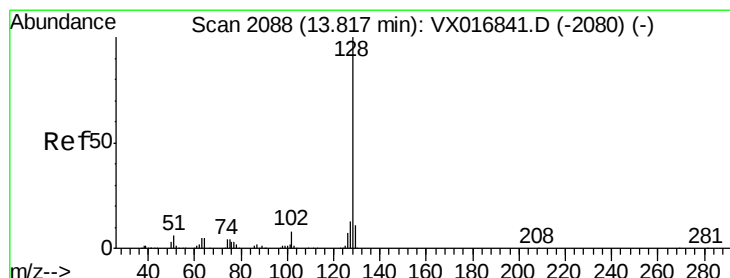
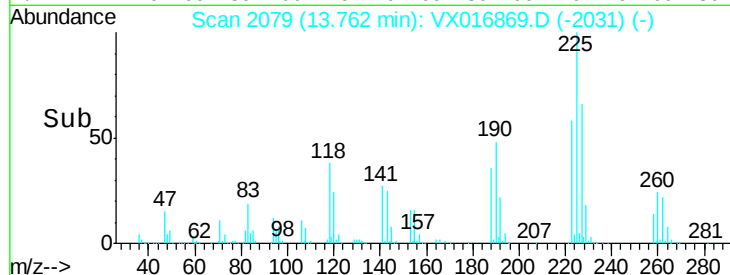
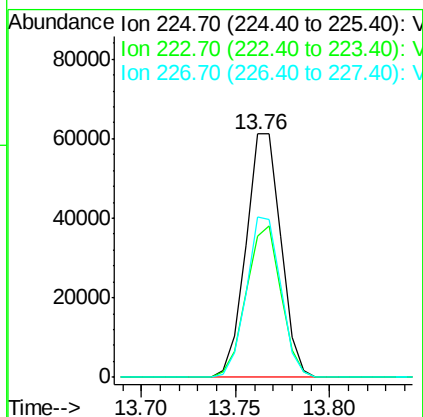
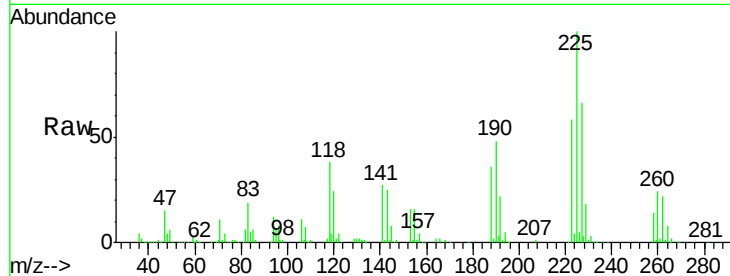
ClientSampleId :

MW-23MSD

Tot Ion:	225	Resp:	78813
Ion Ratio	Lower	Upper	
225	100		
223	61.9	32.1	96.5
227	64.6	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
6/19/2020 12:50:52 PM



#95

Naphthalene

Concen: 60.182 ug/l

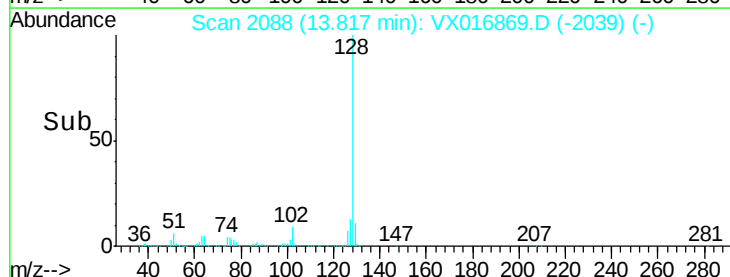
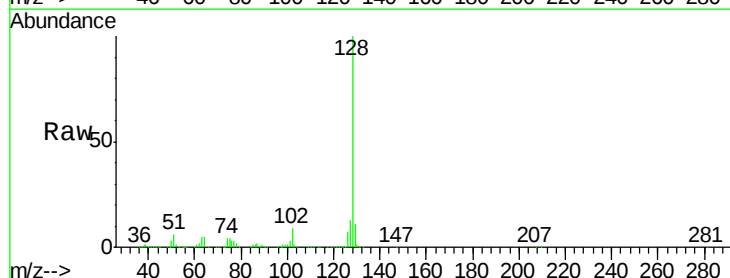
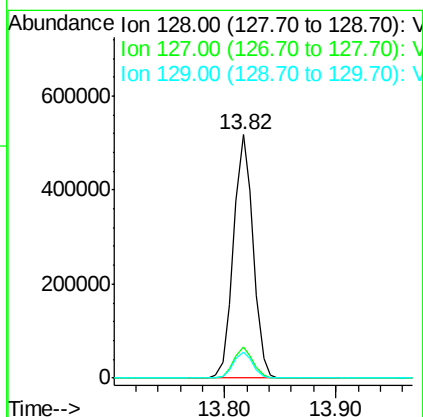
RT: 13.82 min Scan# 2088

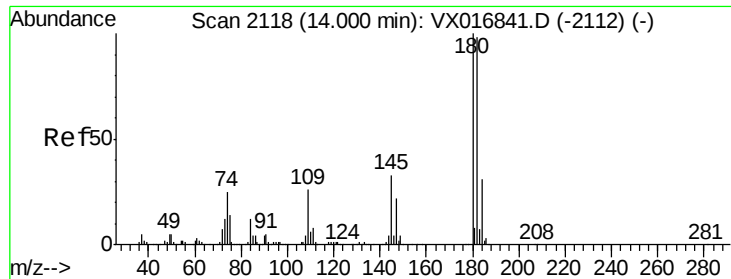
Delta R.T. -0.00 min

Lab File: VX016869.D

Acq: 19 Jun 2020 03:41

Tgt Ion:	128	Resp:	627513
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.4	15.6
129	10.7	8.6	13.0





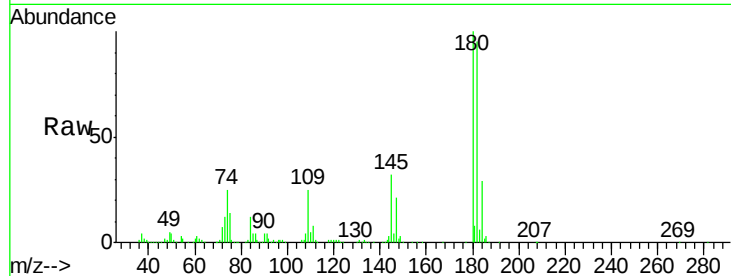
#96
 1,2,3-Trichlorobenzene
 Concen: 56.330 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VX016869.D
 Acq: 19 Jun 2020 03:41

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	95.7	47.4	142.3
145	32.0	16.0	48.0

Manual Integrations
 APPROVED

MMDadoda
 6/19/2020 12:50:52 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

