

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017241.D
 Acq On : 08 Jul 2020 06:39
 Operator : JC/SP
 Sample : L3232-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:07 AM

Quant Time: Jul 08 07:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	381377	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	370137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	207249	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	154862	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
35) Dibromofluoromethane	5.46	113	124919	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
50) Toluene-d8	8.70	98	447900	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.12	95	184018	52.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	118715	48.428	ug/l	100
3) Chloromethane	1.31	50	123565	41.643	ug/l	100
4) Vinyl Chloride	1.39	62	137153	49.819	ug/l	99
5) Bromomethane	1.62	94	70051	48.161	ug/l	100
6) Chloroethane	1.70	64	83150	51.139	ug/l	100
7) Trichlorofluoromethane	1.91	101	226494	55.627	ug/l	99
8) Diethyl Ether	2.17	74	77765	56.714	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	125174	51.294	ug/l	96
10) Methyl Iodide	2.49	142	127911	40.621	ug/l	99
11) Tert butyl alcohol	3.02	59	172019	288.661	ug/l	99
12) 1,1-Dichloroethene	2.35	96	125184	49.936	ug/l	97
13) Acrolein	2.27	56	115444	324.072	ug/l	96
14) Allyl chloride	2.70	41	210271	45.386	ug/l	97
15) Acrylonitrile	3.12	53	374996	261.765	ug/l	100
16) Acetone	2.42	43	334680	286.402	ug/l	97
17) Carbon Disulfide	2.55	76	335298	47.931	ug/l	100
18) Methyl Acetate	2.75	43	144155	47.255	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	452008	53.723	ug/l	99
20) Methylene Chloride	2.84	84	139992	52.270	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	144226	51.842	ug/l	99
22) Diisopropyl ether	3.82	45	437268	50.994	ug/l	98
23) Vinyl Acetate	3.79	43	1611146	218.655	ug/l	100
24) 1,1-Dichloroethane	3.67	63	246963	50.617	ug/l	99
25) 2-Butanone	4.63	43	521218	267.684	ug/l	100
26) 2,2-Dichloropropane	4.55	77	149360	34.477	ug/l	89
27) cis-1,2-Dichloroethene	4.56	96	316249	100.326	ug/l	93
28) Bromochloromethane	4.98	49	111205	46.838	ug/l	94
29) Tetrahydrofuran	5.09	42	336786	261.782	ug/l	99
30) Chloroform	5.18	83	263226	52.629	ug/l	97
31) Cyclohexane	5.55	56	202178	47.940	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	244387	53.056	ug/l	99
36) 1,1-Dichloropropene	5.77	75	187887	52.126	ug/l	99
37) Ethyl Acetate	4.79	43	172610	47.198	ug/l	99
38) Carbon Tetrachloride	5.76	117	224271	56.490	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017241.D
 Acq On : 08 Jul 2020 06:39
 Operator : JC/SP
 Sample : L3232-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:07 AM

Quant Time: Jul 08 07:21:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	200454	49.983	ug/l	98
40) Benzene	6.11	78	557604	52.651	ug/l	100
41) Methacrylonitrile	5.01	41	112692	54.749	ug/l	99
42) 1,2-Dichloroethane	6.16	62	215798	56.412	ug/l	99
43) Isopropyl Acetate	6.42	43	293351	48.272	ug/l	99
44) Trichloroethene	7.19	130	354412	121.716	ug/l	99
45) 1,2-Dichloropropane	7.49	63	144314	53.055	ug/l	99
46) Dibromomethane	7.64	93	102425	55.154	ug/l	97
47) Bromodichloromethane	7.88	83	216810	56.652	ug/l	97
48) Methyl methacrylate	7.74	41	161462	55.923	ug/l	98
49) 1,4-Dioxane	7.71	88	79986	1222.865	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1018230	281.081	ug/l	100
52) Toluene	8.76	92	358038	54.149	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	215395	51.011	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	223961	49.477	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	153519	56.827	ug/l	97
56) Ethyl methacrylate	9.16	69	217440	56.549	ug/l	99
57) 1,3-Dichloropropane	9.35	76	252725	55.286	ug/l	99
59) 2-Hexanone	9.48	43	789145	298.278	ug/l	100
60) Dibromochloromethane	9.57	129	186379	59.399	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164081	56.504	ug/l	100
64) Tetrachloroethene	9.32	164	596525	199.691	ug/l	98
65) Chlorobenzene	10.12	112	400722	52.455	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	162101	55.059	ug/l	99
67) Ethyl Benzene	10.23	91	685916	53.764	ug/l	99
68) m/p-Xylenes	10.34	106	540248	110.286	ug/l	98
69) o-Xylene	10.68	106	255657	54.861	ug/l	99
70) Stvrene	10.69	104	457912	57.704	ug/l	99
71) Bromoform	10.84	173	146788	62.873	ug/l #	99
73) Isopropylbenzene	11.00	105	701938	51.708	ug/l	99
74) N-amyl acetate	10.88	43	253056	43.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	220708	51.687	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	209270m	51.349	ug/l	
77) Bromobenzene	11.24	156	194048	52.011	ug/l	97
78) n-propylbenzene	11.34	91	803177	52.321	ug/l	99
79) 2-Chlorotoluene	11.40	91	486282	52.341	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	604172	53.656	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	71182	45.231	ug/l	96
82) 4-Chlorotoluene	11.49	91	587450	52.893	ug/l	99
83) tert-Butylbenzene	11.76	119	600768	54.351	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	623312	54.564	ug/l	99
85) sec-Butylbenzene	11.93	105	673381	51.826	ug/l	99
86) p-Isopropyltoluene	12.05	119	648885	53.646	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	352735	52.056	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	350001	54.790	ug/l	99
89) n-Butylbenzene	12.37	91	533554	49.402	ug/l	100
90) Hexachloroethane	12.58	117	124511	52.200	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	336392	53.110	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52934	51.964	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	219980	50.884	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070720\
Data File : VX017241.D
Acq On : 08 Jul 2020 06:39
Operator : JC/SP
Sample : L3232-04MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 55 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

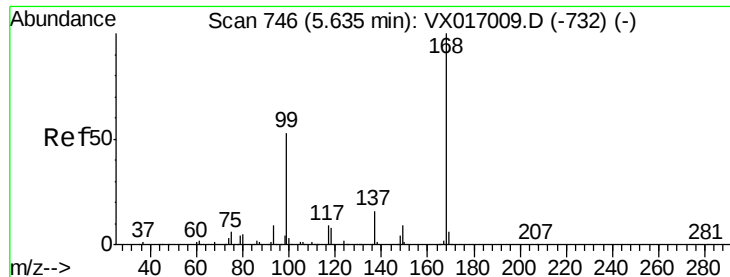
Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM

Quant Time: Jul 08 07:21:42 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 17:10:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.76	225	83563	50.915	ug/l	98
95) Naphthalene	13.82	128	716166	54.490	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	217545	51.997	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion:168 Resp: 253387

Ion Ratio Lower Upper

168 100

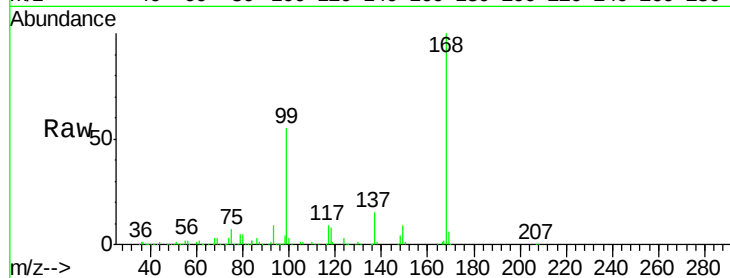
99 54.6 42.6 64.0

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

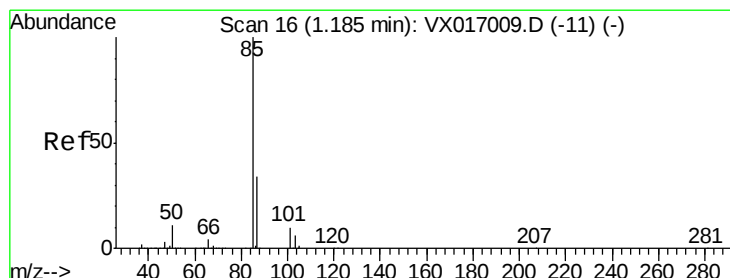
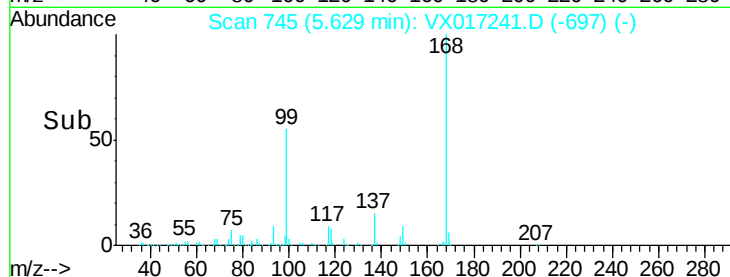
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.428 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017241.D

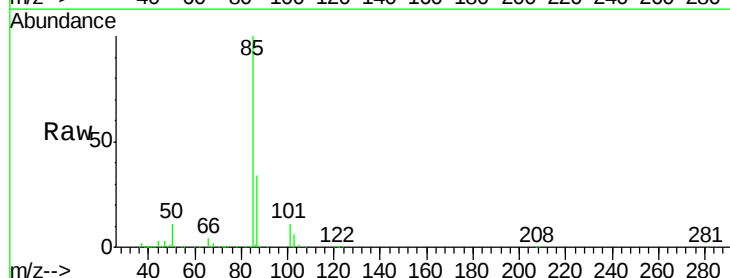
Acq: 08 Jul 2020 06:39

Tgt Ion: 85 Resp: 118715

Ion Ratio Lower Upper

85 100

87 33.7 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

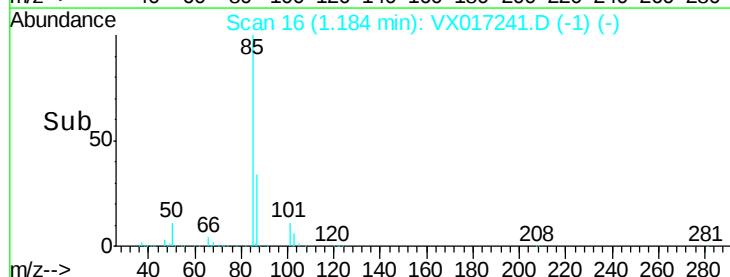
150000

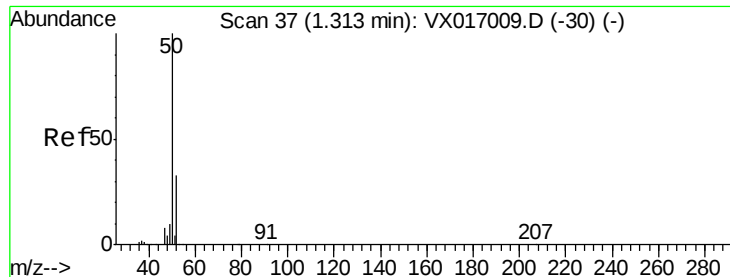
100000

50000

0

Time-->





#3

Chloromethane

Concen: 41.643 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 50 Resp: 123565

Ion Ratio Lower Upper

50 100

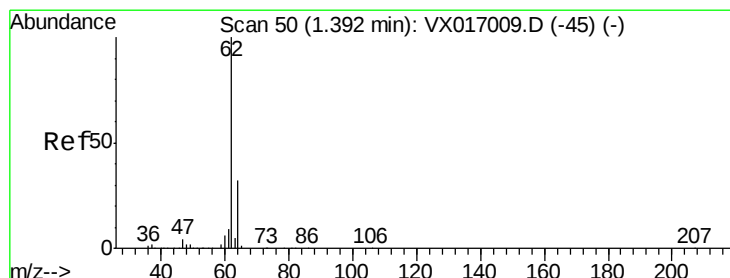
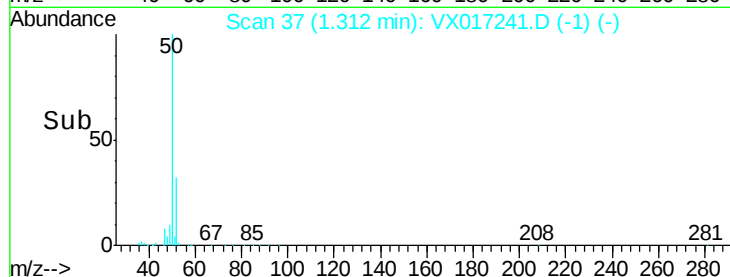
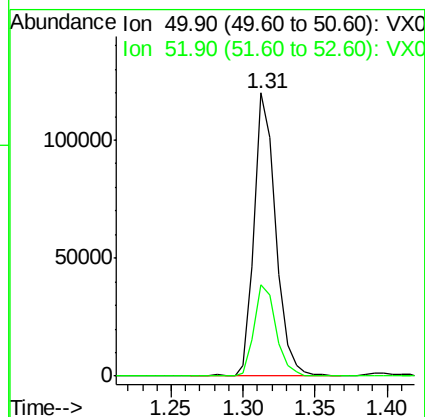
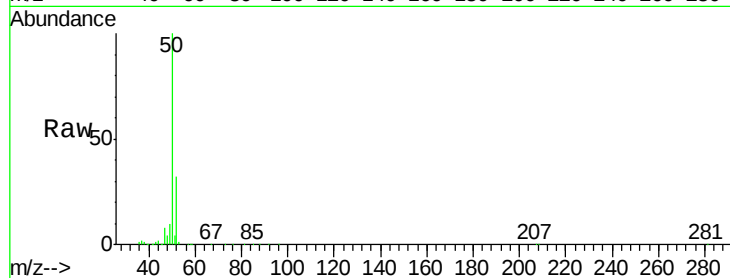
52 32.3 26.1 39.1

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:07 AM



#4

Vinyl Chloride

Concen: 49.819 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017241.D

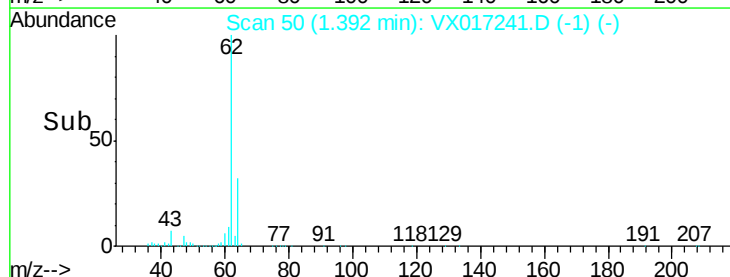
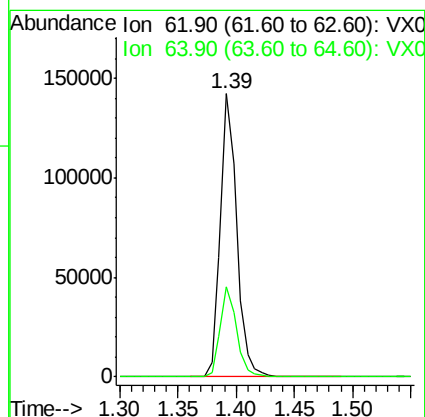
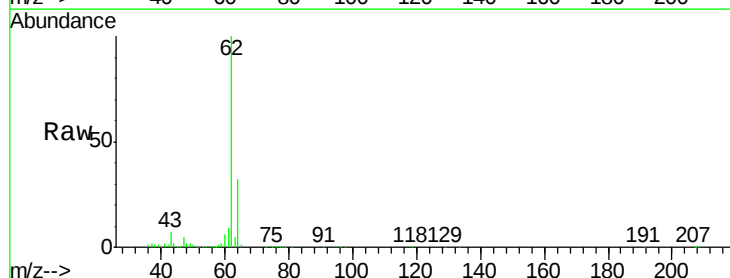
Acq: 08 Jul 2020 06:39

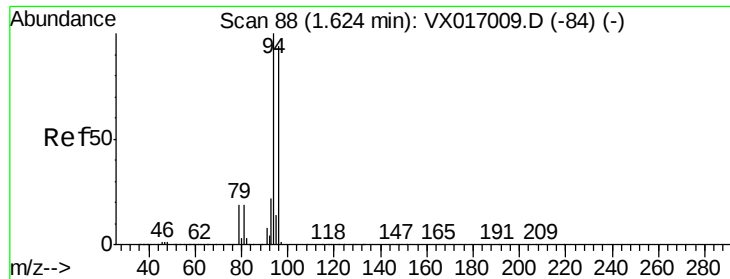
Tgt Ion: 62 Resp: 137153

Ion Ratio Lower Upper

62 100

64 31.6 25.9 38.9





#5

Bromomethane

Concen: 48.161 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 94 Resp: 70051

Ion Ratio Lower Upper

94 100

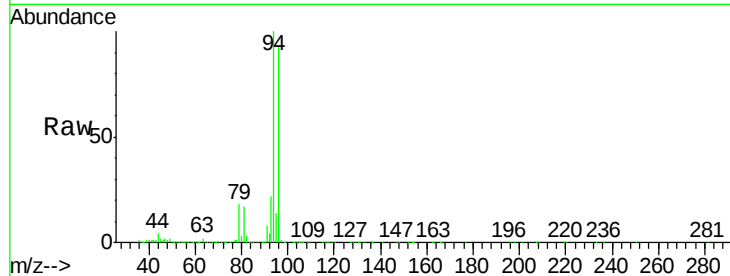
96 93.3 75.0 112.4

Manual Integrations

APPROVED

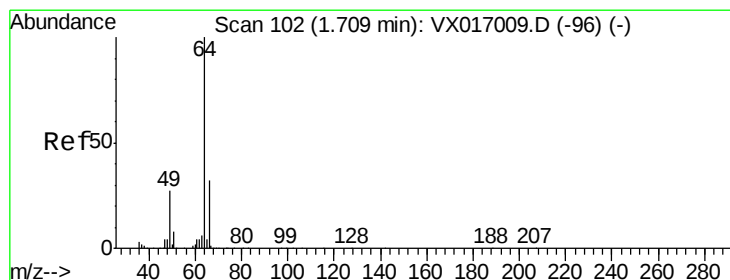
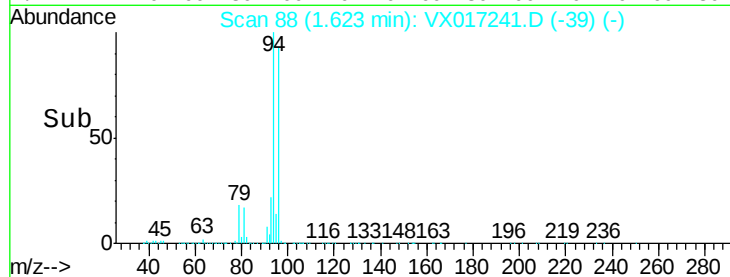
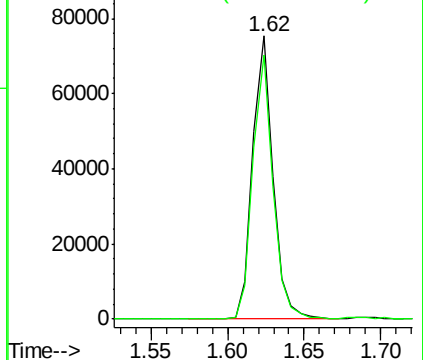
MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 51.139 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX017241.D

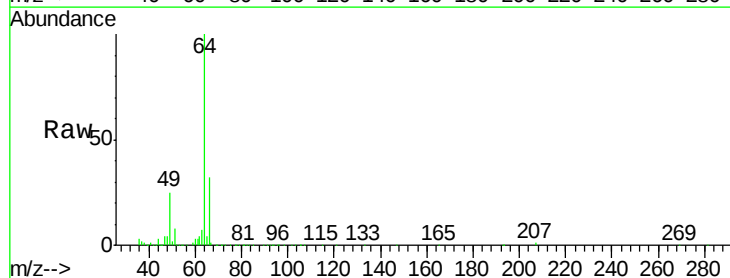
Acq: 08 Jul 2020 06:39

Tgt Ion: 64 Resp: 83150

Ion Ratio Lower Upper

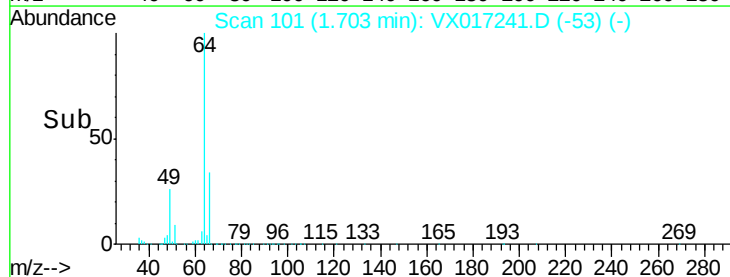
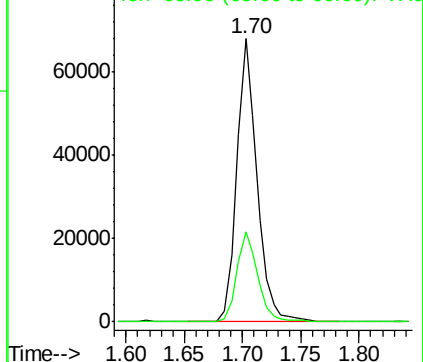
64 100

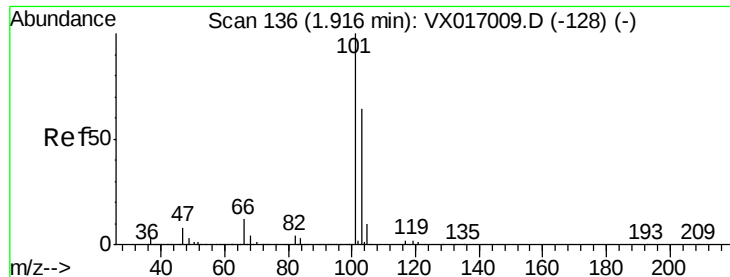
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

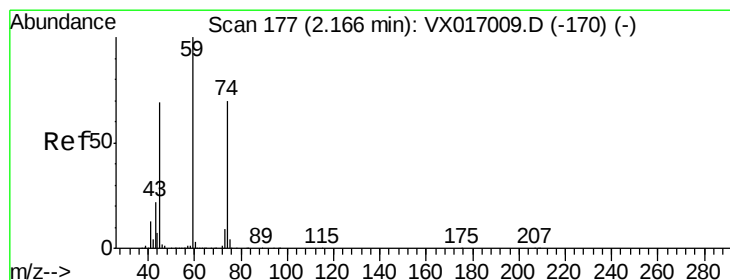
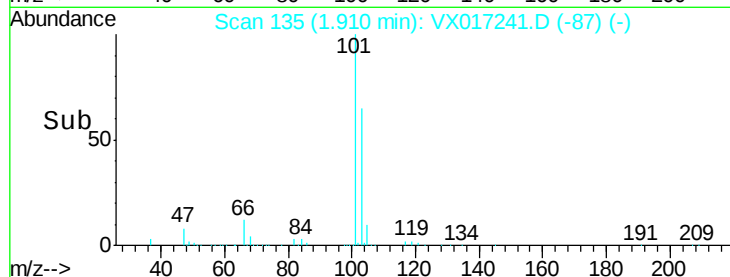
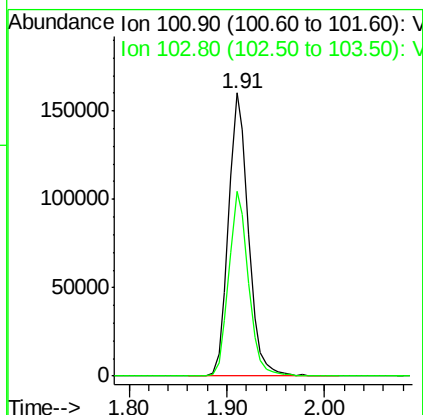
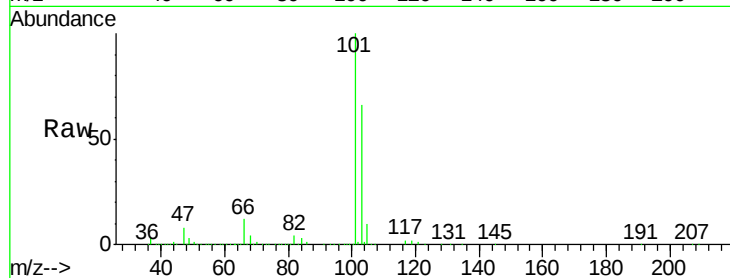
Trichlorofluoromethane
 Concen: 55.627 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	51.5	77.3

Manual Integrations
 APPROVED

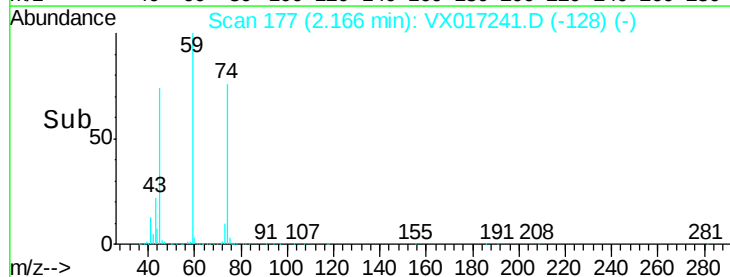
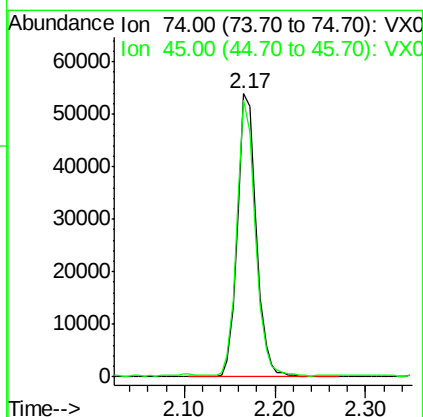
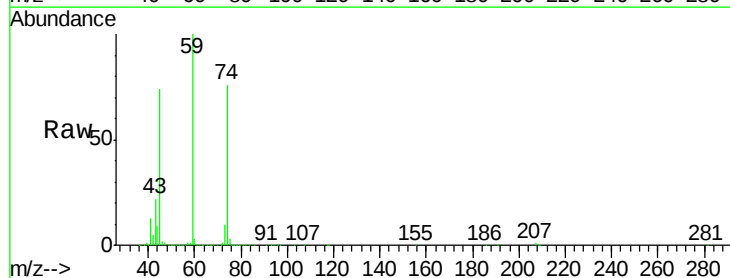
MMDadoda
 7/8/2020 9:32:07 AM

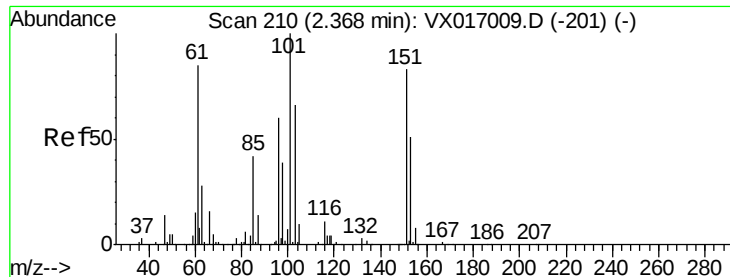


#8

Diethyl Ether
 Concen: 56.714 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.4	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.294 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

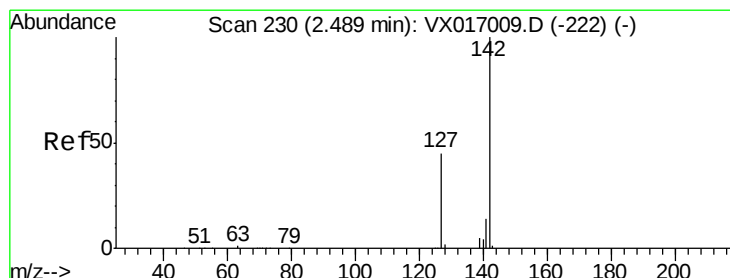
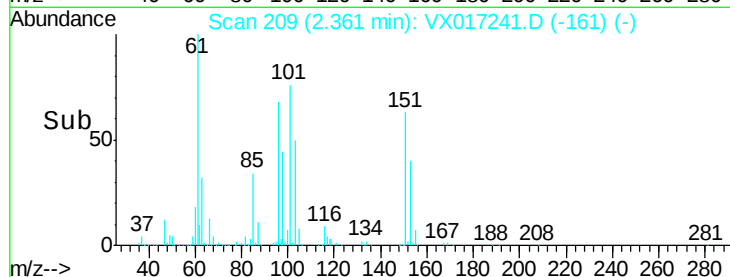
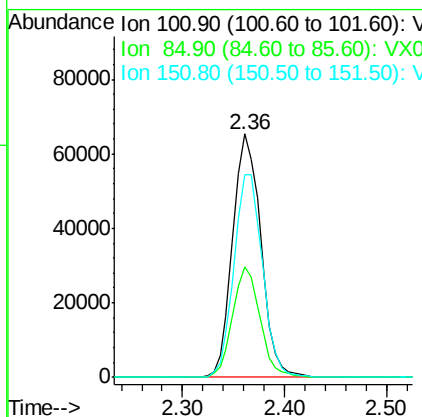
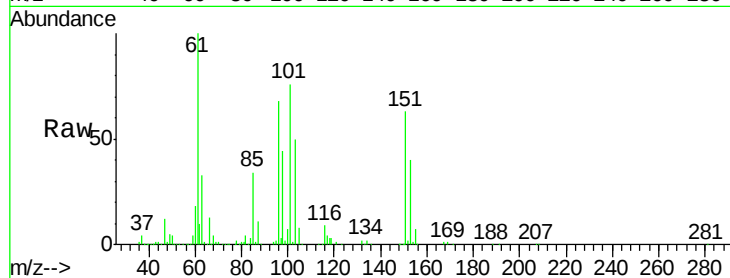
ClientSampleId :

1004-MW-02MSD

Tot Ion:	101	Resp:	125174
Ion Ratio	Lower	Upper	
101	100		
85	44.0	33.5	50.3
151	84.2	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#10

Methyl Iodide

Concen: 40.621 ug/l

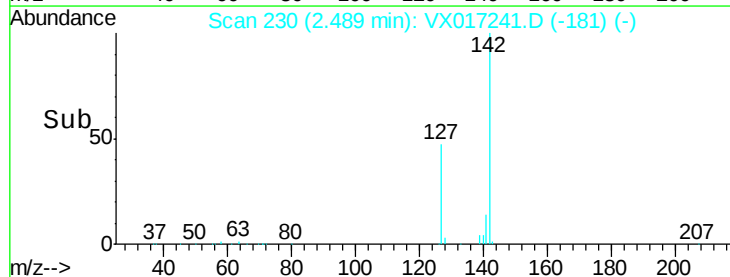
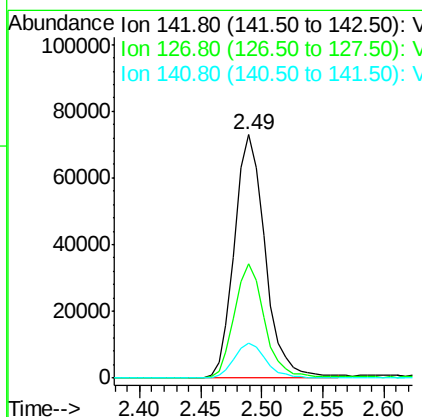
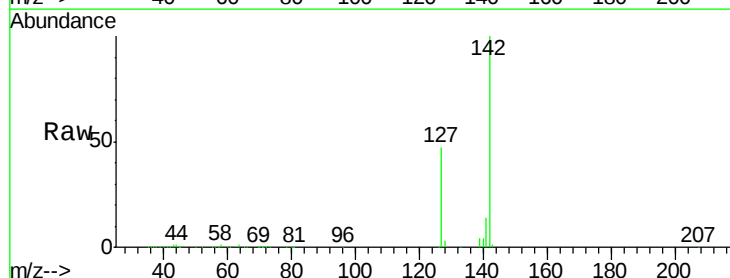
RT: 2.49 min Scan# 230

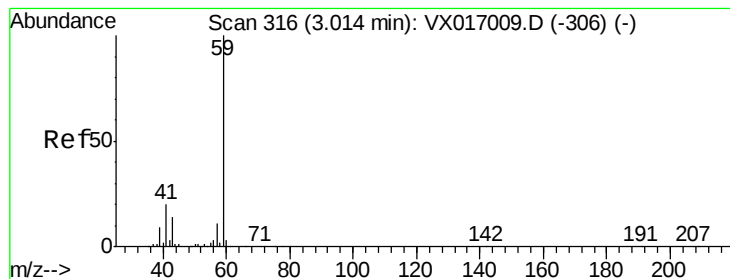
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	142	Resp:	127911
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.6	54.8
141	14.7	11.6	17.4





#11

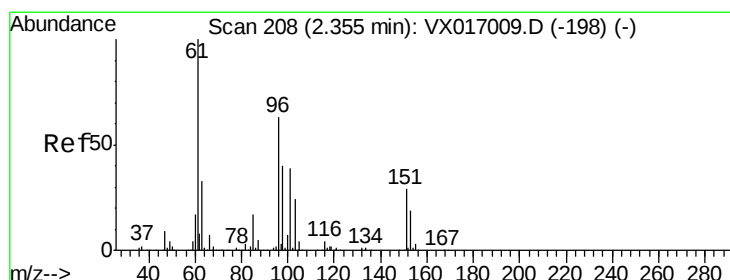
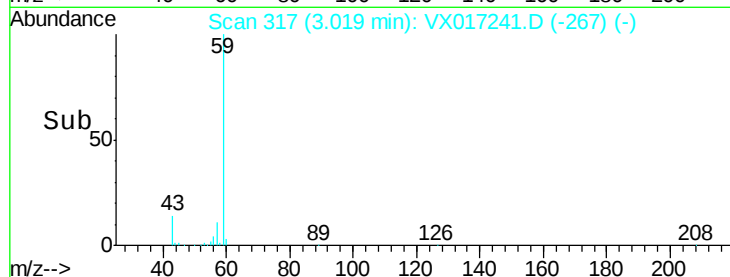
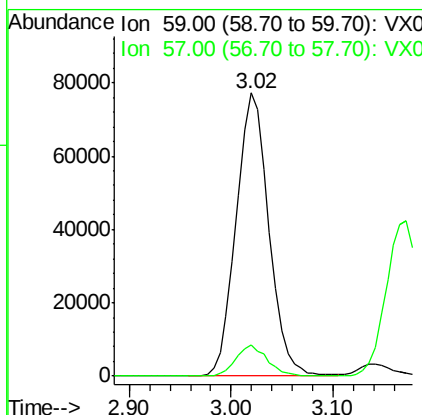
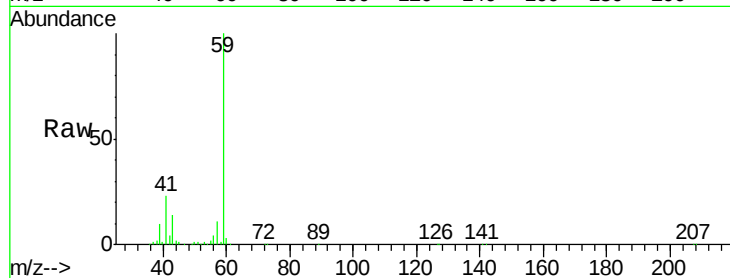
Tert butyl alcohol
Concen: 288.661 ug/l
RT: 3.02 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.2	12.2

Manual Integrations
APPROVED

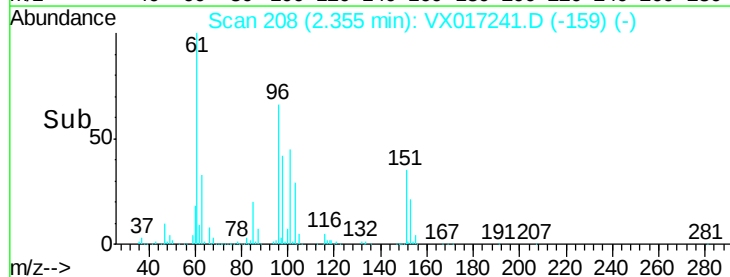
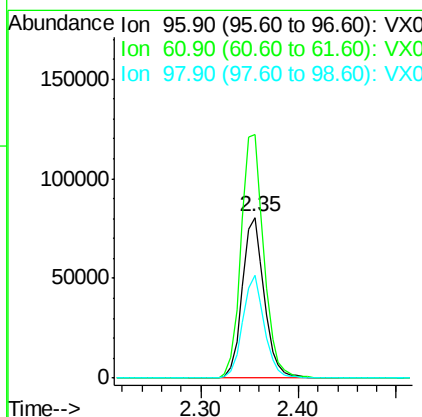
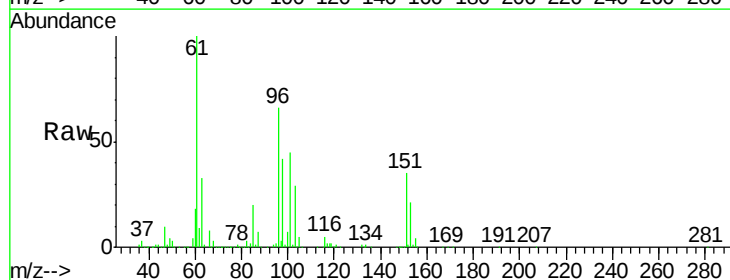
MMDadoda
7/8/2020 9:32:07 AM

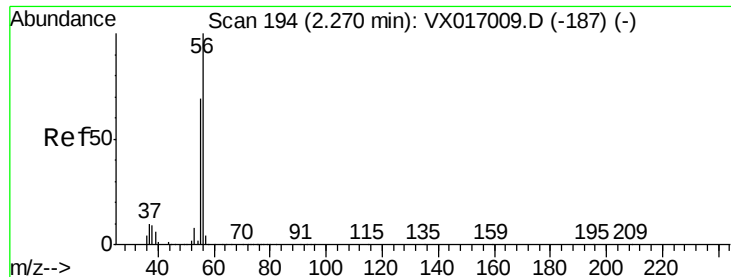


#12

1,1-Dichloroethene
Concen: 49.936 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.6	126.3	189.5
98	63.7	51.0	76.6





#13

Acrolein

Concen: 324.072 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 56 Resp: 115444

Ion Ratio Lower Upper

56 100

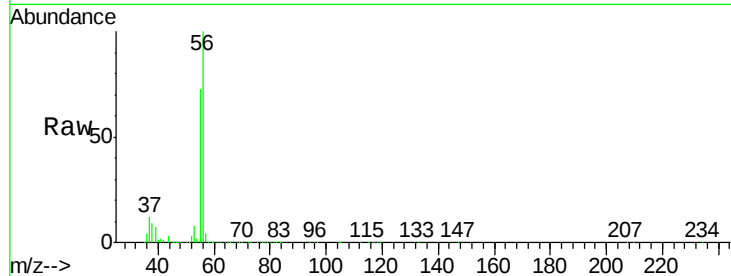
55 72.6 55.7 83.5

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

80000

60000

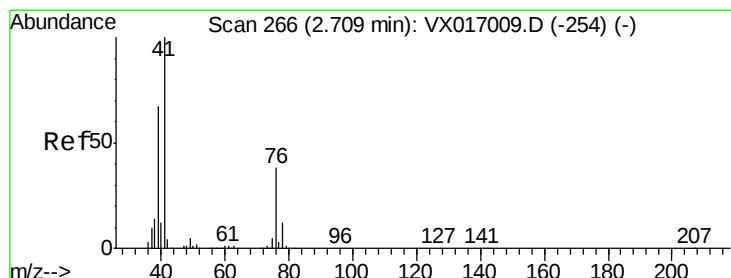
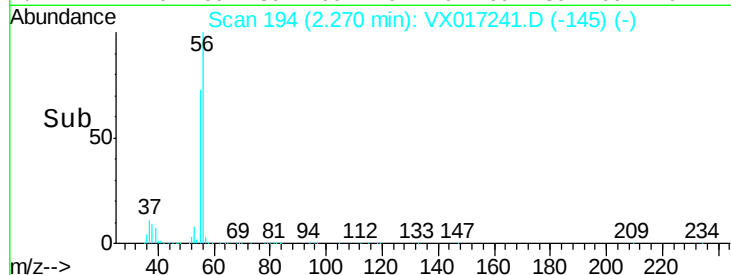
40000

20000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 45.386 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

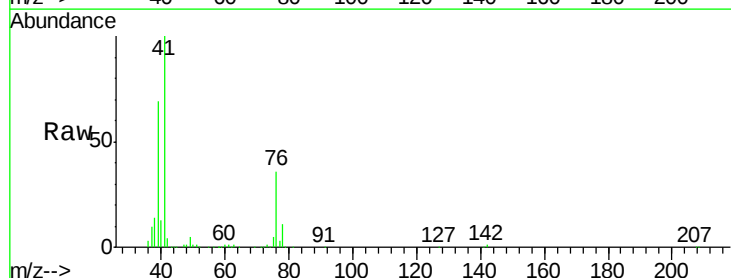
Tgt Ion: 41 Resp: 210271

Ion Ratio Lower Upper

41 100

39 65.6 49.4 74.2

76 33.9 26.8 40.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

150000

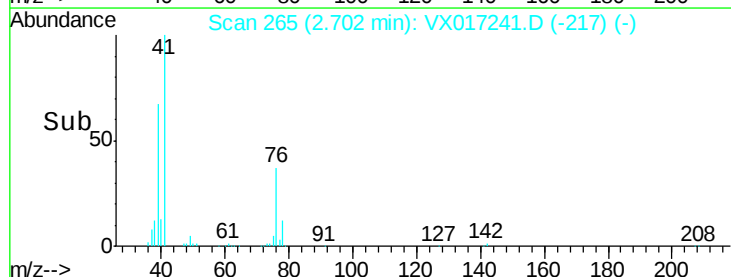
100000

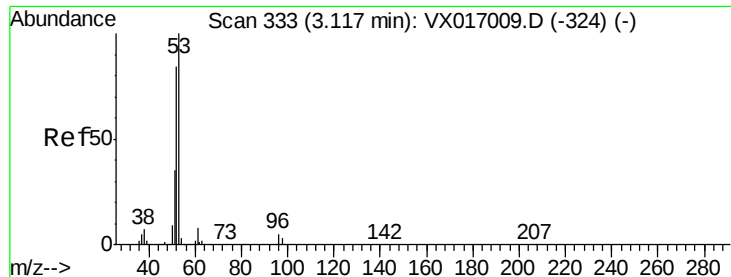
50000

0

Time-->

2.60 2.70 2.80





#15

Acrylonitrile

Concen: 261.765 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

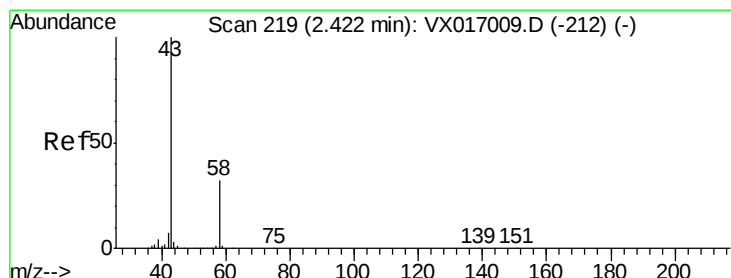
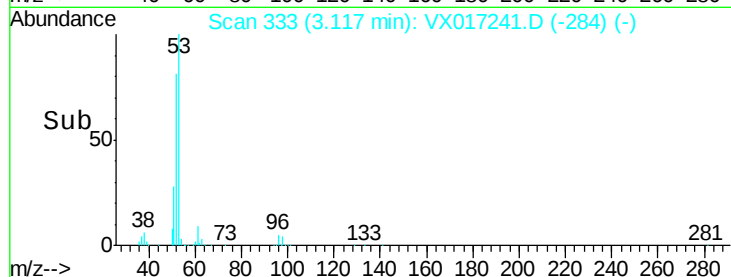
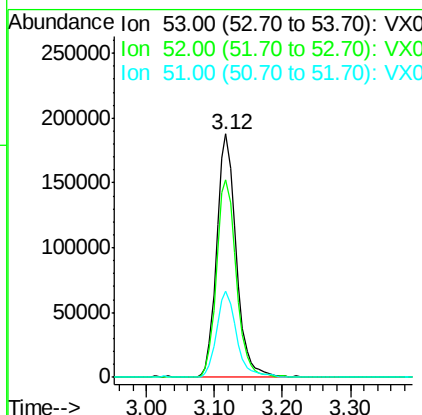
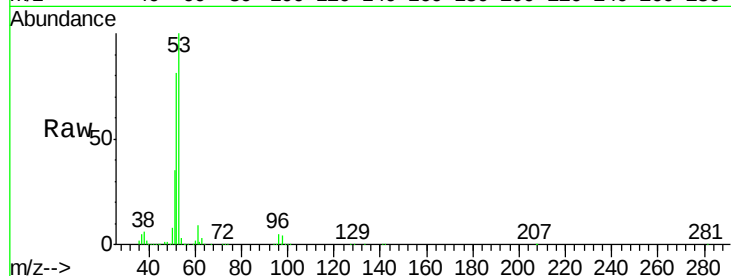
ClientSampleId :

1004-MW-02MSD

Tot Ion:	53	Resp:	374996
Ion	Ratio	Lower	Upper
53	100		
52	82.1	65.6	98.4
51	36.0	28.3	42.5

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#16

Acetone

Concen: 286.402 ug/l

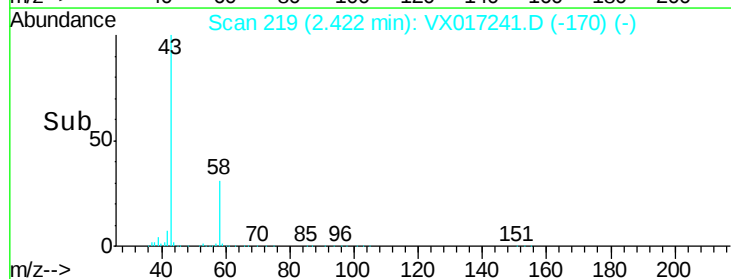
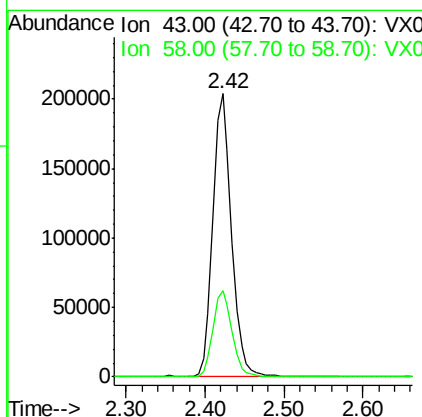
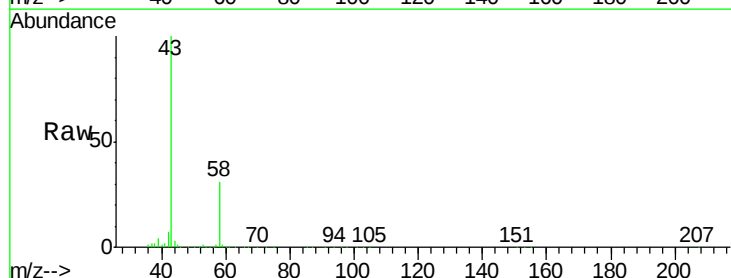
RT: 2.42 min Scan# 219

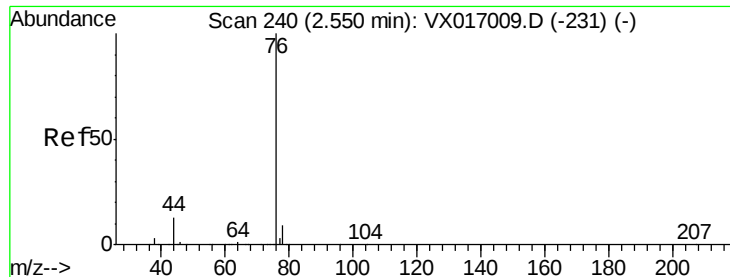
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	43	Resp:	334680
Ion	Ratio	Lower	Upper
43	100		
58	30.6	25.7	38.5





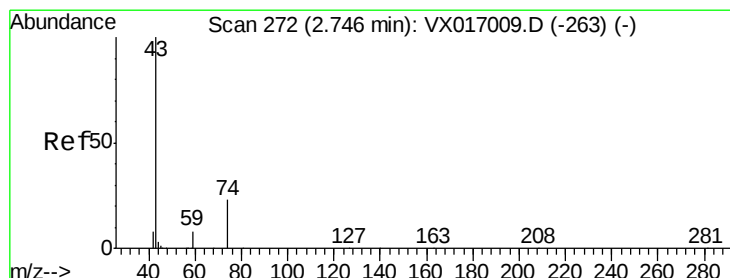
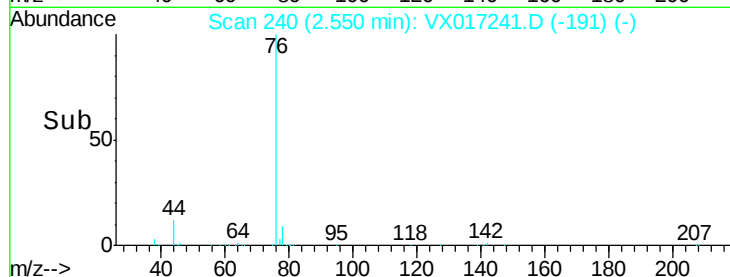
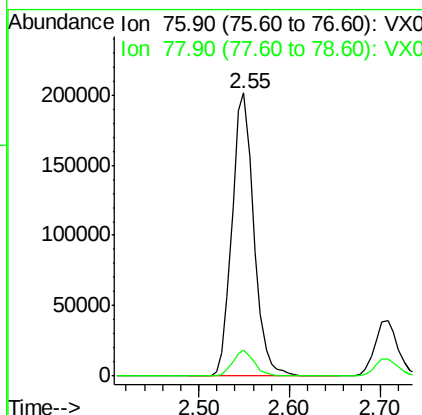
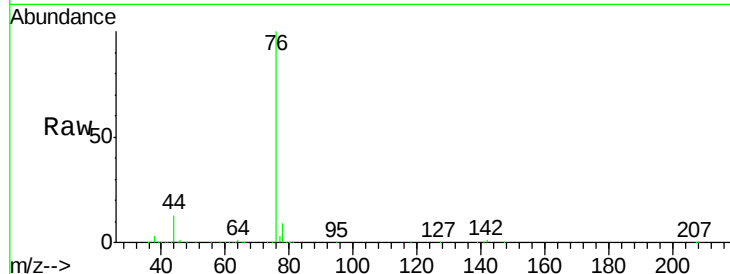
#17
Carbon Disulfide
Concen: 47.931 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

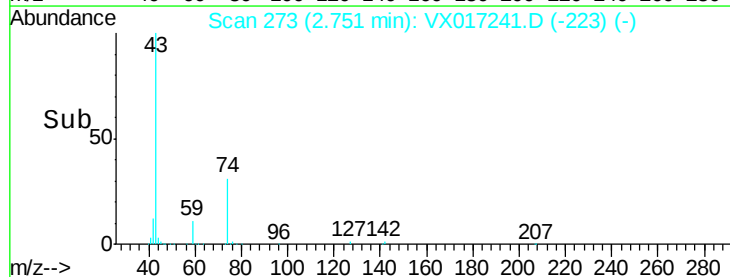
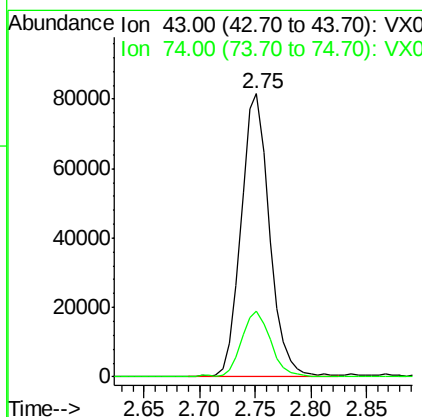
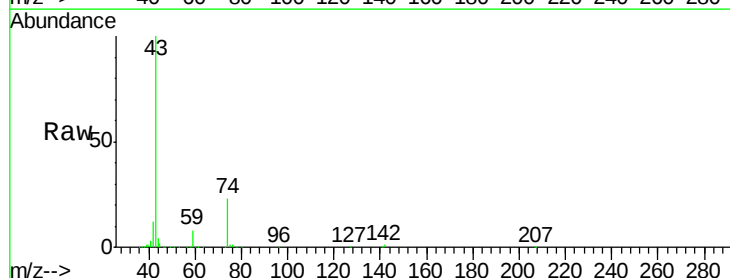
Manual Integrations
APPROVED

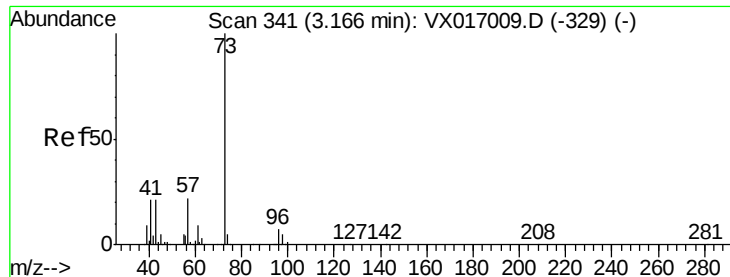
MMDadoda
7/8/2020 9:32:07 AM



#18
Methyl Acetate
Concen: 47.255 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	19.3	28.9





#19

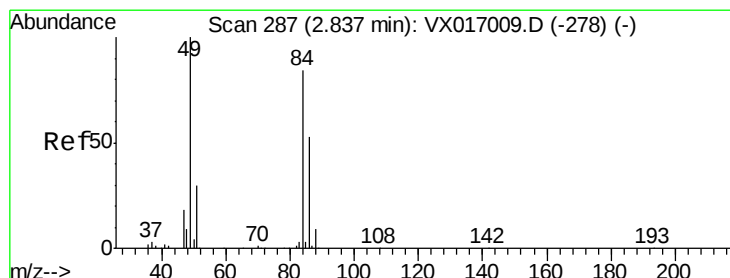
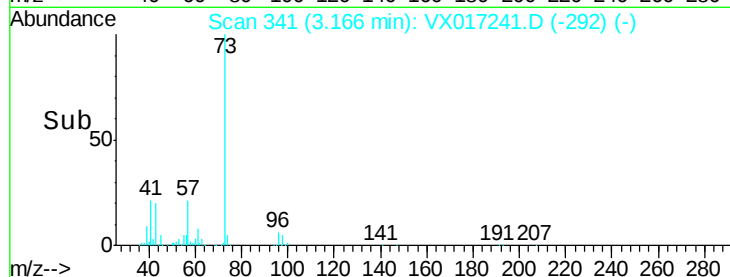
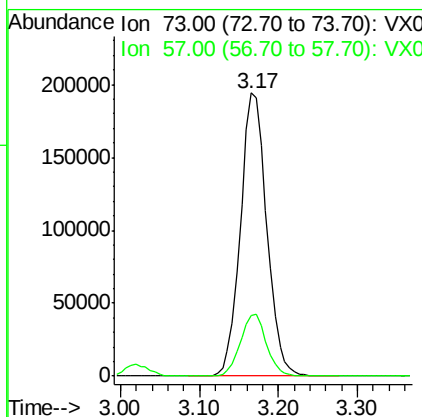
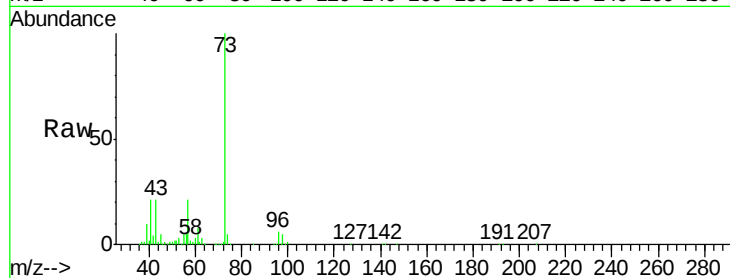
Methyl tert-butyl Ether
 Concen: 53.723 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.6	26.4

Manual Integrations
 APPROVED

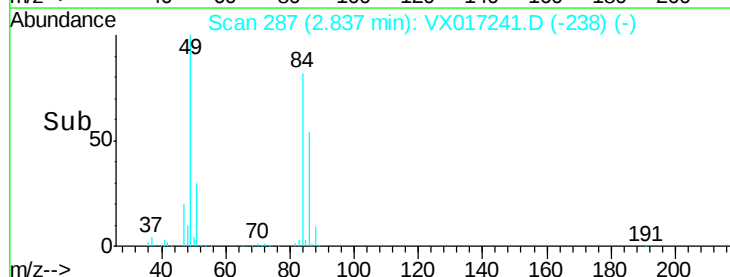
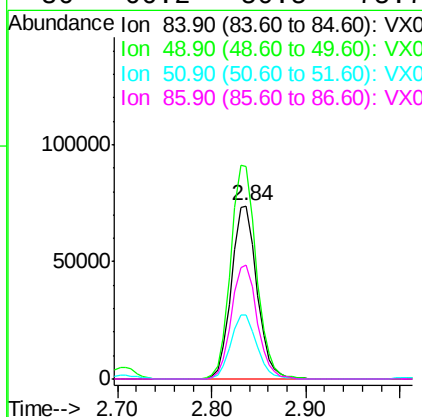
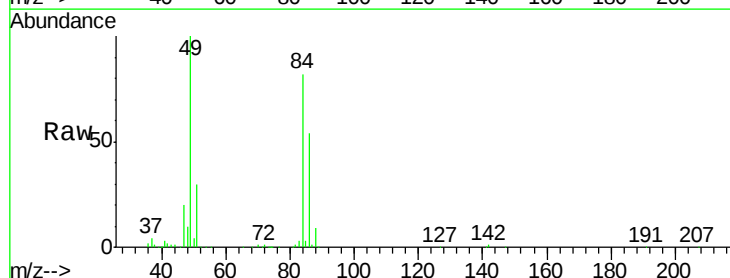
MMDadoda
 7/8/2020 9:32:07 AM

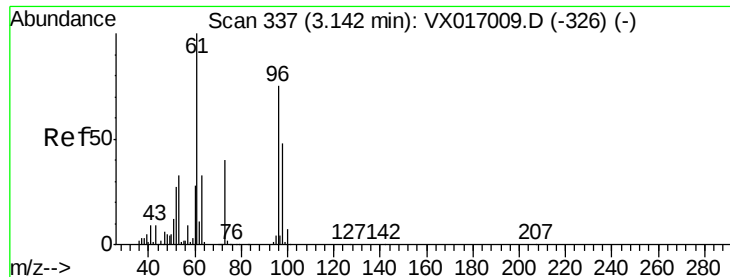


#20

Methylene Chloride
 Concen: 52.270 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.4	94.7	142.1
51	36.7	28.6	42.8
86	66.2	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 51.842 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 96 Resp: 144226

Ion Ratio Lower Upper

96 100

61 132.3 107.0 160.6

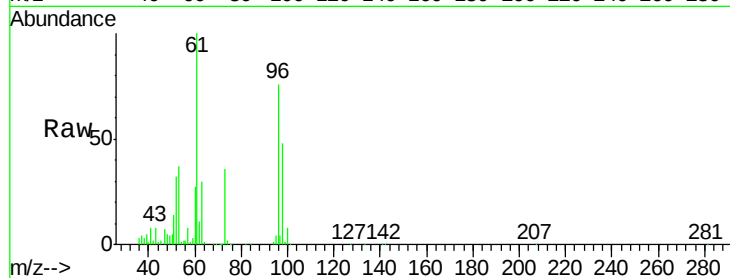
98 63.8 51.6 77.4

Manual Integrations

APPROVED

MMDadoda

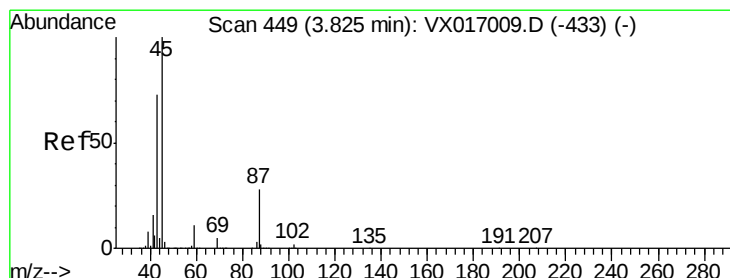
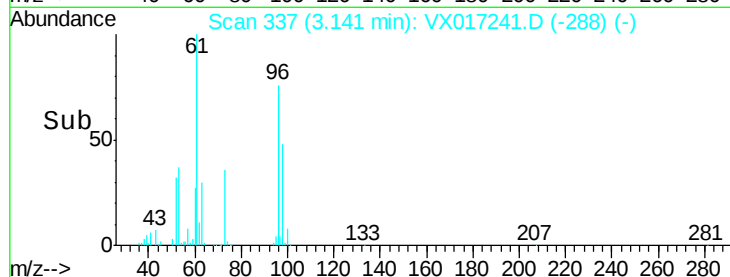
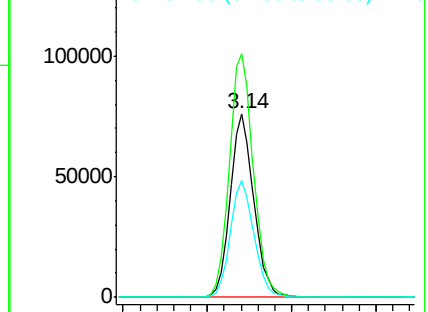
7/8/2020 9:32:07 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 50.994 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion: 45 Resp: 437268

Ion Ratio Lower Upper

45 100

43 71.4 58.6 88.0

87 29.8 22.6 34.0

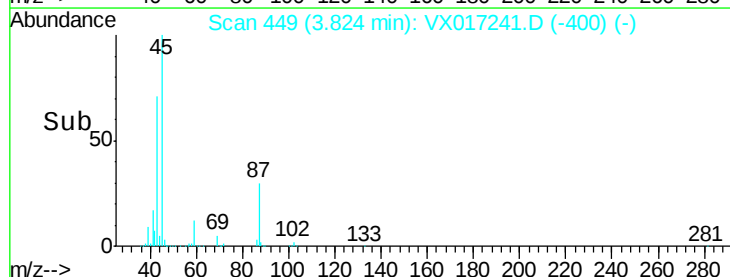
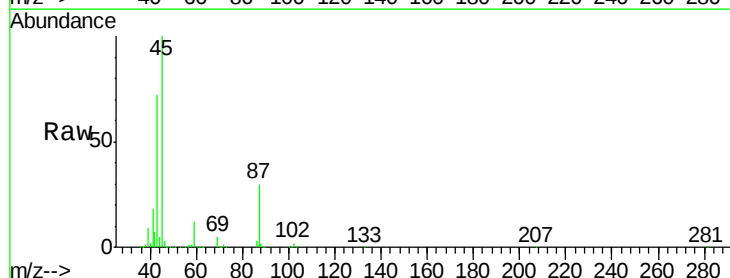
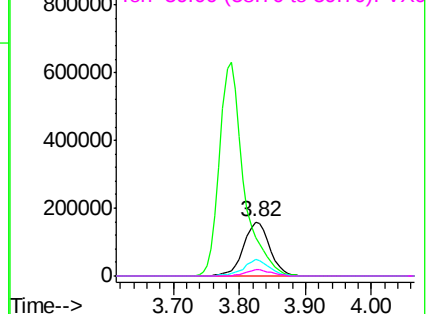
59 11.6 8.7 13.1

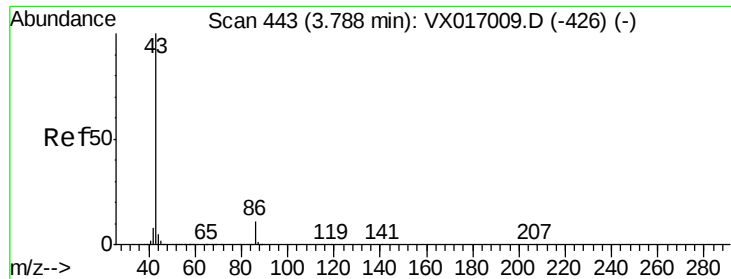
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 218.655 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 43 Resp: 1611146

Ion Ratio Lower Upper

43 100

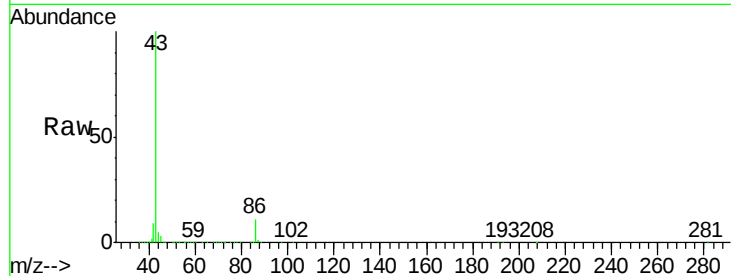
86 10.9 8.6 13.0

Manual Integrations

APPROVED

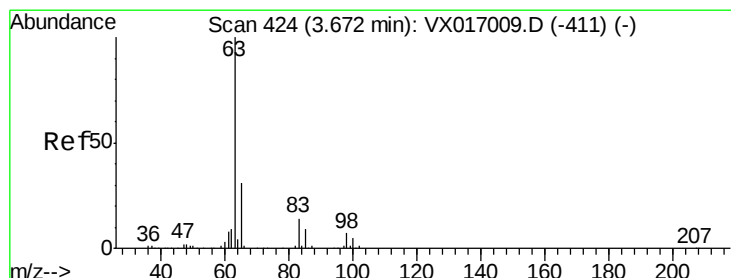
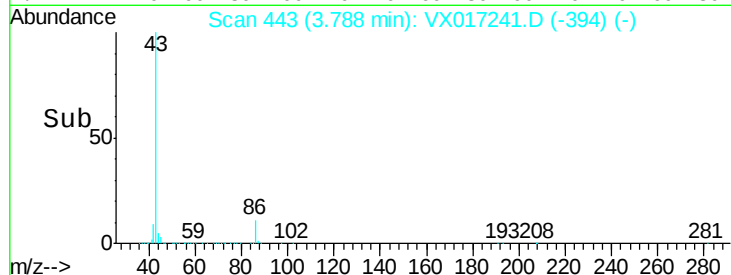
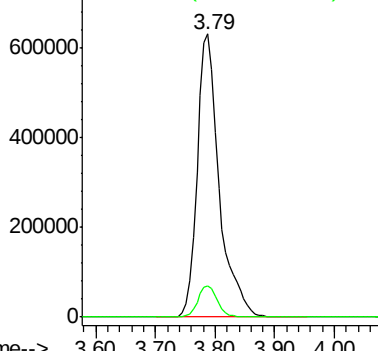
MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.617 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

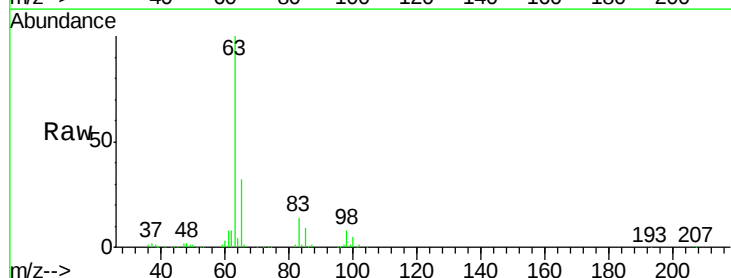
Tgt Ion: 63 Resp: 246963

Ion Ratio Lower Upper

63 100

98 7.7 3.6 10.8

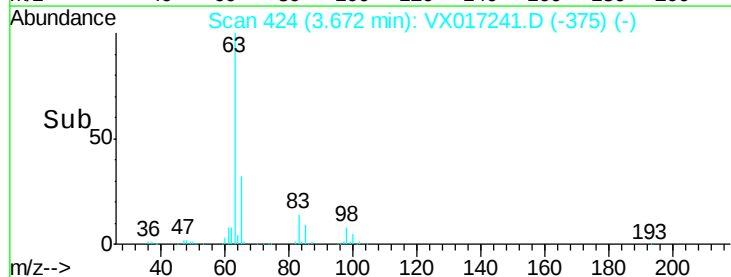
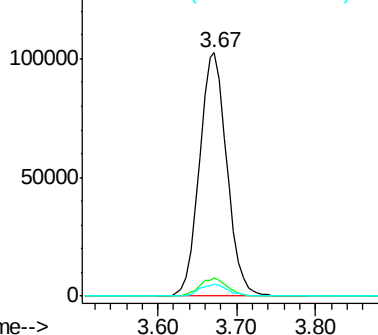
100 5.0 2.4 7.1

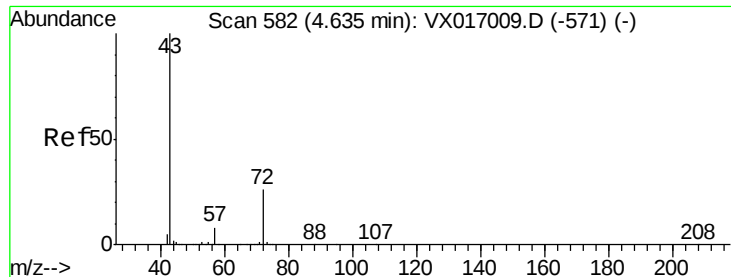


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 267.684 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 43 Resp: 521218

Ion Ratio Lower Upper

43 100

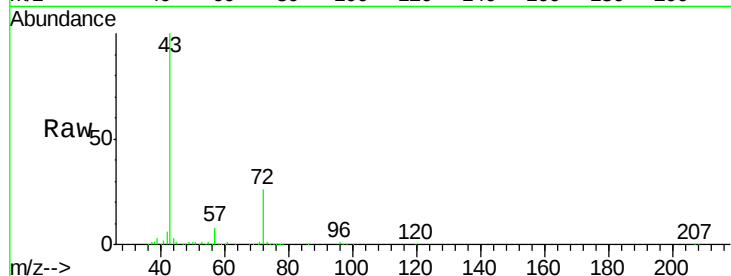
72 25.9 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.63

200000

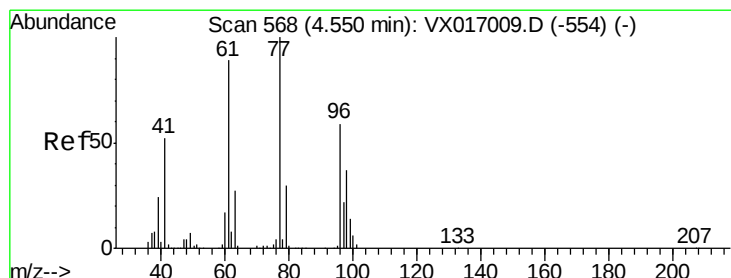
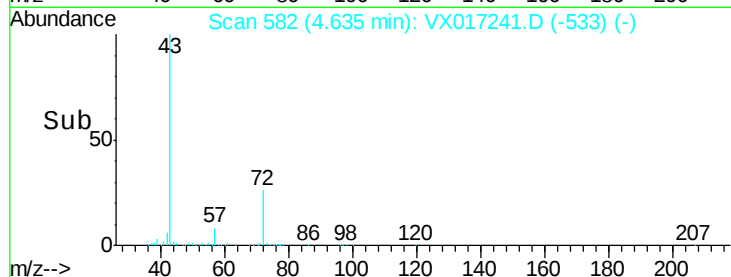
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 34.477 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017241.D

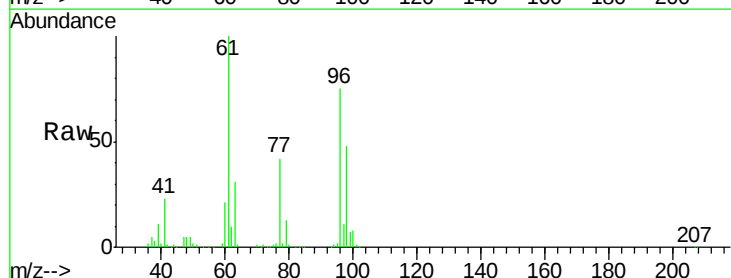
Acq: 08 Jul 2020 06:39

Tgt Ion: 77 Resp: 149360

Ion Ratio Lower Upper

77 100

97 28.0 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.55

50000

40000

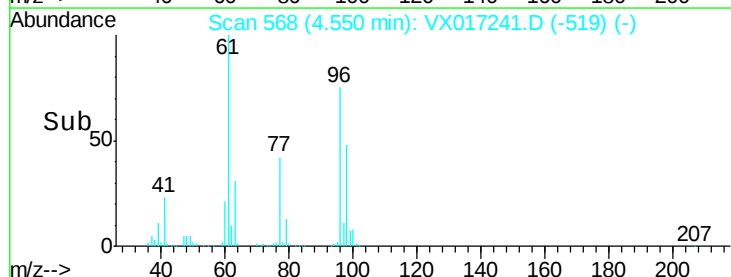
30000

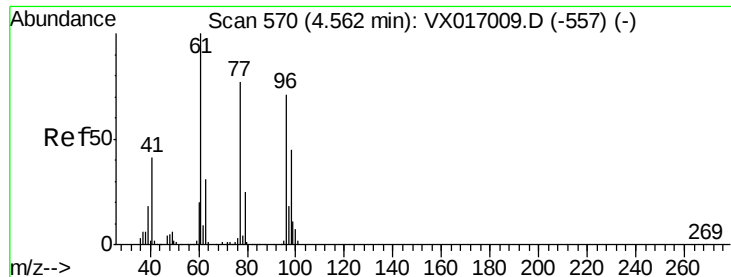
20000

10000

0

Time-->





#27

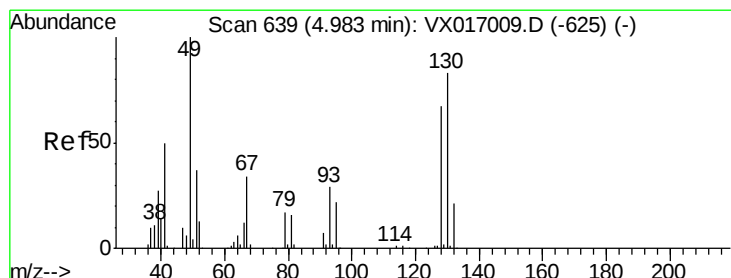
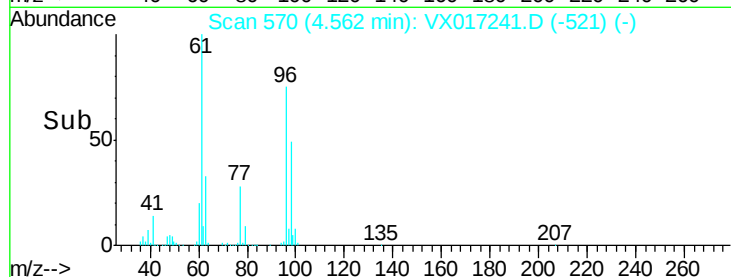
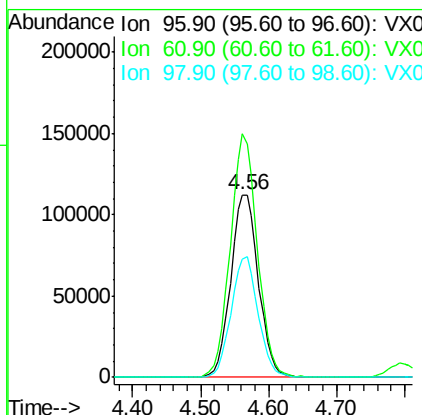
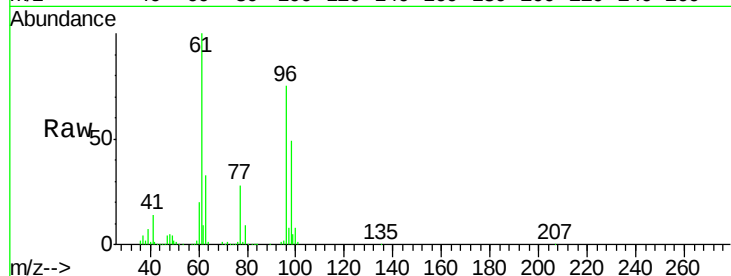
cis-1,2-Dichloroethene
Concen: 100.326 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	316249		
61	130.5	0.0	282.8	
98	64.7	0.0	127.6	

Manual Integrations
APPROVED

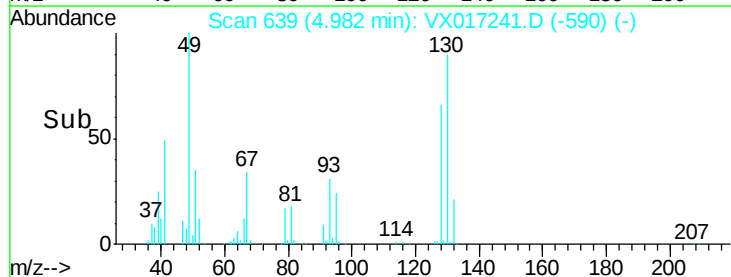
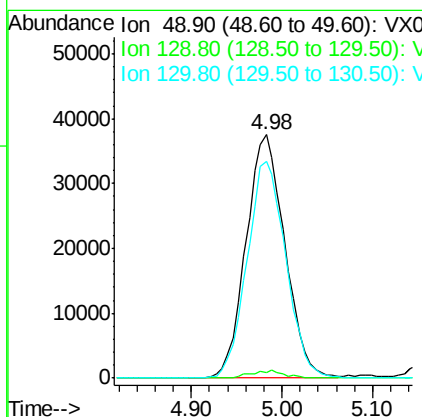
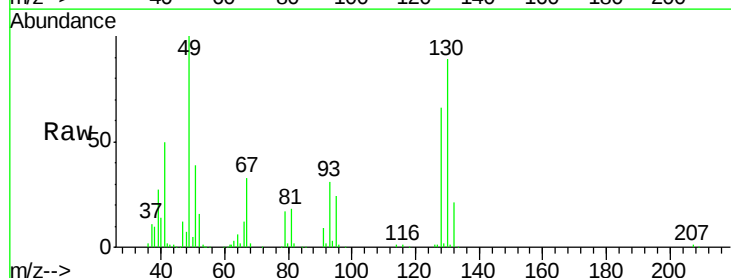
MMDadoda
7/8/2020 9:32:07 AM

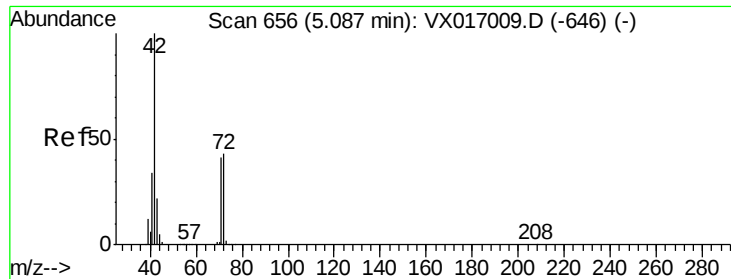


#28

Bromochloromethane
Concen: 46.838 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	111205		
129	2.6	0.0	4.2	
130	89.0	66.6	100.0	





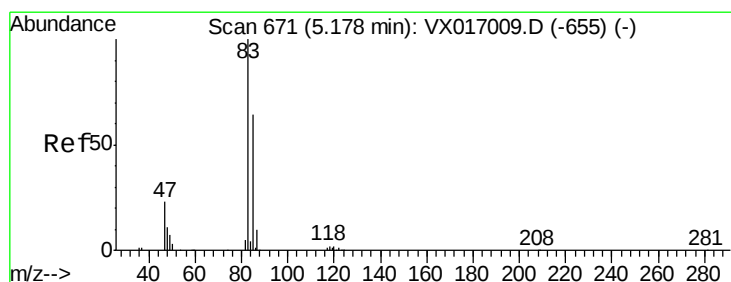
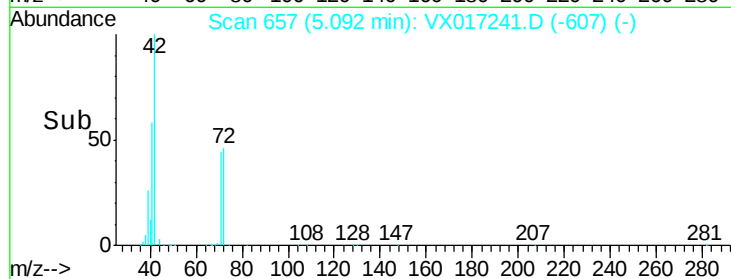
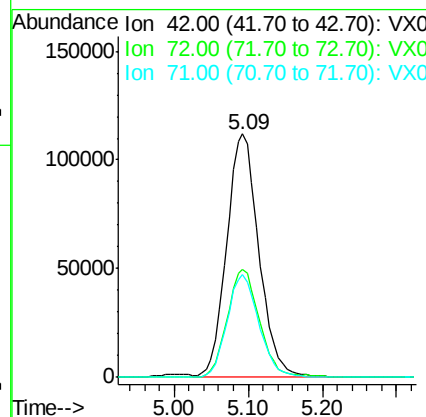
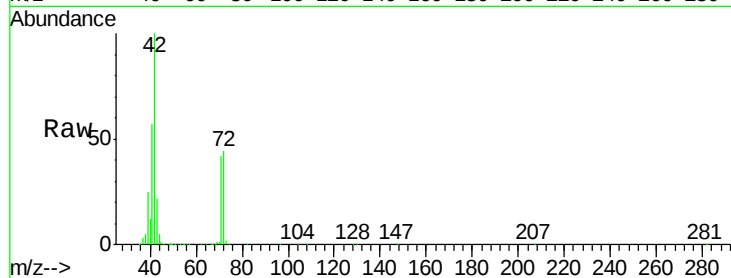
#29
Tetrahydrofuran
Concen: 261.782 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	35.3	52.9
71	41.9	33.1	49.7

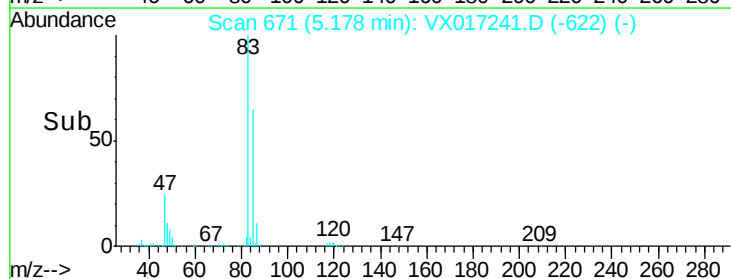
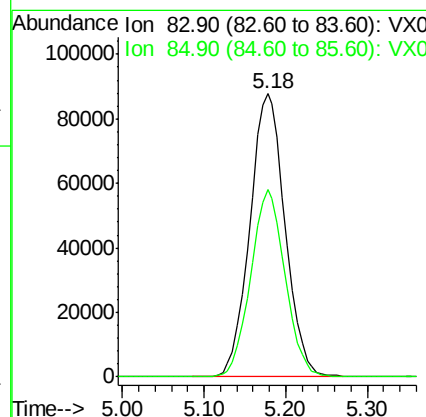
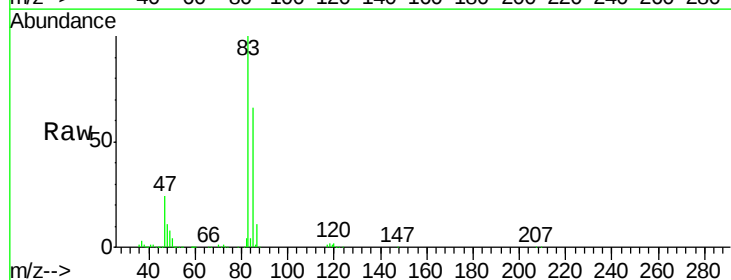
Manual Integrations
APPROVED

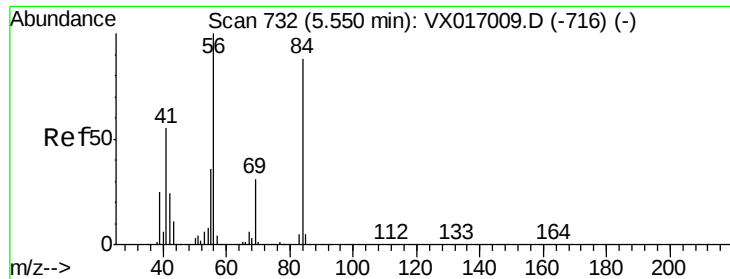
MMDadoda
7/8/2020 9:32:07 AM



#30
Chloroform
Concen: 52.629 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.4	77.2





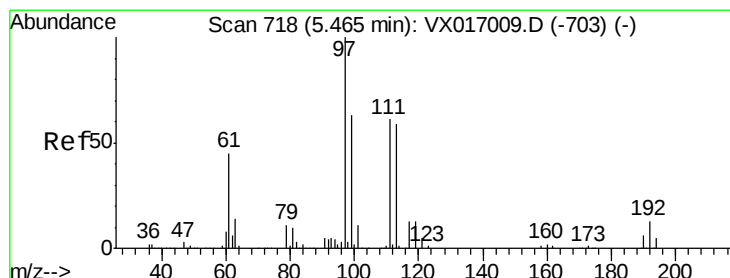
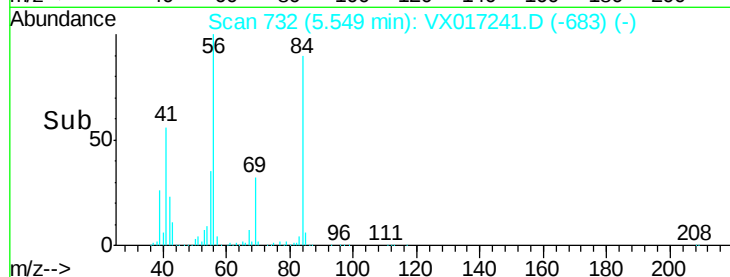
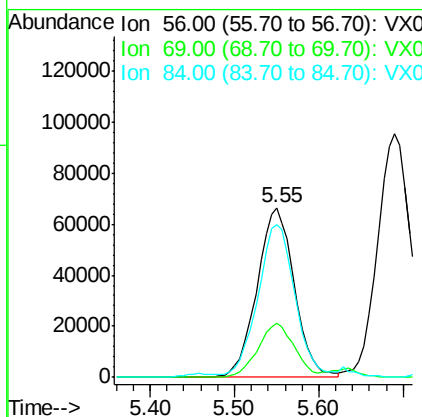
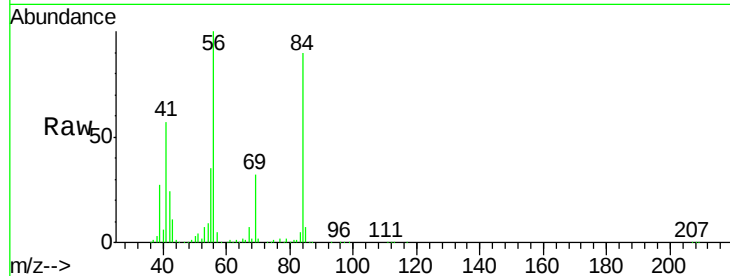
#31
Cyclohexane
Concen: 47.940 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.0	37.4
84	88.5	69.1	103.7

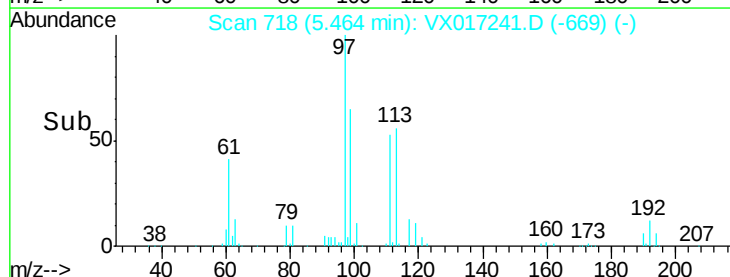
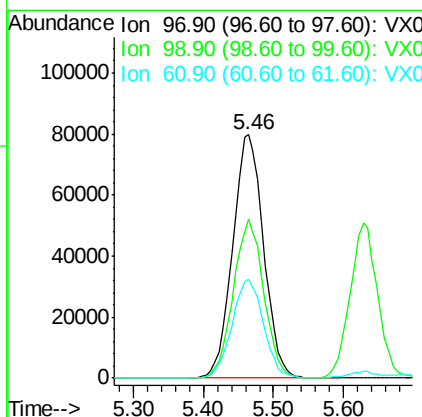
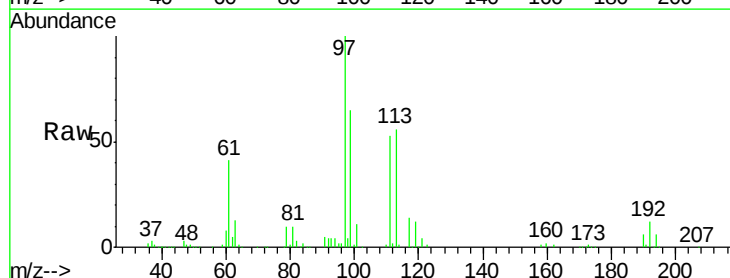
Manual Integrations
APPROVED

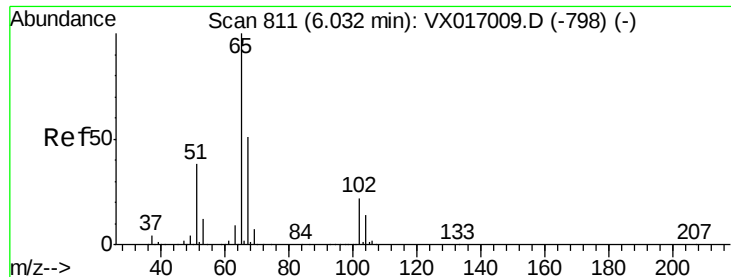
MMDadoda
7/8/2020 9:32:07 AM



#32
1,1,1-Trichloroethane
Concen: 53.056 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	50.8	76.2
61	41.6	33.7	50.5





#33

1,2-Dichloroethane-d4

Concen: 49.576 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 65 Resp: 154862

Ion Ratio Lower Upper

65 100

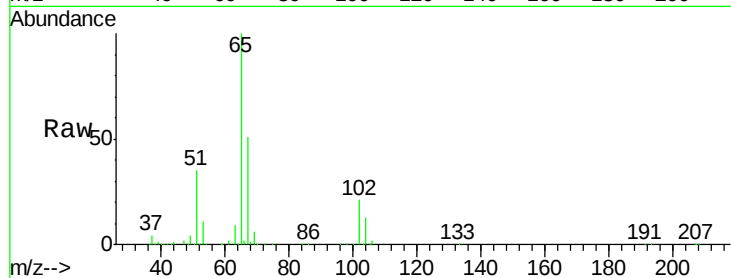
67 50.5 0.0 103.8

Manual Integrations

APPROVED

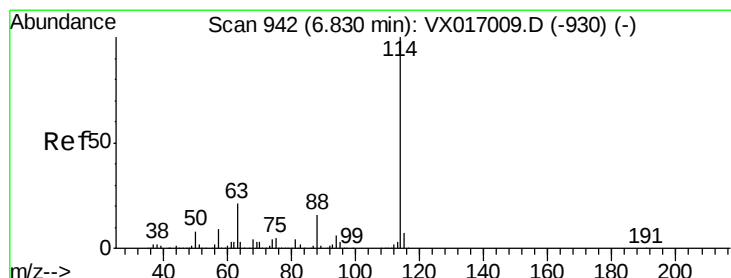
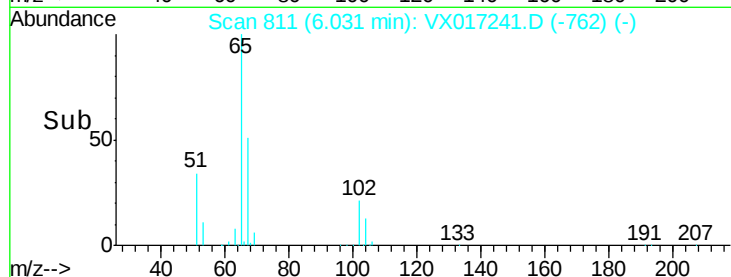
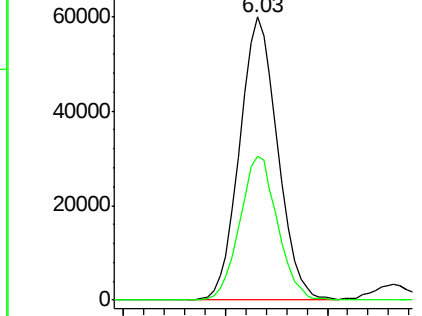
MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

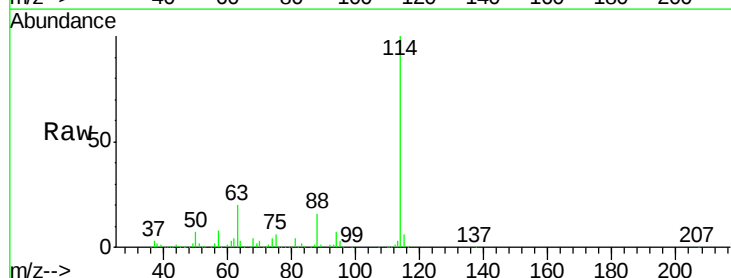
Tgt Ion: 114 Resp: 381377

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

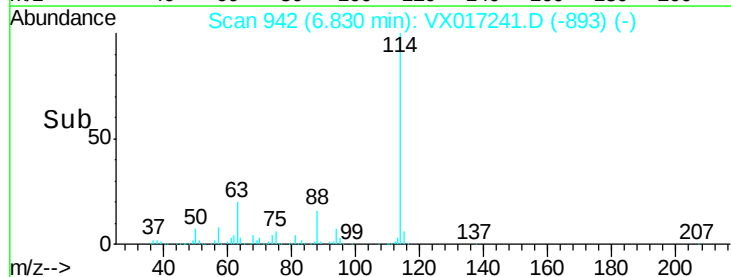
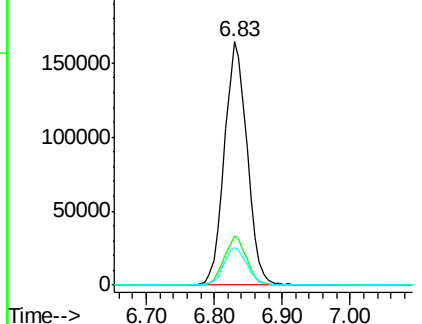
88 15.6 0.0 32.4

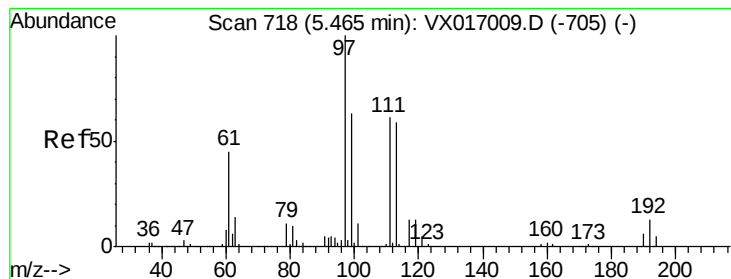


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 51.780 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

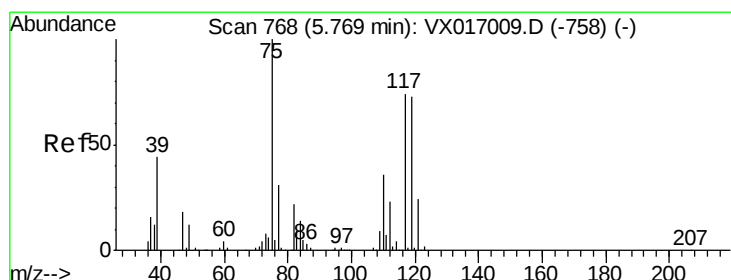
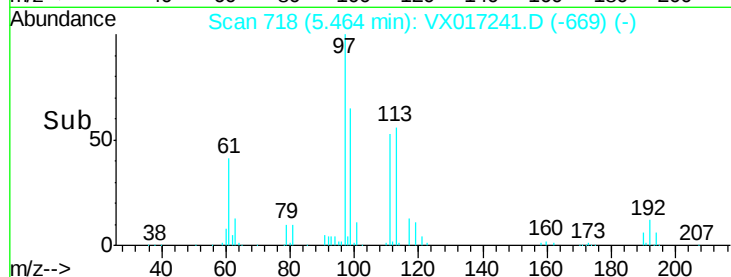
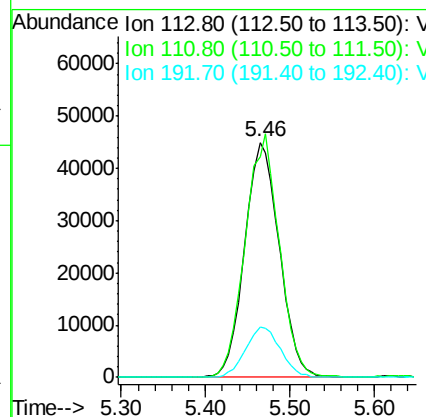
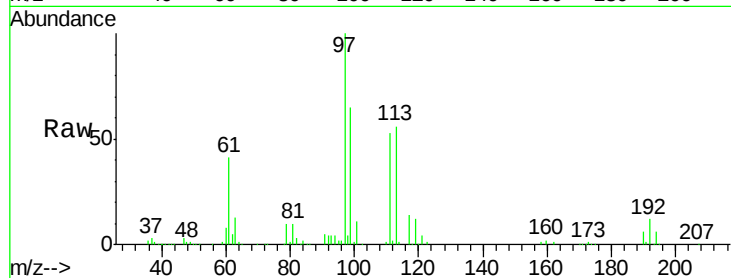
ClientSampleId :

1004-MW-02MSD

Tot Ion:	113	Resp:	124919
Ion Ratio	Lower	Upper	
113	100		
111	102.6	81.9	122.9
192	21.7	16.7	25.1

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#36

1,1-Dichloropropene

Concen: 52.126 ug/l

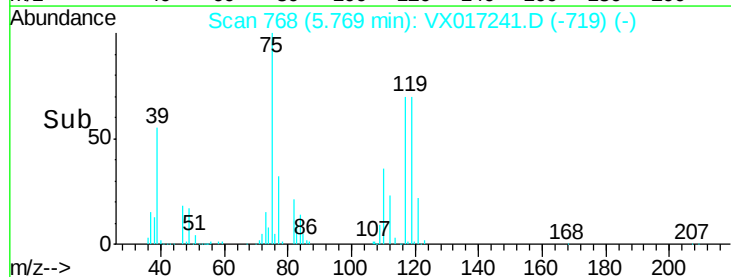
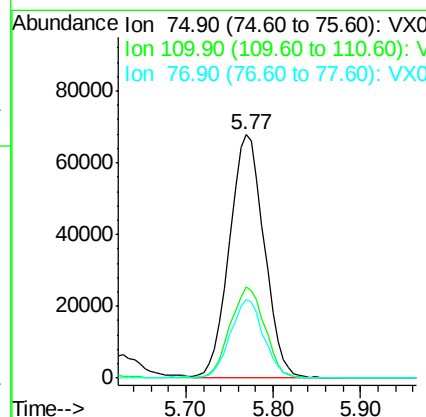
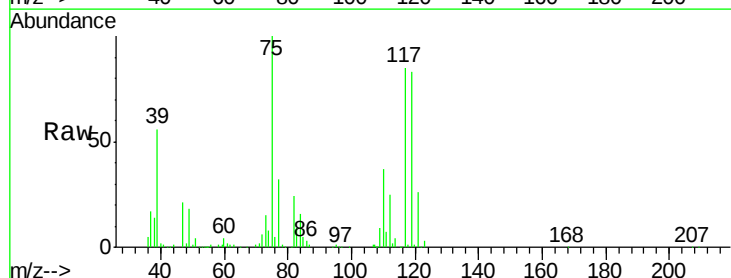
RT: 5.77 min Scan# 768

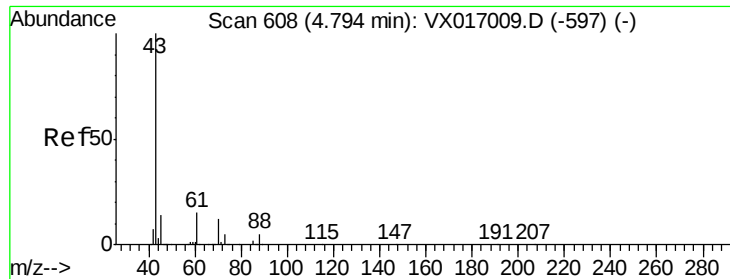
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	75	Resp:	187887
Ion Ratio	Lower	Upper	
75	100		
110	37.3	18.1	54.1
77	31.1	24.6	37.0





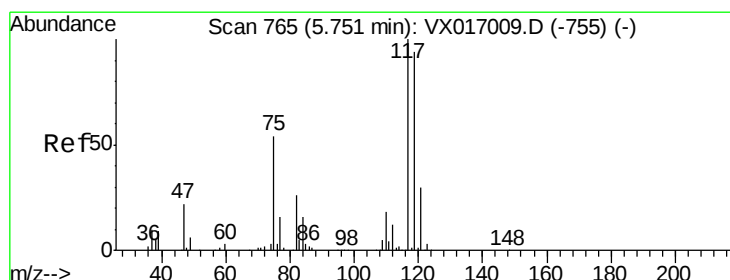
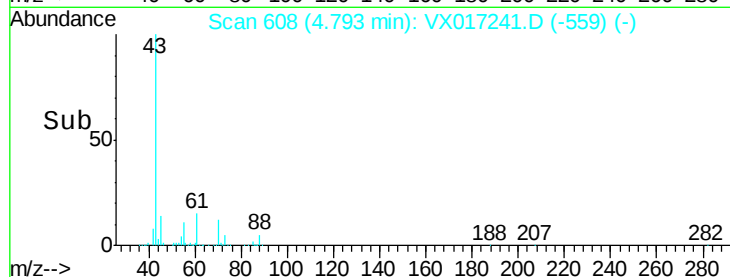
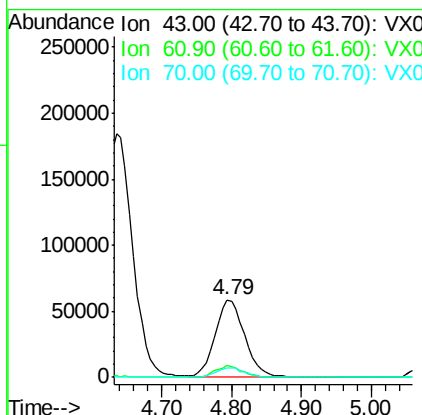
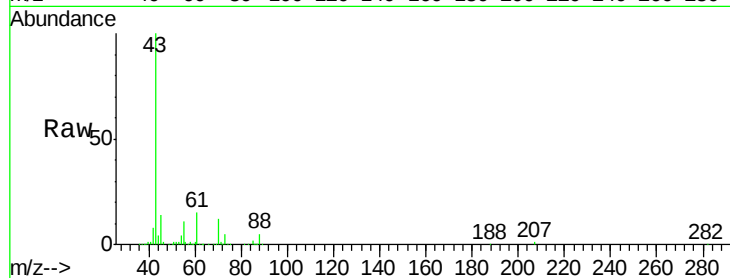
#37
Ethyl Acetate
Concen: 47.198 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion:	43	Resp:	172610
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	12.0	8.9	13.3

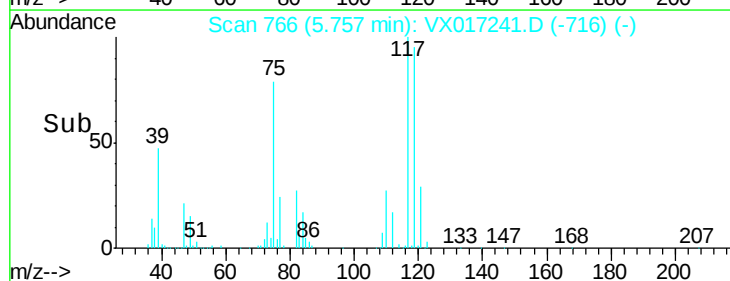
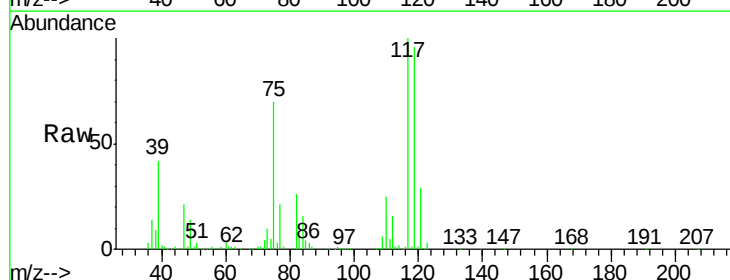
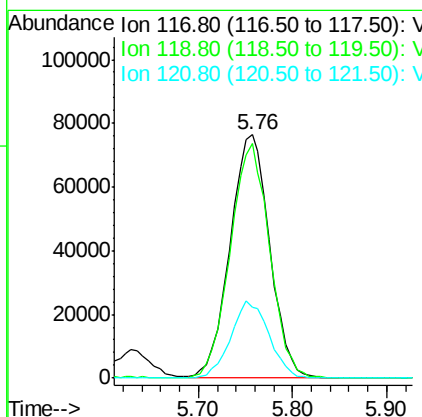
Manual Integrations
APPROVED

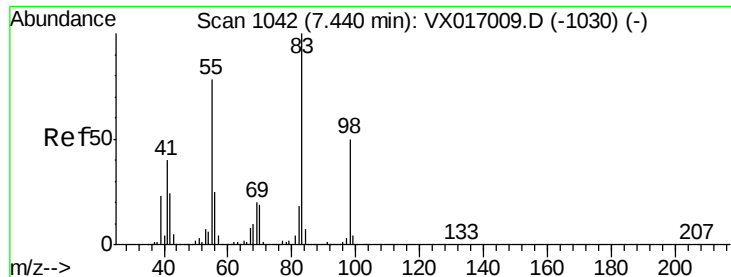
MMDadoda
7/8/2020 9:32:07 AM



#38
Carbon Tetrachloride
Concen: 56.490 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion:	117	Resp:	224271
Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.4	113.0
121	29.2	23.8	35.6





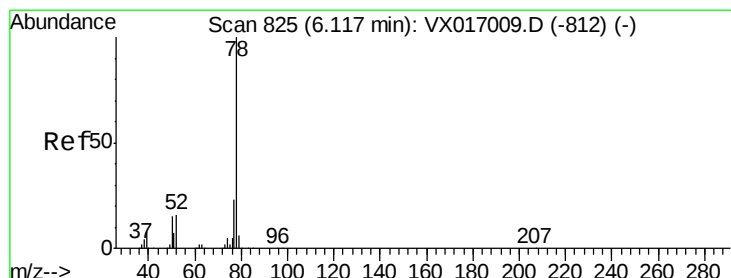
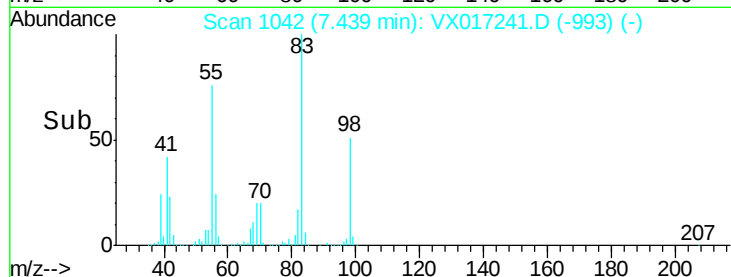
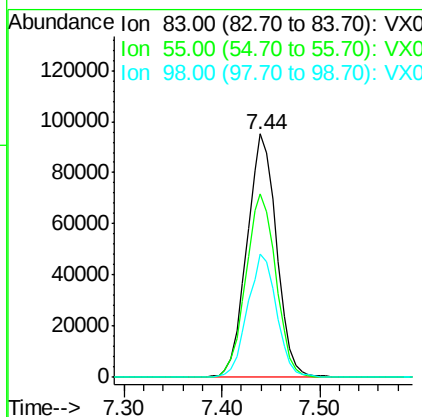
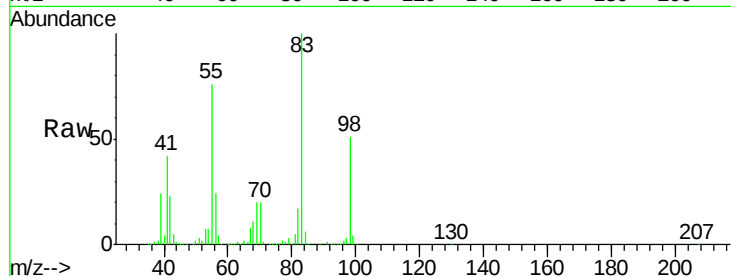
#39
Methylvlcyclohexane
Concen: 49.983 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.6	62.5	93.7
98	50.7	40.1	60.1

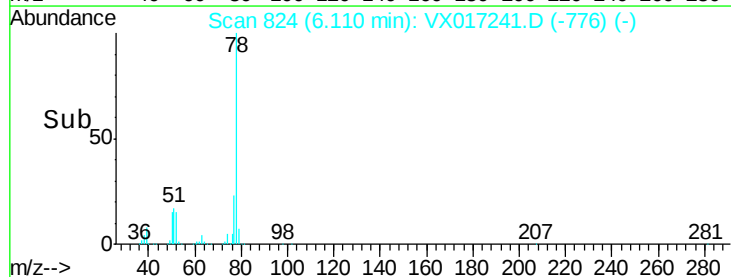
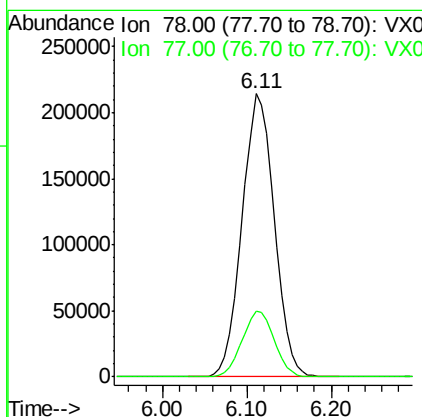
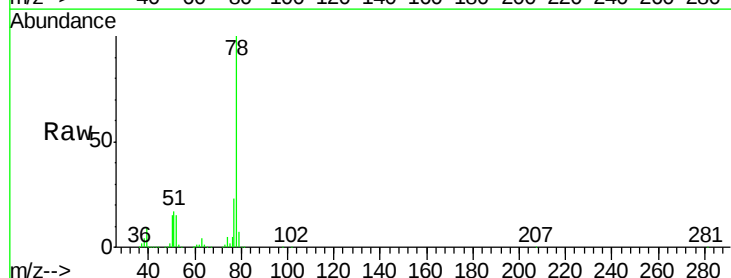
Manual Integrations
APPROVED

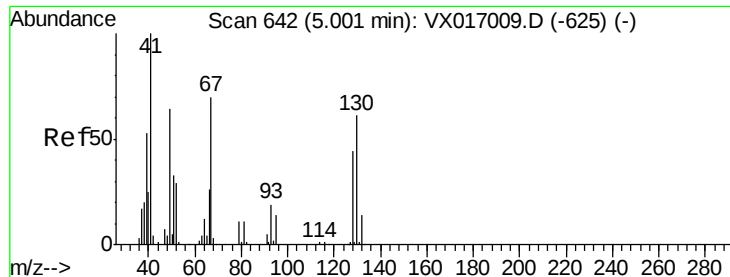
MMDadoda
7/8/2020 9:32:07 AM



#40
Benzene
Concen: 52.651 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5





#41

Methacrylonitrile

Concen: 54.749 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 41 Resp: 112692

Ion Ratio Lower Upper

41 100

39 54.1 44.4 66.6

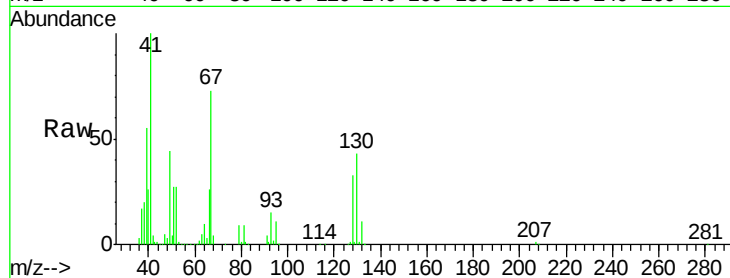
67 71.1 57.1 85.7

52 29.5 23.2 34.8

Manual Integrations
APPROVED

MMDadoda

7/8/2020 9:32:07 AM

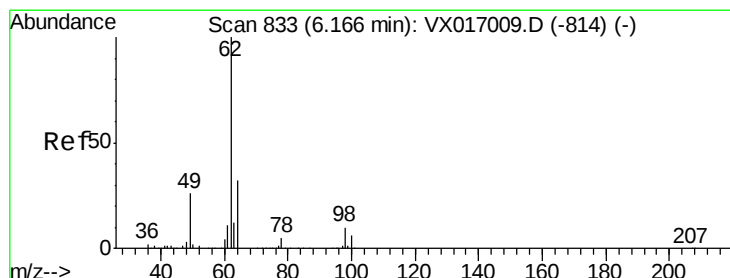
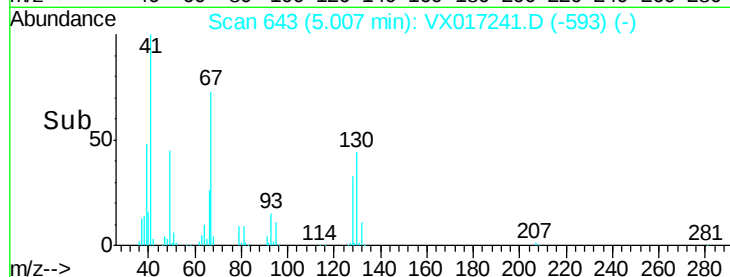
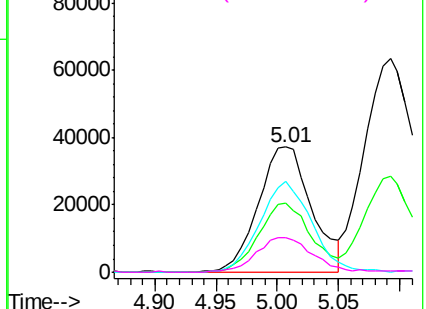


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 56.412 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX017241.D

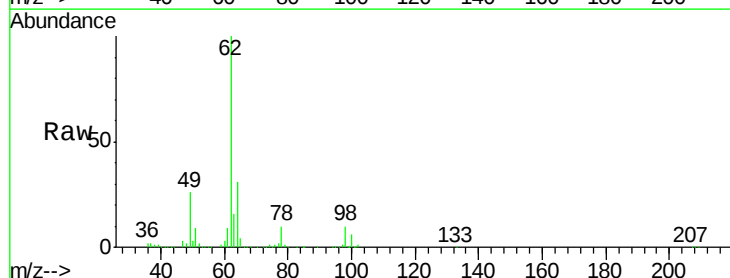
Acq: 08 Jul 2020 06:39

Tgt Ion: 62 Resp: 215798

Ion Ratio Lower Upper

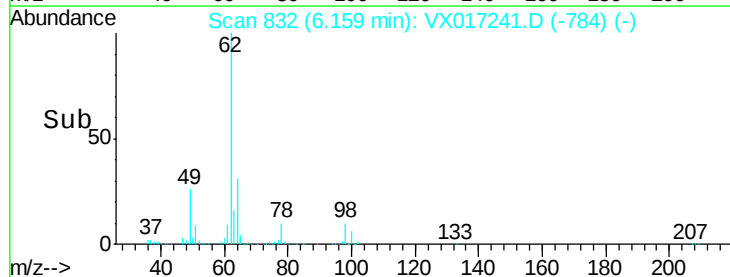
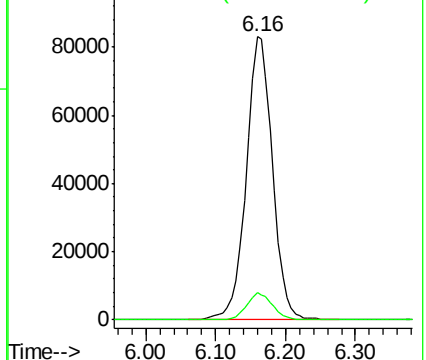
62 100

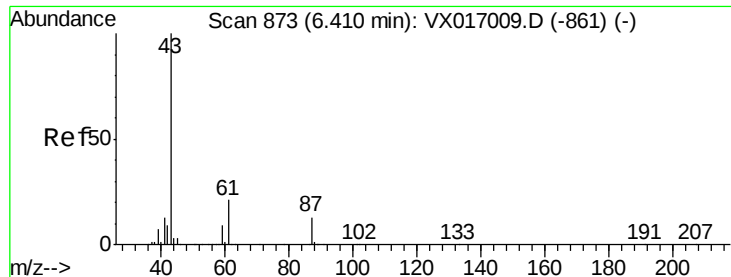
98 9.4 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

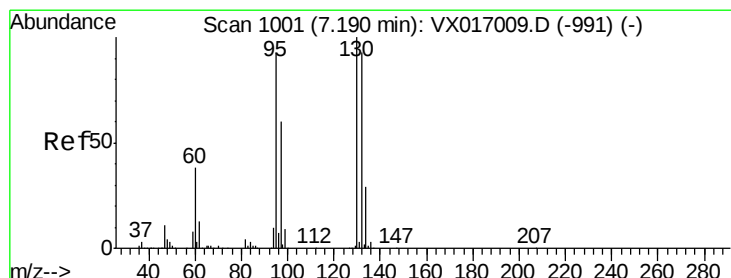
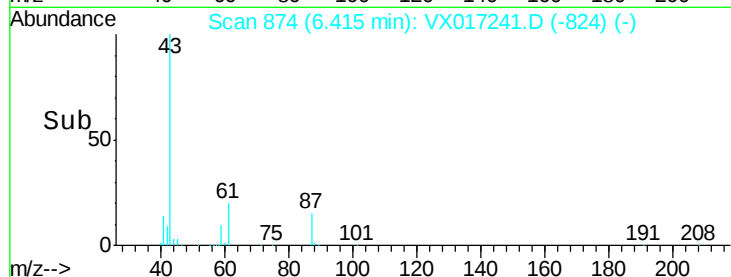
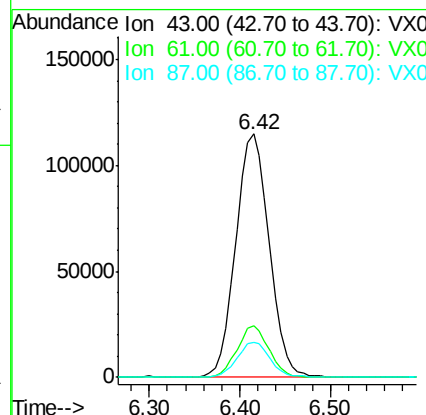
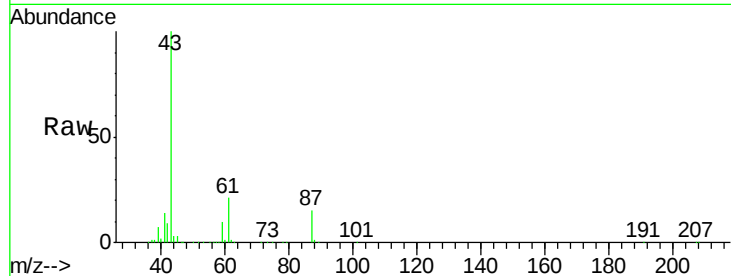
Isopropyl Acetate
 Concen: 48.272 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.2	24.2
87	14.2	10.7	16.1

Manual Integrations
 APPROVED

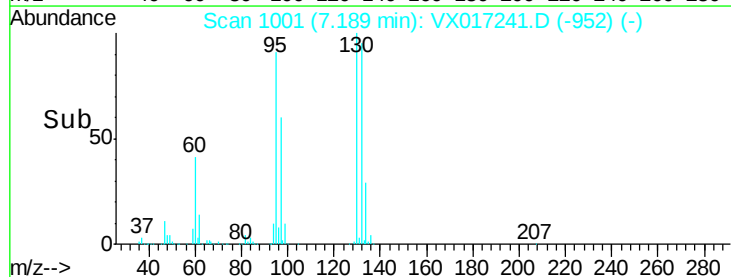
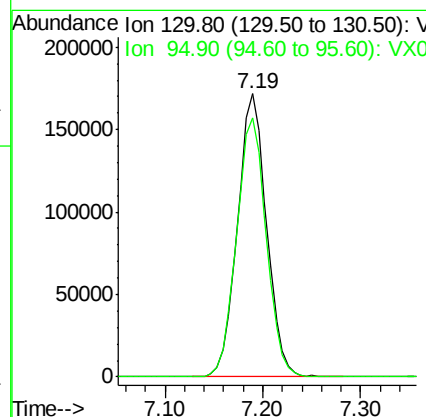
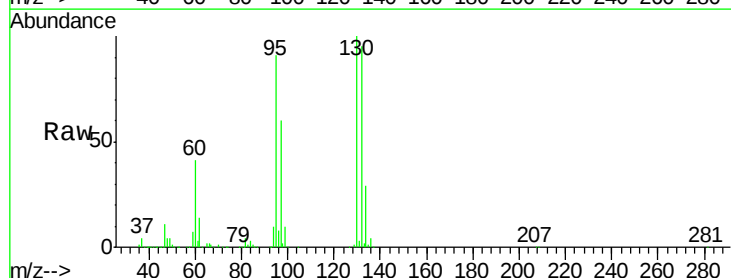
MMDadoda
 7/8/2020 9:32:07 AM

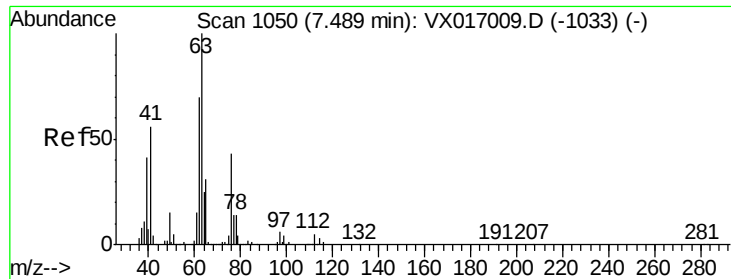


#44

Trichloroethene
 Concen: 121.716 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.3	0.0	185.0





#45

1,2-Dichloropropane

Concen: 53.055 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 63 Resp: 144314

Ion Ratio Lower Upper

63 100

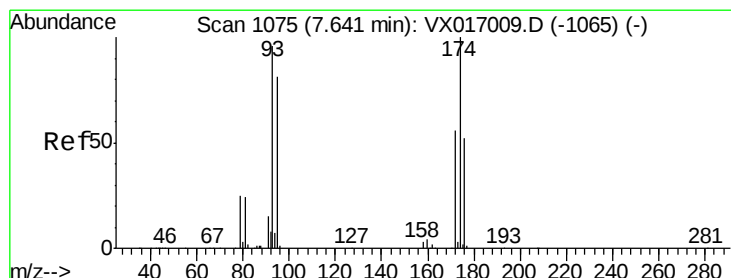
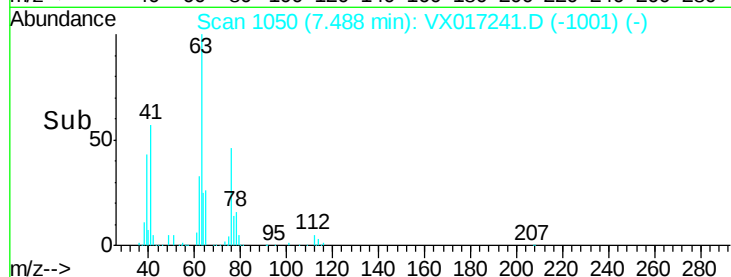
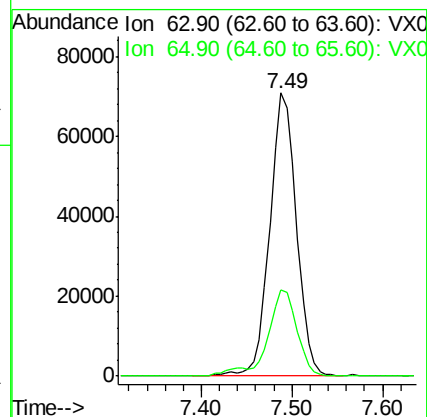
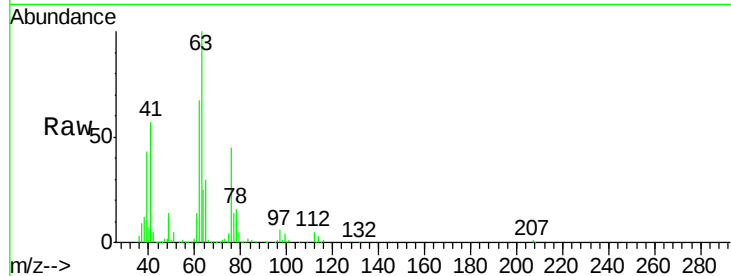
65 30.4 24.6 36.8

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:07 AM



#46

Dibromomethane

Concen: 55.154 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

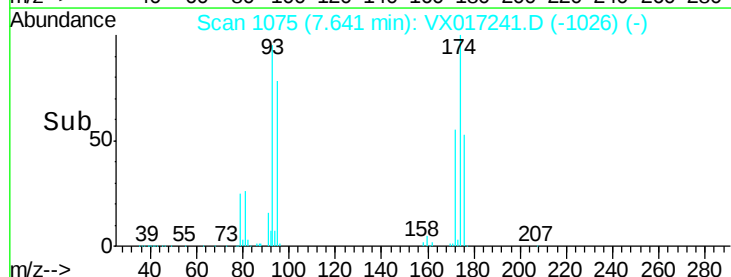
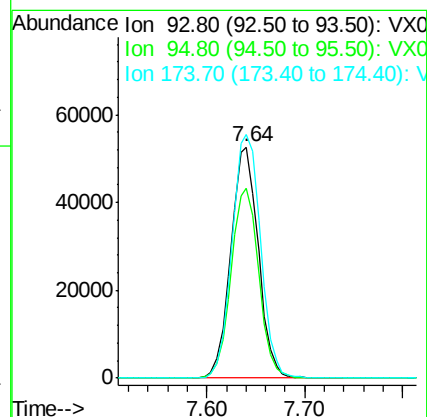
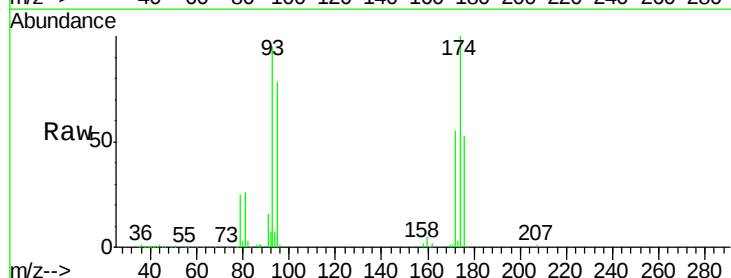
Tgt Ion: 93 Resp: 102425

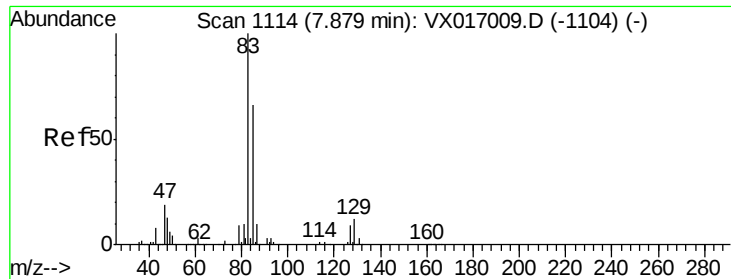
Ion Ratio Lower Upper

93 100

95 83.2 67.4 101.0

174 109.4 84.3 126.5





#47

Bromodichloromethane

Concen: 56.652 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

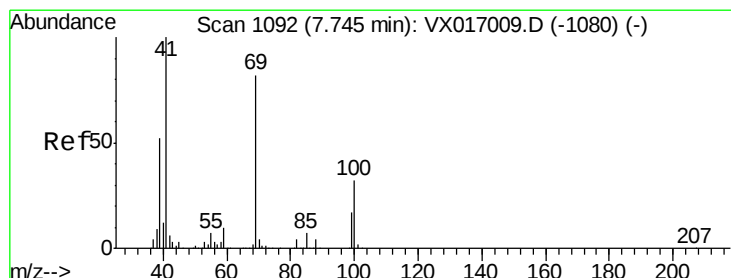
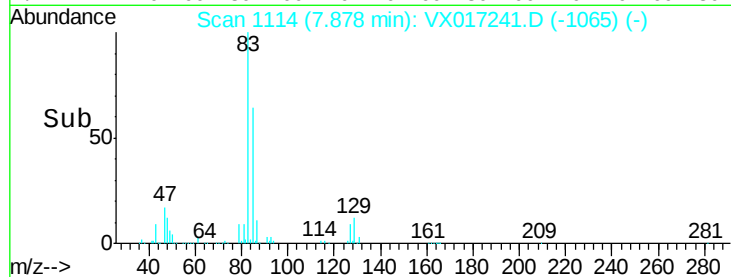
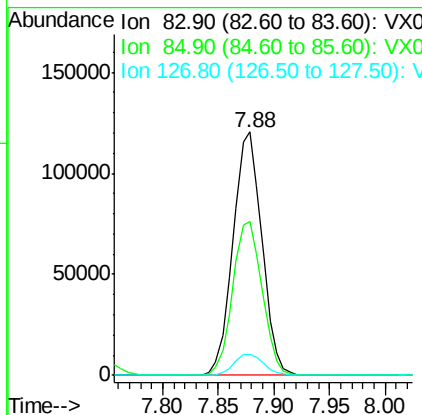
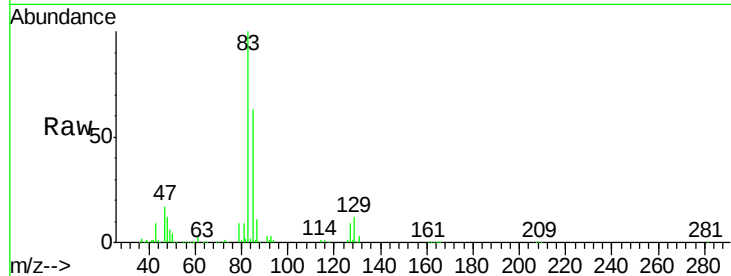
ClientSampleId :

1004-MW-02MSD

Tot Ion:	83	Resp:	216810
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.0	79.4
127	8.8	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#48

Methyl methacrylate

Concen: 55.923 ug/l

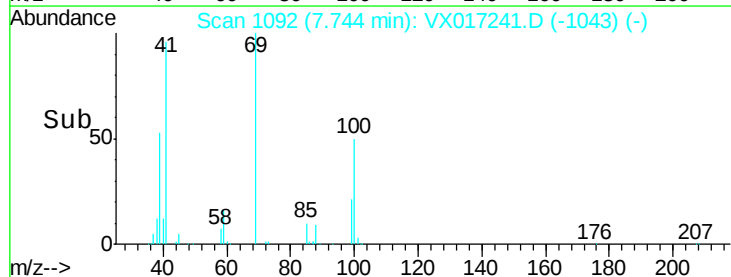
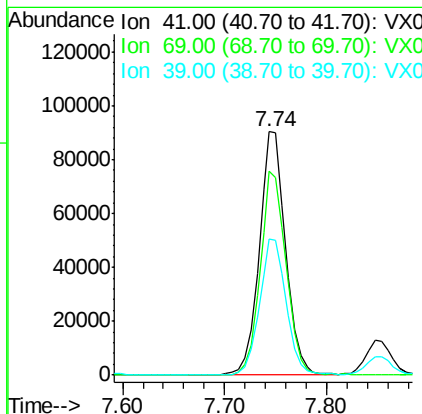
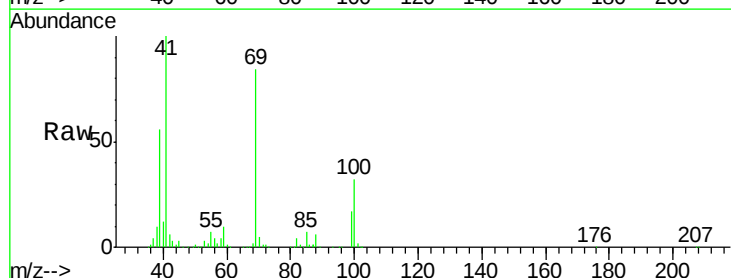
RT: 7.74 min Scan# 1092

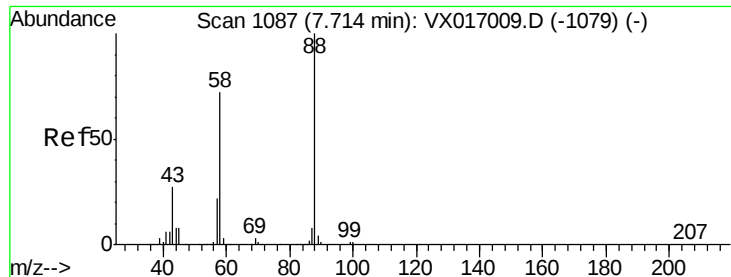
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	41	Resp:	161462
Ion	Ratio	Lower	Upper
41	100		
69	82.7	65.8	98.8
39	56.6	42.5	63.7





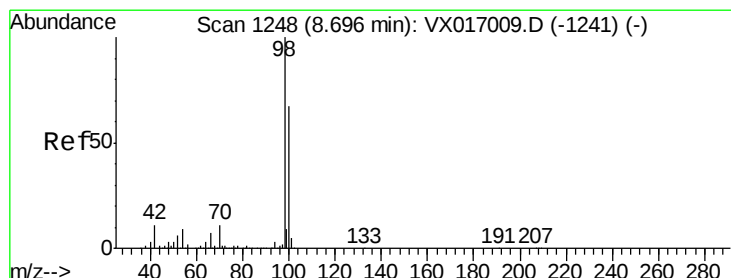
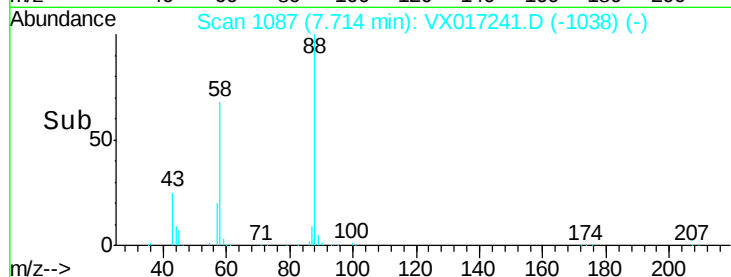
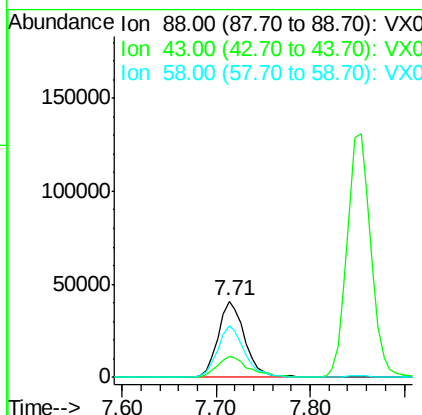
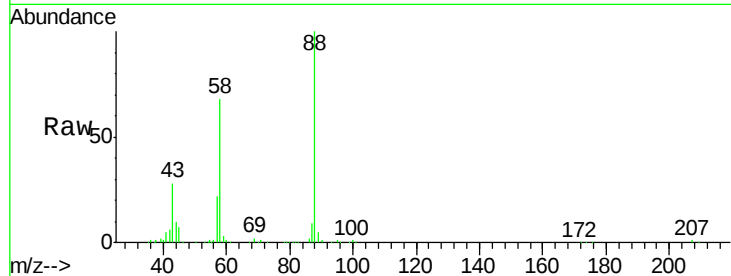
#49
1,4-Dioxane
Concen: 1222.865 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	69.0	54.8	82.2

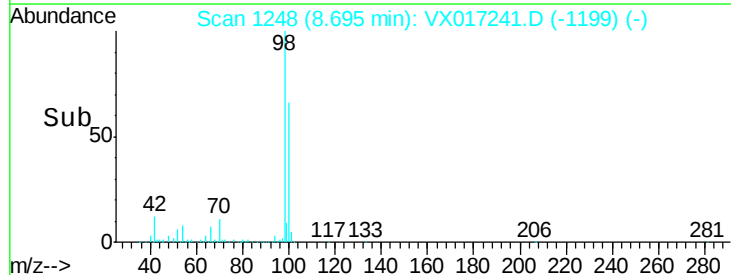
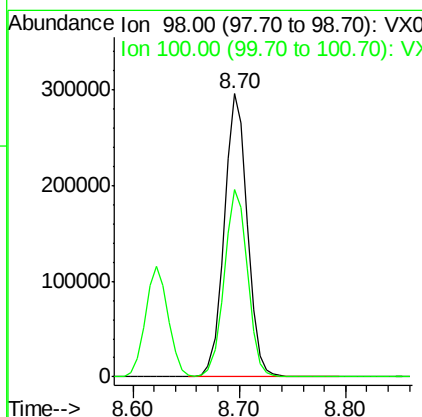
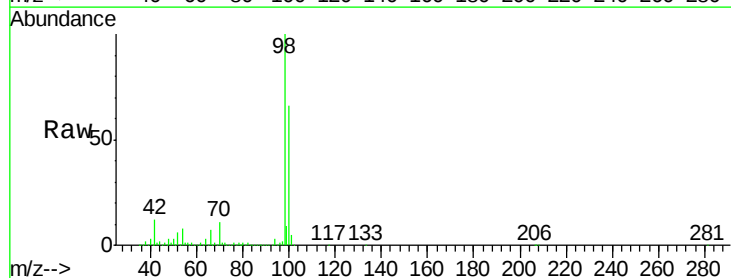
Manual Integrations
APPROVED

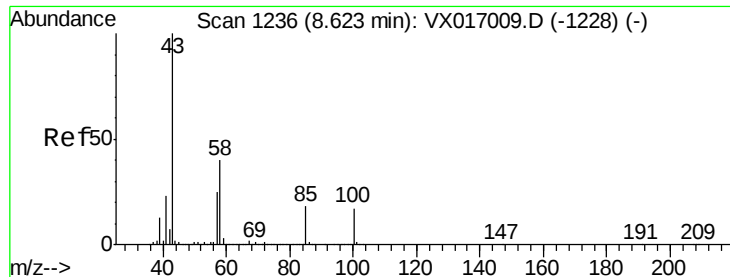
MMDadoda
7/8/2020 9:32:07 AM



#50
Toluene-d8
Concen: 50.208 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6





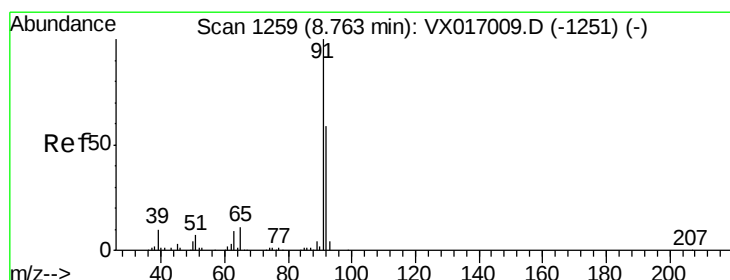
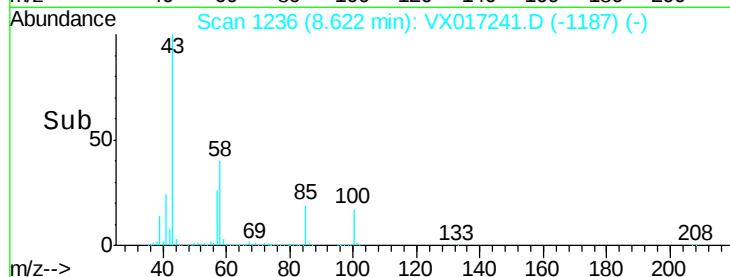
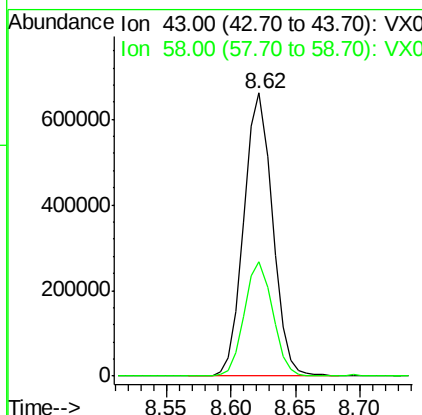
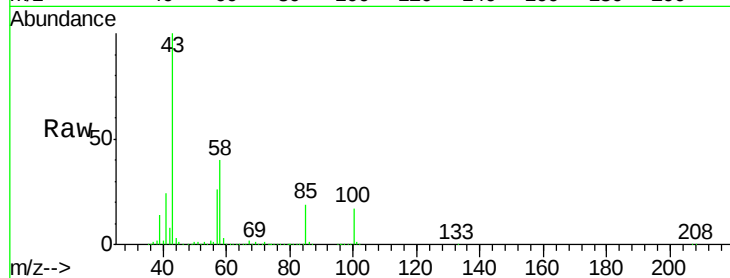
#51
4-Methyl-2-Pentanone
Concen: 281.081 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion: 43 Resp: 1018230
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

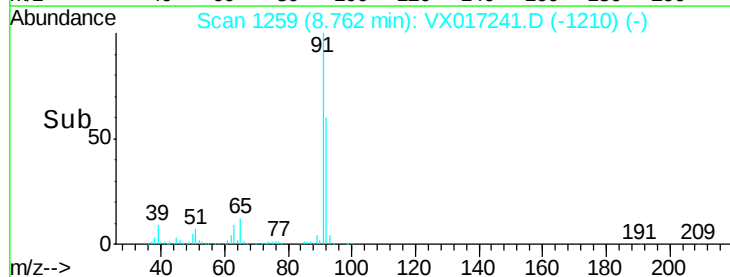
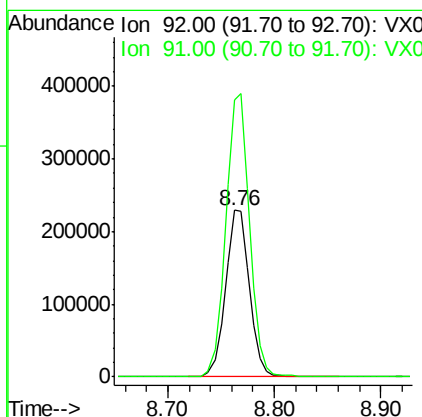
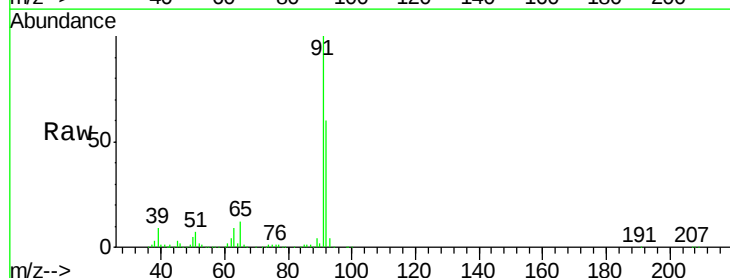
Manual Integrations
APPROVED

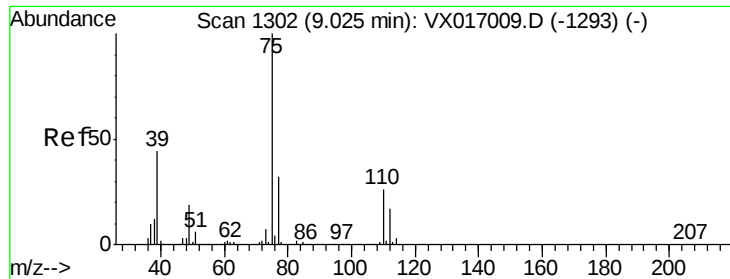
MMDadoda
7/8/2020 9:32:07 AM



#52
Toluene
Concen: 54.149 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion: 92 Resp: 358038
Ion Ratio Lower Upper
92 100
91 169.1 136.9 205.3





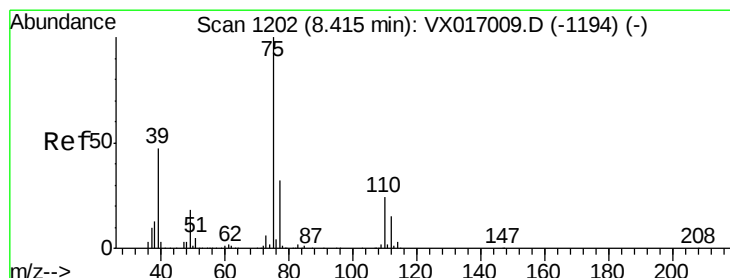
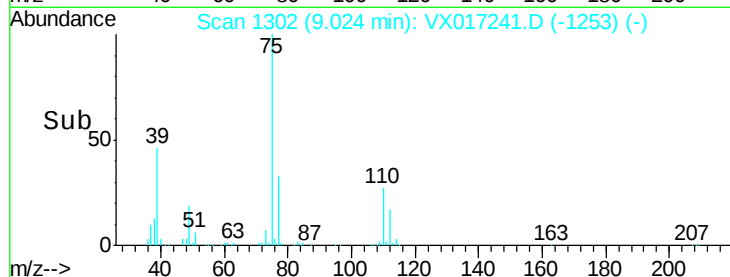
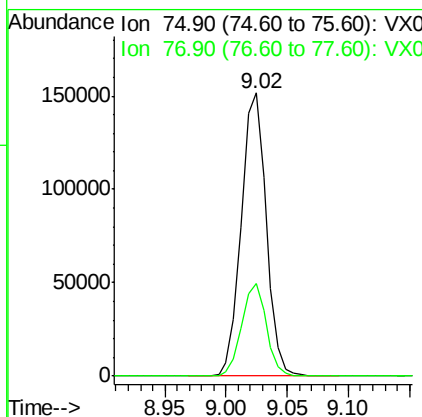
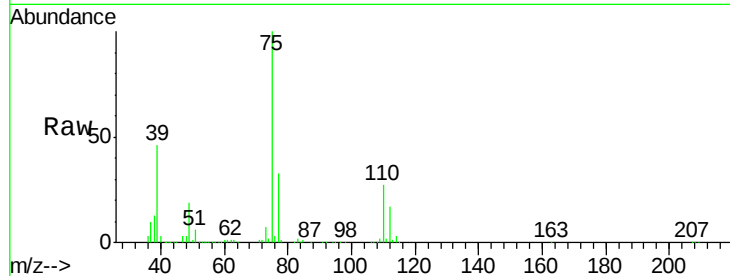
#53
t-1,3-Dichloropropene
Concen: 51.011 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.6	38.4

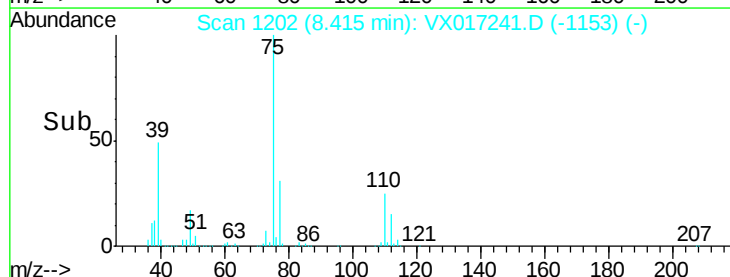
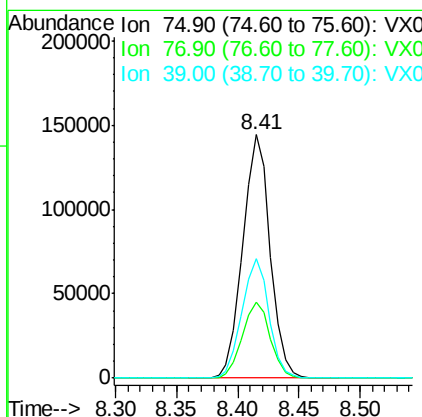
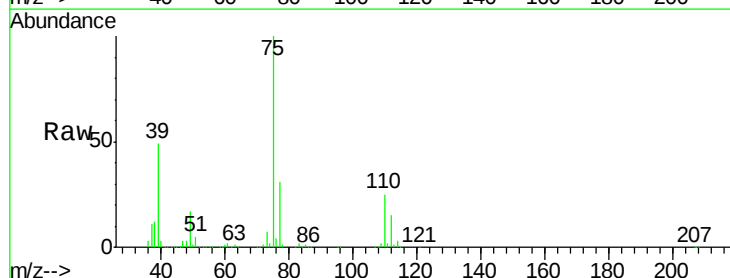
Manual Integrations
APPROVED

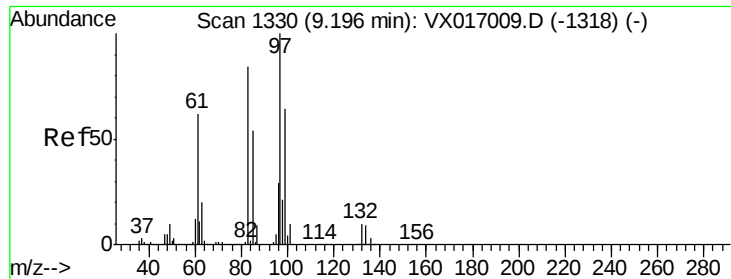
MMDadoda
7/8/2020 9:32:07 AM



#54
cis-1,3-Dichloropropene
Concen: 49.477 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.1	25.2	37.8
39	48.9	37.4	56.2





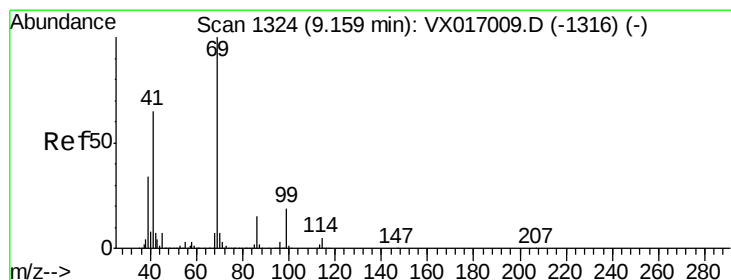
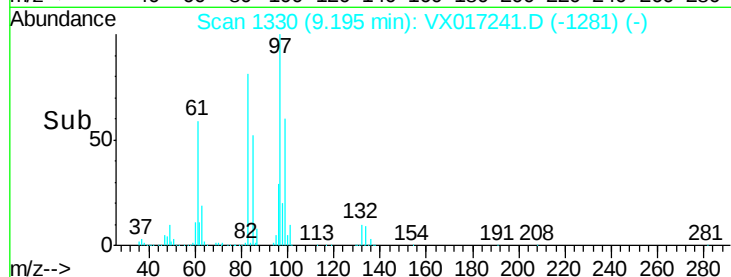
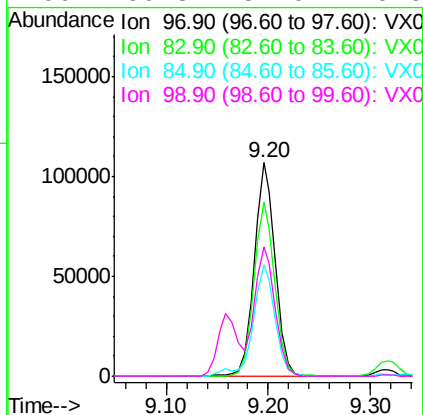
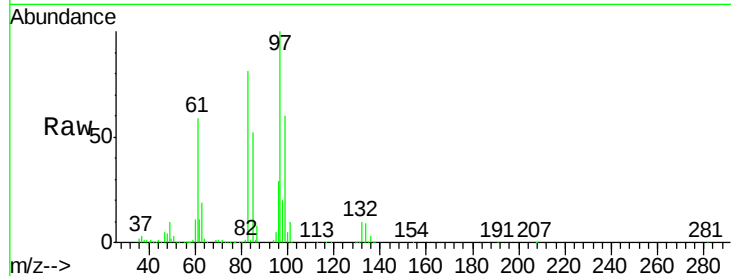
#55
 1,1,2-Trichloroethane
 Concen: 56.827 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.4	67.0	100.6
85	52.1	43.5	65.3
99	60.3	51.0	76.6

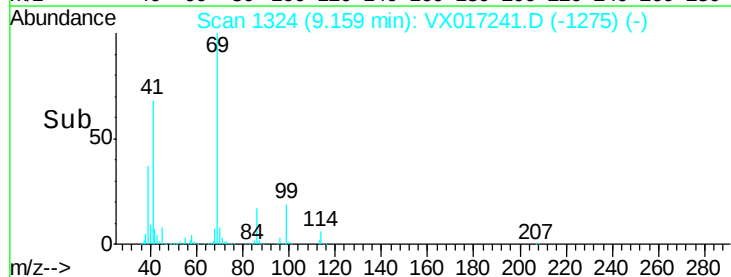
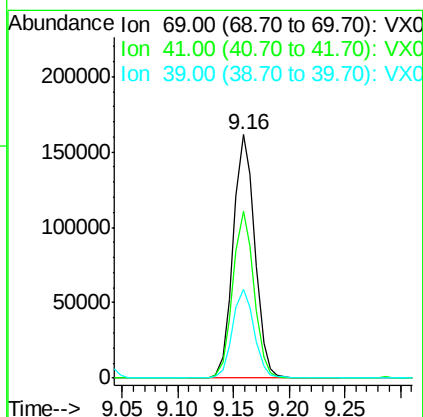
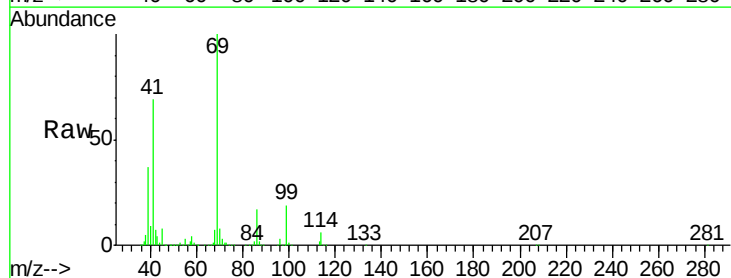
Manual Integrations
 APPROVED

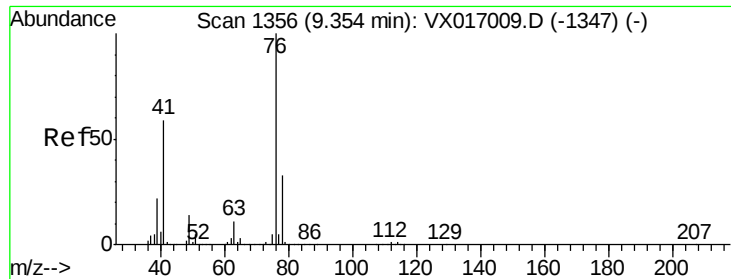
MMDadoda
 7/8/2020 9:32:07 AM



#56
 Ethyl methacrylate
 Concen: 56.549 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.6	80.4
39	36.5	28.2	42.2





#57

1,3-Dichloropropane

Concen: 55.286 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 76 Resp: 252725

Ion Ratio Lower Upper

76 100

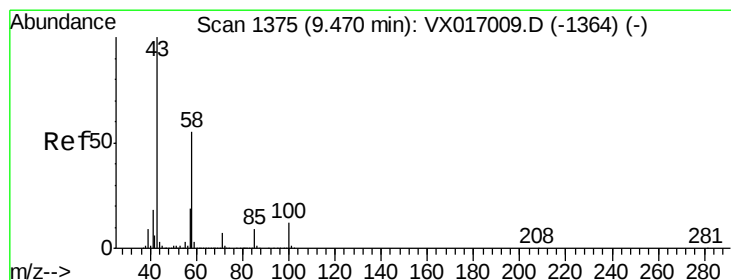
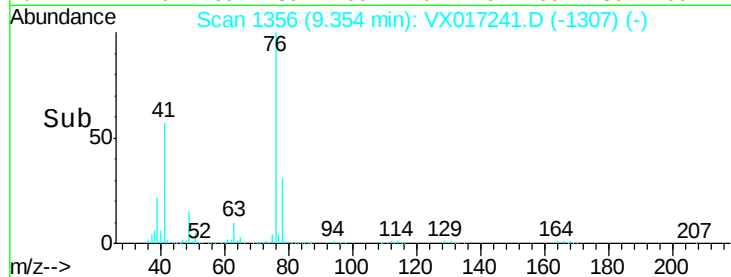
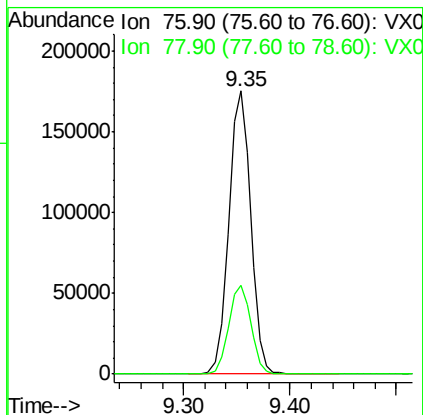
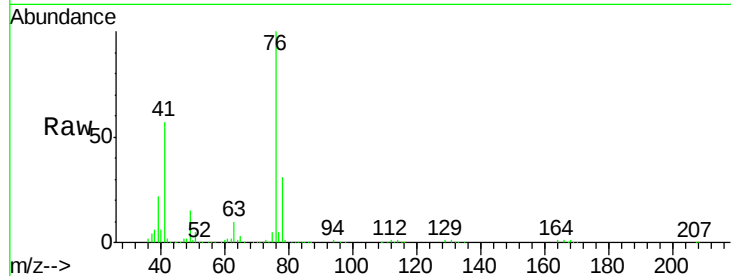
78 31.9 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:07 AM



#59

2-Hexanone

Concen: 298.278 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX017241.D

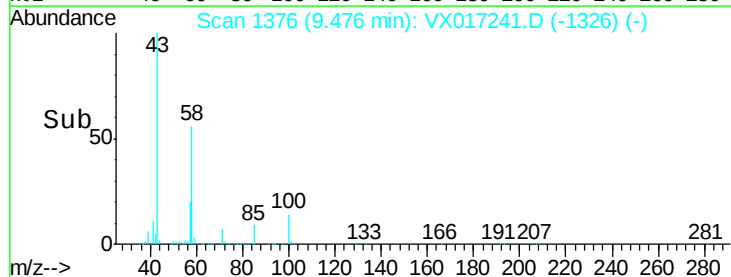
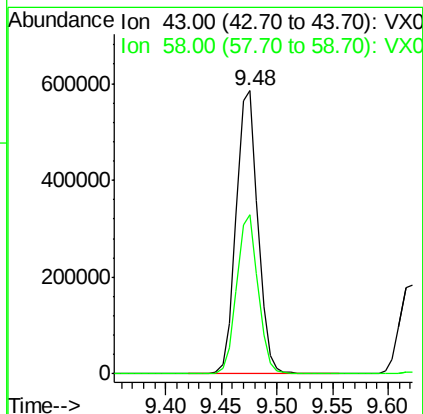
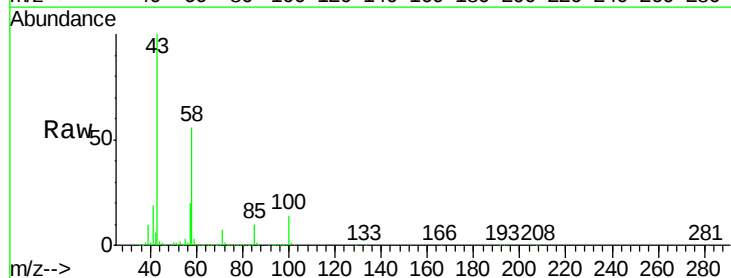
Acq: 08 Jul 2020 06:39

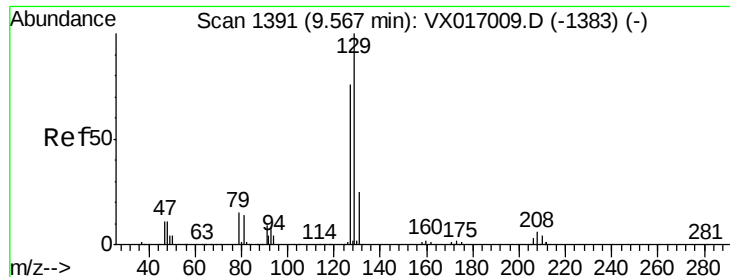
Tgt Ion: 43 Resp: 789145

Ion Ratio Lower Upper

43 100

58 55.6 27.9 83.6





#60

Dibromochloromethane

Concen: 59.399 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion:129 Resp: 186379

Ion Ratio Lower Upper

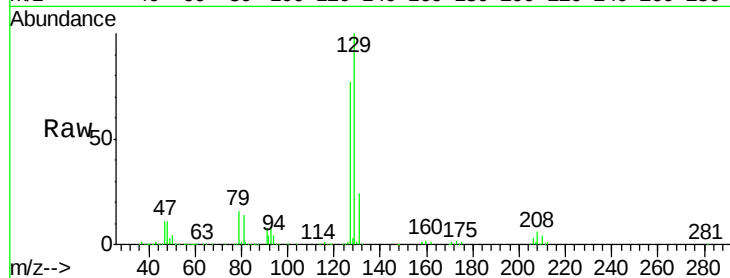
129 100

127 77.2 38.9 116.7

Manual Integrations
APPROVED

MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

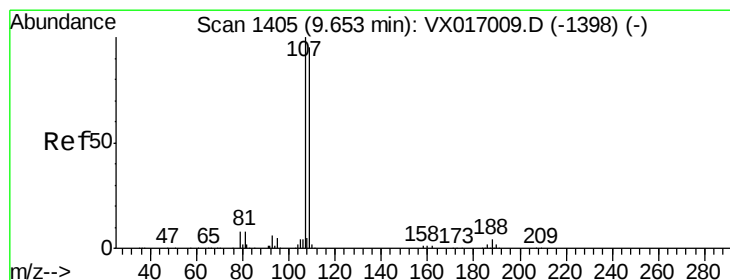
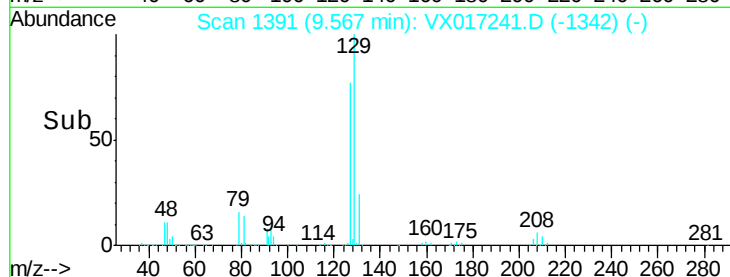
150000

100000

50000

0

Time-->



#61

1,2-Dibromoethane

Concen: 56.504 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017241.D

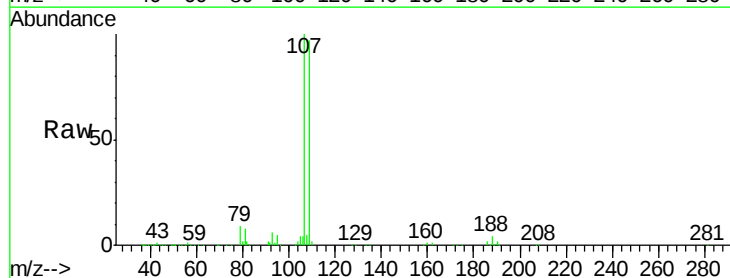
Acq: 08 Jul 2020 06:39

Tgt Ion:107 Resp: 164081

Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

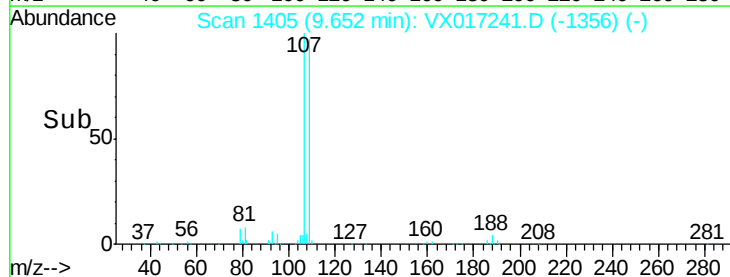
9.65

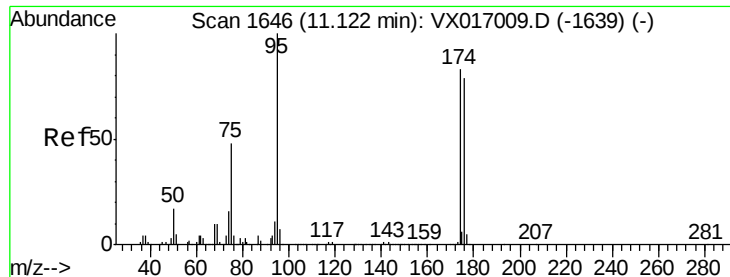
100000

50000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 52.769 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

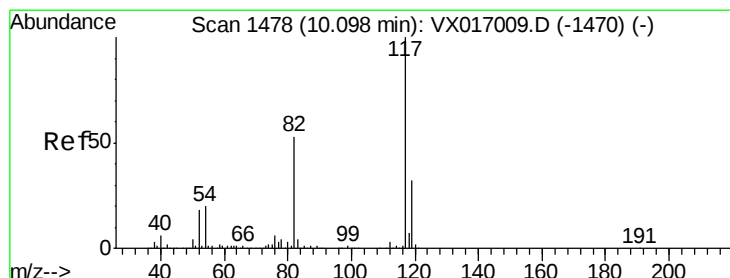
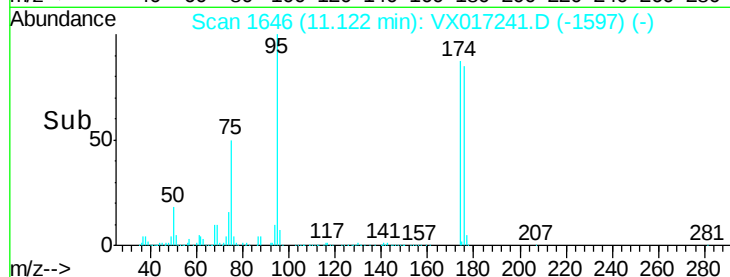
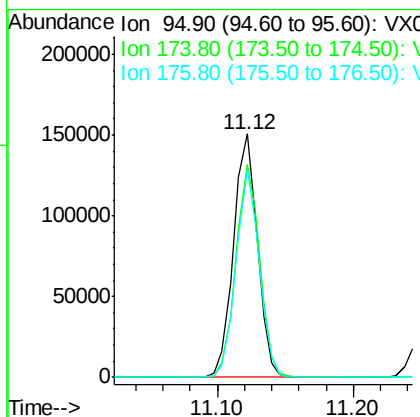
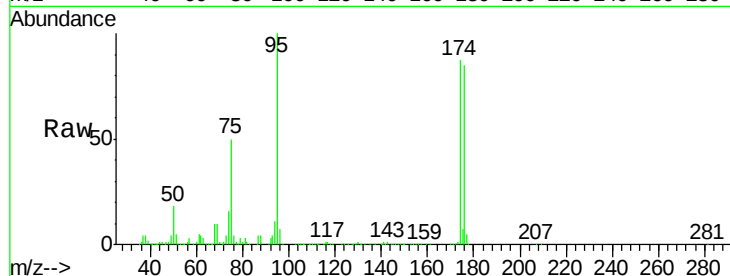
ClientSampleId :

1004-MW-02MSD

Tot Ion:	95	Resp:	184018
Ion Ratio	Lower	Upper	
95	100		
174	87.2	0.0	164.0
176	82.9	0.0	157.6

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

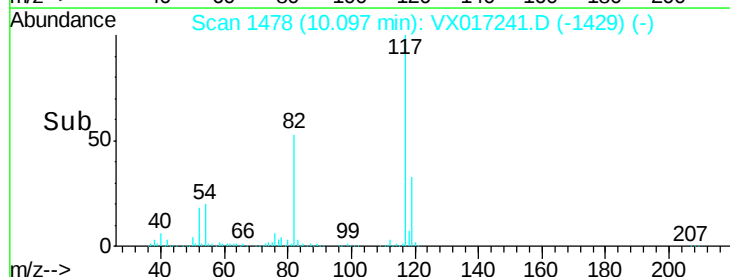
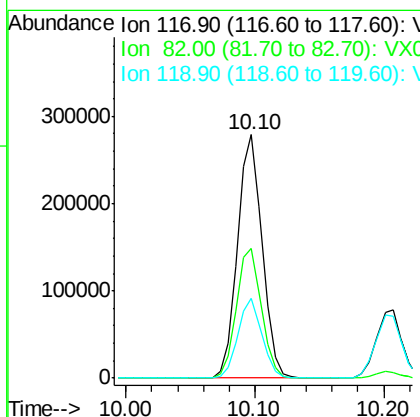
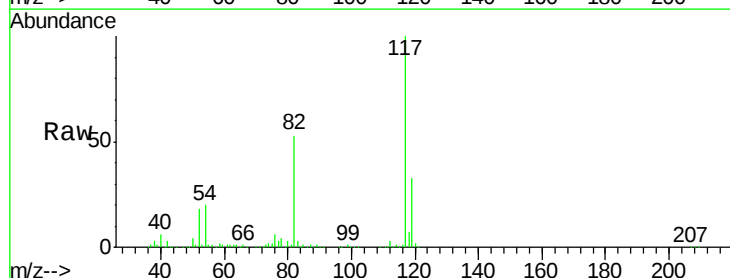
RT: 10.10 min Scan# 1478

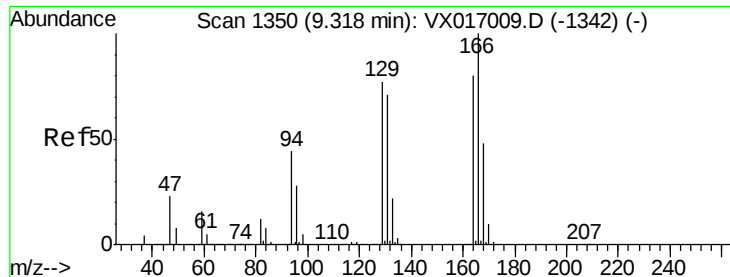
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	117	Resp:	370137
Ion Ratio	Lower	Upper	
117	100		
82	53.3	42.6	63.8
119	32.8	25.4	38.2





#64

Tetrachloroethene

Concen: 199.691 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

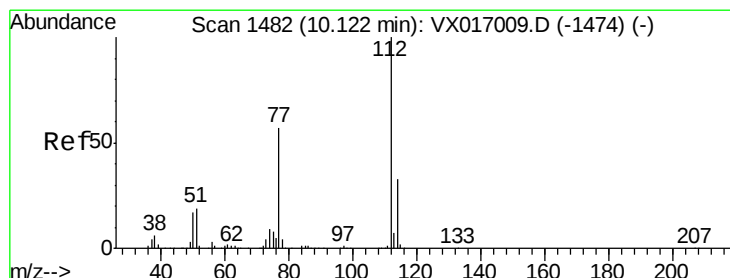
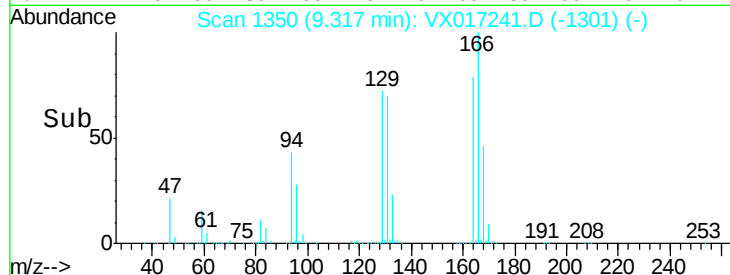
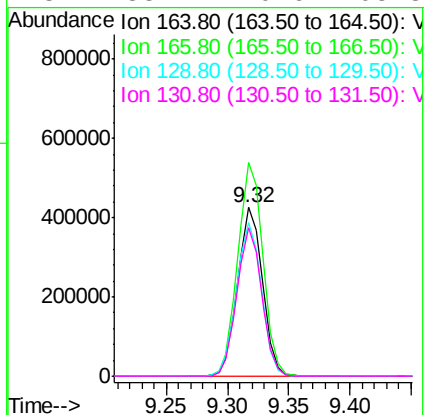
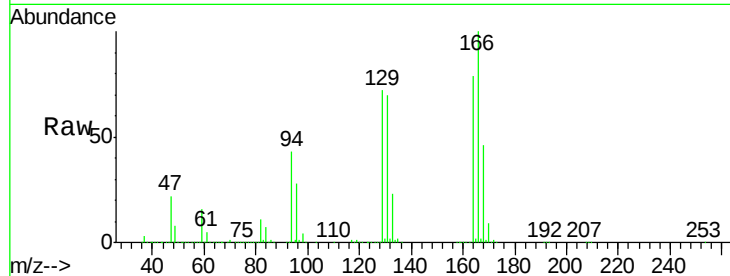
ClientSampleId :

1004-MW-02MSD

Tot Ion:	164	Resp:	596525
Ion Ratio	Lower	Upper	
164	100		
166	126.8	99.4	149.0
129	91.1	76.3	114.5
131	88.1	70.6	105.8

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#65

Chlorobenzene

Concen: 52.455 ug/l

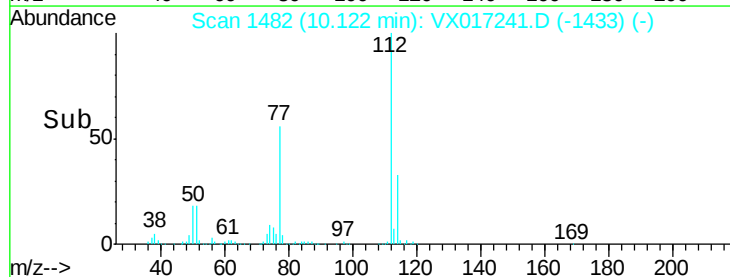
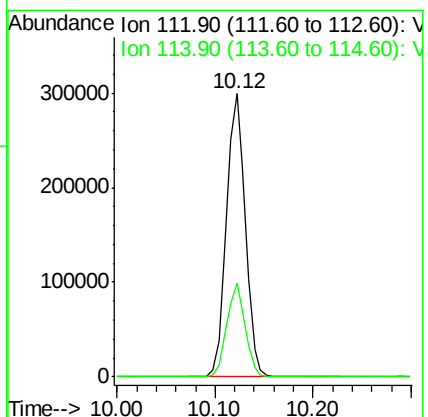
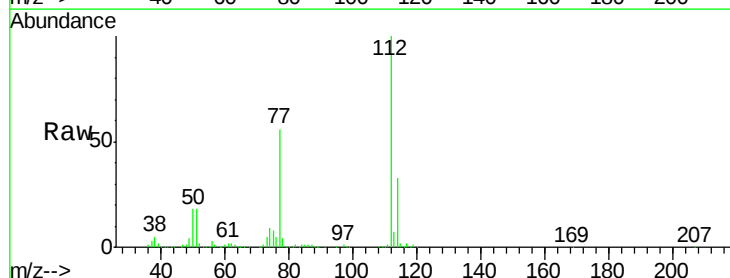
RT: 10.12 min Scan# 1482

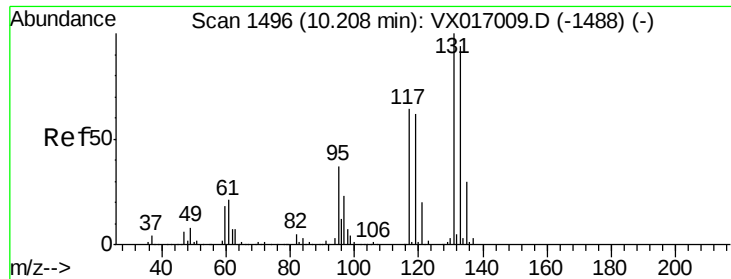
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	112	Resp:	400722
Ion Ratio	Lower	Upper	
112	100		
114	33.2	26.2	39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 55.059 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

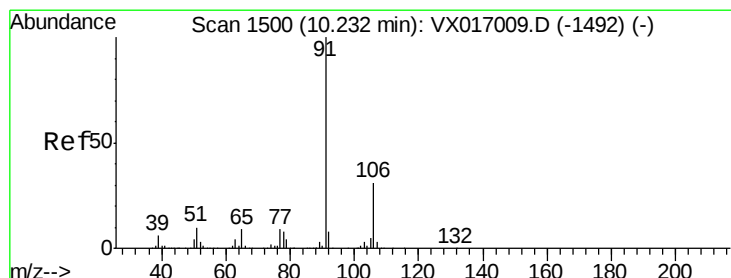
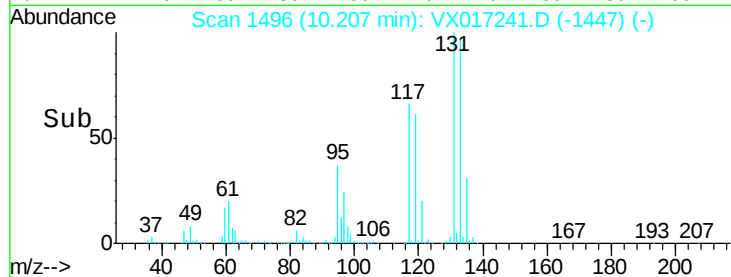
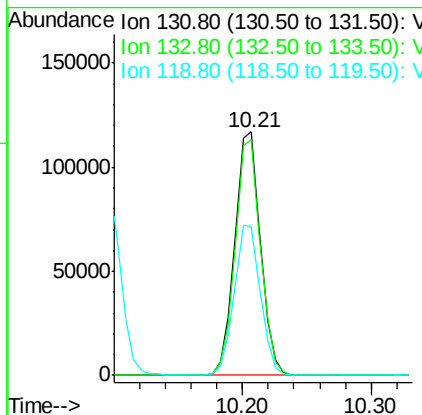
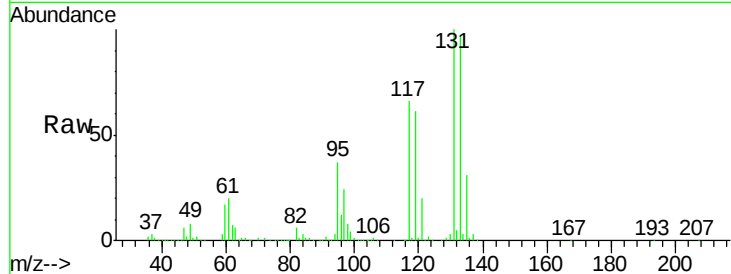
ClientSampleId :

1004-MW-02MSD

Tot Ion:	131	Resp:	162101
Ion Ratio	Lower	Upper	
131	100		
133	96.0	47.3	141.9
119	62.9	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#67

Ethyl Benzene

Concen: 53.764 ug/l

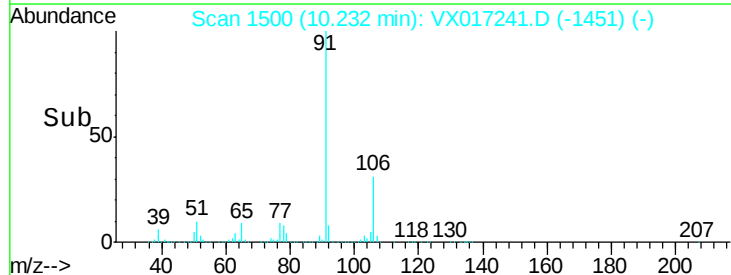
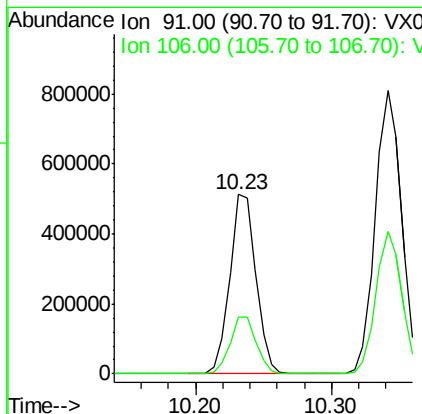
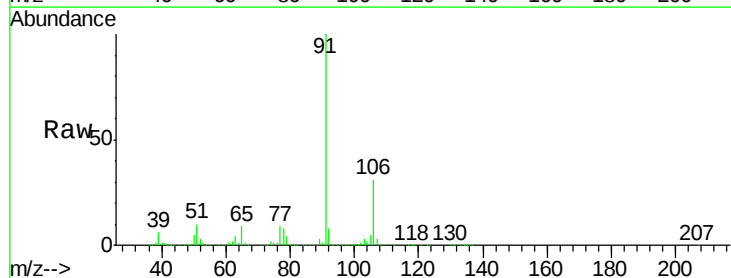
RT: 10.23 min Scan# 1500

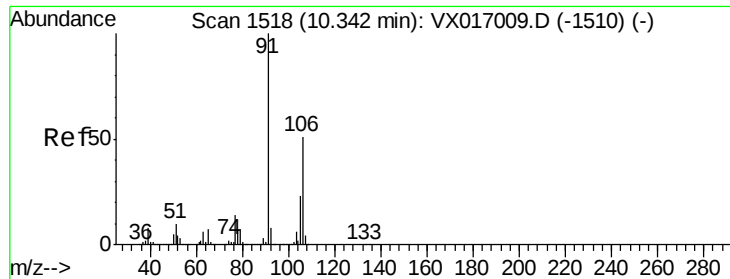
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	91	Resp:	685916
Ion Ratio	Lower	Upper	
91	100		
106	31.4	24.7	37.1





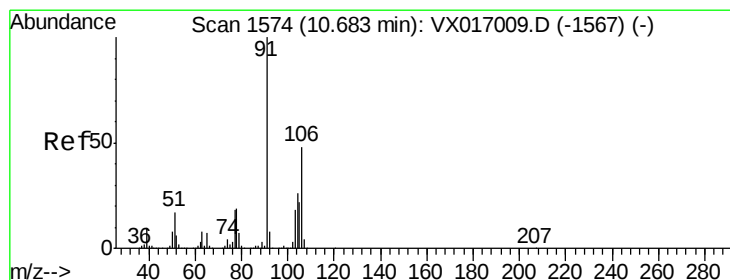
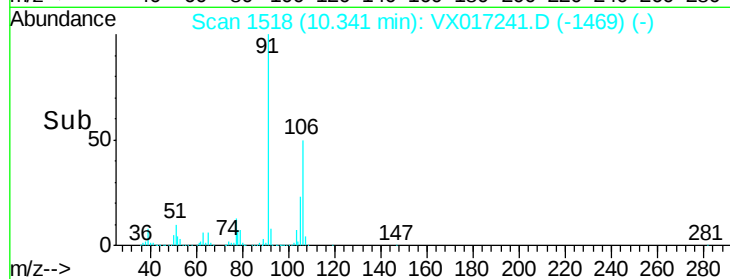
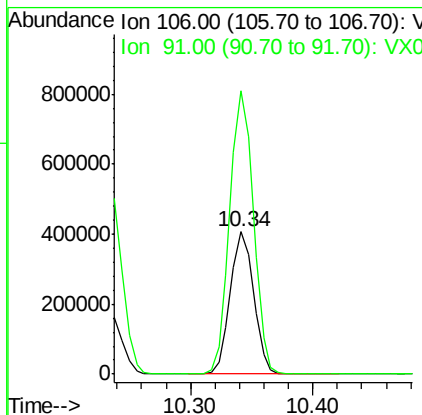
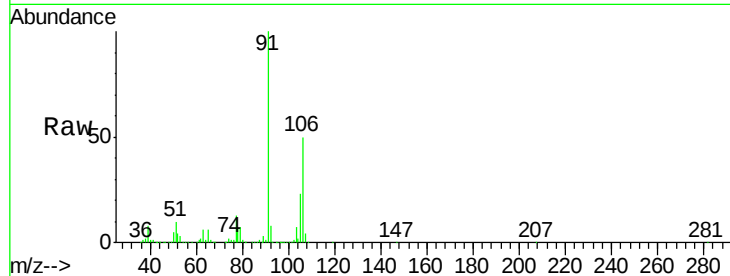
#68
m/p-Xylenes
Concen: 110.286 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		540248		
91	201.1	158.6	238.0		

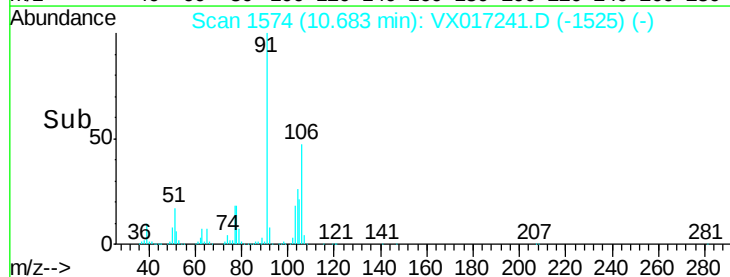
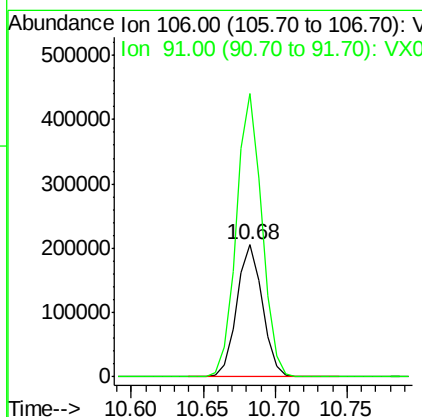
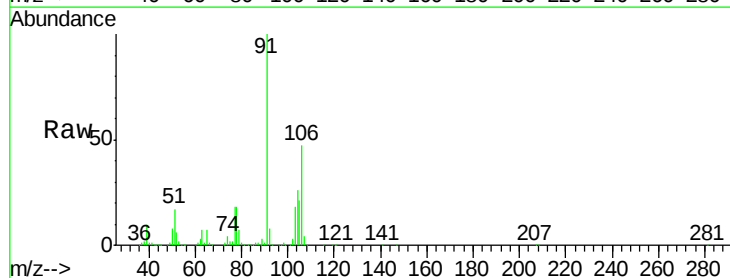
Manual Integrations
APPROVED

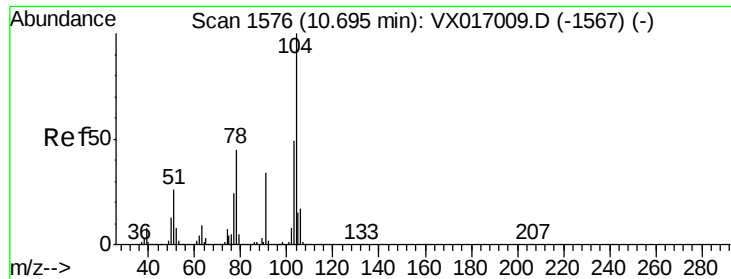
MMDadoda
7/8/2020 9:32:07 AM



#69
o-Xylene
Concen: 54.861 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		255657		
91	213.2	105.6	316.7		





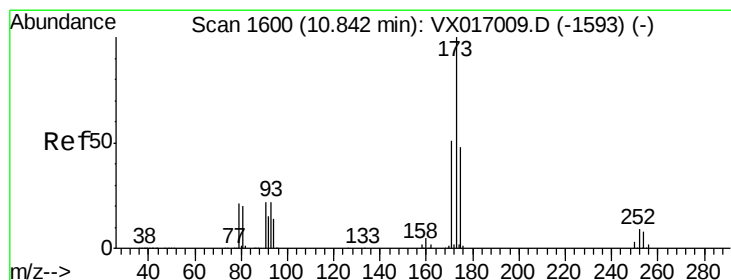
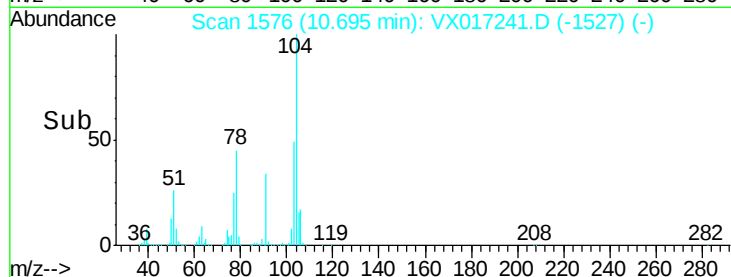
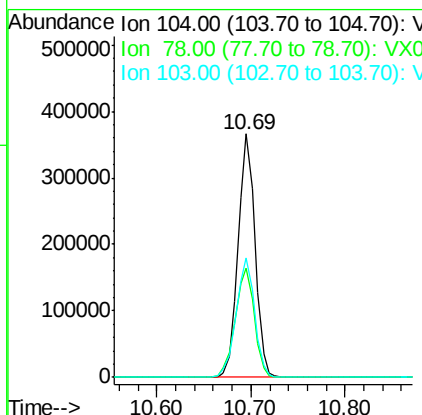
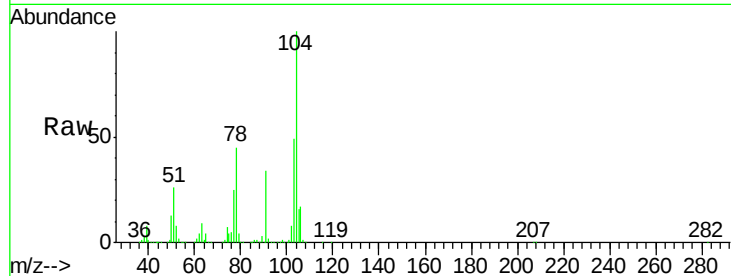
#70
Stvrene
Concen: 57.704 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.4	39.5	59.3
103	53.3	43.0	64.6

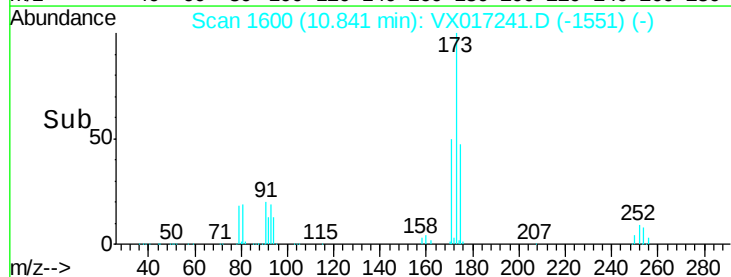
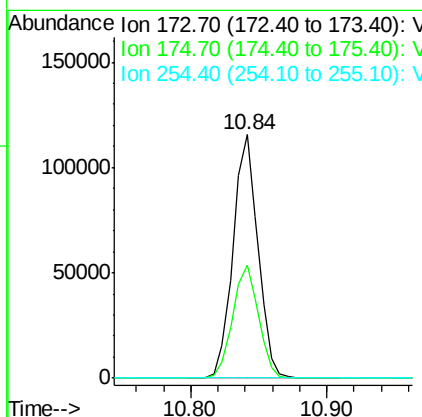
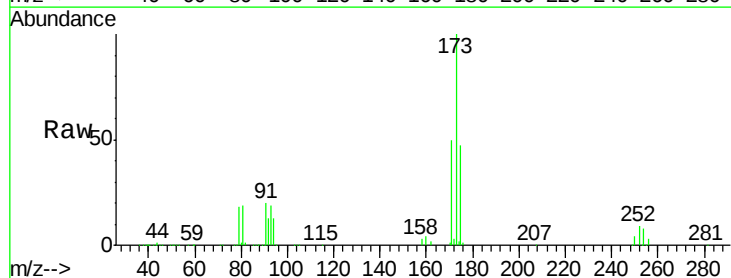
Manual Integrations
APPROVED

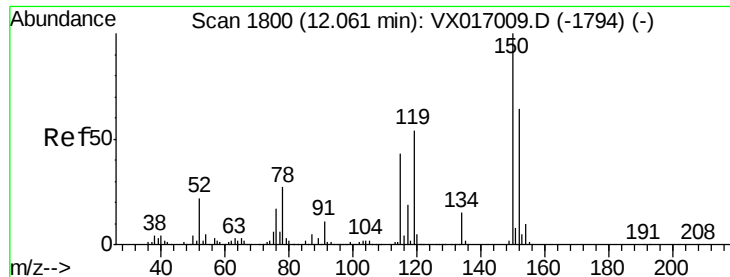
MMDadoda
7/8/2020 9:32:07 AM



#71
Bromoform
Concen: 62.873 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.5	73.5
254	0.2	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: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion:152 Resp: 207249

Ion Ratio Lower Upper

152 100

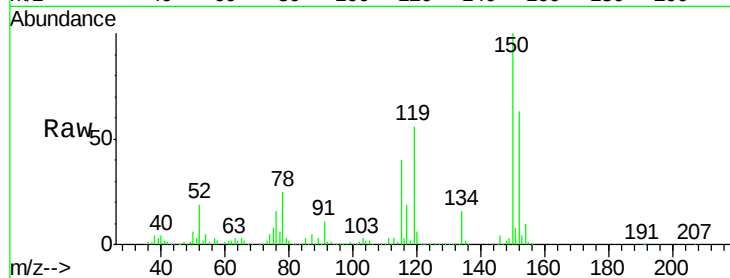
115 80.9 40.9 122.7

150 176.1 0.0 351.6

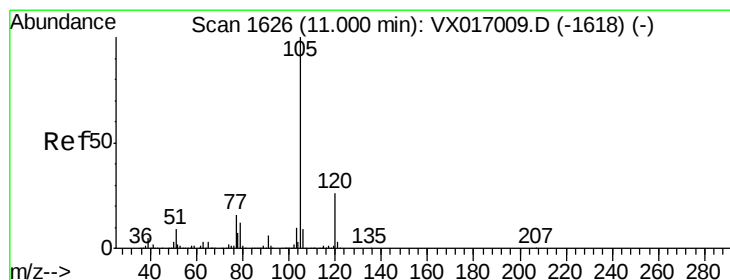
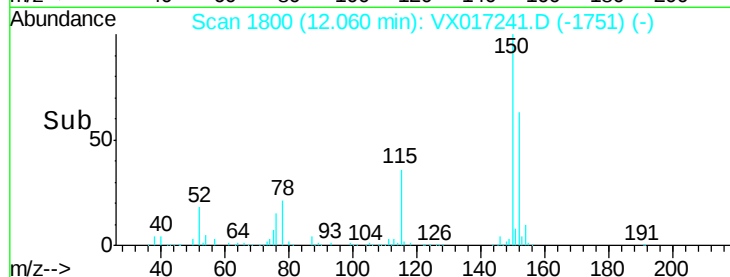
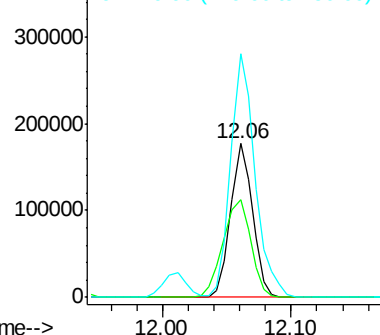
Manual Integrations
APPROVED

MMDadoda

7/8/2020 9:32:07 AM



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: 51.708 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017241.D

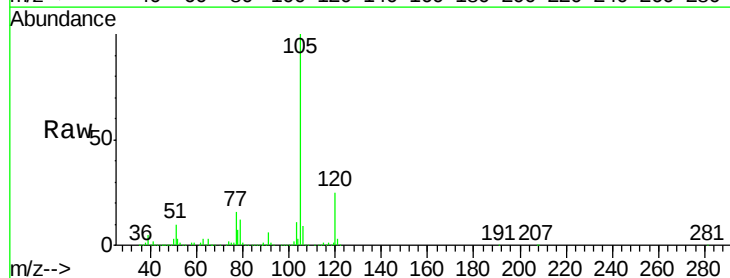
Acq: 08 Jul 2020 06:39

Tgt Ion:105 Resp: 701938

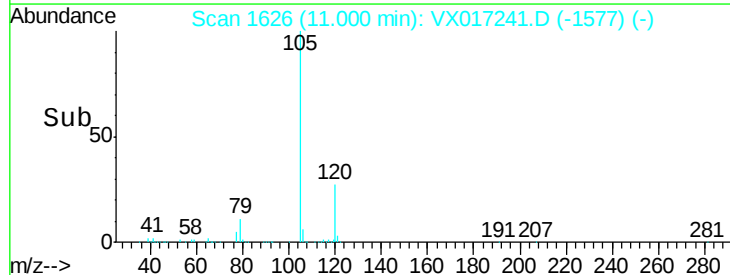
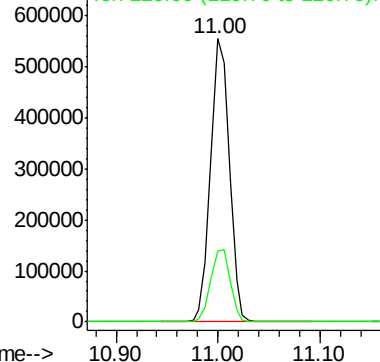
Ion Ratio Lower Upper

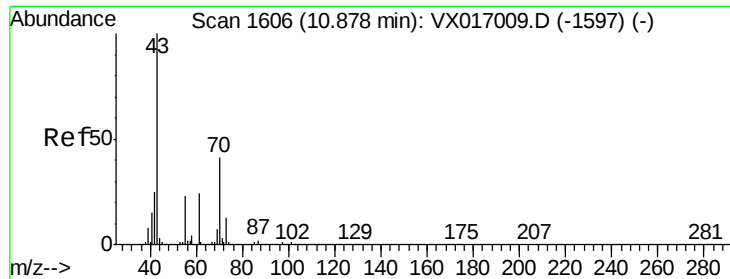
105 100

120 26.5 13.4 40.2



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





#74

N-amvl acetate

Concen: 43.688 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

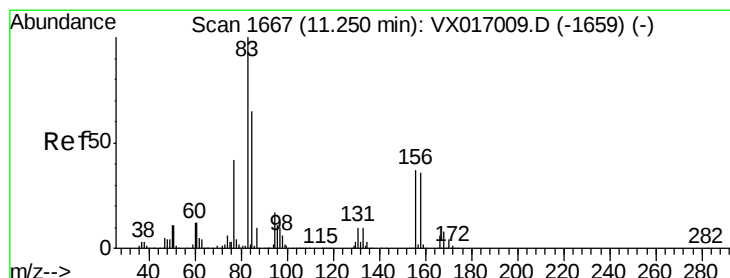
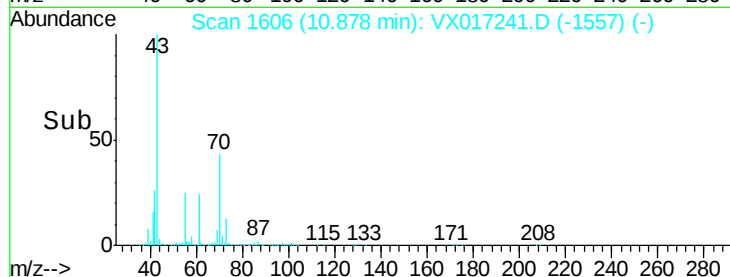
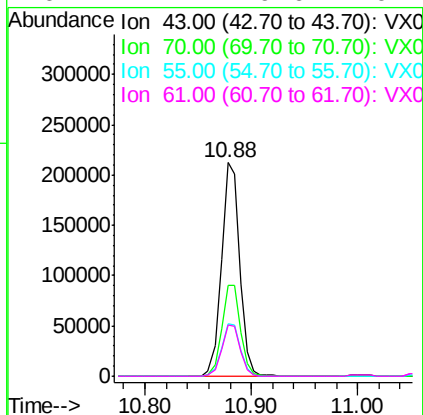
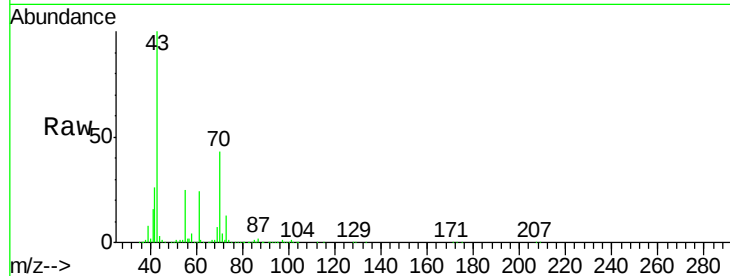
ClientSampleId :

1004-MW-02MSD

Tot Ion	43	Resp	253056
Ion Ratio	Lower	Upper	
43	100		
70	43.5	34.2	51.2
55	25.5	19.2	28.8
61	24.7	19.6	29.4

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.687 ug/l

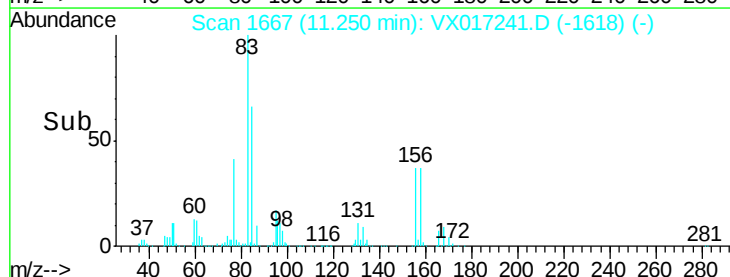
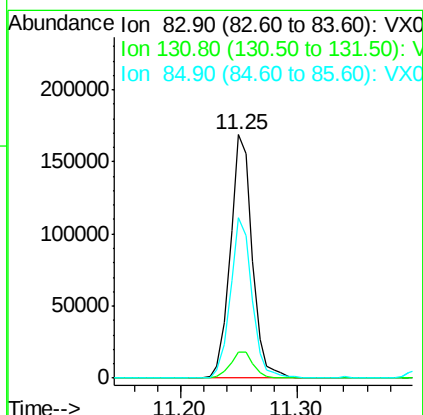
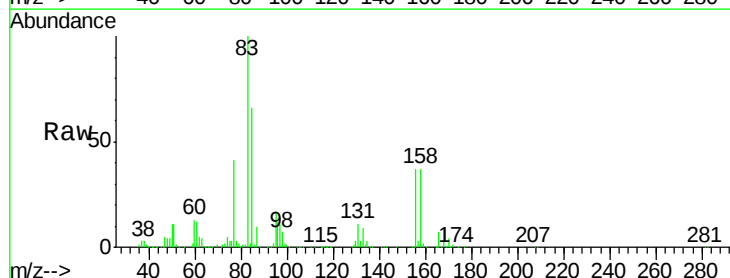
RT: 11.25 min Scan# 1667

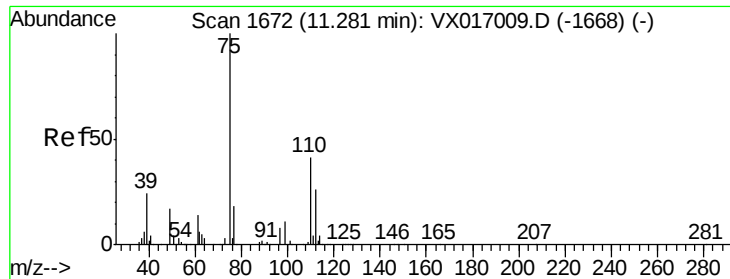
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion	83	Resp	220708
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.4	16.2
85	65.1	31.9	95.9





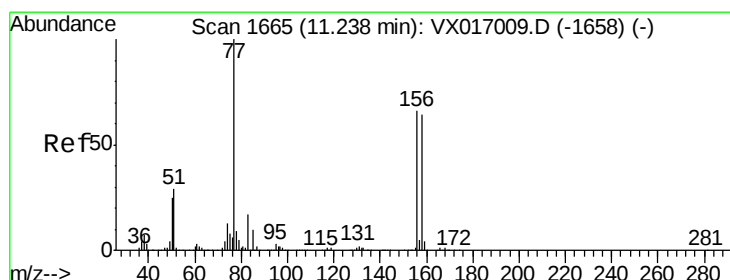
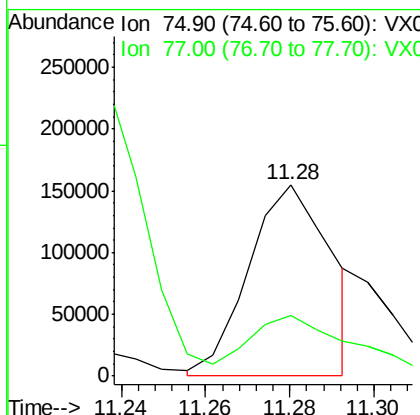
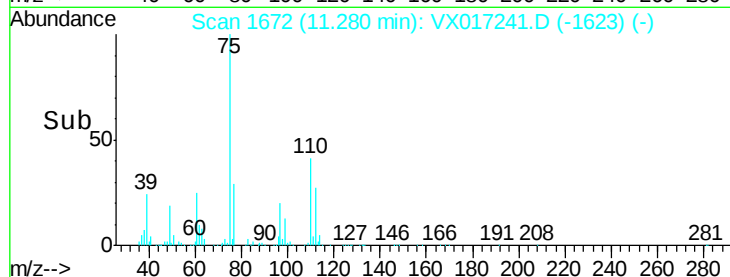
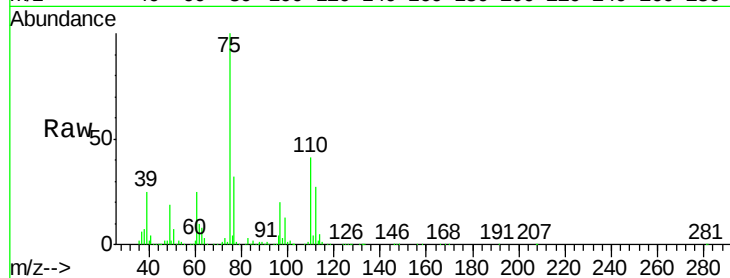
#76
1,2,3-Trichloropropane
Concen: 51.349 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampled :
1004-MW-02MSD

Tot Ion: 75 Resp: 209270
Ion Ratio Lower Upper
75 100
77 39.9 20.2 60.6

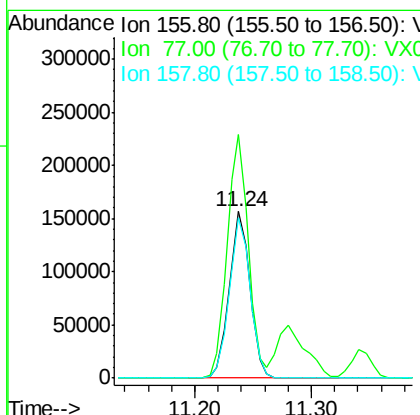
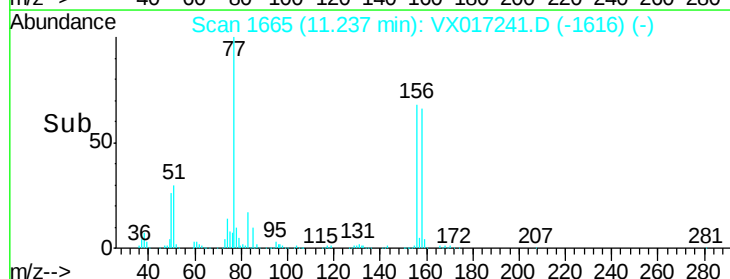
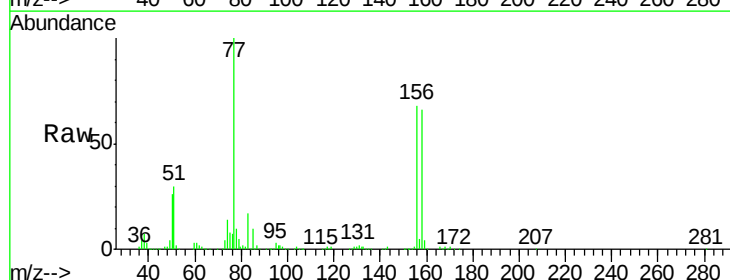
Manual Integrations
APPROVED

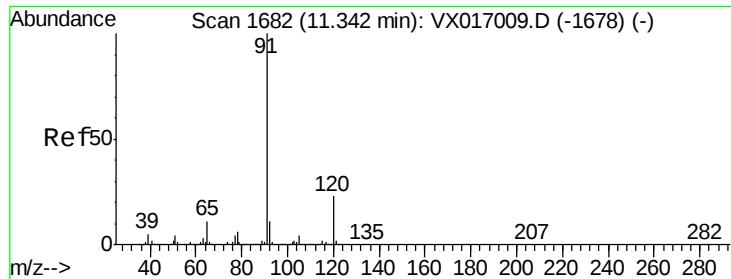
MMDadoda
7/8/2020 9:32:07 AM



#77
Bromobenzene
Concen: 52.011 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion: 156 Resp: 194048
Ion Ratio Lower Upper
156 100
77 148.9 76.9 230.7
158 97.4 47.9 143.6





#78

n-propylbenzene

Concen: 52.321 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 91 Resp: 803177

Ion Ratio Lower Upper

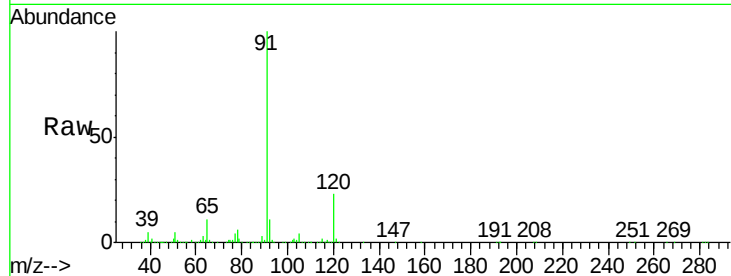
91 100

120 24.3 11.9 35.9

Manual Integrations
APPROVED

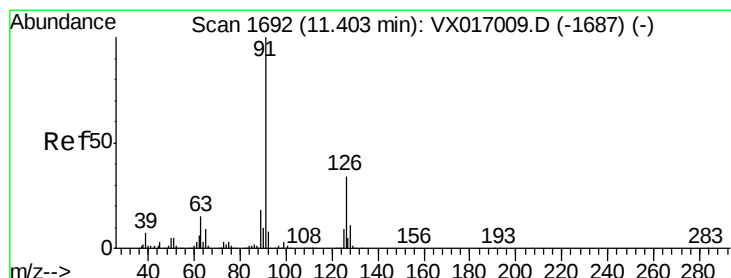
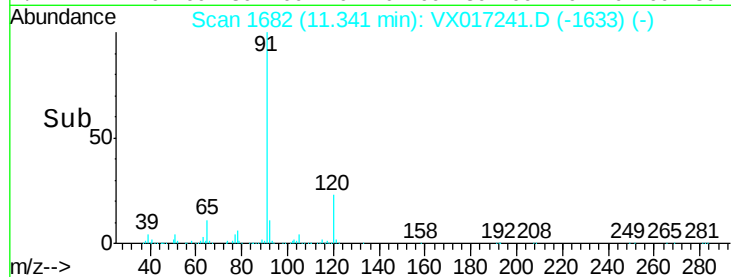
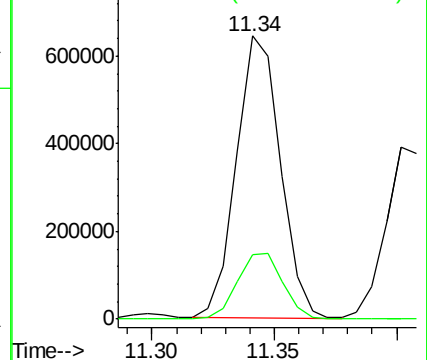
MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 52.341 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017241.D

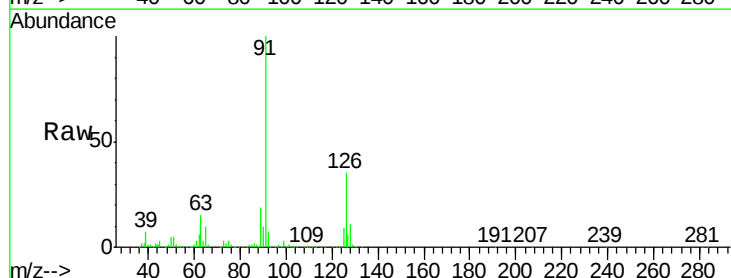
Acq: 08 Jul 2020 06:39

Tgt Ion: 91 Resp: 486282

Ion Ratio Lower Upper

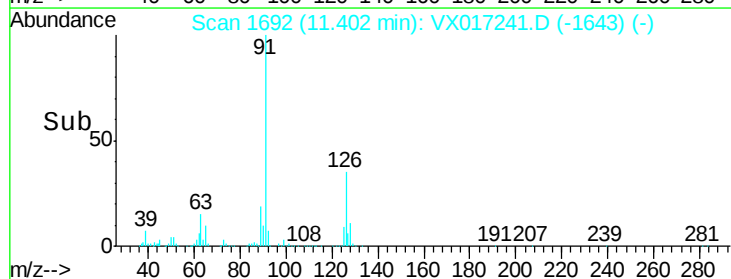
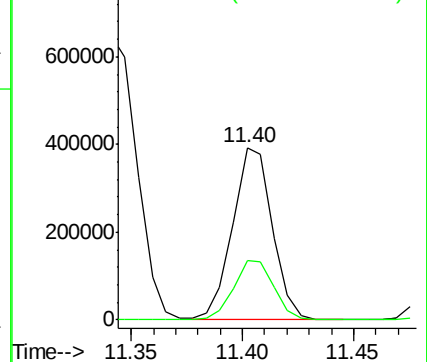
91 100

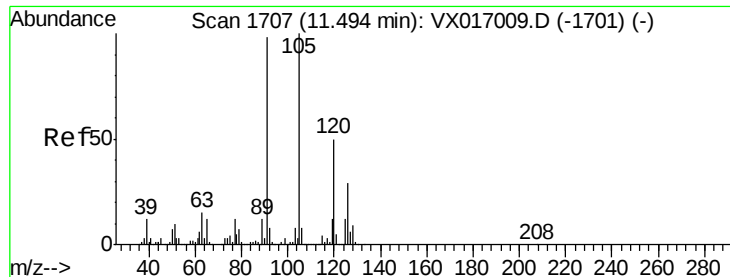
126 35.1 17.4 52.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





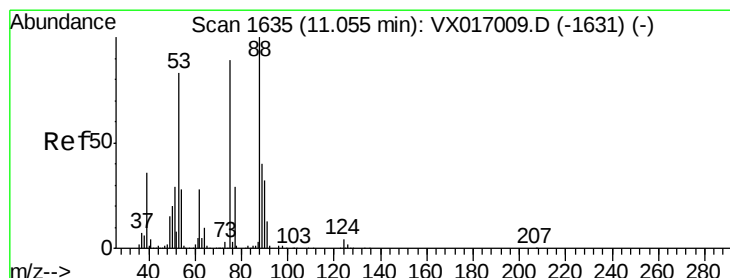
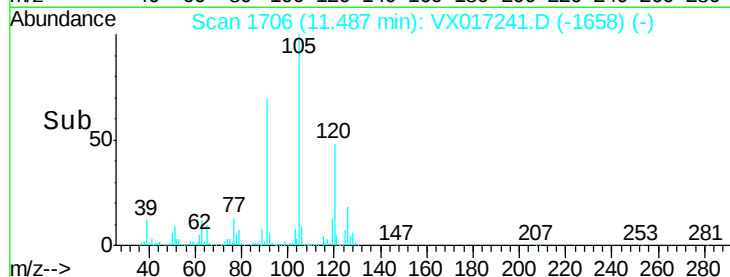
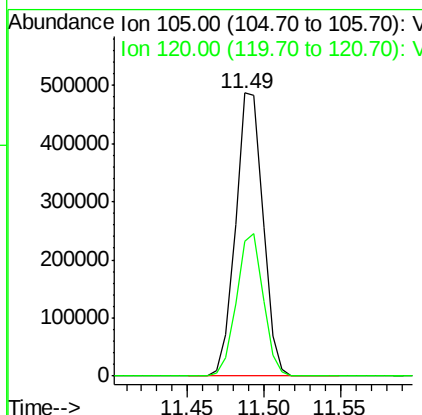
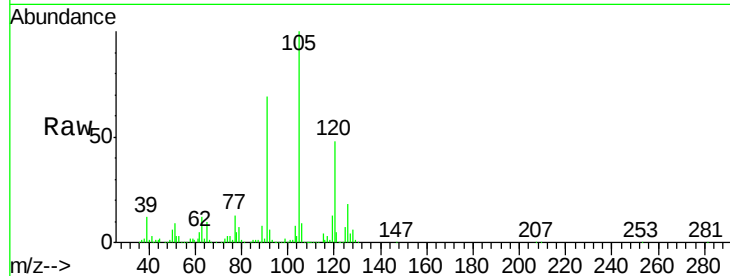
#80
 1,3,5-Trimethylbenzene
 Concen: 53.656 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	49.3	24.9	74.6

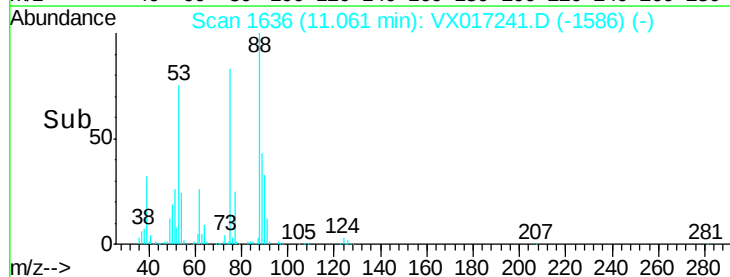
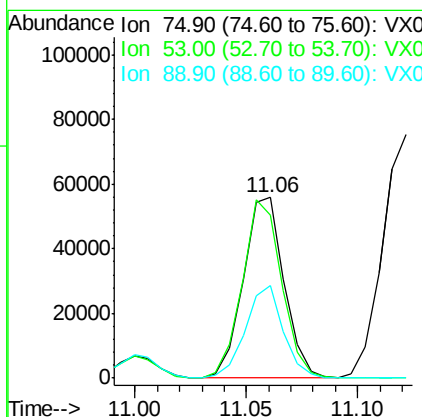
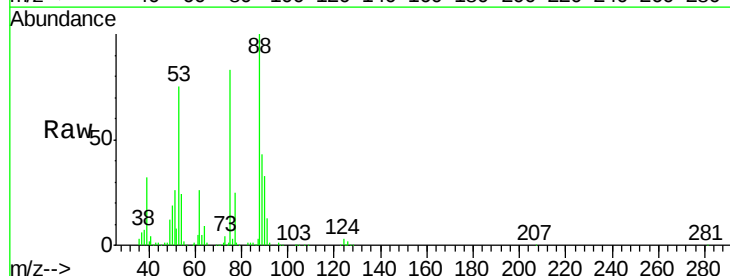
Manual Integrations
 APPROVED

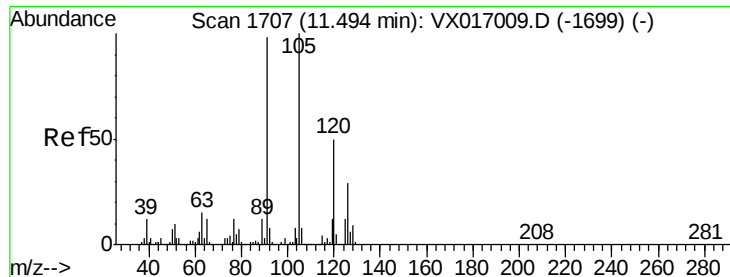
MMDadoda
 7/8/2020 9:32:07 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.231 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
75	100		
53	95.0	72.4	108.6
89	47.8	37.0	55.4





#82

4-Chlorotoluene

Concen: 52.893 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion: 91 Resp: 587450

Ion Ratio Lower Upper

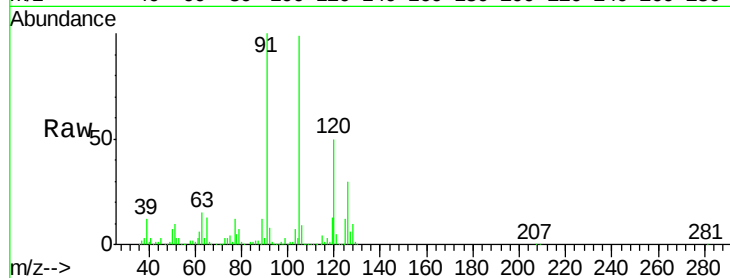
91 100

126 30.7 15.2 45.5

Manual Integrations
APPROVED

MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 91.00 (90.70 to 91.70): VX017009.D (-1699) (-)

Ion 125.90 (125.60 to 126.60): VX017009.D (-1699) (-)

11.49

500000

400000

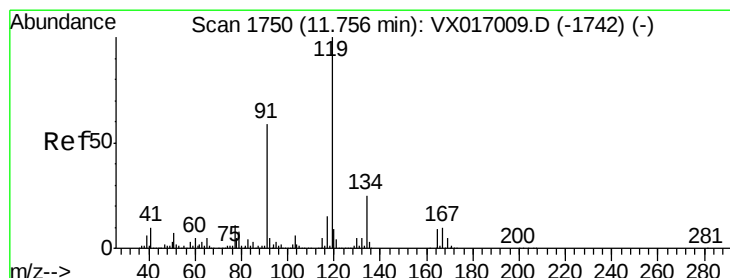
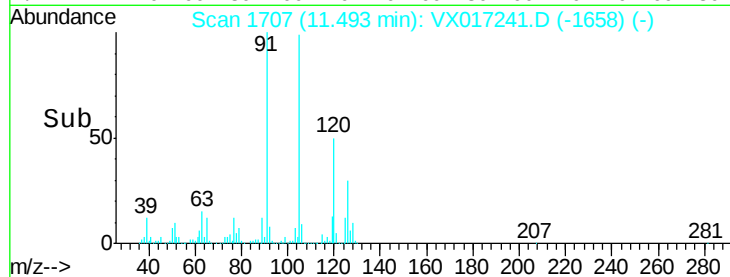
300000

200000

100000

0

Time-->



#83

tert-Butylbenzene

Concen: 54.351 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

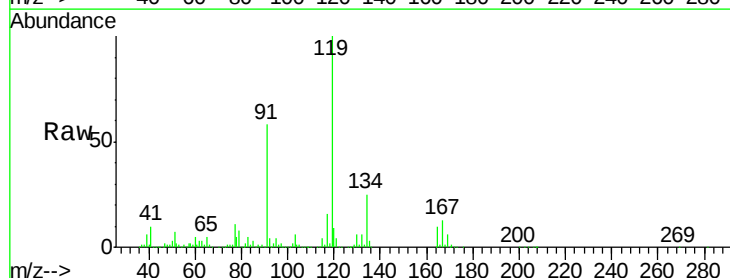
Tgt Ion: 119 Resp: 600768

Ion Ratio Lower Upper

119 100

91 55.9 28.3 84.9

134 23.7 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): VX017009.D (-1742) (-)

Ion 91.00 (90.70 to 91.70): VX017009.D (-1742) (-)

Ion 134.00 (133.70 to 134.70): VX017009.D (-1742) (-)

11.76

600000

500000

400000

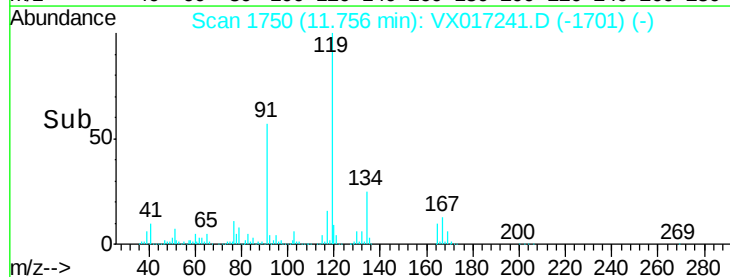
300000

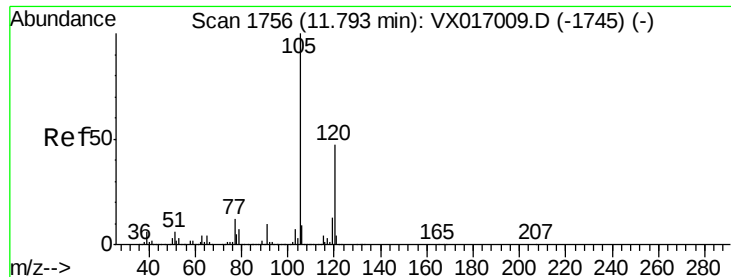
200000

100000

0

Time-->





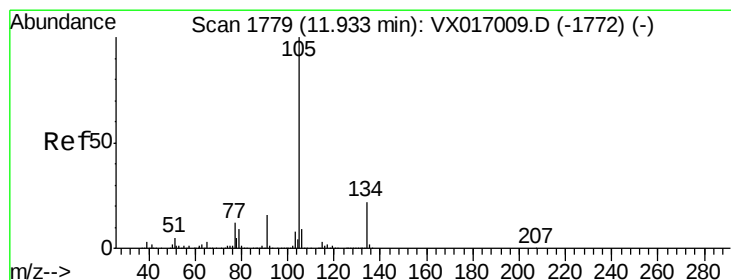
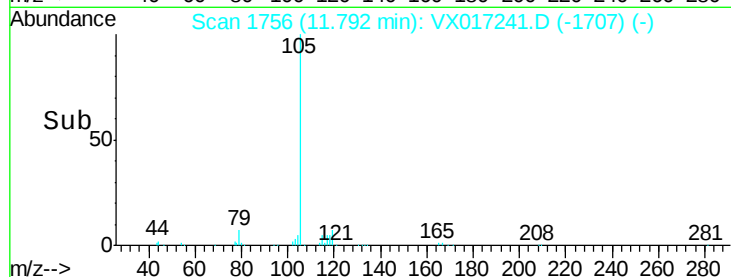
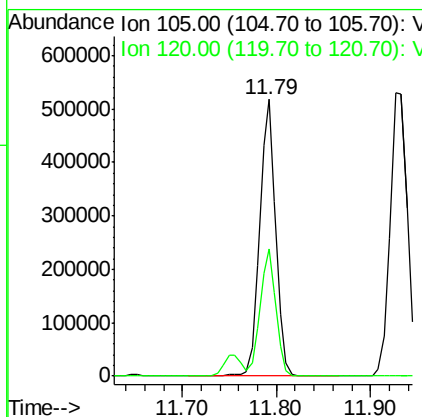
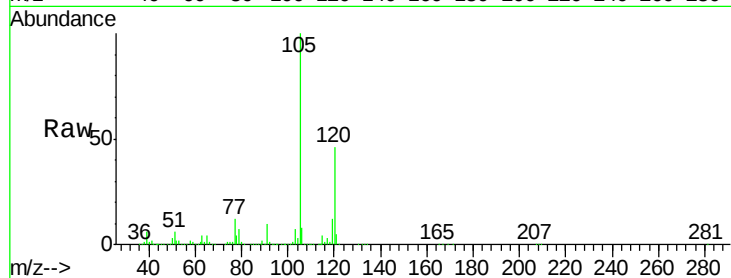
#84
 1,2,4-Trimethylbenzene
 Concen: 54.564 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.9	68.5

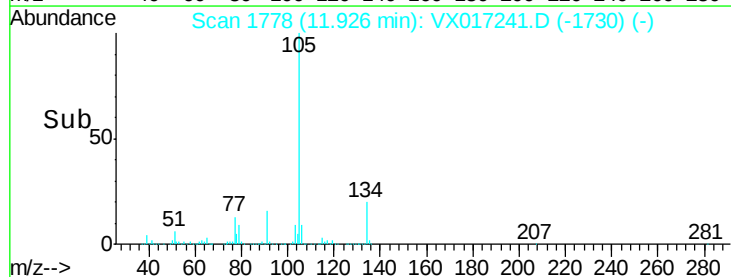
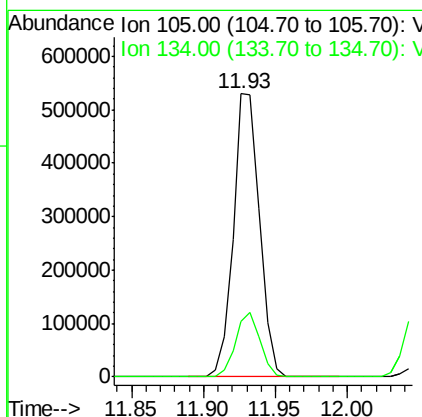
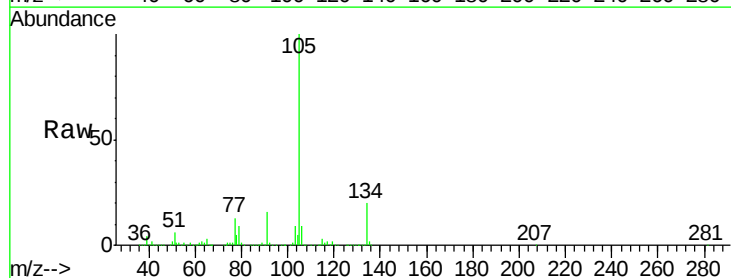
Manual Integrations
 APPROVED

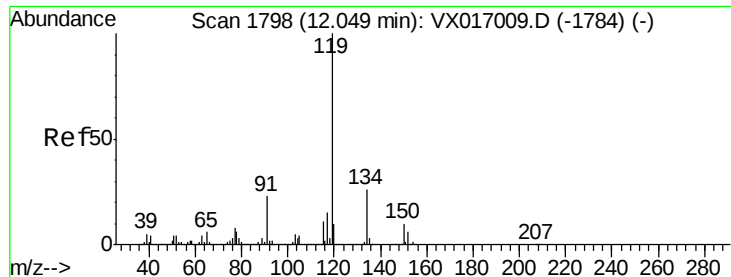
MMDadoda
 7/8/2020 9:32:07 AM



#85
 sec-Butylbenzene
 Concen: 51.826 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.5	31.6





#86

p-Isopropyltoluene

Concen: 53.646 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

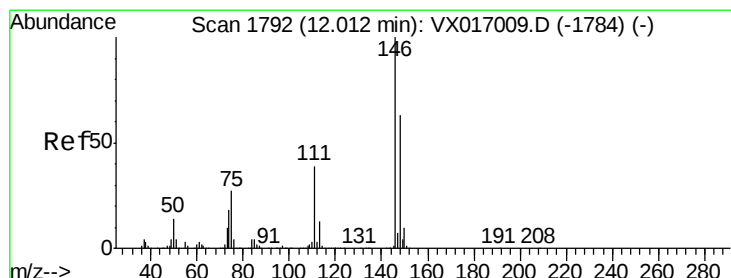
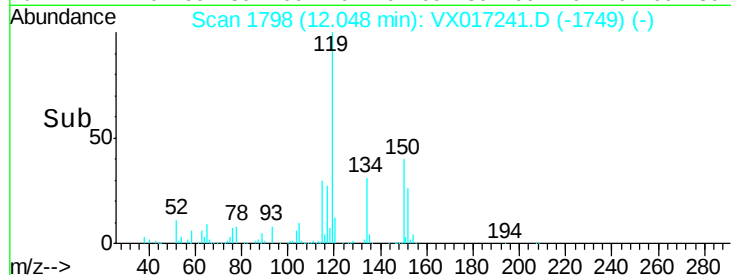
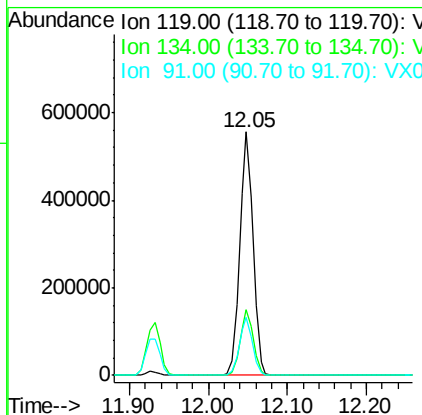
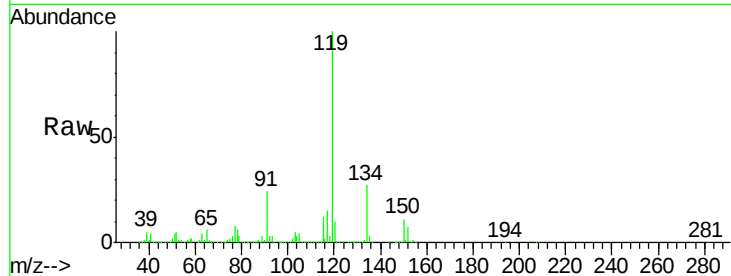
ClientSampleId :

1004-MW-02MSD

Tot Ion:	119	Resp:	648885
Ion Ratio	Lower	Upper	
119	100		
134	26.4	13.2	39.5
91	23.4	11.8	35.4

Manual Integrations
APPROVED

MMDadoda
7/8/2020 9:32:07 AM



#87

1,3-Dichlorobenzene

Concen: 52.056 ug/l

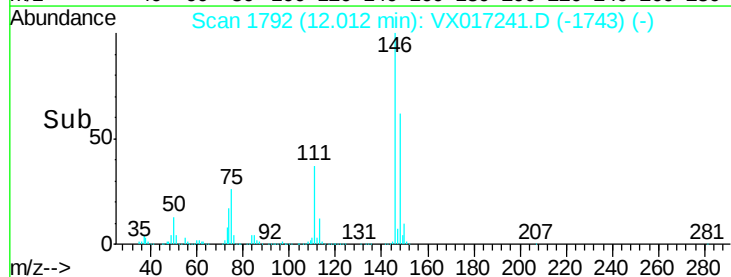
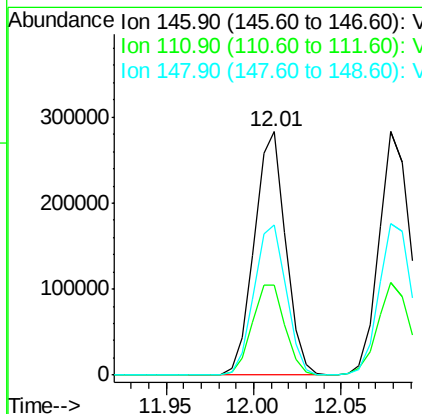
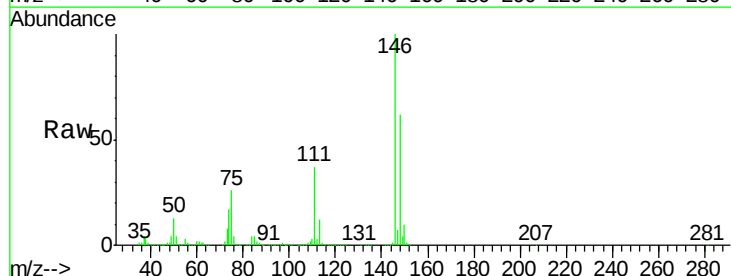
RT: 12.01 min Scan# 1792

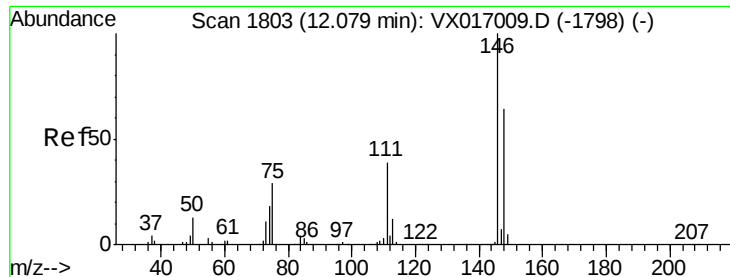
Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Tgt Ion:	146	Resp:	352735
Ion Ratio	Lower	Upper	
146	100		
111	38.9	20.4	61.2
148	63.7	32.5	97.5





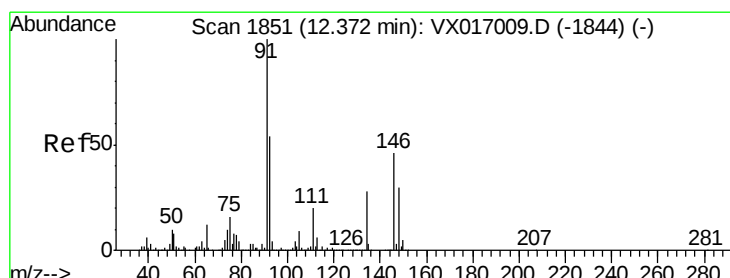
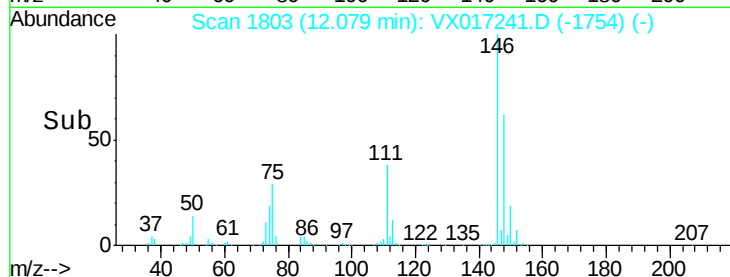
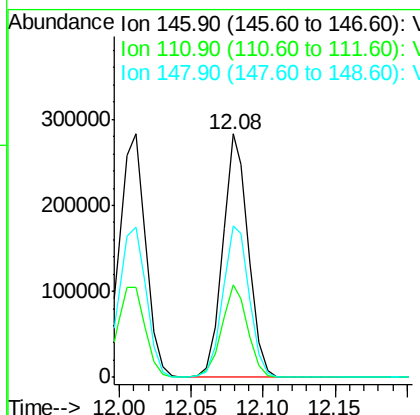
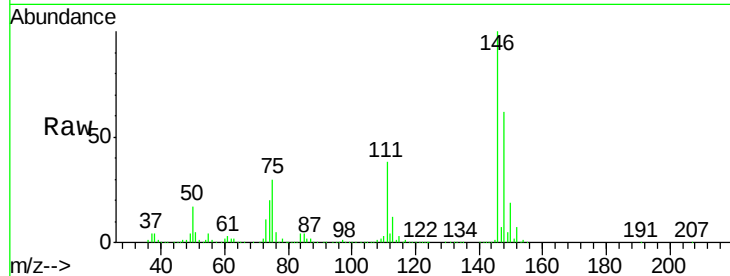
#88
 1,4-Dichlorobenzene
 Concen: 54.790 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.5	58.5
148	65.1	31.9	95.7

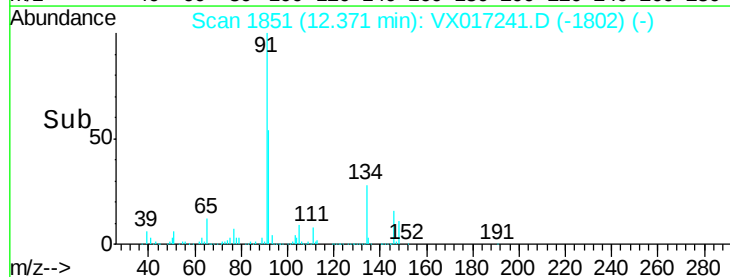
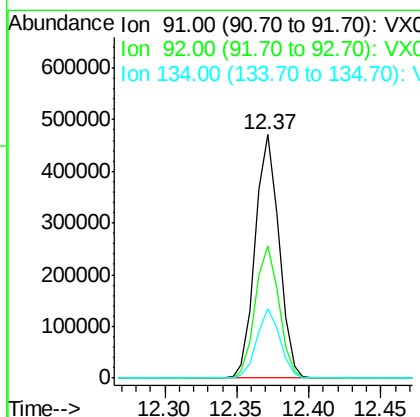
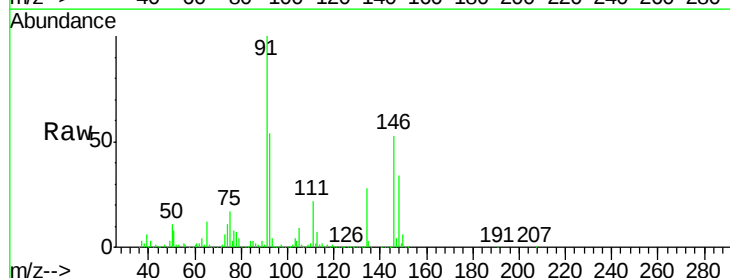
Manual Integrations
 APPROVED

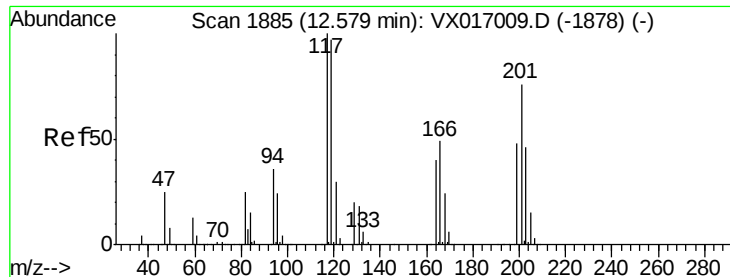
MMDadoda
 7/8/2020 9:32:07 AM



#89
 n-Butylbenzene
 Concen: 49.402 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	27.5	13.6	40.7





#90

Hexachloroethane

Concen: 52.200 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

Instrument :

MSVOA_X

ClientSampleId :

1004-MW-02MSD

Tot Ion:117 Resp: 124511

Ion Ratio Lower Upper

117 100

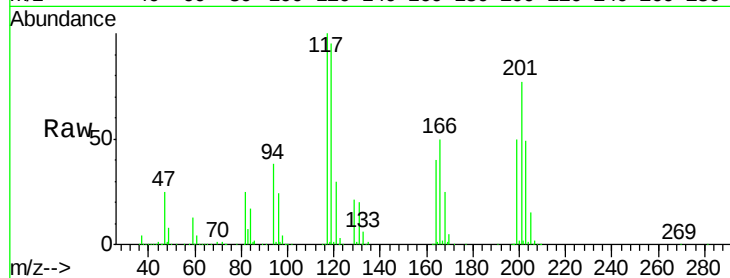
201 78.7 39.4 118.2

Manual Integrations

APPROVED

MMDadoda

7/8/2020 9:32:07 AM



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

12.58

100000

80000

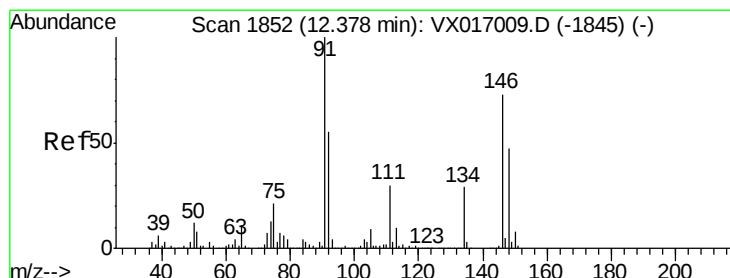
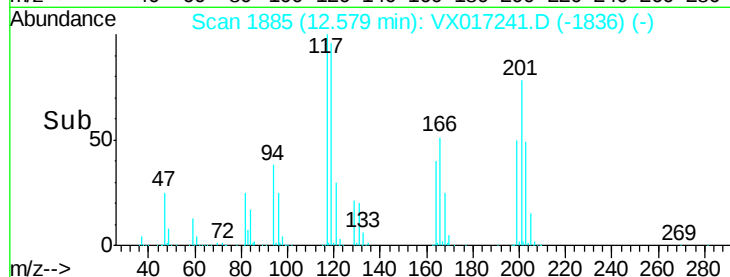
60000

40000

20000

0

Time-->



#91

1,2-Dichlorobenzene

Concen: 53.110 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017241.D

Acq: 08 Jul 2020 06:39

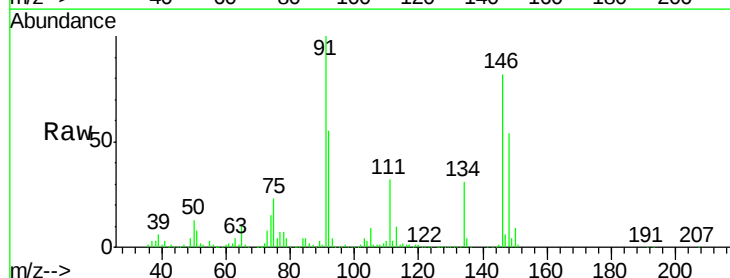
Tgt Ion:146 Resp: 336392

Ion Ratio Lower Upper

146 100

111 40.1 20.6 61.9

148 63.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

12.38

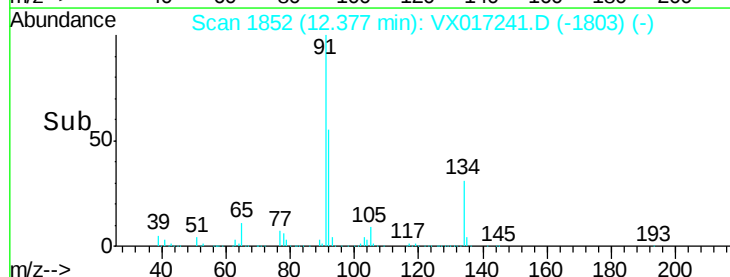
300000

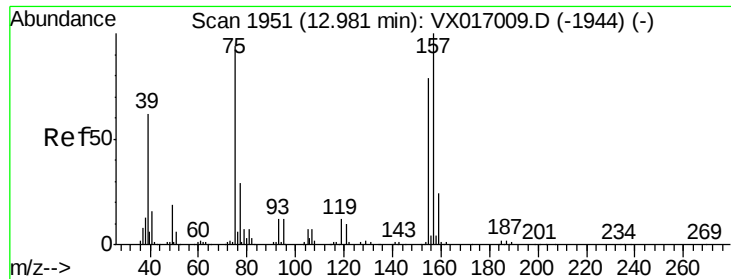
200000

100000

0

Time-->





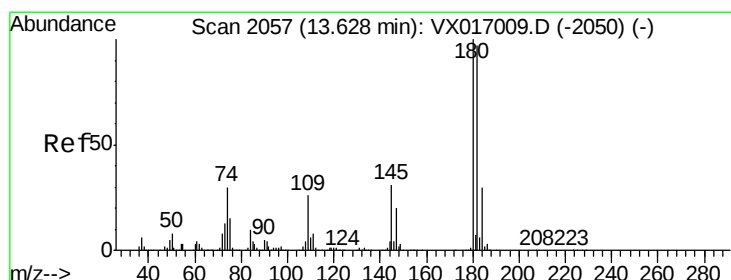
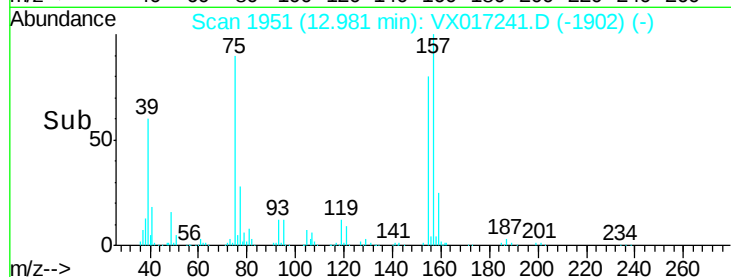
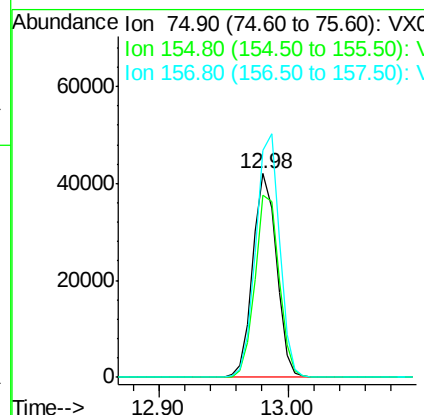
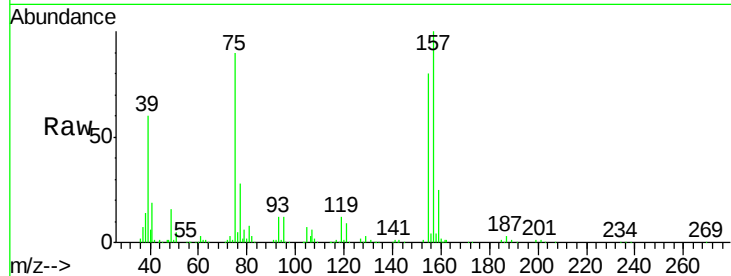
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.964 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	90.4	45.1	135.2
157	119.0	56.5	169.3

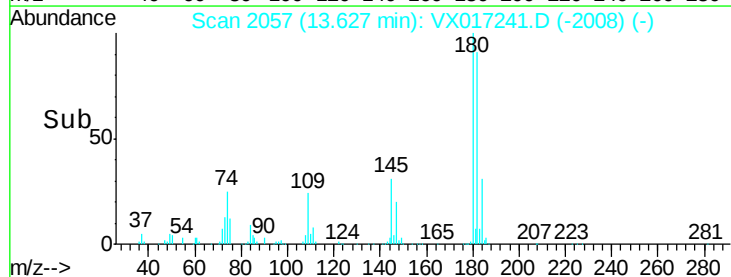
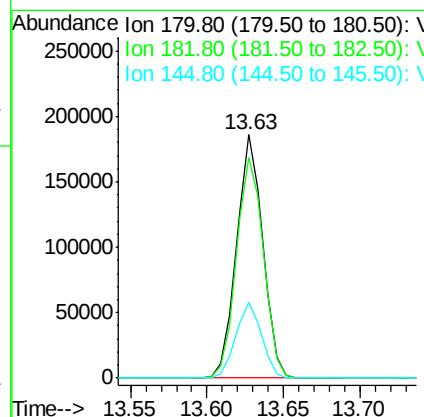
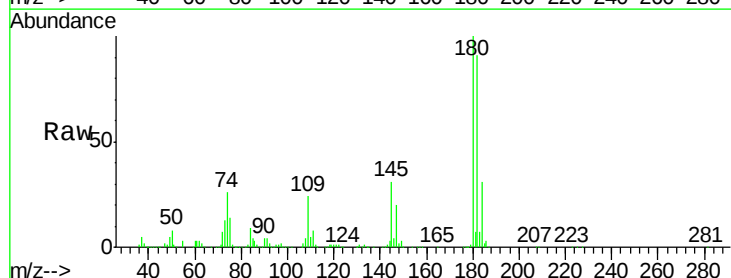
Manual Integrations
 APPROVED

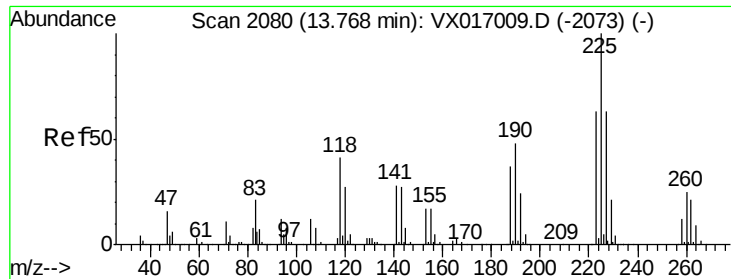
MMDadoda
 7/8/2020 9:32:07 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 50.884 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	47.3	141.9
145	30.6	15.4	46.2





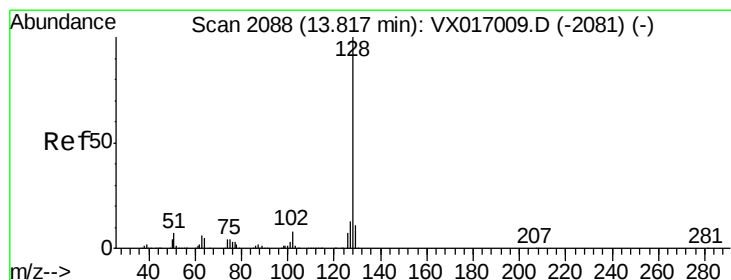
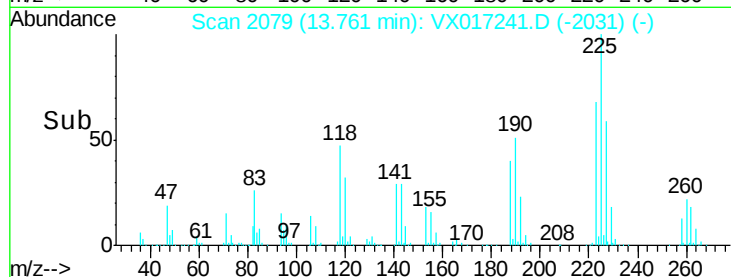
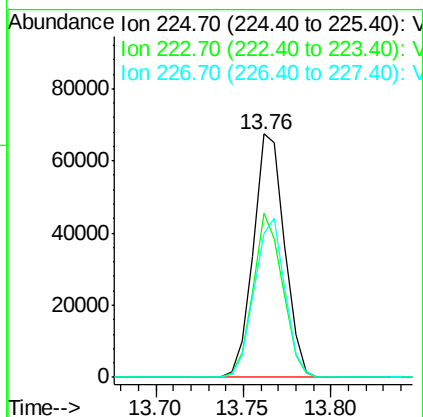
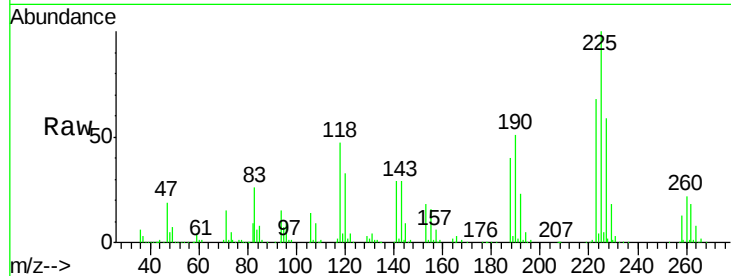
#94
Hexachlorobutadiene
Concen: 50.915 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Instrument :
MSVOA_X
ClientSampleId :
1004-MW-02MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	83563		
223	64.0		32.5	97.5
227	64.2		33.1	99.2

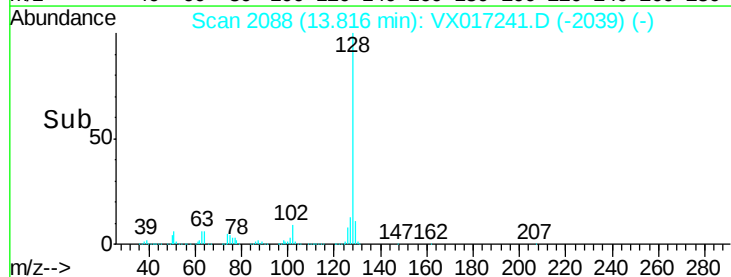
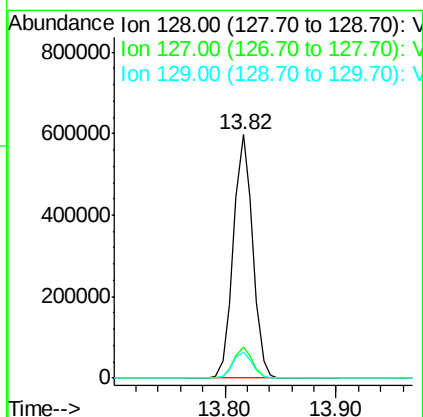
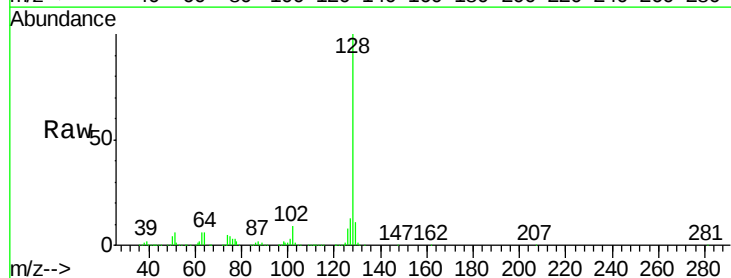
Manual Integrations
APPROVED

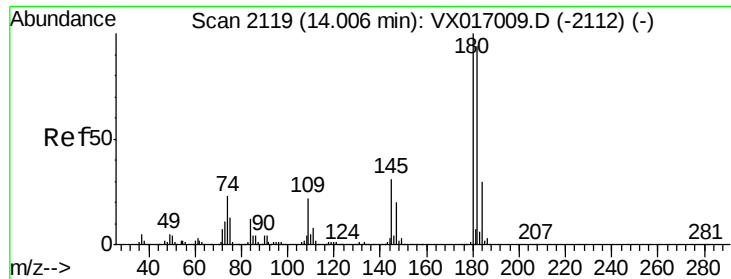
MMDadoda
7/8/2020 9:32:07 AM



#95
Naphthalene
Concen: 54.490 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017241.D
Acq: 08 Jul 2020 06:39

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	716166		
127	12.3		10.2	15.4
129	10.6		8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 51.997 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX017241.D
 Acq: 08 Jul 2020 06:39

Instrument :
 MSVOA_X
 ClientSampleId :
 1004-MW-02MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.9	47.1	141.4
145	33.4	16.6	49.7

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:32:07 AM

