

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017482.D
 Acq On : 23 Jul 2020 09:45
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:49 PM

Quant Time: Jul 23 11:58:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	624593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	949219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	921391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	498443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	43652	5.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.94%	
35) Dibromofluoromethane	5.46	113	34359	5.34	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	10.68%	
50) Toluene-d8	8.70	98	118032	5.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.22%	
62) 4-Bromofluorobenzene	11.12	95	49325	5.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	38160	7.200	ug/l	99
3) Chloromethane	1.31	50	45474	7.288	ug/l	93
4) Vinyl Chloride	1.39	62	44547	7.296	ug/l	93
5) Bromomethane	1.62	94	29268	7.434	ug/l	96
6) Chloroethane	1.71	64	25058	6.533	ug/l	99
7) Trichlorofluoromethane	1.92	101	70301	6.939	ug/l	93
8) Diethyl Ether	2.17	74	24619	6.743	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37371	6.446	ug/l	94
10) Methyl Iodide	2.49	142	44758	6.241	ug/l	98
11) Tert butyl alcohol	3.01	59	43619	30.870	ug/l	97
12) 1,1-Dichloroethene	2.36	96	36780	6.335	ug/l	93
13) Acrolein	2.27	56	18584	22.064	ug/l	99
14) Allyl chloride	2.70	41	68341	6.695	ug/l	99
15) Acrylonitrile	3.11	53	97881	29.554	ug/l	98
16) Acetone	2.42	43	93415	31.761	ug/l	98
17) Carbon Disulfide	2.55	76	114087	6.730	ug/l	100
18) Methyl Acetate	2.75	43	43732	6.027	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	121690	6.154	ug/l	99
20) Methylene Chloride	2.83	84	43087	6.186	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	38936	5.938	ug/l	91
22) Diisopropyl ether	3.82	45	122497	6.446	ug/l	# 88
23) Vinyl Acetate	3.78	43	522744	31.082	ug/l	99
24) 1,1-Dichloroethane	3.67	63	69664	6.258	ug/l	97
25) 2-Butanone	4.64	43	119287	26.216	ug/l	98
26) 2,2-Dichloropropane	4.54	77	61869	6.007	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	41745	5.850	ug/l	93
28) Bromochloromethane	4.98	49	28248	5.500	ug/l	95
29) Tetrahydrofuran	5.09	42	75425	25.702	ug/l	96
30) Chloroform	5.17	83	70036	5.888	ug/l	91
31) Cyclohexane	5.54	56	53936	5.962	ug/l	92
32) 1,1,1-Trichloroethane	5.45	97	66319	6.028	ug/l	99
36) 1,1-Dichloropropene	5.76	75	50277	5.779	ug/l	97
37) Ethyl Acetate	4.79	43	49344	5.311	ug/l	94
38) Carbon Tetrachloride	5.76	117	61111	5.979	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072320\
 Data File : VX017482.D
 Acq On : 23 Jul 2020 09:45
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 1:00:49 PM

Quant Time: Jul 23 11:58:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	56812	6.003	ug/l	96
40) Benzene	6.11	78	134552	5.362	ug/l	96
41) Methacrylonitrile	4.99	41	28433	5.729	ug/l	96
42) 1,2-Dichloroethane	6.15	62	55103	5.587	ug/l	95
43) Isopropyl Acetate	6.41	43	81795	5.440	ug/l #	96
44) Trichloroethene	7.18	130	41042	5.407	ug/l	98
45) 1,2-Dichloropropane	7.49	63	36888	5.744	ug/l #	88
46) Dibromomethane	7.64	93	24660	5.333	ug/l	96
47) Bromodichloromethane	7.87	83	54317	5.621	ug/l	91
48) Methyl methacrylate	7.74	41	38714	5.515	ug/l	96
49) 1,4-Dioxane	7.71	88	14200	100.407	ug/l	89
51) 4-Methyl-2-Pentanone	8.62	43	240948	26.810	ug/l	99
52) Toluene	8.76	92	88019	5.505	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	62631	5.923	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	61251	5.511	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	36051	5.348	ug/l	86
56) Ethyl methacrylate	9.15	69	50505	5.213	ug/l	97
57) 1,3-Dichloropropane	9.35	76	59661	5.313	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	140683	28.644	ug/l	100
59) 2-Hexanone	9.47	43	177413	26.030	ug/l	97
60) Dibromochloromethane	9.56	129	43892	5.300	ug/l	97
61) 1,2-Dibromoethane	9.65	107	38651	5.259	ug/l	100
64) Tetrachloroethene	9.32	164	43091	5.407	ug/l	94
65) Chlorobenzene	10.12	112	100627	5.329	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	39311	5.233	ug/l	96
67) Ethyl Benzene	10.23	91	166967	5.335	ug/l	94
68) m/p-Xylenes	10.34	106	131336	10.986	ug/l	96
69) o-Xylene	10.68	106	60022	5.255	ug/l	99
70) Styrene	10.70	104	100944	5.139	ug/l	98
71) Bromoform	10.84	173	32539	5.092	ug/l	97
73) Isopropylbenzene	11.00	105	182429	5.805	ug/l	100
74) N-amyl acetate	10.88	43	77516	5.977	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	56495	5.893	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	53944m	5.770	ug/l	
77) Bromobenzene	11.24	156	50329	5.619	ug/l	99
78) n-propylbenzene	11.34	91	201370	5.720	ug/l	99
79) 2-Chlorotoluene	11.40	91	121192	5.570	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	143572	5.347	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	20517	5.543	ug/l	96
82) 4-Chlorotoluene	11.49	91	143422	5.554	ug/l	98
83) tert-Butylbenzene	11.76	119	142950	5.533	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	142242	5.266	ug/l	100
85) sec-Butylbenzene	11.93	105	160943	5.332	ug/l	99
86) p-Isopropyltoluene	12.05	119	160445	5.606	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	83471	5.219	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	88488	5.470	ug/l	97
89) n-Butylbenzene	12.37	91	137336	5.591	ug/l	98
90) Hexachloroethane	12.58	117	30200	5.530	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	82908	5.505	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	12390	4.805	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017482.D
Acq On : 23 Jul 2020 09:45
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM

Quant Time: Jul 23 11:58:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 23 11:43:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	52807	5.010	ug/l	95
94) Hexachlorobutadiene	13.76	225	23248	5.296	ug/l	96
95) Naphthalene	13.82	128	143885	4.613	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51487	5.027	ug/l	97

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

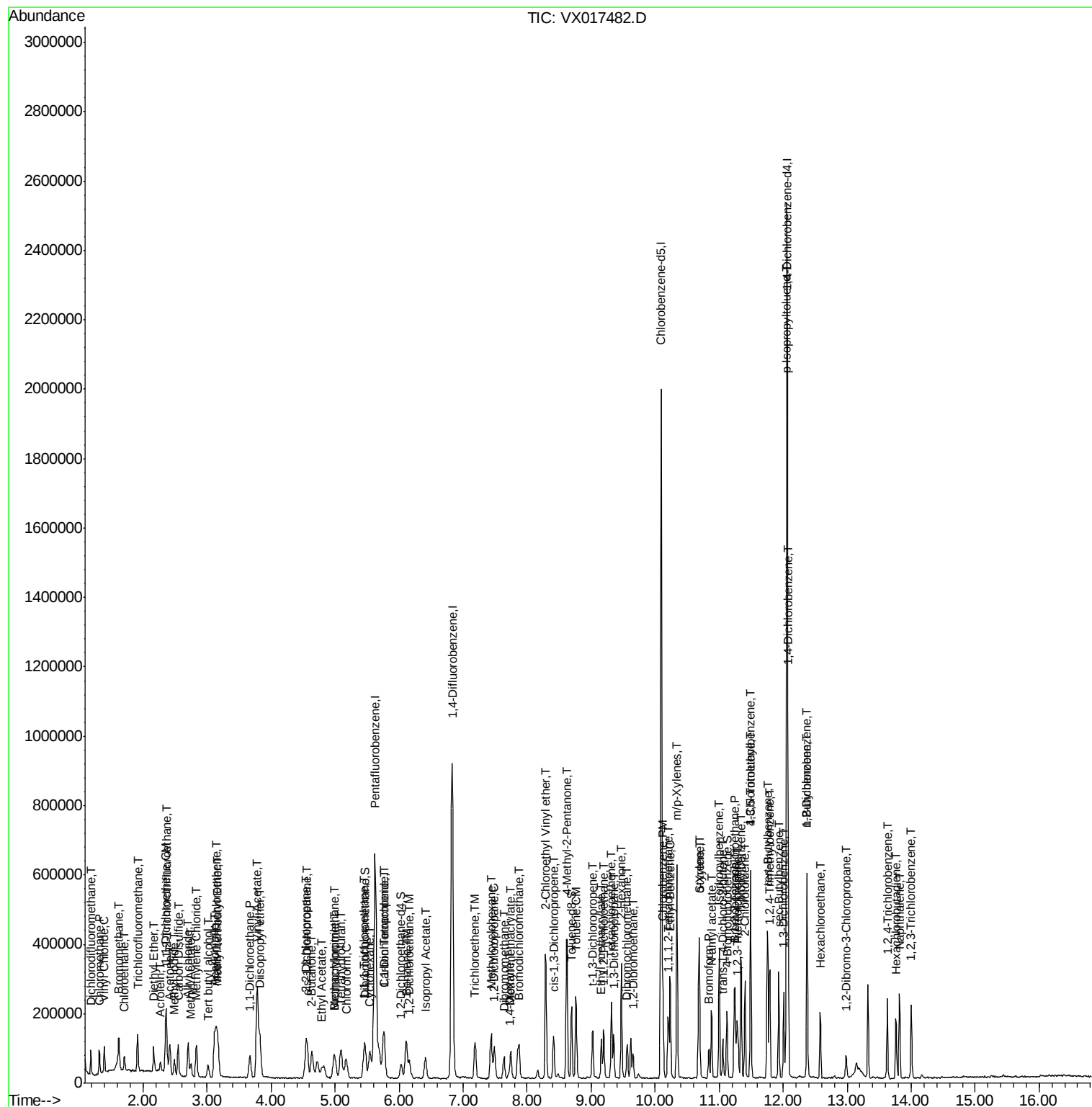
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX072320\
Data File : VX017482.D
Acq On : 23 Jul 2020 09:45
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

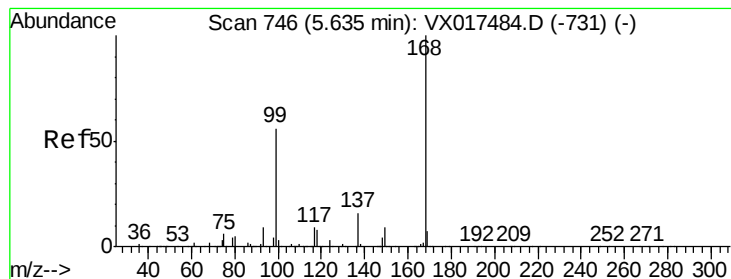
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM

Quant Time: Jul 23 11:58:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 23 11:43:15 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 624593

Ion Ratio Lower Upper

168 100

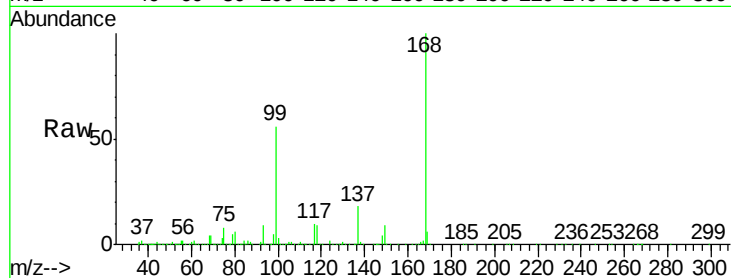
99 55.6 44.6 67.0

Manual Integrations

APPROVED

MMDadoda

7/24/2020 1:00:49 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

250000

200000

150000

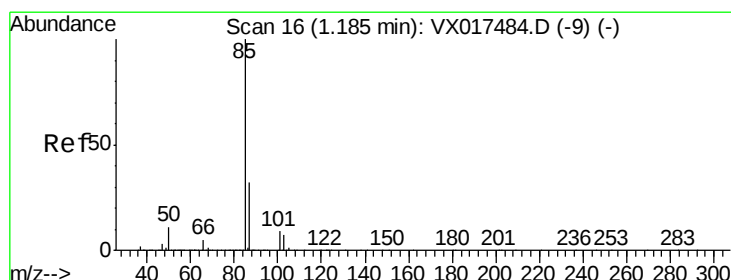
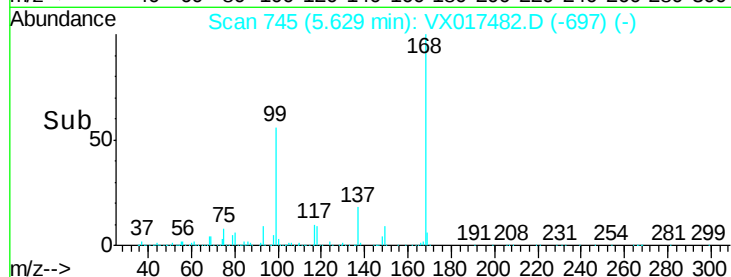
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 7.200 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017482.D

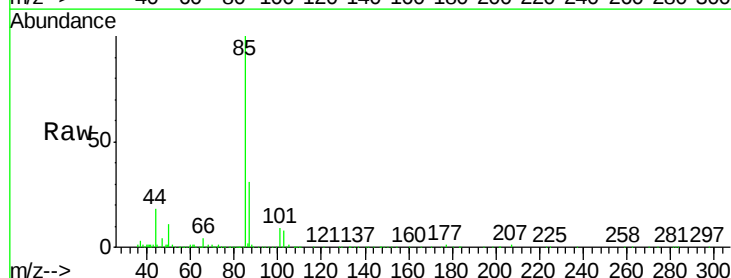
Acq: 23 Jul 2020 09:45

Tgt Ion: 85 Resp: 38160

Ion Ratio Lower Upper

85 100

87 31.3 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

50000

40000

30000

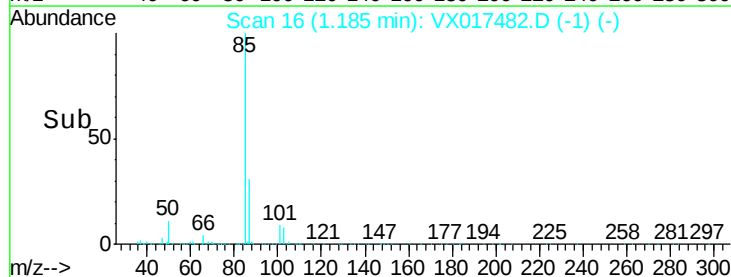
20000

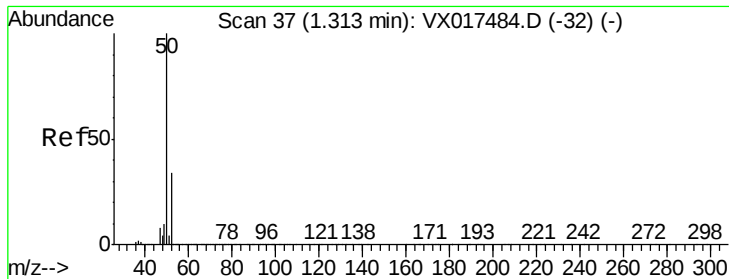
10000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 7.288 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 45474

Ion Ratio Lower Upper

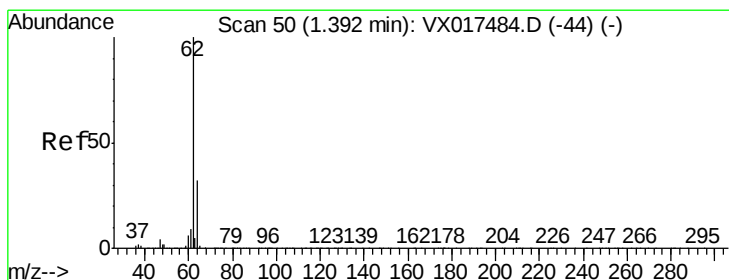
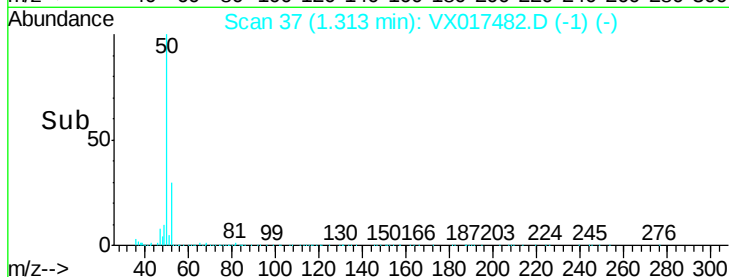
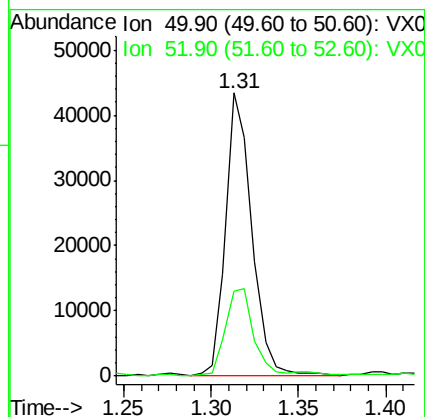
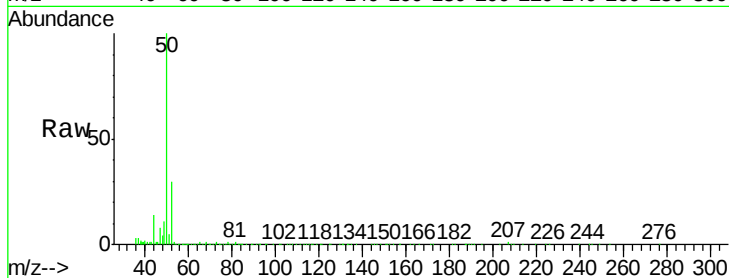
50 100

52 29.9 27.1 40.7

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:49 PM



#4

Vinyl Chloride

Concen: 7.296 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017482.D

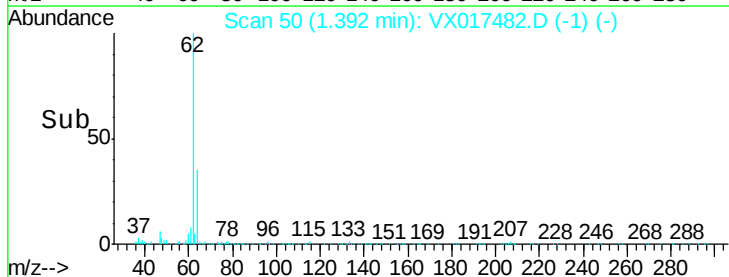
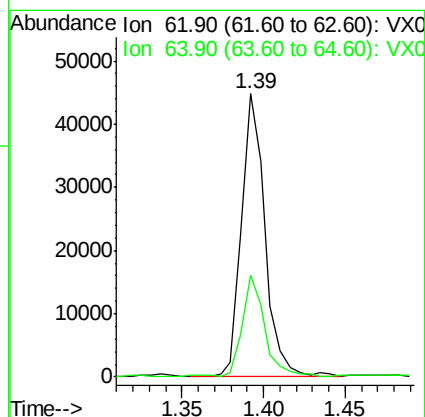
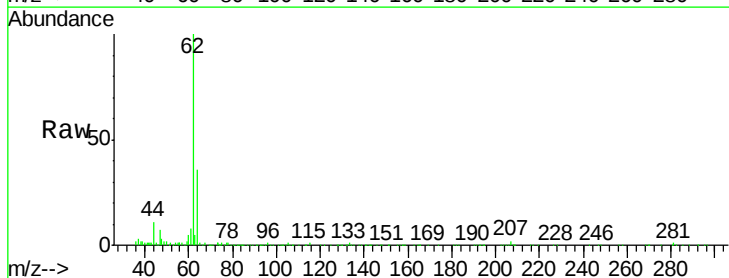
Acq: 23 Jul 2020 09:45

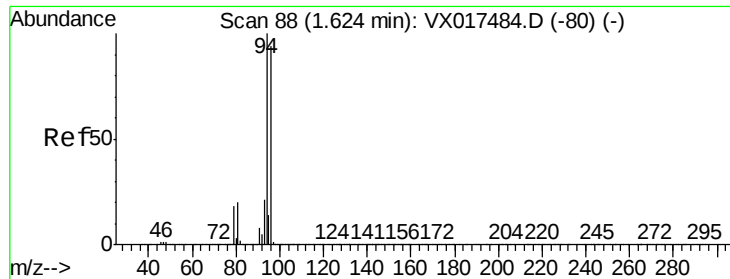
Tgt Ion: 62 Resp: 44547

Ion Ratio Lower Upper

62 100

64 35.6 25.4 38.0





#5

Bromomethane

Concen: 7.434 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 29268

Ion Ratio Lower Upper

94 100

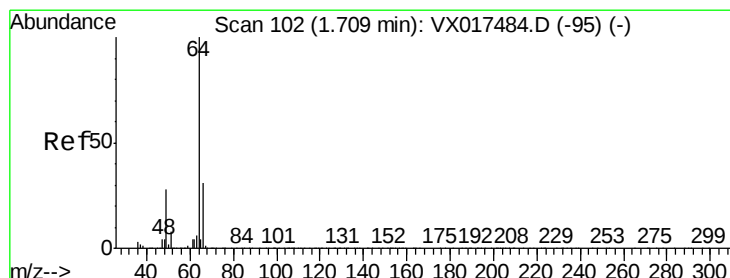
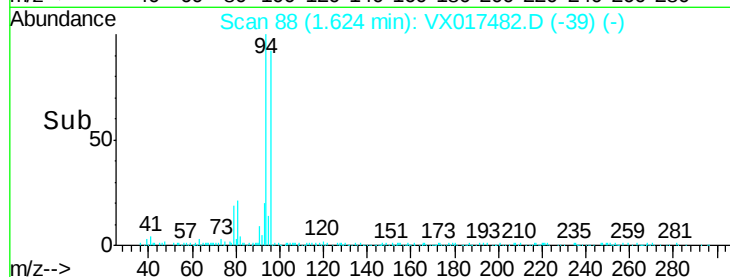
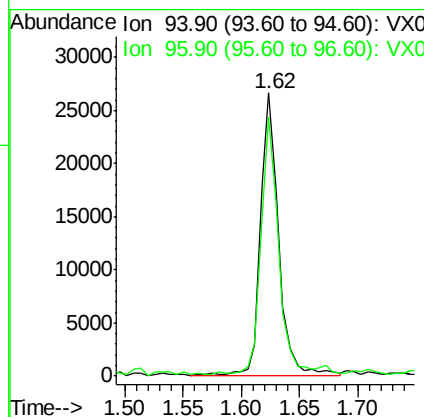
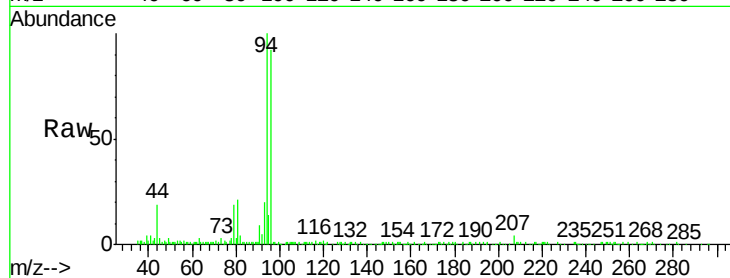
96 90.9 75.5 113.3

Manual Integrations

APPROVED

MMDadoda

7/24/2020 1:00:49 PM



#6

Chloroethane

Concen: 6.533 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX017482.D

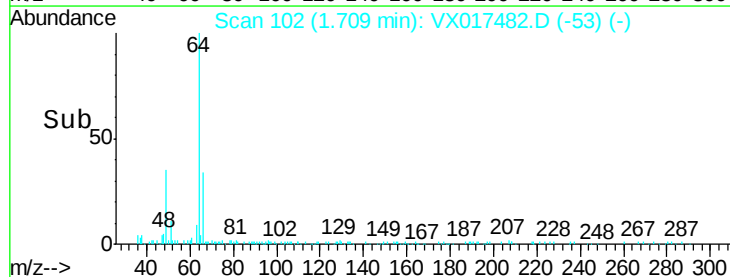
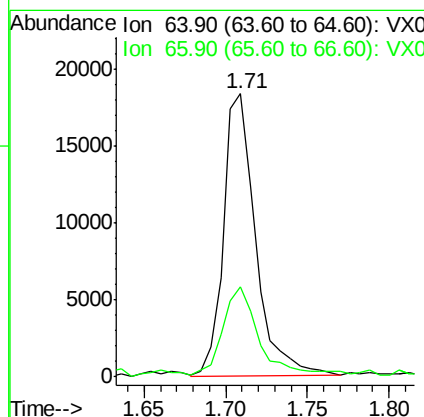
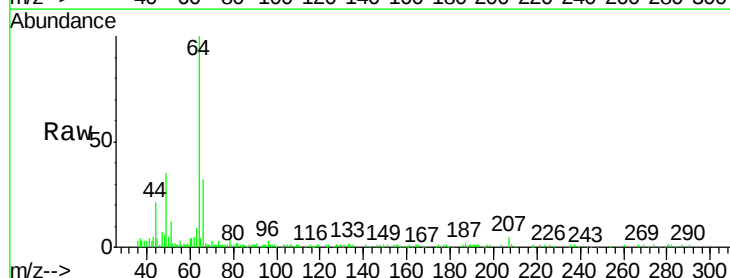
Acq: 23 Jul 2020 09:45

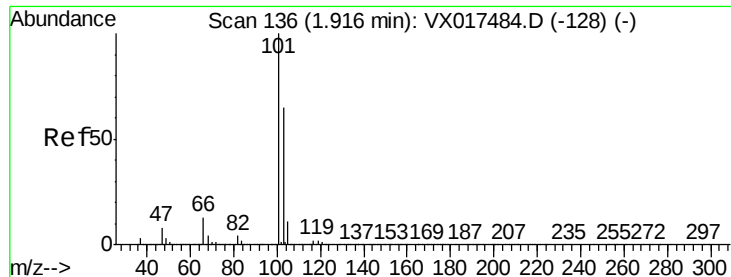
Tgt Ion: 64 Resp: 25058

Ion Ratio Lower Upper

64 100

66 31.3 24.8 37.2





#7

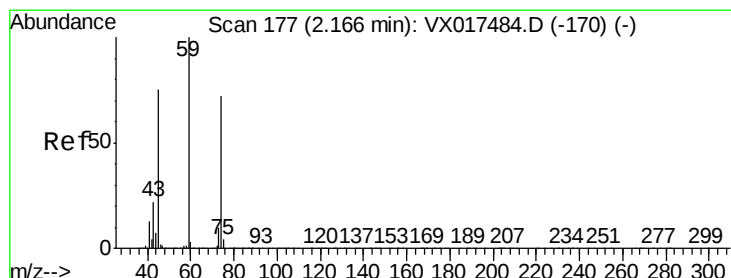
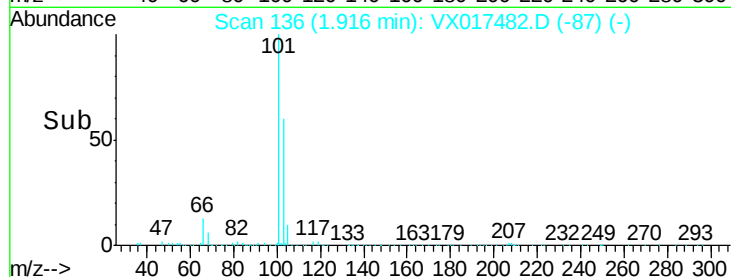
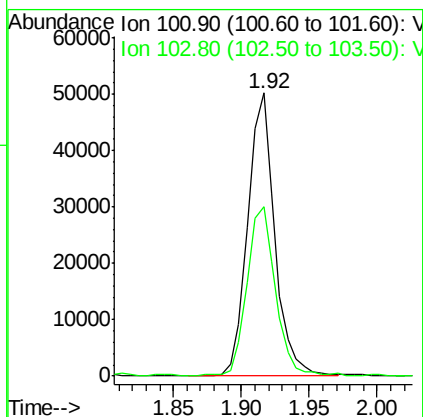
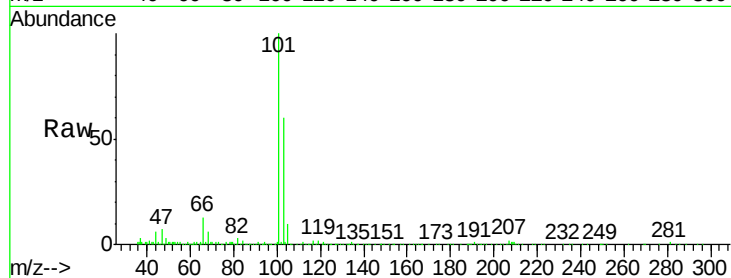
Trichlorofluoromethane
Concen: 6.939 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.6	52.2	78.4

Manual Integrations
APPROVED

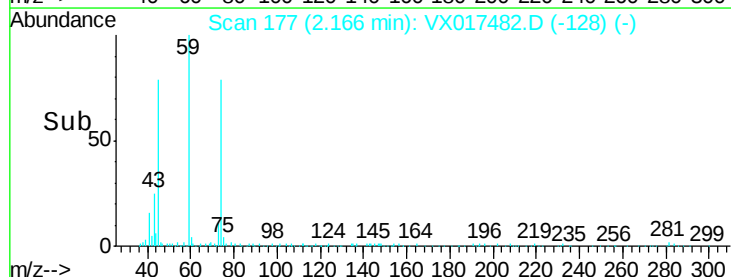
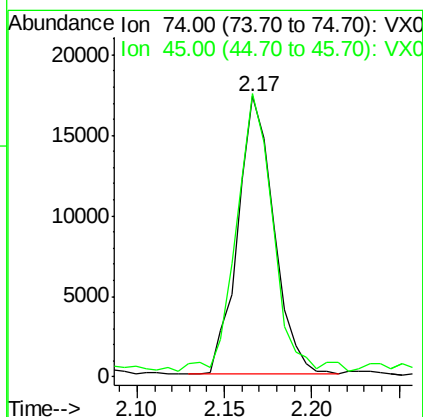
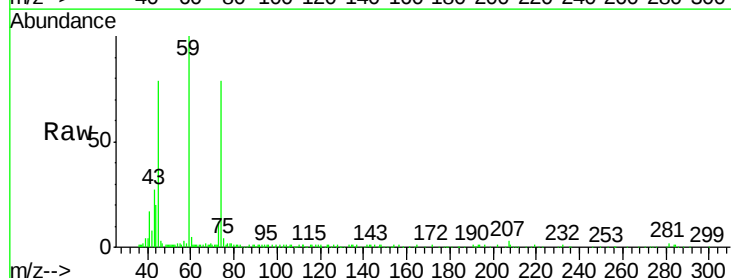
MMDadoda
7/24/2020 1:00:49 PM

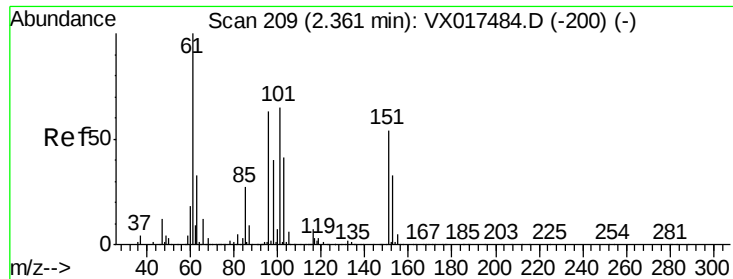


#8

Diethyl Ether
Concen: 6.743 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.3	50.6	151.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 6.446 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

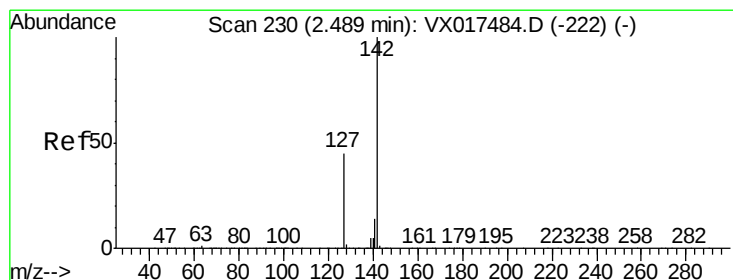
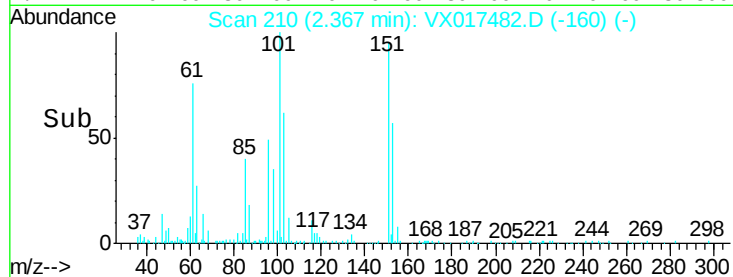
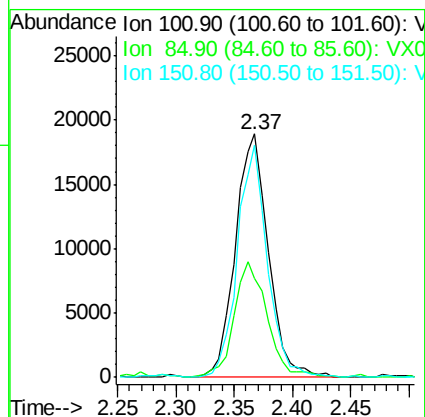
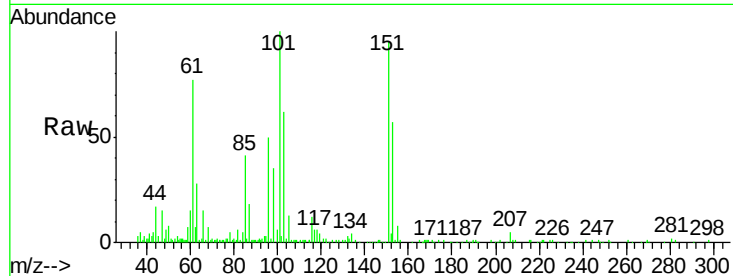
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	37371
Ion Ratio	Lower	Upper	
101	100		
85	48.1	33.8	50.6
151	86.8	65.8	98.8

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#10

Methyl Iodide

Concen: 6.241 ug/l

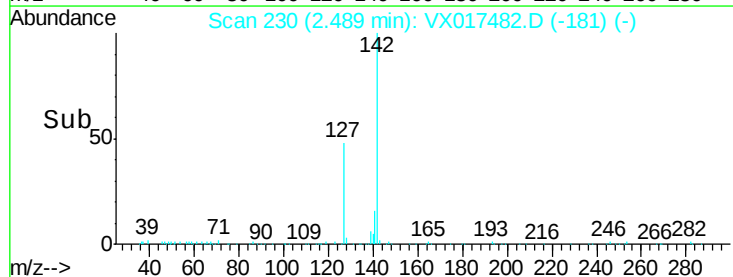
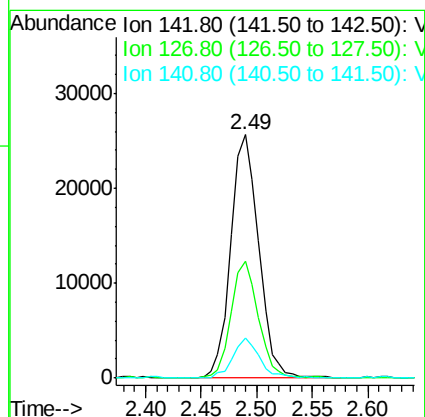
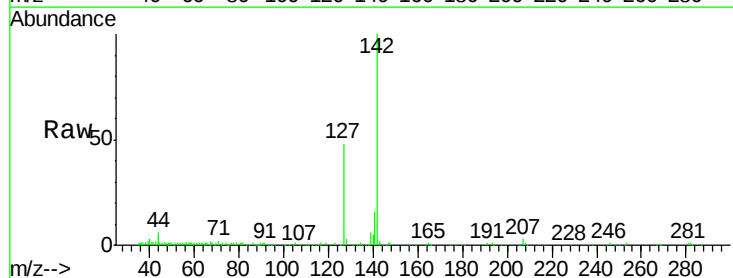
RT: 2.49 min Scan# 230

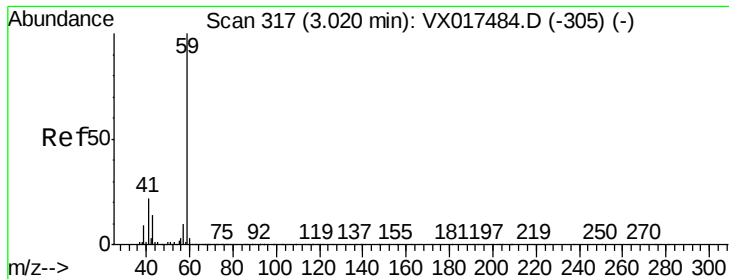
Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	142	Resp:	44758
Ion Ratio	Lower	Upper	
142	100		
127	46.9	36.4	54.6
141	15.8	11.4	17.2





#11

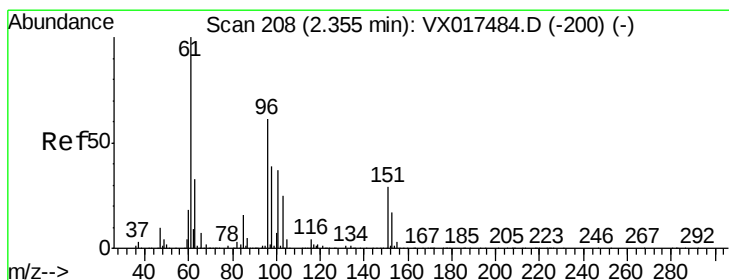
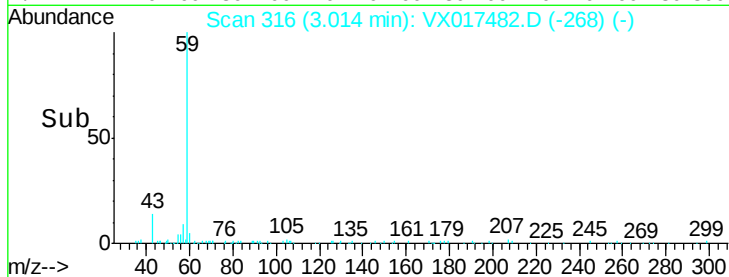
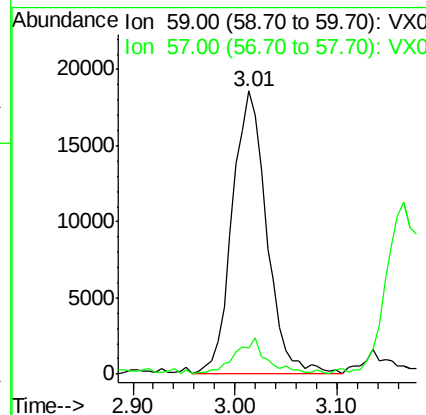
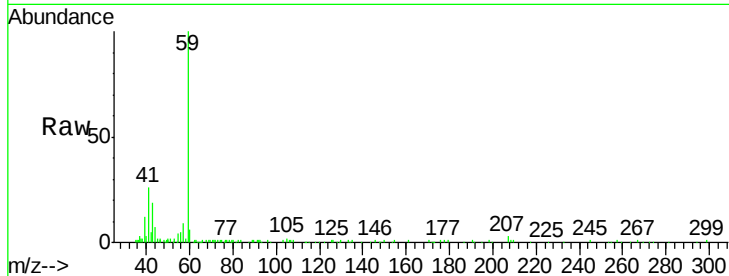
Tert butyl alcohol
 Concen: 30.870 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.7	8.5	12.7

Manual Integrations
 APPROVED

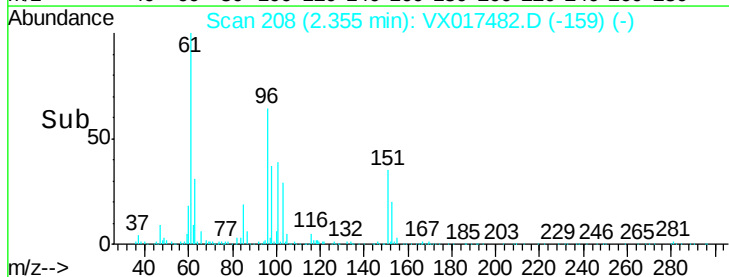
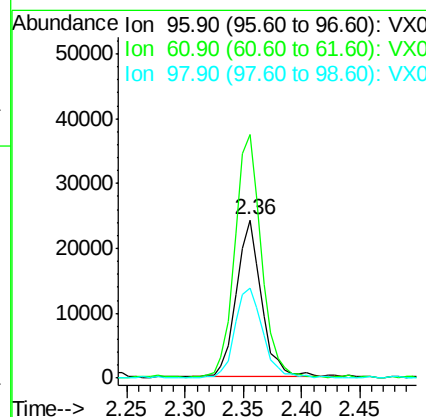
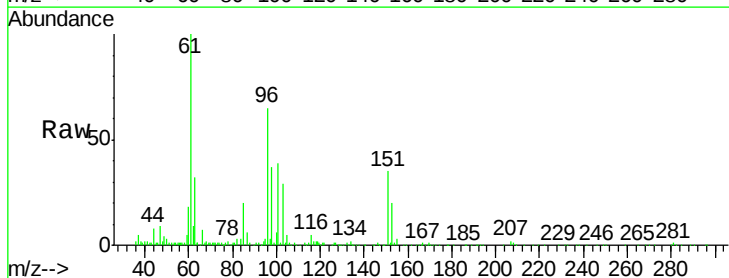
MMDadoda
 7/24/2020 1:00:49 PM

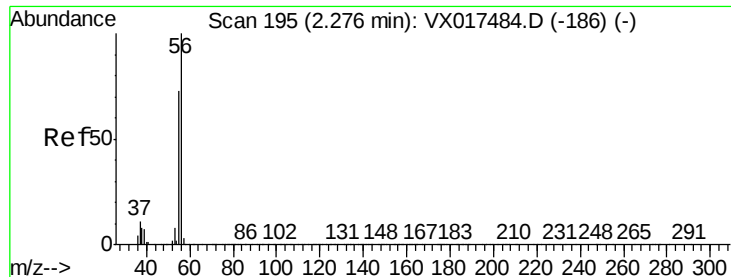


#12

1,1-Dichloroethene
 Concen: 6.335 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	130.2	195.4
98	57.3	50.5	75.7





#13

Acrolein

Concen: 22.064 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 18584

Ion Ratio Lower Upper

56 100

55 72.5

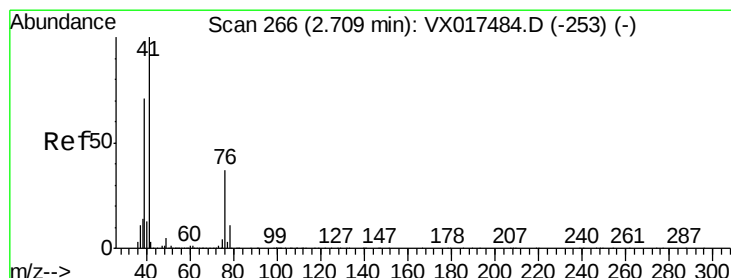
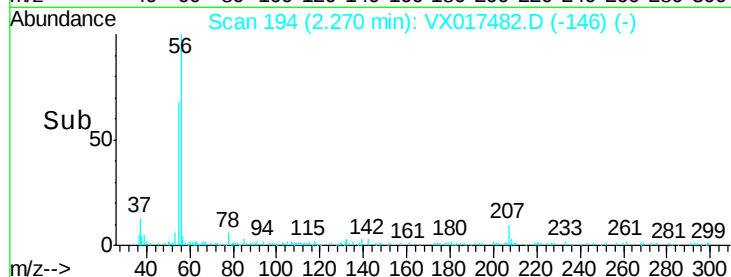
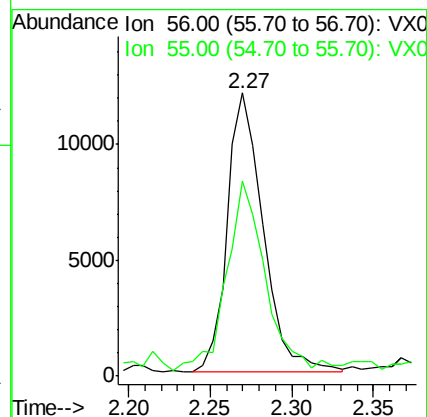
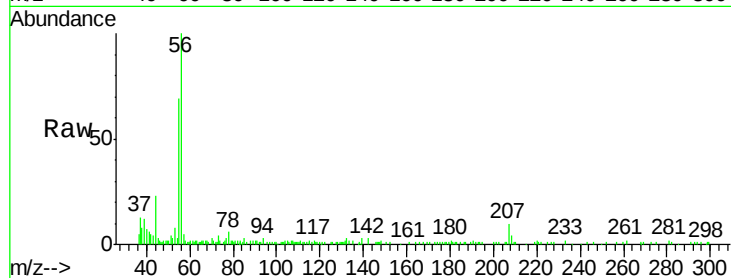
57.3

85.9

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:49 PM



#14

Allyl chloride

Concen: 6.695 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion: 41 Resp: 68341

Ion Ratio Lower Upper

41 100

39 64.1

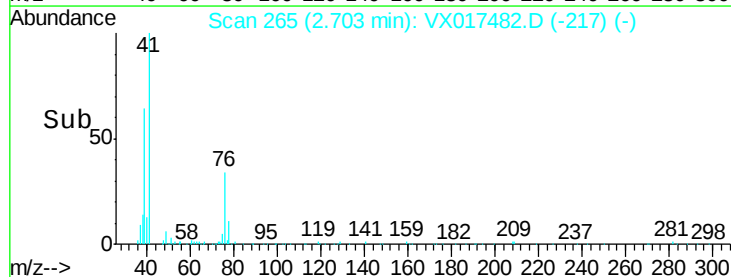
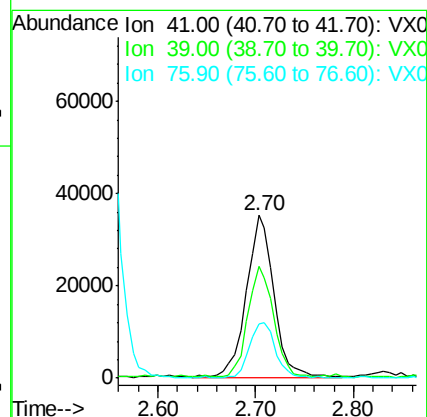
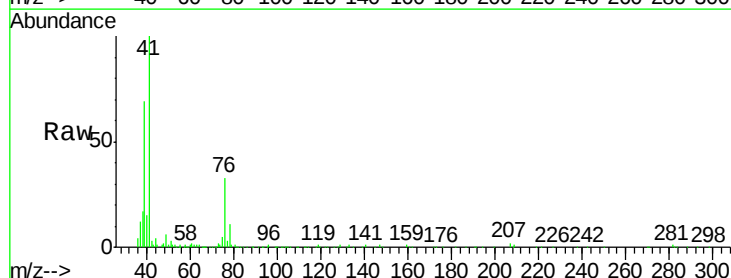
51.7

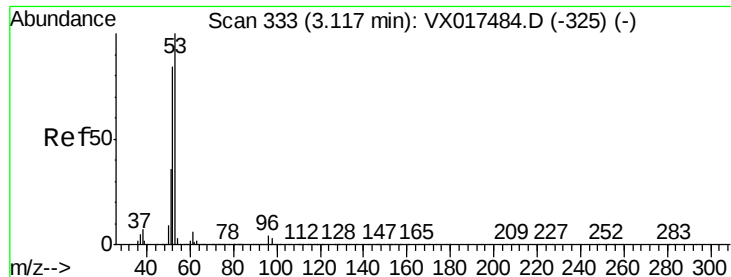
77.5

76 32.5

26.4

39.6





#15

Acrylonitrile

Concen: 29.554 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

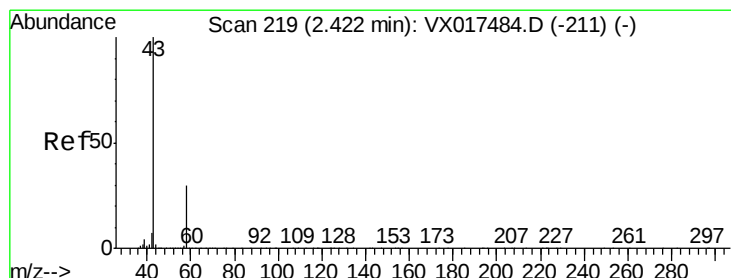
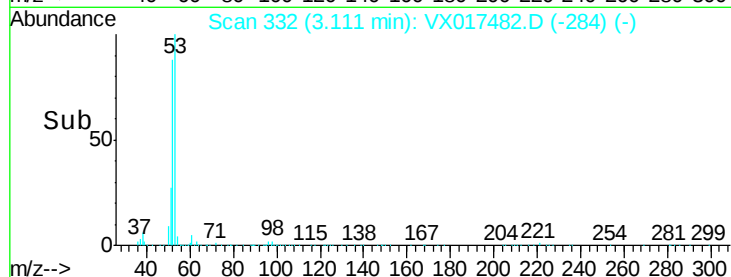
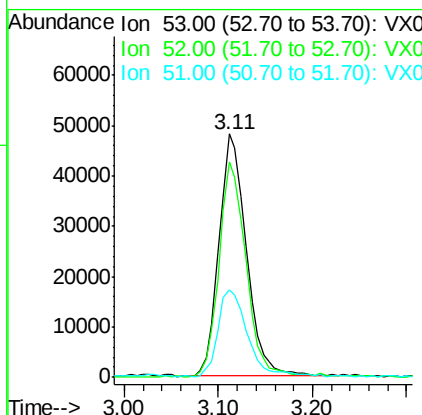
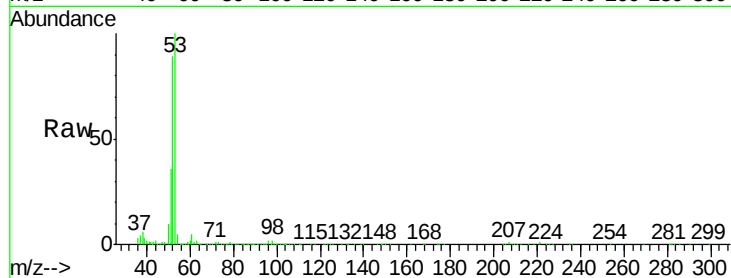
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	97881
Ion	Ratio	Lower	Upper
53	100		
52	86.1	67.0	100.4
51	37.8	29.6	44.4

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#16

Acetone

Concen: 31.761 ug/l

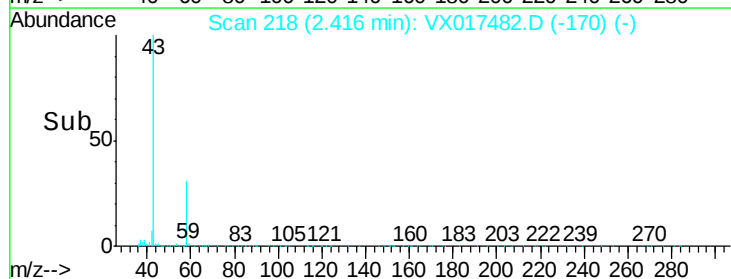
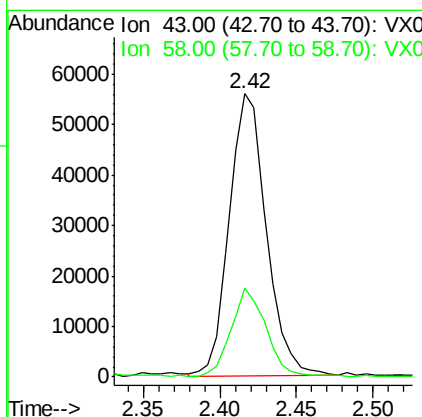
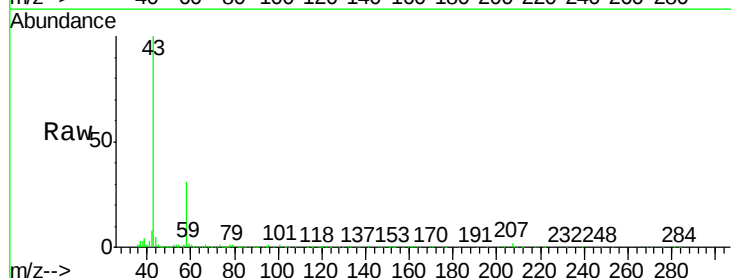
RT: 2.42 min Scan# 218

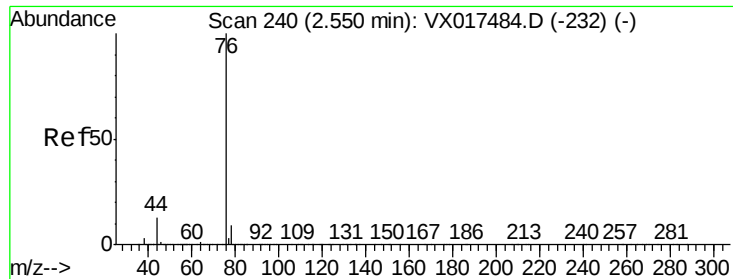
Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	43	Resp:	93415
Ion	Ratio	Lower	Upper
43	100		
58	30.9	23.7	35.5





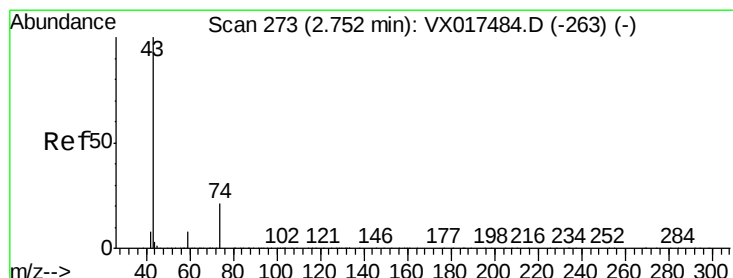
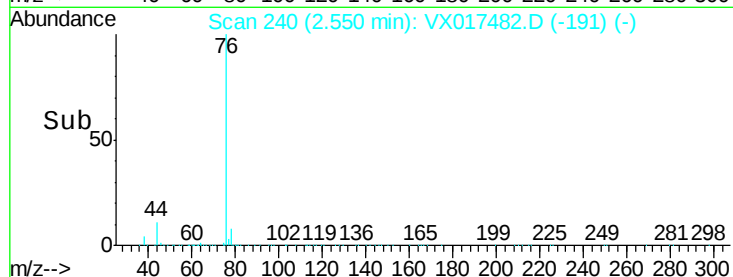
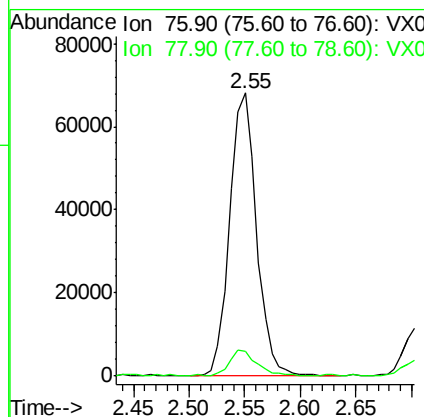
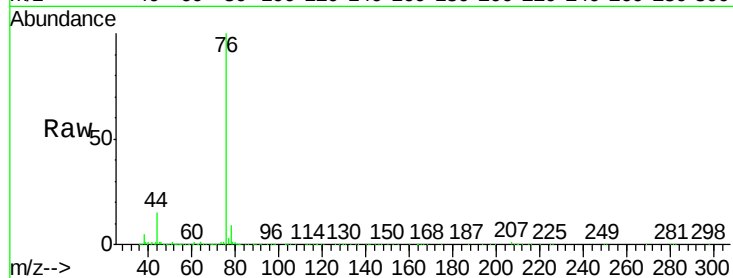
#17
Carbon Disulfide
Concen: 6.730 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.3	6.8	10.2

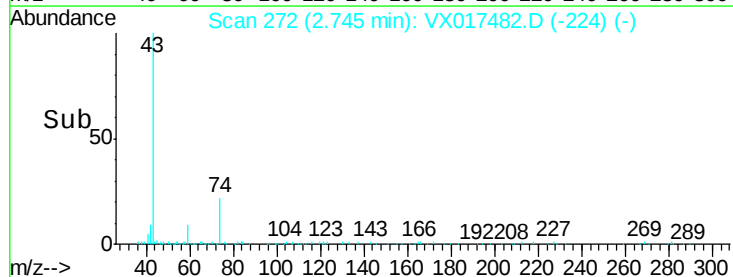
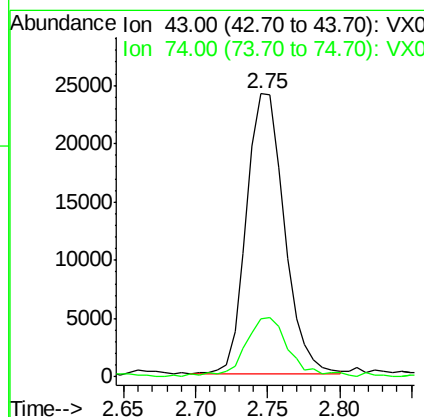
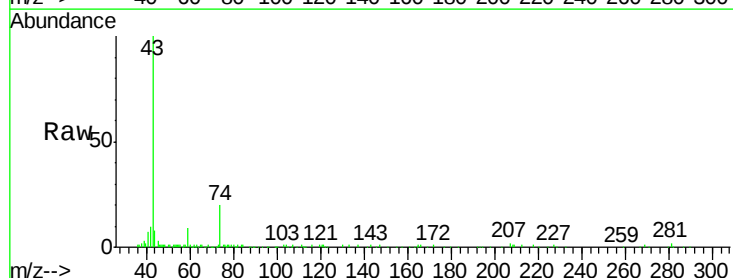
Manual Integrations
APPROVED

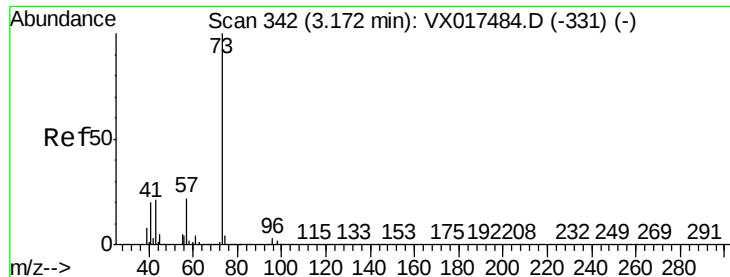
MMDadoda
7/24/2020 1:00:49 PM



#18
Methyl Acetate
Concen: 6.027 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.7	18.1	27.1





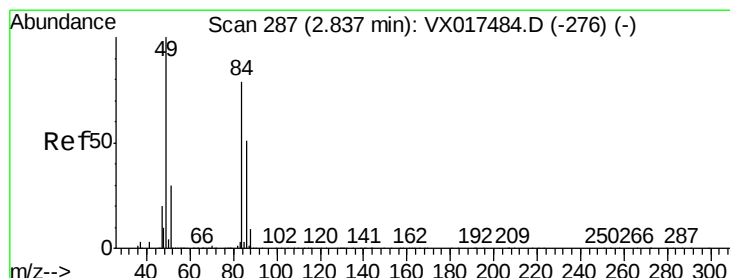
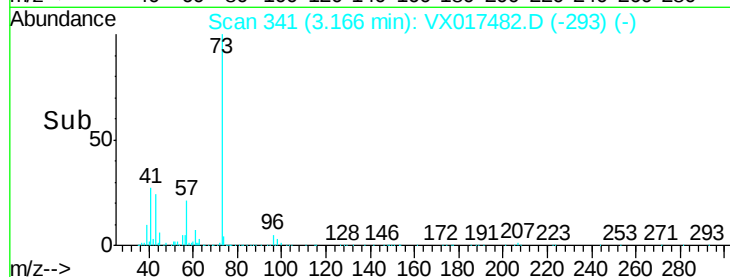
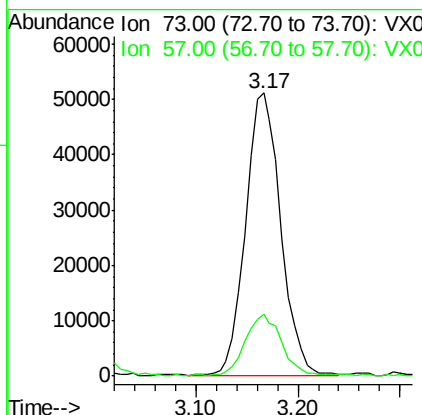
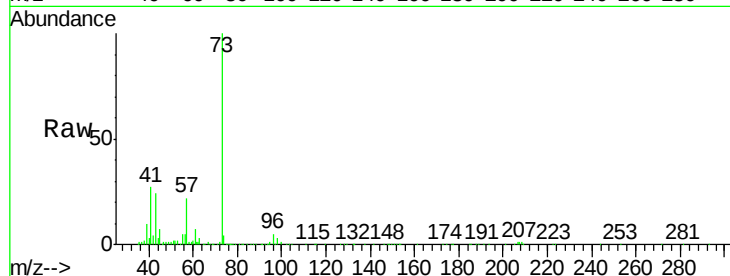
#19
Methyl tert-butyl Ether
Concen: 6.154 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.3	25.9

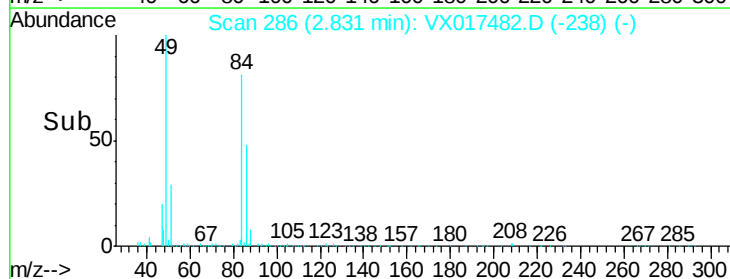
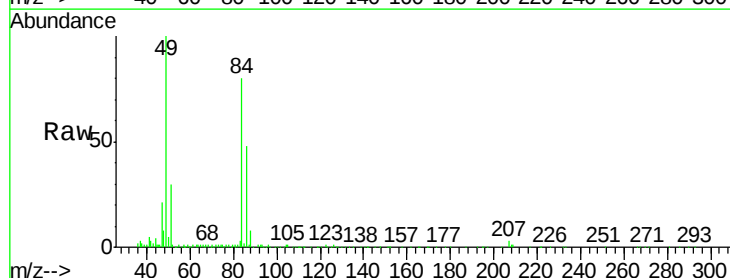
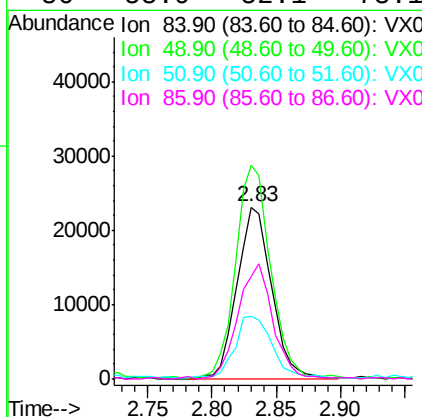
Manual Integrations
APPROVED

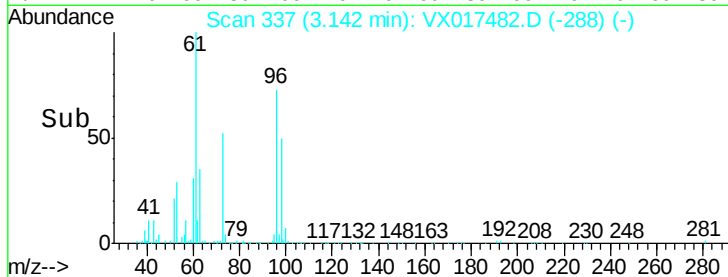
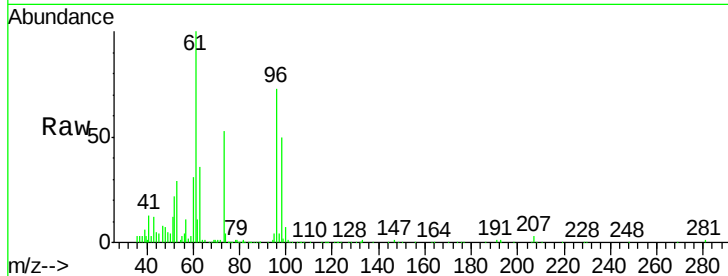
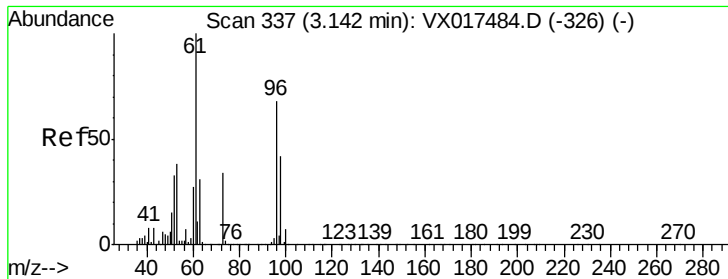
MMDadoda
7/24/2020 1:00:49 PM



#20
Methylene Chloride
Concen: 6.186 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.6	101.4	152.2
51	36.1	30.6	45.8
86	58.9	52.1	78.1





#21

trans-1,2-Dichloroethene

Concen: 5.938 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017482.D

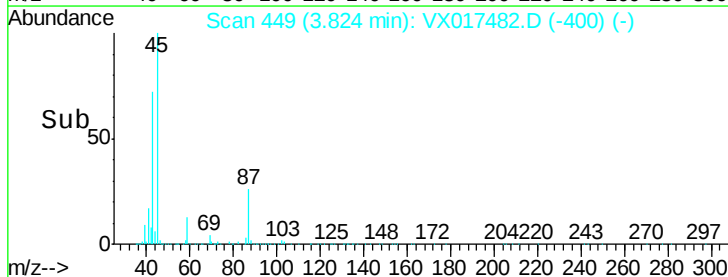
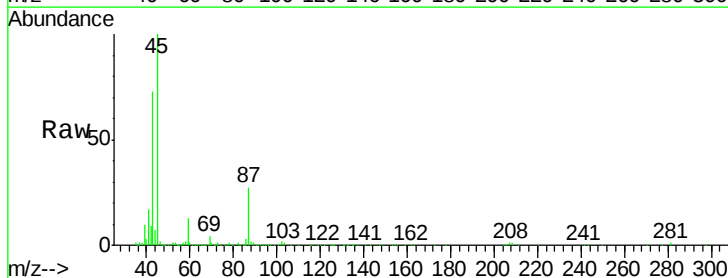
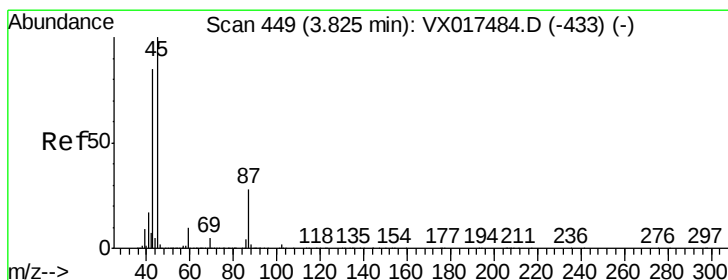
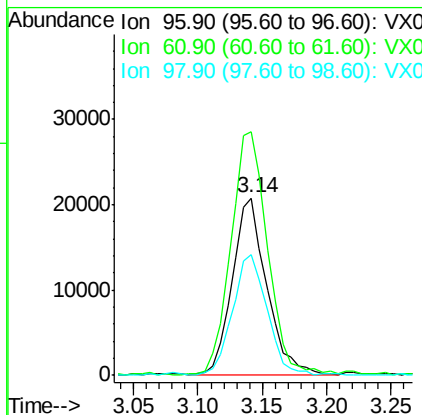
Acq: 23 Jul 2020 09:45

Tot Ion:	96	Resp:	38936
Ion	Ratio	Lower	Upper
96	100		
61	135.6	117.2	175.8
98	68.1	49.0	73.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#22

Diisopropyl ether

Concen: 6.446 ug/l

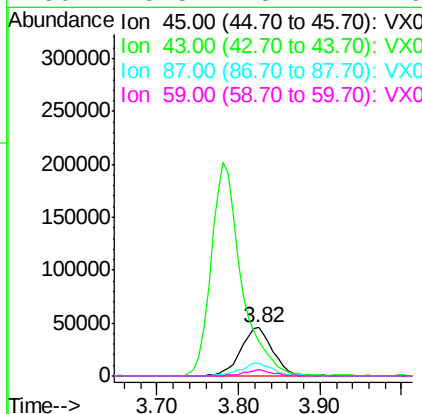
RT: 3.82 min Scan# 449

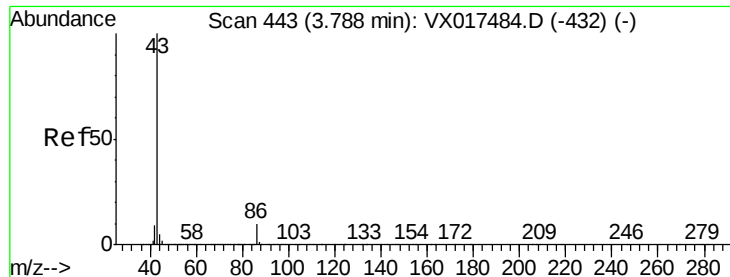
Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	45	Resp:	122497
Ion	Ratio	Lower	Upper
45	100		
43	71.1	68.0	102.0
87	26.7	22.2	33.4
59	13.3	8.4	12.6





#23

Vinyl Acetate

Concen: 31.082 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 522744

Ion Ratio Lower Upper

43 100

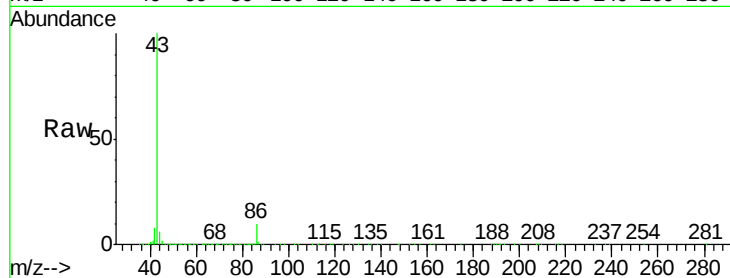
86 10.3 8.0 12.0

Manual Integrations

APPROVED

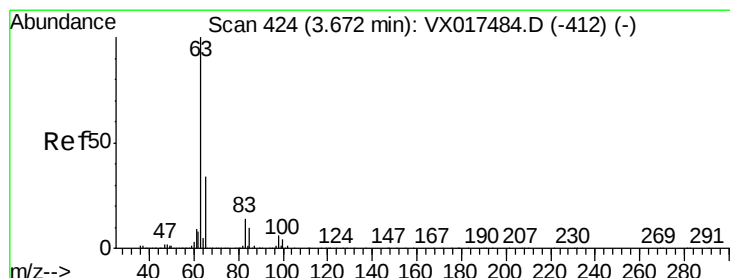
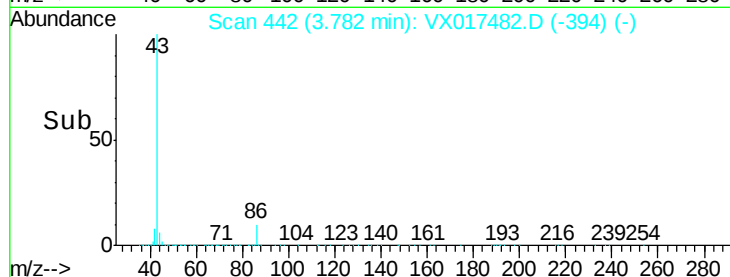
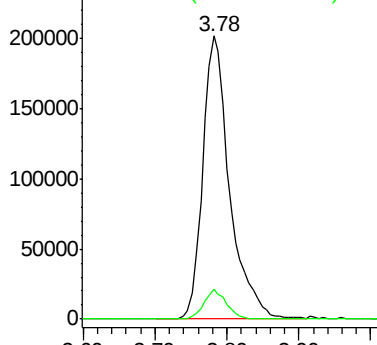
MMDadoda

7/24/2020 1:00:49 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 6.258 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

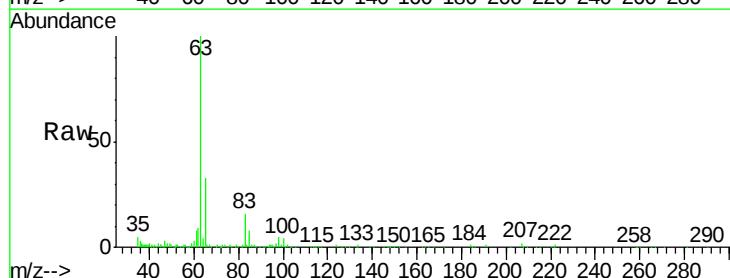
Tgt Ion: 63 Resp: 69664

Ion Ratio Lower Upper

63 100

98 5.0 3.2 9.6

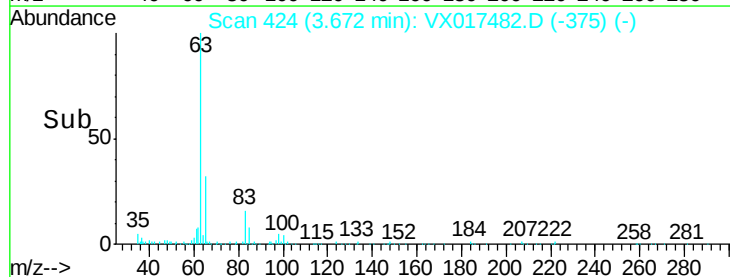
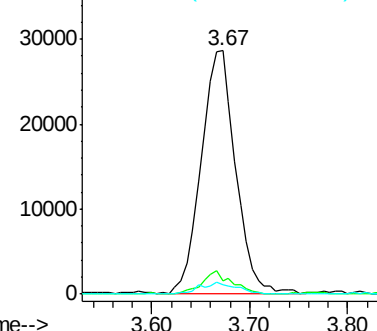
100 3.8 2.1 6.5

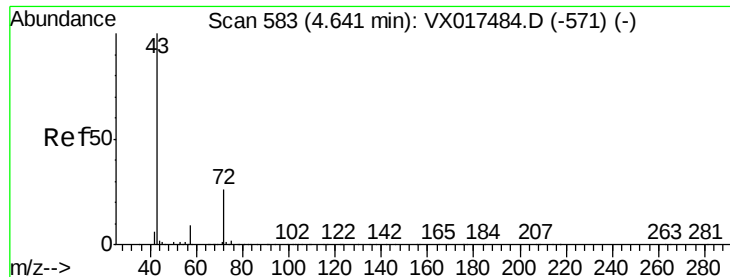


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 26.216 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 119287

Ion Ratio Lower Upper

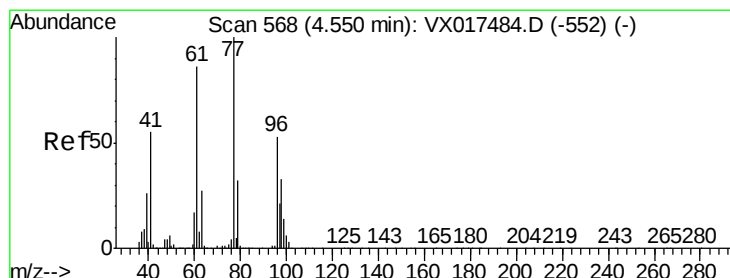
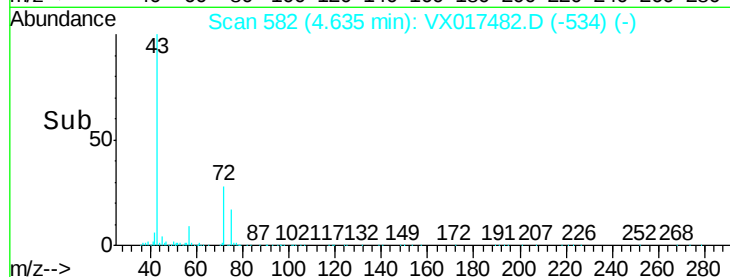
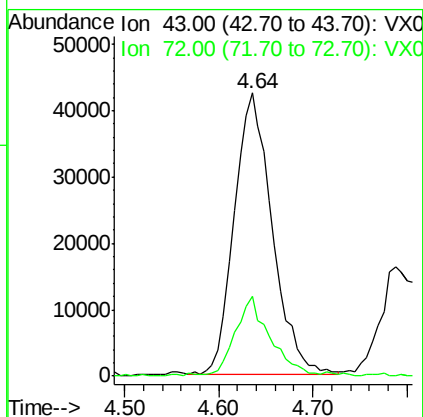
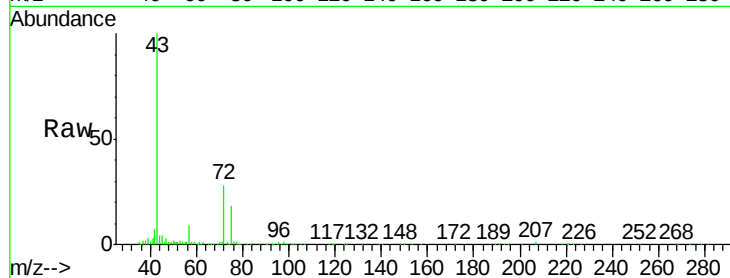
43 100

72 27.5 21.0 31.4

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:49 PM



#26

2,2-Dichloropropane

Concen: 6.007 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017482.D

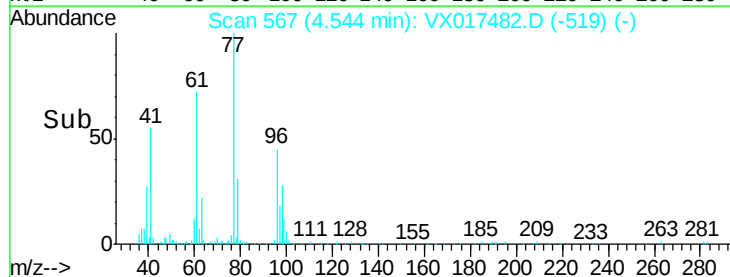
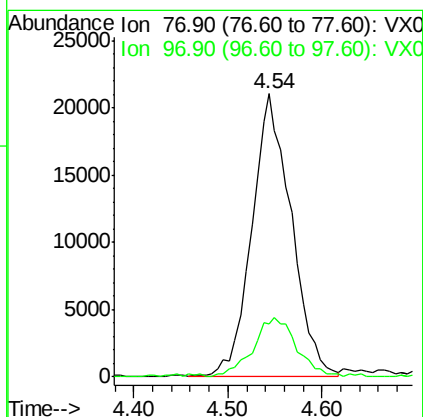
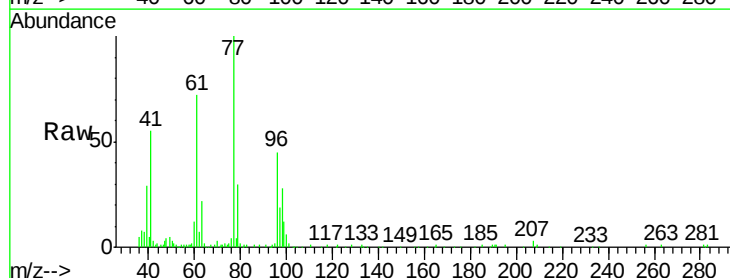
Acq: 23 Jul 2020 09:45

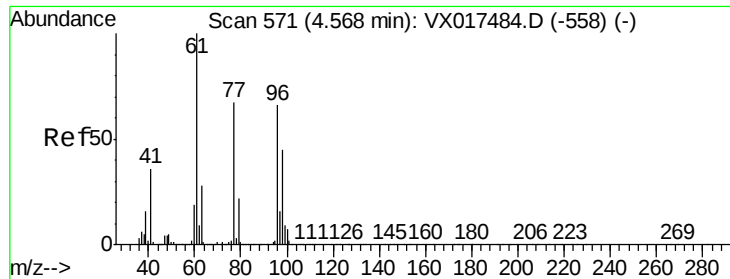
Tgt Ion: 77 Resp: 61869

Ion Ratio Lower Upper

77 100

97 23.0 11.1 33.3





#27

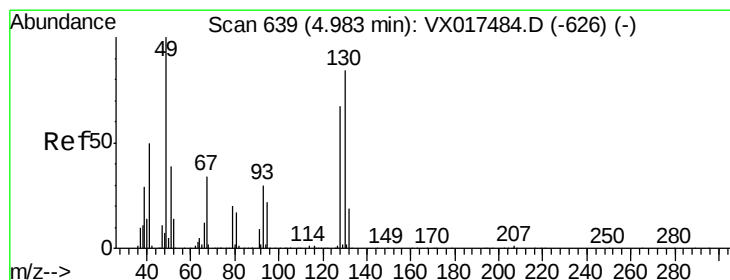
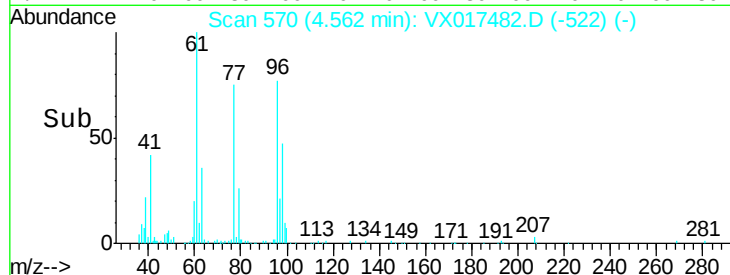
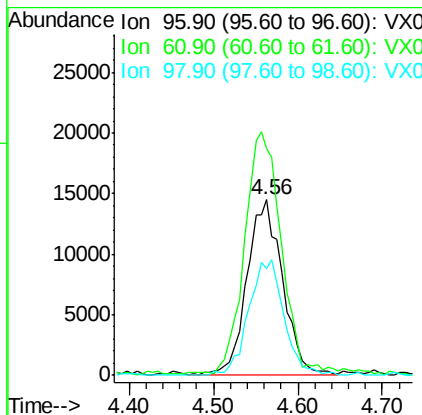
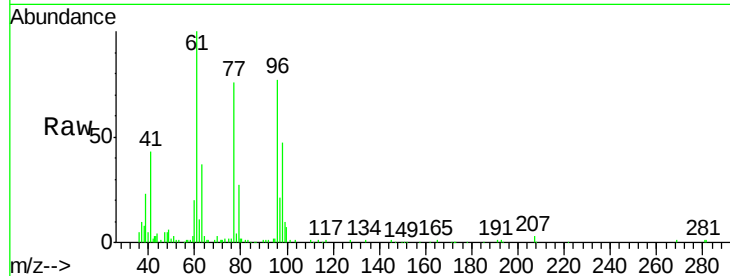
cis-1,2-Dichloroethene
Concen: 5.850 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	299.2
98	64.9	0.0	127.6

Manual Integrations
APPROVED

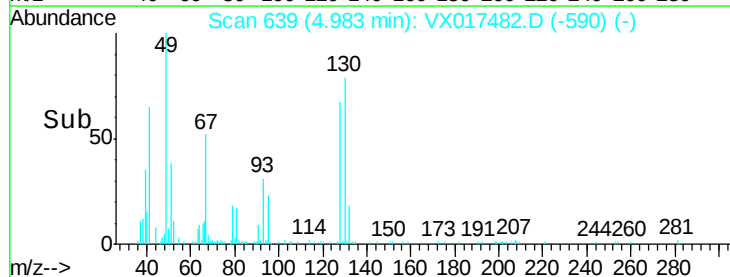
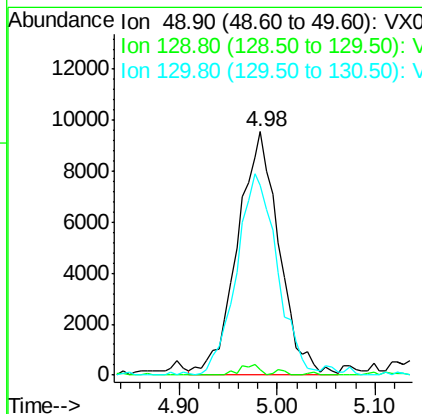
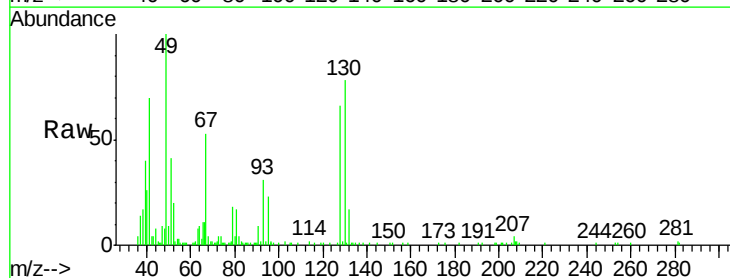
MMDadoda
7/24/2020 1:00:49 PM

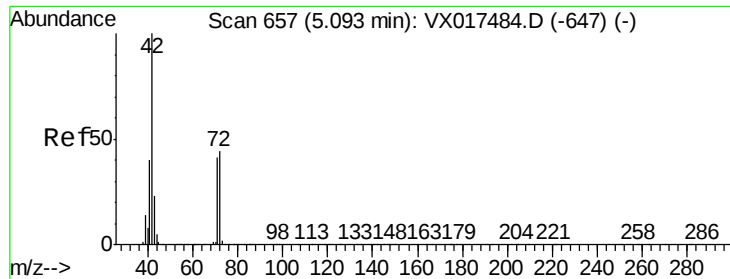


#28

Bromochloromethane
Concen: 5.500 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.4
130	80.8	68.0	102.0





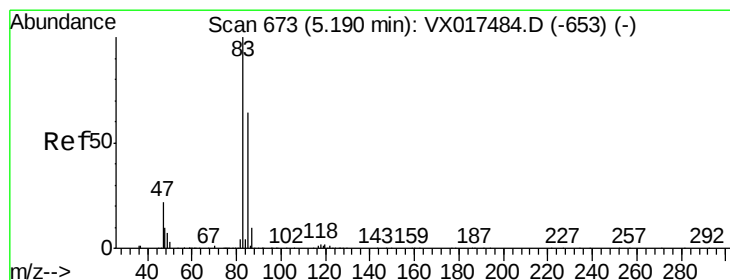
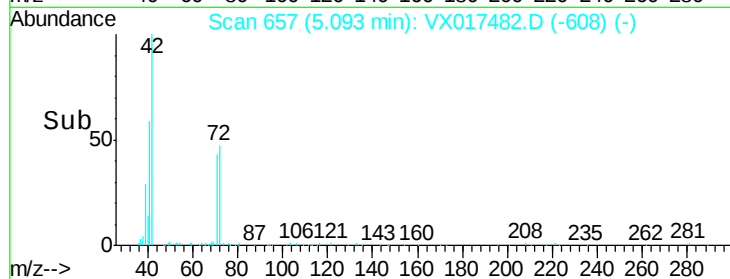
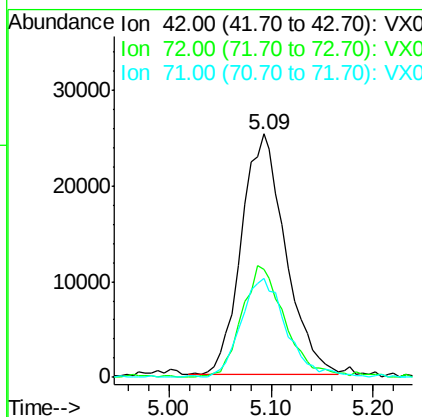
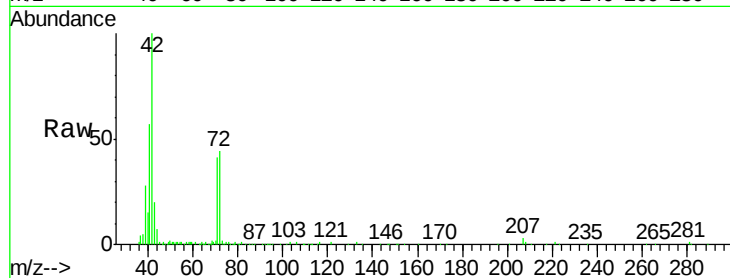
#29
Tetrahydrofuran
Concen: 25.702 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	34.1	51.1
71	42.7	32.3	48.5

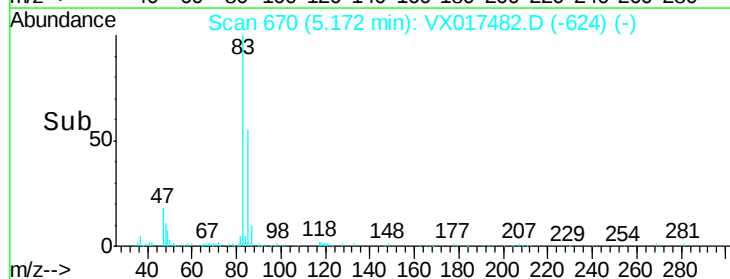
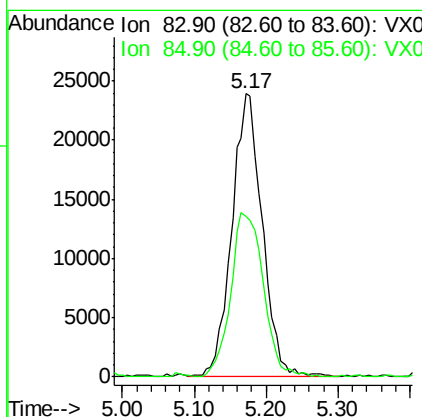
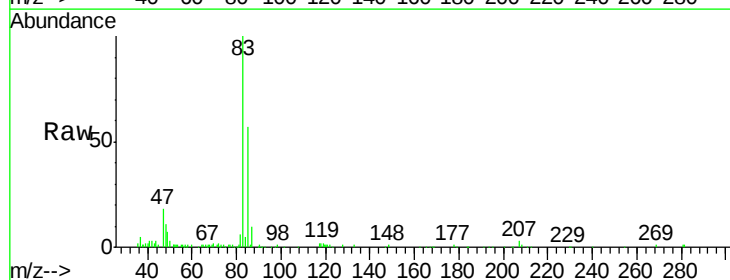
Manual Integrations
APPROVED

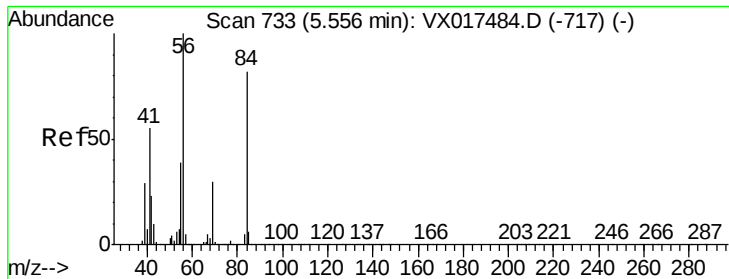
MMDadoda
7/24/2020 1:00:49 PM



#30
Chloroform
Concen: 5.888 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.02 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.8	51.4	77.0





#31

Cyclohexane

Concen: 5.962 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

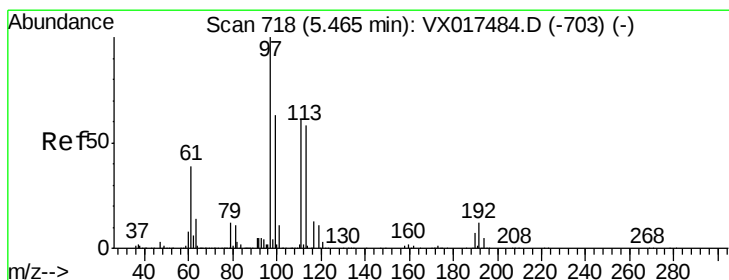
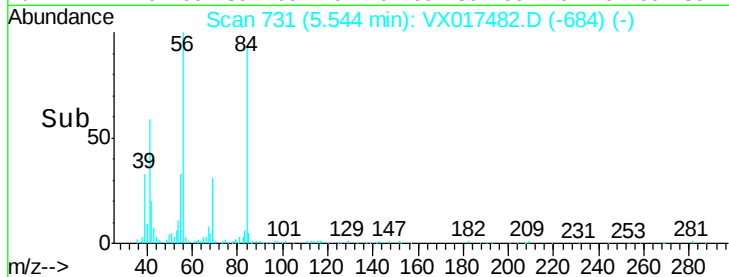
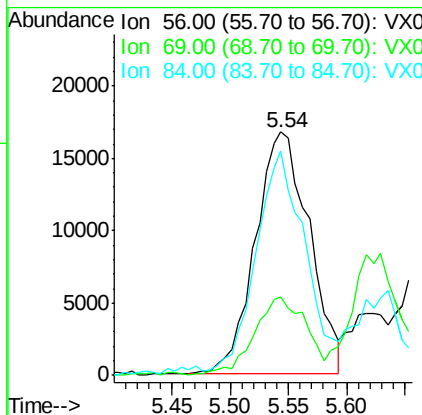
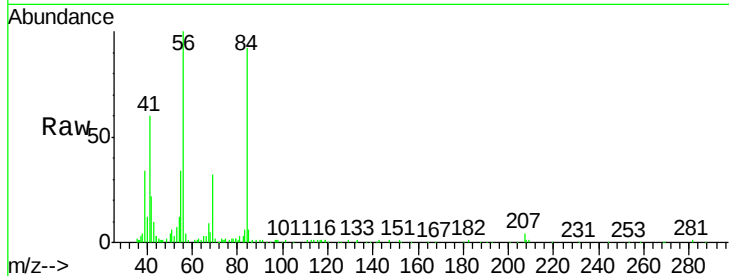
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.1	36.1
84	90.8	65.8	98.8

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#32

1,1,1-Trichloroethane

Concen: 6.028 ug/l

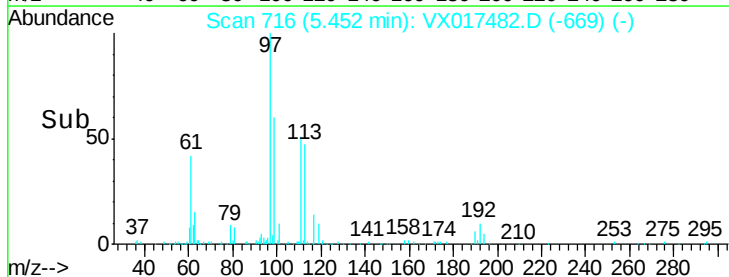
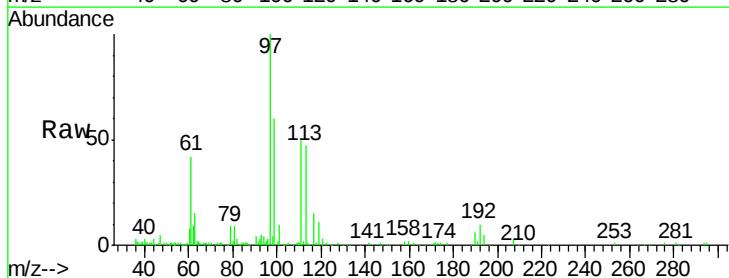
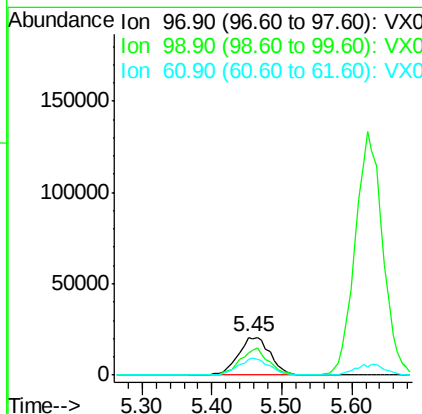
RT: 5.45 min Scan# 716

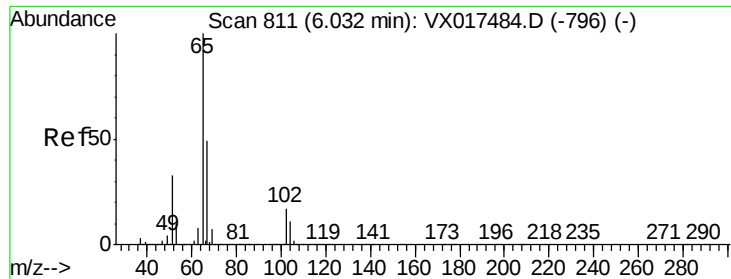
Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.1	76.7
61	42.4	33.4	50.0





#33

1,2-Dichloroethane-d4

Concen: 5.468 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 65 Resp: 43652

Ion Ratio Lower Upper

65 100

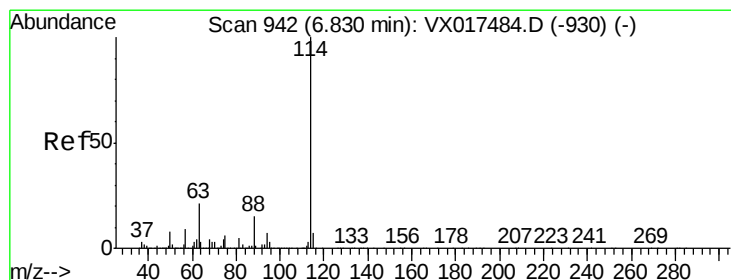
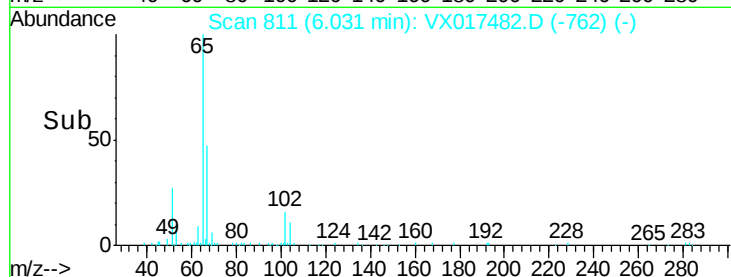
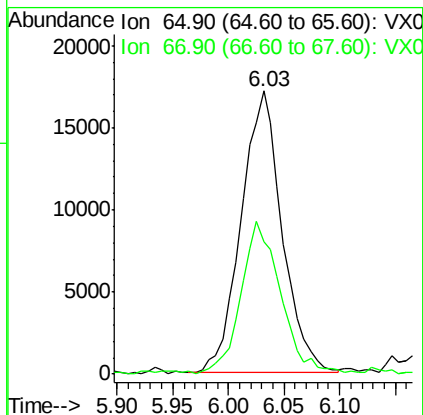
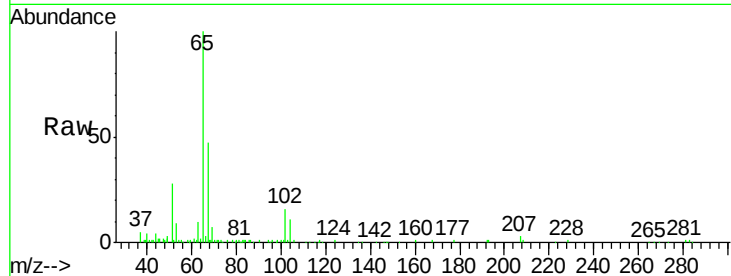
67 53.4 0.0 101.0

Manual Integrations

APPROVED

MMDadoda

7/24/2020 1:00:49 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

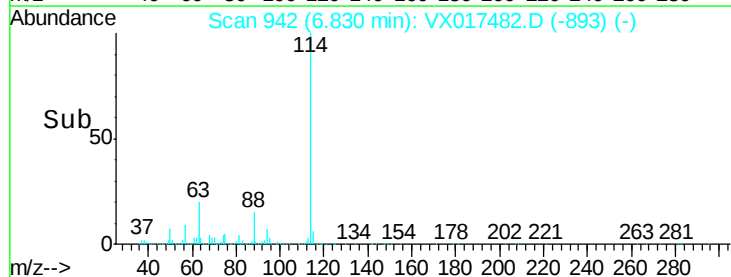
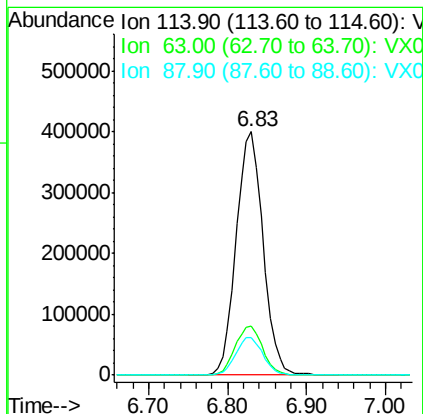
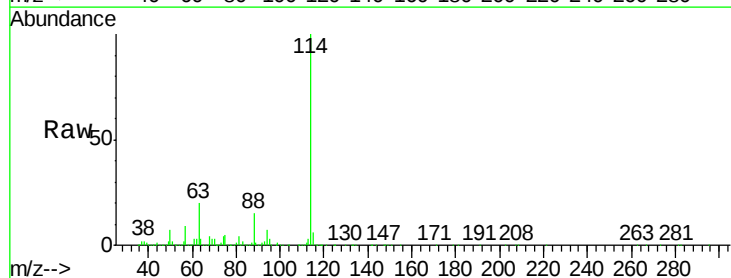
Tgt Ion: 114 Resp: 949219

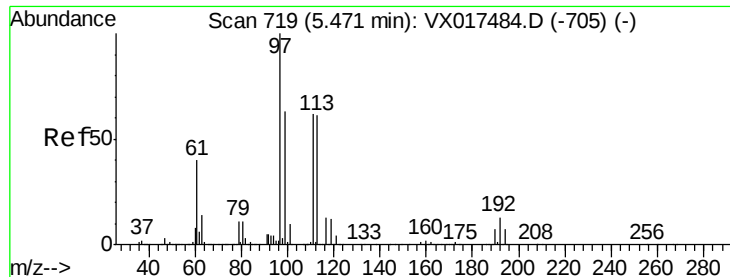
Ion Ratio Lower Upper

114 100

63 20.3 0.0 41.2

88 15.3 0.0 30.6





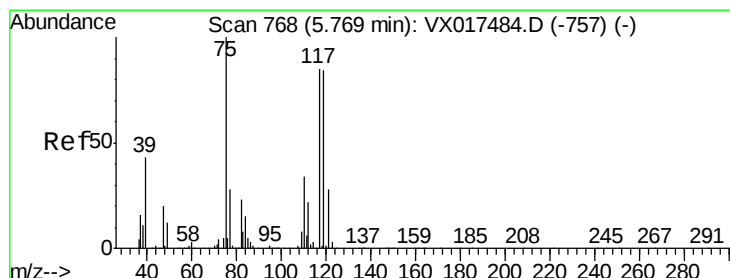
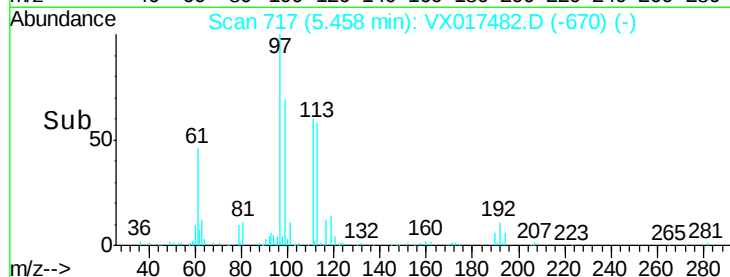
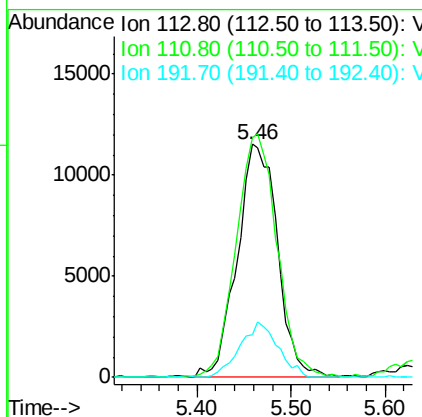
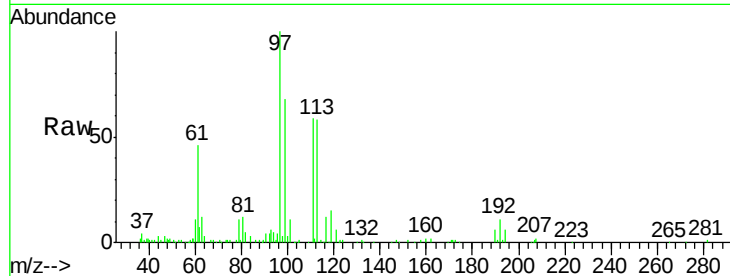
#35
Dibromofluoromethane
Concen: 5.335 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
113	100		
111	106.0	82.2	123.2
192	22.3	17.0	25.4

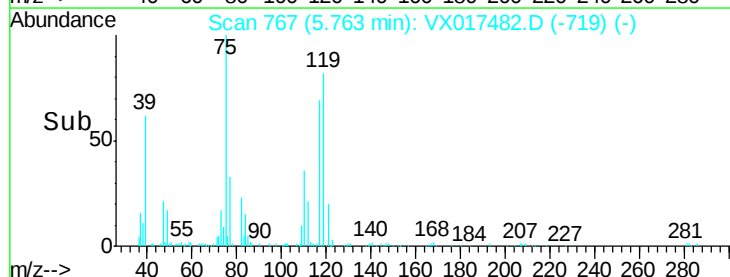
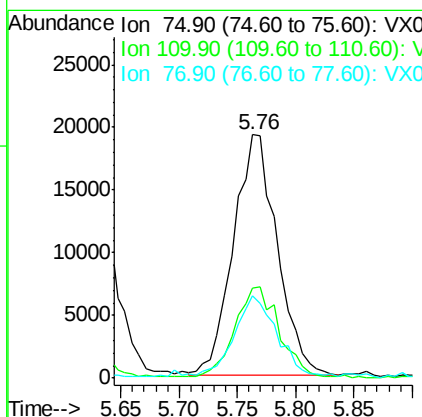
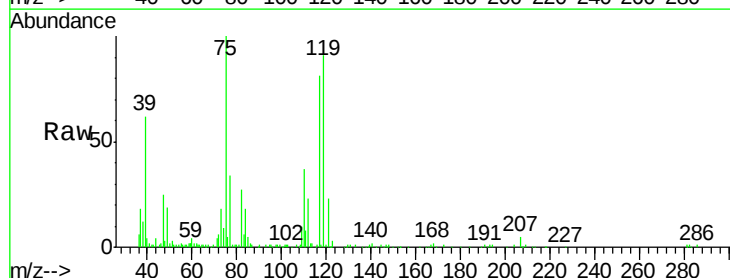
Manual Integrations
APPROVED

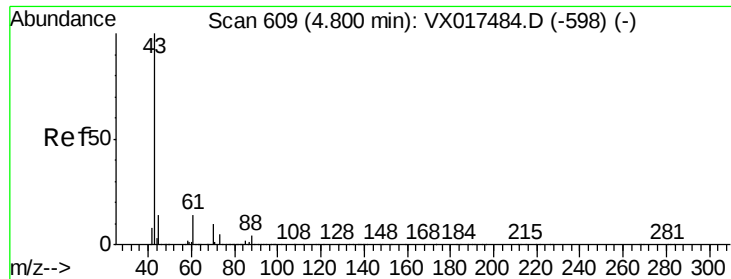
MMDadoda
7/24/2020 1:00:49 PM



#36
1,1-Dichloropropene
Concen: 5.779 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.6	18.1	54.3
77	32.9	24.5	36.7





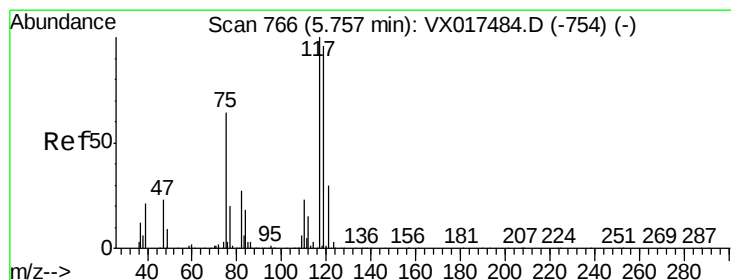
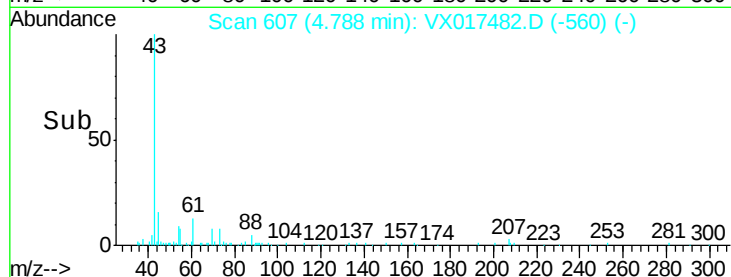
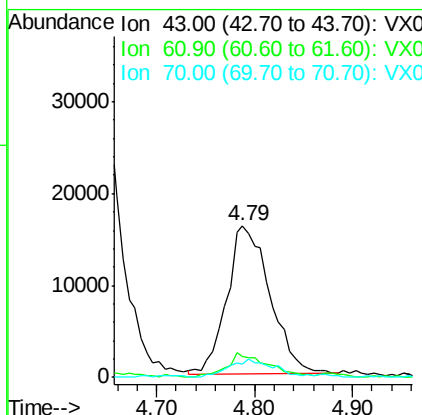
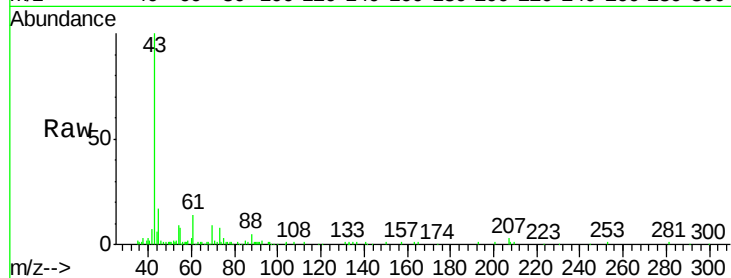
#37
Ethyl Acetate
Concen: 5.311 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.0	11.0	16.4
70	12.5	8.4	12.6

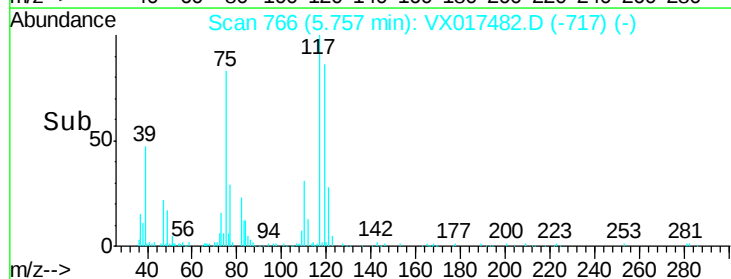
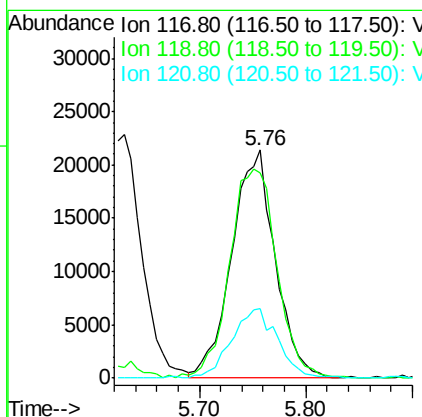
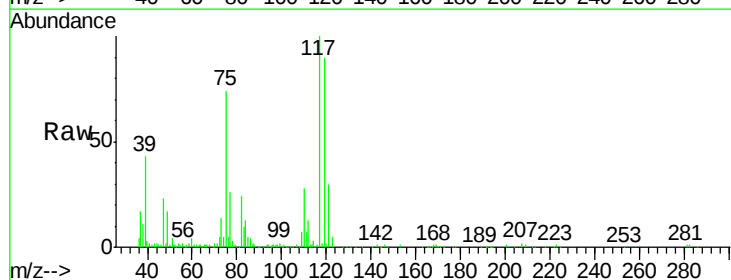
Manual Integrations
APPROVED

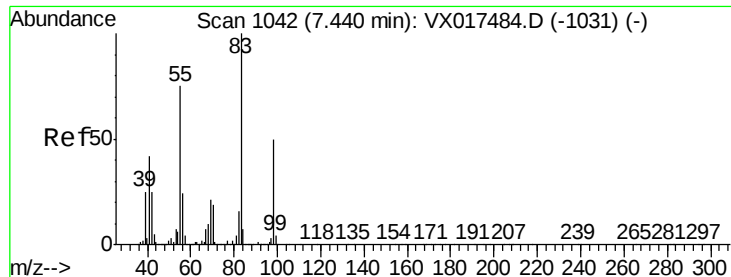
MMDadoda
7/24/2020 1:00:49 PM



#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	89.5	76.7	115.1
121	30.3	24.2	36.2





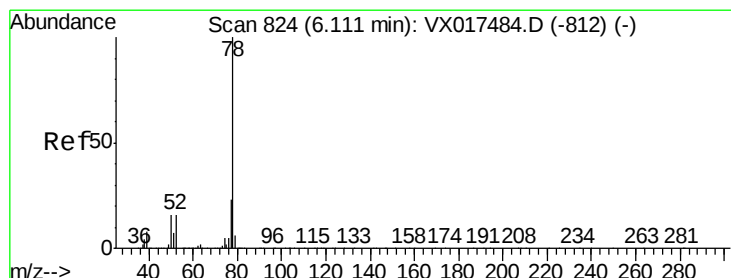
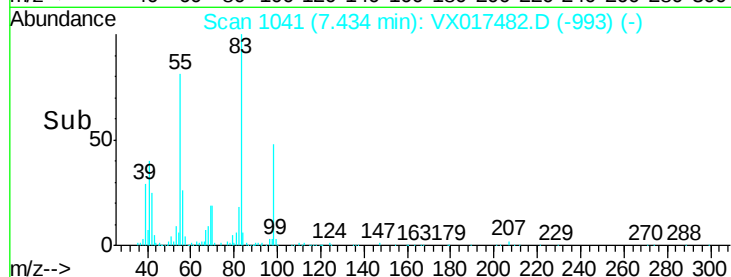
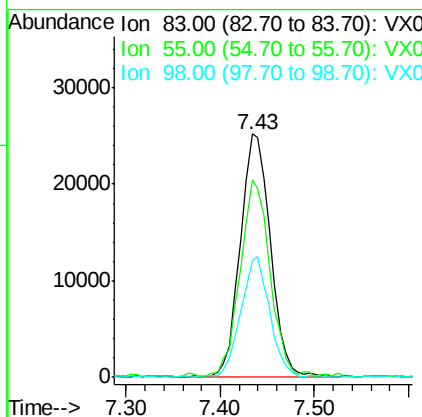
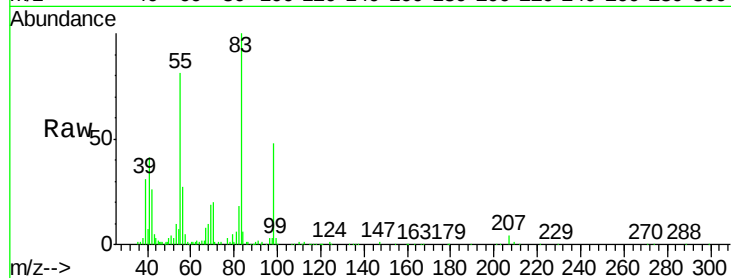
#39
Methvlcvclohexane
Concen: 6.003 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	60.2	90.2
98	47.7	39.8	59.6

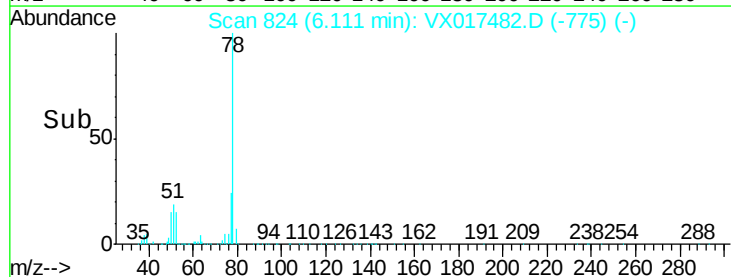
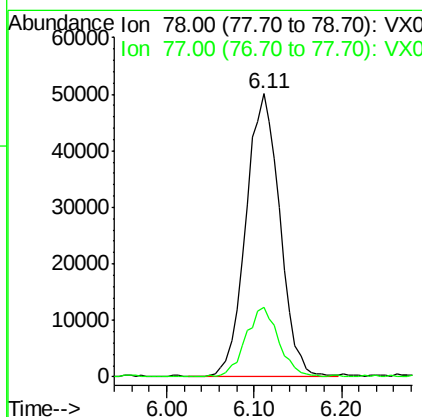
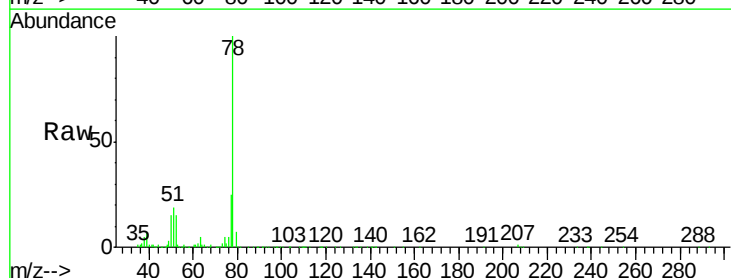
Manual Integrations
APPROVED

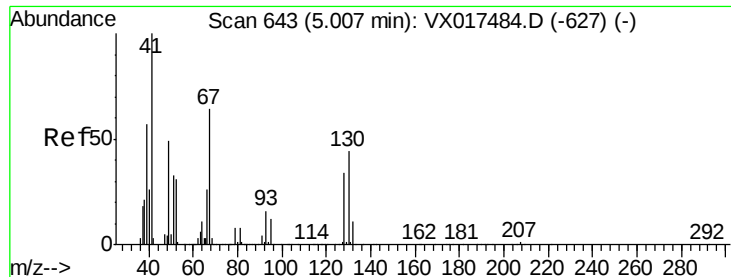
MMDadoda
7/24/2020 1:00:49 PM



#40
Benzene
Concen: 5.362 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.2	27.4





#41

Methacrylonitrile

Concen: 5.729 ug/l

RT: 4.99 min Scan# 641

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

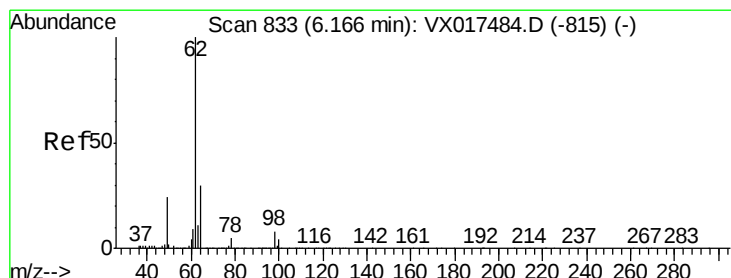
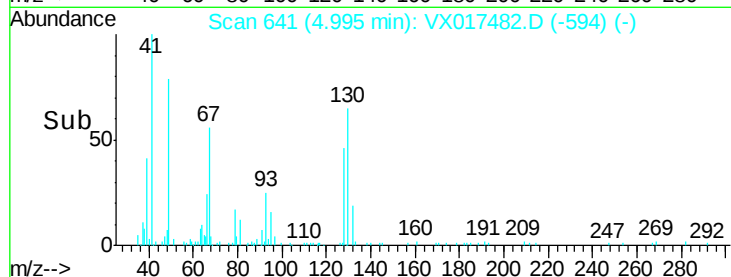
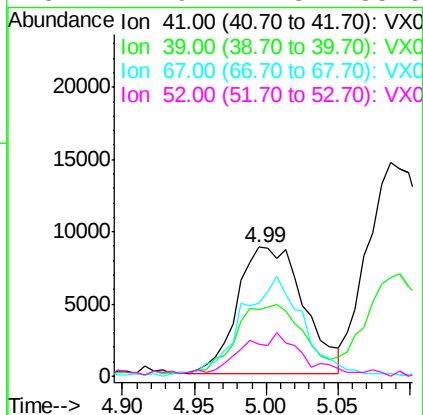
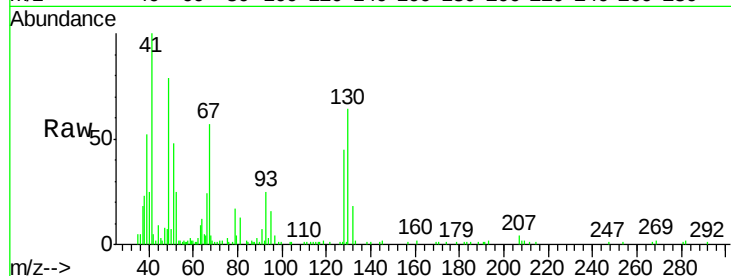
ClientSampleId :

VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.8	44.0	66.0	
67	73.4	55.0	82.4	
52	27.9	22.3	33.5	

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#42

1,2-Dichloroethane

Concen: 5.587 ug/l

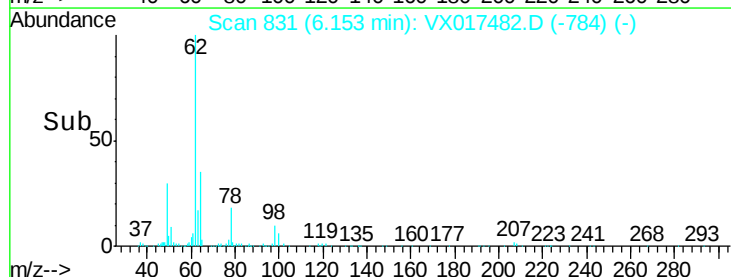
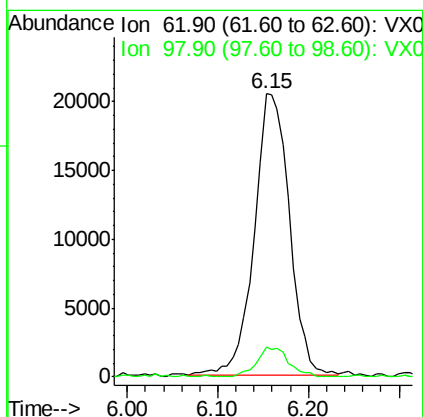
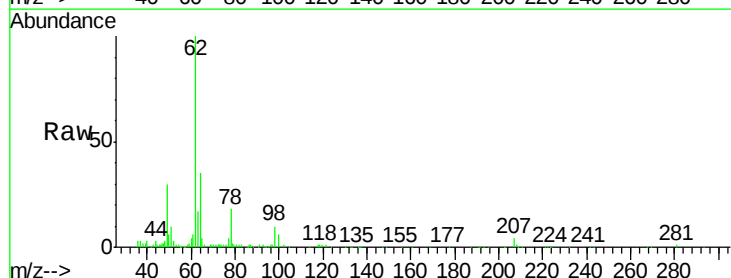
RT: 6.15 min Scan# 831

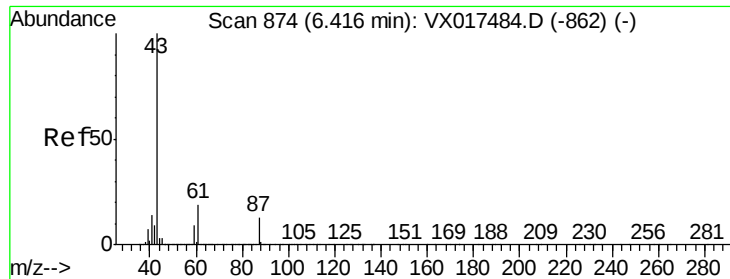
Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	15.6	





#43

Isopropyl Acetate

Concen: 5.440 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

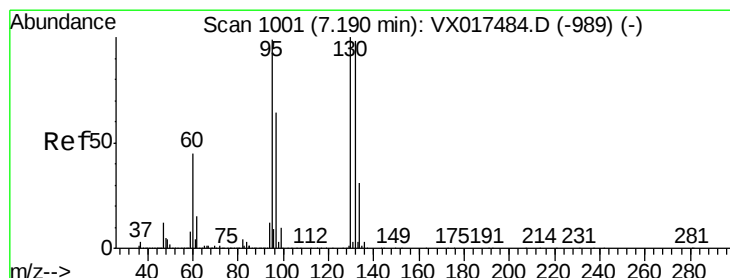
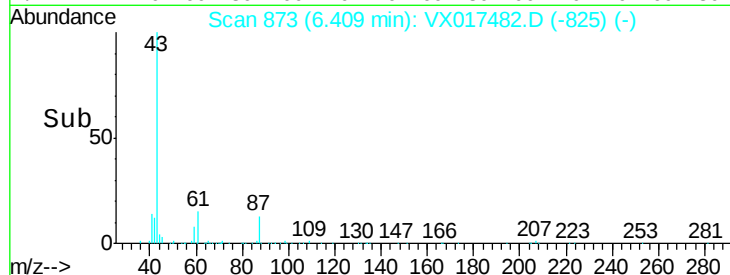
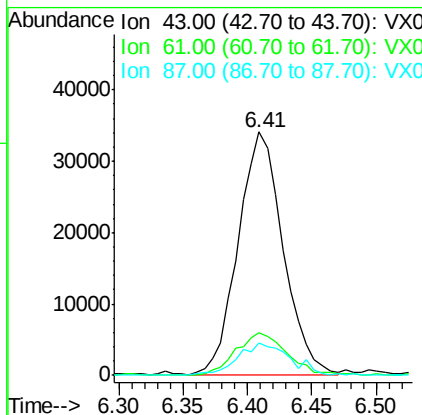
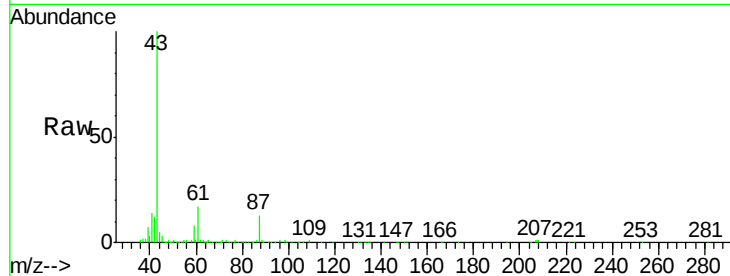
ClientSampleId :

VSTDIC005

Tot Ion:	43	Resp:	81795
Ion	Ratio	Lower	Upper
43	100		
61	20.2	15.6	23.4
87	15.7	10.4	15.6

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#44

Trichloroethene

Concen: 5.407 ug/l

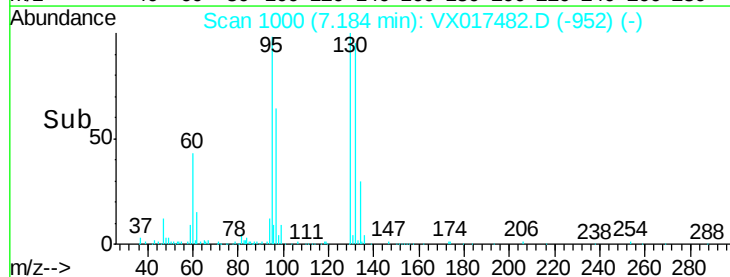
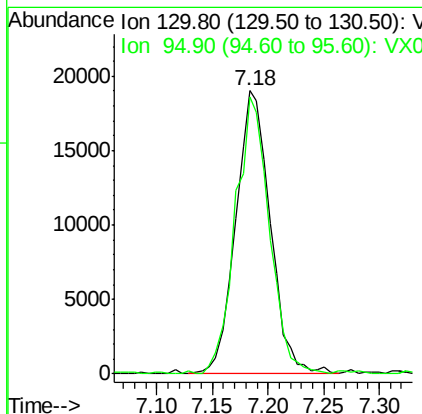
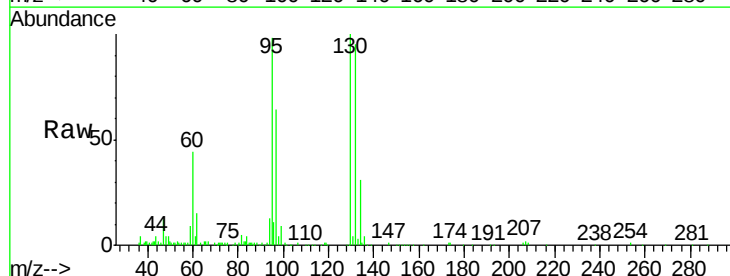
RT: 7.18 min Scan# 1000

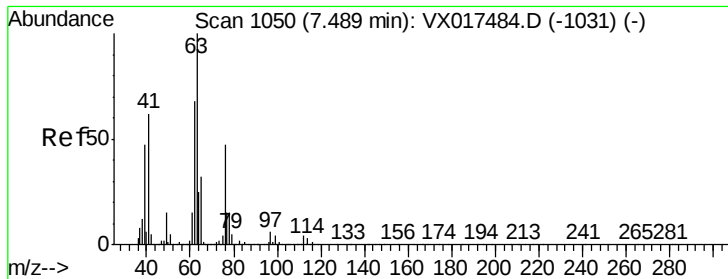
Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	130	Resp:	41042
Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	198.4





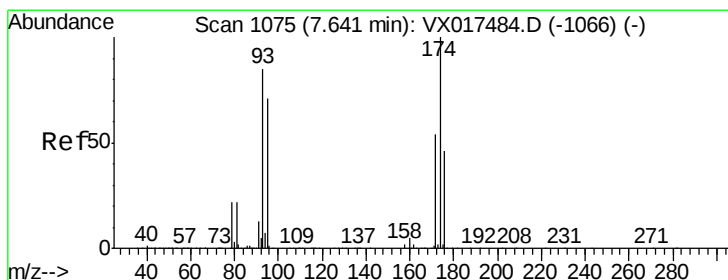
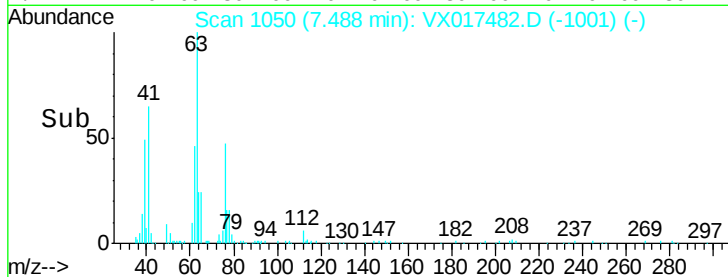
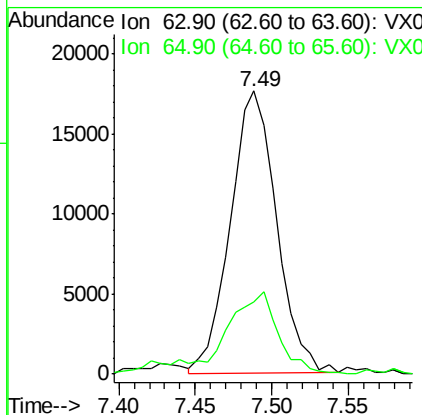
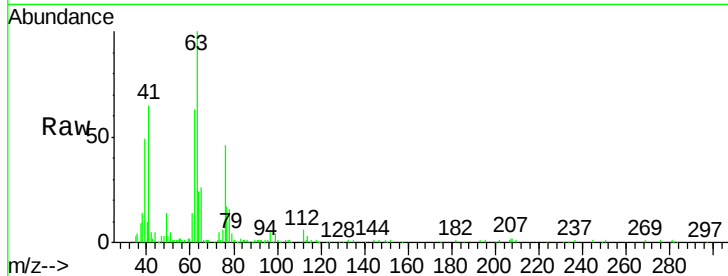
#45
 1,2-Dichloropropane
 Concen: 5.744 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 63 Resp: 36888
 Ion Ratio Lower Upper
 63 100
 65 25.0 25.4 38.2#

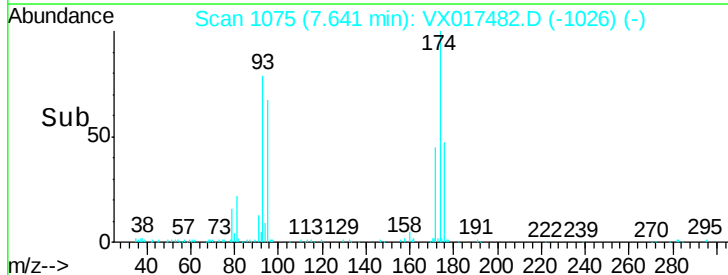
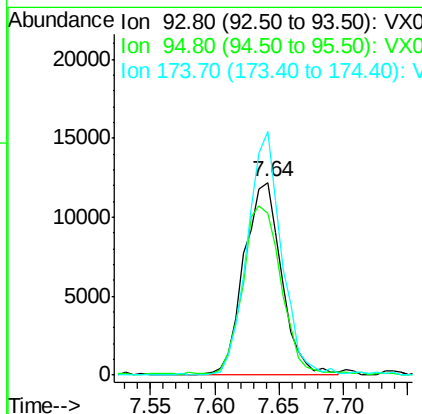
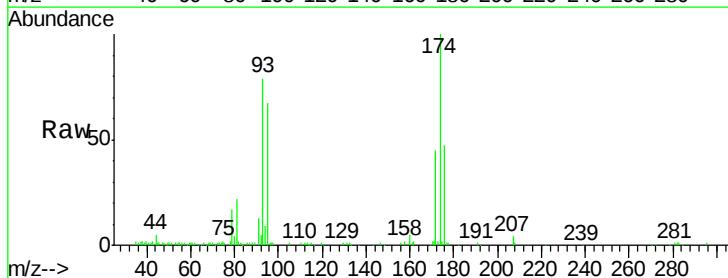
Manual Integrations
 APPROVED

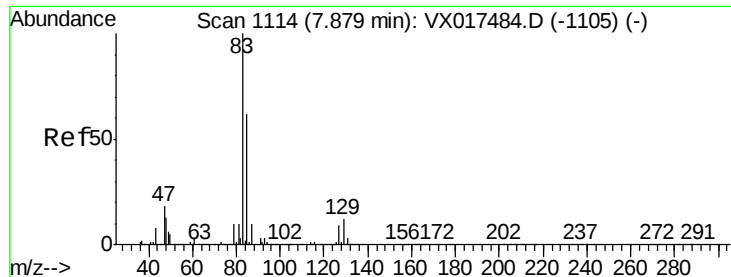
MMDadoda
 7/24/2020 1:00:49 PM



#46
 Dibromomethane
 Concen: 5.333 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion: 93 Resp: 24660
 Ion Ratio Lower Upper
 93 100
 95 90.8 65.7 98.5
 174 114.5 91.8 137.8





#47

Bromodichloromethane

Concen: 5.621 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

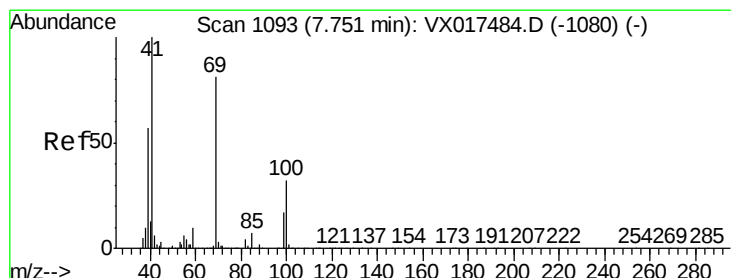
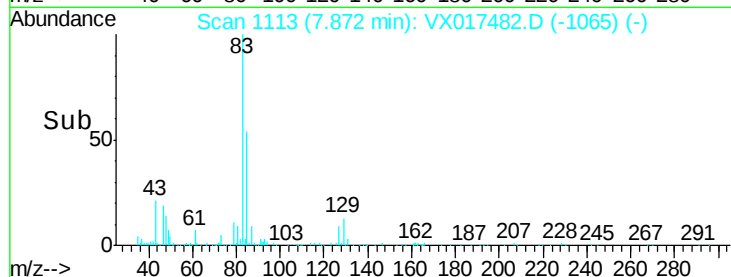
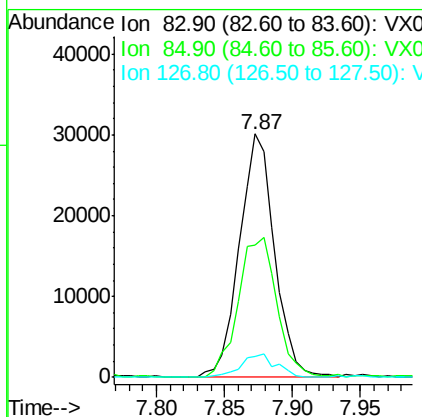
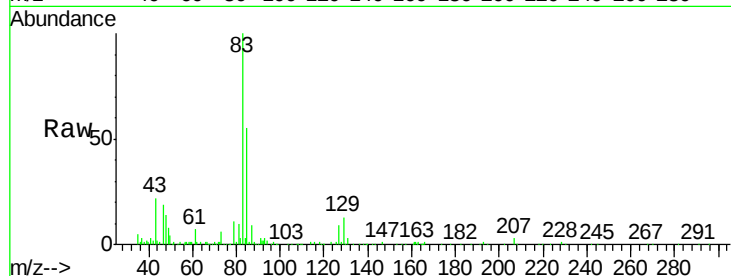
ClientSampleId :

VSTDIC005

Tot Ion:	83	Resp:	54317
Ion	Ratio	Lower	Upper
83	100		
85	53.9	49.6	74.4
127	8.7	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#48

Methyl methacrylate

Concen: 5.515 ug/l

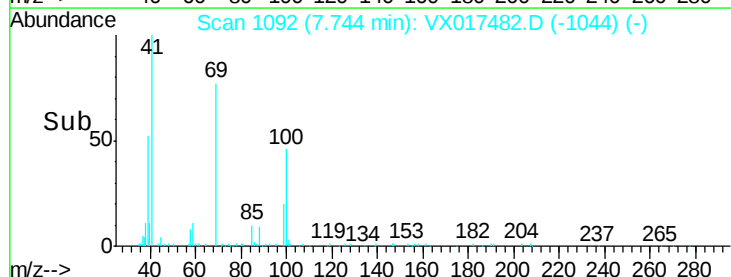
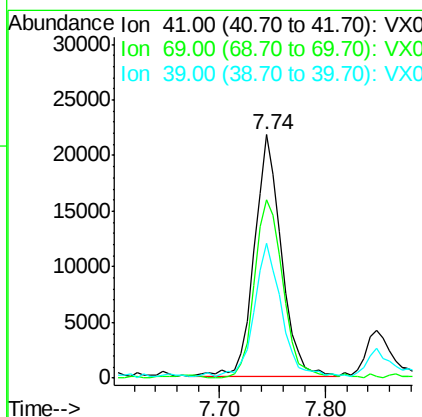
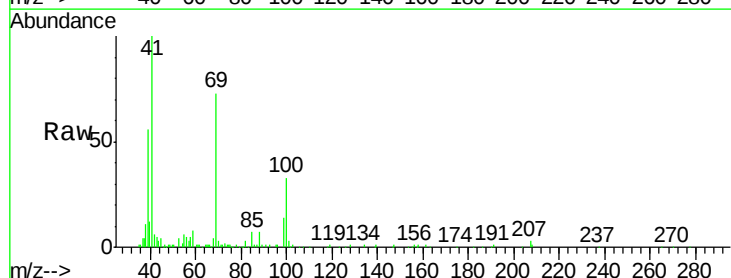
RT: 7.74 min Scan# 1092

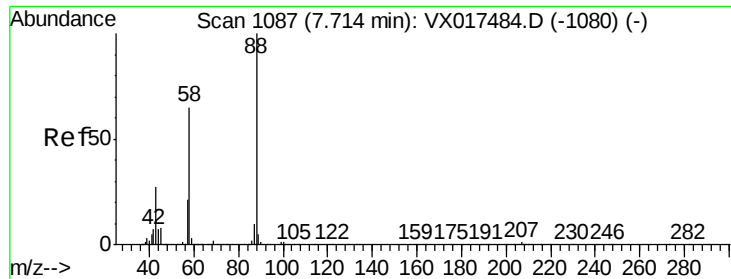
Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	41	Resp:	38714
Ion	Ratio	Lower	Upper
41	100		
69	78.1	64.3	96.5
39	54.4	46.8	70.2





#49

1,4-Dioxane

Concen: 100.407 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

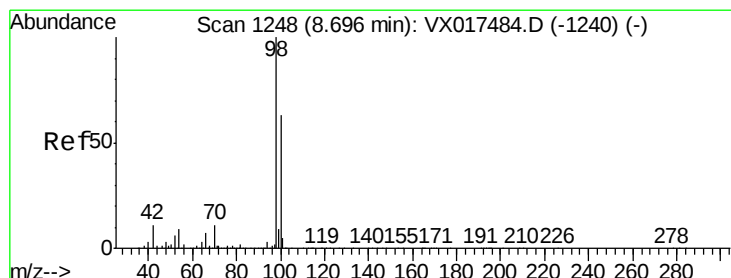
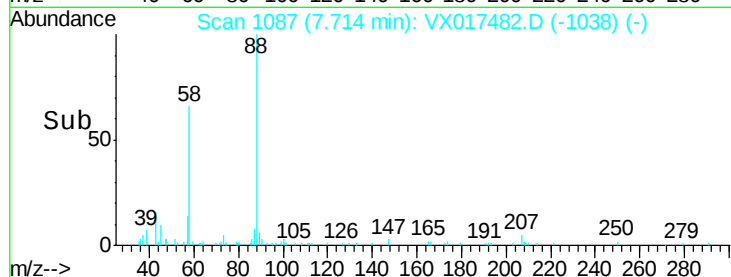
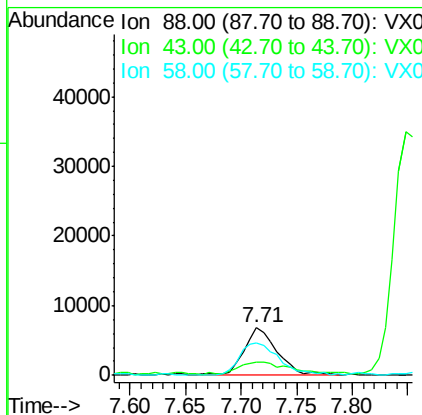
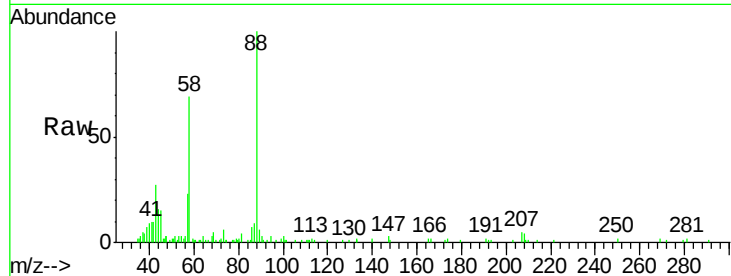
ClientSampleId :

VSTDIC005

Tot Ion:	88	Resp:	14200
Ion	Ratio	Lower	Upper
88	100		
43	38.5	27.3	40.9
58	80.3	55.5	83.3

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#50

Toluene-d8

Concen: 5.108 ug/l

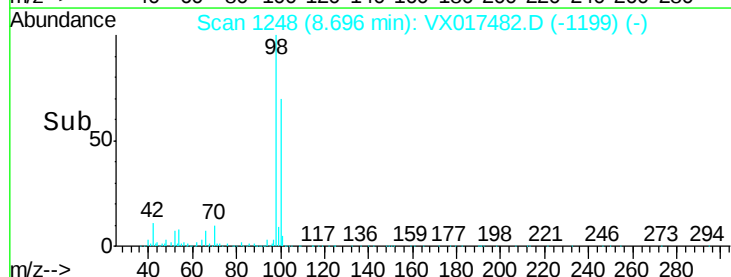
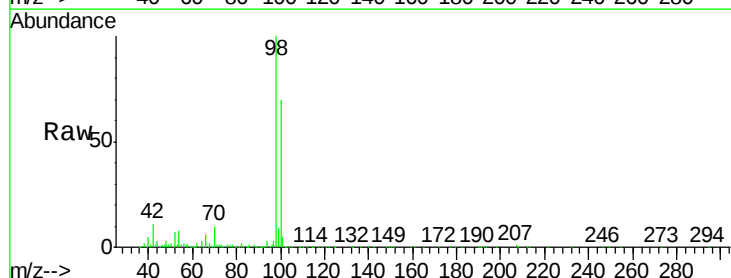
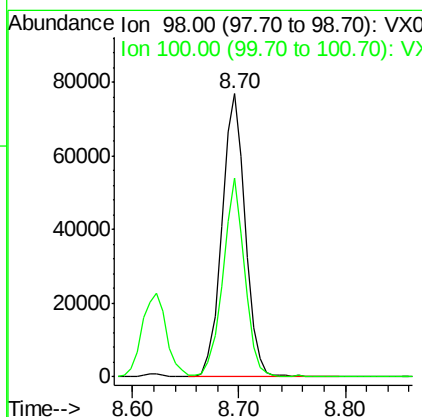
RT: 8.70 min Scan# 1248

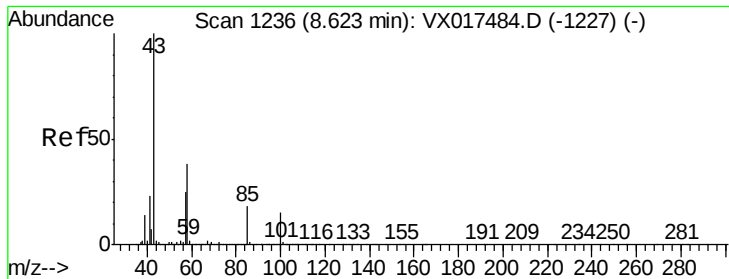
Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	98	Resp:	118032
Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4





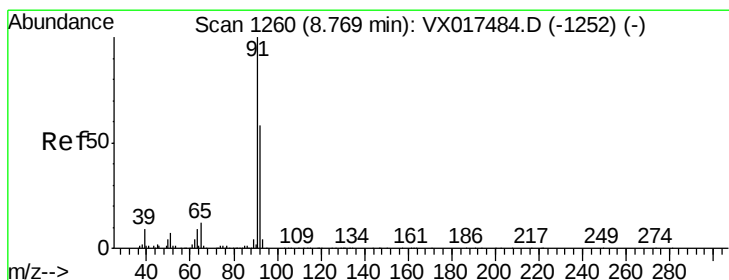
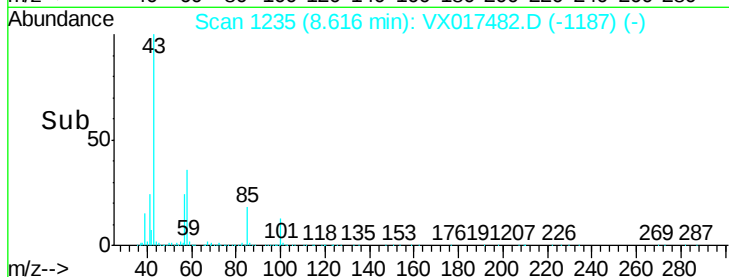
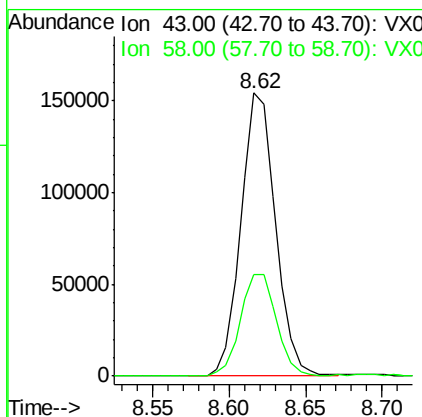
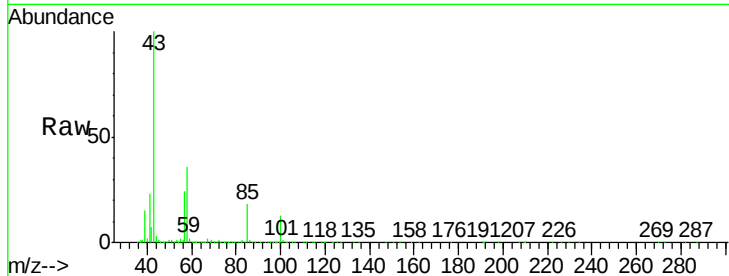
#51
4-Methyl-2-Pentanone
Concen: 26.810 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 240948
Ion Ratio Lower Upper
43 100
58 37.7 30.6 46.0

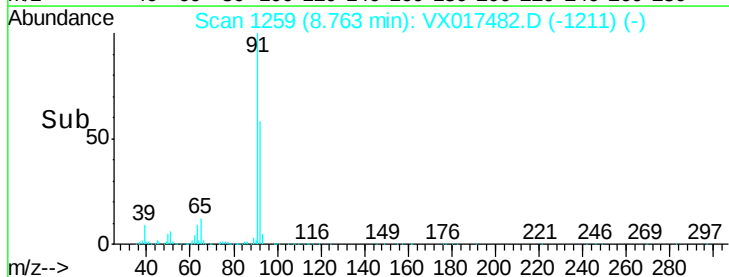
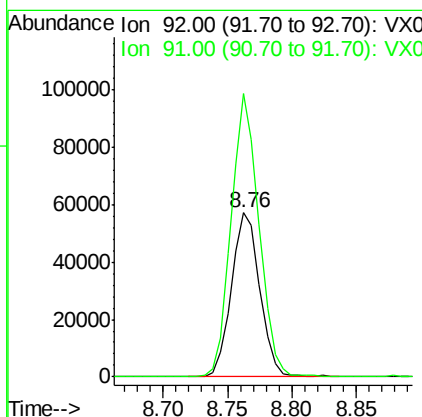
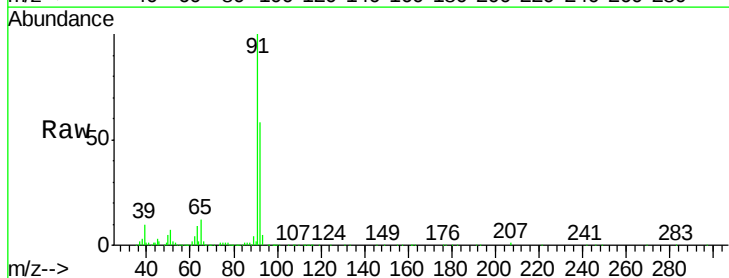
Manual Integrations
APPROVED

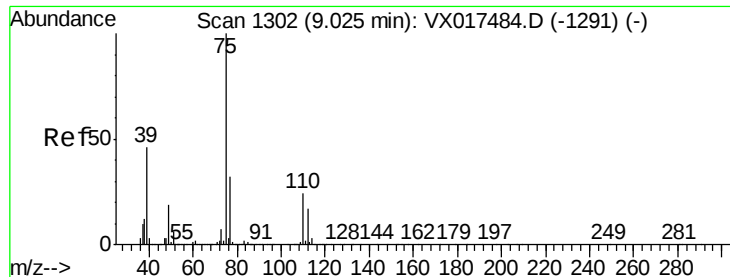
MMDadoda
7/24/2020 1:00:49 PM



#52
Toluene
Concen: 5.505 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 92 Resp: 88019
Ion Ratio Lower Upper
92 100
91 169.4 138.5 207.7





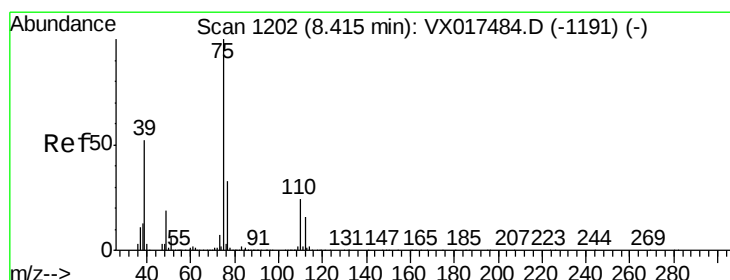
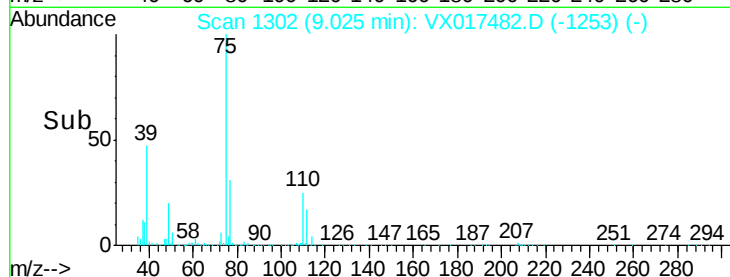
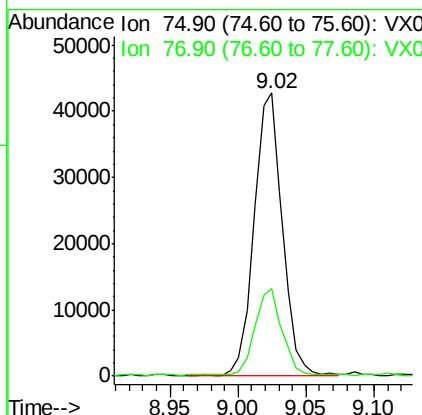
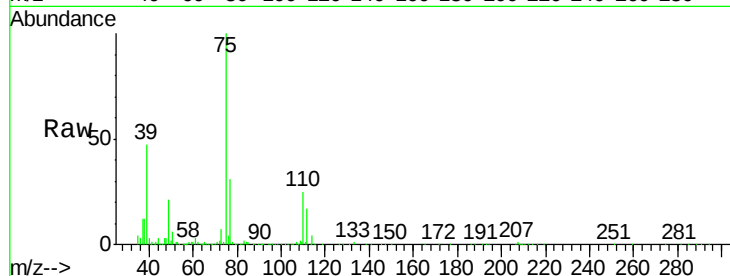
#53
t-1,3-Dichloropropene
Concen: 5.923 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.3	25.4	38.2

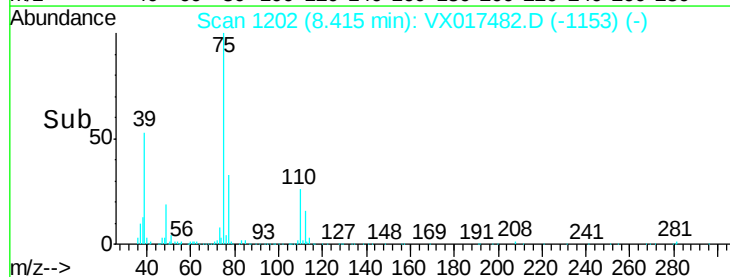
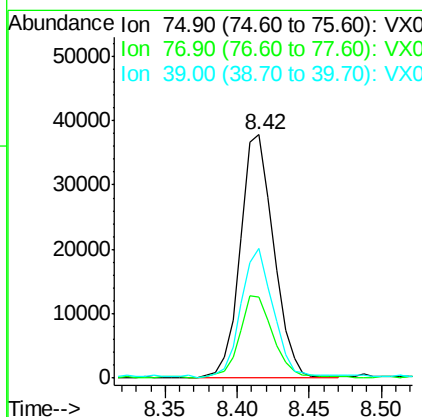
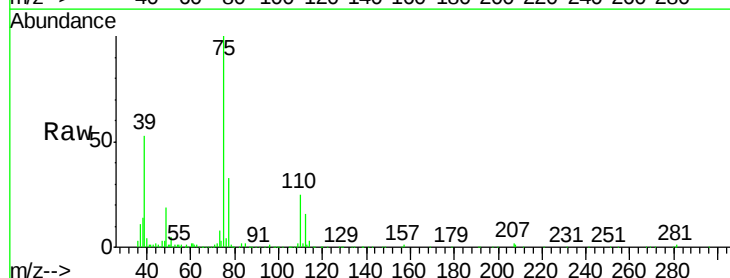
Manual Integrations
APPROVED

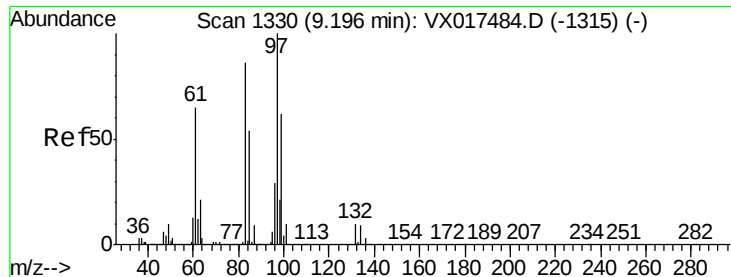
MMDadoda
7/24/2020 1:00:49 PM



#54
cis-1,3-Dichloropropene
Concen: 5.511 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	26.6	39.8
39	52.2	41.1	61.7





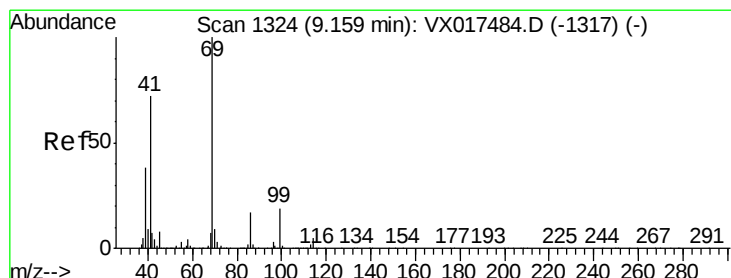
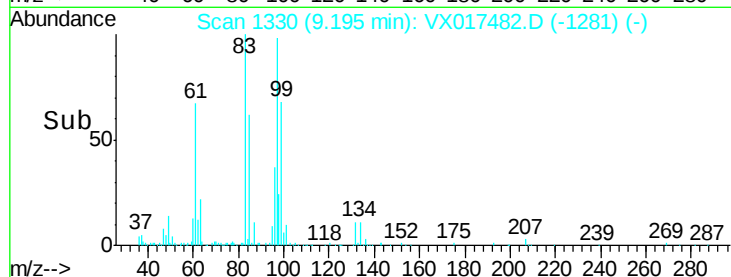
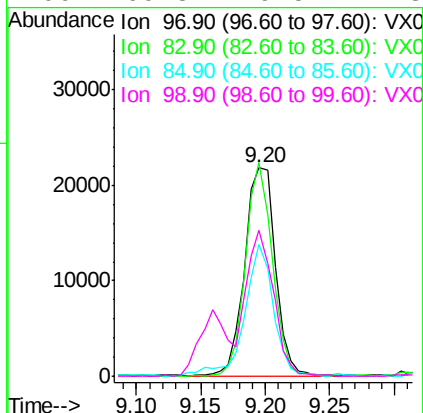
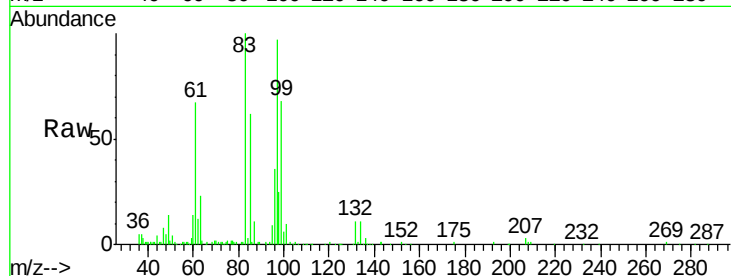
#55
 1,1,2-Trichloroethane
 Concen: 5.348 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	97	Resp	36051
Ion	Ratio	Lower	Upper
97	100		
83	102.4	68.9	103.3
85	62.4	43.6	65.4
99	69.8	49.5	74.3

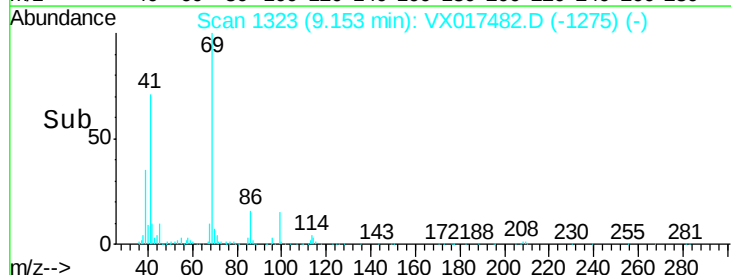
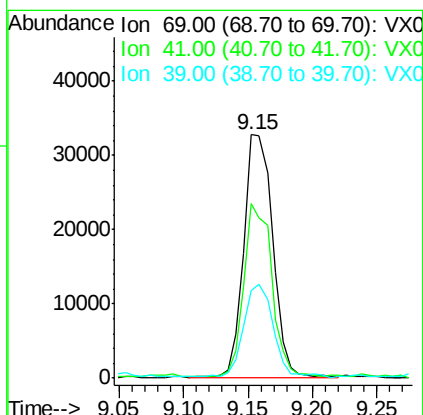
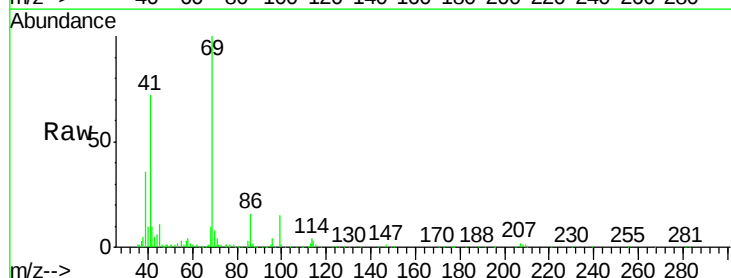
Manual Integrations
 APPROVED

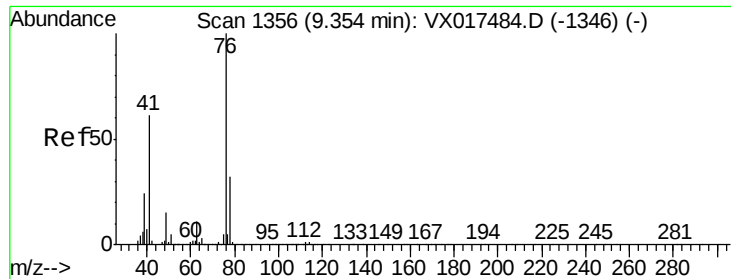
MMDadoda
 7/24/2020 1:00:49 PM



#56
 Ethyl methacrylate
 Concen: 5.213 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion	69	Resp	50505
Ion	Ratio	Lower	Upper
69	100		
41	68.3	55.5	83.3
39	41.1	30.4	45.6





#57

1,3-Dichloropropane

Concen: 5.313 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 59661

Ion Ratio Lower Upper

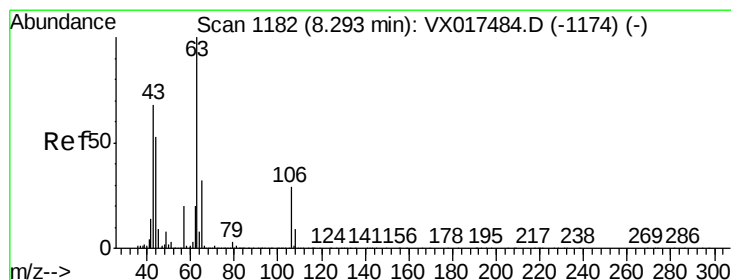
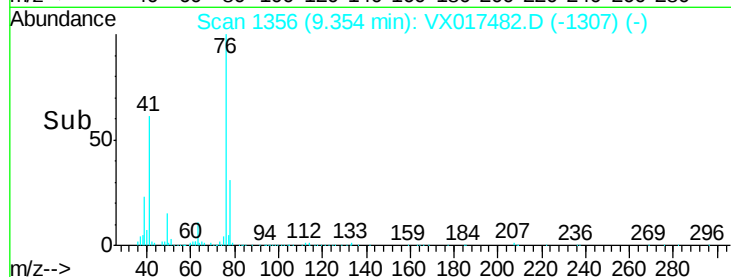
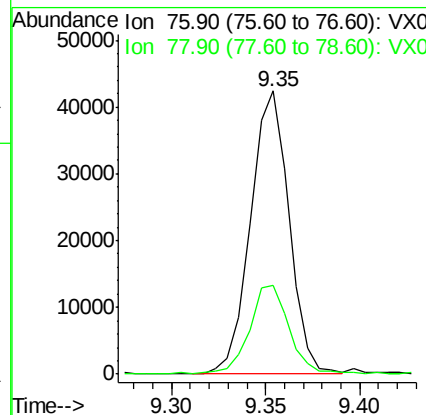
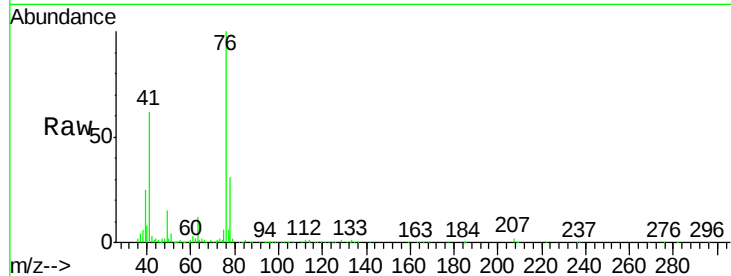
76 100

78 33.1 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:49 PM



#58

2-Chloroethyl Vinyl ether

Concen: 28.644 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX017482.D

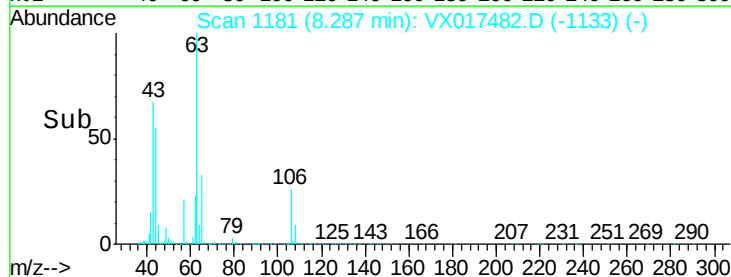
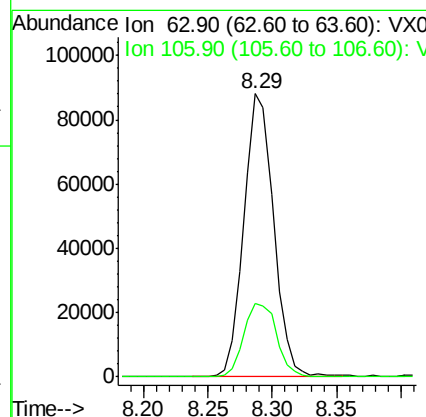
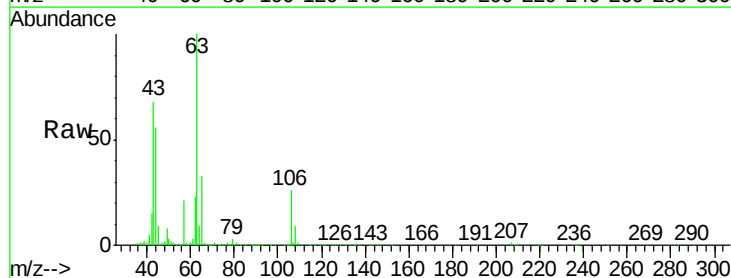
Acq: 23 Jul 2020 09:45

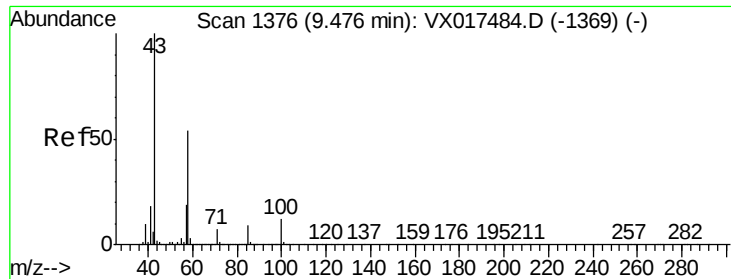
Tgt Ion: 63 Resp: 140683

Ion Ratio Lower Upper

63 100

106 28.7 22.8 34.2





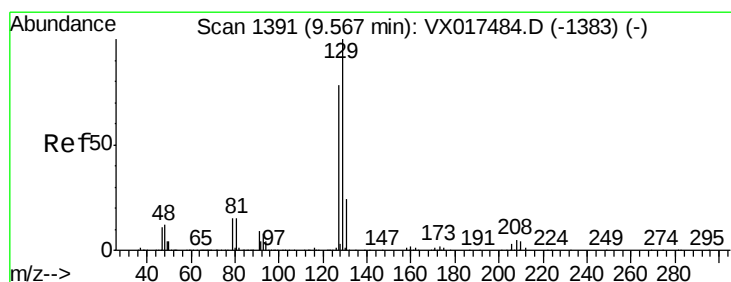
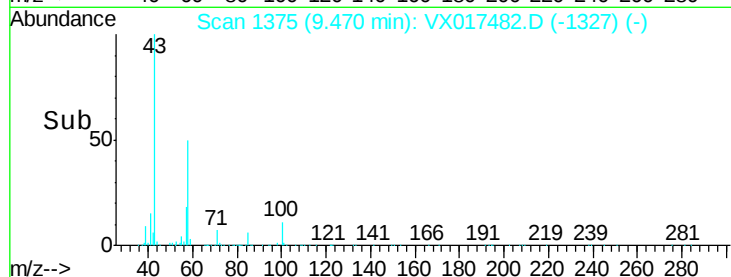
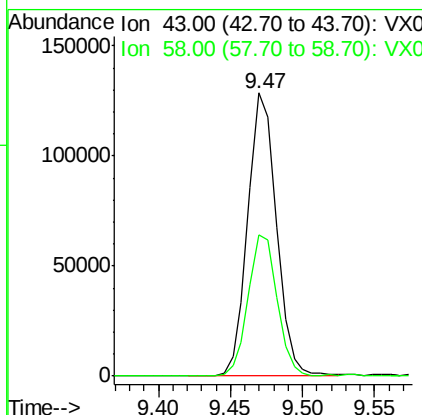
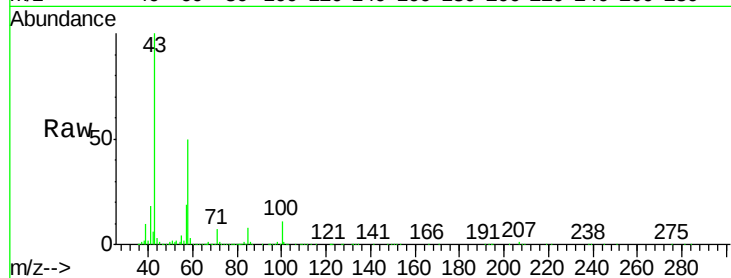
#59
2-Hexanone
Concen: 26.030 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 177413
Ion Ratio Lower Upper
43 100
58 50.3 26.3 78.8

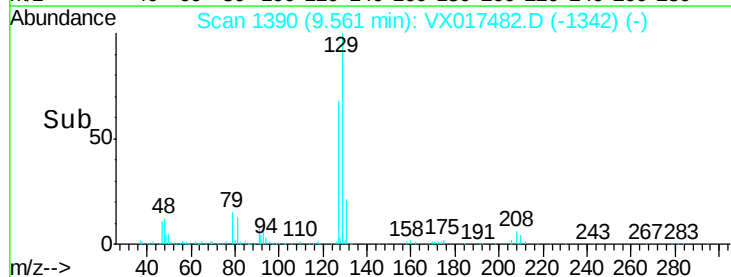
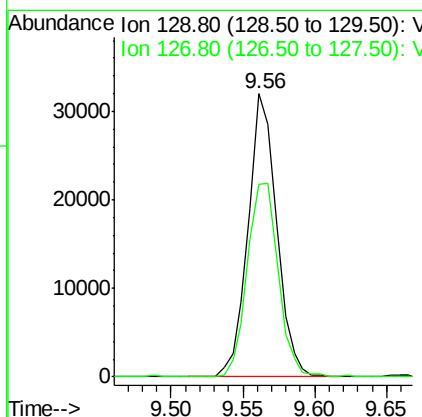
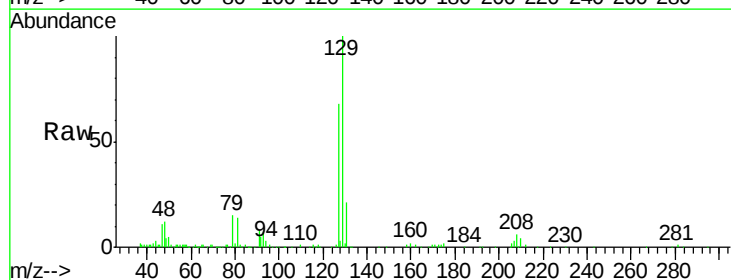
Manual Integrations
APPROVED

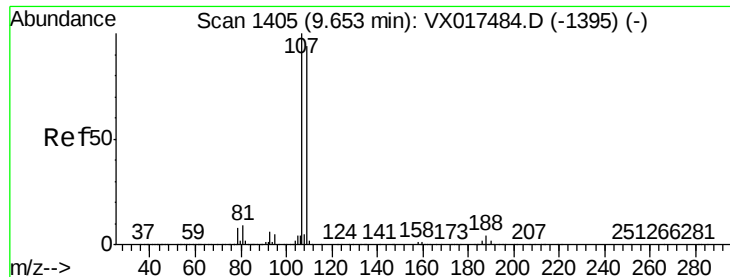
MMDadoda
7/24/2020 1:00:49 PM



#60
Dibromochloromethane
Concen: 5.300 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion: 129 Resp: 43892
Ion Ratio Lower Upper
129 100
127 74.4 38.6 115.7





#61

1,2-Dibromoethane

Concen: 5.259 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 107 Resp: 38651

Ion Ratio Lower Upper

107 100

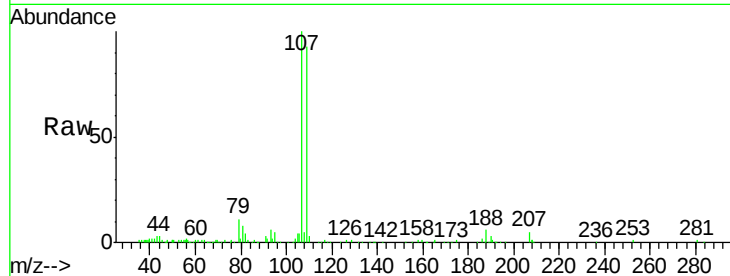
109 93.4 75.0 112.6

Manual Integrations

APPROVED

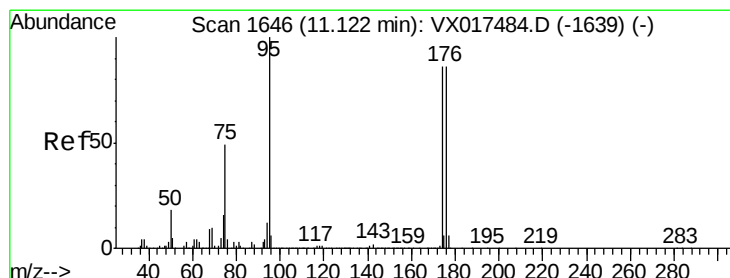
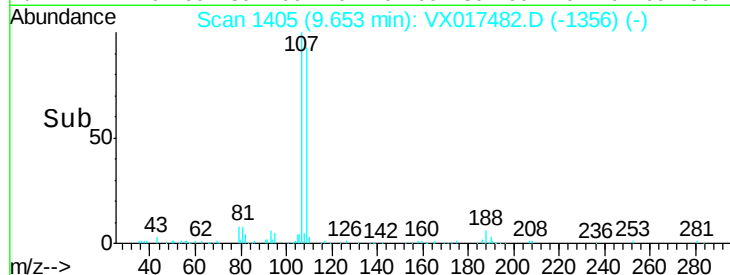
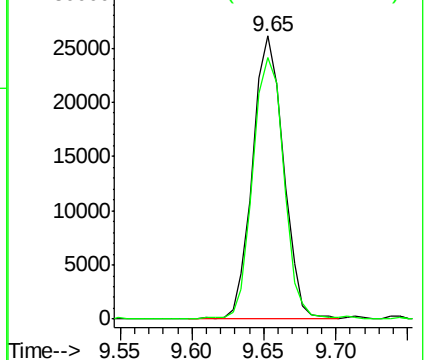
MMDadoda

7/24/2020 1:00:49 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 5.433 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

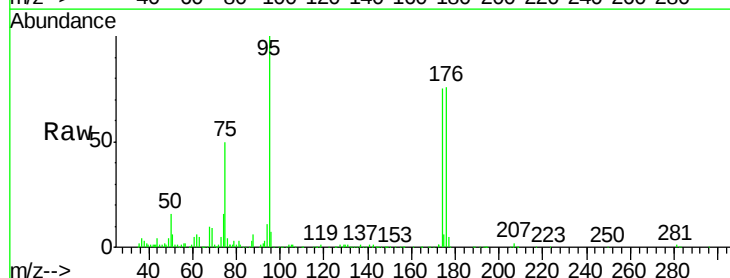
Tgt Ion: 95 Resp: 49325

Ion Ratio Lower Upper

95 100

174 80.5 0.0 169.2

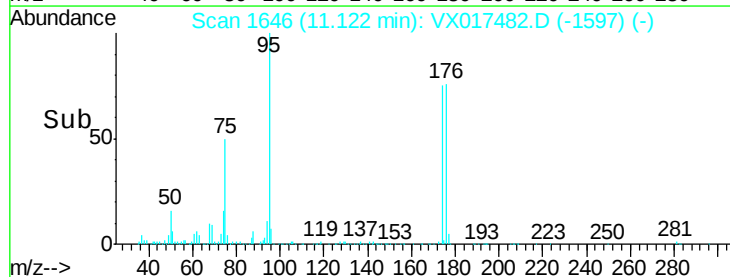
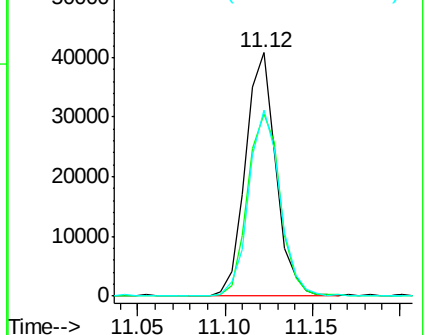
176 78.8 0.0 167.2

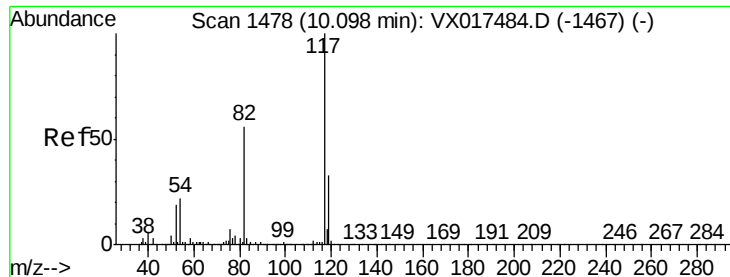


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





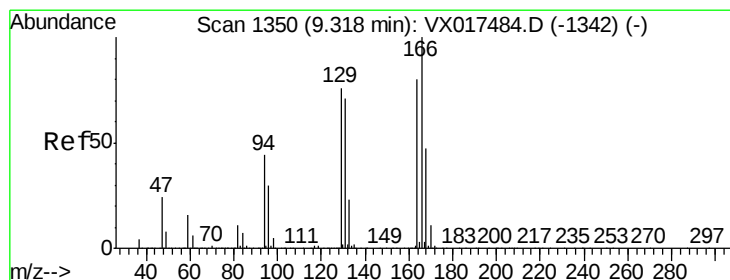
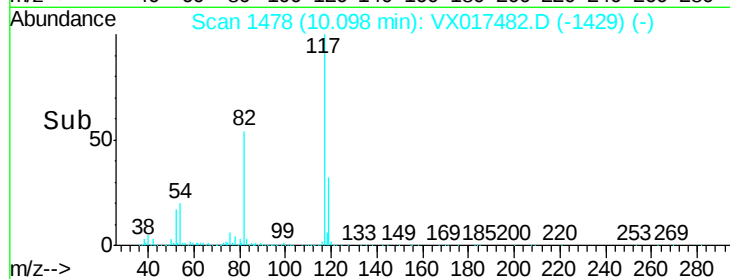
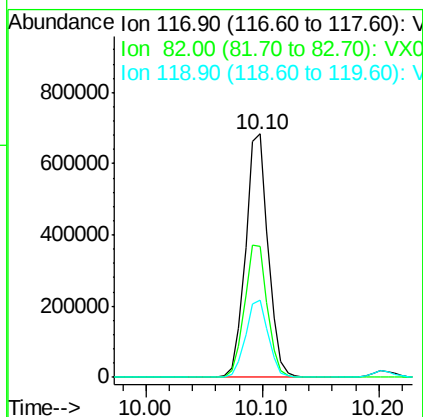
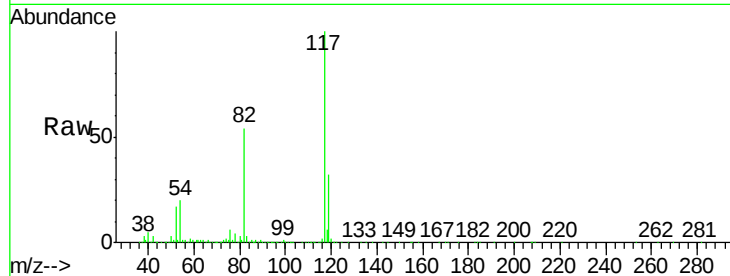
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	921391		
82	53.8	44.6	66.8	
119	31.6	26.6	39.8	

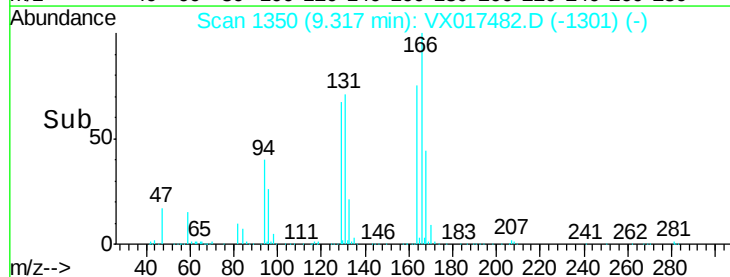
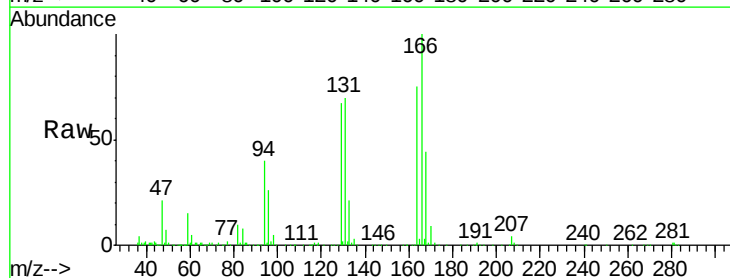
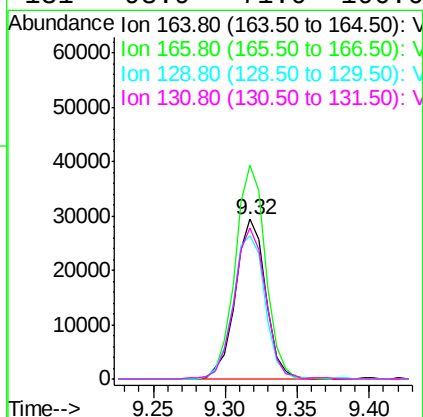
Manual Integrations
APPROVED

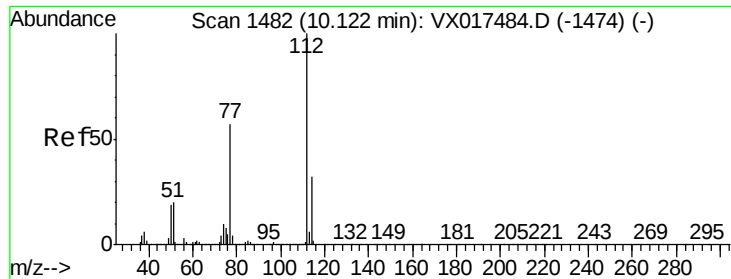
MMDadoda
7/24/2020 1:00:49 PM



#64
Tetrachloroethene
Concen: 5.407 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	43091		
166	133.7	100.2	150.4	
129	89.6	75.8	113.6	
131	93.9	71.0	106.6	





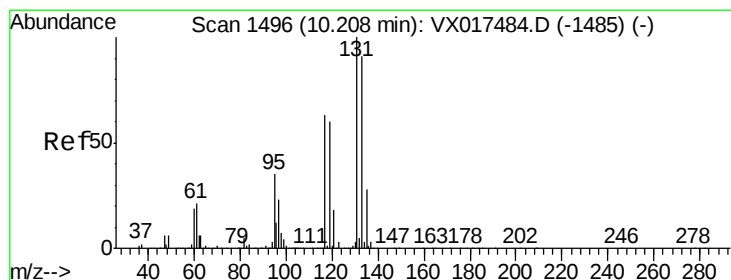
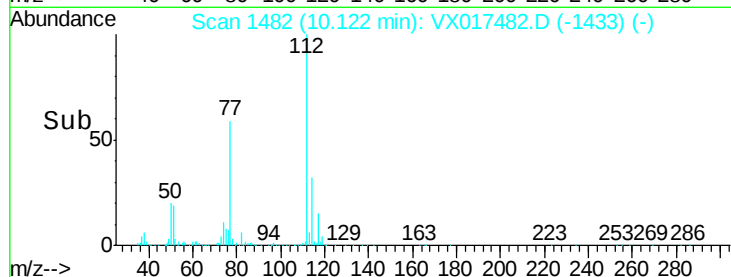
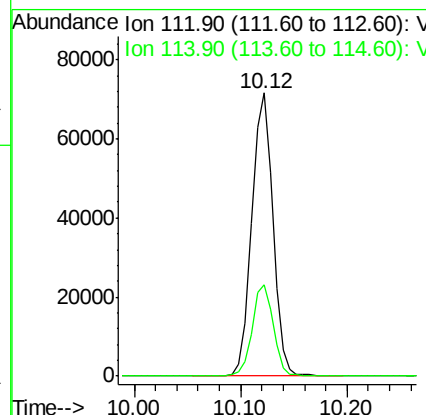
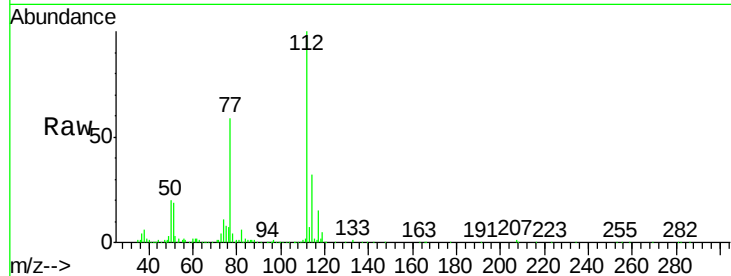
#65
Chlorobenzene
Concen: 5.329 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.8	38.8

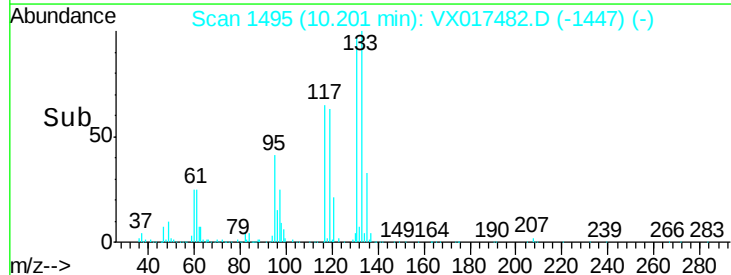
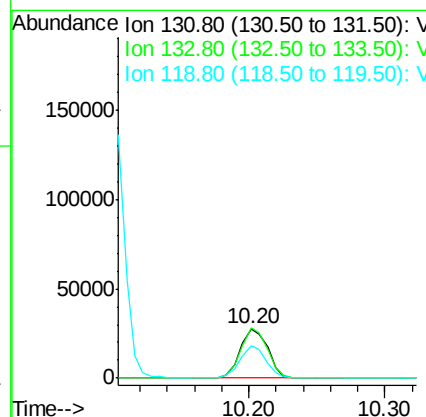
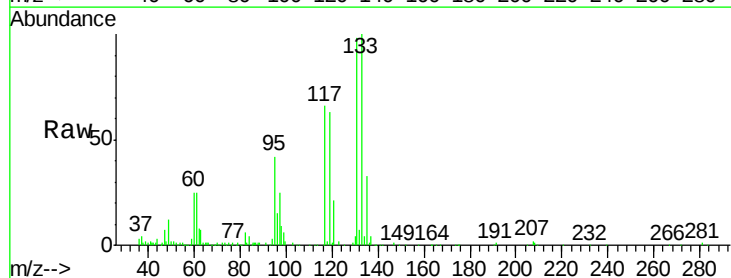
Manual Integrations
APPROVED

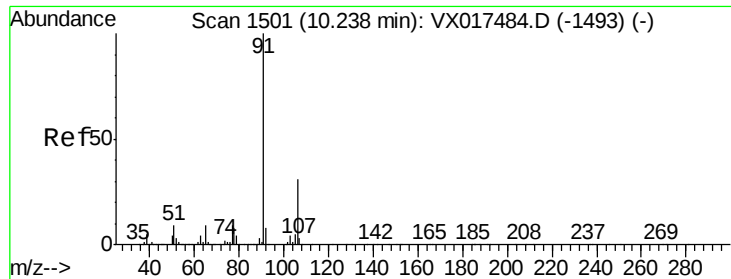
MMDadoda
7/24/2020 1:00:49 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 5.233 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	99.0	46.9	140.7
119	60.6	30.9	92.8





#67

Ethyl Benzene

Concen: 5.335 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 166967

Ion Ratio Lower Upper

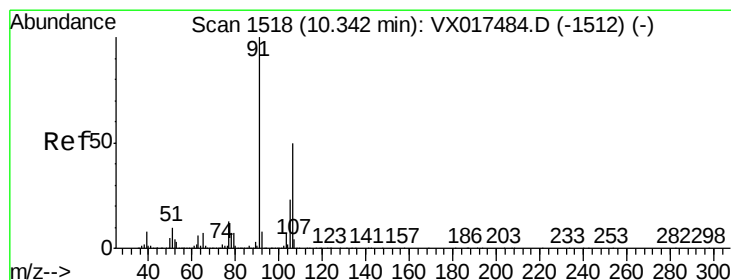
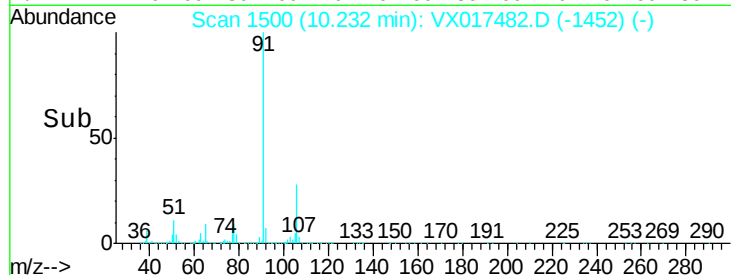
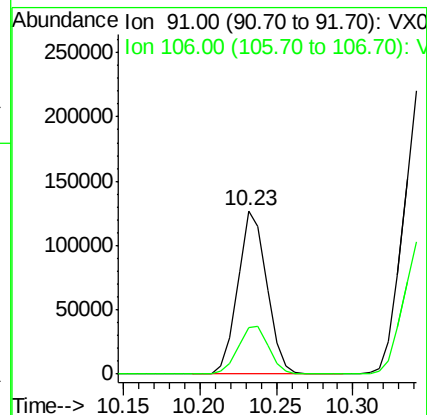
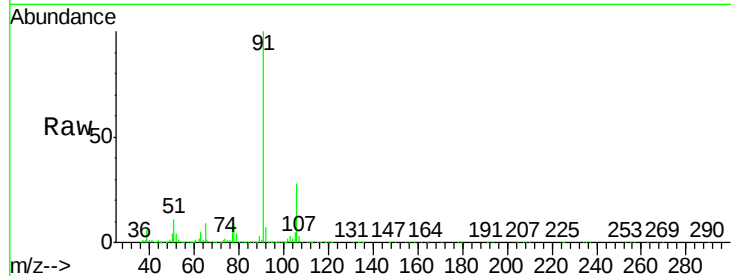
91 100

106 28.4 25.1 37.7

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:49 PM



#68

m/p-Xylenes

Concen: 10.986 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017482.D

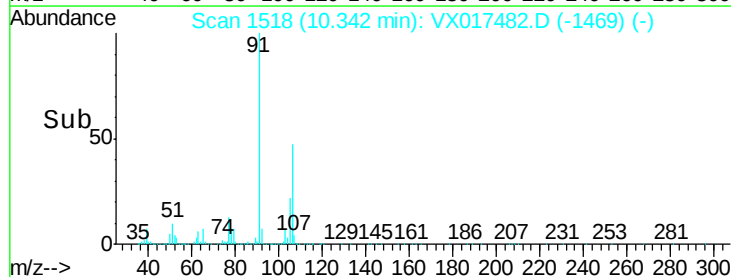
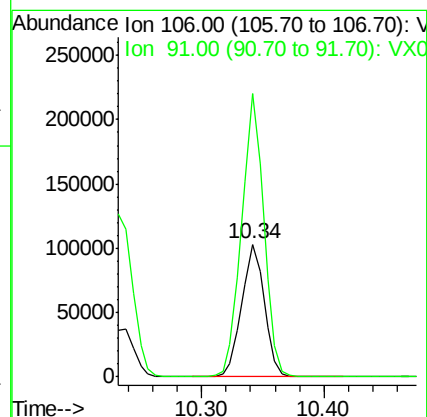
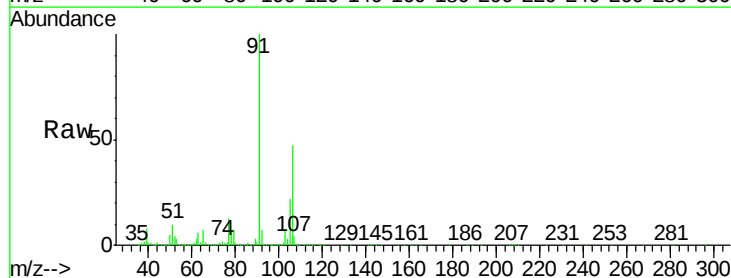
Acq: 23 Jul 2020 09:45

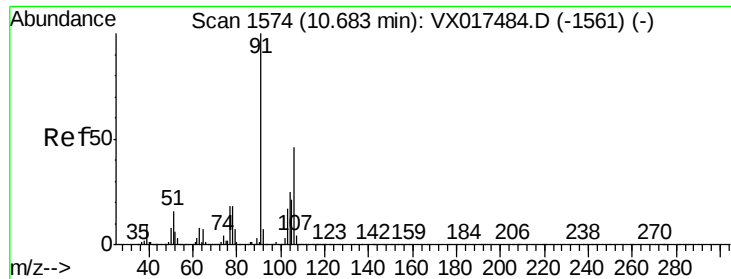
Tgt Ion: 106 Resp: 131336

Ion Ratio Lower Upper

106 100

91 209.8 163.4 245.2





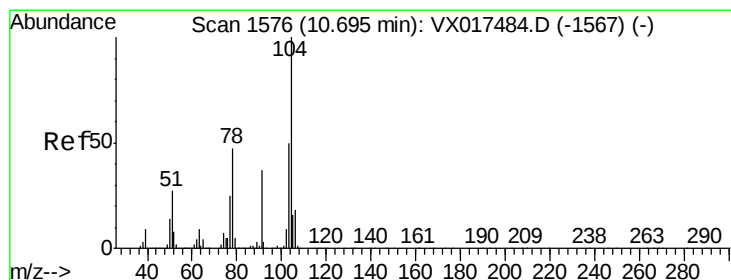
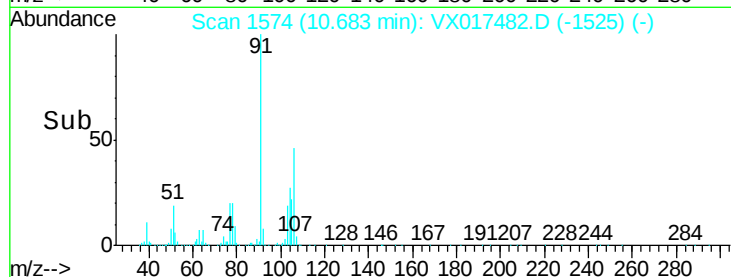
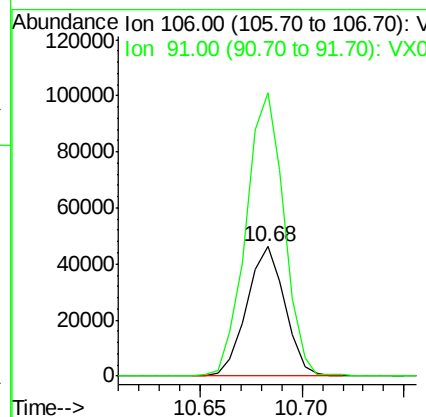
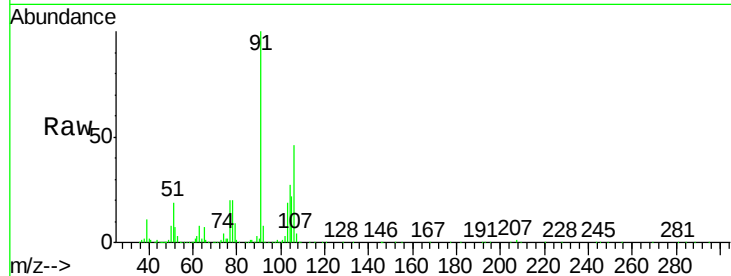
#69
o-Xylene
Concen: 5.255 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
106	100		
91	217.4	107.6	322.8

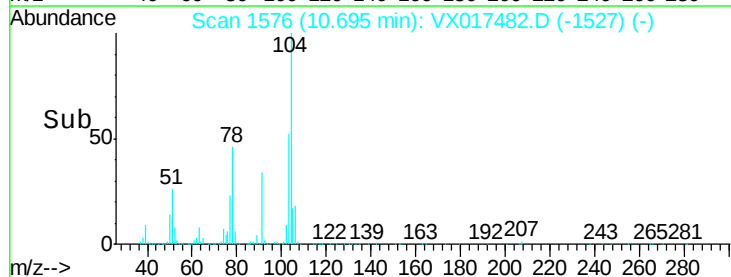
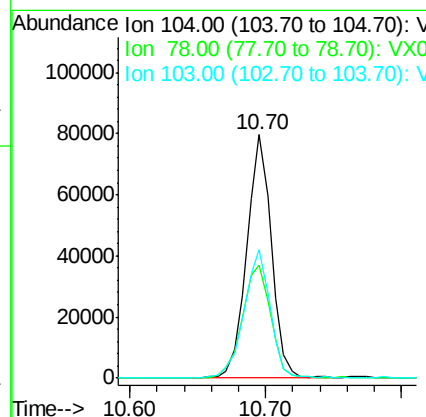
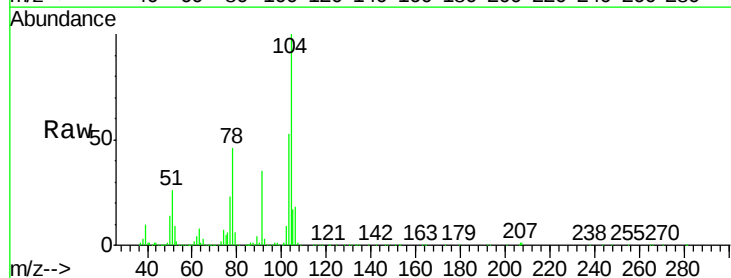
Manual Integrations
APPROVED

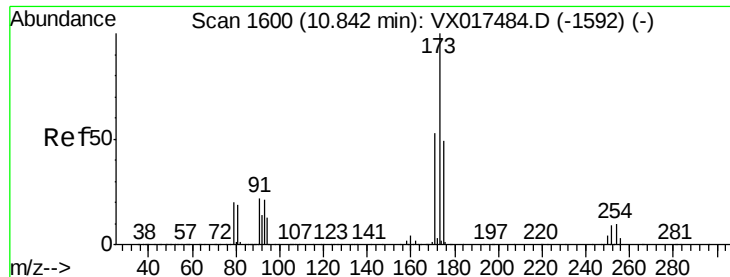
MMDadoda
7/24/2020 1:00:49 PM



#70
Styrene
Concen: 5.139 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.4	41.4	62.2
103	55.9	43.5	65.3





#71

Bromoform

Concen: 5.092 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 32539

Ion Ratio Lower Upper

173 100

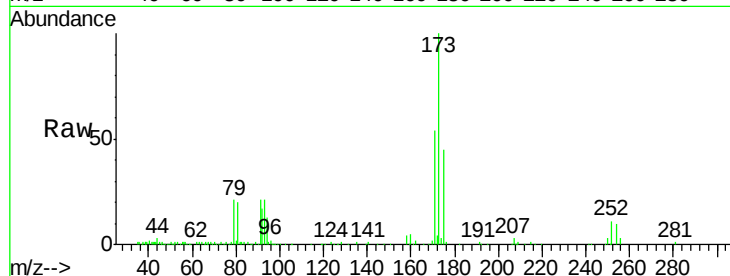
175 47.3 24.6 73.6

254 0.1 0.1 0.1

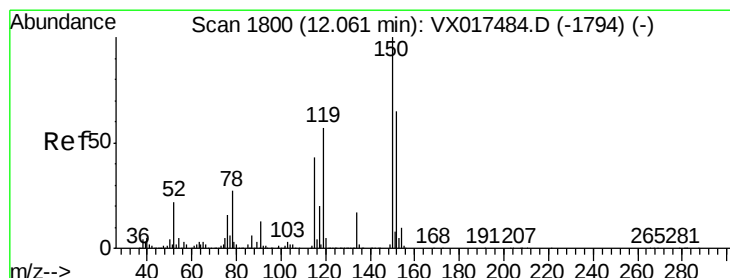
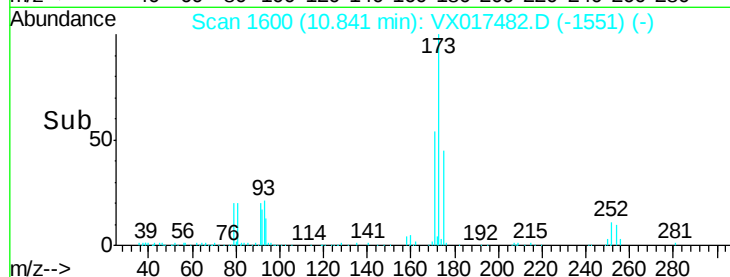
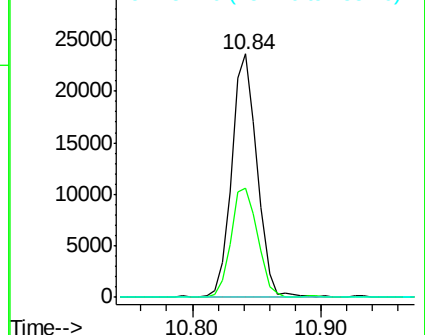
Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:49 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

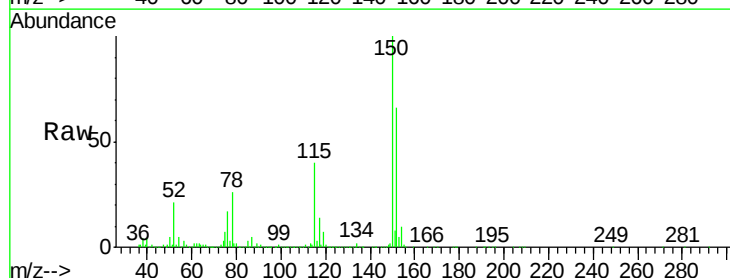
Tgt Ion:152 Resp: 498443

Ion Ratio Lower Upper

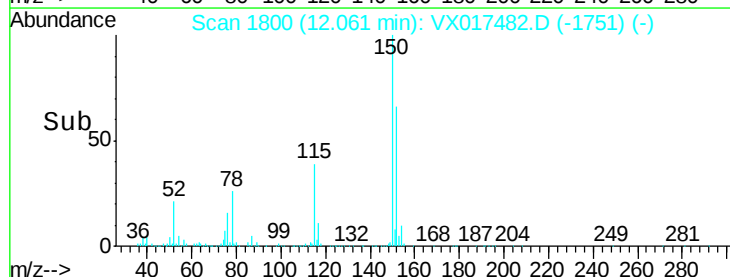
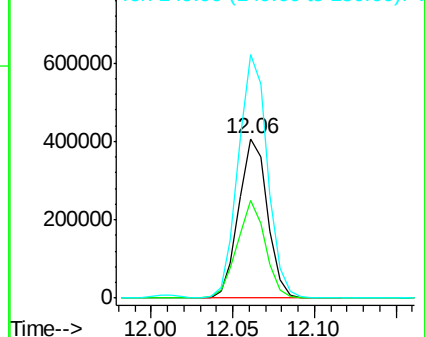
152 100

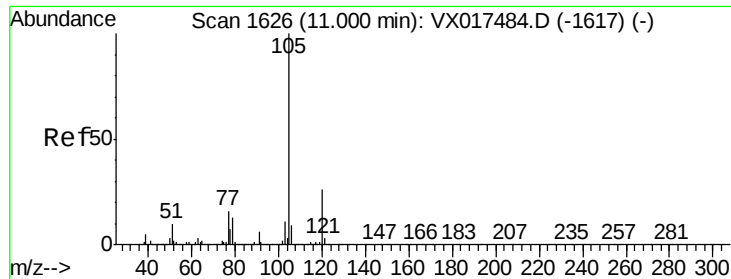
115 60.4 41.9 125.6

150 155.7 0.0 348.6



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





#73

Isopropylbenzene

Concen: 5.805 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 182429

Ion Ratio Lower Upper

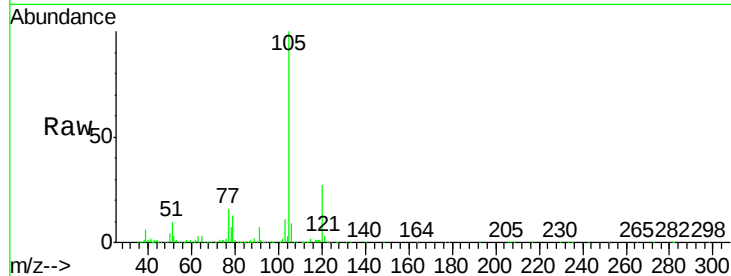
105 100

120 26.3 13.2 39.6

Manual Integrations
APPROVED

MMDadoda

7/24/2020 1:00:49 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

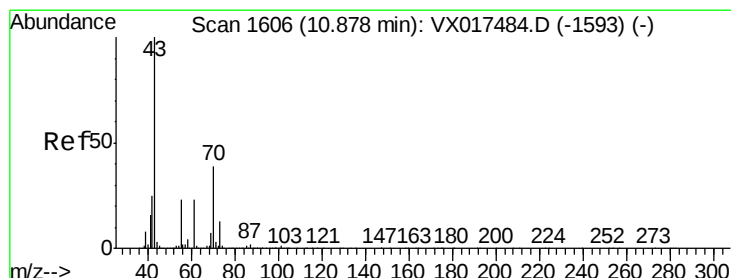
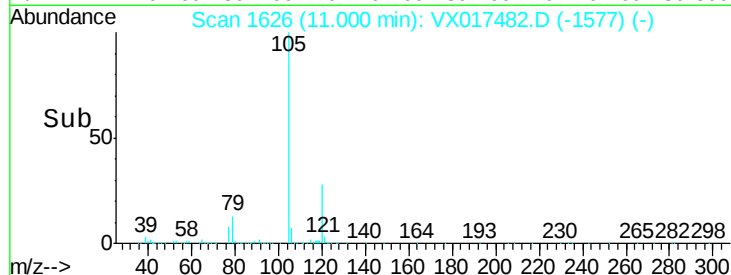
11.00

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 5.977 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion: 43 Resp: 77516

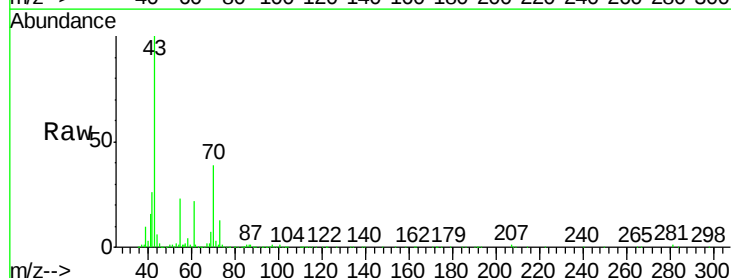
Ion Ratio Lower Upper

43 100

70 40.7 32.2 48.2

55 25.5 18.6 27.8

61 23.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

100000

80000

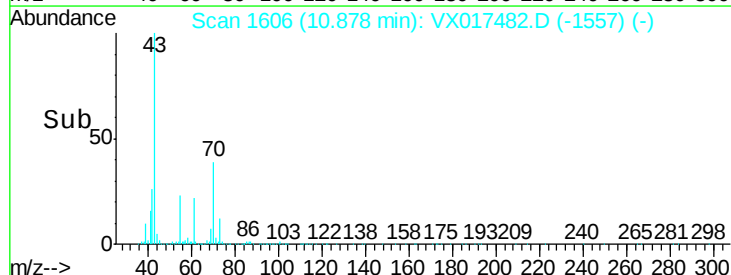
60000

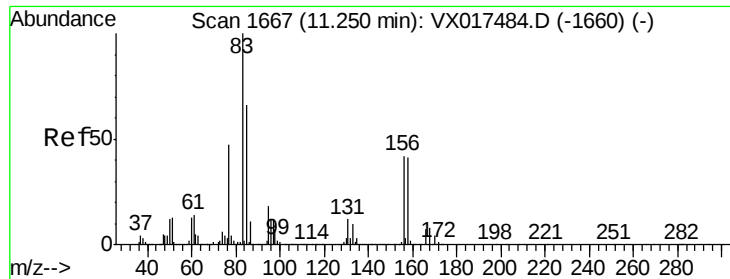
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.893 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

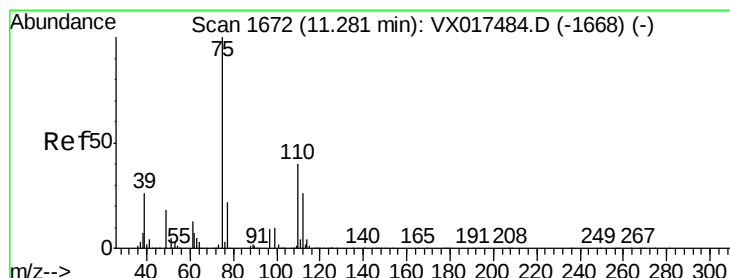
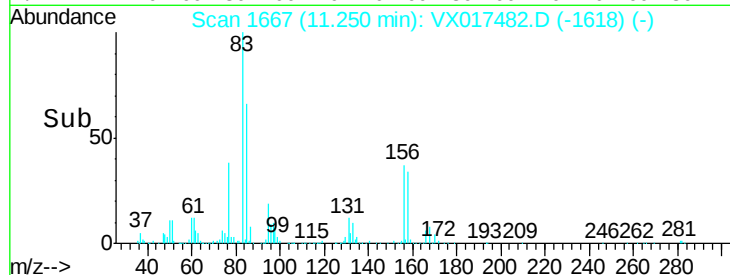
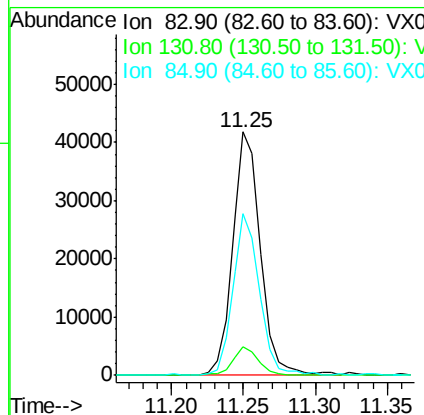
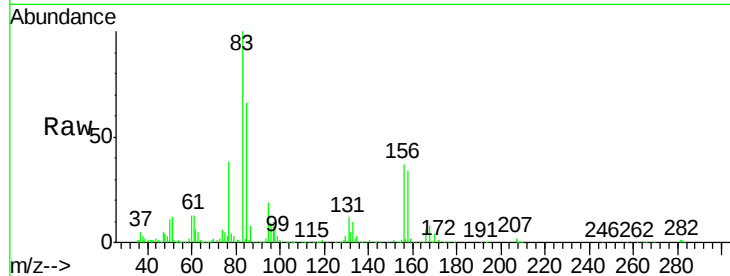
ClientSampled :

VSTDIC005

Tot Ion:	83	Resp:	56495
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.9	17.6
85	63.0	32.6	97.8

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#76

1,2,3-Trichloropropane

Concen: 5.770 ug/l m

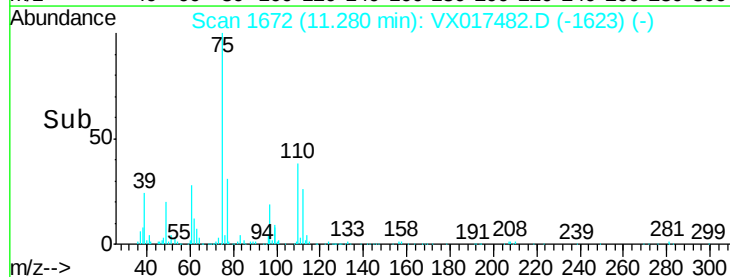
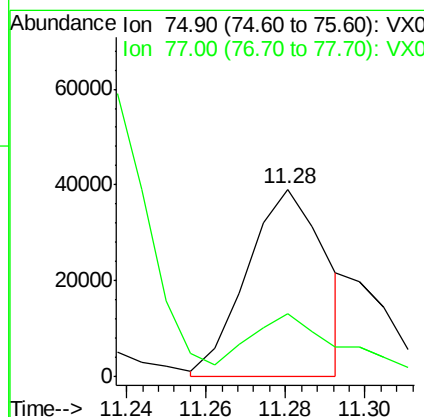
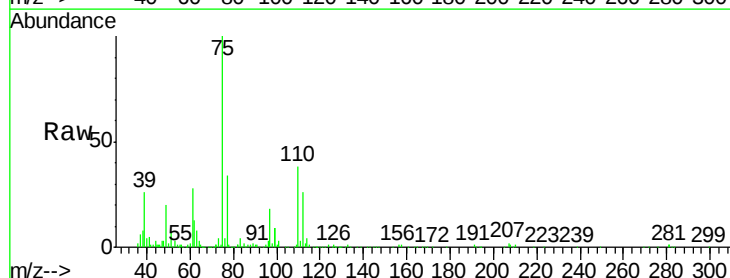
RT: 11.28 min Scan# 1672

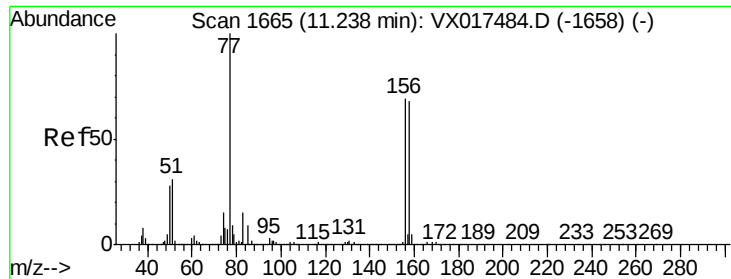
Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	75	Resp:	53944
Ion Ratio	Lower	Upper	
75	100		
77	38.5	20.9	62.8





#77

Bromobenzene

Concen: 5.619 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

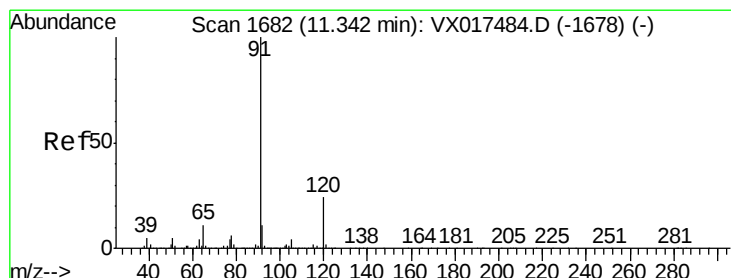
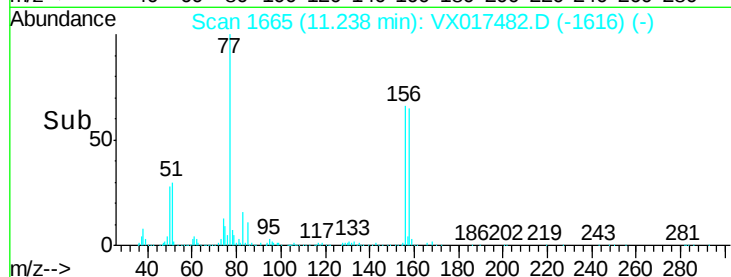
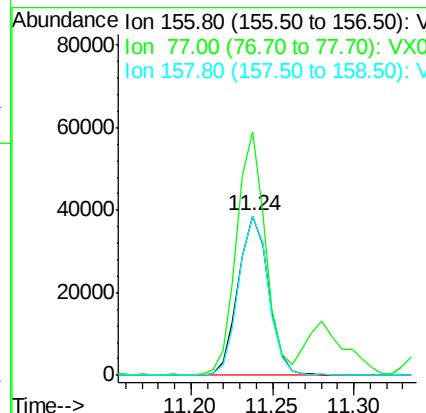
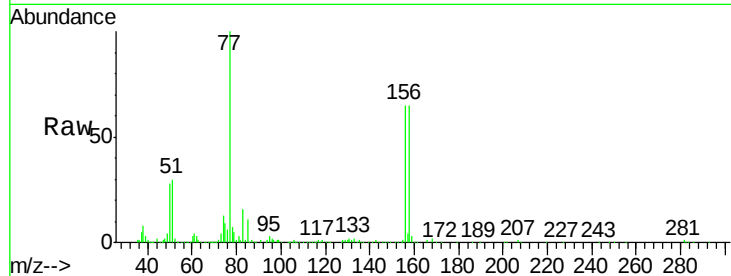
ClientSampleId :

VSTDIC005

Tot Ion:	156	Resp:	50329
Ion Ratio	Lower	Upper	
156	100		
77	144.5	73.2	219.5
158	97.9	49.0	147.0

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#78

n-propylbenzene

Concen: 5.720 ug/l

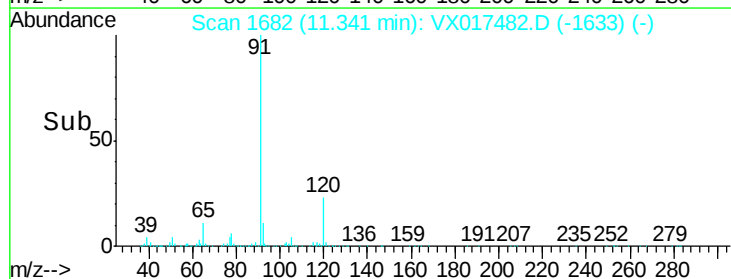
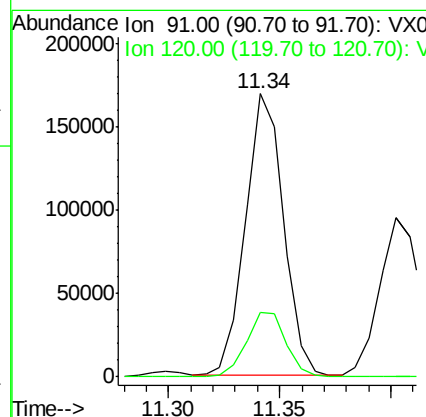
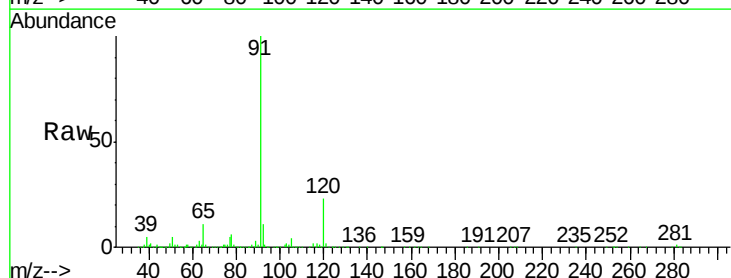
RT: 11.34 min Scan# 1682

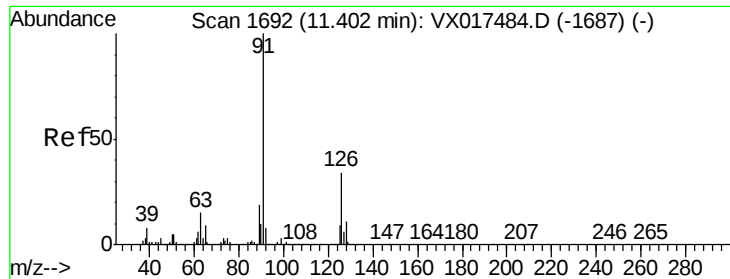
Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	91	Resp:	201370
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.3	36.9





#79

2-Chlorotoluene

Concen: 5.570 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 91 Resp: 121192

Ion Ratio Lower Upper

91 100

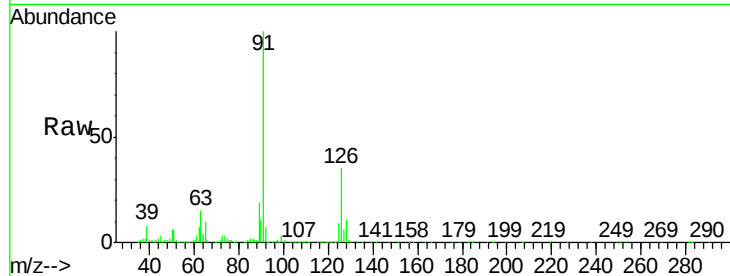
126 34.5 17.2 51.5

Manual Integrations

APPROVED

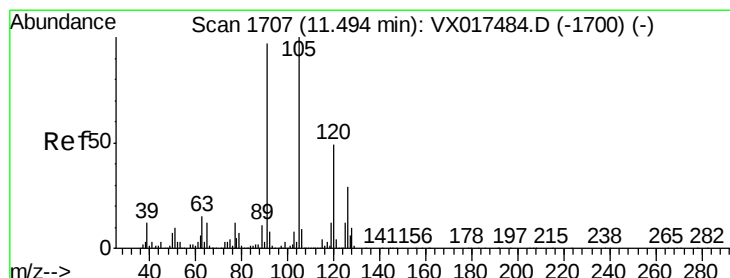
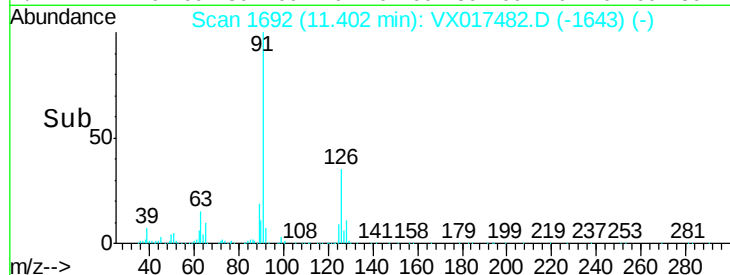
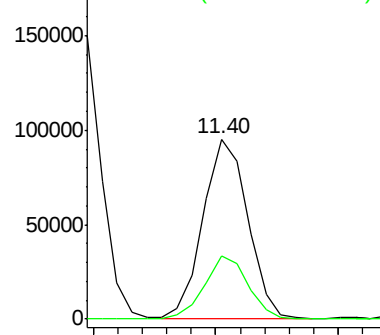
MMDadoda

7/24/2020 1:00:49 PM



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: 5.347 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017482.D

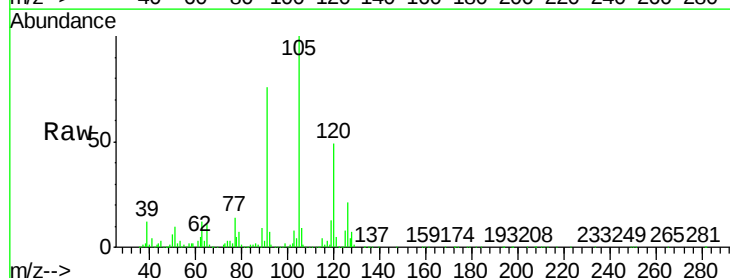
Acq: 23 Jul 2020 09:45

Tgt Ion: 105 Resp: 143572

Ion Ratio Lower Upper

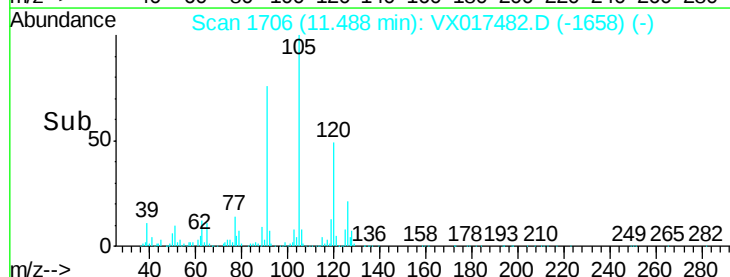
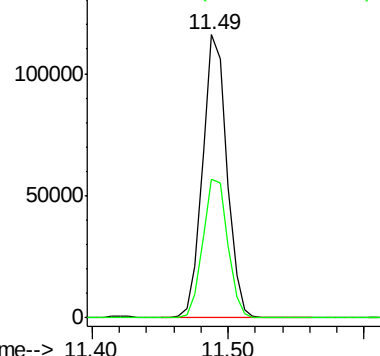
105 100

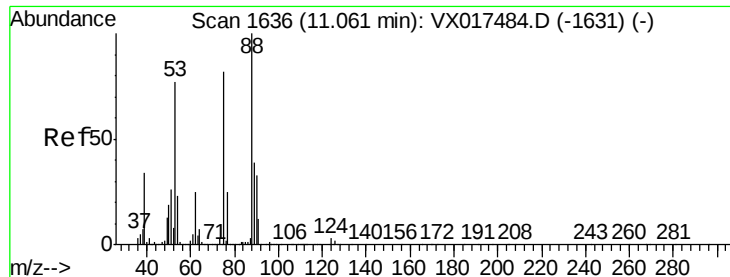
120 50.5 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 5.543 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

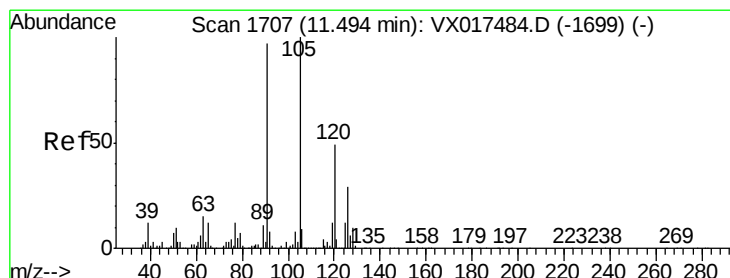
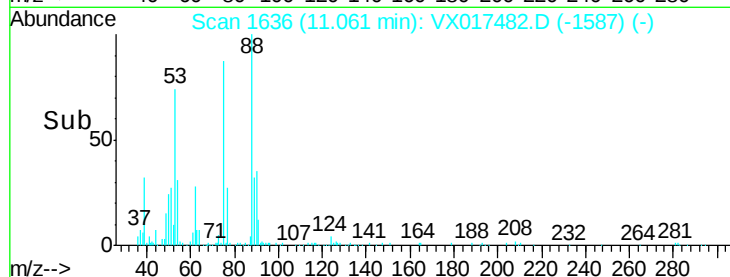
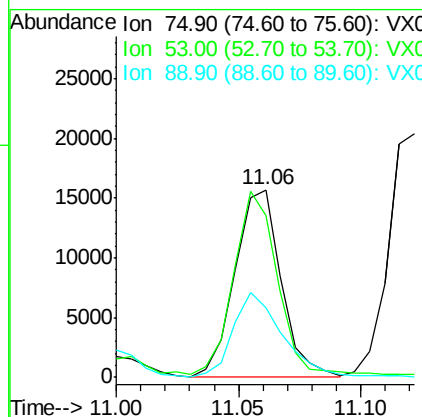
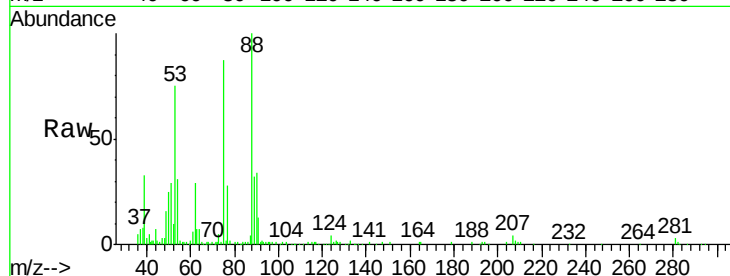
ClientSampleId :

VSTDIC005

Tot Ion:	75	Resp:	20517
Ion	Ratio	Lower	Upper
75	100		
53	92.5	78.2	117.2
89	47.2	38.1	57.1

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#82

4-Chlorotoluene

Concen: 5.554 ug/l

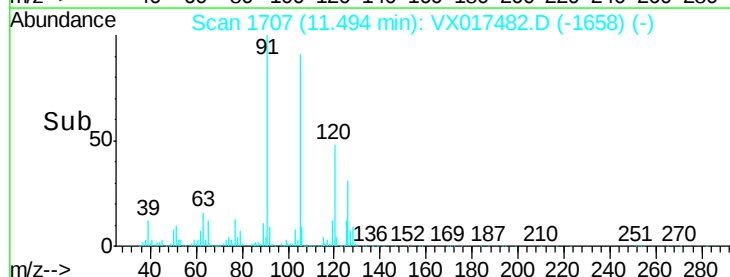
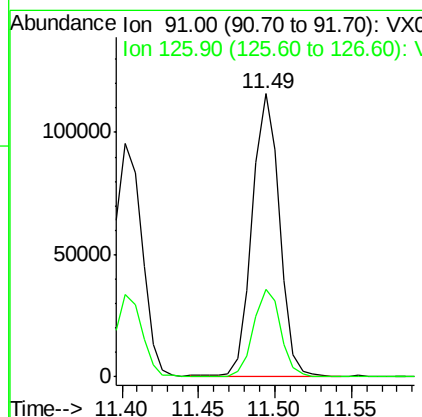
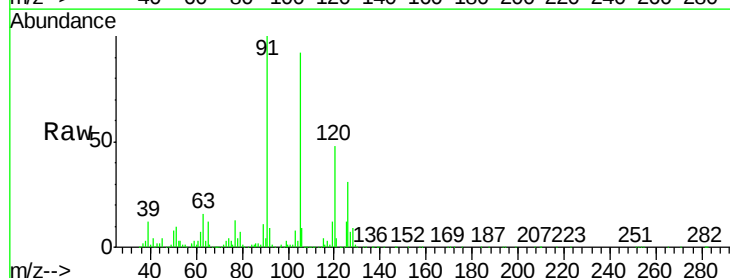
RT: 11.49 min Scan# 1707

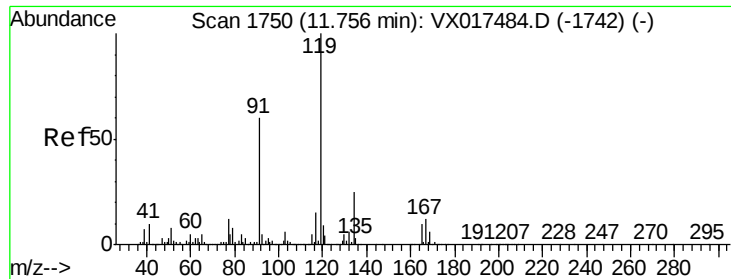
Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	91	Resp:	143422
Ion	Ratio	Lower	Upper
91	100		
126	31.5	15.2	45.5





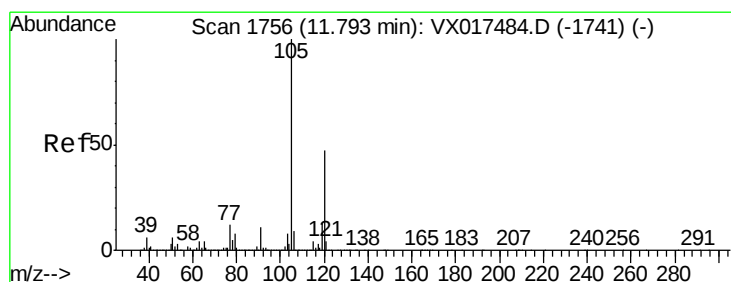
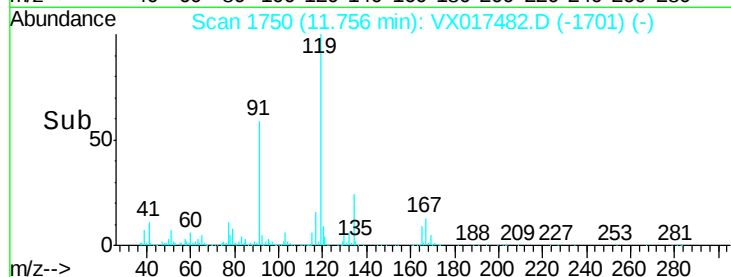
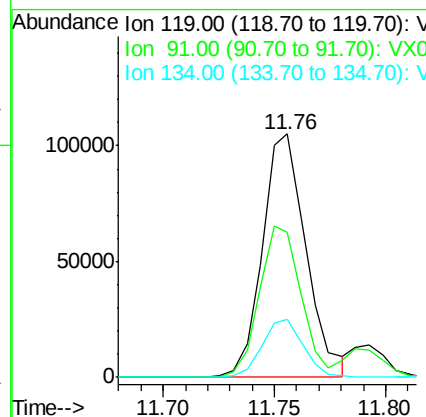
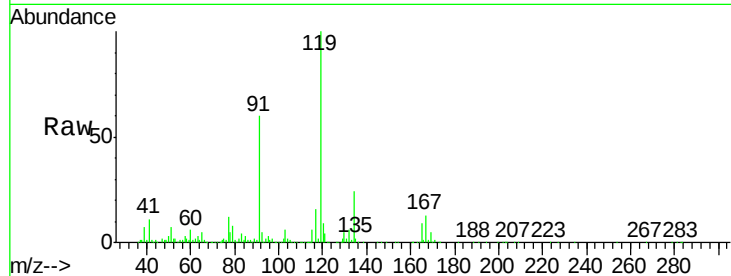
#83
tert-Butylbenzene
Concen: 5.533 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
119	100	142950		
91	59.5	29.0	87.0	
134	22.5	11.4	34.1	

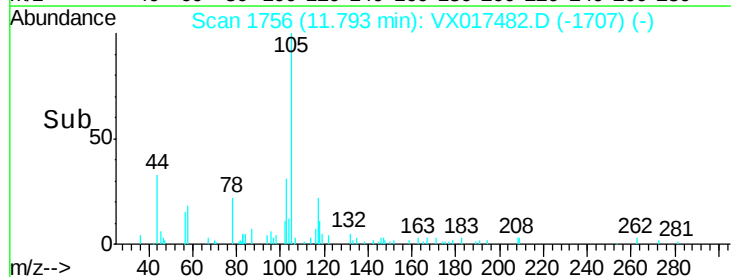
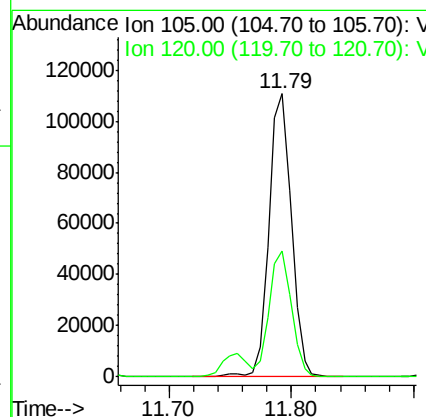
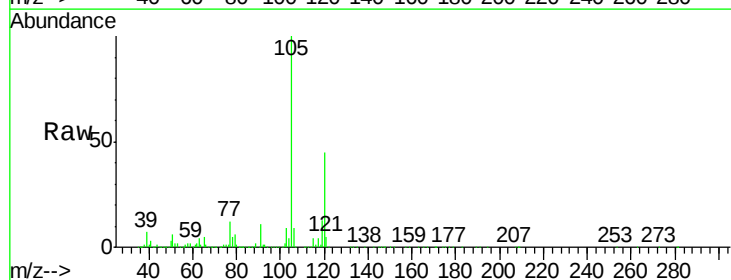
Manual Integrations
APPROVED

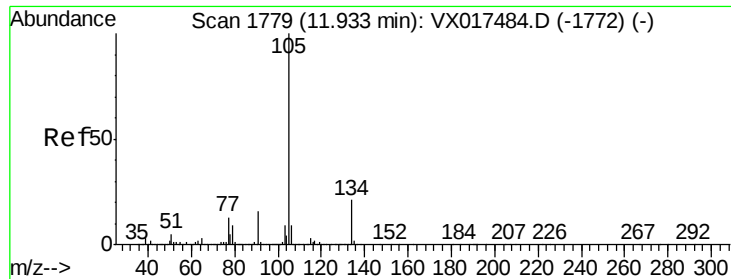
MMDadoda
7/24/2020 1:00:49 PM



#84
1,2,4-Trimethylbenzene
Concen: 5.266 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	142242		
120	44.6	22.3	66.9	





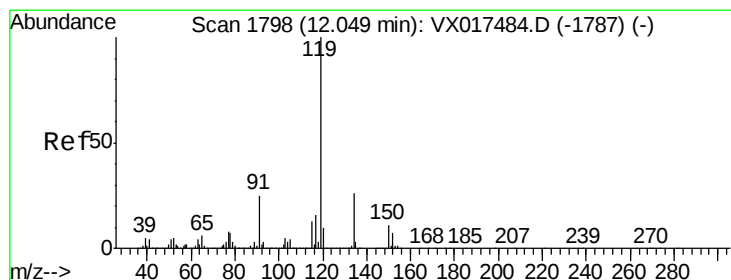
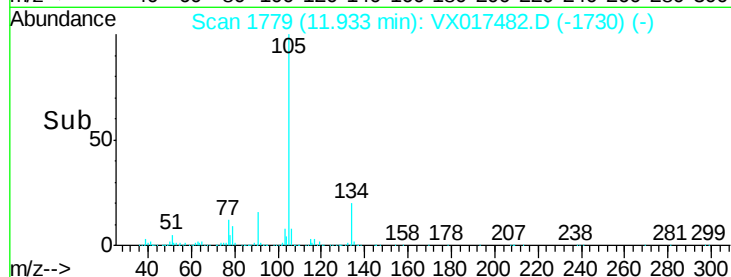
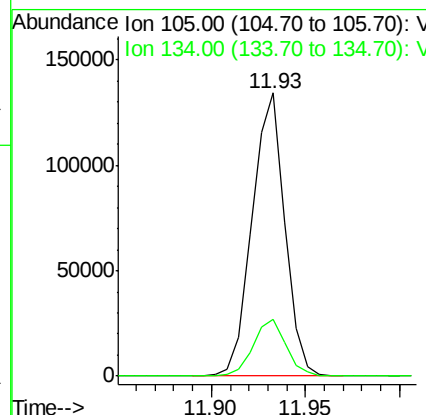
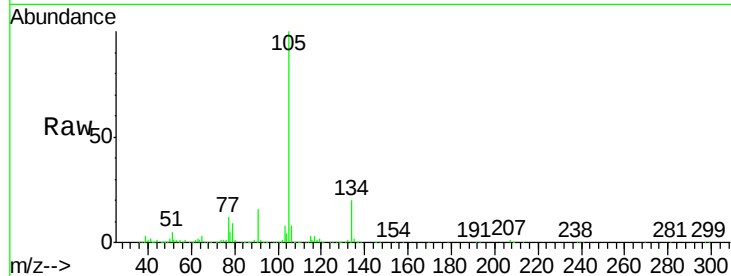
#85
 sec-Butylbenzene
 Concen: 5.332 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.4	31.1

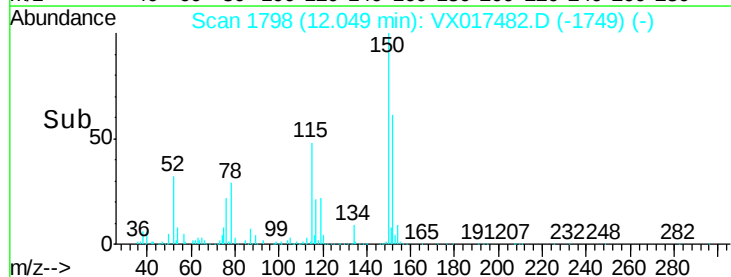
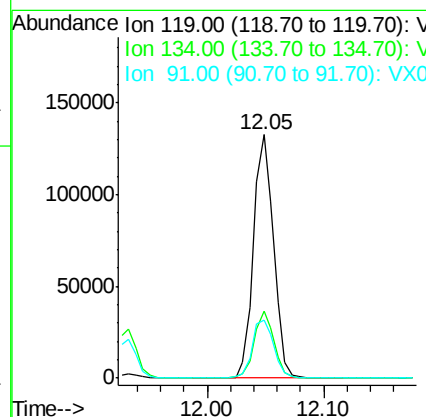
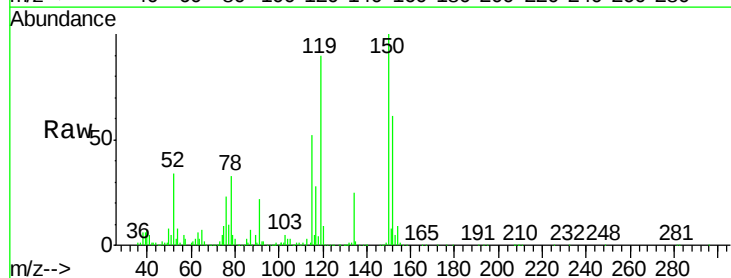
Manual Integrations
 APPROVED

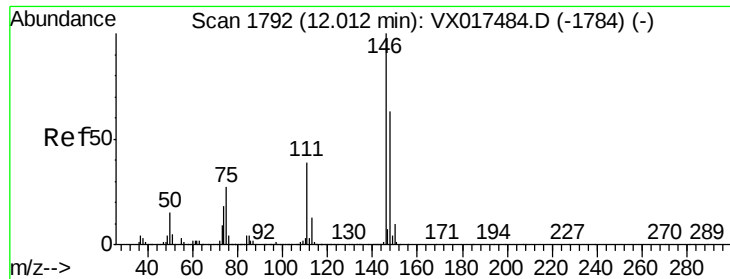
MMDadoda
 7/24/2020 1:00:49 PM



#86
 p-Isopropyltoluene
 Concen: 5.606 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.1	39.1
91	25.5	12.3	36.8





#87

1,3-Dichlorobenzene

Concen: 5.219 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Instrument :

MSVOA_X

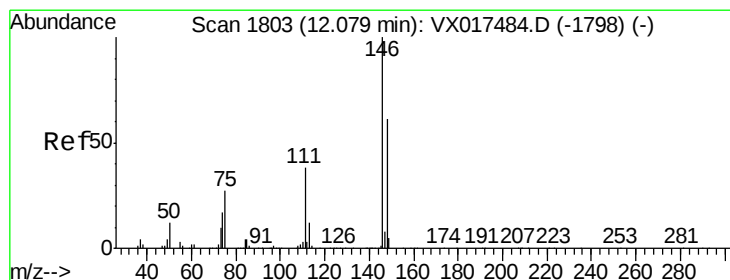
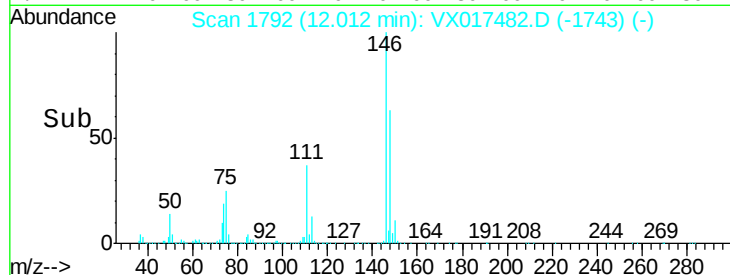
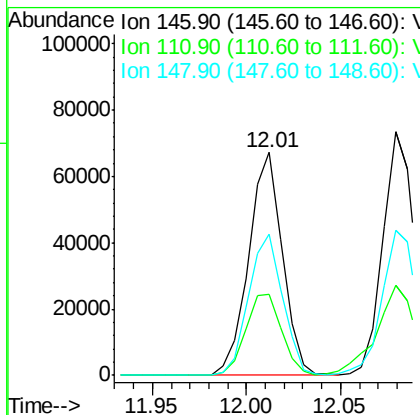
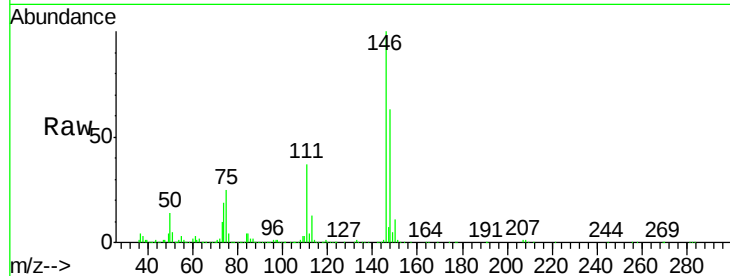
ClientSampleId :

VSTDIC005

Tot Ion:	146	Resp:	83471
Ion Ratio	Lower	Upper	
146	100		
111	38.9	19.6	58.8
148	64.1	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#88

1,4-Dichlorobenzene

Concen: 5.470 ug/l

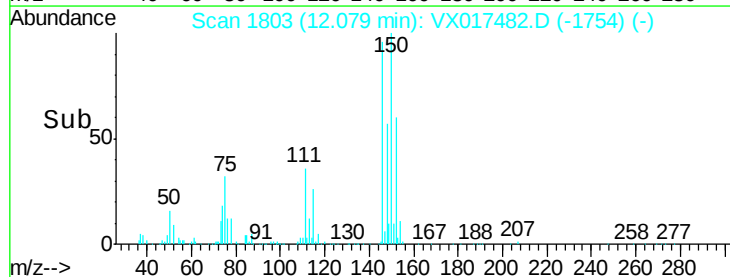
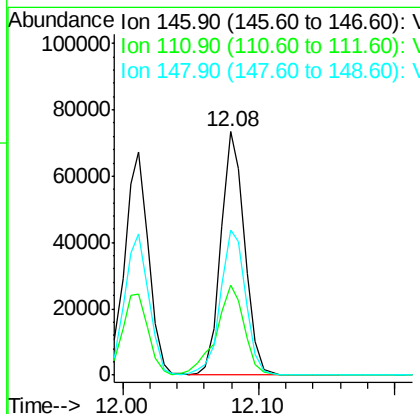
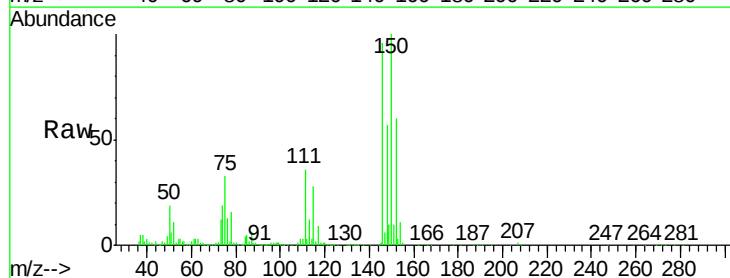
RT: 12.08 min Scan# 1803

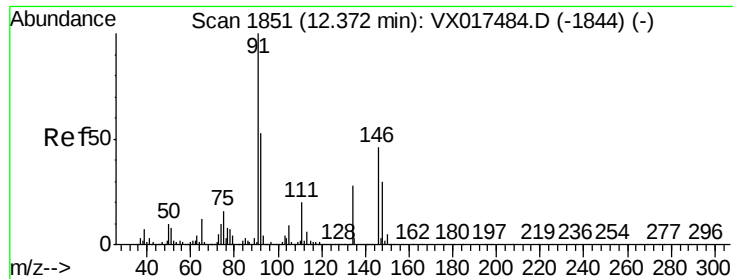
Delta R.T. -0.00 min

Lab File: VX017482.D

Acq: 23 Jul 2020 09:45

Tgt Ion:	146	Resp:	88488
Ion Ratio	Lower	Upper	
146	100		
111	43.1	19.1	57.5
148	63.8	31.6	95.0





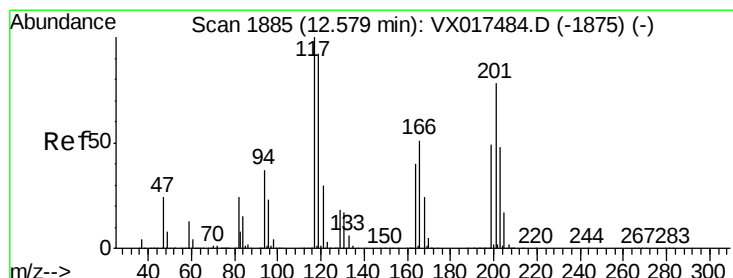
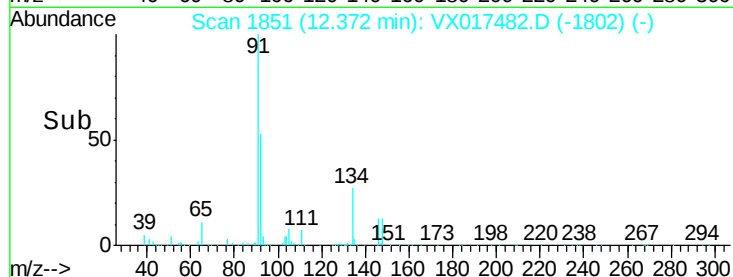
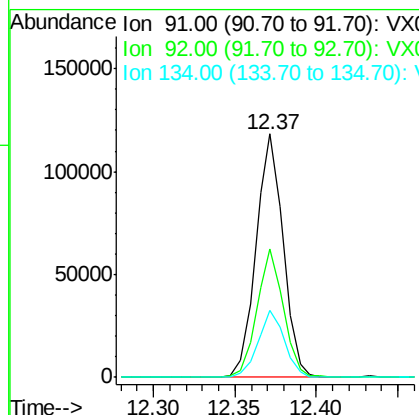
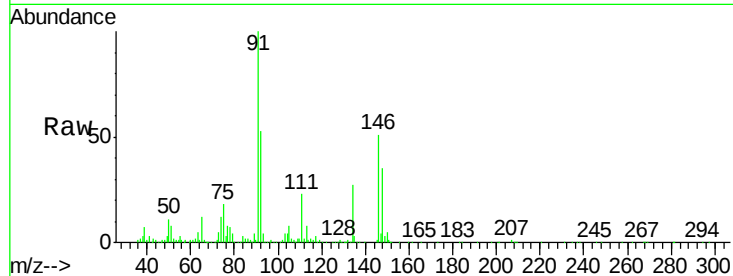
#89
n-Butylbenzene
Concen: 5.591 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.4	79.0
134	26.8	13.7	41.0

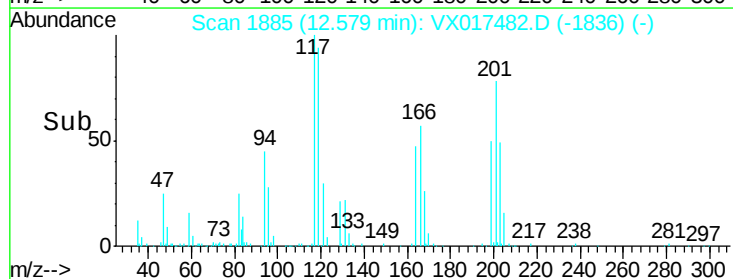
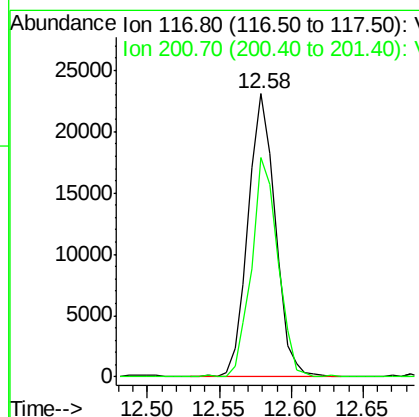
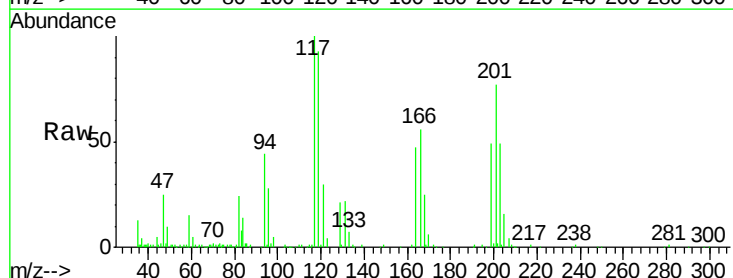
Manual Integrations
APPROVED

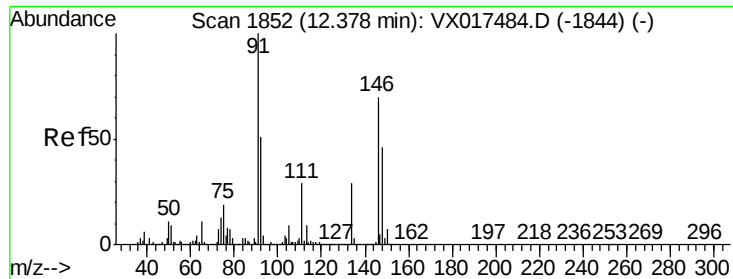
MMDadoda
7/24/2020 1:00:49 PM



#90
Hexachloroethane
Concen: 5.530 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.6	41.4	124.4





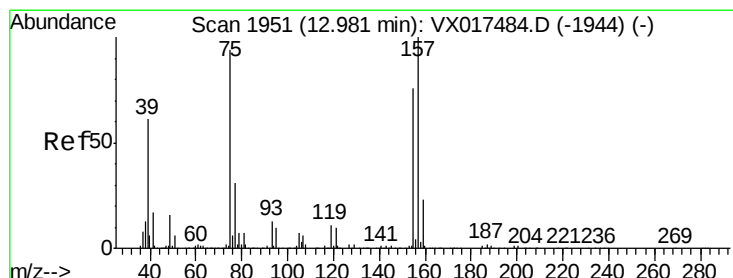
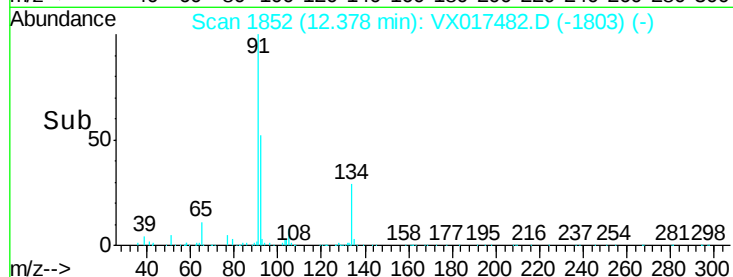
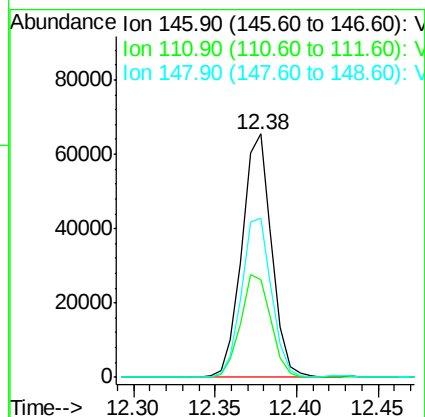
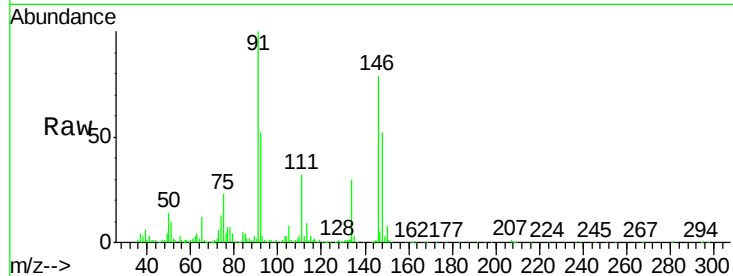
#91
1,2-Dichlorobenzene
Concen: 5.505 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.0	20.8	62.2
148	66.3	32.3	96.9

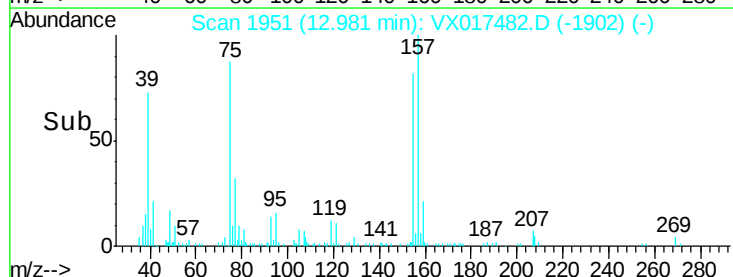
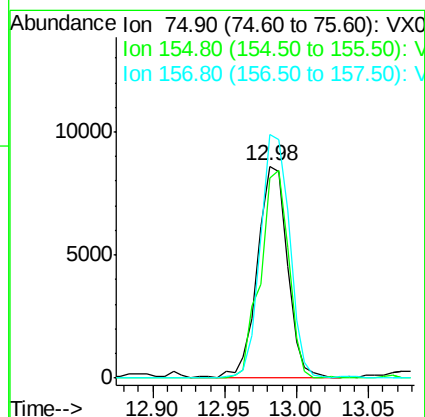
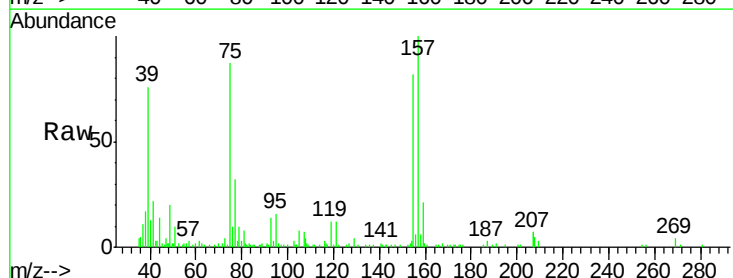
Manual Integrations
APPROVED

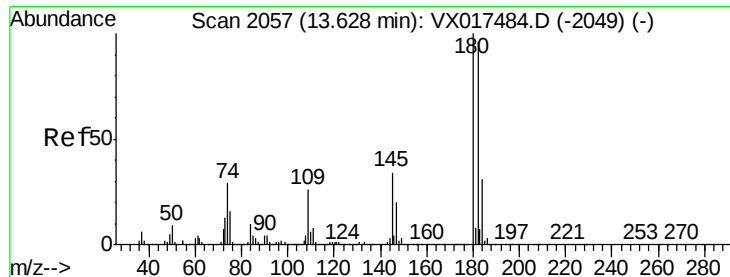
MMDadoda
7/24/2020 1:00:49 PM



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.805 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.5	42.3	126.9
157	111.0	55.1	165.5





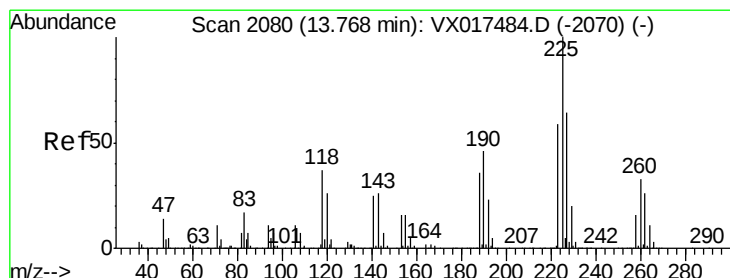
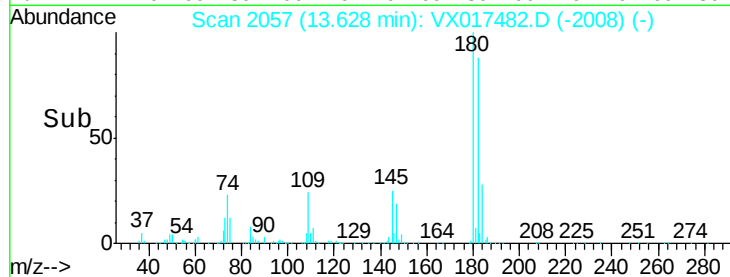
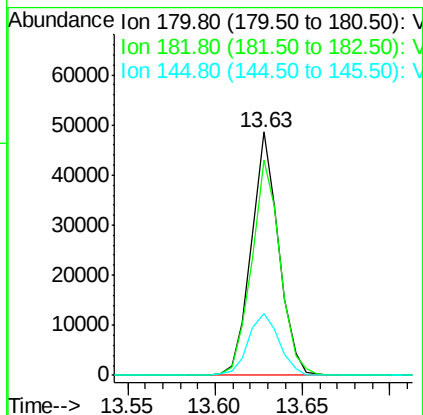
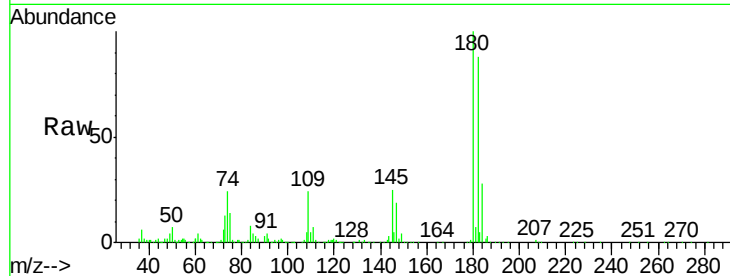
#93
 1,2,4-Trichlorobenzene
 Concen: 5.010 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	48.5	145.6
145	29.3	16.0	47.9

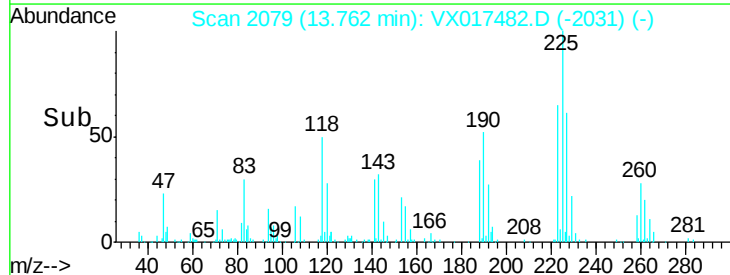
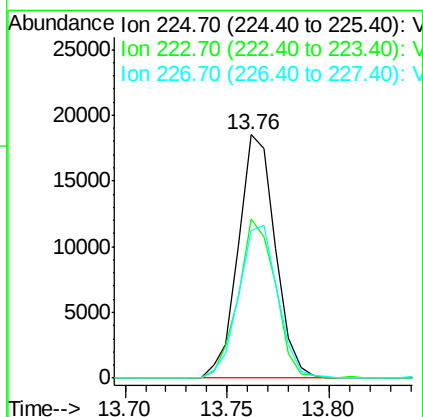
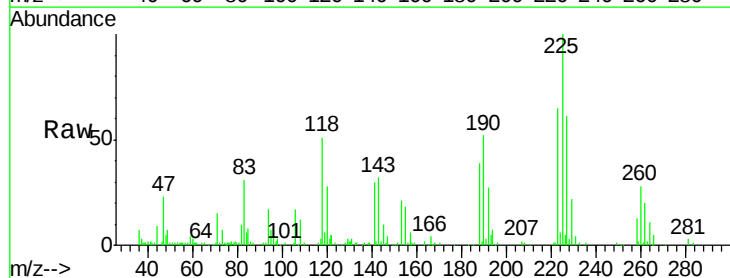
Manual Integrations
 APPROVED

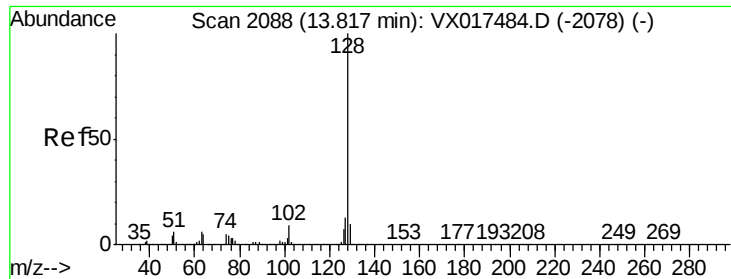
MMDadoda
 7/24/2020 1:00:49 PM



#94
 Hexachlorobutadiene
 Concen: 5.296 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017482.D
 Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.7	31.1	93.2
227	66.4	32.2	96.6





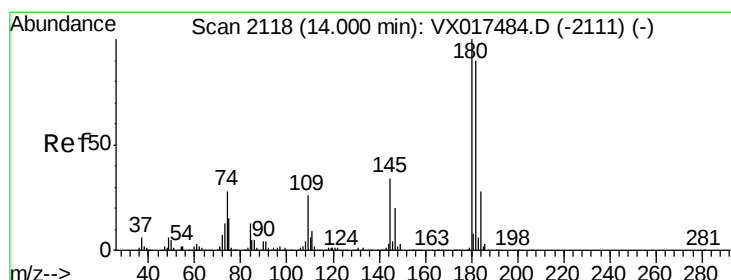
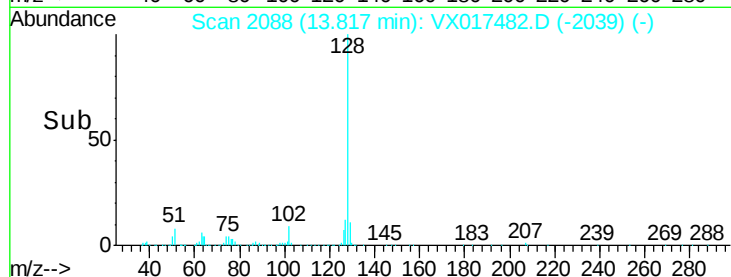
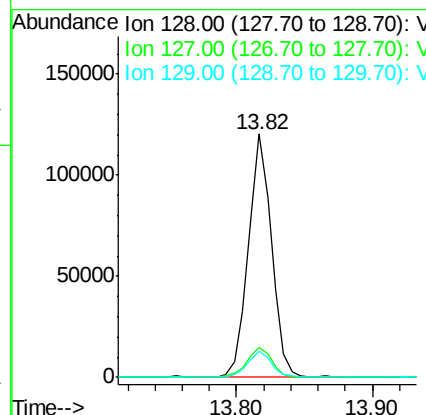
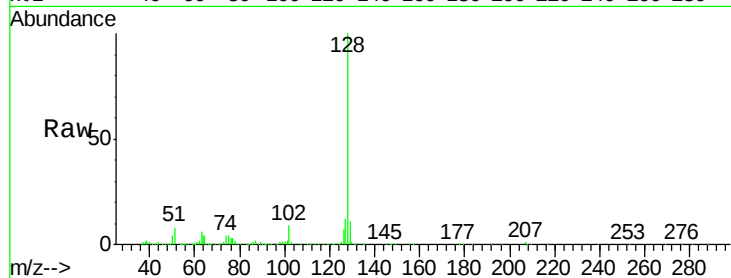
#95
Naphthalene
Concen: 4.613 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/24/2020 1:00:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.027 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX017482.D
Acq: 23 Jul 2020 09:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	45.7	137.1
145	35.5	16.4	49.2

