

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018354.D
 Acq On : 11 Sep 2020 12:09
 Operator : JC/SP
 Sample : VX0911WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0911WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:47 PM

Quant Time: Sep 12 06:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	76778	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	405424	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	387569	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	189520	31.29	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.30%
60) 4-Bromofluorobenzene	11.12	95	199166	29.65	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.83%
63) Toluene-d8	8.70	98	502563	29.42	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	80741	19.874	ug/l 97
3) Chloromethane	1.31	50	81654	18.921	ug/l 100
4) Vinyl Chloride	1.39	62	87974	19.360	ug/l 100
5) Bromomethane	1.64	94	63346	20.489	ug/l 100
6) Chloroethane	1.72	64	53988	19.548	ug/l 99
7) Trichlorofluoromethane	1.92	101	154454	20.057	ug/l 98
8) Diethyl Ether	2.17	74	47327	19.494	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79713	20.260	ug/l 99
10) 1,1-Dichloroethene	2.36	96	76190	19.727	ug/l 92
11) Methyl Iodide	2.49	142	73548	20.129	ug/l 98
12) Methyl Acetate	2.75	43	100087	19.686	ug/l 100
13) Acrolein	2.27	56	46951	114.429	ug/l 96
14) Acrylonitrile	3.11	53	222809	96.719	ug/l 99
15) Acetone	2.42	58	61710	98.525	ug/l 85
16) Carbon Disulfide	2.55	76	215910	19.199	ug/l 99
17) Allyl chloride	2.71	41	135447	19.621	ug/l 99
18) Methylene Chloride	2.84	84	89799	19.810	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	83540	19.482	ug/l 98
20) Diisopropyl ether	3.82	45	275827	20.183	ug/l 97
21) 1,1-Dichloroethane	3.67	63	156373	19.935	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	95456	20.119	ug/l 98
23) tert-Butyl Alcohol	3.01	59	97257	97.424	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	266338	19.397	ug/l 99
25) Chloroform	5.17	83	163756	19.561	ug/l 97
26) Cyclohexane	5.55	56	127464	20.132	ug/l # 51
29) 1,1-Dichloropropene	5.76	75	115537	18.669	ug/l 99
30) 2-Butanone	4.63	43	319266	94.218	ug/l 100
31) 2,2-Dichloropropane	4.55	77	146252	19.565	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	159164	19.649	ug/l 100
33) Carbon Tetrachloride	5.76	117	145442	19.268	ug/l 98
34) Benzene	6.12	78	340398	19.269	ug/l 97
35) Methacrylonitrile	4.99	41	65661	18.387	ug/l 88
36) 1,2-Dichloroethane	6.16	62	140338	19.195	ug/l # 100
37) Trichloroethene	7.18	130	98028	19.190	ug/l 94
38) Methylcyclohexane	7.44	83	126934	19.256	ug/l 98
39) 1,2-Dichloropropane	7.49	63	90706	19.171	ug/l 99
40) Dibromomethane	7.64	93	63483	18.580	ug/l 96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
 Data File : VX018354.D
 Acq On : 11 Sep 2020 12:09
 Operator : JC/SP
 Sample : VX0911WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/14/2020 12:09:47 PM

Quant Time: Sep 12 06:24:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	134634	19.012	ug/l	95
42) Vinyl Acetate	3.78	43	1201405	95.030	ug/l	99
43) Ethyl Acetate	4.79	43	122743	18.216	ug/l	98
44) Isopropyl Acetate	6.41	43	200681	18.481	ug/l	97
45) 1,4-Dioxane	7.71	88	34860	384.270	ug/l #	89
46) Methyl methacrylate	7.74	41	96870	18.126	ug/l	93
47) n-amyl Acetate	10.88	43	173366	18.169	ug/l	100
48) t-1,3-Dichloropropene	9.02	75	146057	19.201	ug/l	97
49) cis-1,3-Dichloropropene	8.42	75	151228	18.925	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	89768	18.854	ug/l	93
51) Ethyl methacrylate	9.16	69	127593	18.500	ug/l	95
52) 1,3-Dichloropropane	9.35	76	148290	18.765	ug/l	98
53) Dibromochloromethane	9.56	129	110660	18.693	ug/l	99
54) 1,2-Dibromoethane	9.65	107	97677	18.701	ug/l	96
55) 2-Chloroethyl vinyl ether	8.29	63	338595	94.013	ug/l	98
56) Bromoform	10.84	173	82951	18.442	ug/l	96
58) 4-Methyl-2-Pentanone	8.62	43	629793	94.477	ug/l	100
59) 2-Hexanone	9.47	43	475644	94.202	ug/l	99
61) Tetrachloroethene	9.32	164	95090	19.672	ug/l	88
62) Toluene	8.76	91	369373	18.937	ug/l	98
64) Chlorobenzene	10.12	112	237737	18.967	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.20	131	98695	19.442	ug/l	95
66) Ethyl Benzene	10.23	91	406205	18.848	ug/l	94
67) m/p-Xylenes	10.34	106	314993	38.218	ug/l	99
68) o-Xylene	10.68	106	147635	18.957	ug/l	99
69) Styrene	10.70	104	255532	18.807	ug/l	99
70) Isopropylbenzene	11.00	105	406585	18.773	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	132645	18.742	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	130264m	19.157	ug/l	
73) Bromobenzene	11.24	156	114414	19.284	ug/l	97
74) n-propylbenzene	11.34	91	479700	18.811	ug/l	99
75) 2-Chlorotoluene	11.40	91	287442	18.597	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	358717	19.012	ug/l	99
77) t-1,4-Dichloro-2-butene	11.05	75	47708	18.054	ug/l	94
78) 4-Chlorotoluene	11.49	91	346676	18.802	ug/l	100
79) tert-butylbenzene	11.76	119	340111	18.713	ug/l	97
80) 1,2,4-Trimethylbenzene	11.79	105	365606	19.593	ug/l	100
81) sec-Butylbenzene	11.93	105	398441	18.769	ug/l	100
82) p-Isopropyltoluene	12.05	119	373312	18.860	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	202275	19.067	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	198726	18.735	ug/l	99
85) n-Butylbenzene	12.37	91	325603	18.684	ug/l	99
86) Hexachloroethane	12.58	117	72837	18.690	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	190628	19.190	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	32321	17.852	ug/l	96
89) 1,2,4-Trichlorobenzene	13.63	180	127405	18.957	ug/l	99
90) Hexachlorobutadiene	13.76	225	59849	21.053	ug/l	97
91) Naphthalene	13.82	128	384323	18.323	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	125089	18.814	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091120\
Data File : VX018354.D
Acq On : 11 Sep 2020 12:09
Operator : JC/SP
Sample : VX0911WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM

Quant Time: Sep 12 06:24:16 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

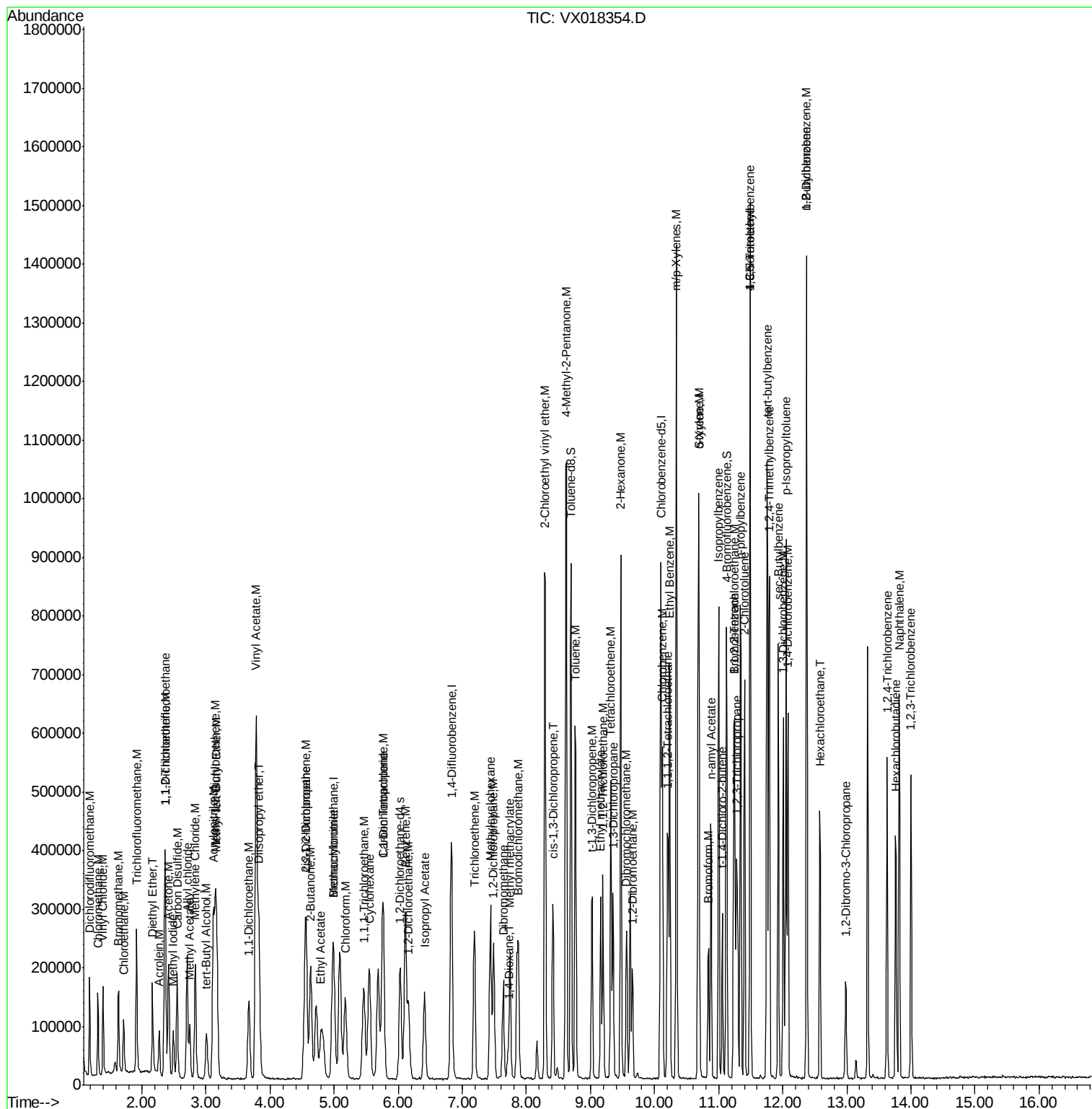
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091120\
Data File : VX018354.D
Acq On : 11 Sep 2020 12:09
Operator : JC/SP
Sample : VX0911WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

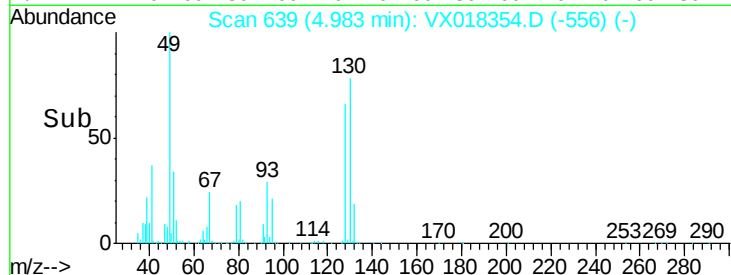
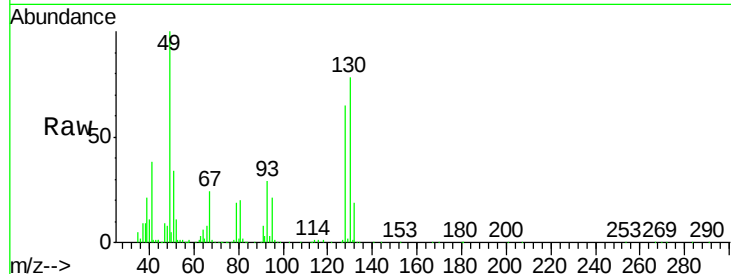
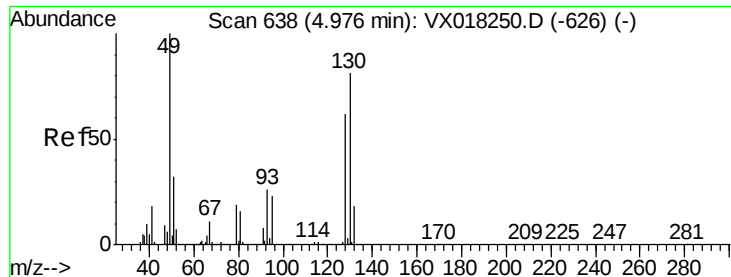
Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM

Quant Time: Sep 12 06:24:16 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration





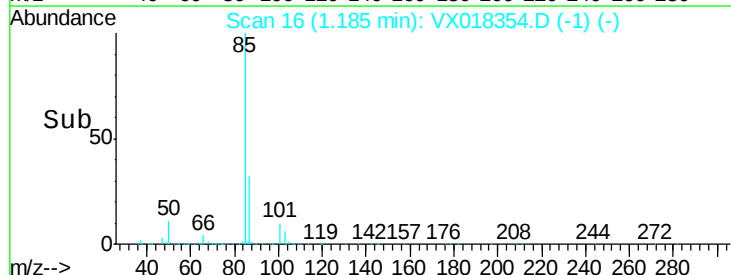
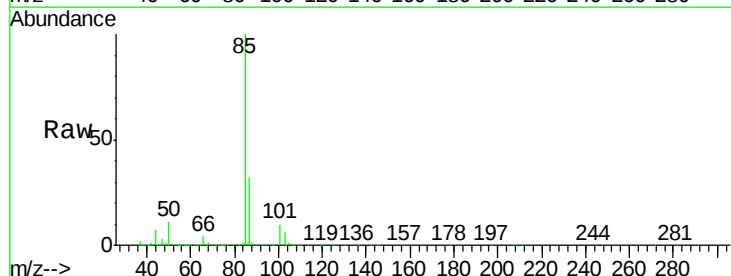
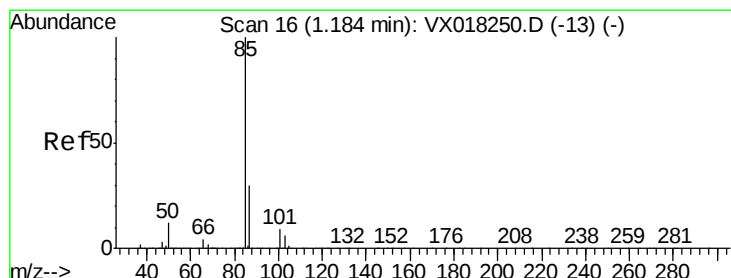
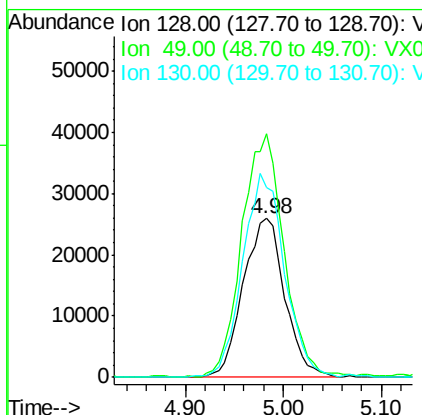
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tot Ion	Ratio	Lower	Upper
128	100		
49	155.8	0.0	392.0
130	128.5	0.0	320.2

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

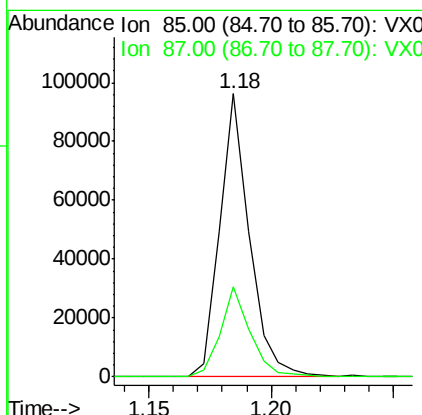
Manual Integrations
APPROVED

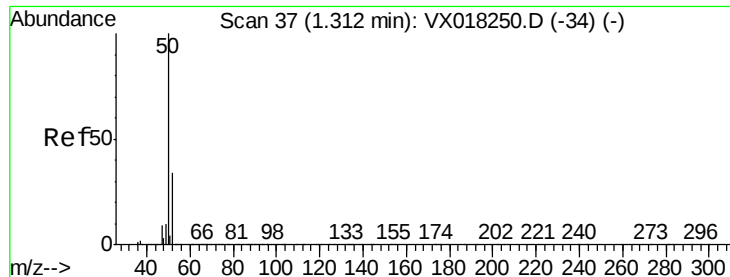
MMDadoda
9/14/2020 12:09:47 PM



#2
Dichlorodifluoromethane
Concen: 19.874 ug/l
RT: 1.18 min Scan# 16
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	15.1	45.3





#3

Chloromethane

Concen: 18.921 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion: 50 Resp: 81654

Ion Ratio Lower Upper

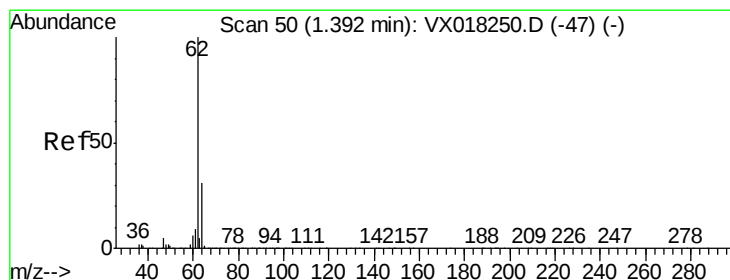
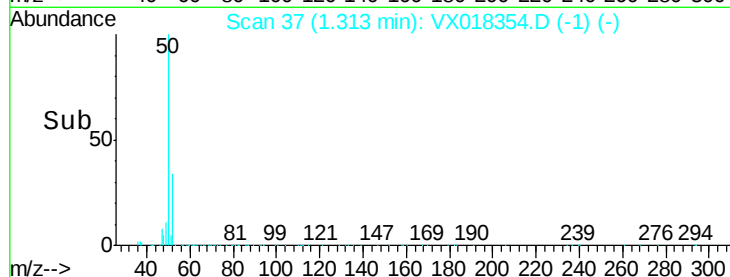
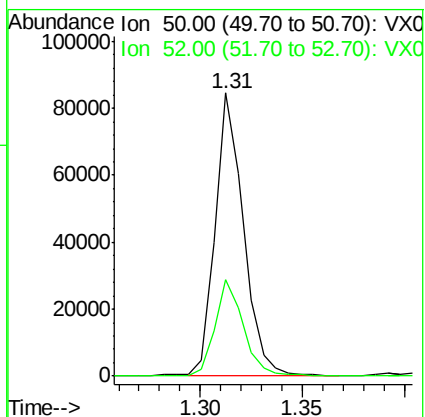
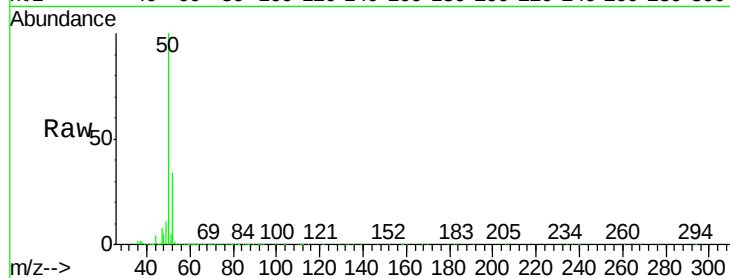
50 100

52 33.9 27.1 40.7

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#4

Vinyl Chloride

Concen: 19.360 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018354.D

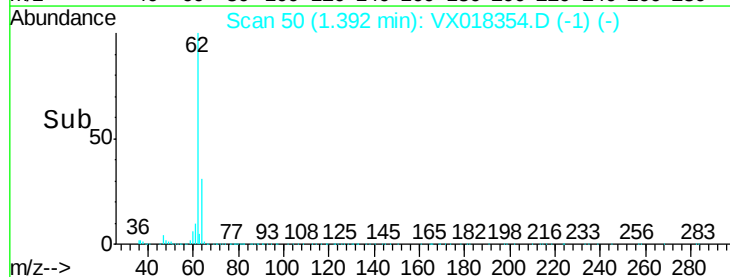
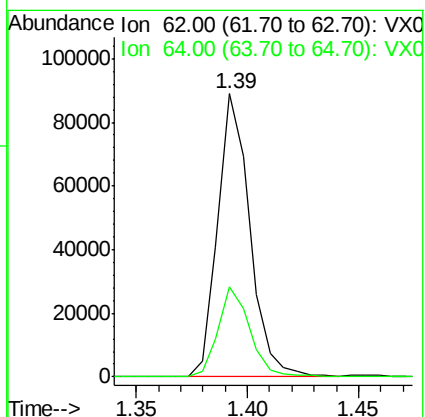
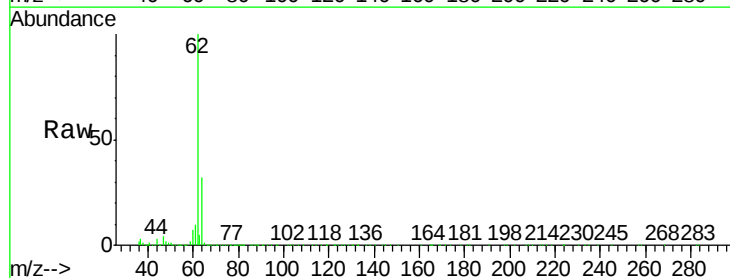
Acq: 11 Sep 2020 12:09

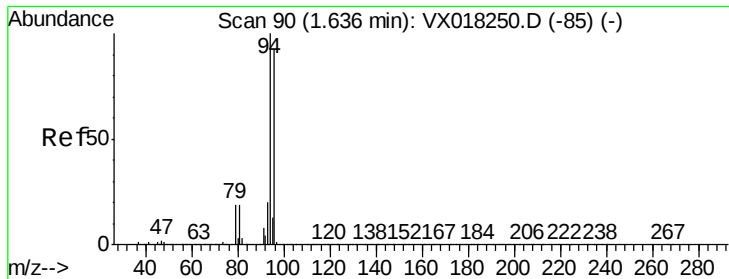
Tgt Ion: 62 Resp: 87974

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 20.489 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion: 94 Resp: 63346

Ion Ratio Lower Upper

94 100

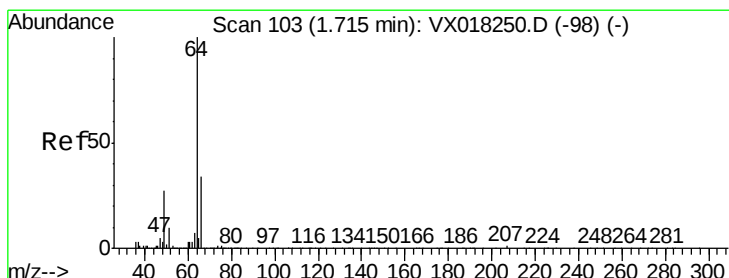
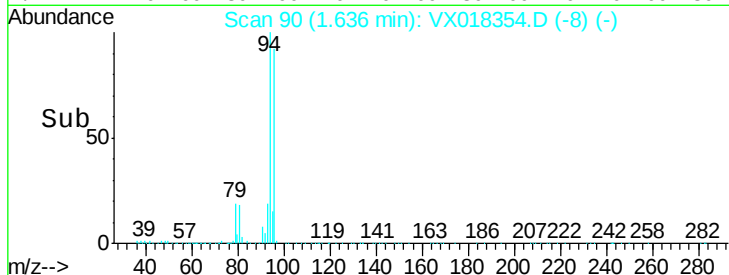
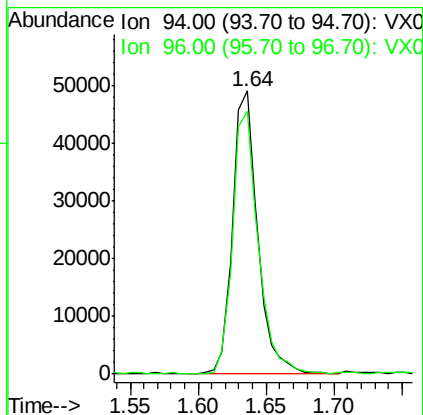
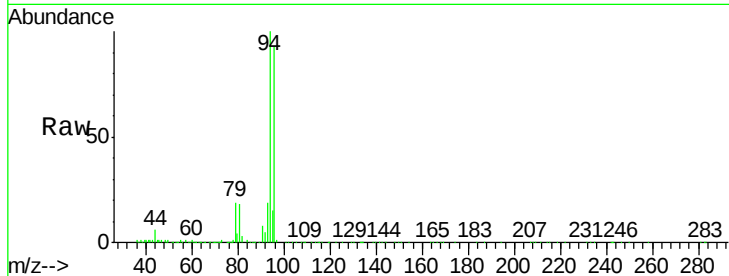
96 92.4 73.9 110.9

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#6

Chloroethane

Concen: 19.548 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018354.D

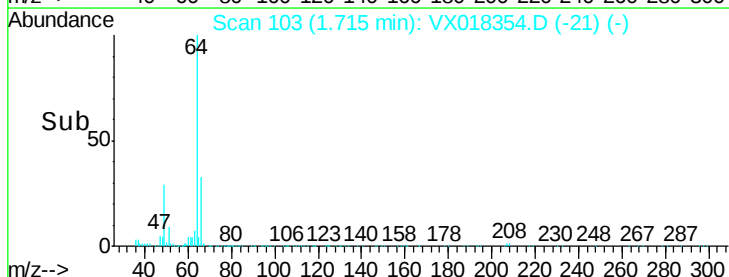
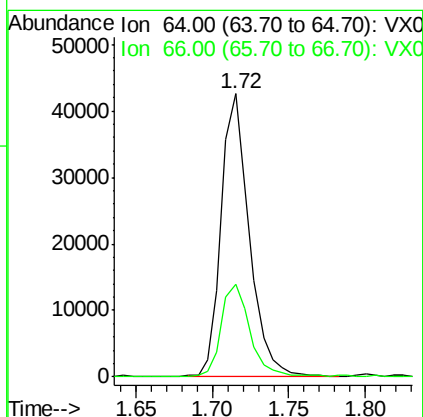
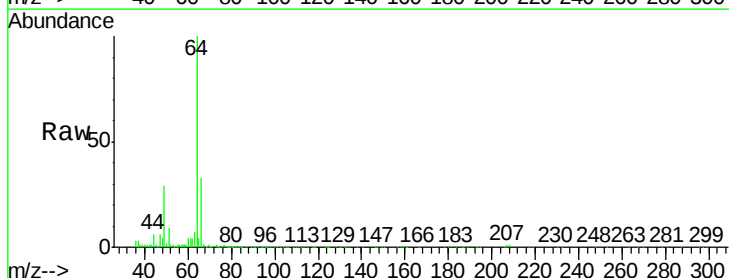
Acq: 11 Sep 2020 12:09

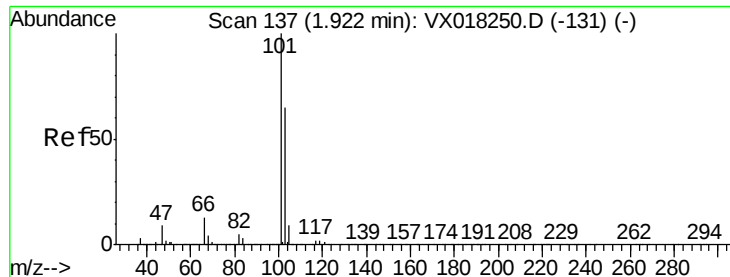
Tgt Ion: 64 Resp: 53988

Ion Ratio Lower Upper

64 100

66 32.9 27.0 40.4





#7

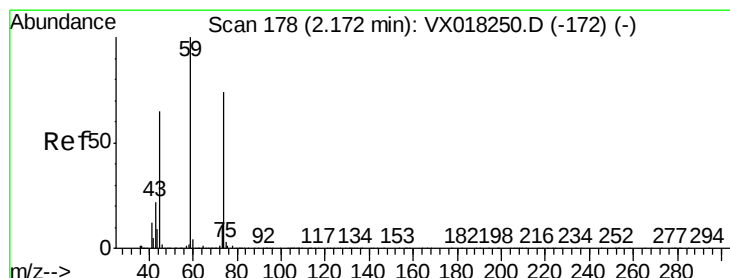
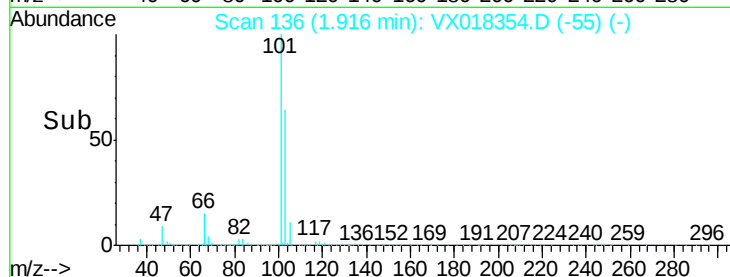
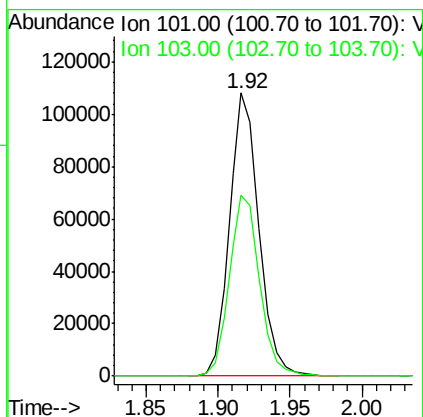
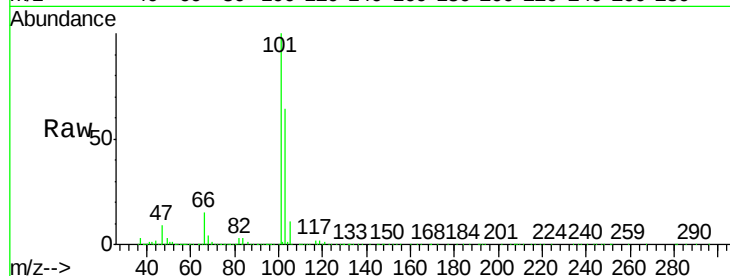
Trichlorofluoromethane
 Concen: 20.057 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	154454		
103	64.0	52.3	78.5	

Manual Integrations
 APPROVED

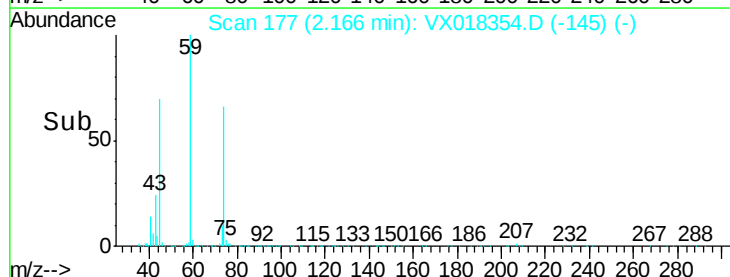
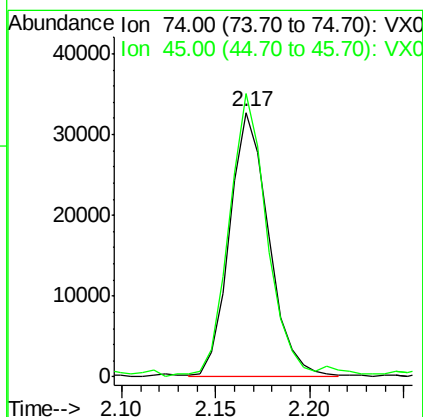
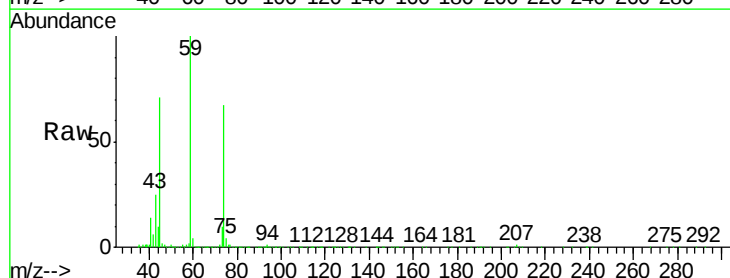
MMDadoda
 9/14/2020 12:09:47 PM

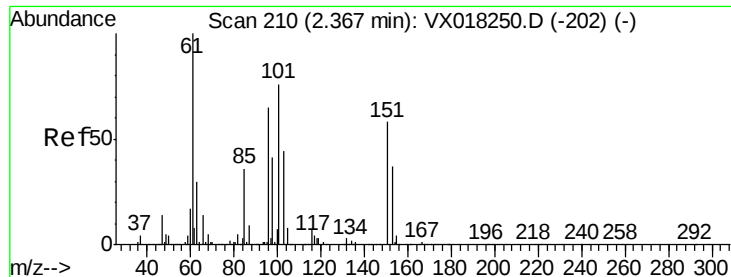


#8

Diethyl Ether
 Concen: 19.494 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	47327		
45	99.6	20.5	184.1	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.260 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

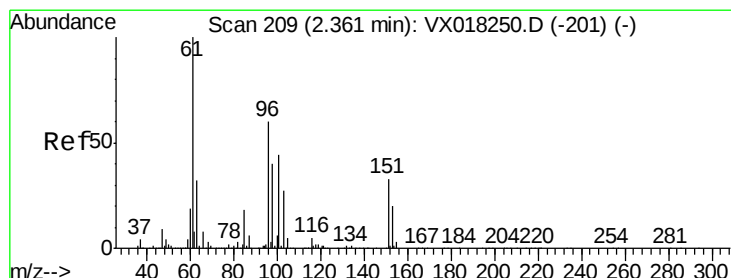
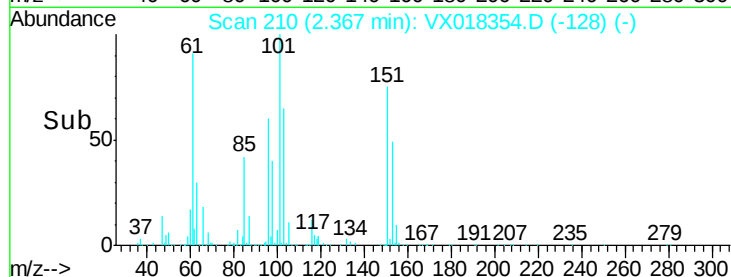
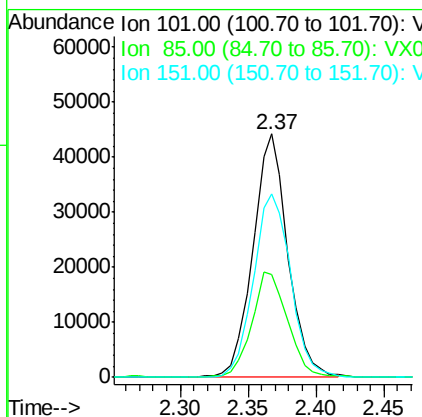
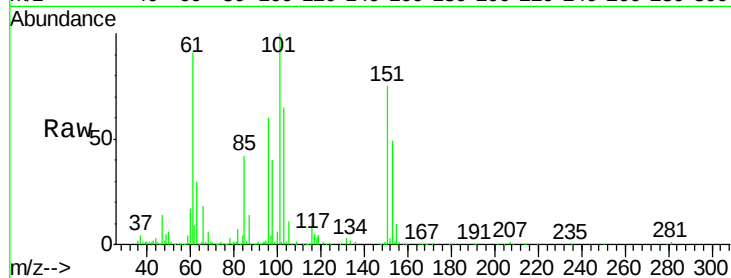
ClientSampleId :

VX0911WBS01

Tot Ion:	101	Resp:	79713
Ion Ratio	Lower	Upper	
101	100		
85	44.5	0.0	87.8
151	80.1	0.0	161.4

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#10

1,1-Dichloroethene

Concen: 19.727 ug/l

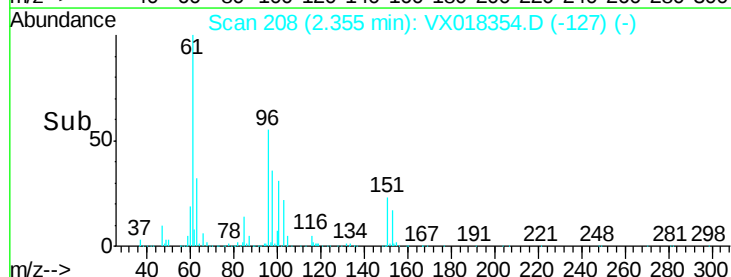
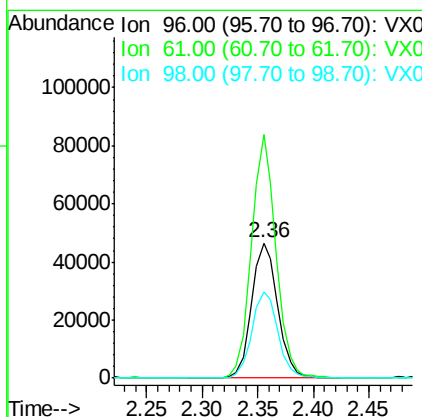
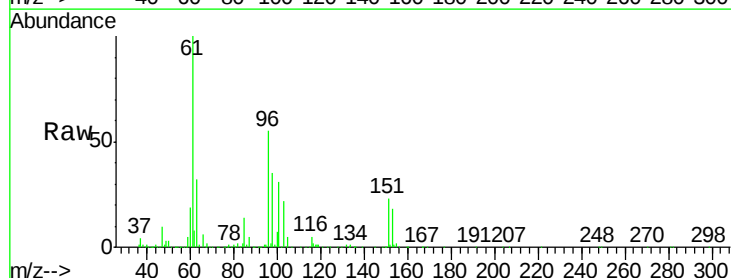
RT: 2.36 min Scan# 208

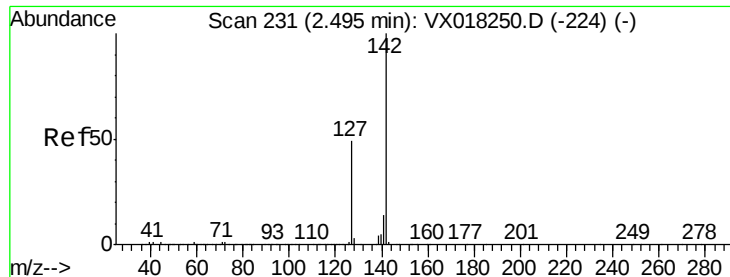
Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	96	Resp:	76190
Ion Ratio	Lower	Upper	
96	100		
61	180.3	132.5	198.7
98	63.8	52.4	78.6





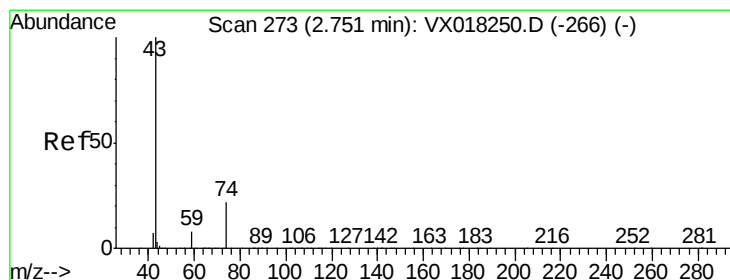
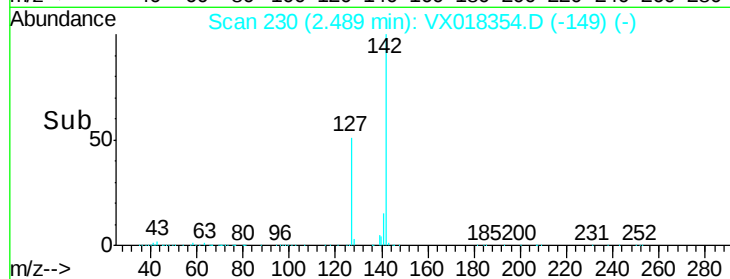
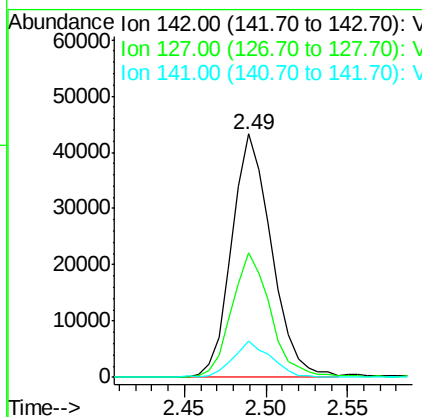
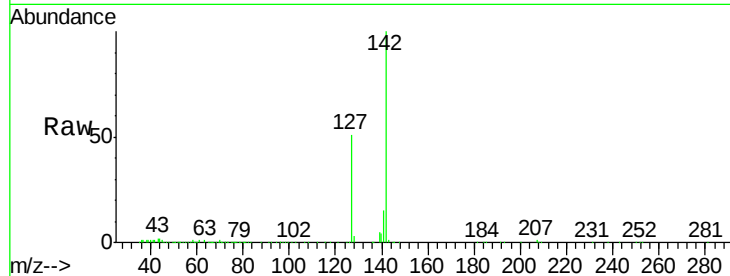
#11
Methvl Iodide
Concen: 20.129 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	50.6	24.6	74.0
141	14.3	7.0	21.0

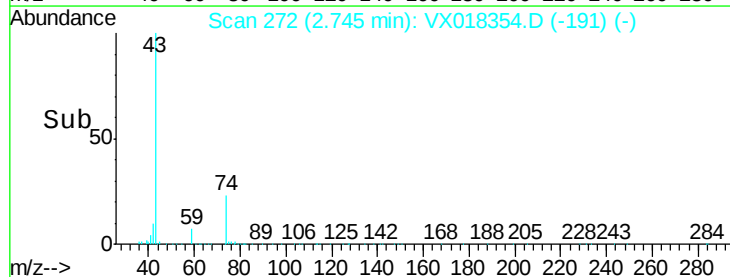
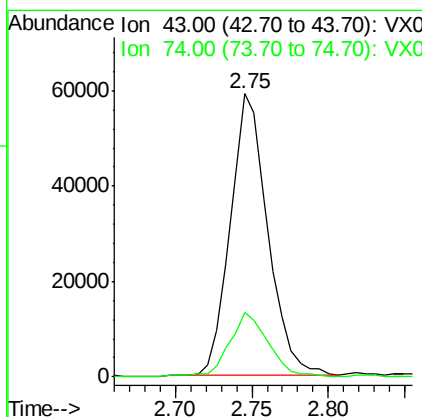
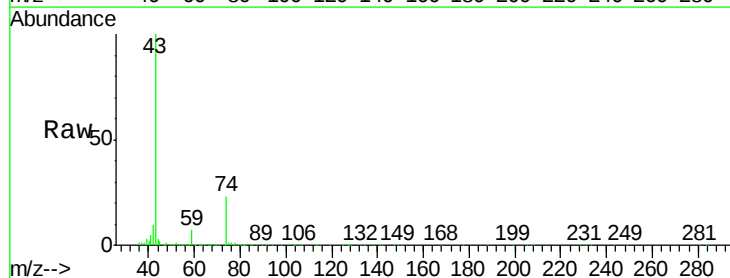
Manual Integrations
APPROVED

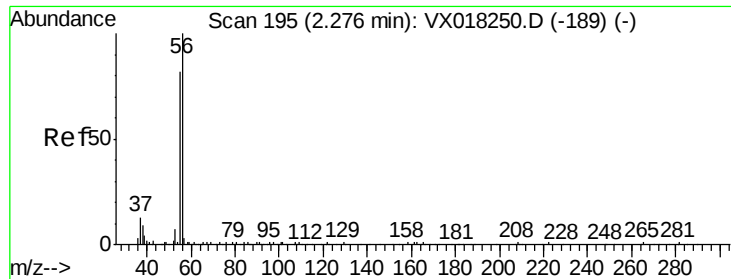
MMDadoda
9/14/2020 12:09:47 PM



#12
Methyl Acetate
Concen: 19.686 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	18.0	27.0





#13

Acrolein

Concen: 114.429 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion: 56 Resp: 46951

Ion Ratio Lower Upper

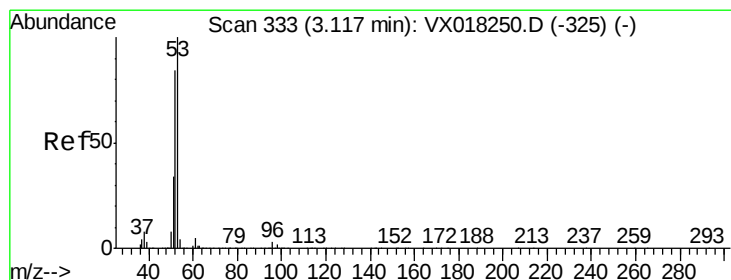
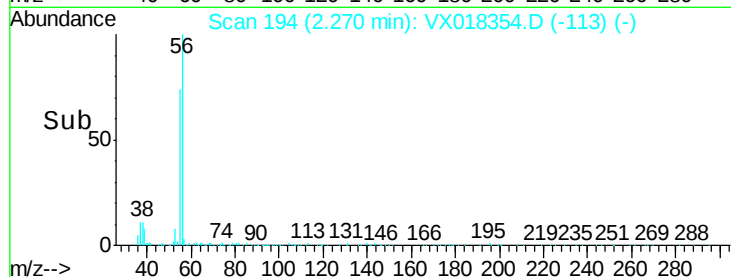
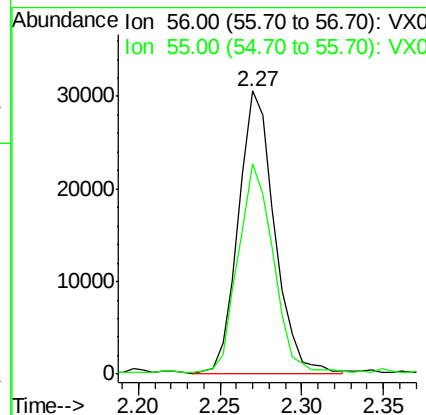
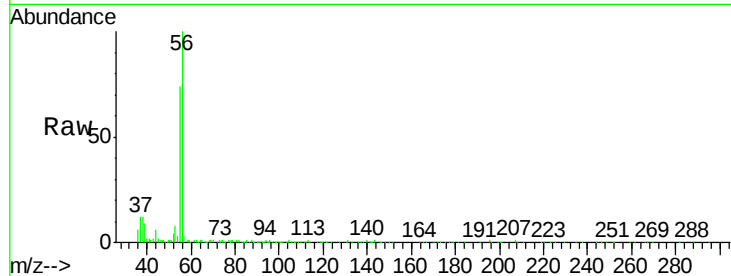
56 100

55 71.4 59.7 89.5

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#14

Acrylonitrile

Concen: 96.719 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

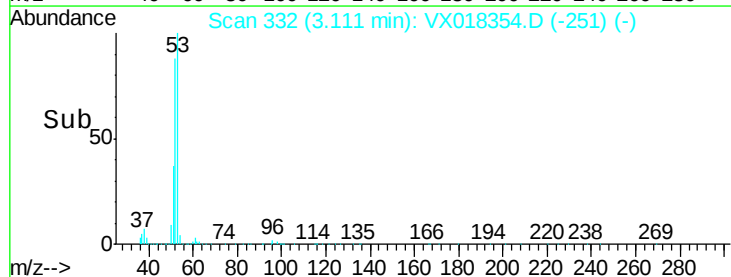
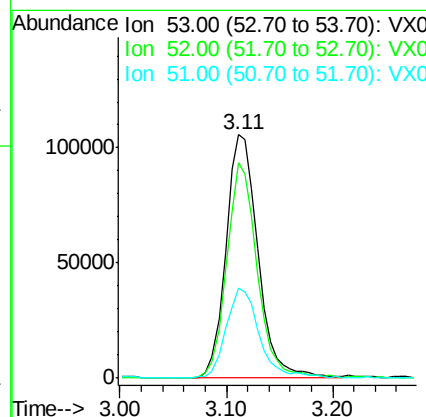
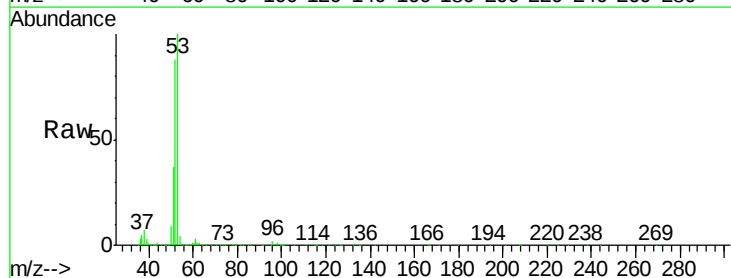
Tgt Ion: 53 Resp: 222809

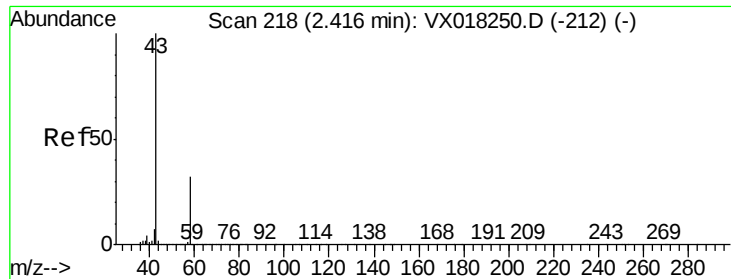
Ion Ratio Lower Upper

53 100

52 83.9 41.9 125.7

51 37.7 18.3 54.8





#15

Acetone

Concen: 98.525 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tot Ion: 58 Resp: 61710

Ion Ratio Lower Upper

58 100

43 341.3 248.2 372.2

Instrument :

MSVOA_X

ClientSampled :

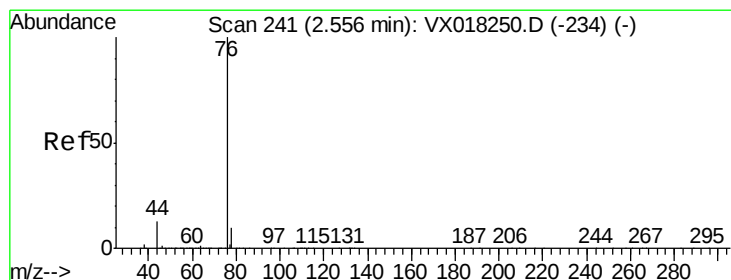
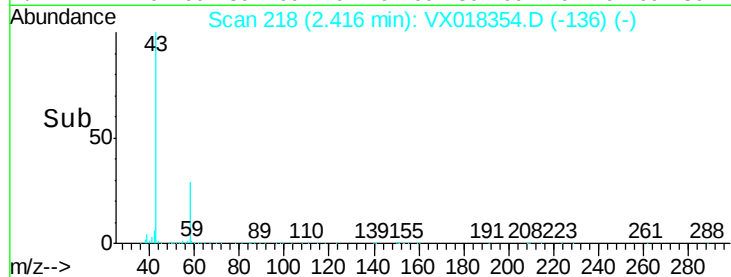
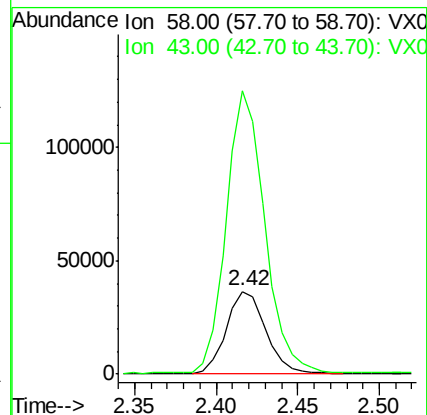
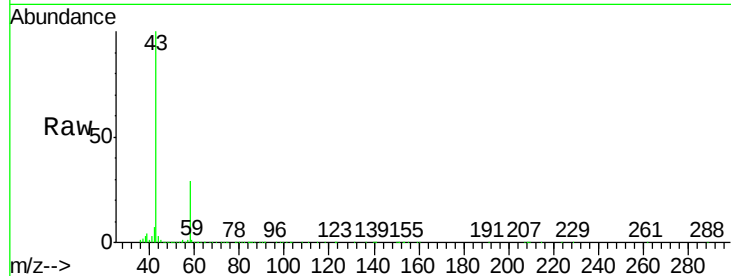
VX0911WBS01

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#16

Carbon Disulfide

Concen: 19.199 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018354.D

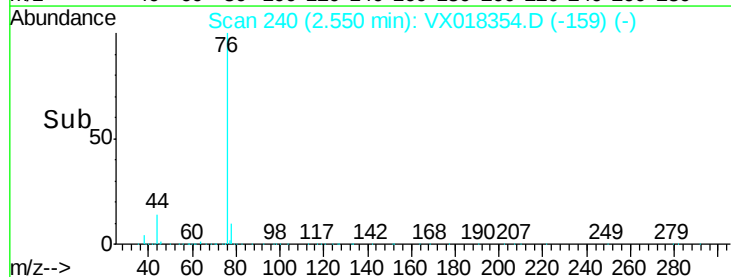
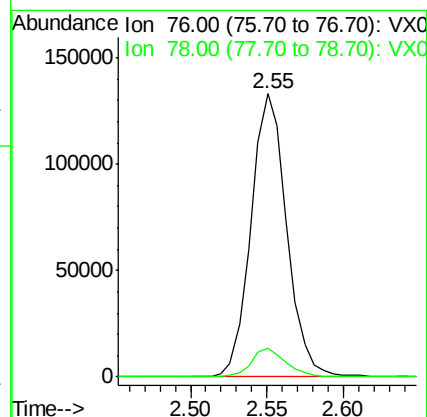
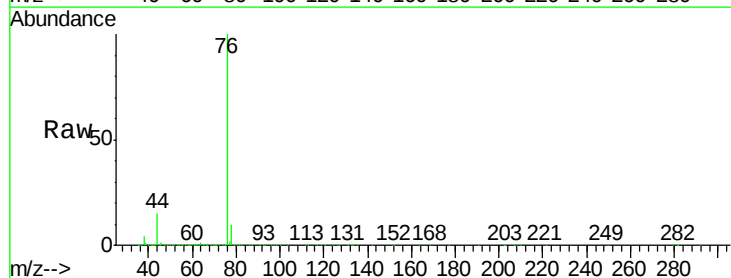
Acq: 11 Sep 2020 12:09

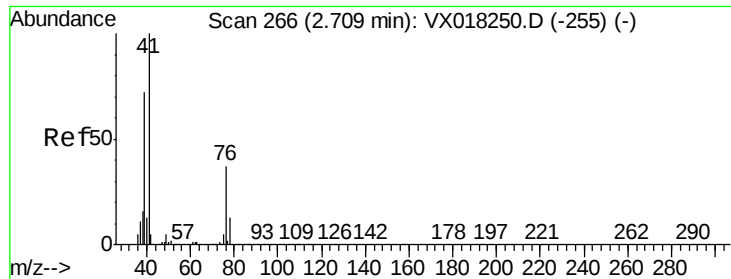
Tgt Ion: 76 Resp: 215910

Ion Ratio Lower Upper

76 100

78 9.9 7.8 11.6





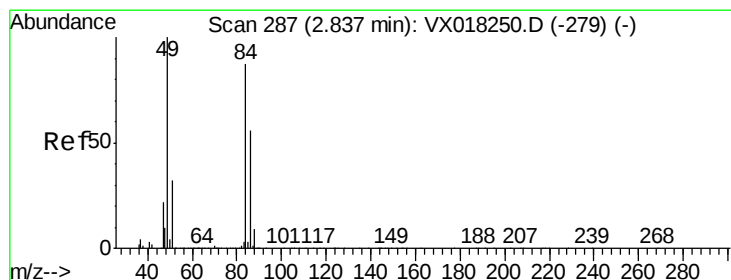
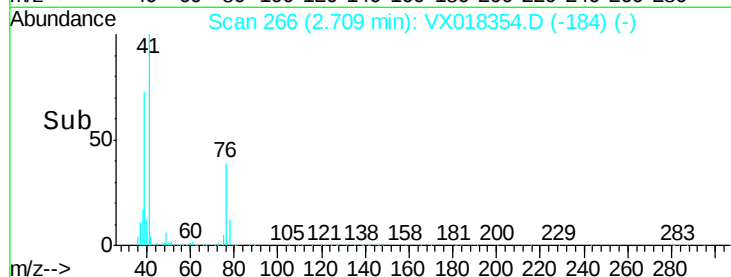
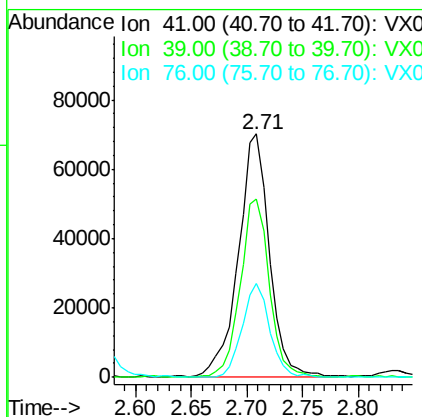
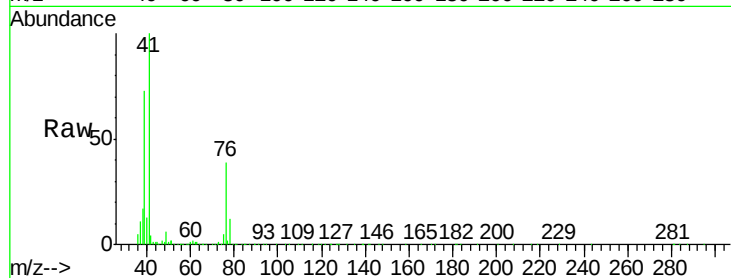
#17
Allvl chloride
Concen: 19.621 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	73.0	36.0	108.1
76	38.5	18.6	55.6

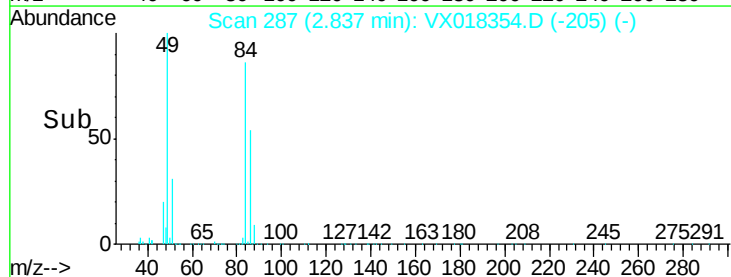
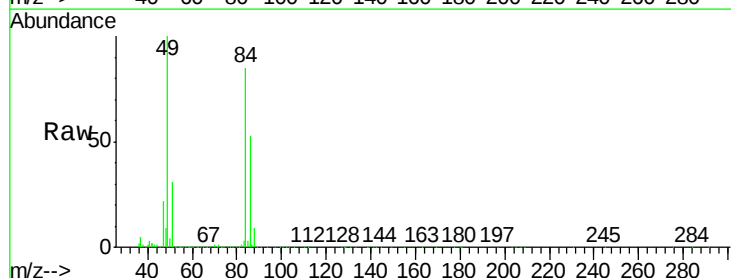
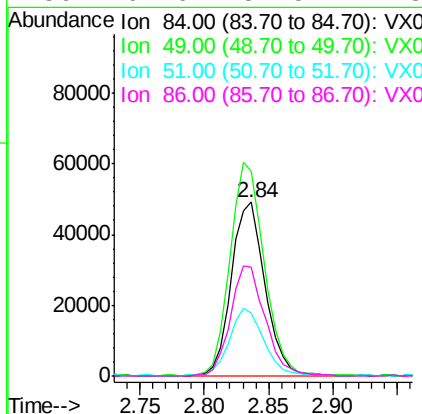
Manual Integrations
APPROVED

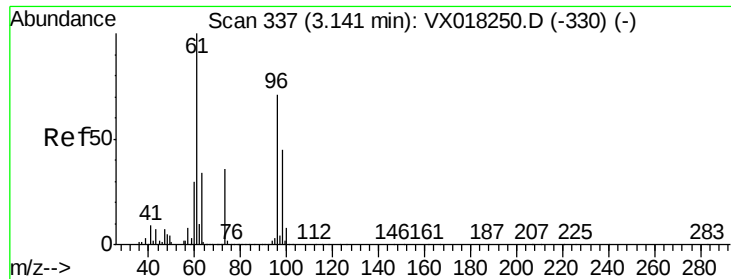
MMDadoda
9/14/2020 12:09:47 PM



#18
Methylene Chloride
Concen: 19.810 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
84	100		
49	117.5	91.6	137.4
51	36.3	29.4	44.0
86	62.6	51.5	77.3





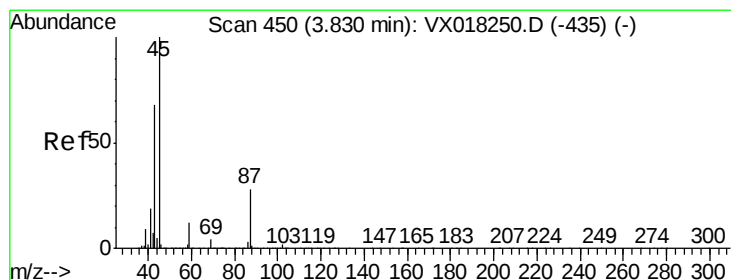
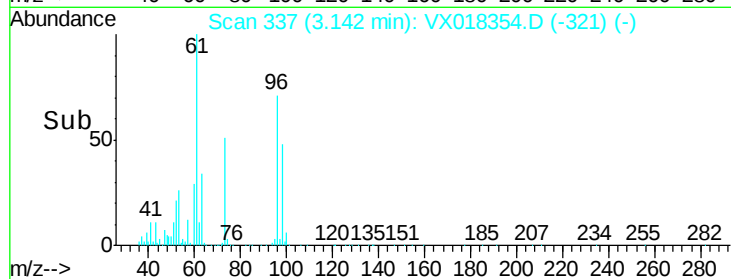
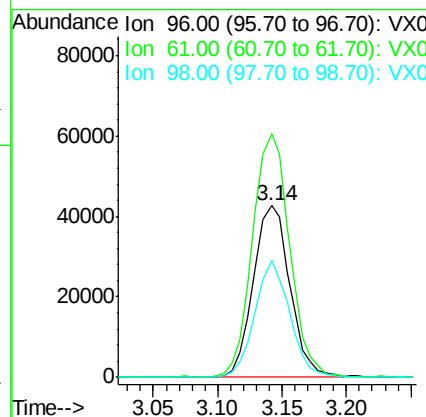
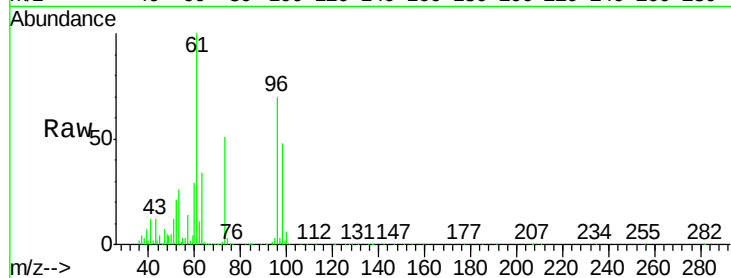
#19
trans-1,2-Dichloroethene
Concen: 19.482 ug/l
RT: 3.14 min Scan# 337
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.8	112.8	169.2
98	68.4	51.0	76.4

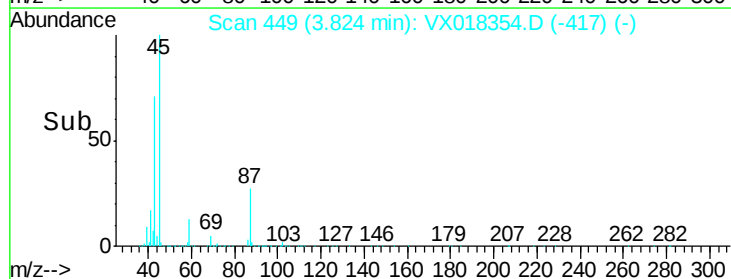
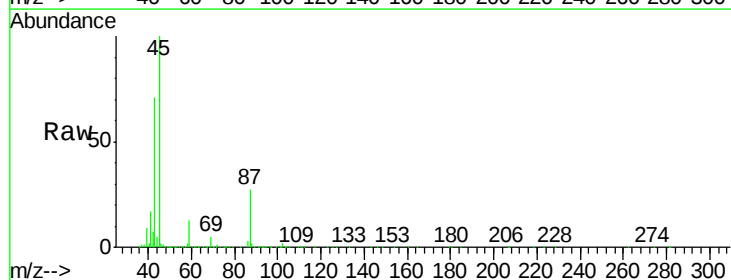
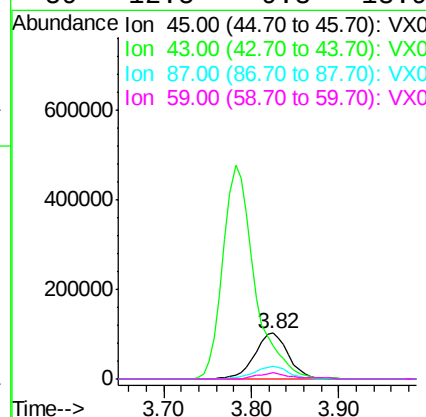
Manual Integrations
APPROVED

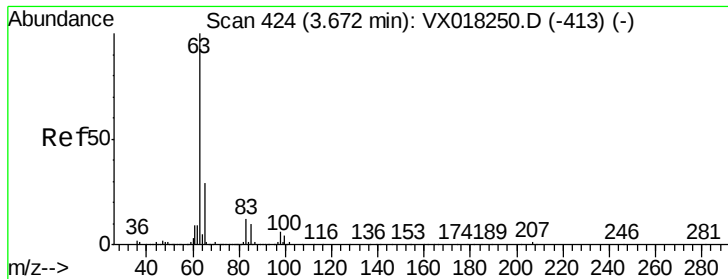
MMDadoda
9/14/2020 12:09:47 PM



#20
Diisopropyl ether
Concen: 20.183 ug/l
RT: 3.82 min Scan# 449
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
45	100		
43	70.8	54.5	81.7
87	27.3	22.2	33.2
59	12.5	9.3	13.9





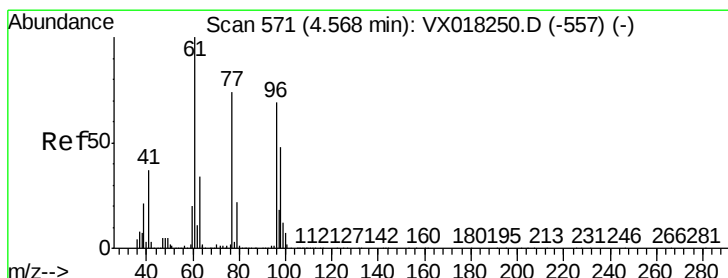
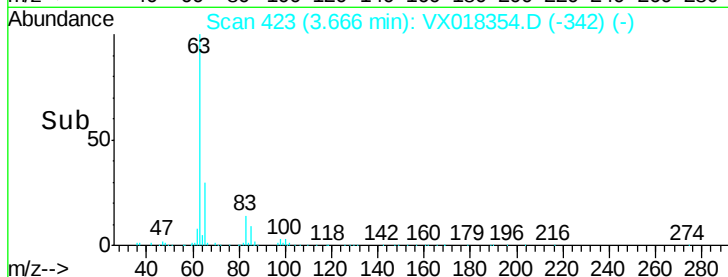
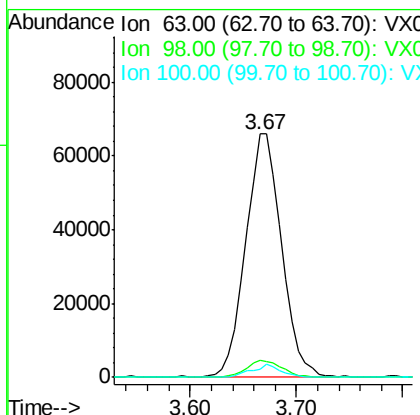
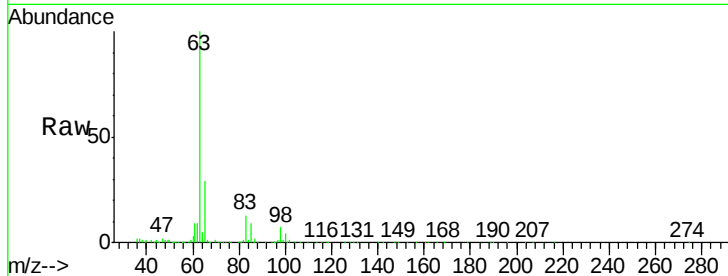
#21
1,1-Dichloroethane
Concen: 19.935 ug/l
RT: 3.67 min Scan# 423
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100			
98	6.8	3.2	9.6	
100	3.5	2.1	6.3	

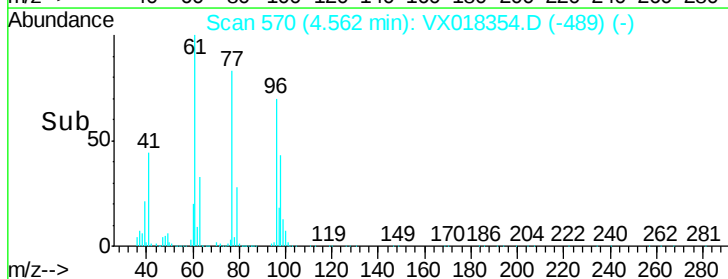
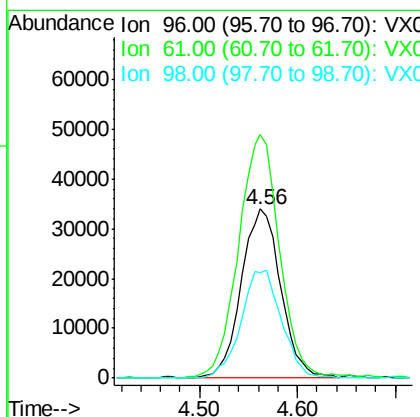
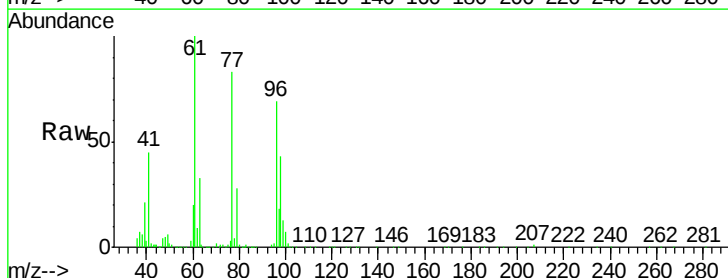
Manual Integrations
APPROVED

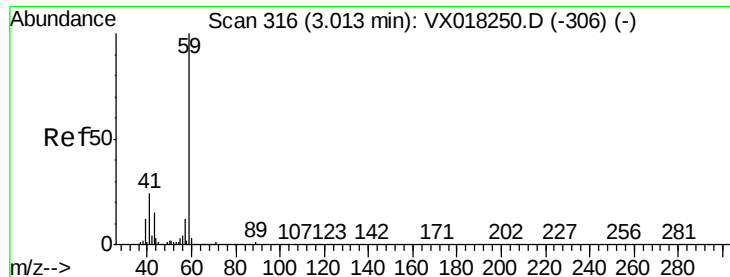
MMDadoda
9/14/2020 12:09:47 PM



#22
cis-1,2-Dichloroethene
Concen: 20.119 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.9	116.2	174.4	
98	64.5	52.5	78.7	





#23

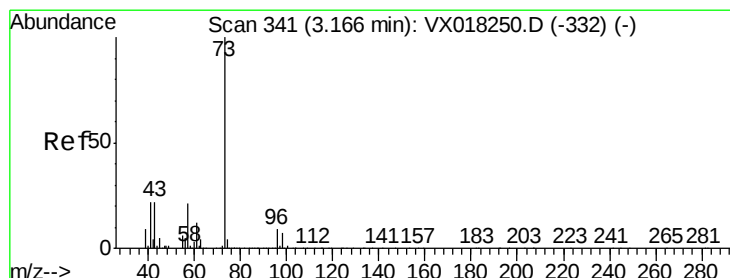
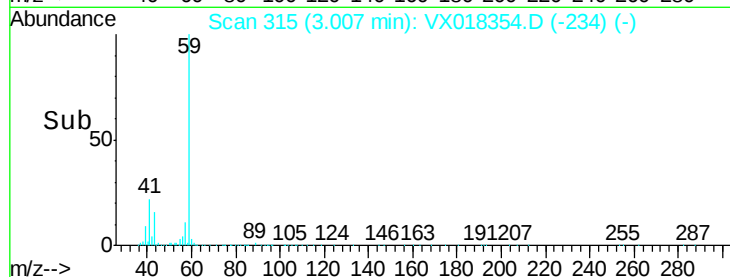
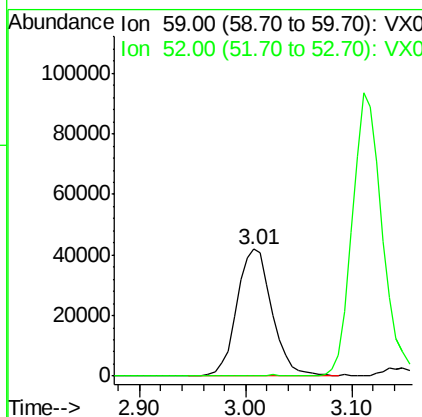
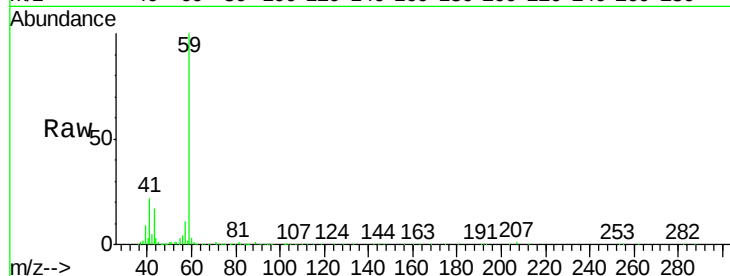
tert-Butyl Alcohol
 Concen: 97.424 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59	100			
52	0.2	0.4	0.6	

Manual Integrations
 APPROVED

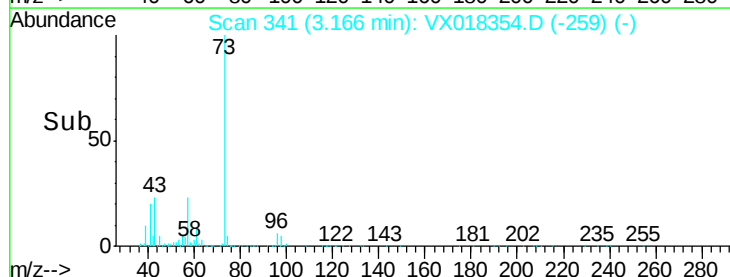
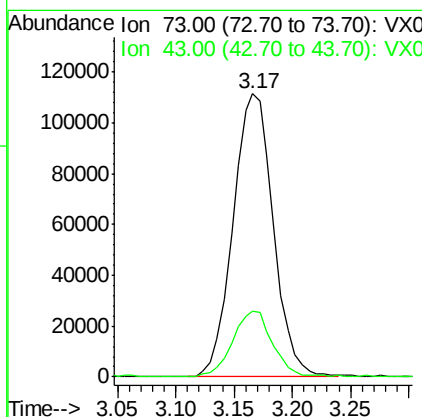
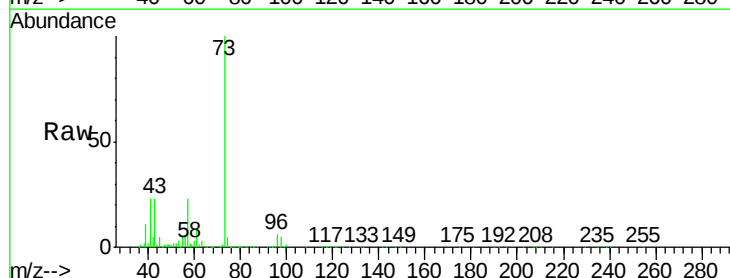
MMDadoda
 9/14/2020 12:09:47 PM

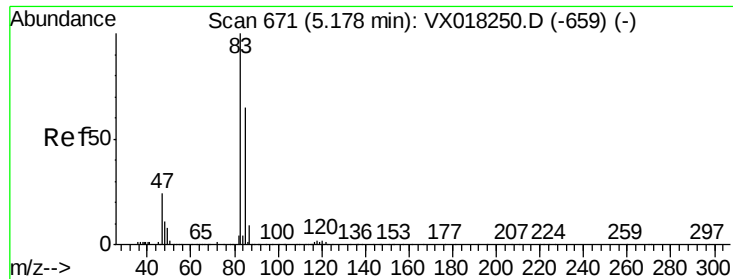


#24

Methyl tert-Butyl Ether
 Concen: 19.397 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion	Ion	Ratio	Lower	Upper
73	100			
43	22.8	17.8	26.6	





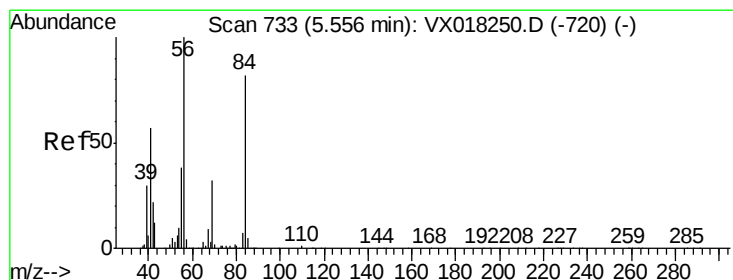
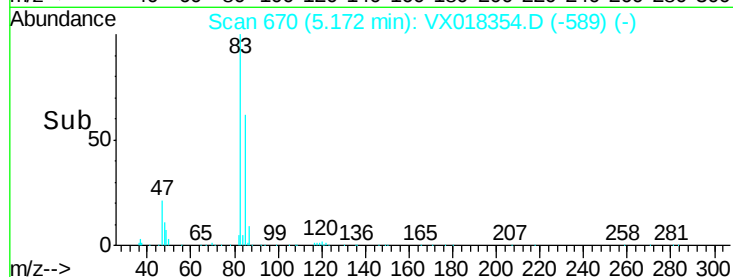
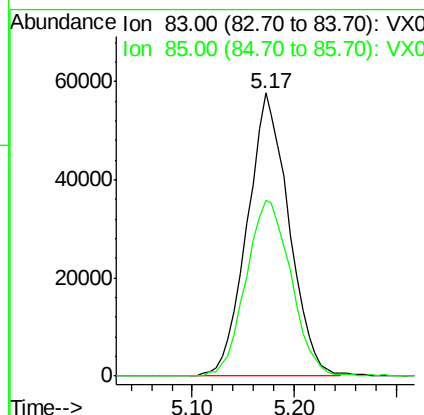
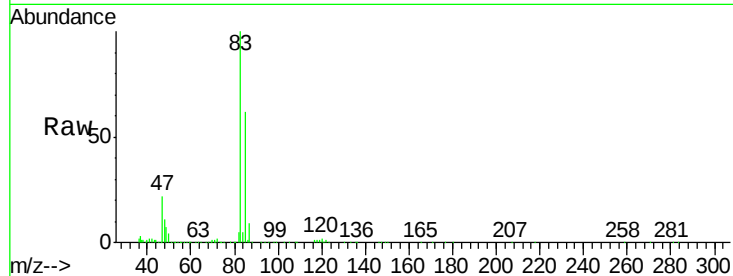
#25
Chloroform
Concen: 19.561 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.6	77.4

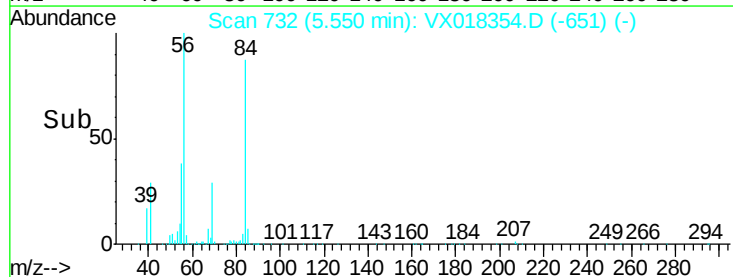
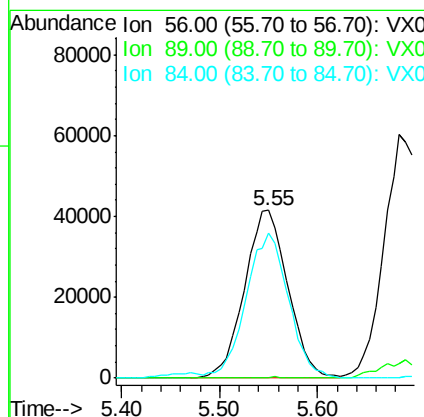
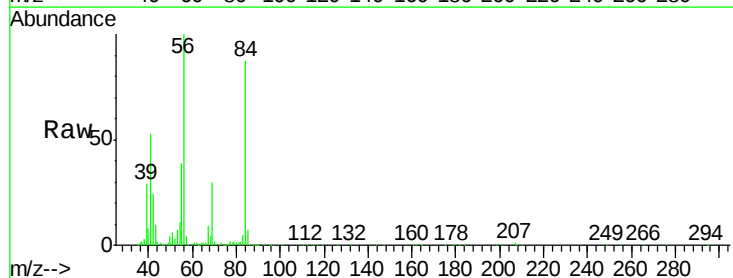
Manual Integrations
APPROVED

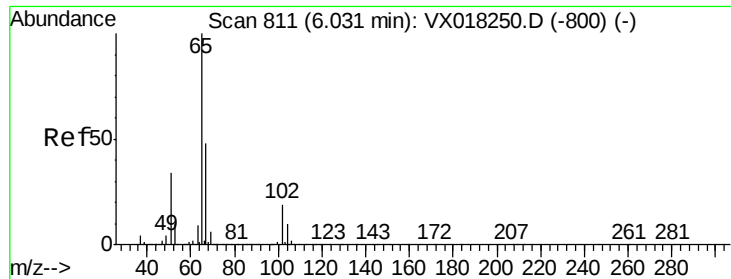
MMDadoda
9/14/2020 12:09:47 PM



#26
Cyclohexane
Concen: 20.132 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
56	100		
89	0.2	0.1	0.1#
84	85.1	41.0	61.4#





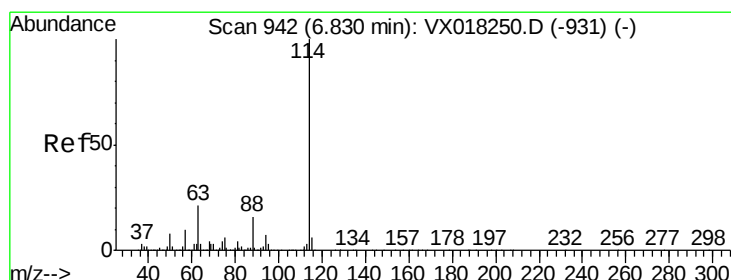
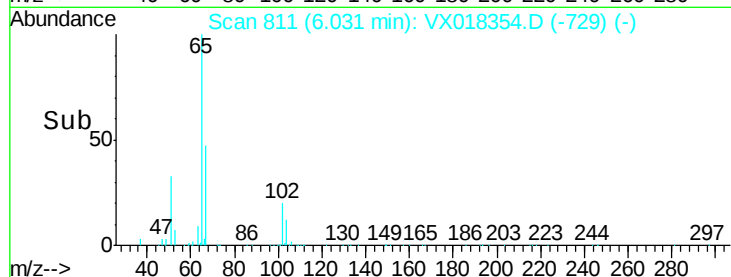
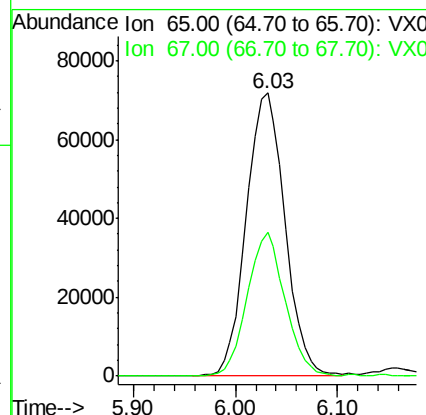
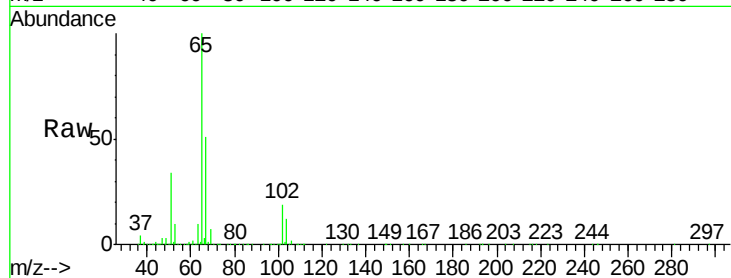
#27
 1,2-Dichloroethane-d4
 Concen: 31.288 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.5	39.9	59.9

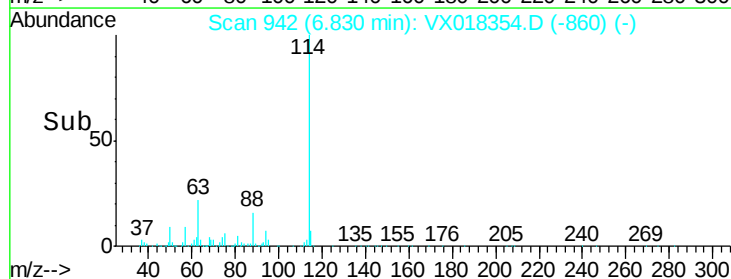
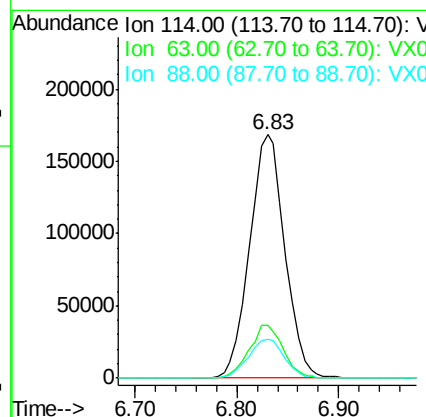
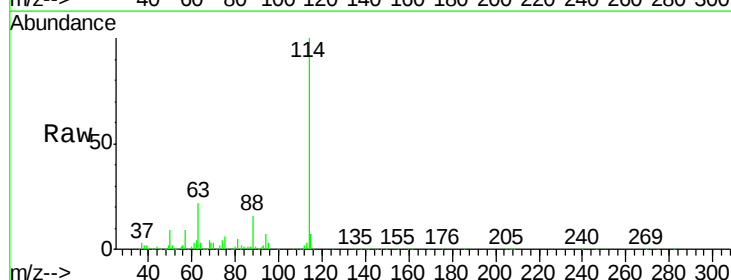
Manual Integrations
 APPROVED

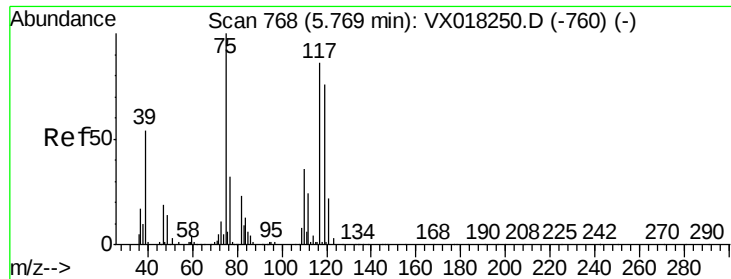
MMDadoda
 9/14/2020 12:09:47 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	16.7	25.1
88	16.4	12.6	18.8





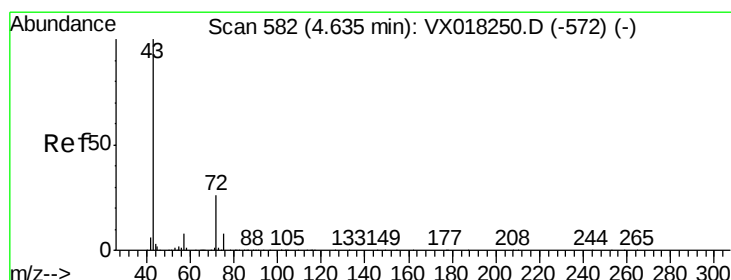
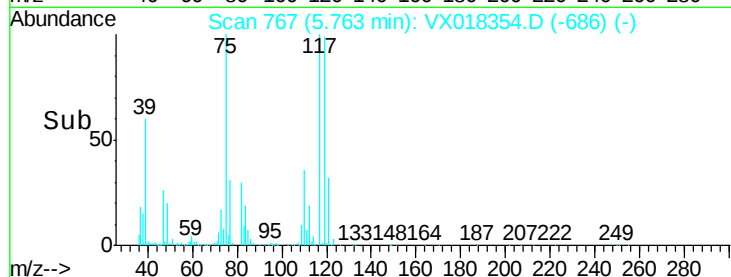
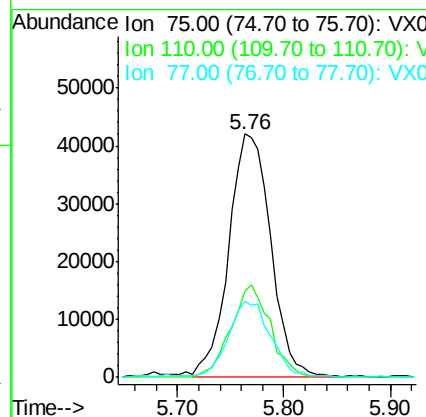
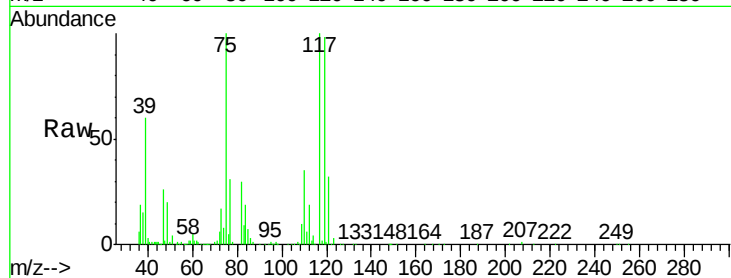
#29
 1,1-Dichloropropene
 Concen: 18.669 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.7	0.0	72.2
77	31.0	0.0	61.0

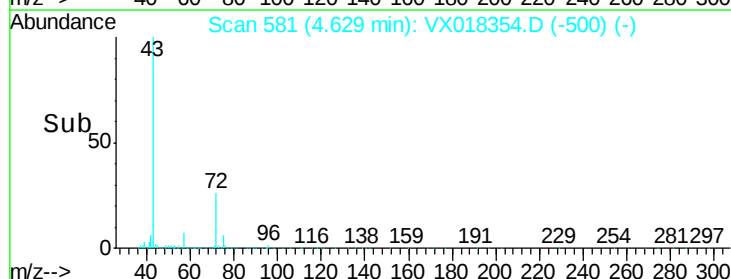
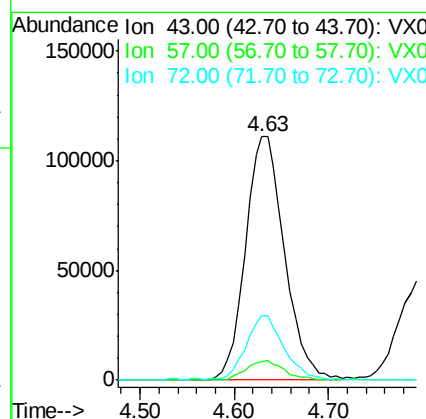
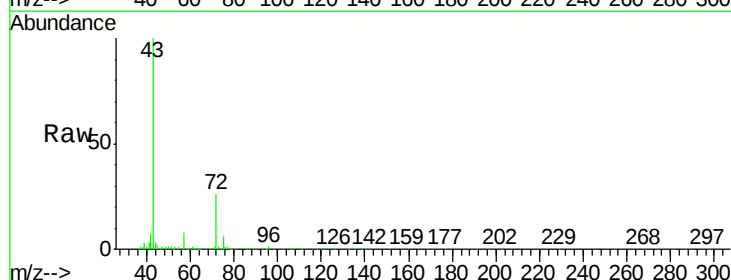
Manual Integrations
 APPROVED

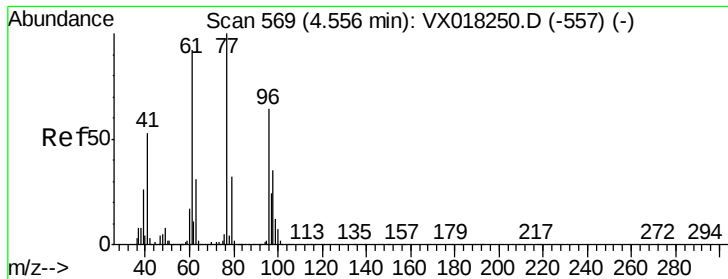
MMDadoda
 9/14/2020 12:09:47 PM



#30
 2-Butanone
 Concen: 94.218 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	6.7	10.1
72	25.0	20.0	30.0





#31

2,2-Dichloropropane

Concen: 19.565 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampled :

VX0911WBS01

Tot Ion: 77 Resp: 146252

Ion Ratio Lower Upper

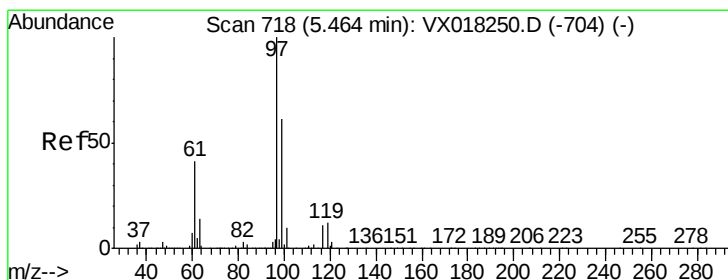
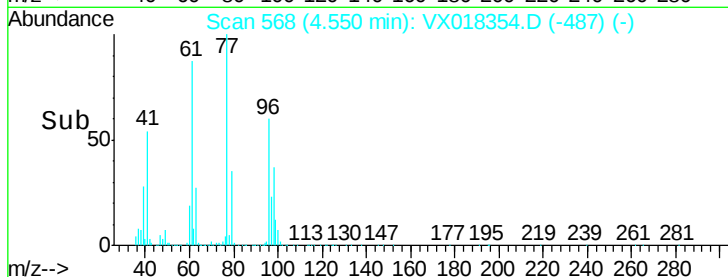
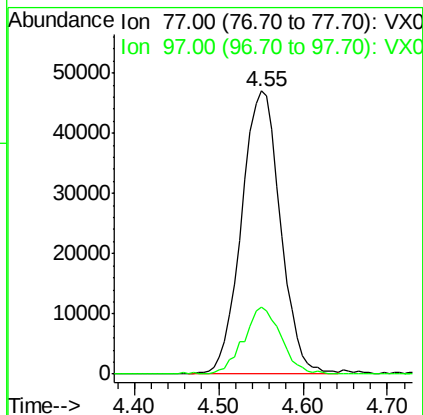
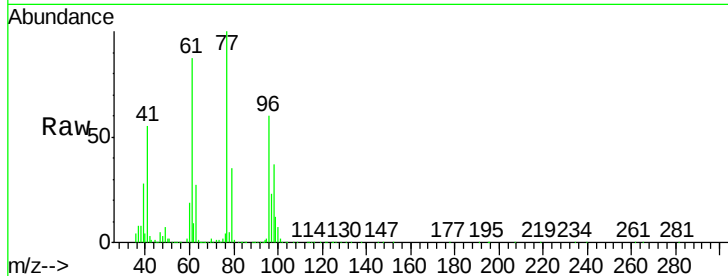
77 100

97 22.7 18.1 27.1

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#32

1,1,1-Trichloroethane

Concen: 19.649 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

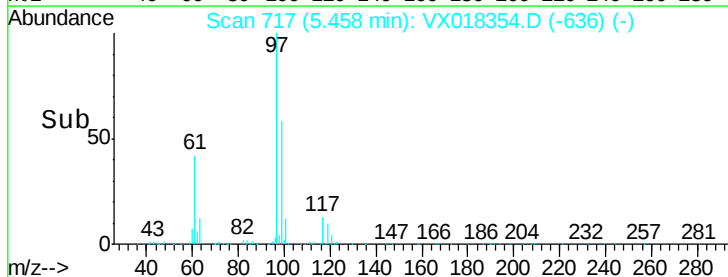
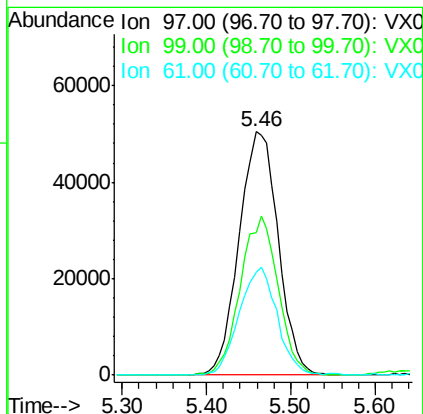
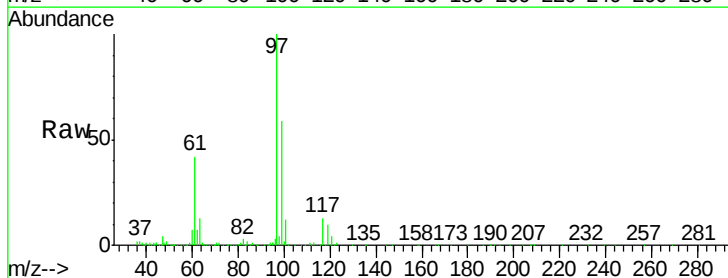
Tgt Ion: 97 Resp: 159164

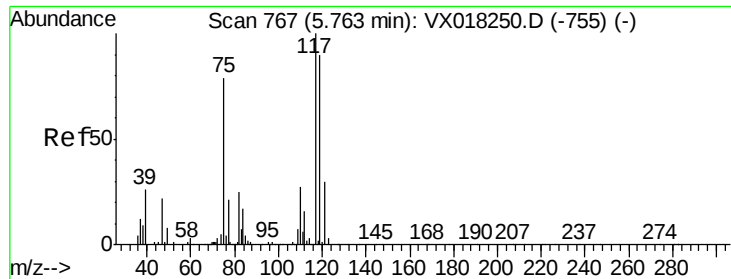
Ion Ratio Lower Upper

97 100

99 63.0 50.7 76.1

61 42.9 34.5 51.7





#33

Carbon Tetrachloride

Concen: 19.268 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

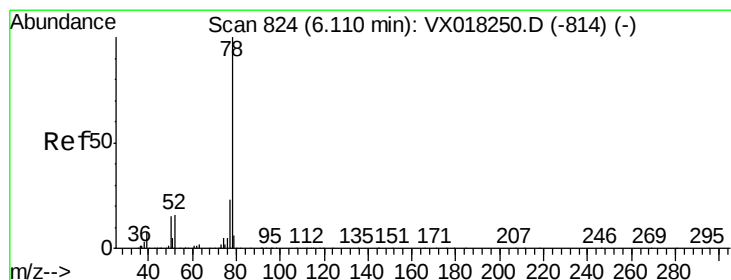
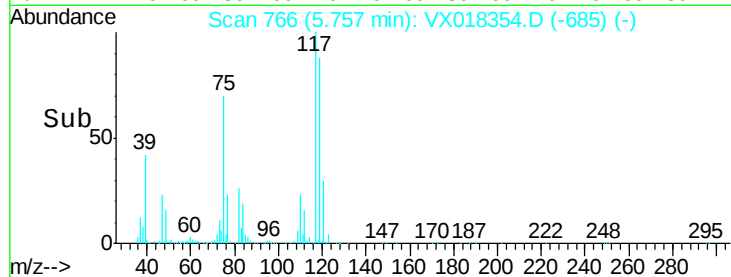
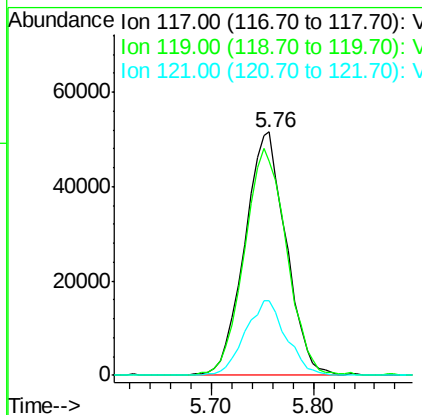
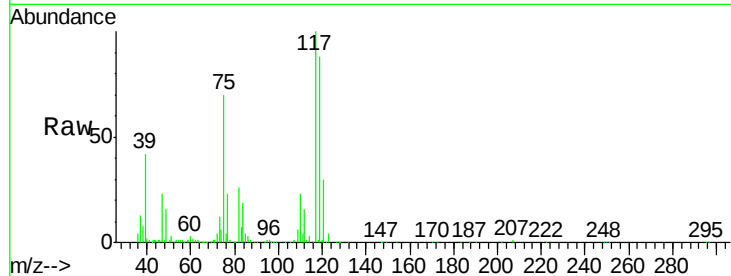
ClientSampleId :

VX0911WBS01

Tot Ion:	117	Resp:	145442
Ion Ratio	Lower	Upper	
117	100		
119	87.5	72.3	108.5
121	30.3	24.1	36.1

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#34

Benzene

Concen: 19.269 ug/l

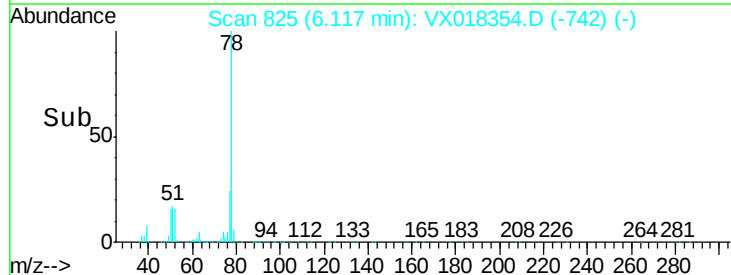
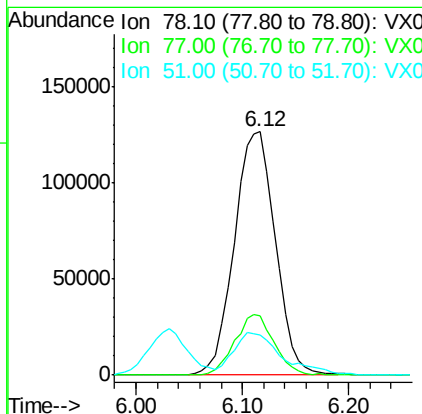
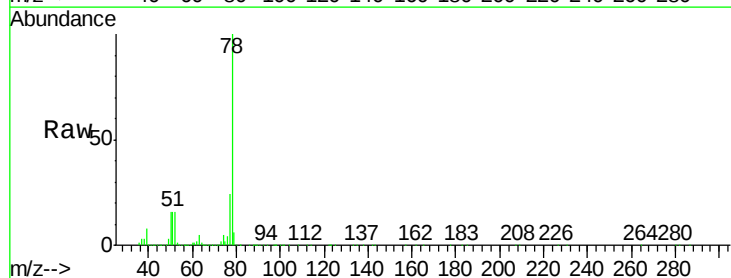
RT: 6.12 min Scan# 825

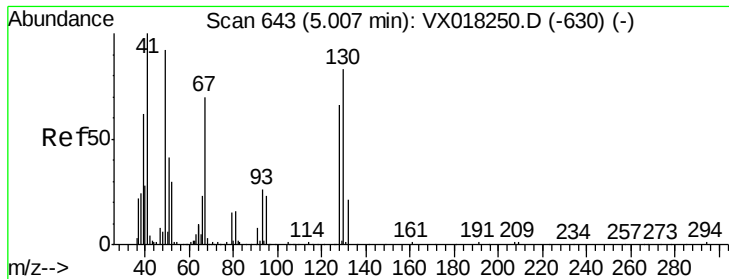
Delta R.T. 0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	78	Resp:	340398
Ion Ratio	Lower	Upper	
78	100		
77	24.2	18.3	27.5
51	15.9	11.3	16.9





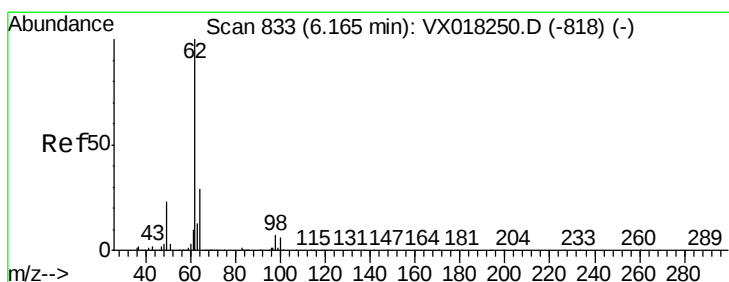
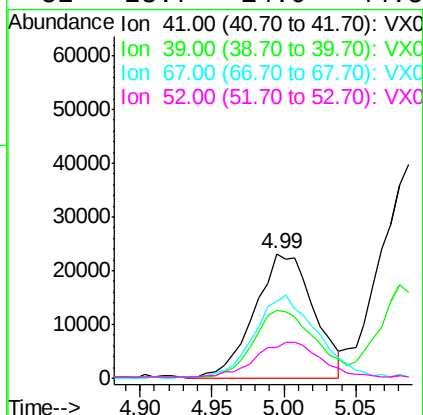
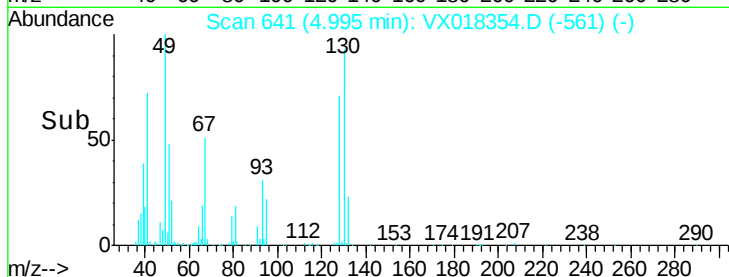
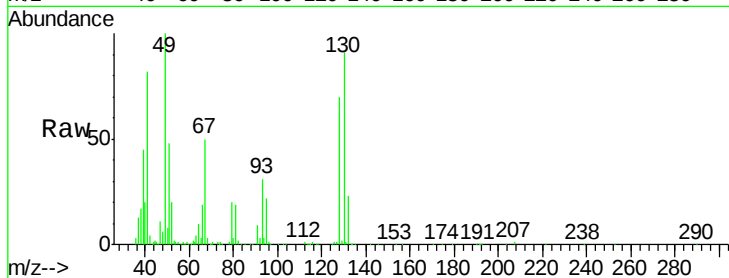
#35
Methacrylonitrile
Concen: 18.387 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.5	31.3	93.9	
67	60.1	35.4	106.2	
52	23.7	14.9	44.5	

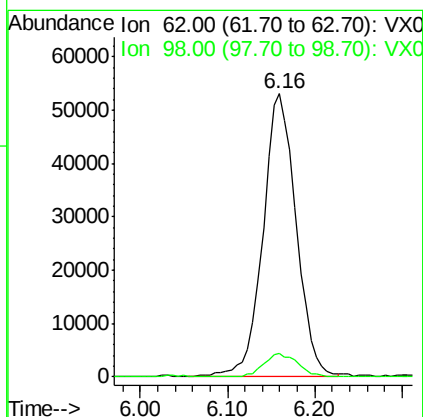
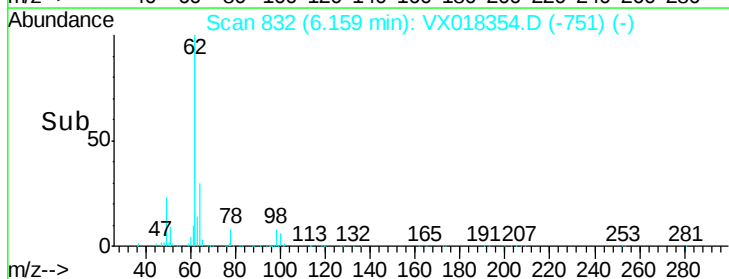
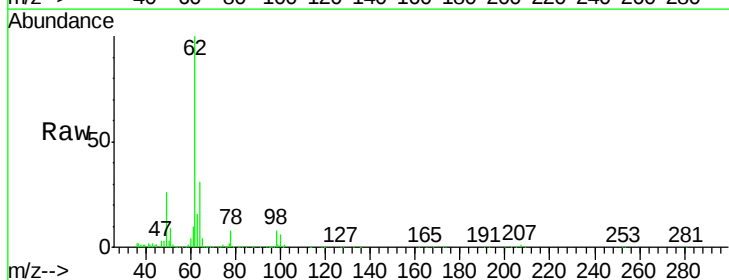
Manual Integrations
APPROVED

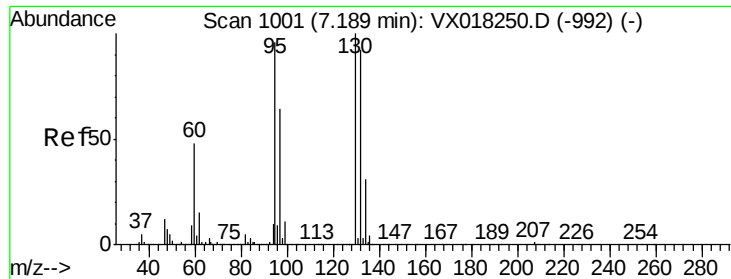
MMDadoda
9/14/2020 12:09:47 PM



#36
1,2-Dichloroethane
Concen: 19.195 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	0.0#	





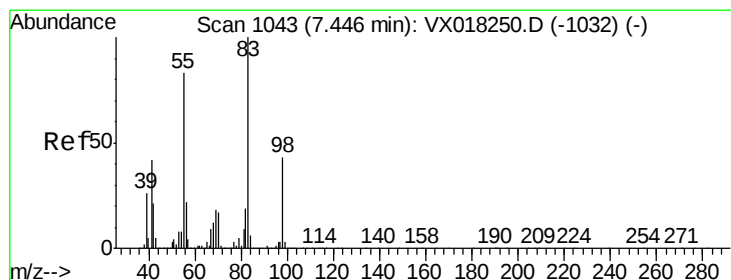
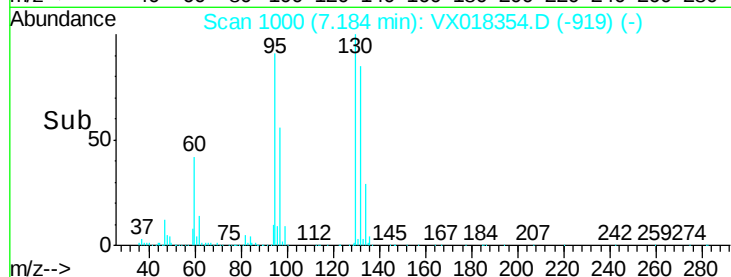
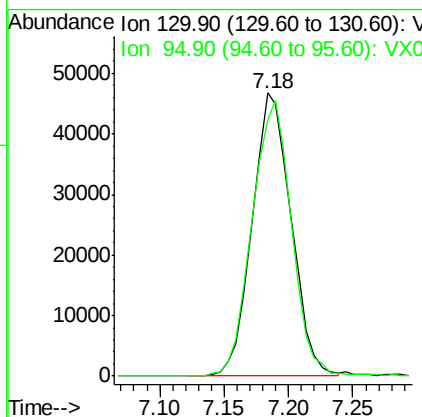
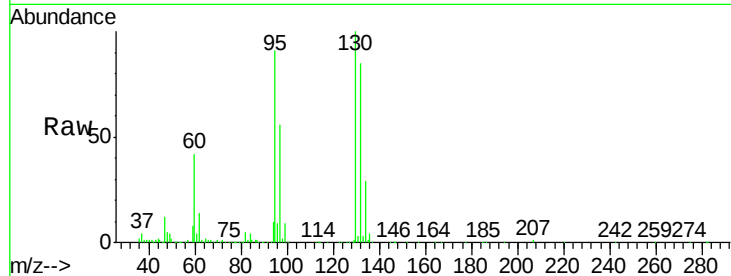
#37
 Trichloroethene
 Concen: 19.190 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion:130 Resp: 98028
 Ion Ratio Lower Upper
 130 100
 95 90.5 76.9 115.3

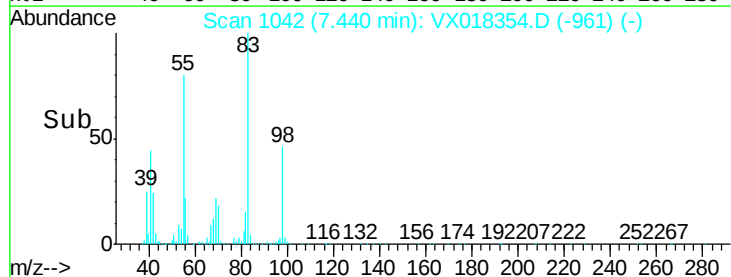
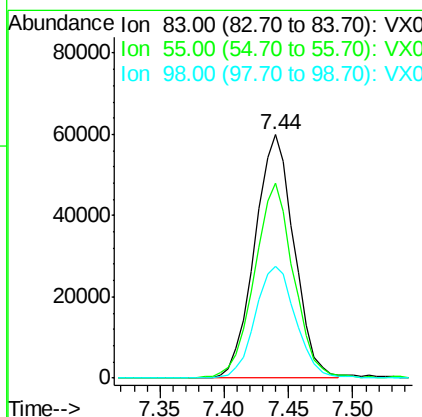
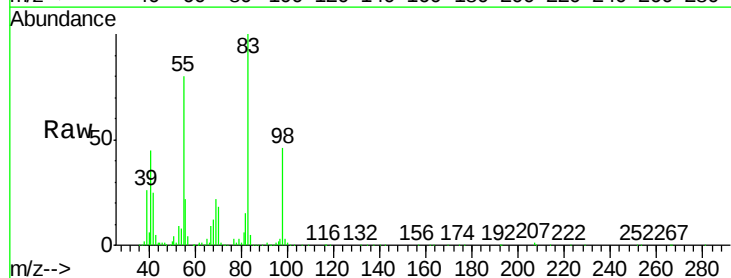
Manual Integrations
 APPROVED

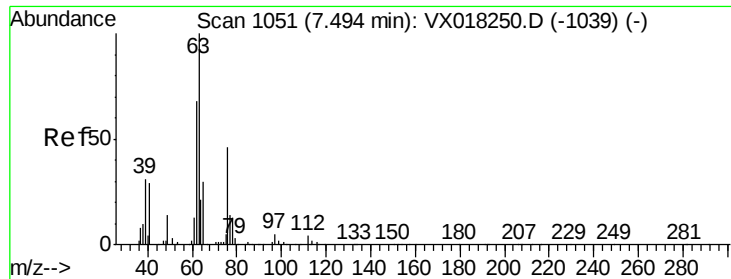
MMDadoda
 9/14/2020 12:09:47 PM



#38
 Methylcyclohexane
 Concen: 19.256 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion: 83 Resp: 126934
 Ion Ratio Lower Upper
 83 100
 55 80.0 41.1 123.4
 98 47.1 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.171 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion: 63 Resp: 90706

Ion Ratio Lower Upper

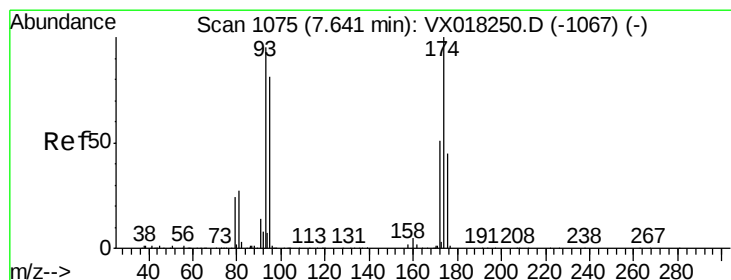
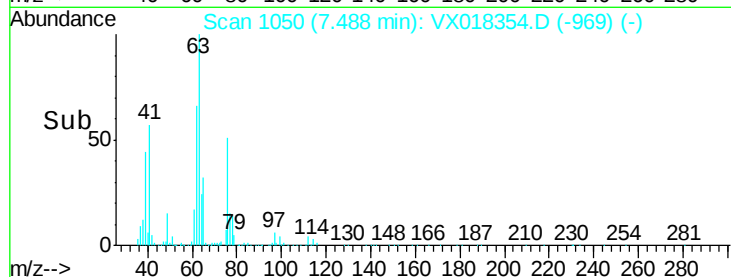
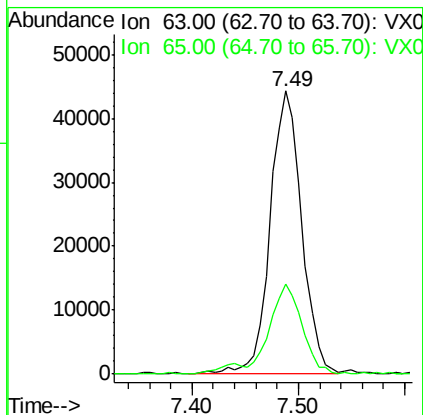
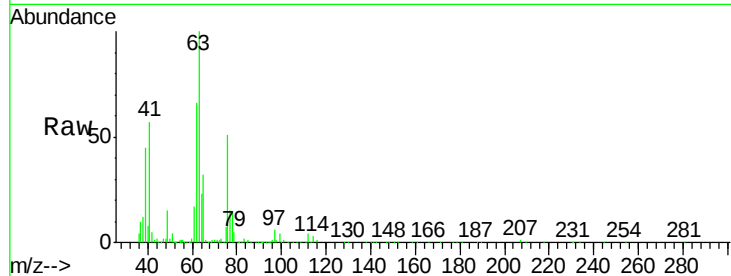
63 100

65 31.7 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#40

Dibromomethane

Concen: 18.580 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

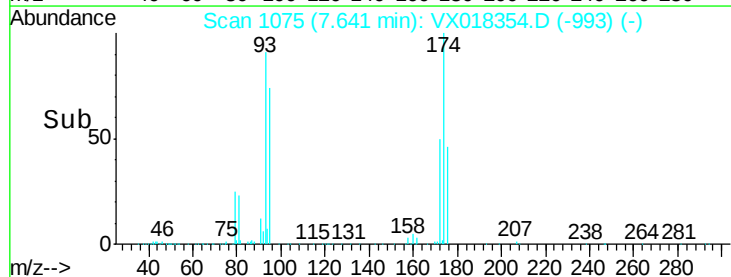
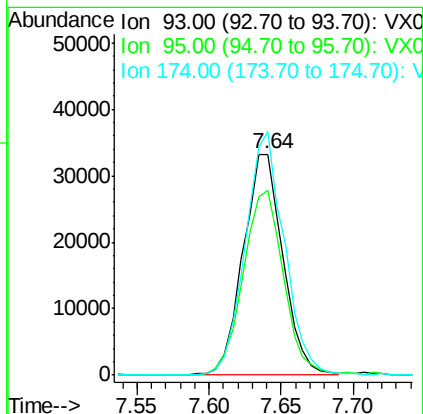
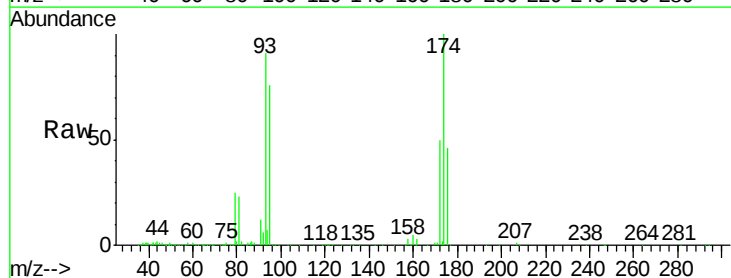
Tgt Ion: 93 Resp: 63483

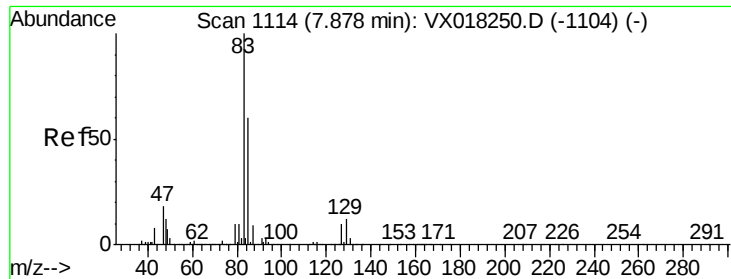
Ion Ratio Lower Upper

93 100

95 84.5 0.0 167.0

174 107.9 0.0 202.0





#41

Bromodichloromethane

Concen: 19.012 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

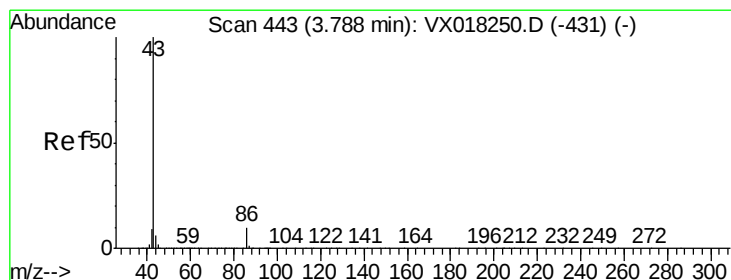
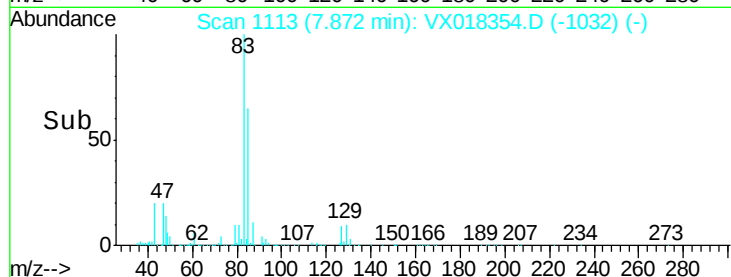
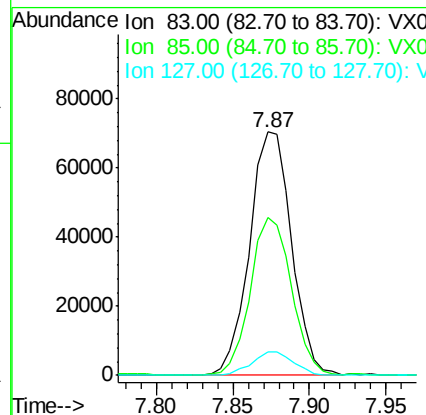
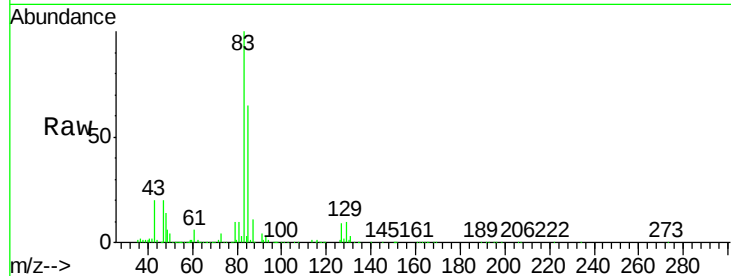
ClientSampleId :

VX0911WBS01

Tot Ion:	83	Resp:	134634
Ion Ratio	Lower	Upper	
83	100		
85	64.9	48.2	72.2
127	9.5	8.0	12.0

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#42

Vinyl Acetate

Concen: 95.030 ug/l

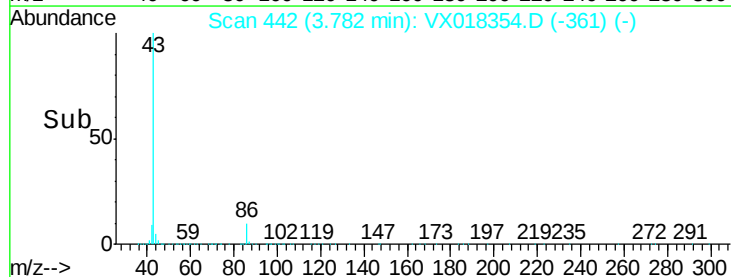
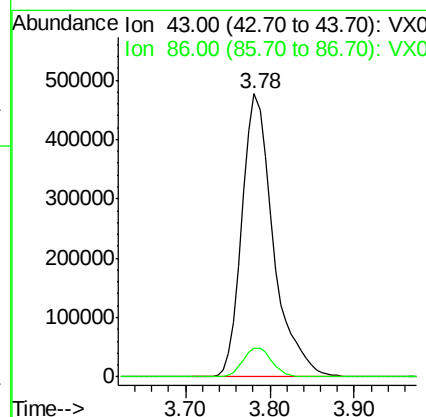
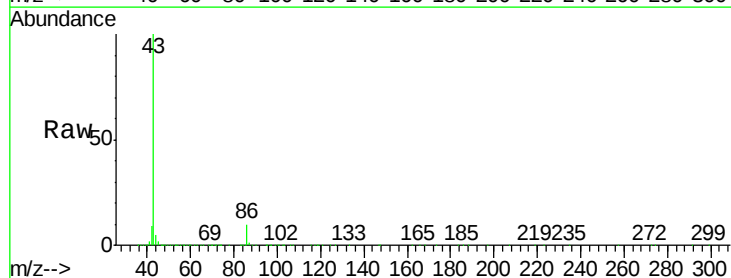
RT: 3.78 min Scan# 442

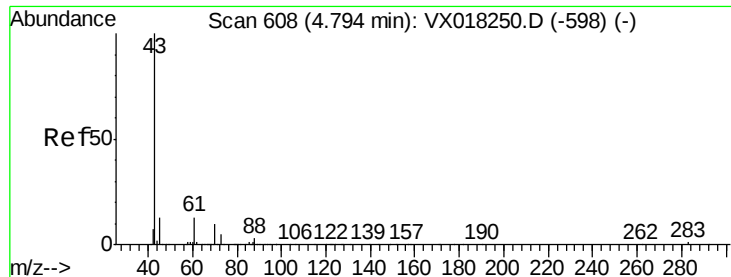
Delta R.T. -0.01 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	43	Resp:	1201405
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.2	10.8





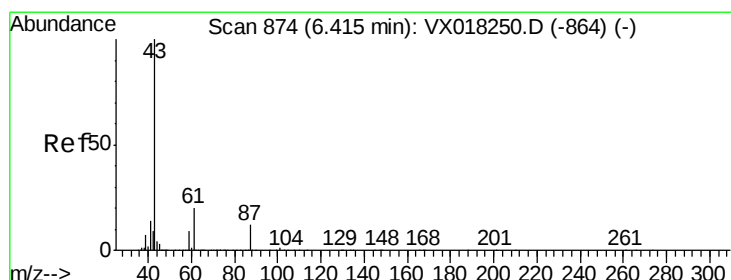
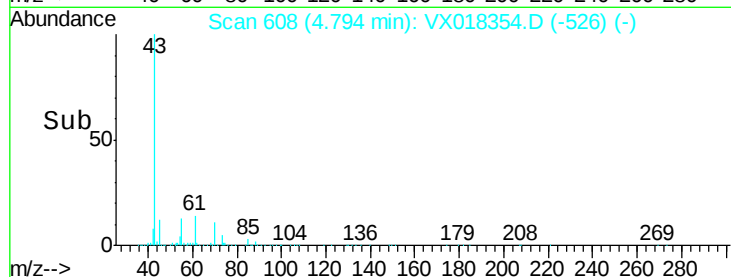
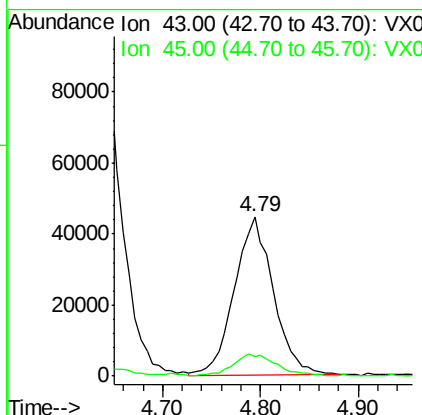
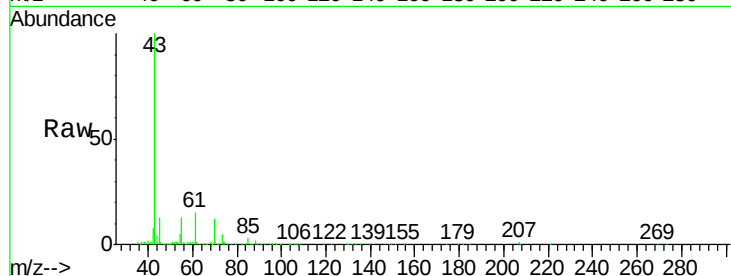
#43
Ethyl Acetate
Concen: 18.216 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	43	Resp	122743
Ion Ratio	Lower	Upper	
43	100		
45	14.8	11.2	16.8

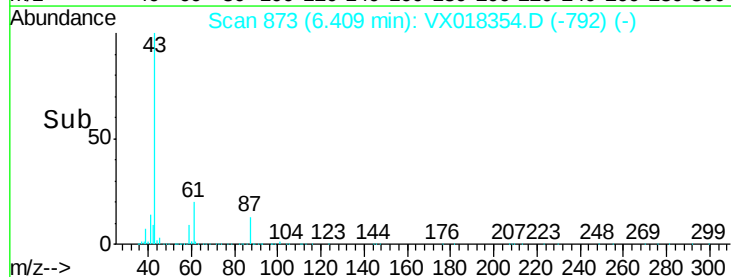
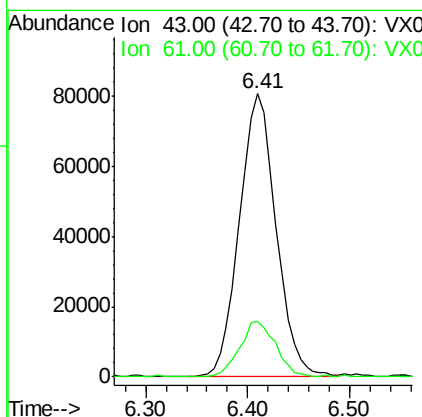
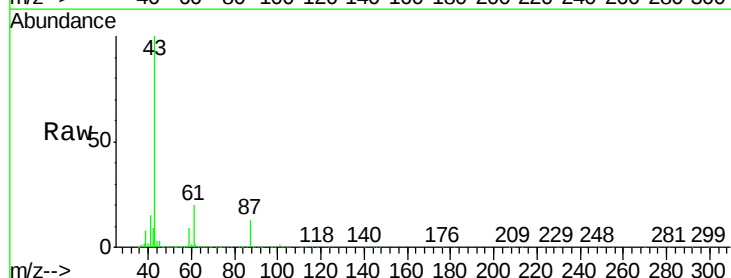
Manual Integrations
APPROVED

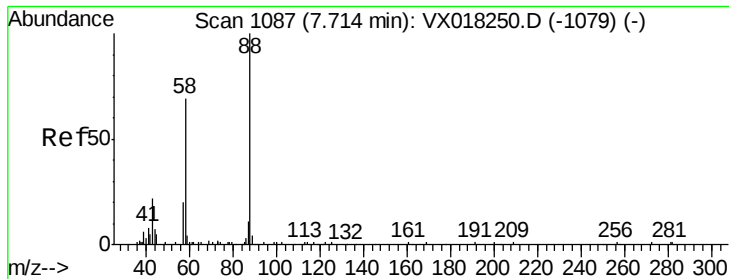
MMDadoda
9/14/2020 12:09:47 PM



#44
Isopropyl Acetate
Concen: 18.481 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	43	Resp	200681
Ion Ratio	Lower	Upper	
43	100		
61	19.6	14.6	22.0





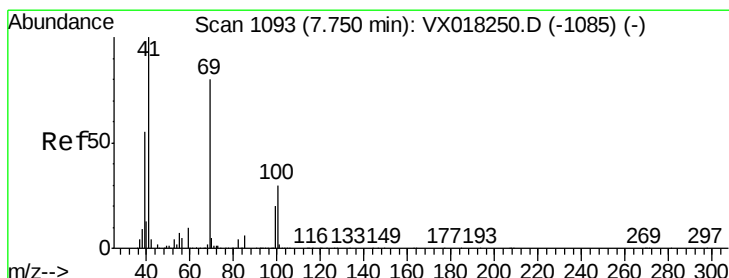
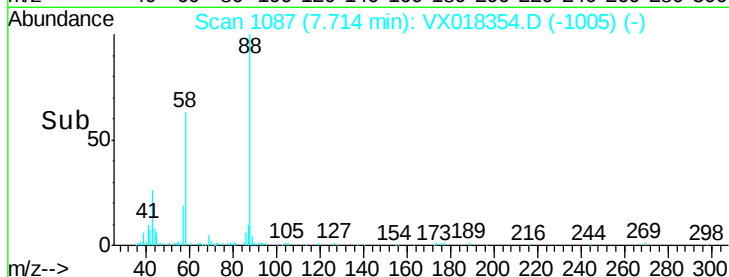
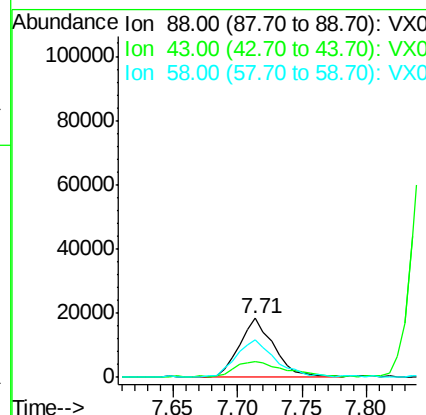
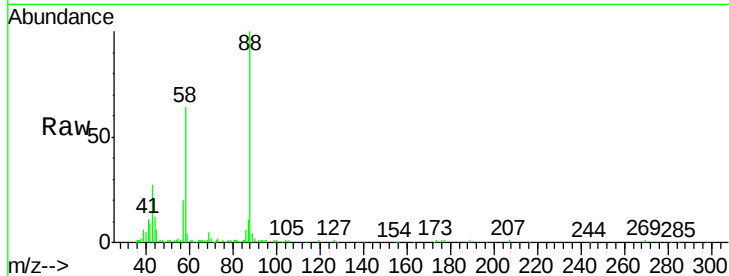
#45
1,4-Dioxane
Concen: 384.270 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.1	13.6	20.4#
58	70.0	58.2	87.4

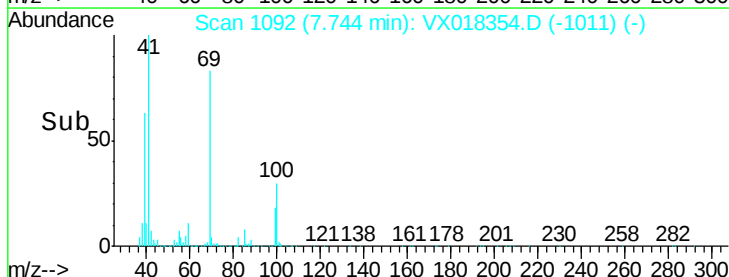
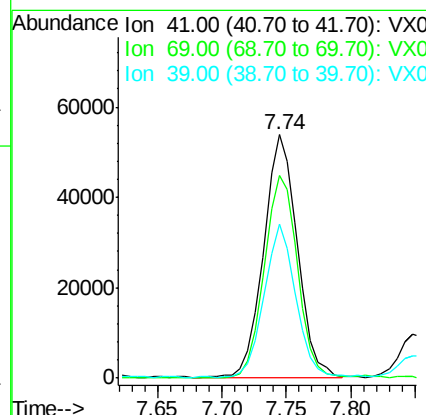
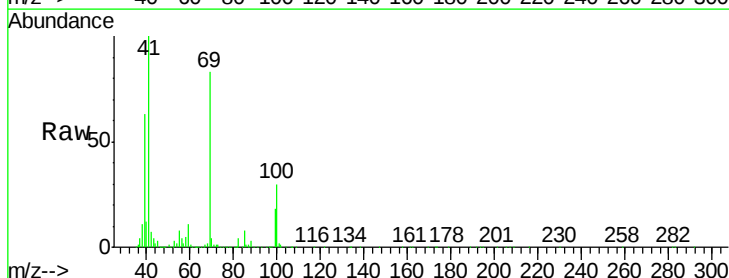
Manual Integrations
APPROVED

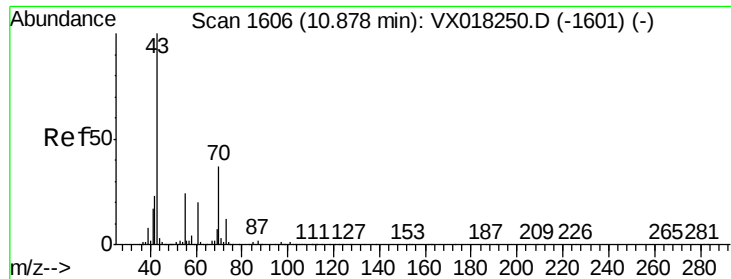
MMDadoda
9/14/2020 12:09:47 PM



#46
Methyl methacrylate
Concen: 18.126 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	83.4	40.3	120.8
39	63.0	27.3	81.9





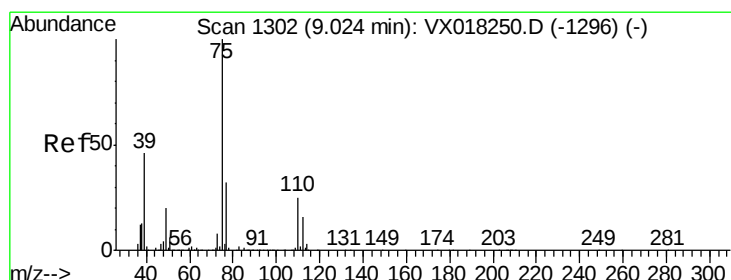
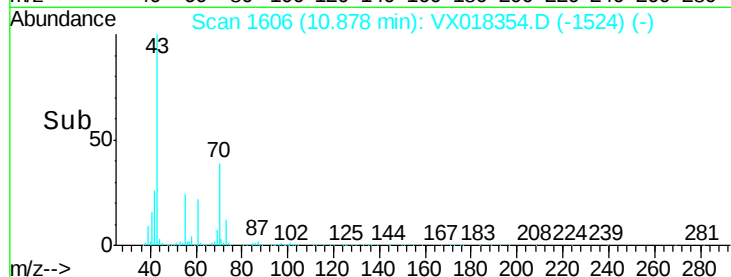
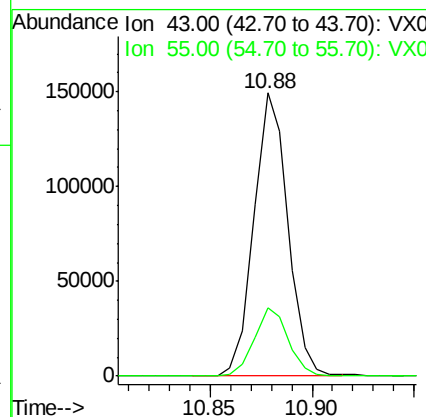
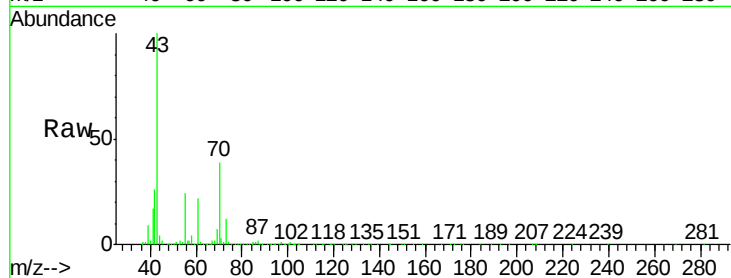
#47
n-amvl Acetate
Concen: 18.169 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	43	Resp	173366
Ion Ratio	100	Lower	Upper
43	100	18.9	28.3
55	23.5		

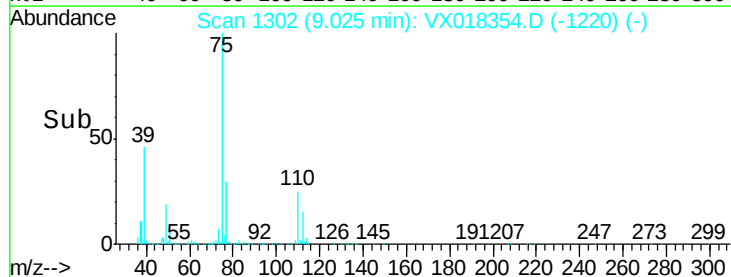
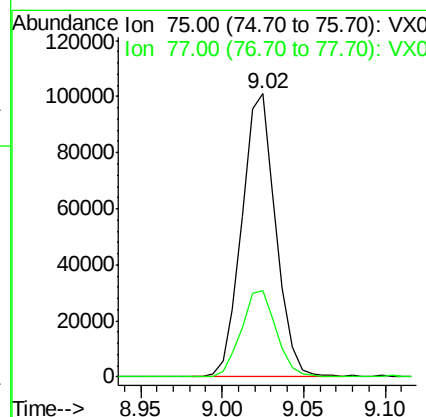
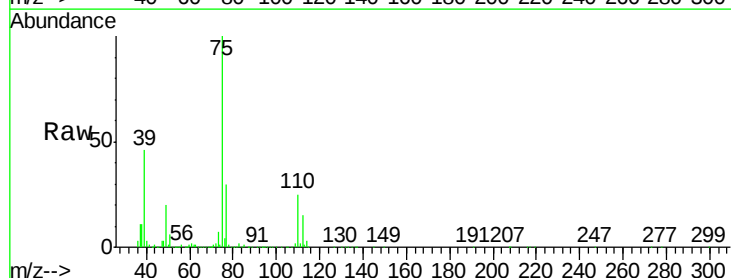
Manual Integrations
APPROVED

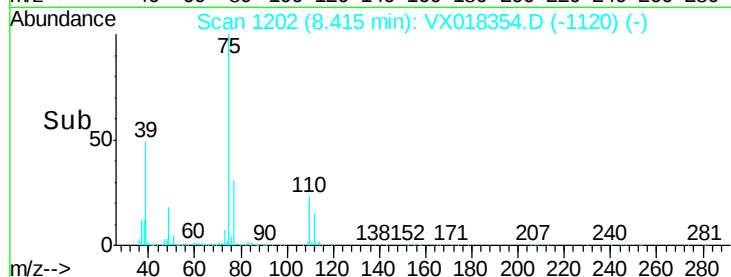
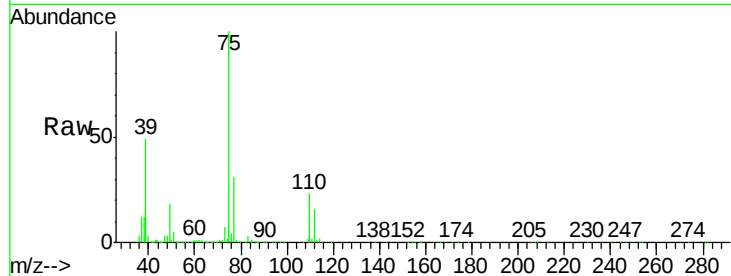
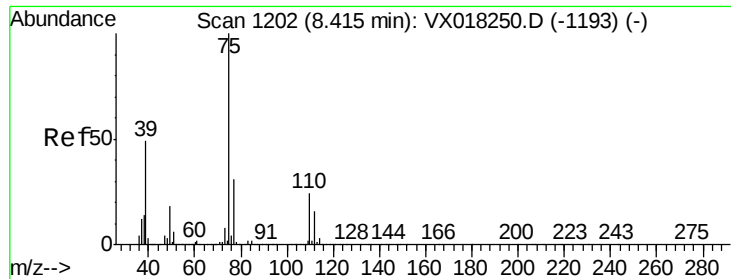
MMDadoda
9/14/2020 12:09:47 PM



#48
t-1,3-Dichloropropene
Concen: 19.201 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	75	Resp	146057
Ion Ratio	100	Lower	Upper
75	100	25.4	38.2
77	30.3		





#49

cis-1,3-Dichloropropene

Concen: 18.925 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tot Ion:	75	Resp:	151228
Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.7	37.1
39	48.8	39.6	59.4

Instrument :

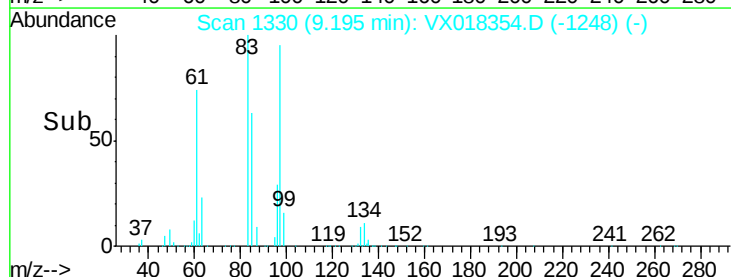
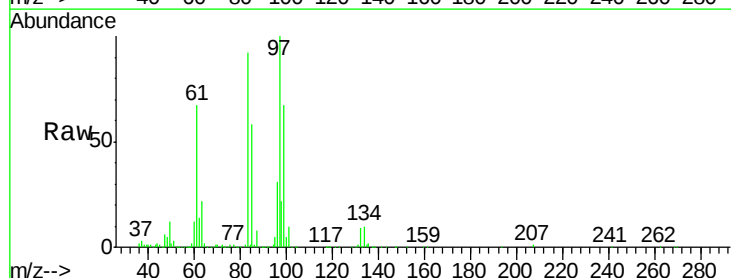
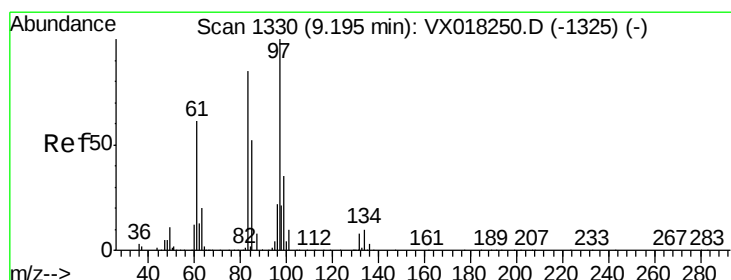
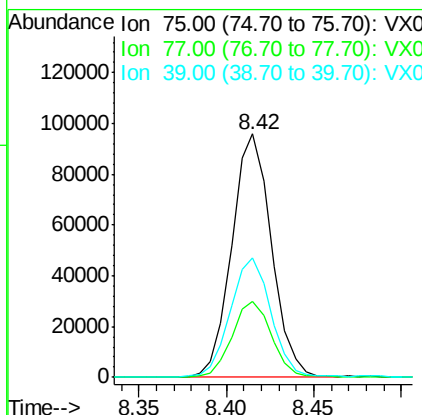
MSVOA_X

ClientSampleId :

VX0911WBS01

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#50

1,1,2-Trichloroethane

Concen: 18.854 ug/l

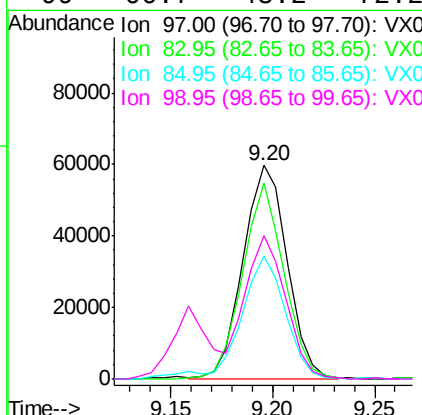
RT: 9.20 min Scan# 1330

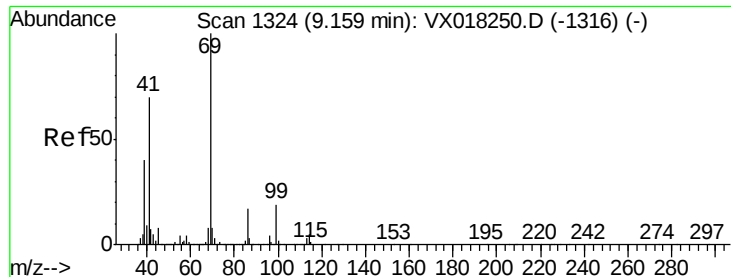
Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	97	Resp:	89768
Ion	Ratio	Lower	Upper
97	100		
83	91.6	68.1	102.1
85	57.0	42.6	64.0
99	66.7	48.2	72.2





#51

Ethyl methacrylate

Concen: 18.500 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

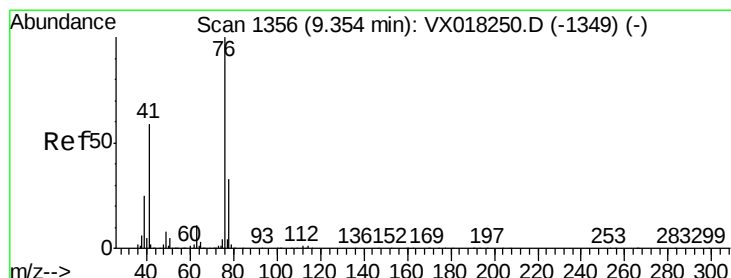
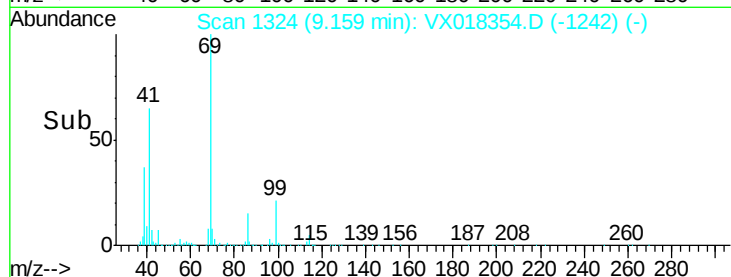
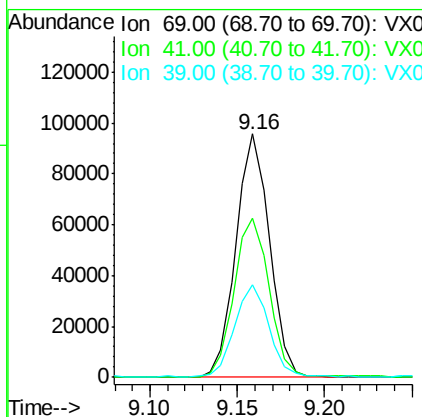
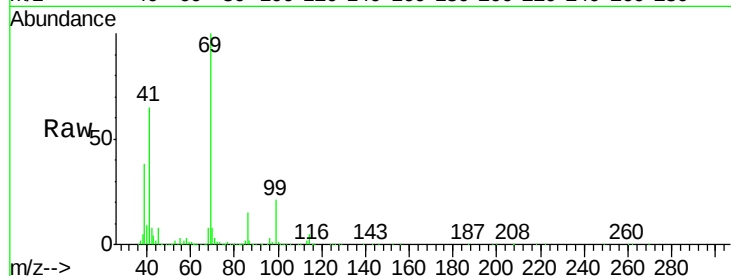
ClientSampleId :

VX0911WBS01

Tot Ion:	69	Resp:	127593
Ion Ratio	Lower	Upper	
69	100		
41	65.0	34.9	104.7
39	37.9	19.8	59.3

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#52

1,3-Dichloropropane

Concen: 18.765 ug/l

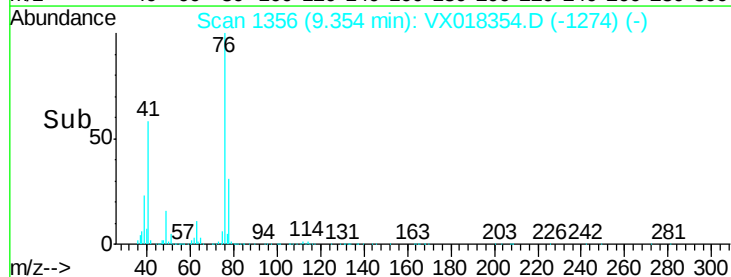
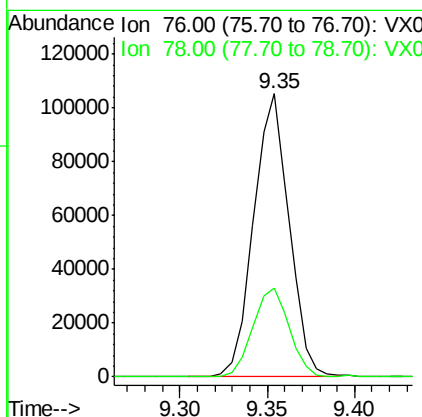
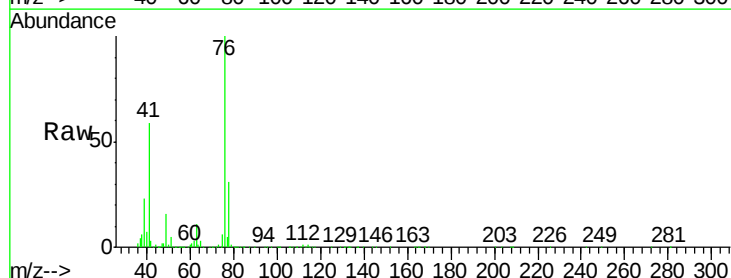
RT: 9.35 min Scan# 1356

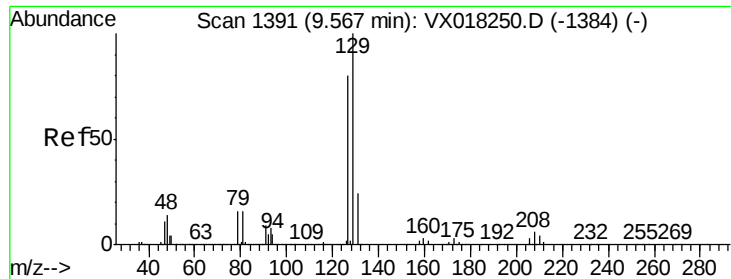
Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	76	Resp:	148290
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	62.2





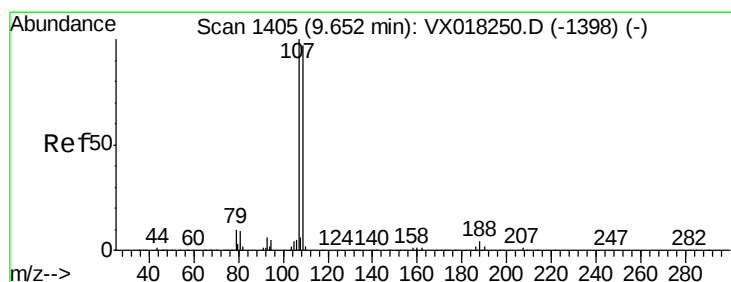
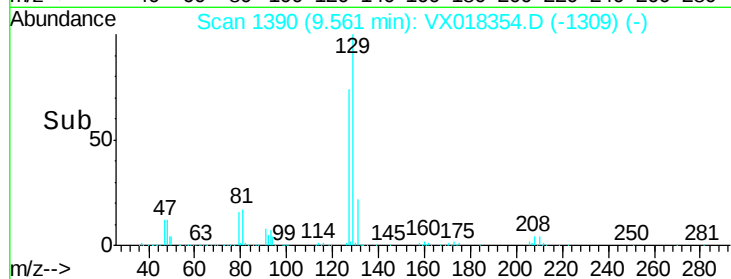
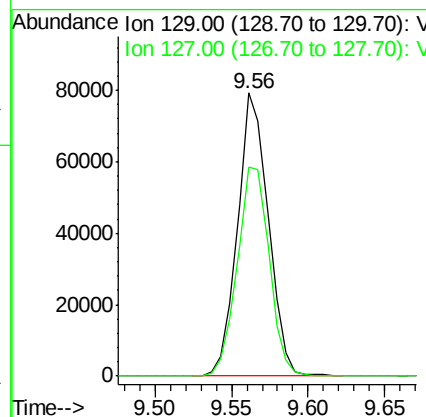
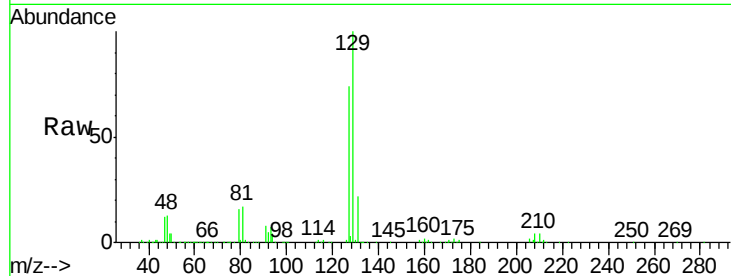
#53
Dibromochloromethane
Concen: 18.693 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		110660		
127	76.7	38.9	116.6		

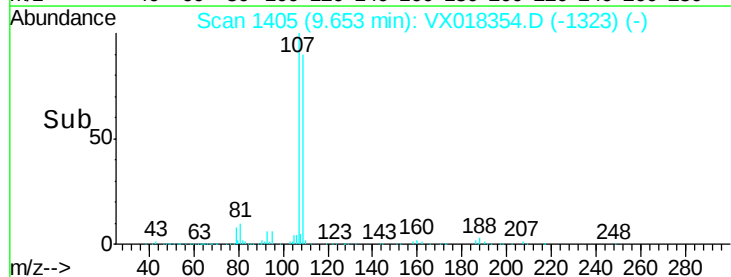
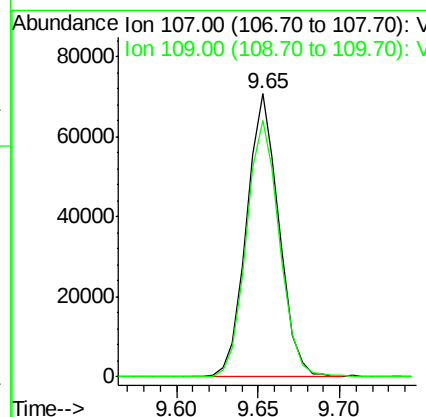
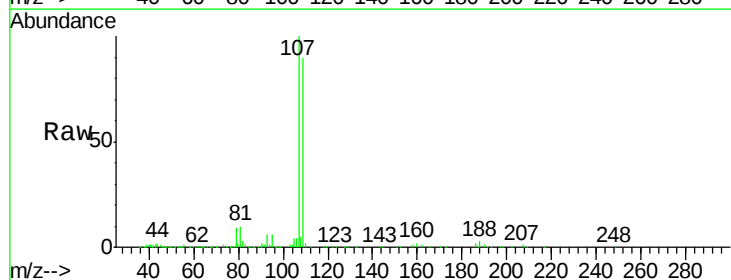
Manual Integrations
APPROVED

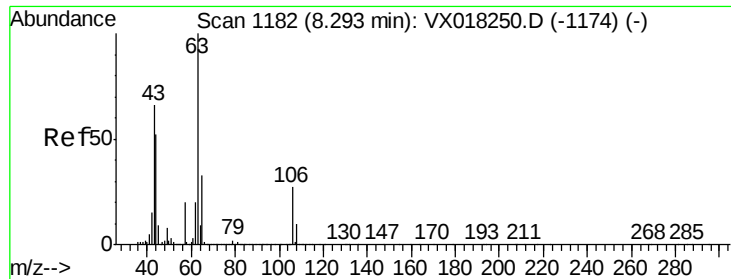
MMDadoda
9/14/2020 12:09:47 PM



#54
1,2-Dibromoethane
Concen: 18.701 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		97677		
109	92.8	77.8	116.6		





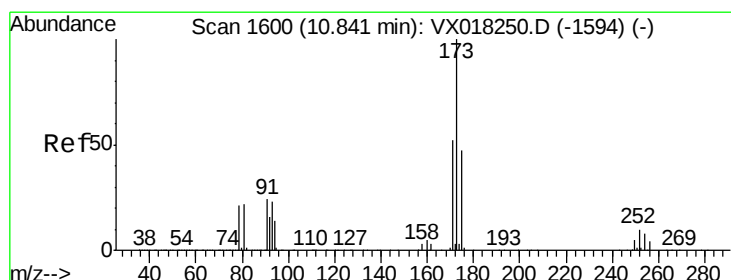
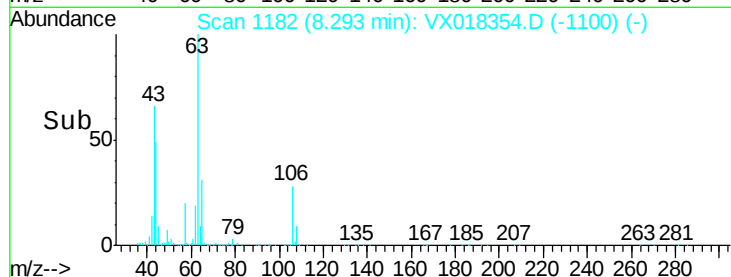
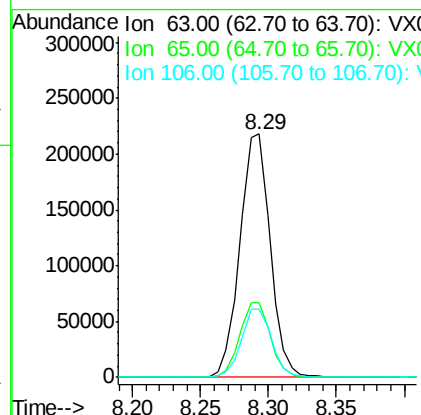
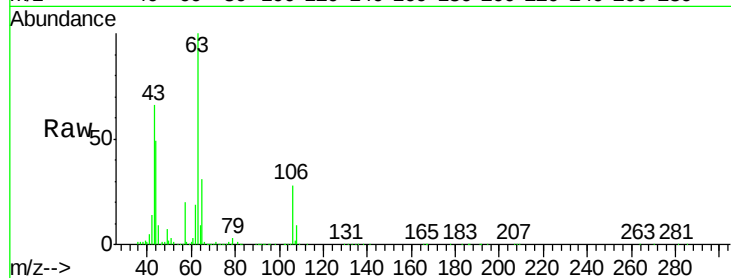
#55
2-Chloroethyl vinyl ether
Concen: 94.013 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.0	26.0	39.0
106	28.2	22.3	33.5

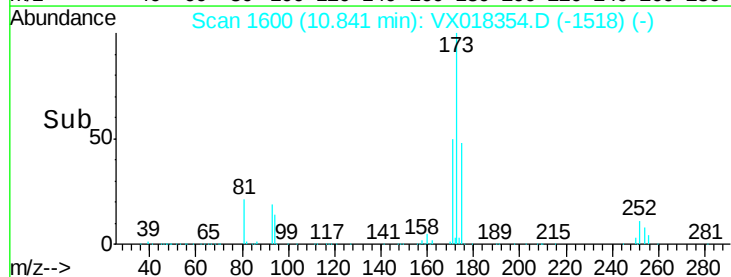
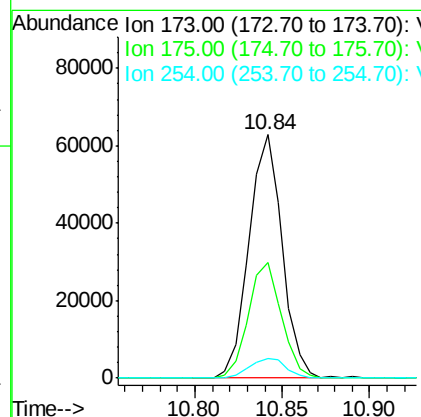
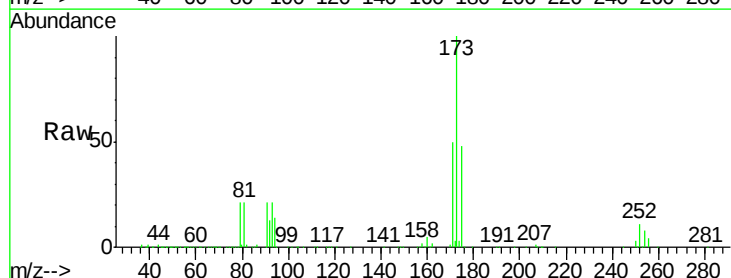
Manual Integrations
APPROVED

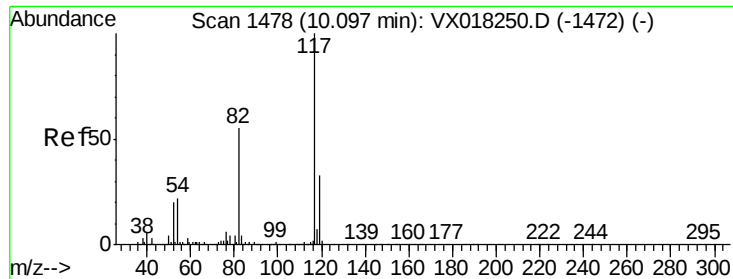
MMDadoda
9/14/2020 12:09:47 PM



#56
Bromoform
Concen: 18.442 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.8	40.2	60.2
254	9.0	7.3	10.9





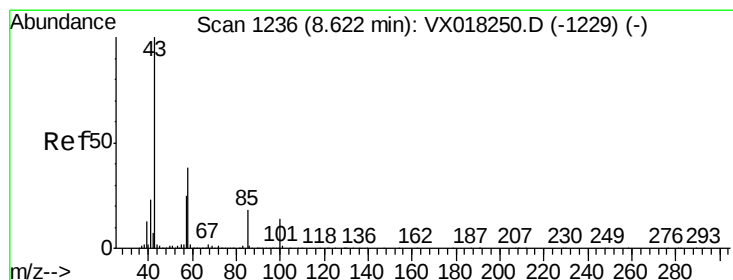
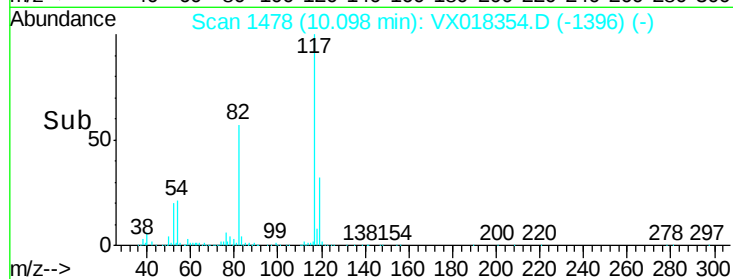
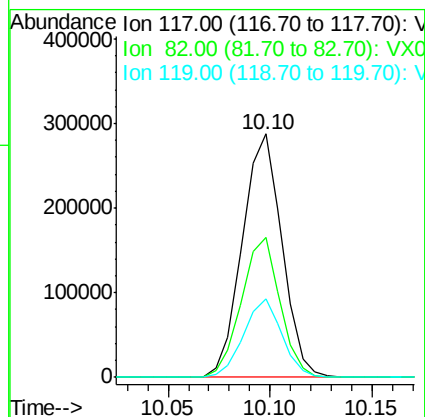
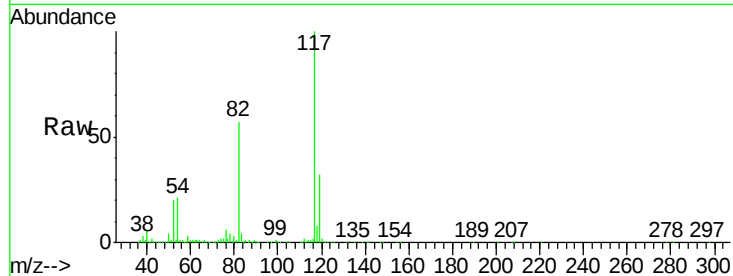
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion:	117	Resp:	387569
Ion Ratio	Lower	Upper	
117	100		
82	56.3	44.2	66.4
119	31.2	26.1	39.1

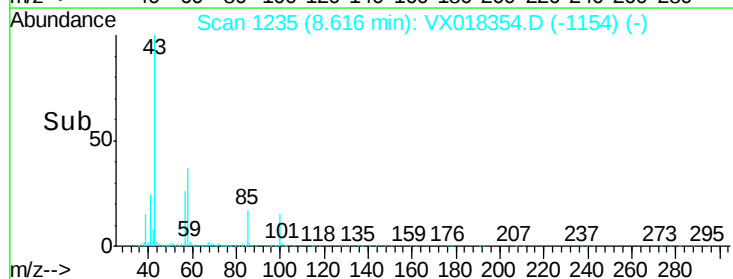
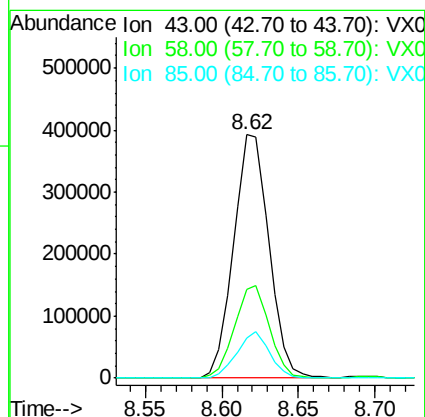
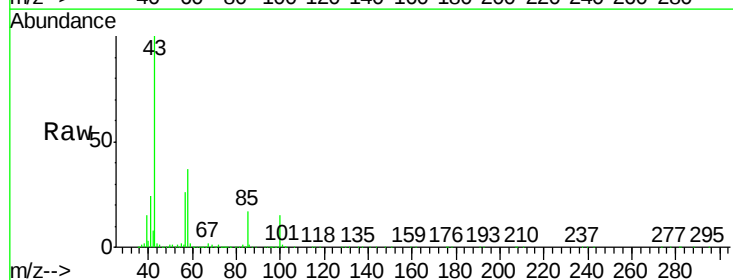
Manual Integrations
APPROVED

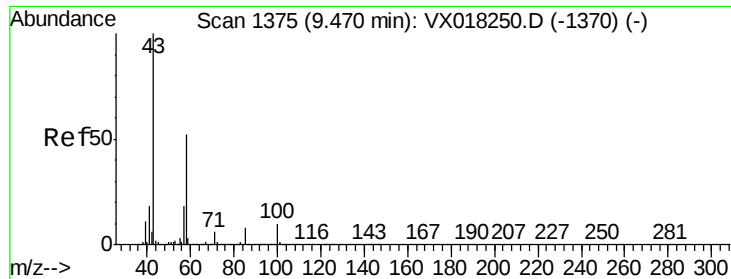
MMDadoda
9/14/2020 12:09:47 PM



#58
4-Methyl-2-Pentanone
Concen: 94.477 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion:	43	Resp:	629793
Ion Ratio	Lower	Upper	
43	100		
58	37.6	30.0	45.0
85	17.8	14.2	21.4





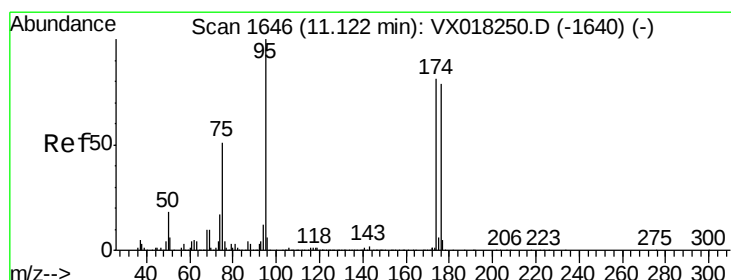
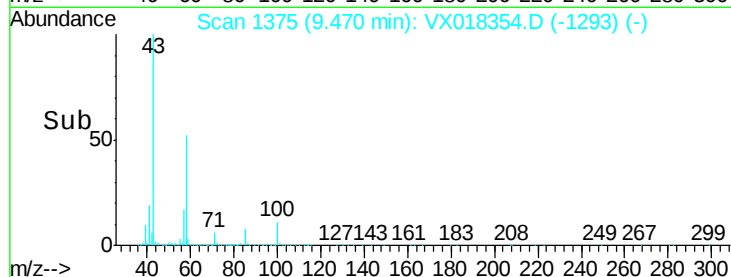
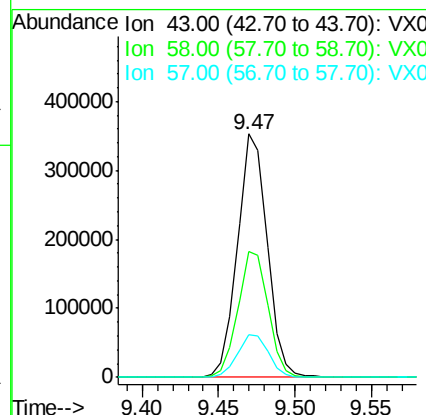
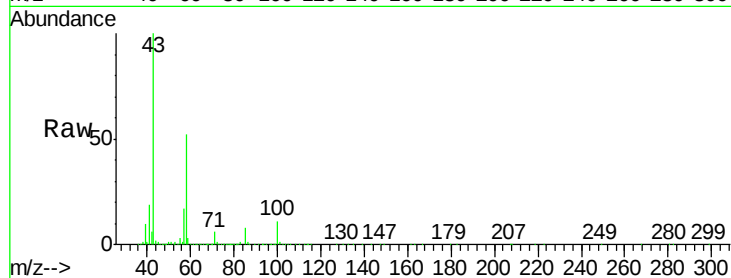
#59
2-Hexanone
Concen: 94.202 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.5	63.7
57	18.2	14.8	22.2

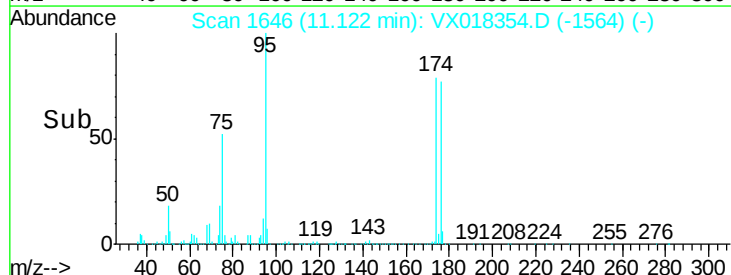
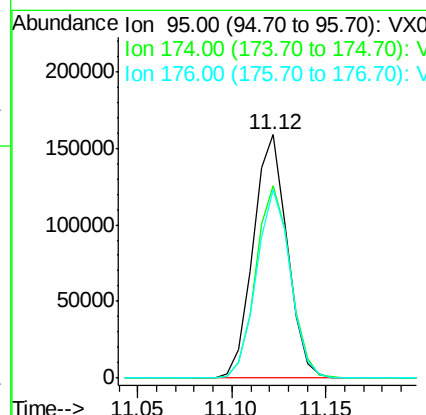
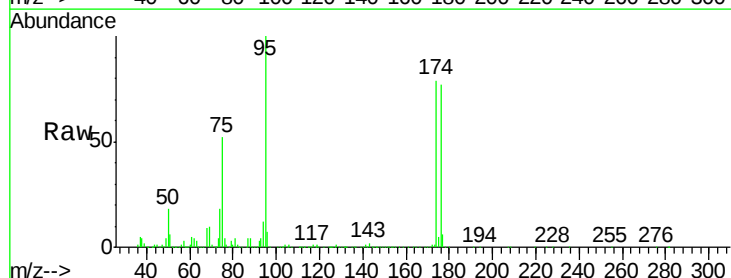
Manual Integrations
APPROVED

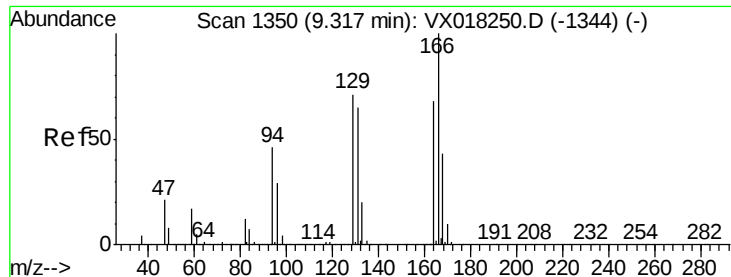
MMDadoda
9/14/2020 12:09:47 PM



#60
4-Bromofluorobenzene
Concen: 29.649 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.7	64.2	96.4
176	77.2	62.2	93.4





#61

Tetrachloroethene

Concen: 19.672 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion:164 Resp: 95090

Ion Ratio Lower Upper

164 100

166 120.9 117.4 176.0

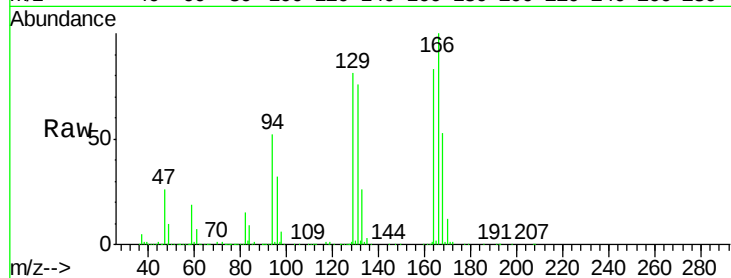
129 97.7 82.7 124.1

131 91.6 76.7 115.1

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:09:47 PM

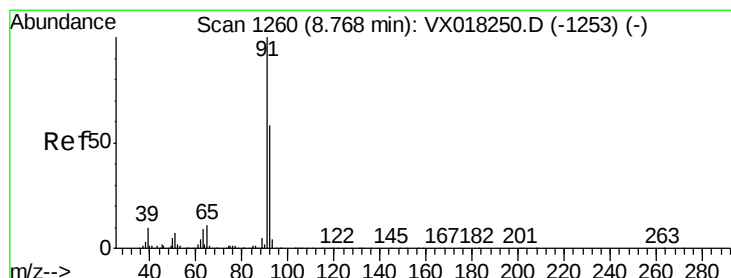
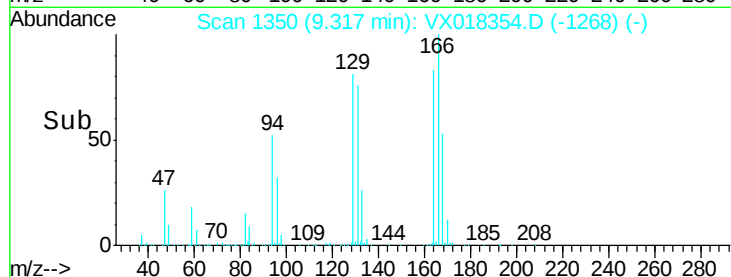
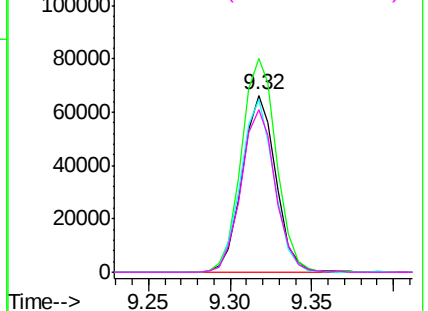


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.937 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018354.D

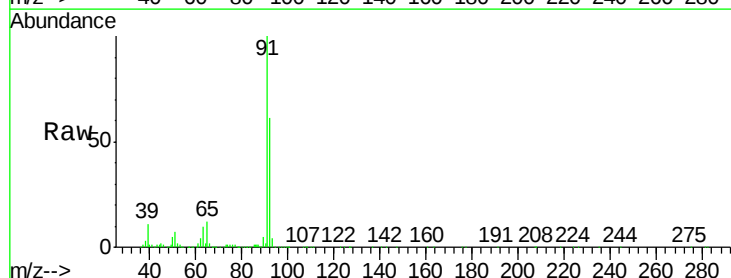
Acq: 11 Sep 2020 12:09

Tgt Ion: 91 Resp: 369373

Ion Ratio Lower Upper

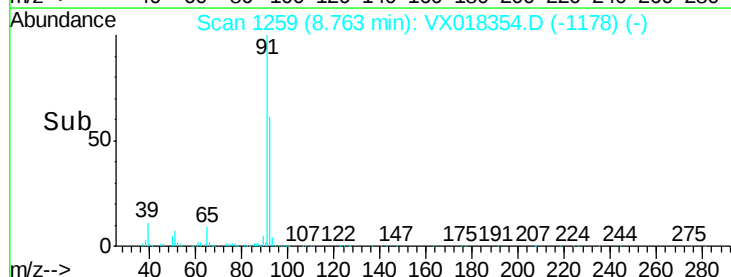
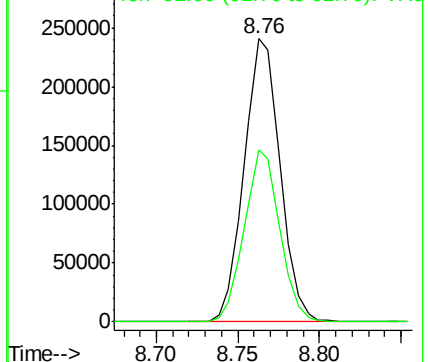
91 100

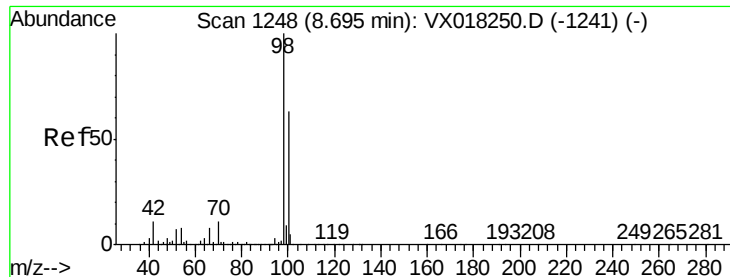
92 60.1 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.420 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion: 98 Resp: 502563

Ion Ratio Lower Upper

98 100

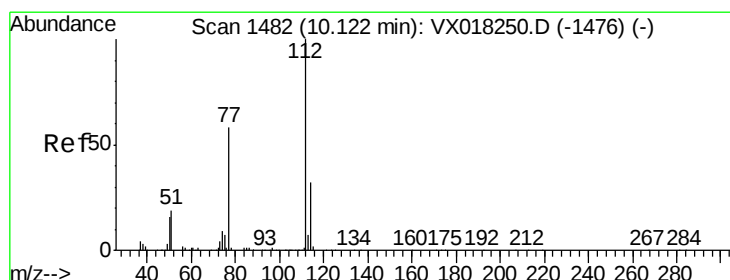
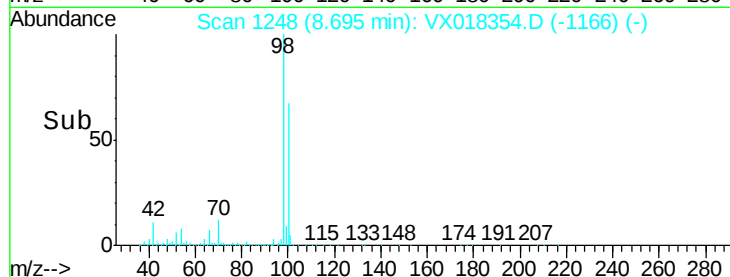
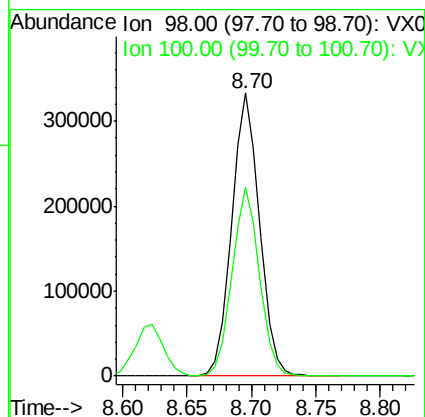
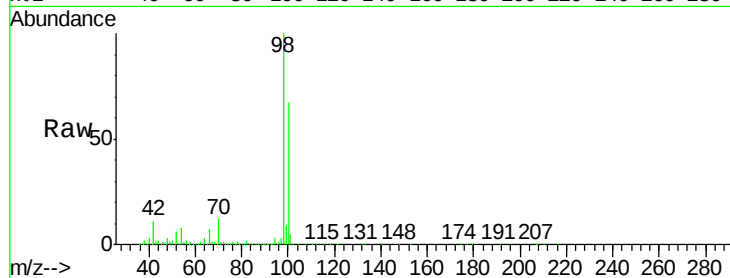
100 65.4 51.4 77.0

Manual Integrations

APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#64

Chlorobenzene

Concen: 18.967 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018354.D

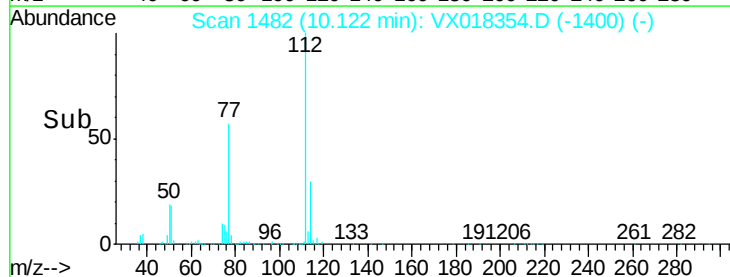
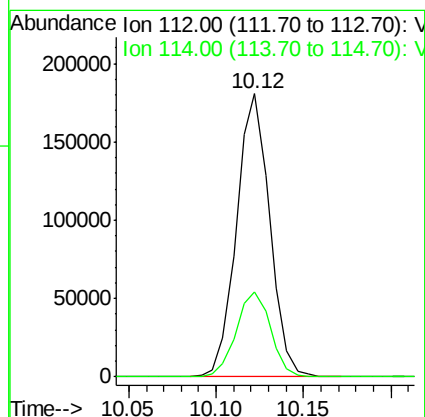
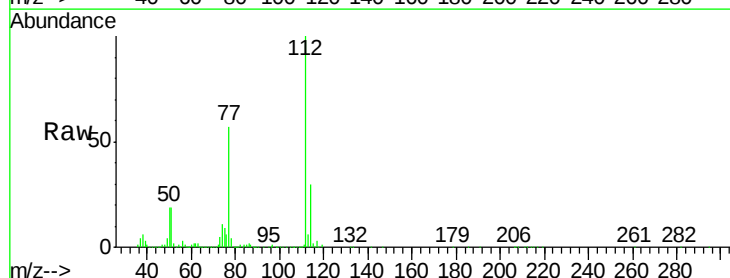
Acq: 11 Sep 2020 12:09

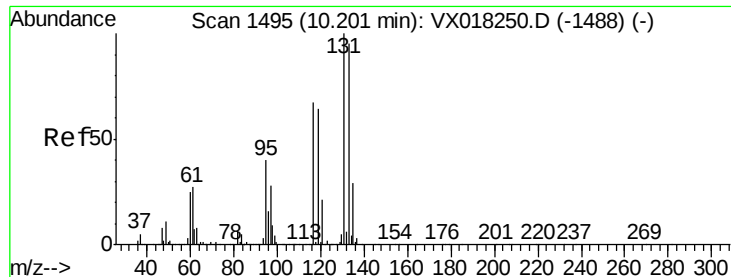
Tgt Ion: 112 Resp: 237737

Ion Ratio Lower Upper

112 100

114 29.8 25.8 38.8





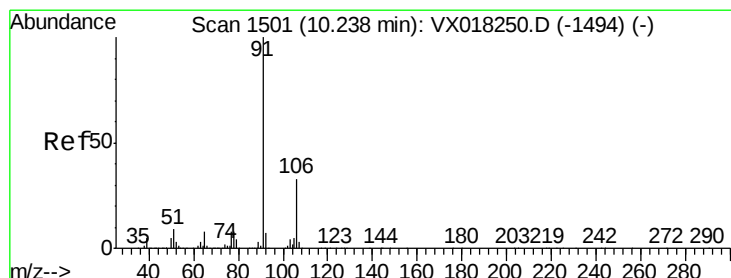
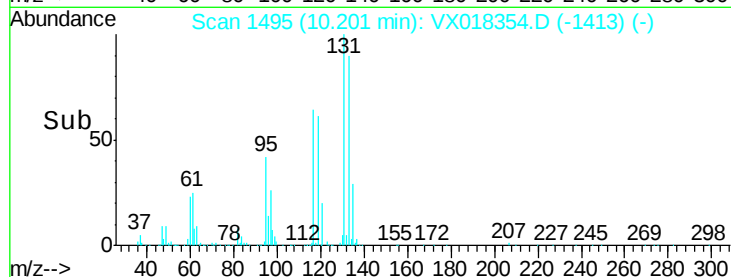
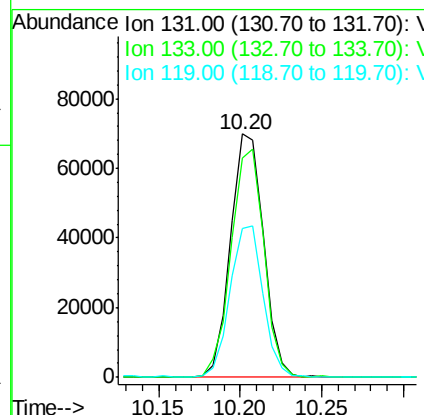
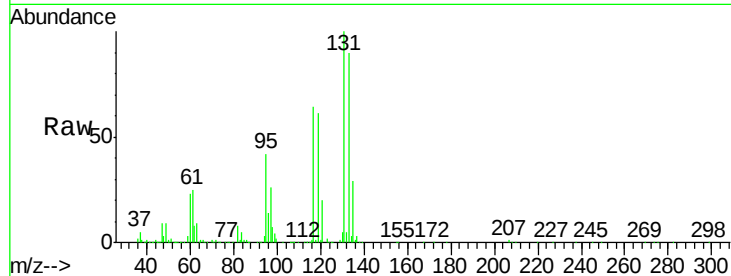
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.442 ug/l
 RT: 10.20 min Scan# 1495
 Delta R.T. 0.00 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
131	100	98695		
133	93.3	0.0	197.2	
119	62.0	0.0	129.8	

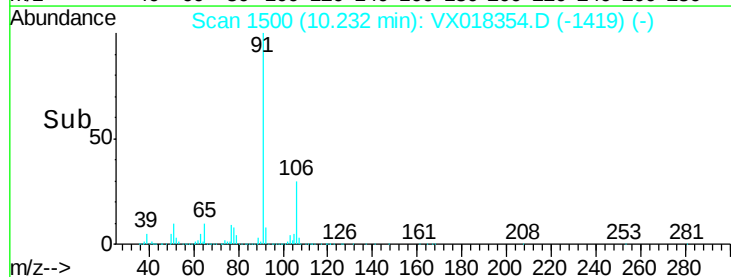
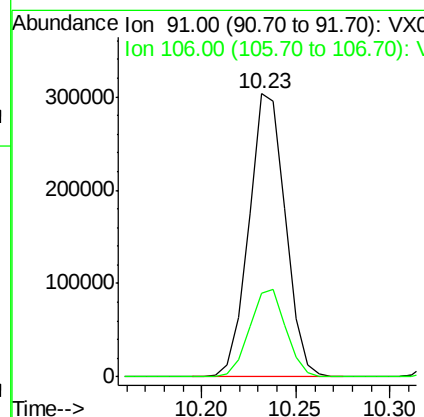
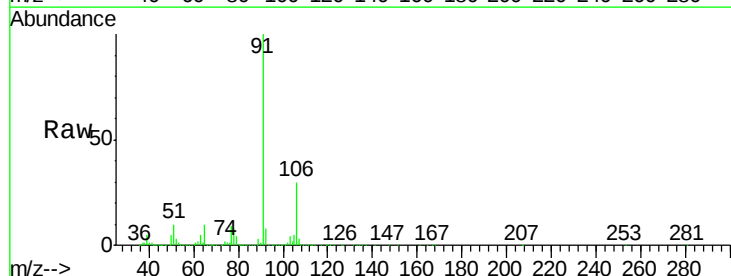
Manual Integrations
 APPROVED

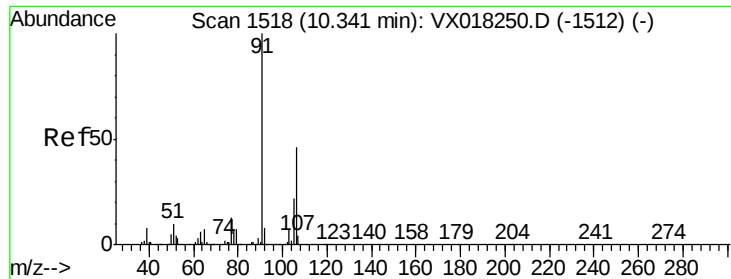
MMDadoda
 9/14/2020 12:09:47 PM



#66
 Ethyl Benzene
 Concen: 18.848 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	406205		
106	29.5	26.3	39.5	





#67

m/p-Xylenes

Concen: 38.218 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion:106 Resp: 314993

Ion Ratio Lower Upper

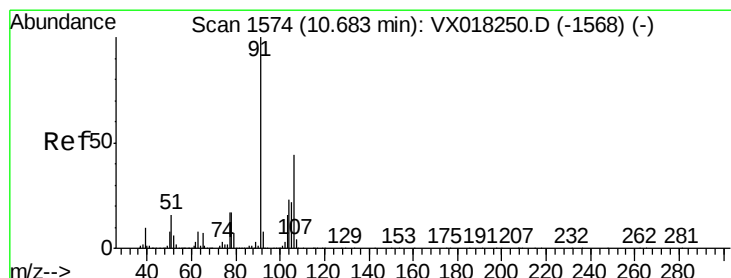
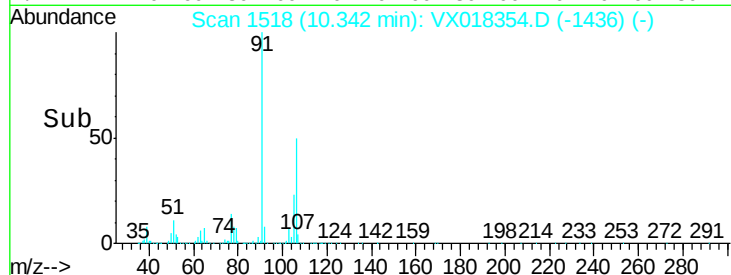
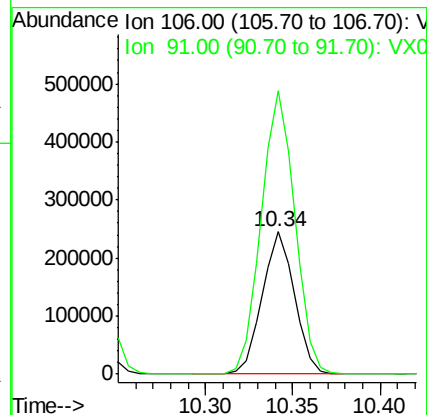
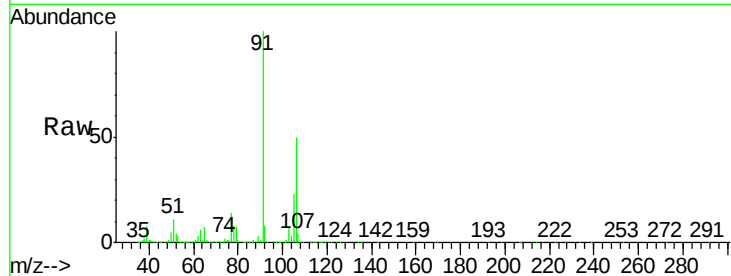
106 100

91 206.7 166.2 249.2

Manual Integrations
APPROVED

MMDadoda

9/14/2020 12:09:47 PM



#68

o-Xylene

Concen: 18.957 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018354.D

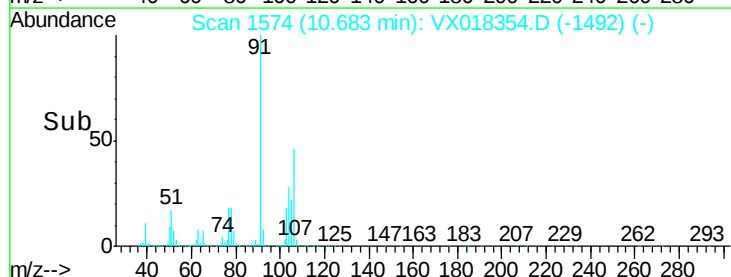
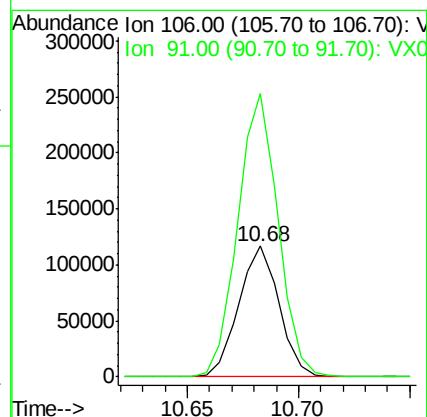
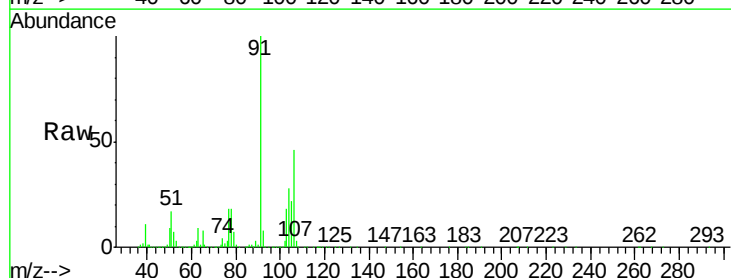
Acq: 11 Sep 2020 12:09

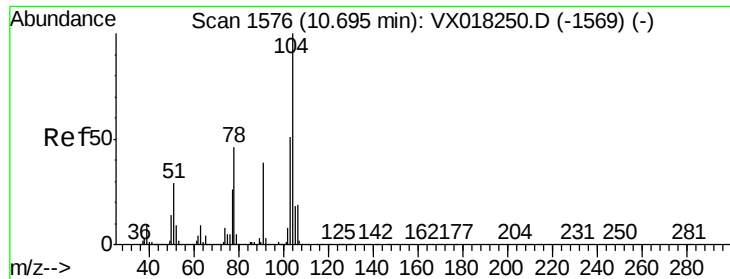
Tgt Ion:106 Resp: 147635

Ion Ratio Lower Upper

106 100

91 216.2 109.2 327.6





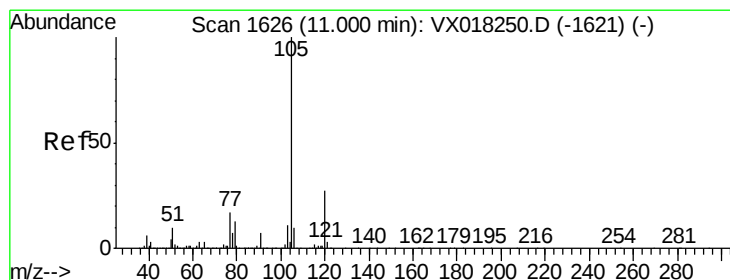
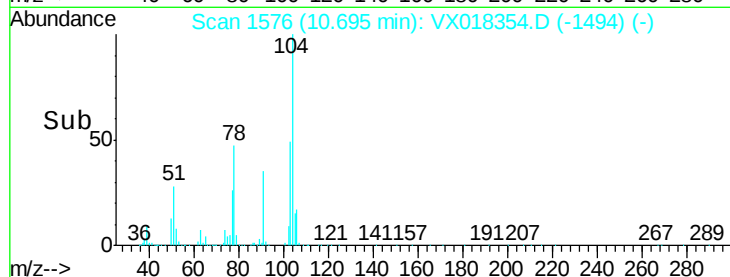
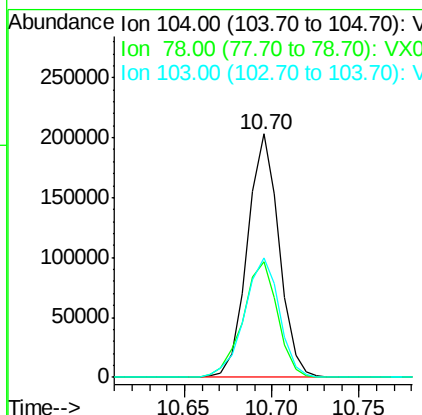
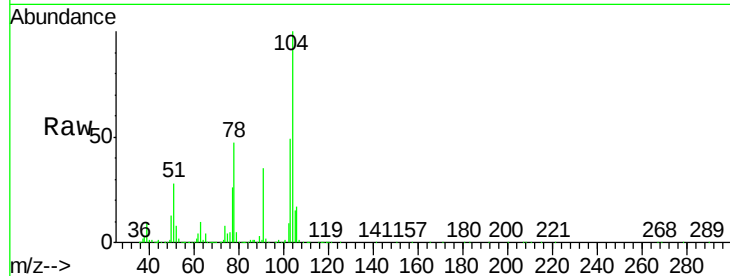
#69
Stvrene
Concen: 18.807 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	255532		
78	51.9	41.7	62.5	
103	54.6	44.2	66.2	

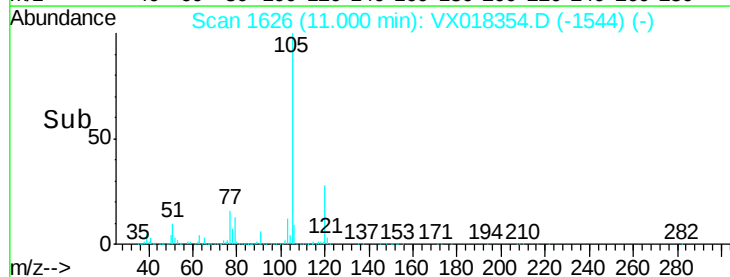
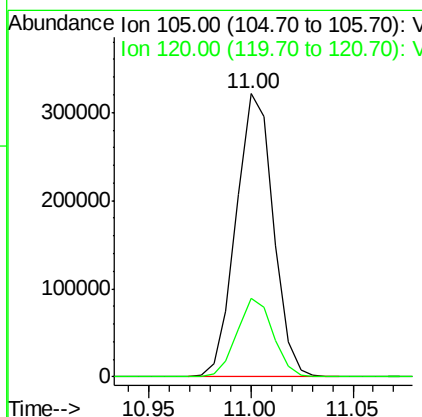
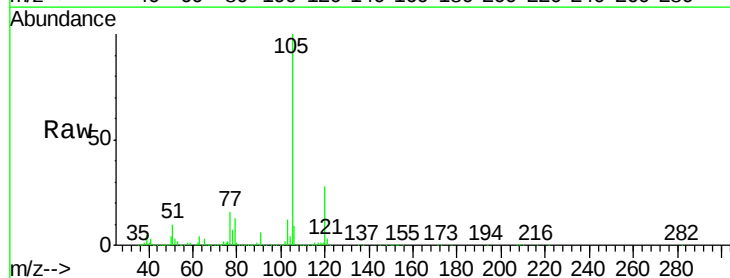
Manual Integrations
APPROVED

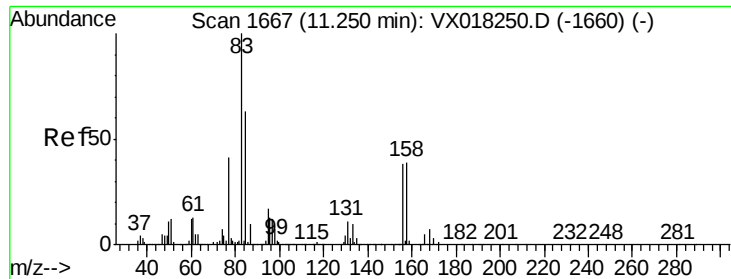
MMDadoda
9/14/2020 12:09:47 PM



#70
Isopropylbenzene
Concen: 18.773 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	406585		
120	27.0	18.7	34.7	





#71

1,1,2,2-Tetrachloroethane

Concen: 18.742 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

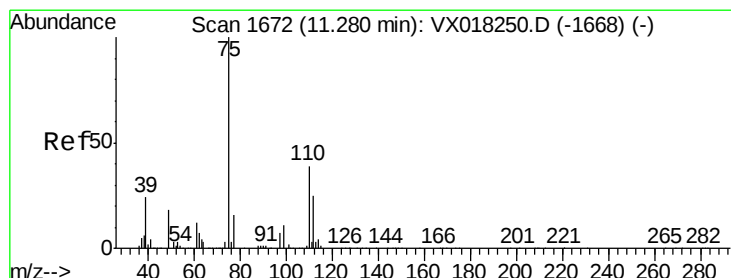
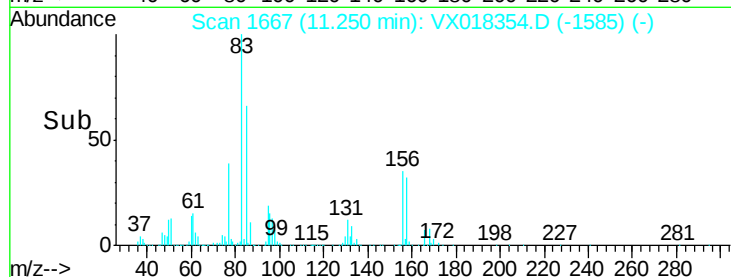
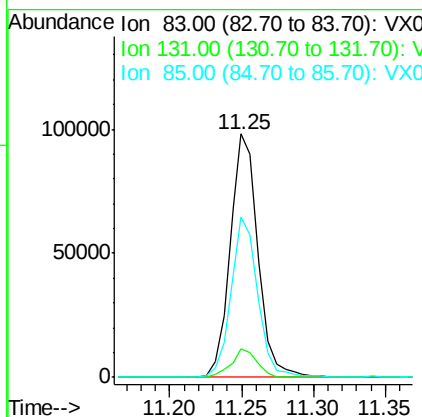
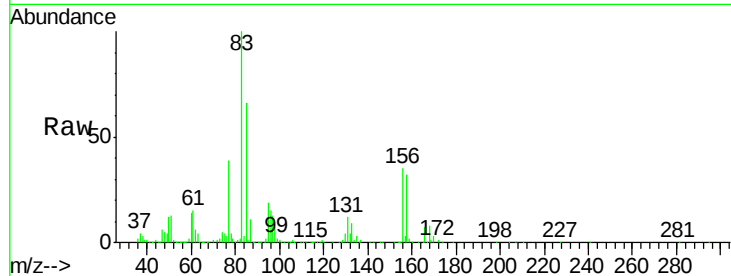
ClientSampleId :

VX0911WBS01

Tot Ion:	83	Resp:	132645
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.8	17.3
85	62.7	31.3	93.9

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#72

1,2,3-Trichloropropane

Concen: 19.157 ug/l m

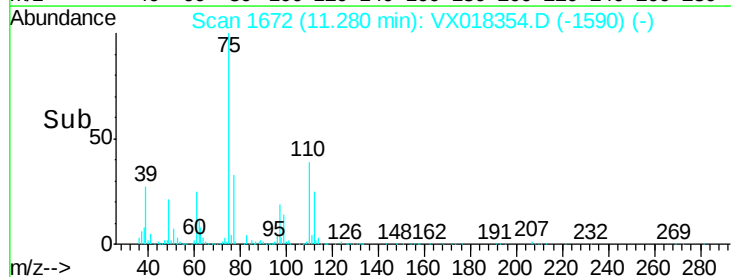
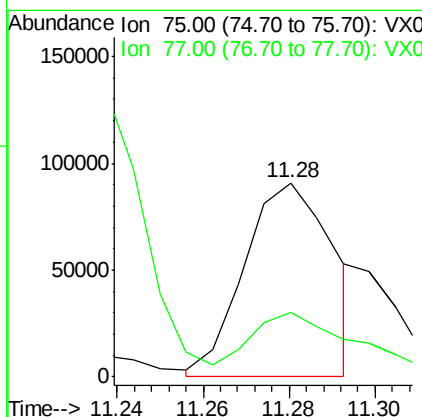
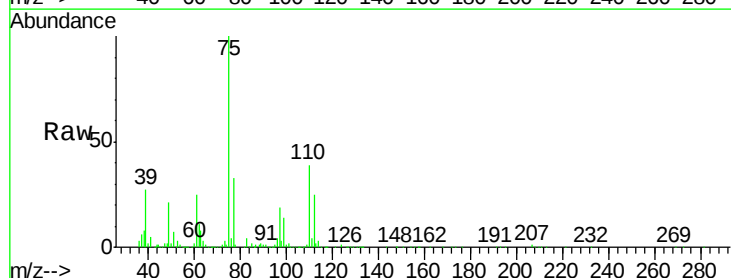
RT: 11.28 min Scan# 1672

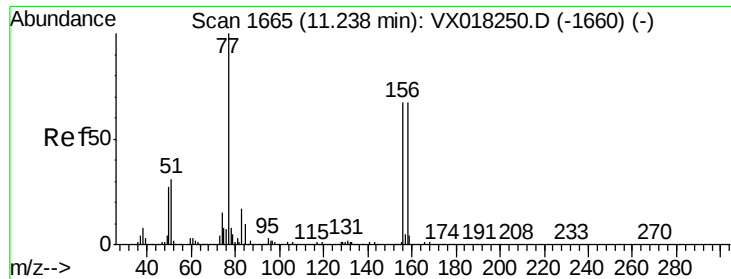
Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	75	Resp:	130264
Ion Ratio	Lower	Upper	
75	100		
77	39.8	0.0	74.8





#73

Bromobenzene

Concen: 19.284 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

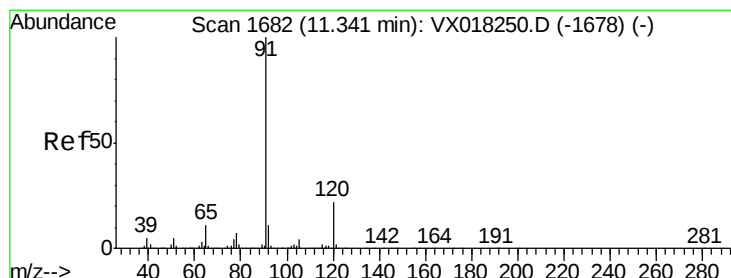
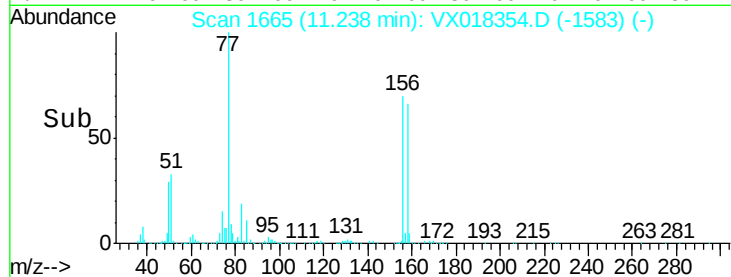
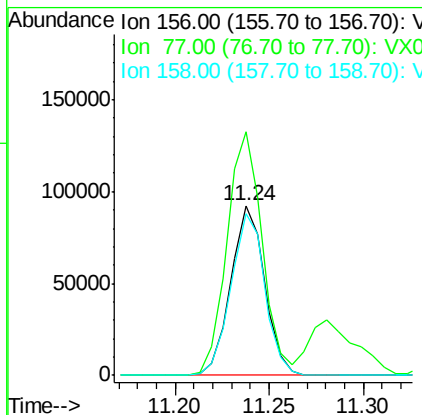
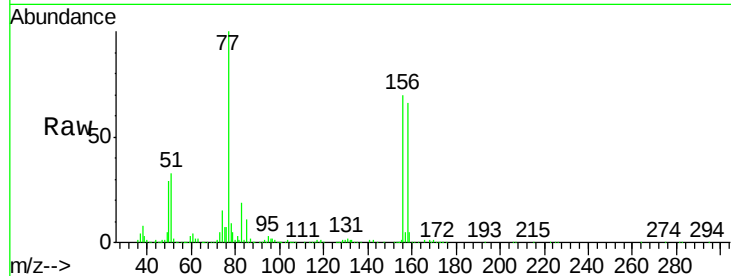
ClientSampleId :

VX0911WBS01

Tot Ion:	156	Resp:	114414
Ion Ratio	Lower	Upper	
156	100		
77	149.6	0.0	311.0
158	95.8	0.0	194.4

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#74

n-propylbenzene

Concen: 18.811 ug/l

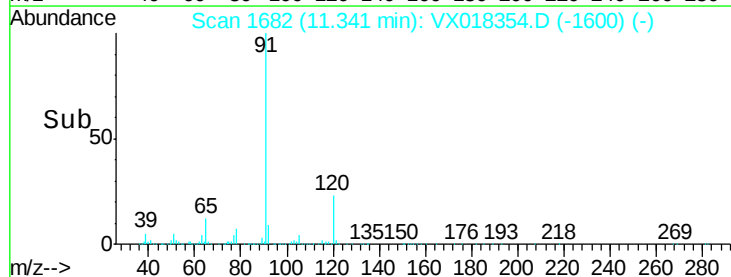
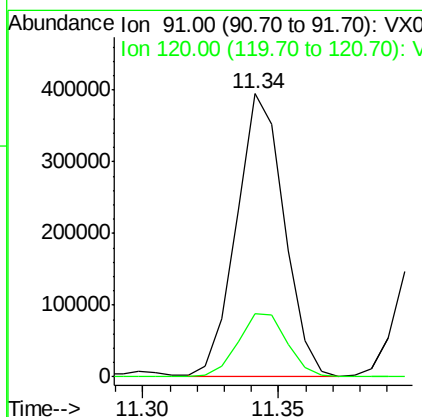
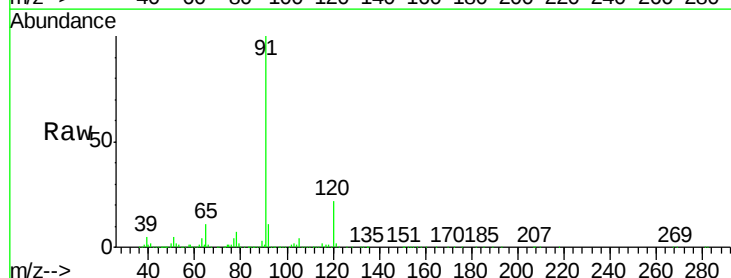
RT: 11.34 min Scan# 1682

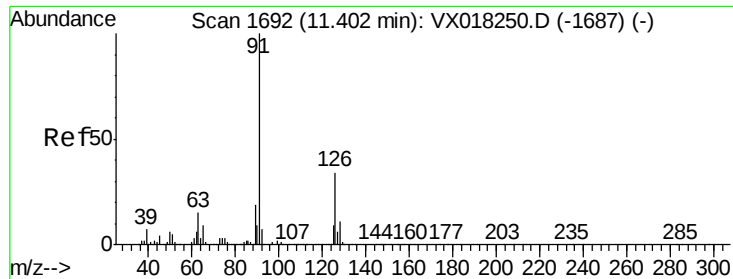
Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	91	Resp:	479700
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	45.4





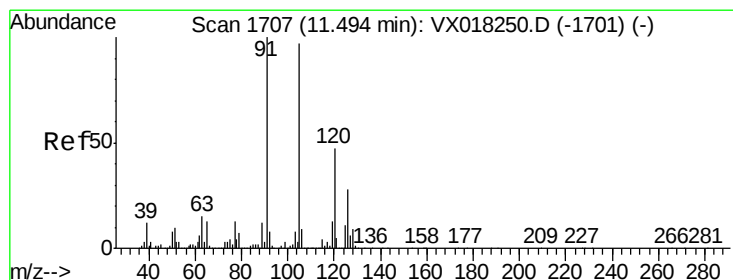
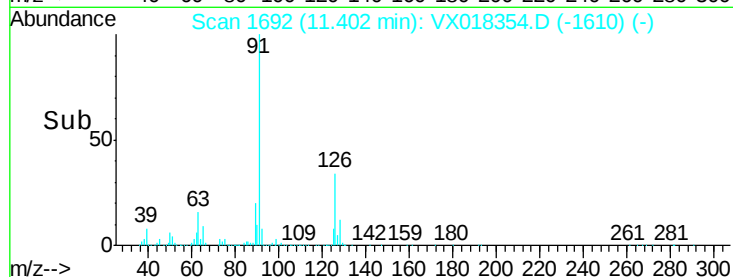
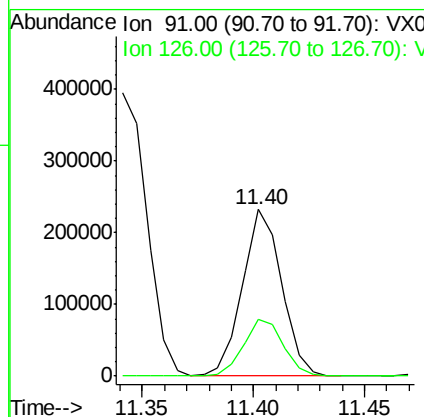
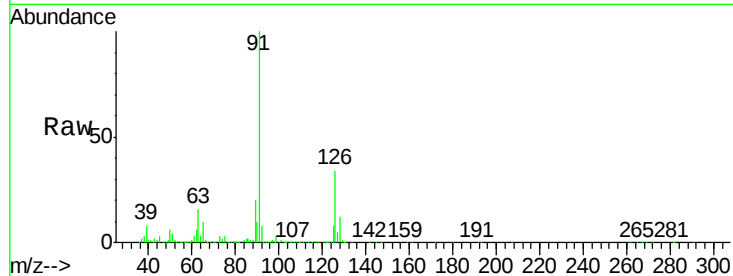
#75
2-Chlorotoluene
Concen: 18.597 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion: 91 Resp: 287442
Ion Ratio Lower Upper
91 100
126 34.5 0.0 68.4

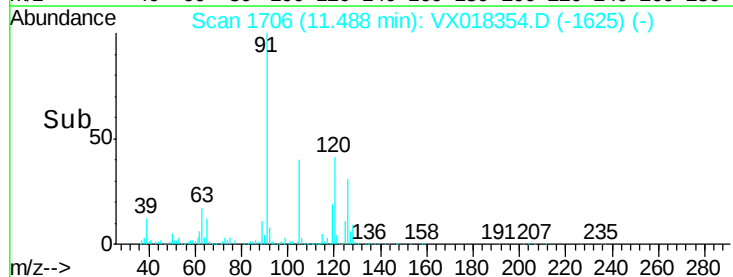
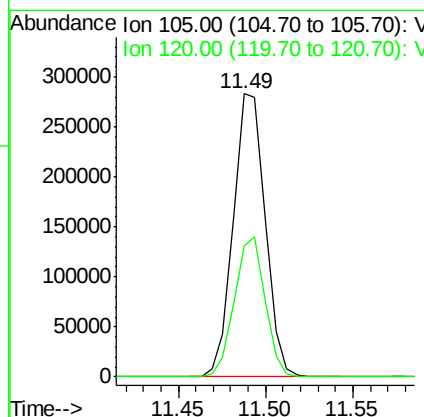
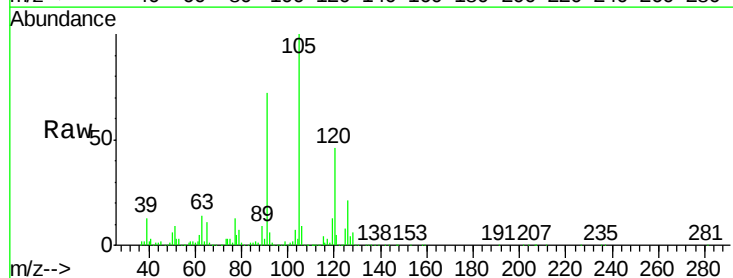
Manual Integrations
APPROVED

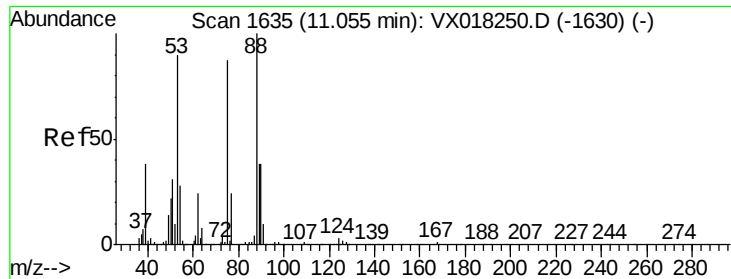
MMDadoda
9/14/2020 12:09:47 PM



#76
1,3,5-Trimethylbenzene
Concen: 19.012 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion: 105 Resp: 358717
Ion Ratio Lower Upper
105 100
120 47.9 0.0 95.0





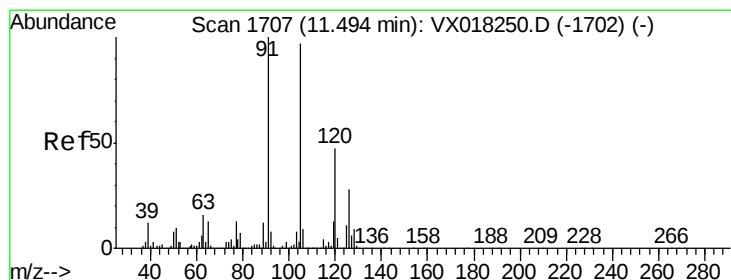
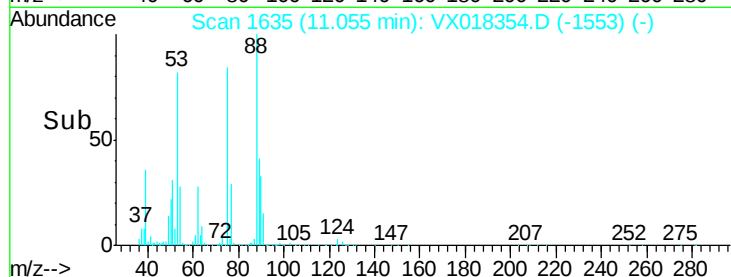
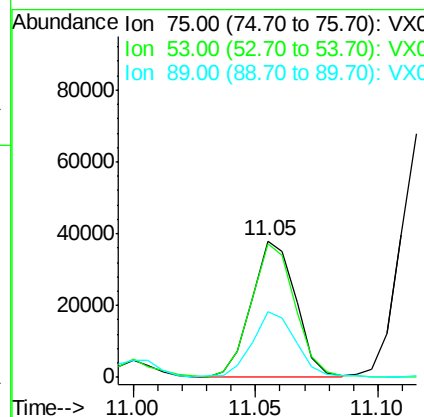
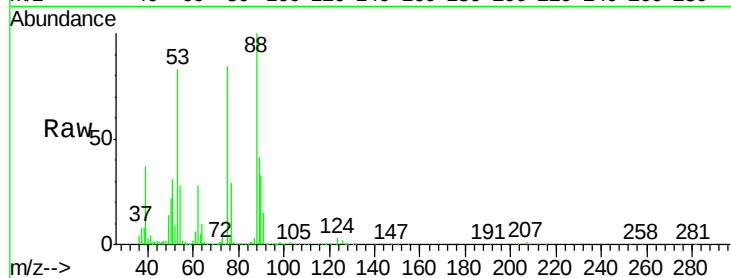
#77
t-1,4-Dichloro-2-butene
Concen: 18.054 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.0	52.1	156.4
89	48.5	22.1	66.3

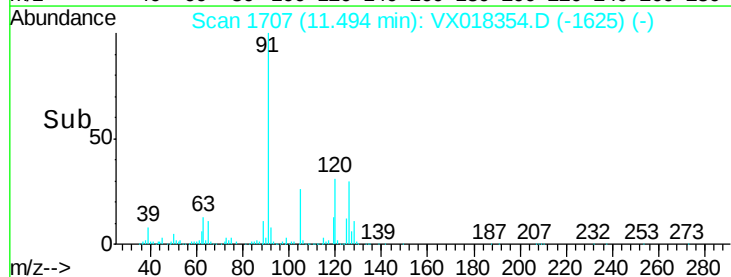
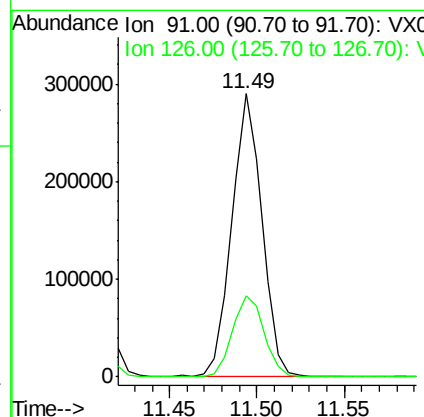
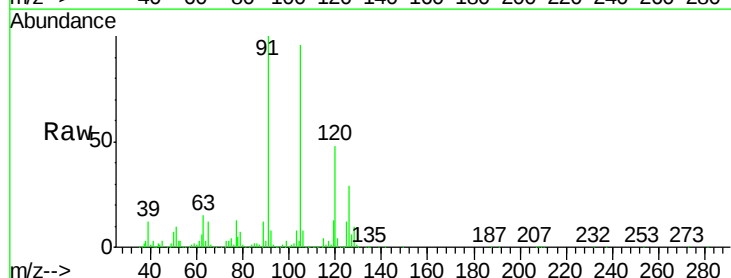
Manual Integrations
APPROVED

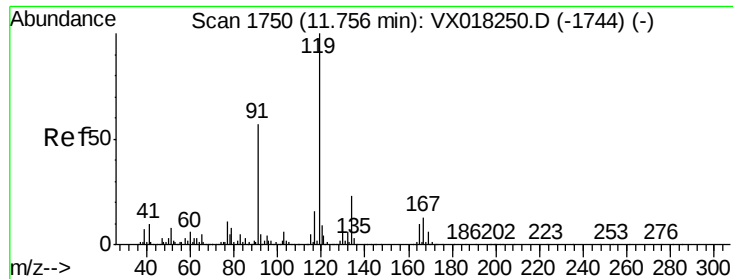
MMDadoda
9/14/2020 12:09:47 PM



#78
4-Chlorotoluene
Concen: 18.802 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	0.0	59.2





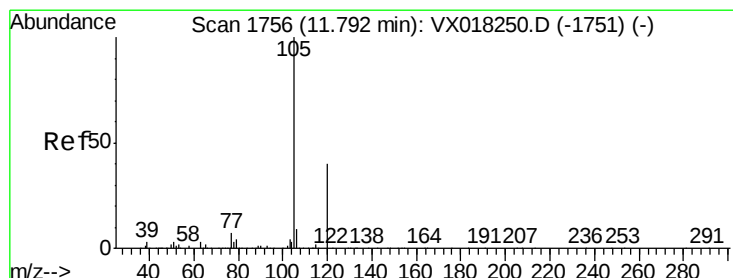
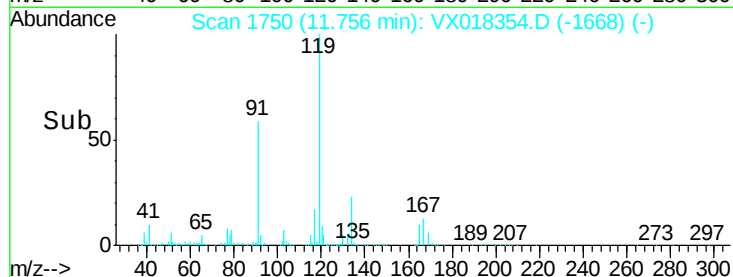
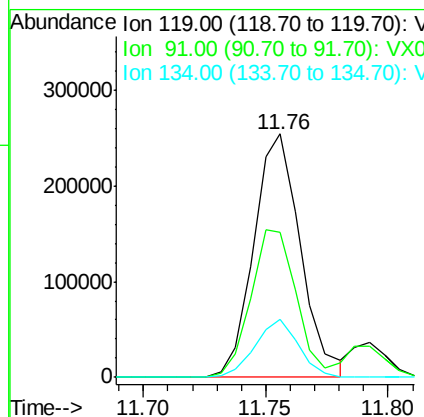
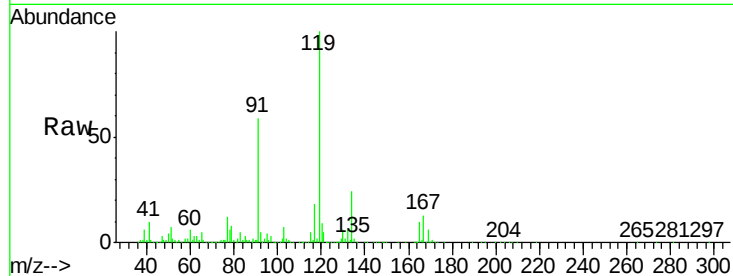
#79
tert-butylbenzene
Concen: 18.713 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	340111		
91	58.7	0.0	111.8	
134	22.1	0.0	42.4	

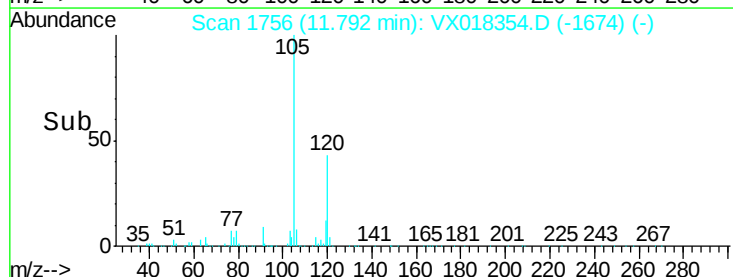
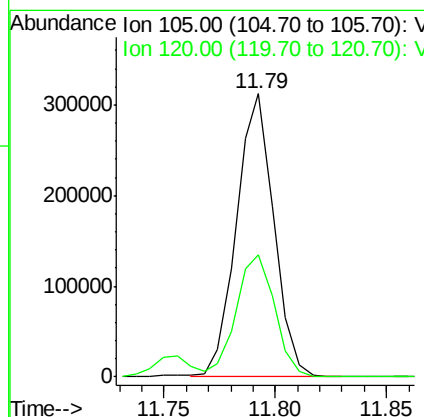
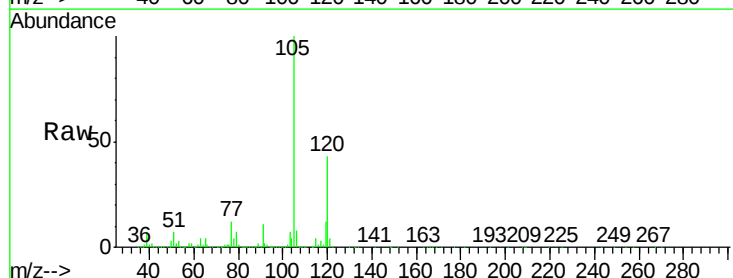
Manual Integrations
APPROVED

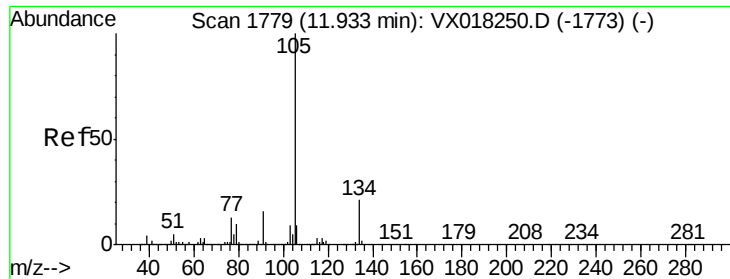
MMDadoda
9/14/2020 12:09:47 PM



#80
1,2,4-Trimethylbenzene
Concen: 19.593 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	365606		
120	44.5	0.0	89.2	





#81

sec-Butylbenzene

Concen: 18.769 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX0911WBS01

Tot Ion:105 Resp: 398441

Ion Ratio Lower Upper

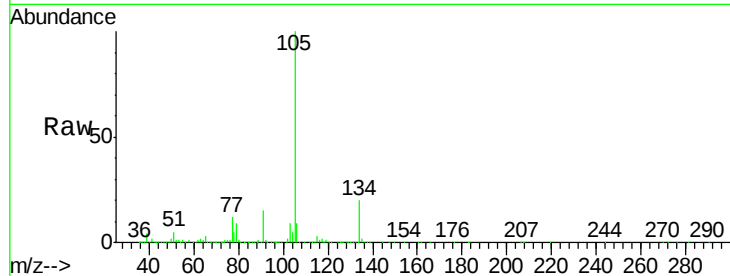
105 100

134 20.1 0.0 40.0

Manual Integrations
APPROVED

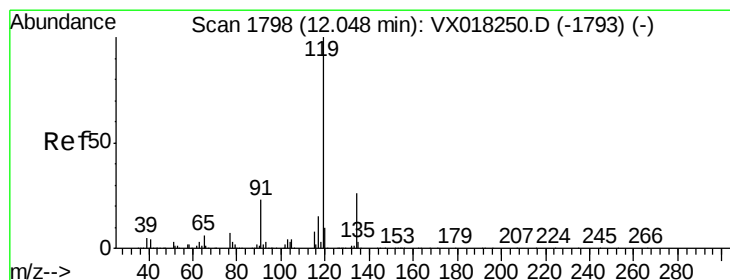
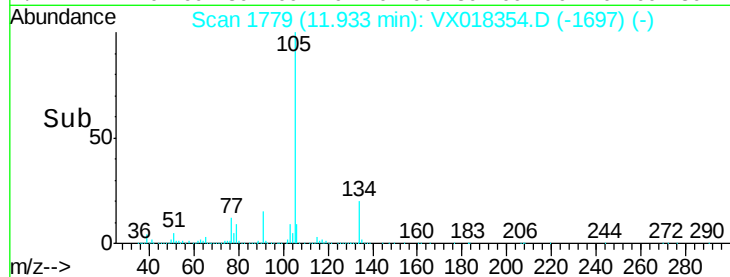
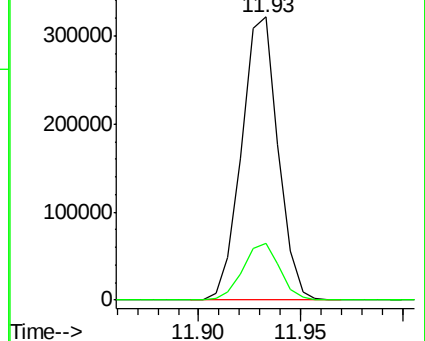
MMDadoda

9/14/2020 12:09:47 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 18.860 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

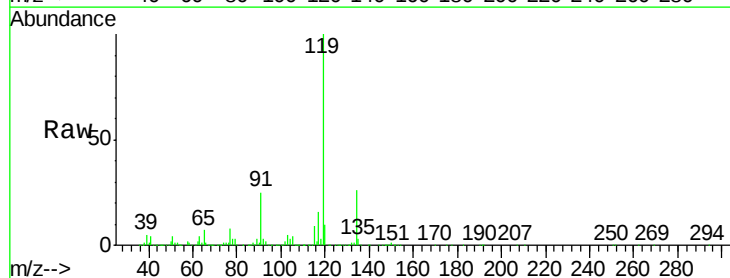
Tgt Ion:119 Resp: 373312

Ion Ratio Lower Upper

119 100

134 26.1 0.0 53.0

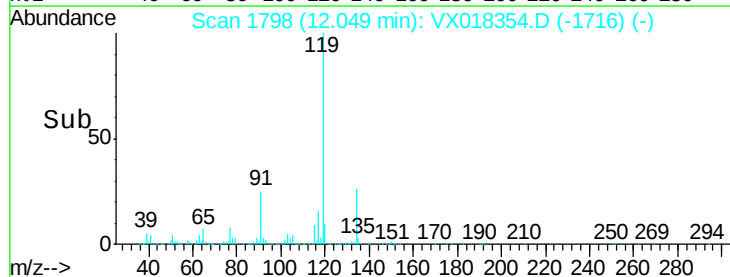
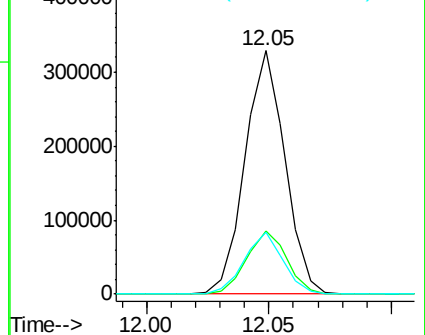
91 24.8 0.0 49.8

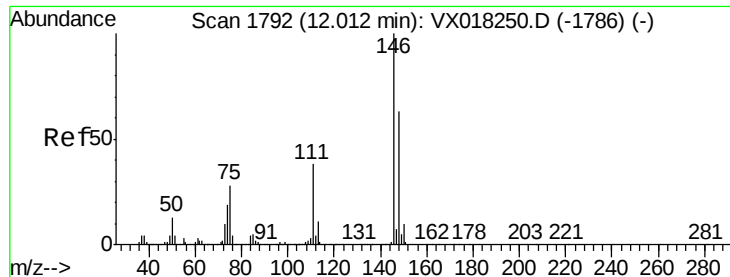


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





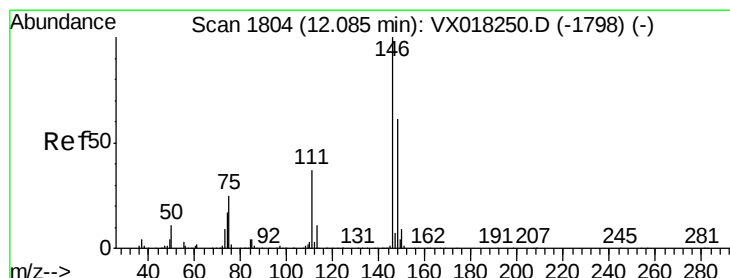
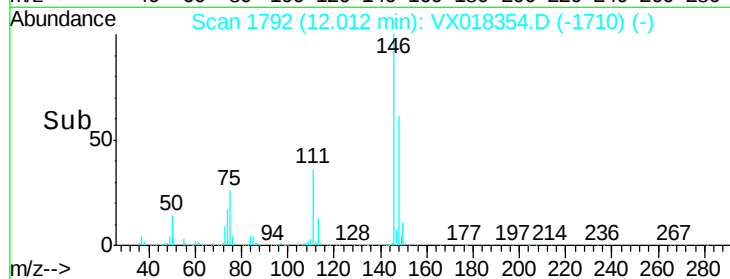
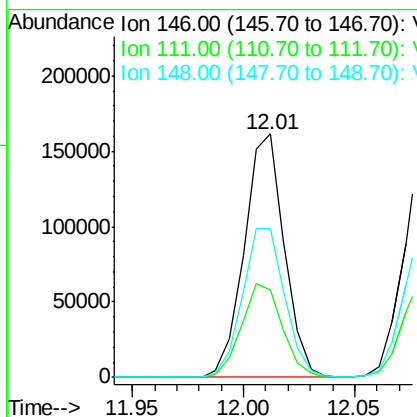
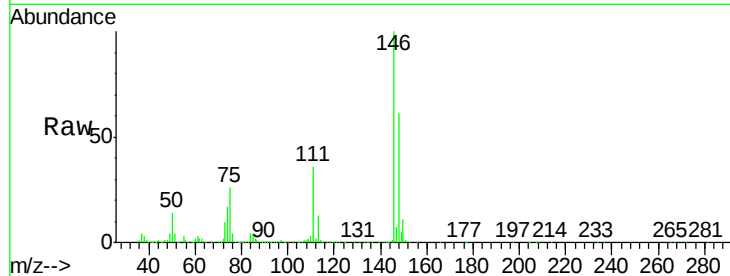
#83
 1,3-Dichlorobenzene
 Concen: 19.067 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	202275		
111	39.5	20.0	59.9	
148	64.7	32.1	96.3	

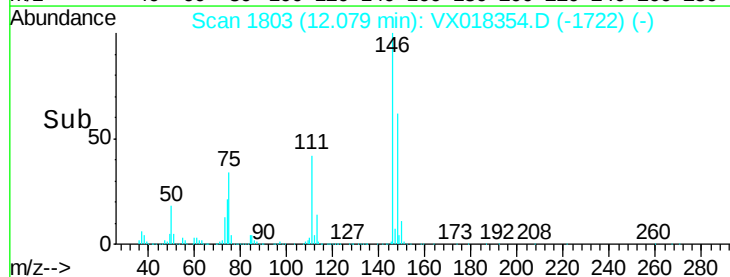
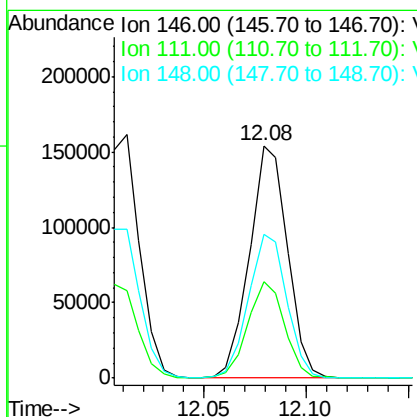
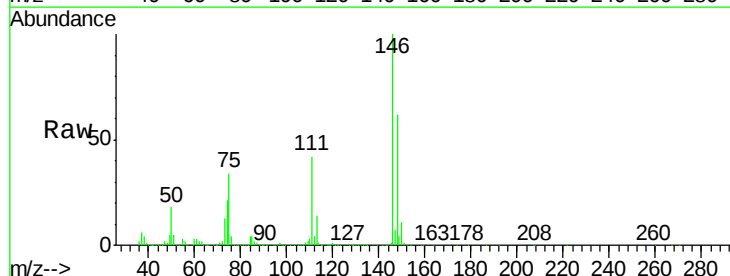
Manual Integrations
 APPROVED

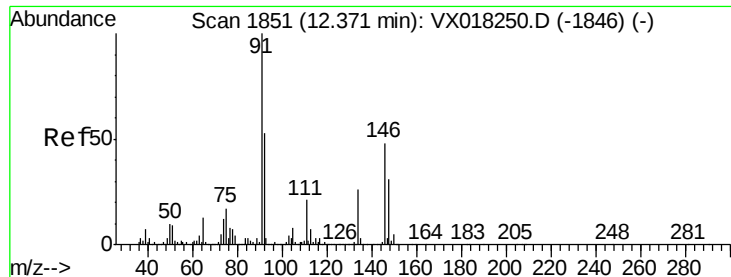
MMDadoda
 9/14/2020 12:09:47 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.735 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	198726		
111	40.0	19.3	57.8	
148	62.8	31.7	95.1	





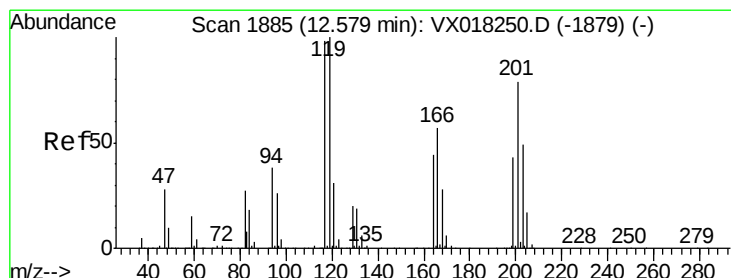
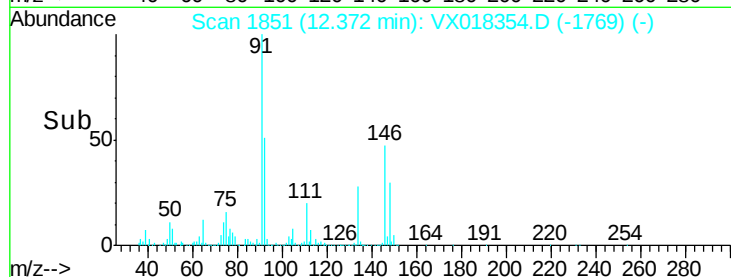
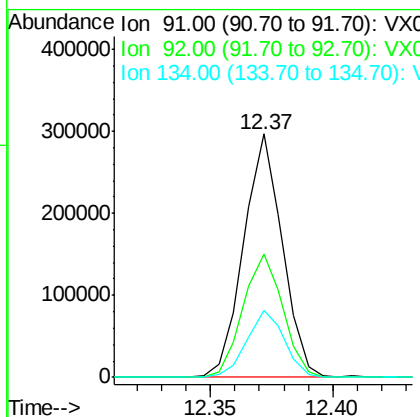
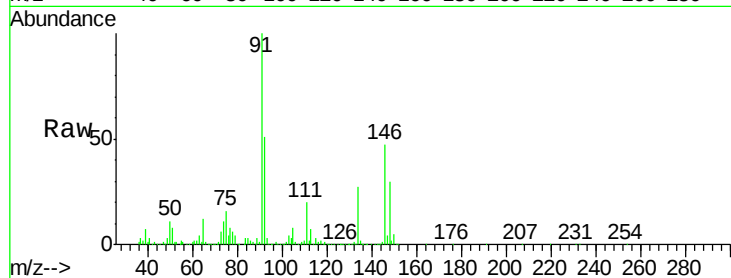
#85
n-Butylbenzene
Concen: 18.684 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	325603		
92	52.3	0.0	105.0	
134	27.0	0.0	51.0	

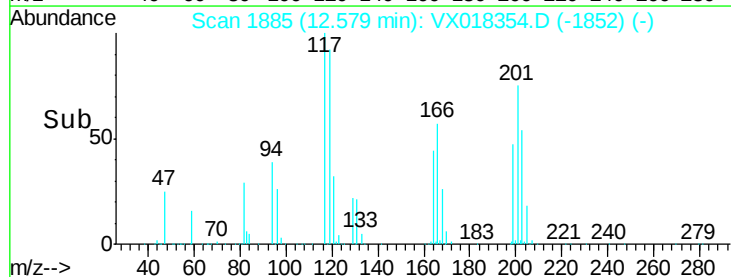
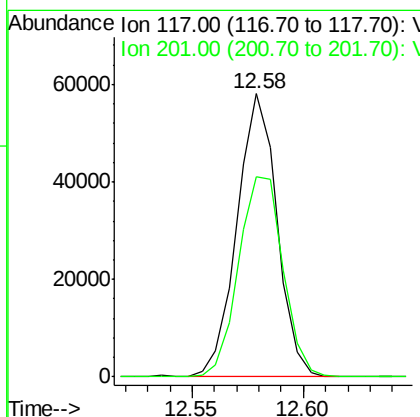
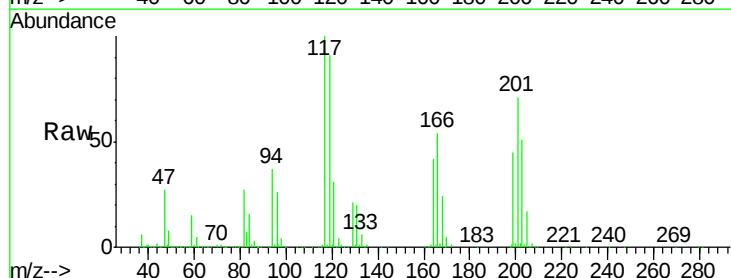
Manual Integrations
APPROVED

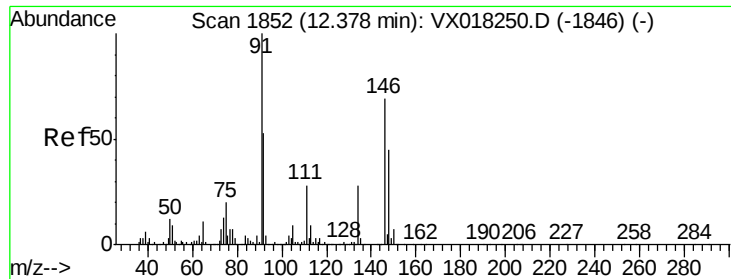
MMDadoda
9/14/2020 12:09:47 PM



#86
Hexachloroethane
Concen: 18.690 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72837		
201	78.6	39.6	118.8	





#87

1,2-Dichlorobenzene

Concen: 19.190 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Instrument :

MSVOA_X

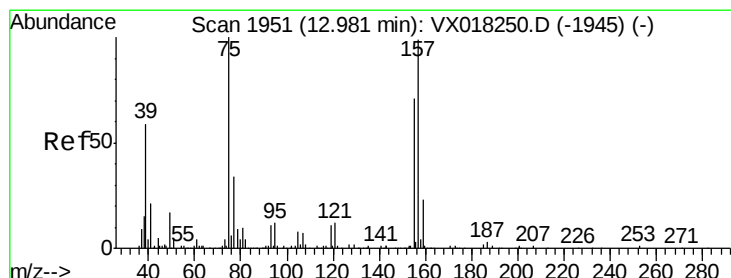
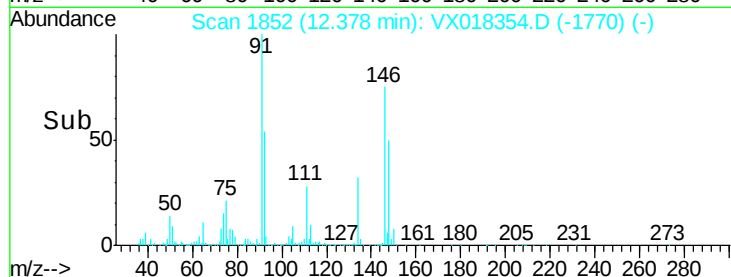
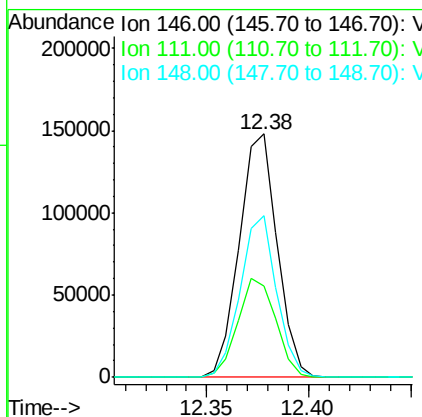
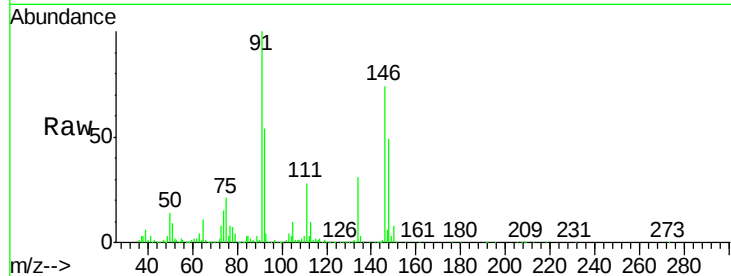
ClientSampleId :

VX0911WBS01

Tot Ion:	146	Resp:	190628
Ion Ratio	Lower	Upper	
146	100		
111	40.8	21.4	64.3
148	64.0	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.852 ug/l

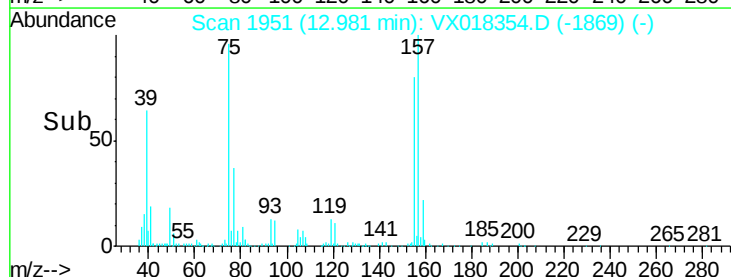
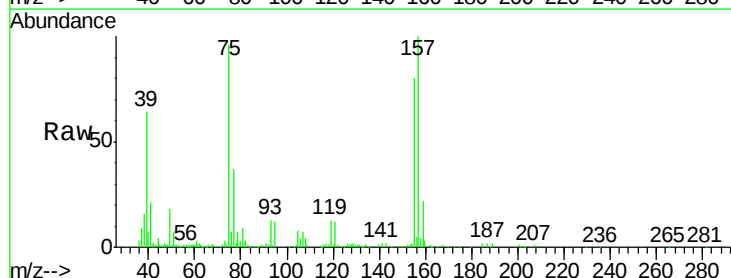
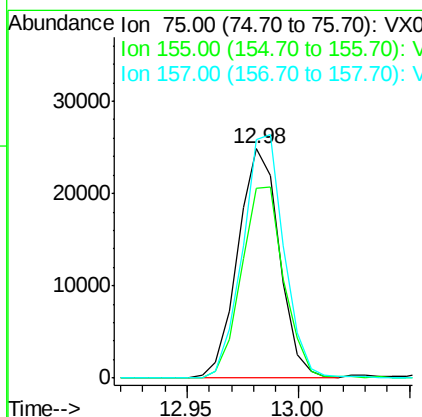
RT: 12.98 min Scan# 1951

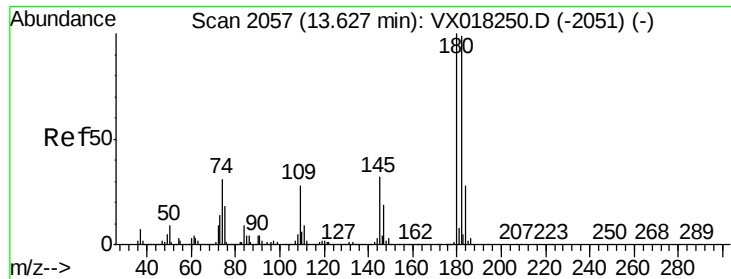
Delta R.T. 0.00 min

Lab File: VX018354.D

Acq: 11 Sep 2020 12:09

Tgt Ion:	75	Resp:	32321
Ion Ratio	Lower	Upper	
75	100		
155	85.3	63.4	95.2
157	106.1	87.0	130.6





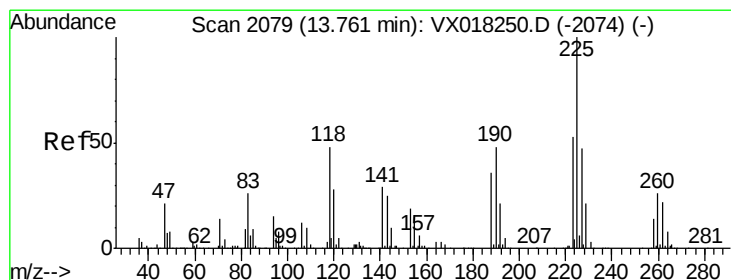
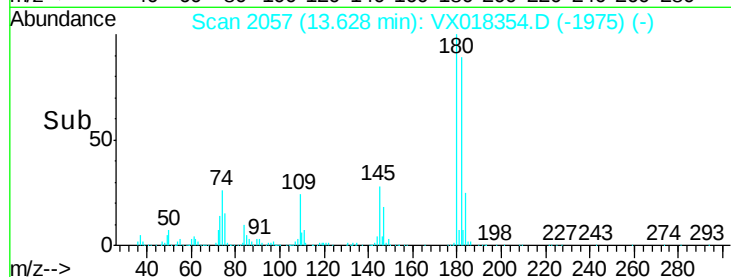
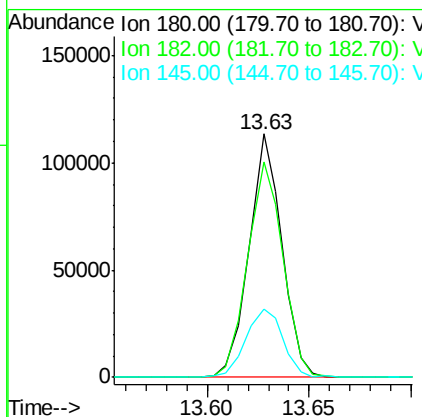
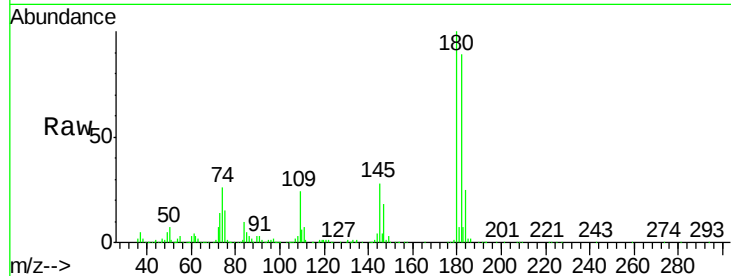
#89
 1,2,4-Trichlorobenzene
 Concen: 18.957 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127405		
182	94.8	77.1	115.7	
145	31.6	25.0	37.6	

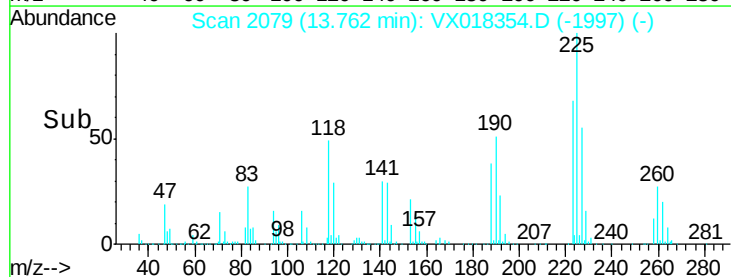
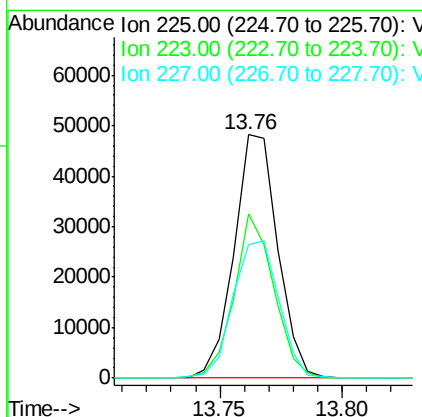
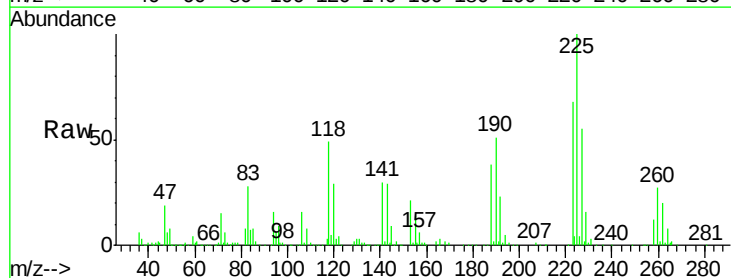
Manual Integrations
 APPROVED

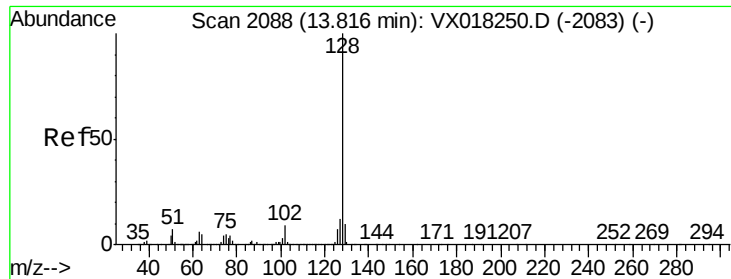
MMDadoda
 9/14/2020 12:09:47 PM



#90
 Hexachlorobutadiene
 Concen: 21.053 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018354.D
 Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	59849		
223	61.1	0.0	115.8	
227	59.2	0.0	117.0	





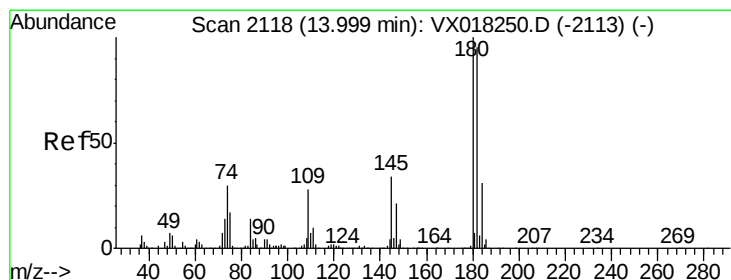
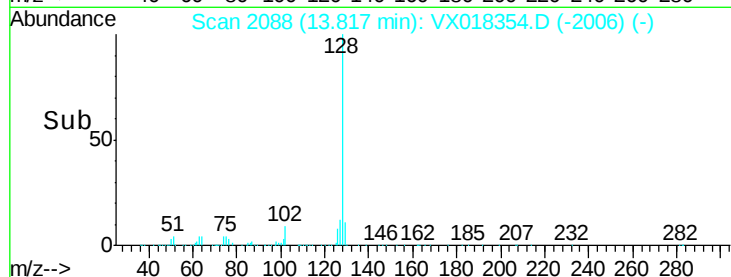
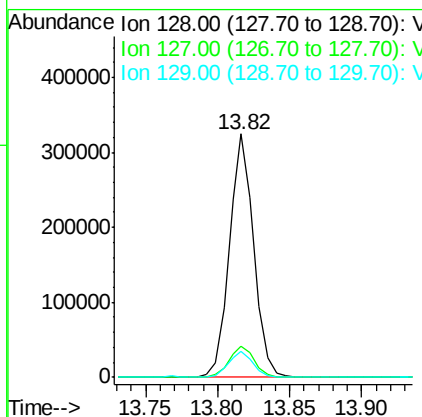
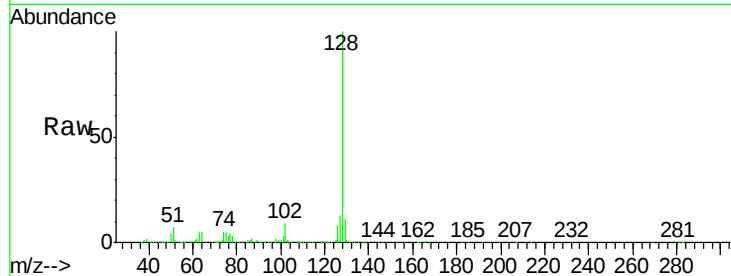
#91
Naphthalene
Concen: 18.323 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX0911WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	384323		
127	13.0		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/14/2020 12:09:47 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.814 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018354.D
Acq: 11 Sep 2020 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	125089		
182	93.7		0.0	191.6
145	33.5		0.0	67.4

