

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018180.D
 Acq On : 01 Sep 2020 10:36
 Operator : JC/SP
 Sample : VX0901WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:23:12 PM

Quant Time: Sep 02 03:02:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	482792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	742894	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	687180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	358277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	320991	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
35) Dibromofluoromethane	5.46	113	247651	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
50) Toluene-d8	8.70	98	900444	47.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.56%	
62) 4-Bromofluorobenzene	11.12	95	348943	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	112852	19.199	ug/l	94
3) Chloromethane	1.31	50	107585	17.360	ug/l	99
4) Vinyl Chloride	1.39	62	108125	17.527	ug/l	96
5) Bromomethane	1.63	94	76774	25.802	ug/l	100
6) Chloroethane	1.71	64	65374	19.730	ug/l	98
7) Trichlorofluoromethane	1.92	101	178430	21.212	ug/l	99
8) Diethyl Ether	2.17	74	56009	19.634	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	88203	19.395	ug/l	98
10) Methyl Iodide	2.49	142	94314	22.621	ug/l	99
11) Tert butyl alcohol	3.01	59	105665	81.082	ug/l	97
12) 1,1-Dichloroethene	2.36	96	83931	17.789	ug/l	92
13) Acrolein	2.27	56	40691	75.304	ug/l	97
14) Allyl chloride	2.70	41	154405	18.215	ug/l	96
15) Acrylonitrile	3.11	53	249386	84.362	ug/l	99
16) Acetone	2.42	43	221702	84.889	ug/l	93
17) Carbon Disulfide	2.55	76	245503	17.213	ug/l	98
18) Methyl Acetate	2.75	43	118730	18.839	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	300425	18.567	ug/l	96
20) Methylene Chloride	2.83	84	102594	18.476	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	93665	17.919	ug/l	96
22) Diisopropyl ether	3.82	45	308650	18.449	ug/l	97
23) Vinyl Acetate	3.78	43	1371851	92.152	ug/l	99
24) 1,1-Dichloroethane	3.67	63	177341	18.621	ug/l	99
25) 2-Butanone	4.63	43	351602	81.917	ug/l	99
26) 2,2-Dichloropropane	4.55	77	165877	21.407	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	106519	17.686	ug/l	98
28) Bromochloromethane	4.98	49	79397	17.271	ug/l	99
29) Tetrahydrofuran	5.09	42	223923	81.954	ug/l	98
30) Chloroform	5.17	83	185708	18.832	ug/l	95
31) Cyclohexane	5.55	56	144761	18.045	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	181286	20.033	ug/l	98
36) 1,1-Dichloropropene	5.77	75	135118	19.719	ug/l	99
37) Ethyl Acetate	4.79	43	137434	17.269	ug/l	99
38) Carbon Tetrachloride	5.75	117	158623	20.542	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
 Data File : VX018180.D
 Acq On : 01 Sep 2020 10:36
 Operator : JC/SP
 Sample : VX0901WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0901WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:23:12 PM

Quant Time: Sep 02 03:02:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	143879	19.203	ug/l	98
40) Benzene	6.11	78	388287	19.285	ug/l	99
41) Methacrylonitrile	5.00	41	76374	17.478	ug/l	97
42) 1,2-Dichloroethane	6.16	62	157138	20.370	ug/l	97
43) Isopropyl Acetate	6.41	43	227296	17.683	ug/l	99
44) Trichloroethene	7.18	130	110225	19.375	ug/l	95
45) 1,2-Dichloropropane	7.49	63	102478	18.885	ug/l	96
46) Dibromomethane	7.64	93	71849	18.828	ug/l	99
47) Bromodichloromethane	7.87	83	150308	19.727	ug/l	99
48) Methyl methacrylate	7.74	41	113178	17.687	ug/l	98
49) 1,4-Dioxane	7.71	88	38107	328.765	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	699518	88.100	ug/l	100
52) Toluene	8.76	92	246648	19.319	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	160517	19.008	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	170448	19.054	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	104176	19.132	ug/l	96
56) Ethyl methacrylate	9.16	69	147585	18.233	ug/l	100
57) 1,3-Dichloropropane	9.35	76	168663	18.780	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	287324	78.907	ug/l	98
59) 2-Hexanone	9.47	43	533206	88.316	ug/l	100
60) Dibromochloromethane	9.56	129	119942	18.778	ug/l	99
61) 1,2-Dibromoethane	9.65	107	112046	18.954	ug/l	98
64) Tetrachloroethene	9.32	164	105691	20.930	ug/l	95
65) Chlorobenzene	10.12	112	274430	19.996	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.21	131	107060	19.792	ug/l	98
67) Ethyl Benzene	10.23	91	463877	19.875	ug/l	100
68) m/p-Xylenes	10.34	106	353882	40.622	ug/l	98
69) o-Xylene	10.68	106	164146	19.437	ug/l	95
70) Styrene	10.70	104	286654	19.932	ug/l	99
71) Bromoform	10.84	173	89942	19.494	ug/l	96
73) Isopropylbenzene	11.00	105	453327	19.183	ug/l	97
74) N-amyl acetate	10.88	43	193295	17.239	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	146516	17.575	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	143385m	17.991	ug/l	
77) Bromobenzene	11.24	156	124348	19.035	ug/l	96
78) n-propylbenzene	11.34	91	521775	19.445	ug/l	99
79) 2-Chlorotoluene	11.40	91	324569	19.578	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	395314	20.356	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	54955	18.623	ug/l	98
82) 4-Chlorotoluene	11.49	91	383463	19.457	ug/l	99
83) tert-Butylbenzene	11.76	119	382146	19.940	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	401986	20.246	ug/l	99
85) sec-Butylbenzene	11.93	105	442668	20.311	ug/l	99
86) p-Isopropyltoluene	12.05	119	421679	21.063	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	228139	19.891	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	222056	19.337	ug/l	99
89) n-Butylbenzene	12.37	91	349382	19.121	ug/l	100
90) Hexachloroethane	12.58	117	81456	20.681	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	208634	19.325	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36537	17.528	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090120\
Data File : VX018180.D
Acq On : 01 Sep 2020 10:36
Operator : JC/SP
Sample : VX0901WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

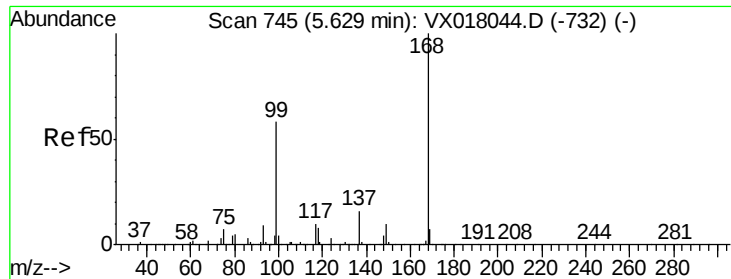
Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM

Quant Time: Sep 02 03:02:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	133065	18.483	ug/l	98
94) Hexachlorobutadiene	13.76	225	60925	21.456	ug/l	97
95) Naphthalene	13.82	128	422113	17.816	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133854	18.817	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion:168 Resp: 482792

Ion Ratio Lower Upper

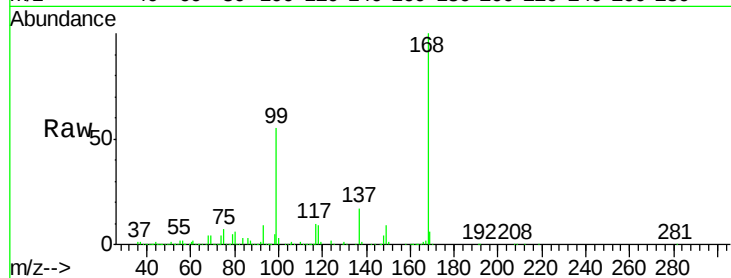
168 100

99 55.4 46.3 69.5

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

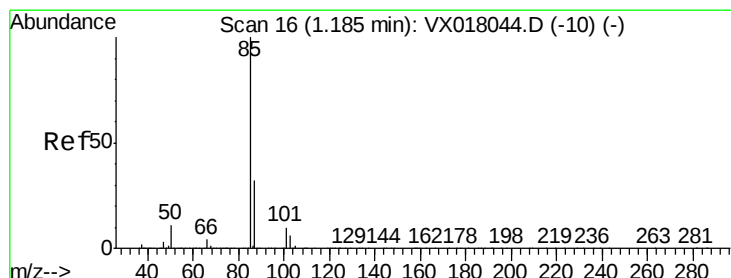
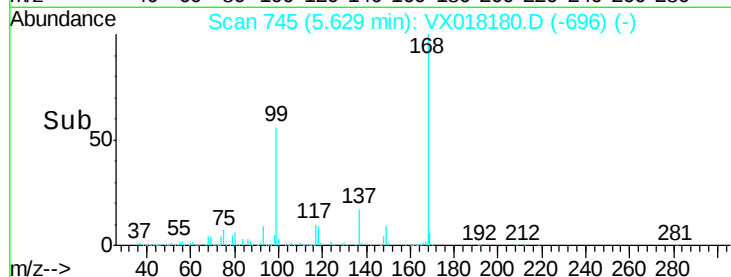
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.199 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018180.D

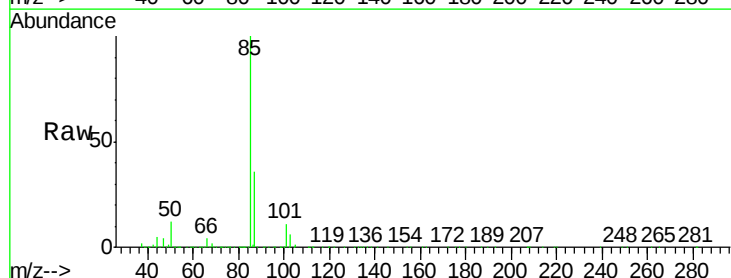
Acq: 01 Sep 2020 10:36

Tgt Ion: 85 Resp: 112852

Ion Ratio Lower Upper

85 100

87 35.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

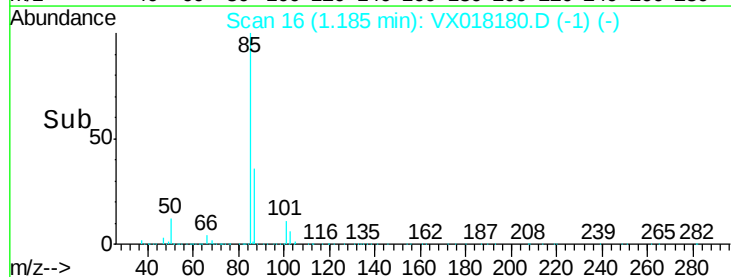
150000

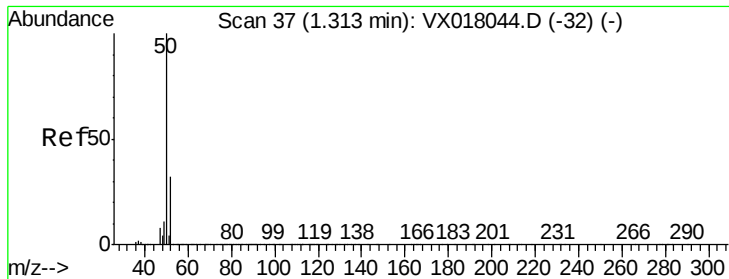
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.360 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 50 Resp: 107585

Ion Ratio Lower Upper

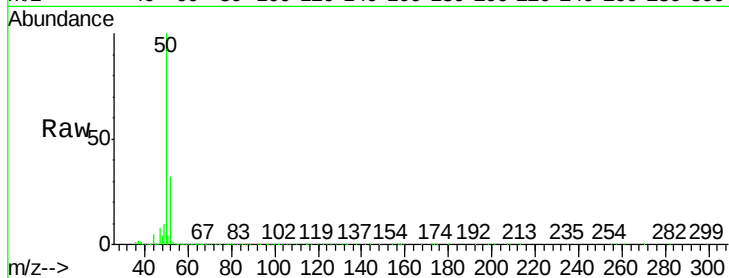
50 100

52 32.2 25.4 38.2

Manual Integrations
APPROVED

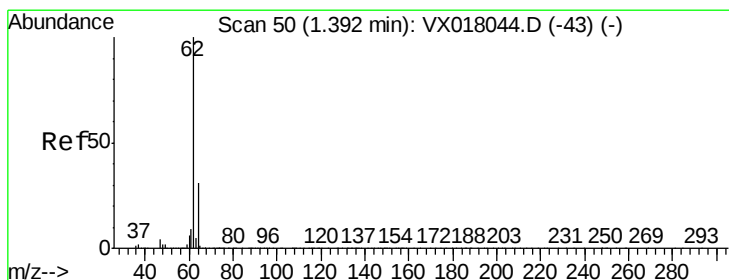
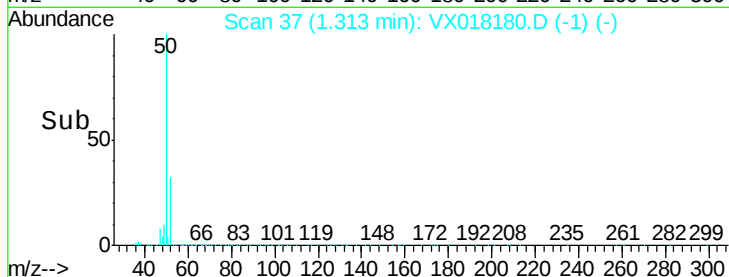
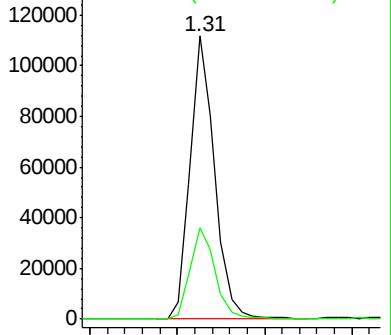
MMDadoda

9/2/2020 2:23:12 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.527 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018180.D

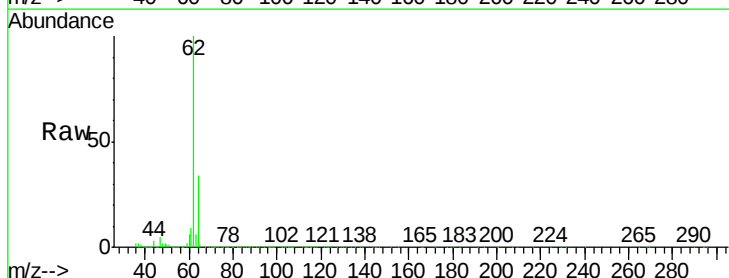
Acq: 01 Sep 2020 10:36

Tgt Ion: 62 Resp: 108125

Ion Ratio Lower Upper

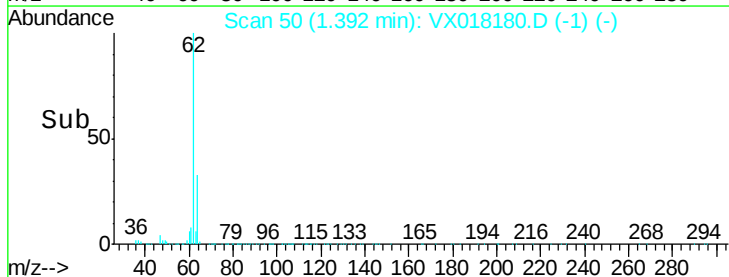
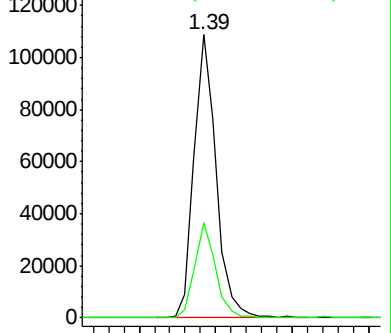
62 100

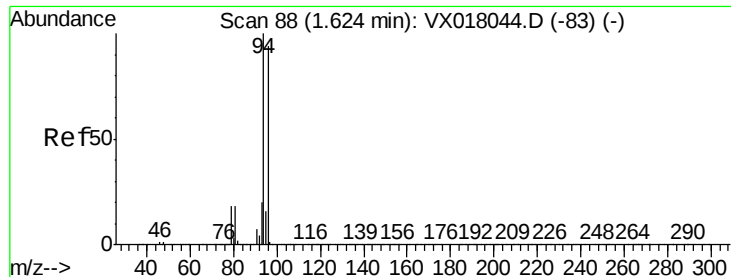
64 33.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 25.802 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 94 Resp: 76774

Ion Ratio Lower Upper

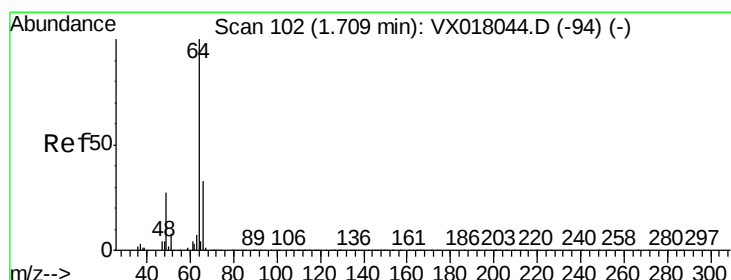
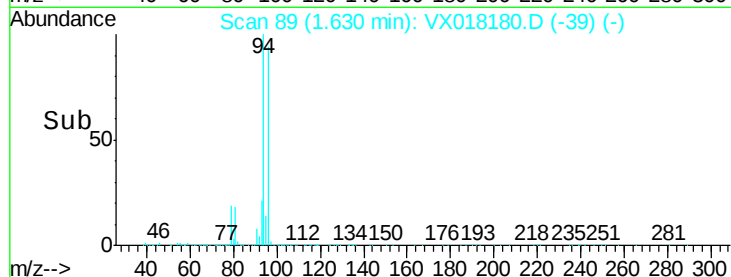
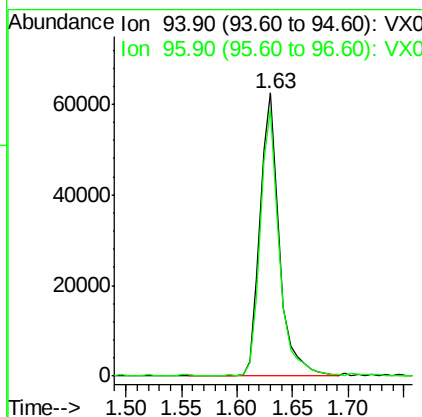
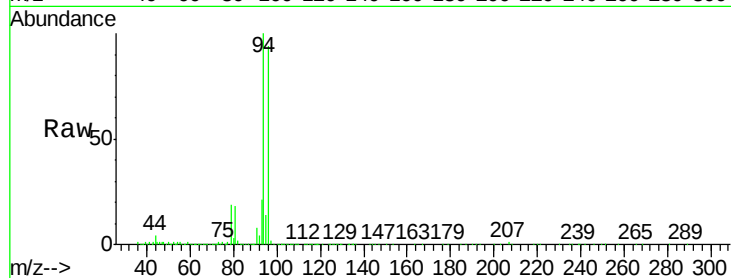
94 100

96 93.5 74.8 112.2

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#6

Chloroethane

Concen: 19.730 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018180.D

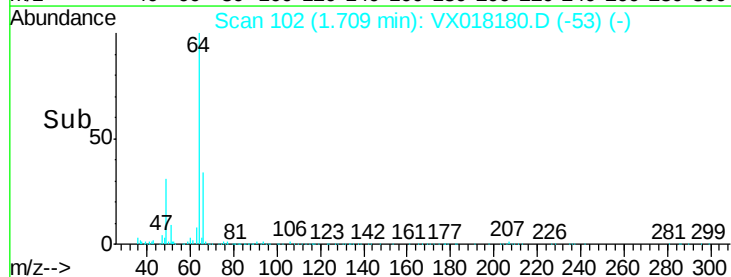
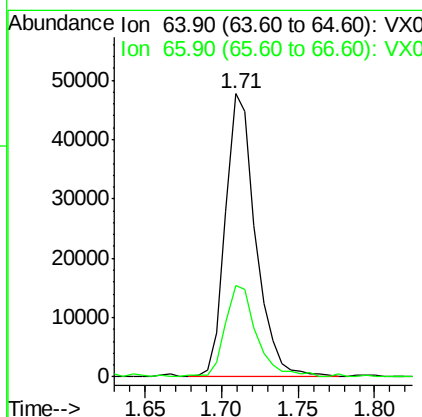
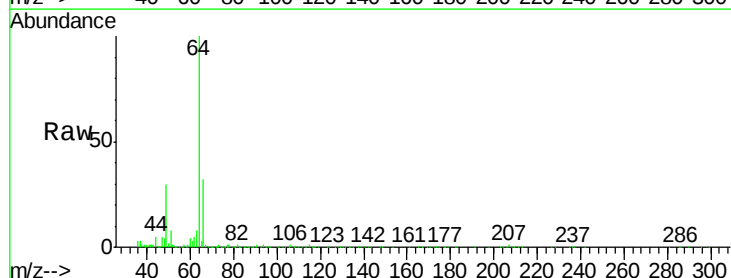
Acq: 01 Sep 2020 10:36

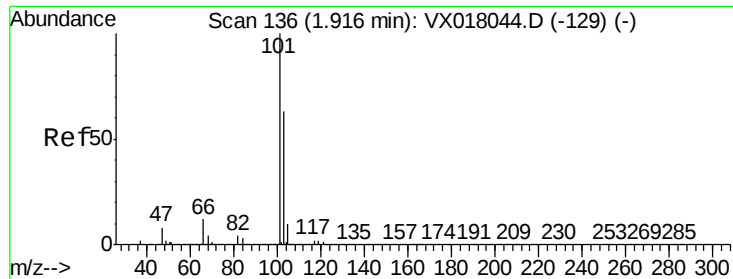
Tgt Ion: 64 Resp: 65374

Ion Ratio Lower Upper

64 100

66 32.1 26.6 39.8





#7

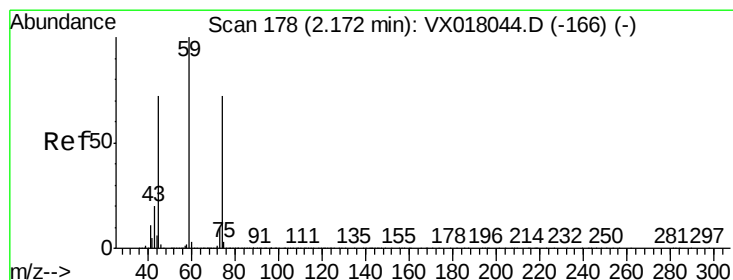
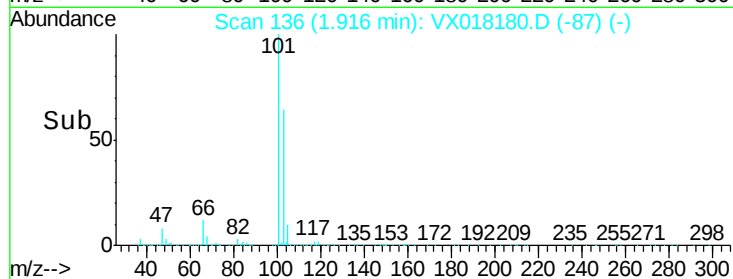
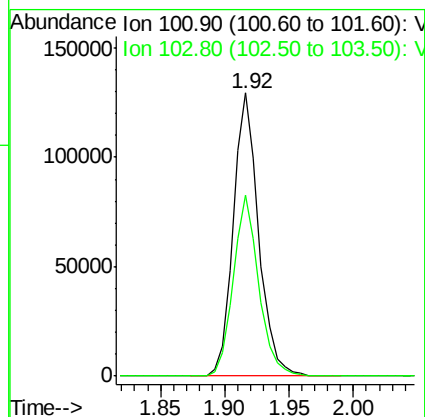
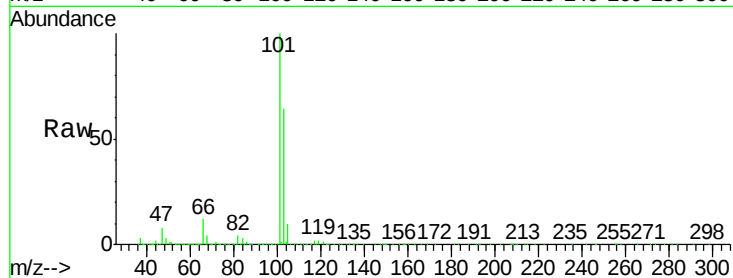
Trichlorofluoromethane
Concen: 21.212 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.7	76.1

Manual Integrations
APPROVED

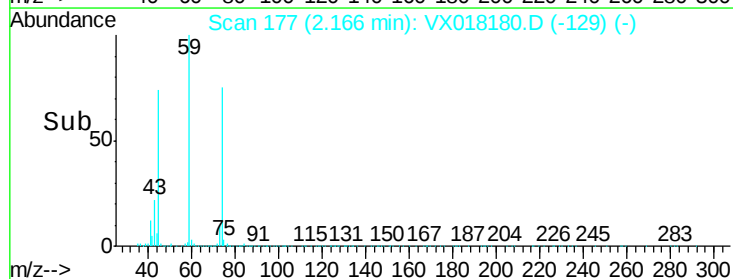
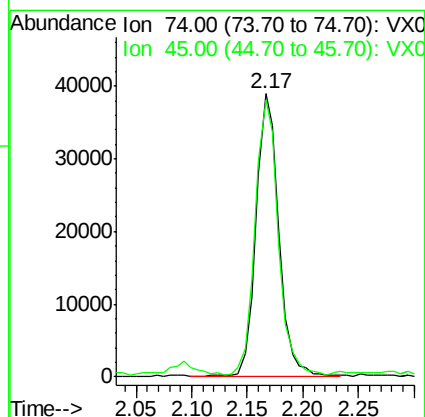
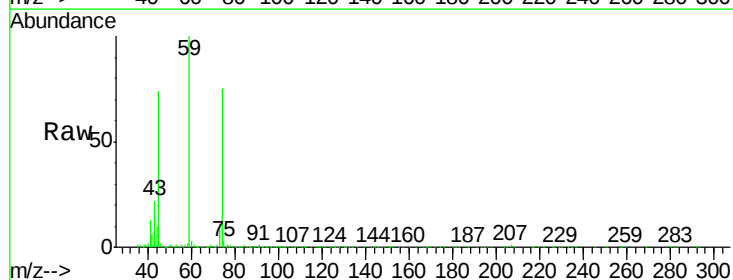
MMDadoda
9/2/2020 2:23:12 PM

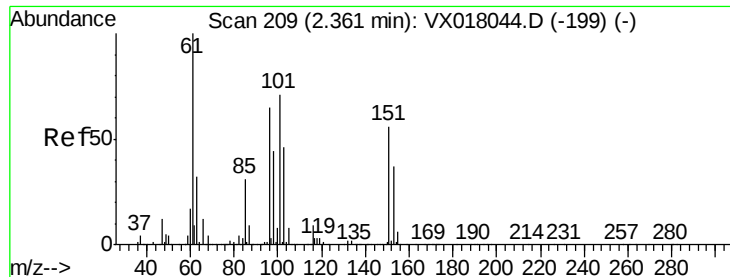


#8

Diethyl Ether
Concen: 19.634 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.5	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.395 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

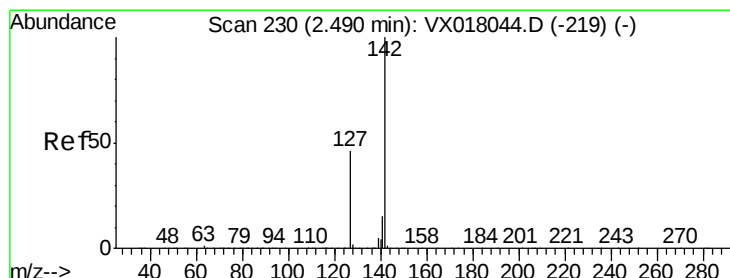
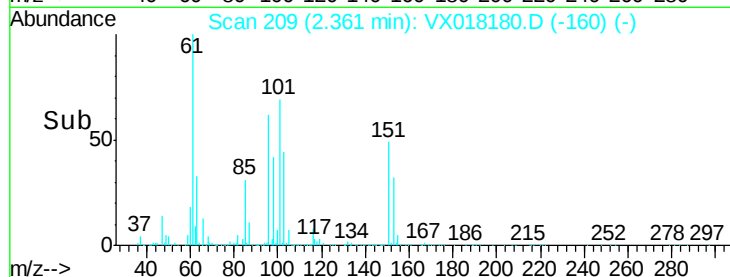
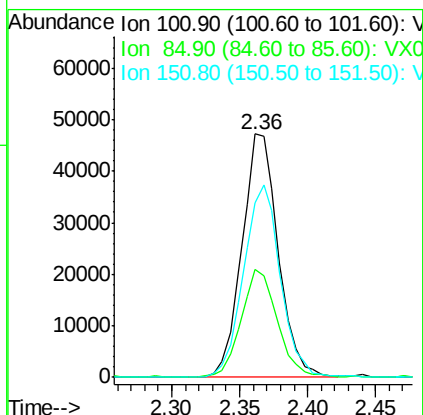
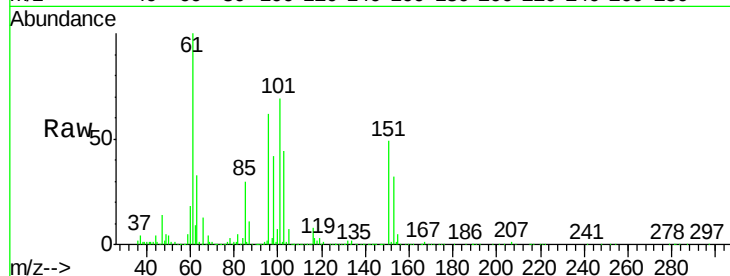
ClientSampleId :

VX0901WBS01

Tot Ion:	101	Resp:	88203
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.0	51.0
151	80.3	65.2	97.8

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#10

Methyl Iodide

Concen: 22.621 ug/l

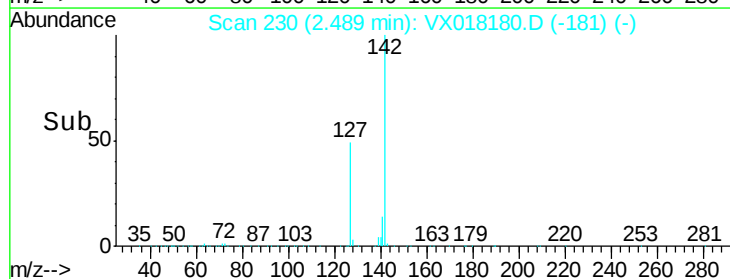
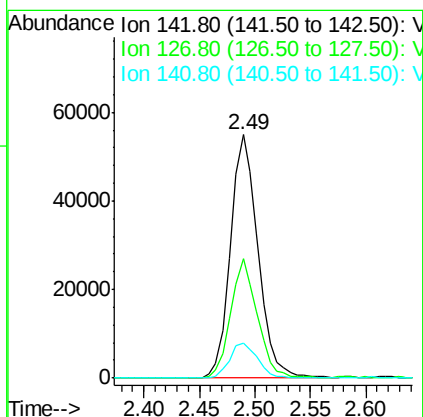
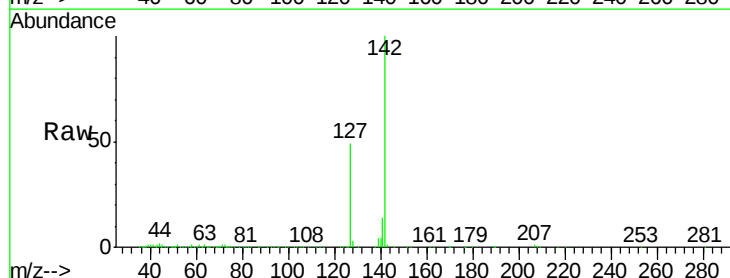
RT: 2.49 min Scan# 230

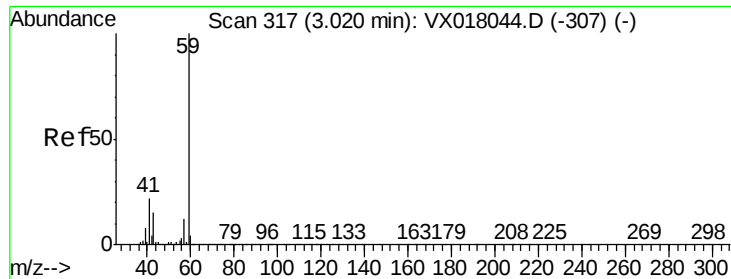
Delta R.T. 0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	142	Resp:	94314
Ion Ratio	Lower	Upper	
142	100		
127	47.5	37.0	55.6
141	14.6	11.5	17.3





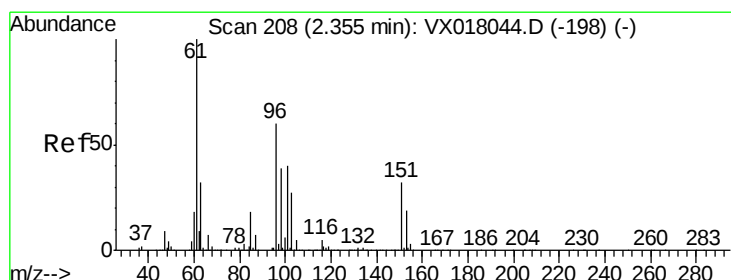
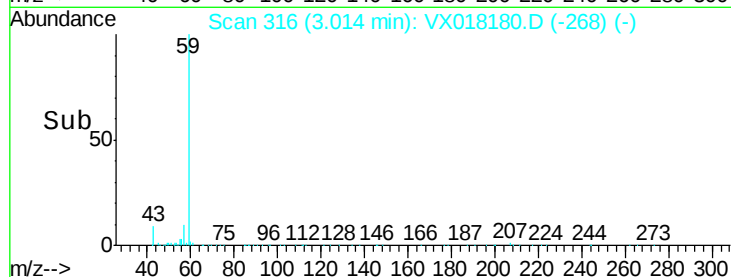
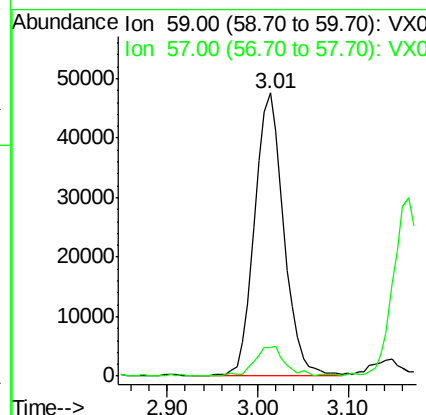
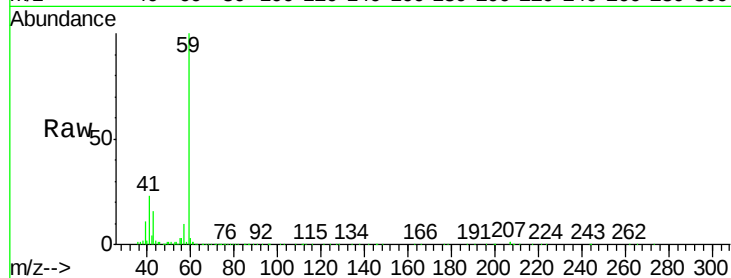
#11
Tert butyl alcohol
Concen: 81.082 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	105665		
57	57	10.1		8.9	13.3

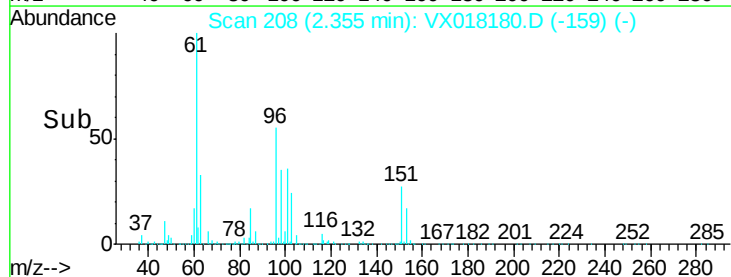
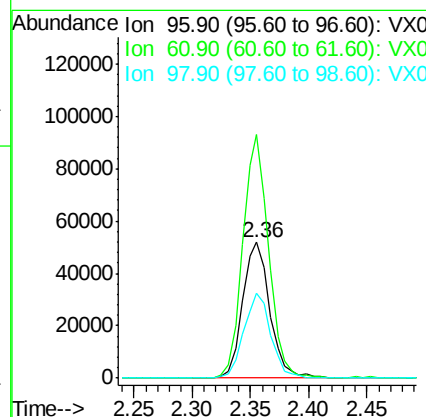
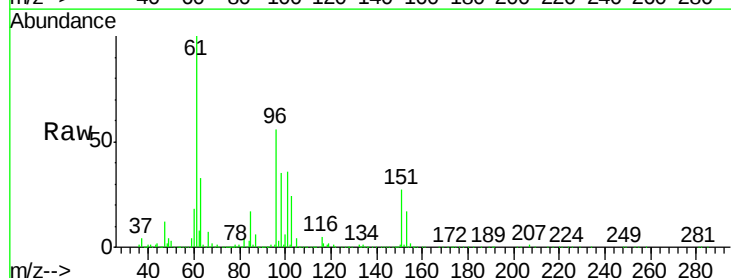
Manual Integrations
APPROVED

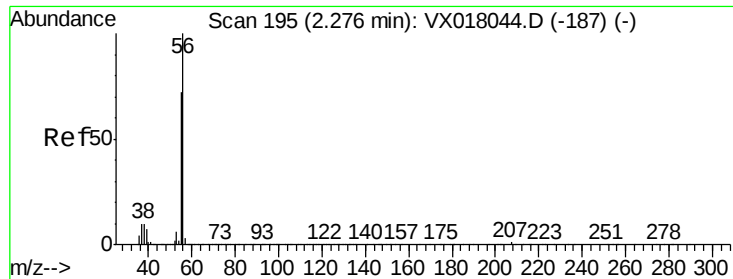
MMDadoda
9/2/2020 2:23:12 PM



#12
1,1-Dichloroethene
Concen: 17.789 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	83931		
61	61	179.6		133.0	199.4
98	98	62.3		51.6	77.4





#13

Acrolein

Concen: 75.304 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 56 Resp: 40691

Ion Ratio Lower Upper

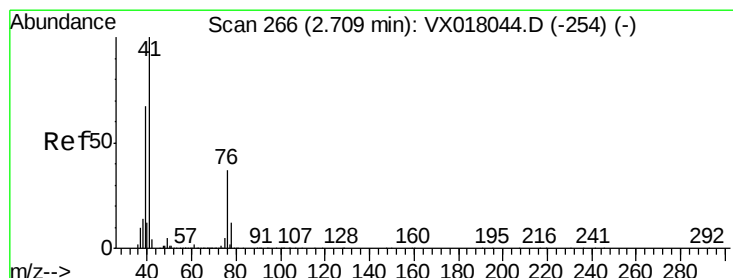
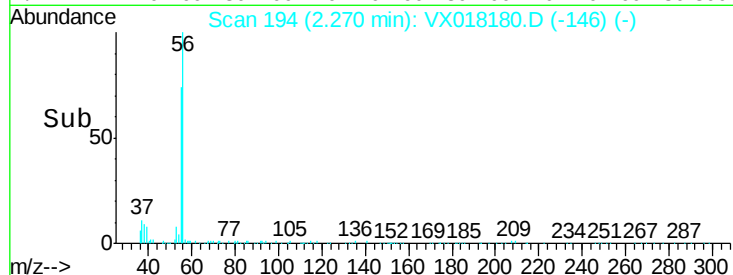
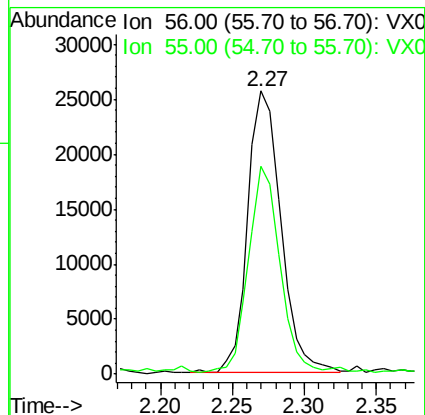
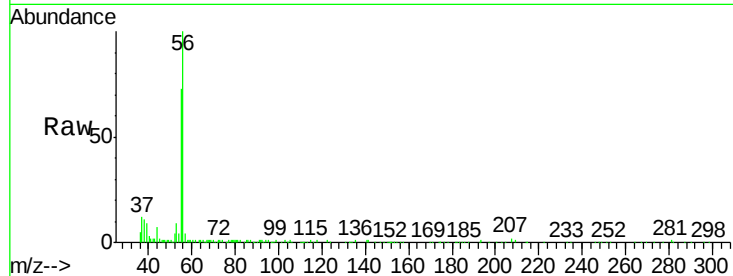
56 100

55 69.1 57.0 85.6

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#14

Allyl chloride

Concen: 18.215 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

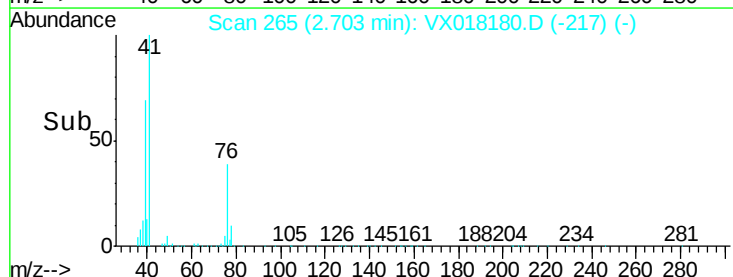
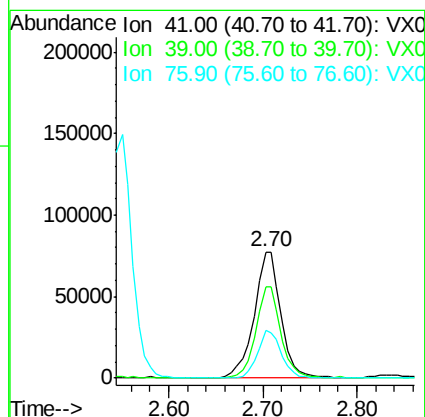
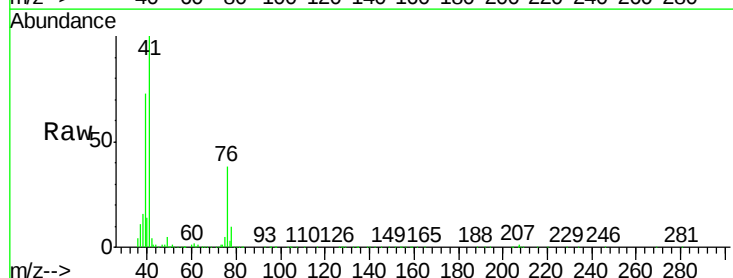
Tgt Ion: 41 Resp: 154405

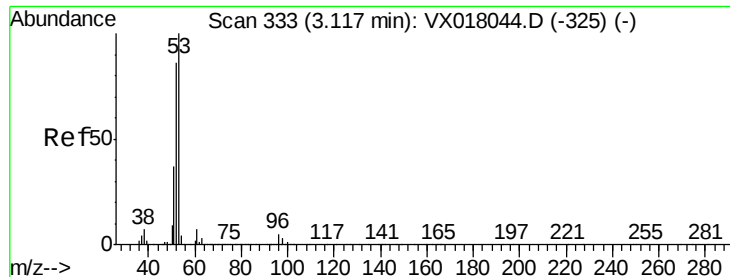
Ion Ratio Lower Upper

41 100

39 67.0 50.6 76.0

76 33.4 26.2 39.2





#15

Acrylonitrile

Concen: 84.362 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

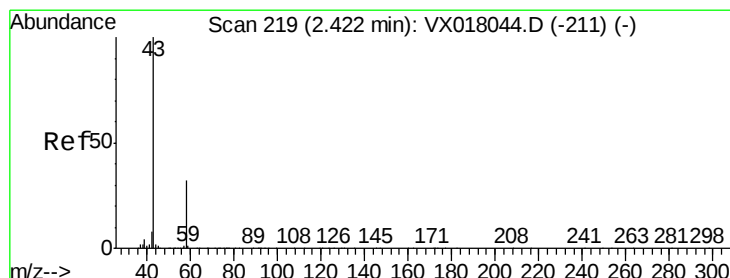
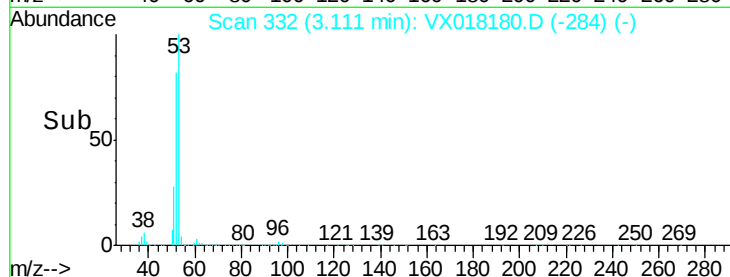
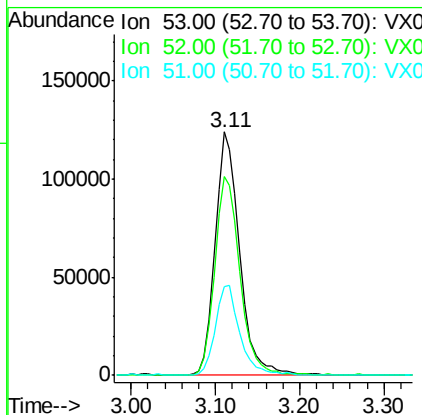
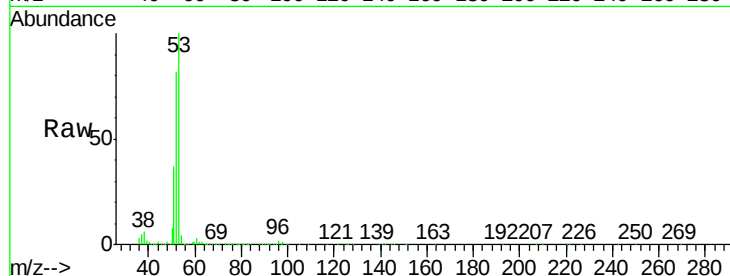
ClientSampleId :

VX0901WBS01

Tot Ion:	53	Resp:	249386
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.9	100.3
51	36.7	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#16

Acetone

Concen: 84.889 ug/l

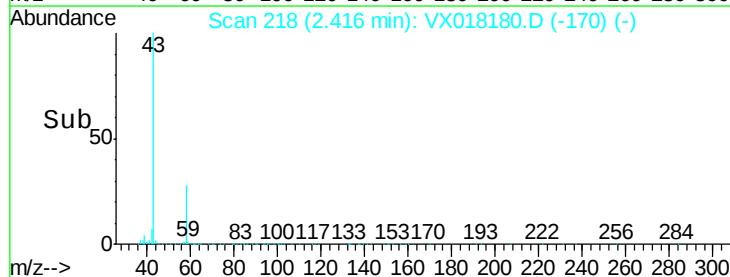
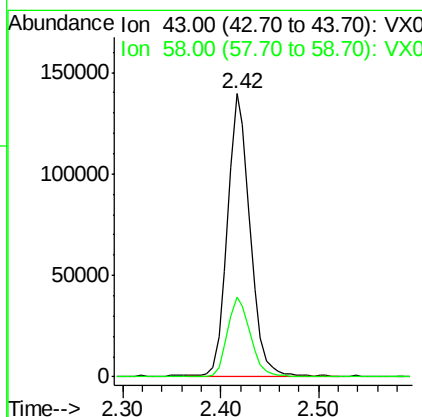
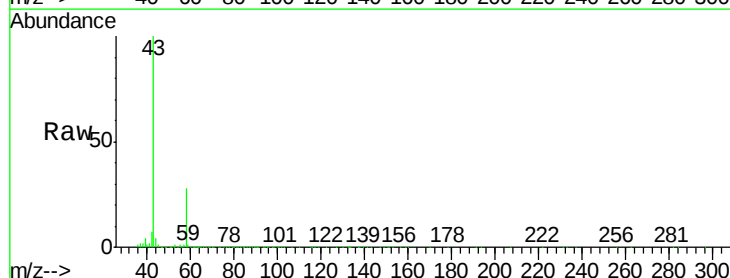
RT: 2.42 min Scan# 218

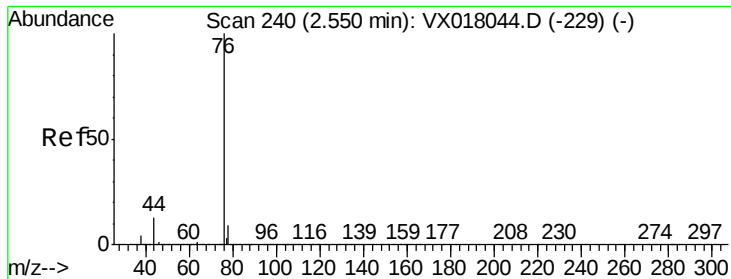
Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	43	Resp:	221702
Ion	Ratio	Lower	Upper
43	100		
58	28.1	25.5	38.3





#17

Carbon Disulfide

Concen: 17.213 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 76 Resp: 245503

Ion Ratio Lower Upper

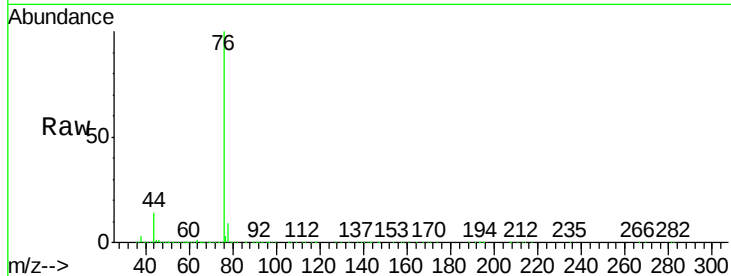
76 100

78 8.6 7.4 11.0

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

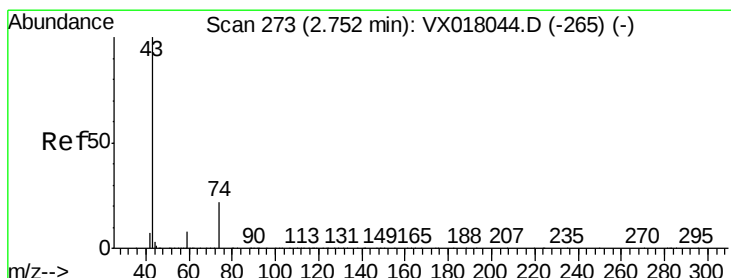
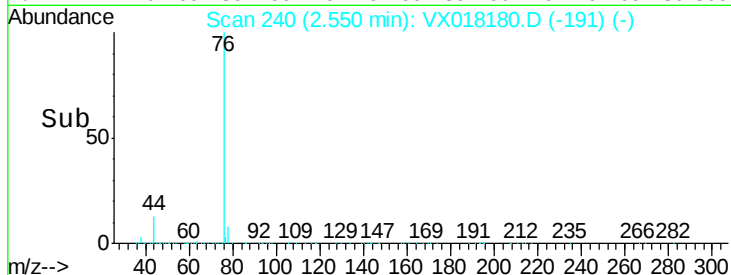
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.839 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018180.D

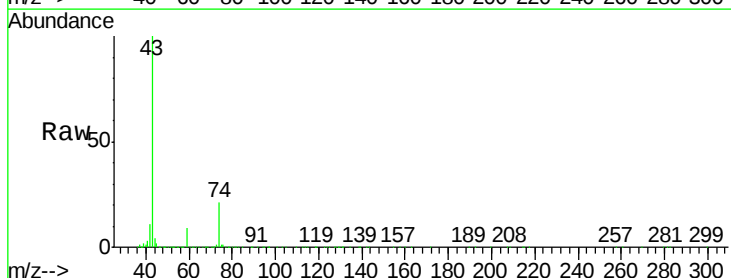
Acq: 01 Sep 2020 10:36

Tgt Ion: 43 Resp: 118730

Ion Ratio Lower Upper

43 100

74 22.7 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

80000

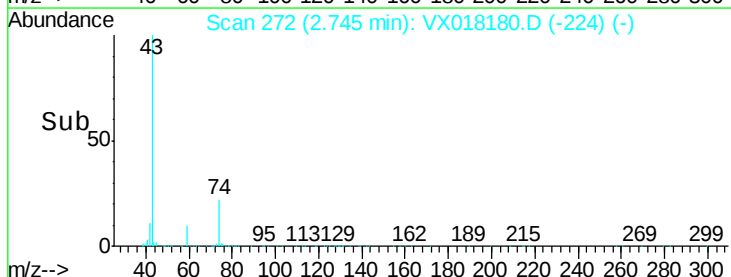
60000

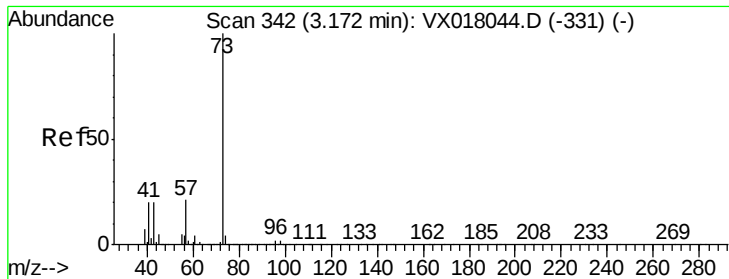
40000

20000

0

Time-->





#19

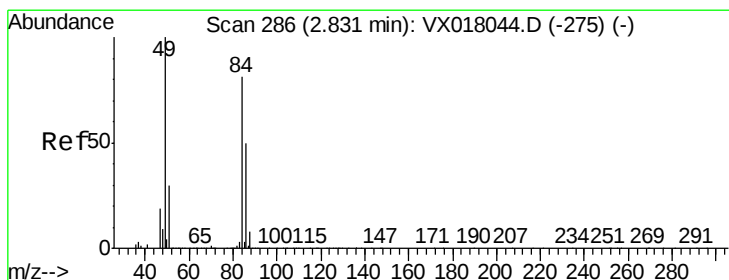
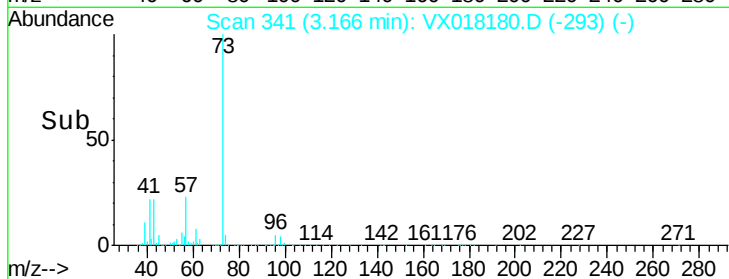
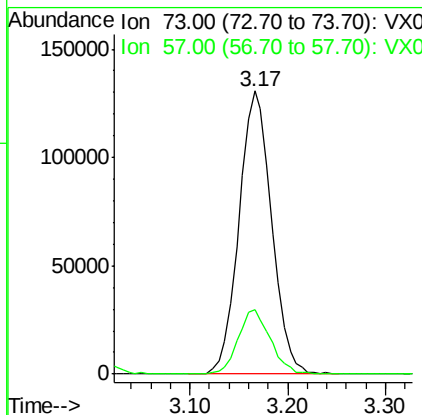
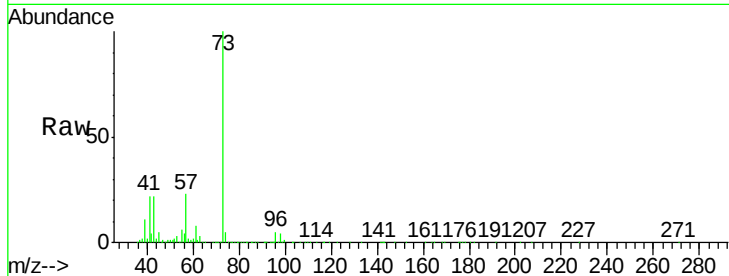
Methyl tert-butyl Ether
 Concen: 18.567 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	16.8	25.2

Manual Integrations
 APPROVED

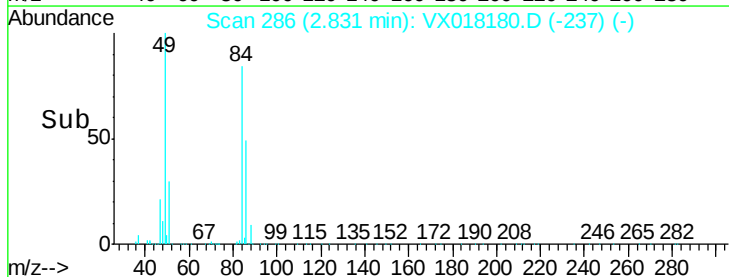
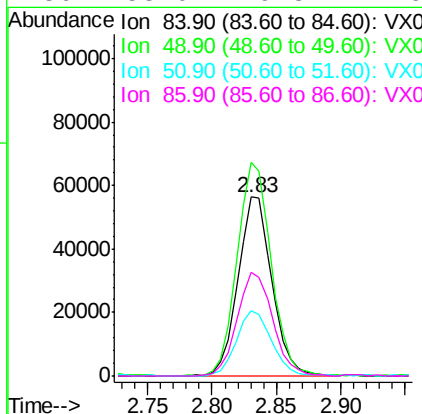
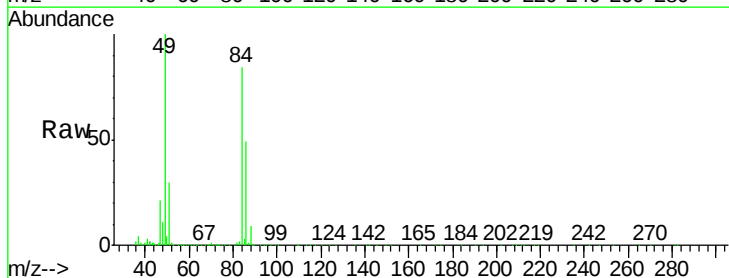
MMDadoda
 9/2/2020 2:23:12 PM

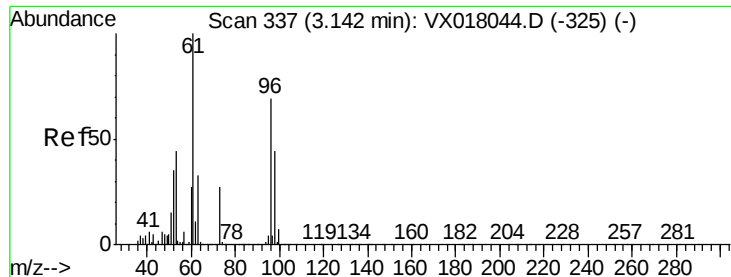


#20

Methylene Chloride
 Concen: 18.476 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.9	98.6	148.0
51	36.1	29.6	44.4
86	58.0	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 17.919 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

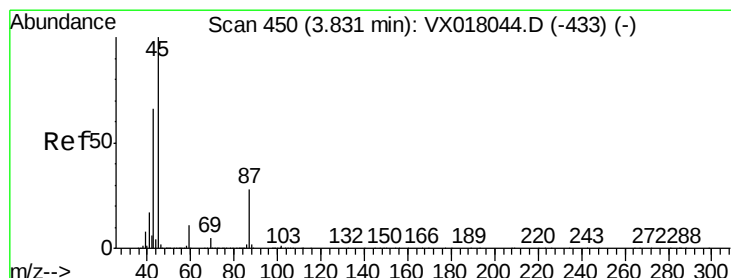
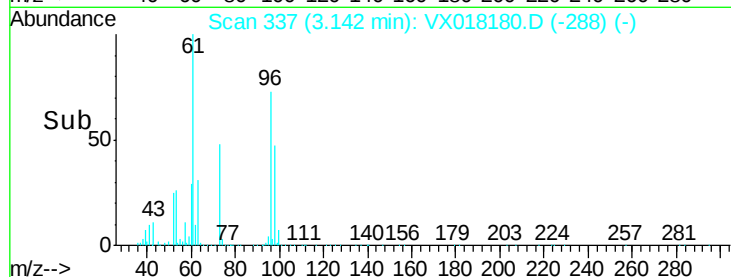
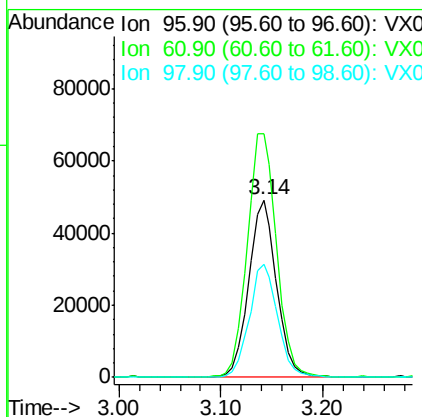
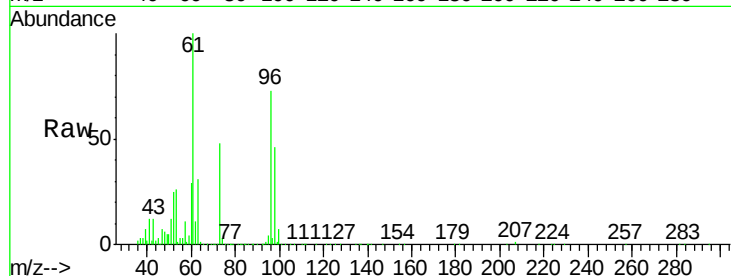
ClientSampleId :

VX0901WBS01

Tot Ion:	96	Resp:	93665
Ion	Ratio	Lower	Upper
96	100		
61	136.7	115.4	173.0
98	63.7	51.1	76.7

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#22

Diisopropyl ether

Concen: 18.449 ug/l

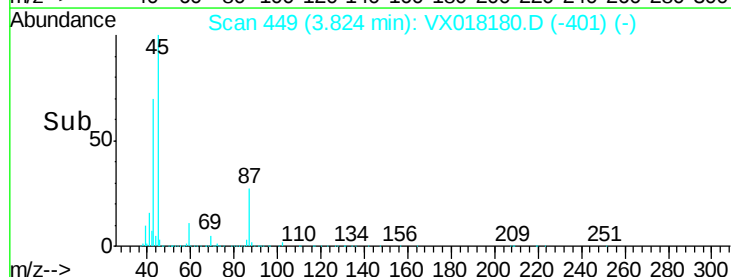
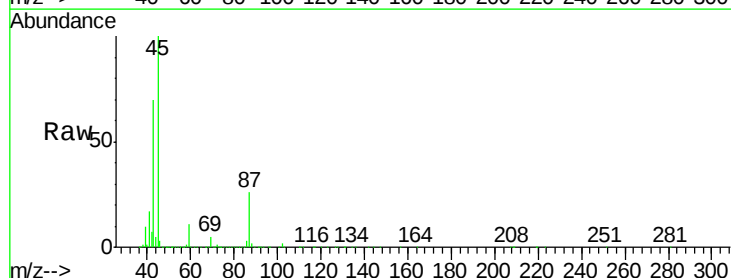
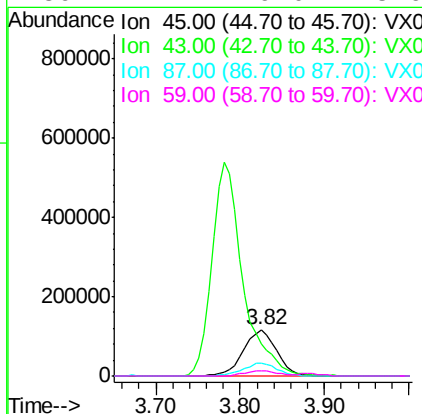
RT: 3.82 min Scan# 449

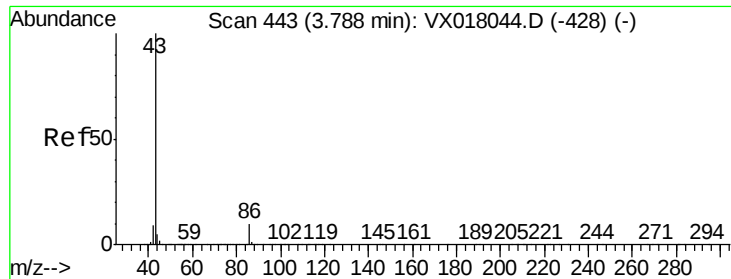
Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	45	Resp:	308650
Ion	Ratio	Lower	Upper
45	100		
43	68.7	52.8	79.2
87	26.4	22.5	33.7
59	11.1	9.0	13.6





#23

Vinyl Acetate

Concen: 92.152 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 43 Resp: 1371851

Ion Ratio Lower Upper

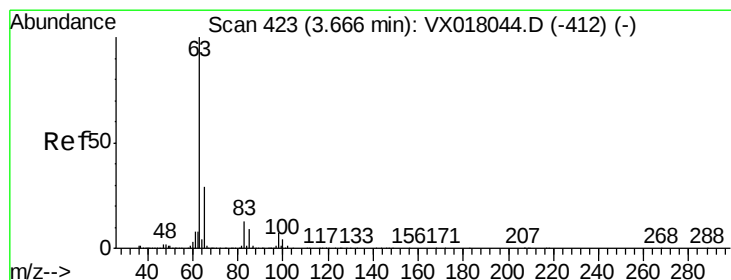
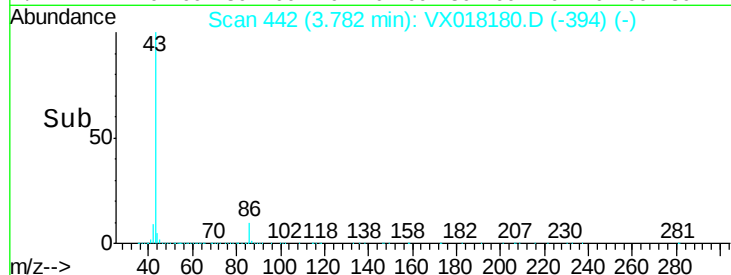
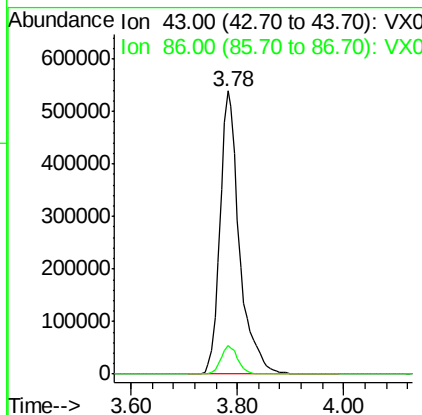
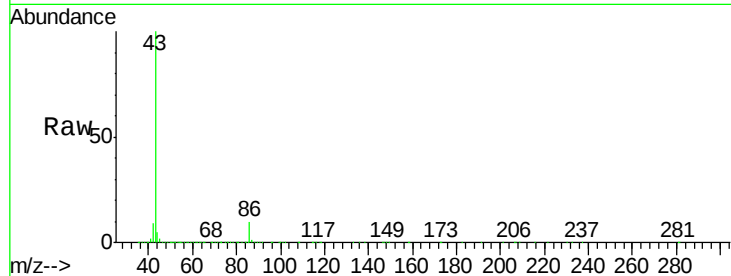
43 100

86 10.1 7.9 11.9

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#24

1,1-Dichloroethane

Concen: 18.621 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

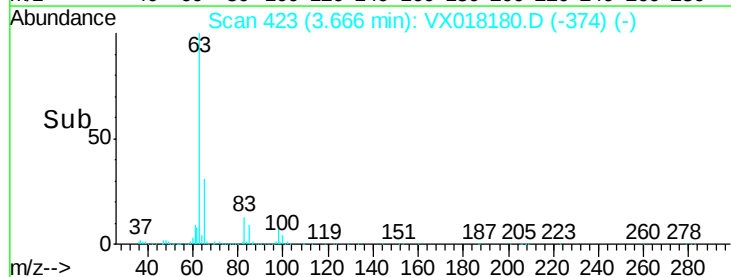
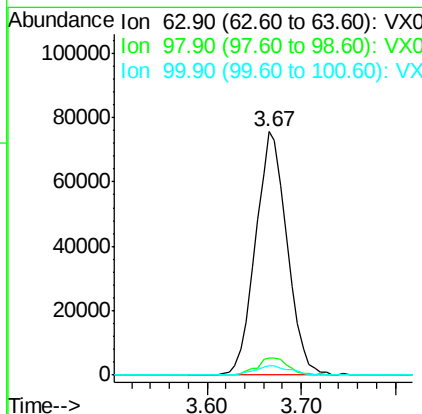
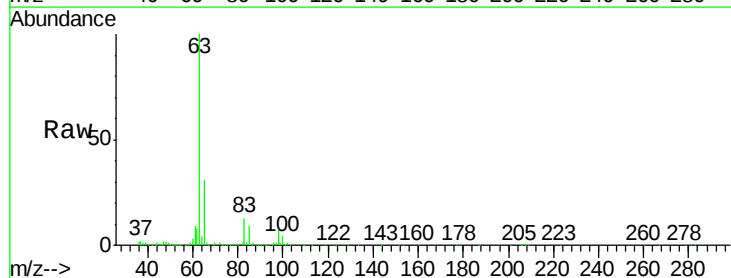
Tgt Ion: 63 Resp: 177341

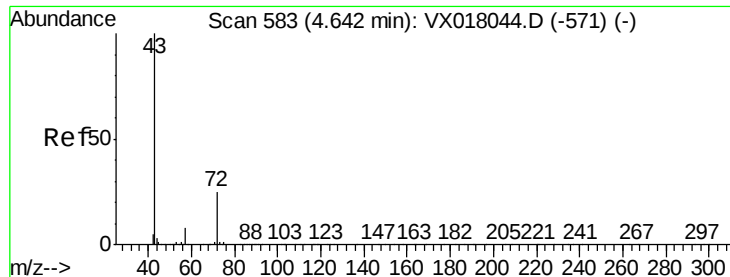
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 3.8 2.0 6.0





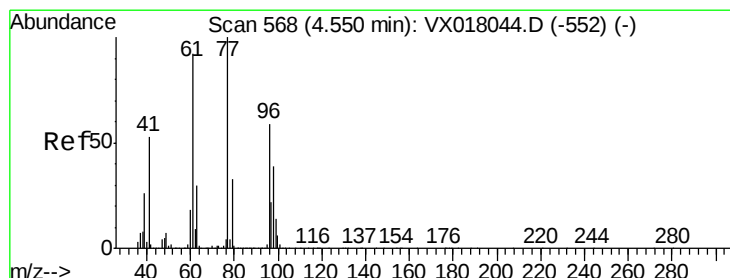
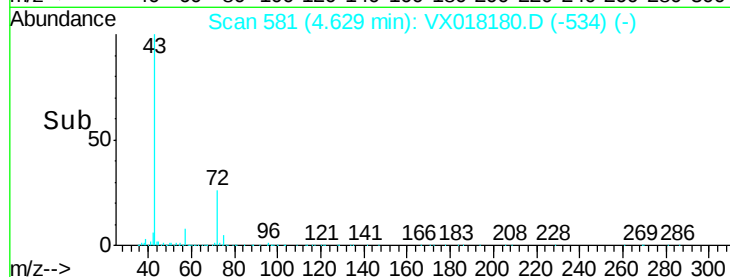
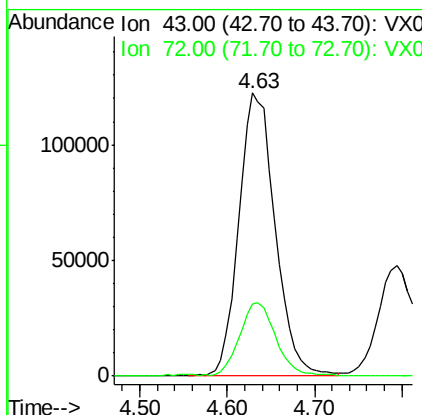
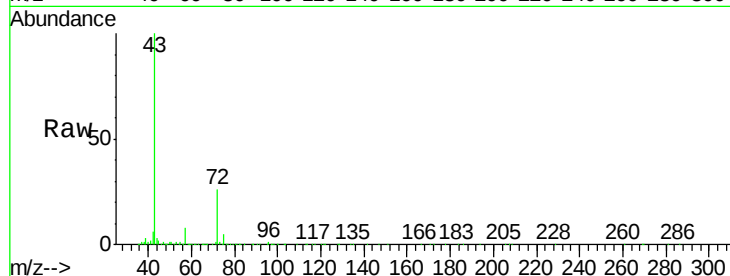
#25
2-Butanone
Concen: 81.917 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.2	19.8	29.6

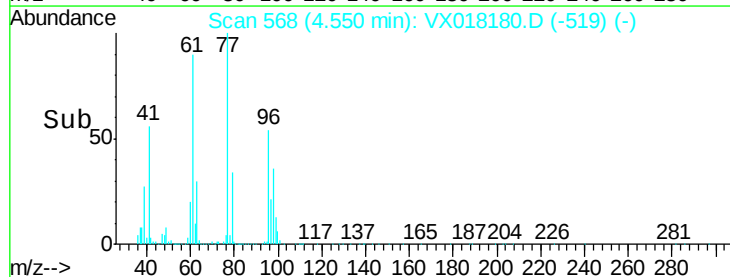
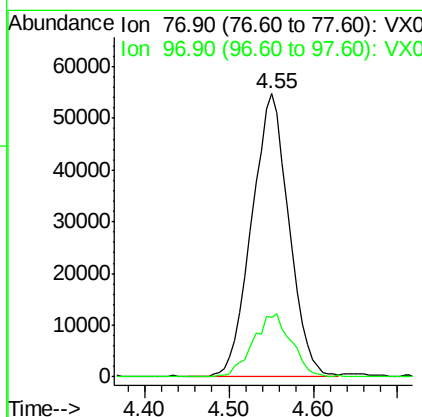
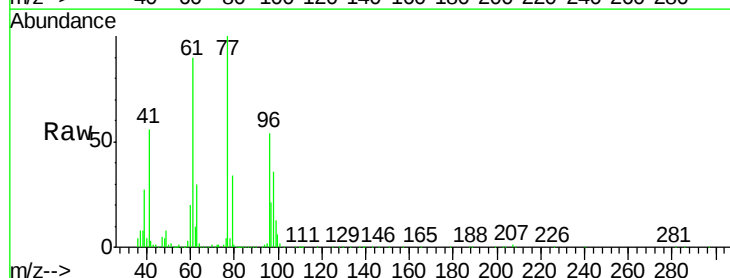
Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#26
2,2-Dichloropropane
Concen: 21.407 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
77	100		
97	23.0	11.5	34.5





#27

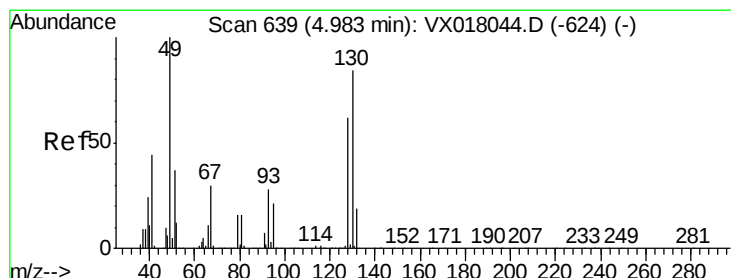
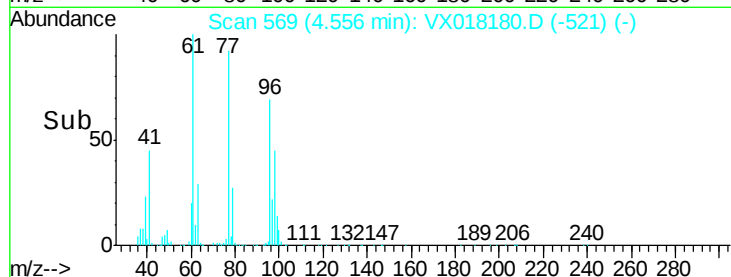
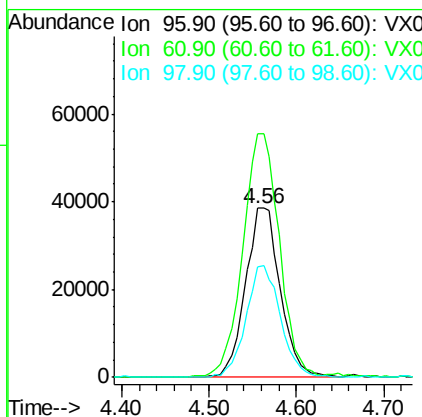
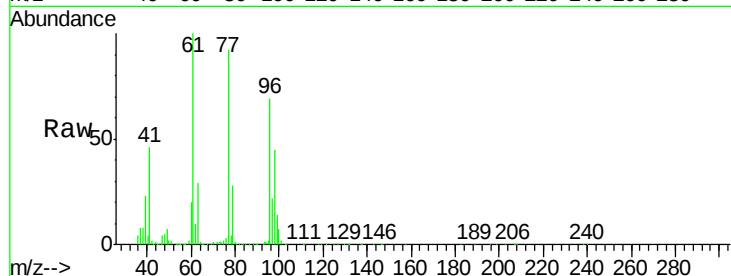
cis-1,2-Dichloroethene
 Concen: 17.686 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Tot Ion	Ratio	Resp Lower	Upper
96	100		
61	151.6	0.0	296.6
98	65.6	0.0	130.2

Manual Integrations
 APPROVED

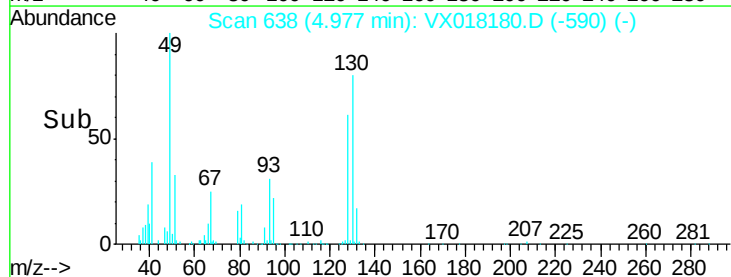
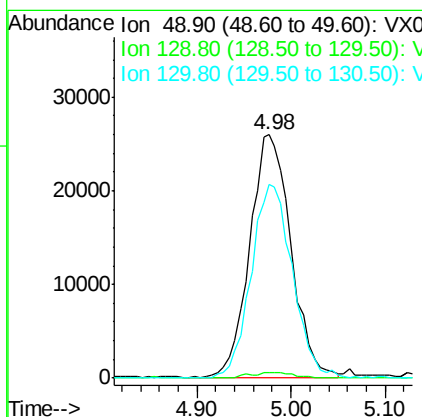
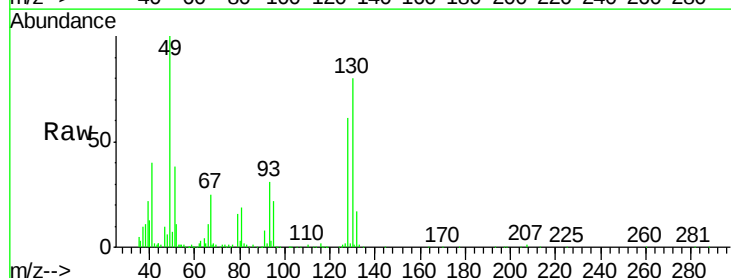
MMDadoda
 9/2/2020 2:23:12 PM

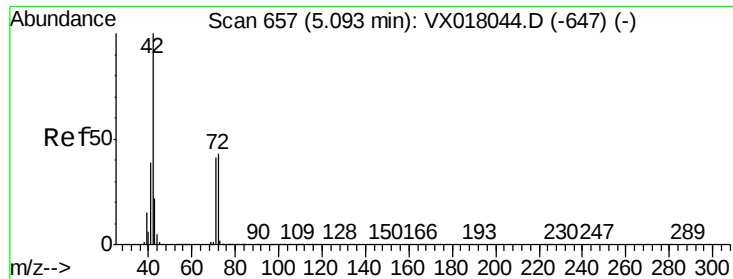


#28

Bromochloromethane
 Concen: 17.271 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp Lower	Upper
49	100		
129	2.5	0.0	4.6
130	79.8	64.6	96.8





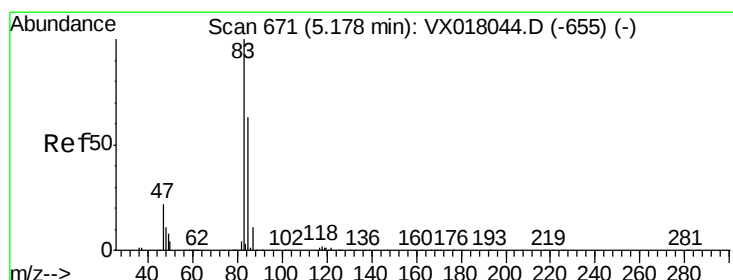
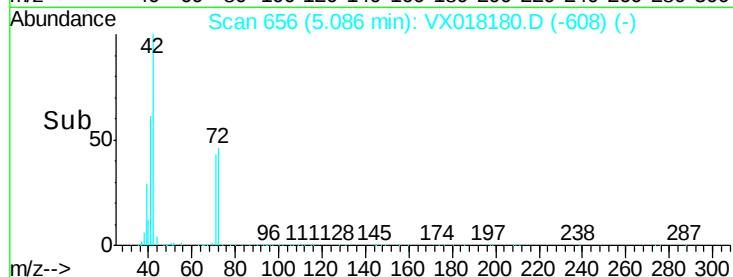
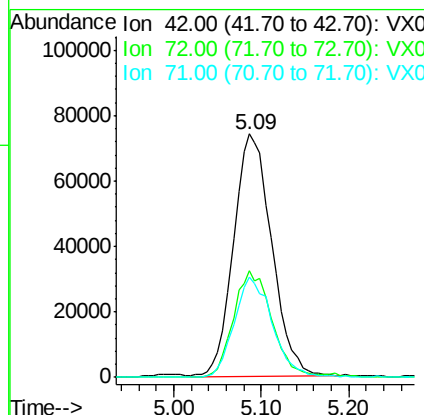
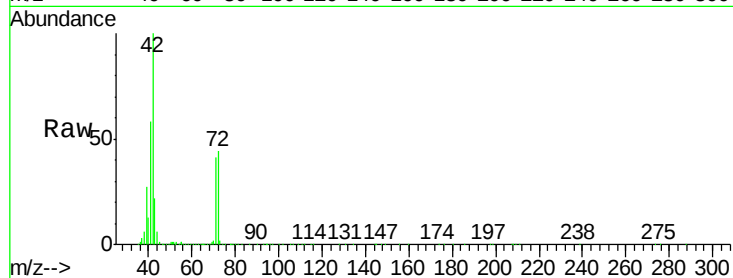
#29
Tetrahydrofuran
Concen: 81.954 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.2	34.2	51.4
71	41.7	32.1	48.1

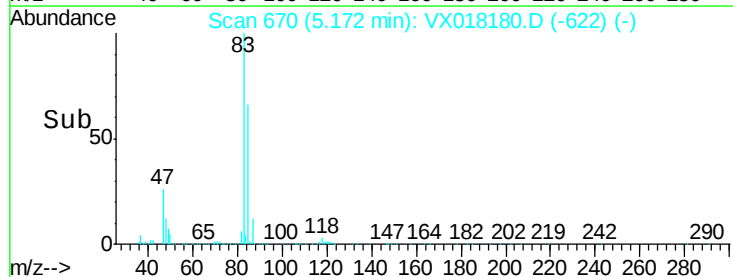
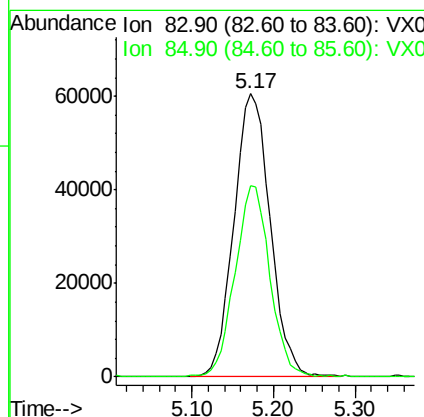
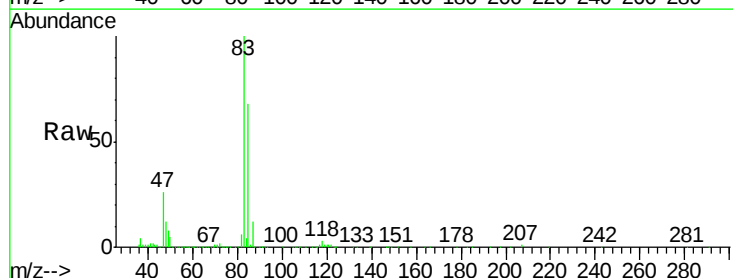
Manual Integrations
APPROVED

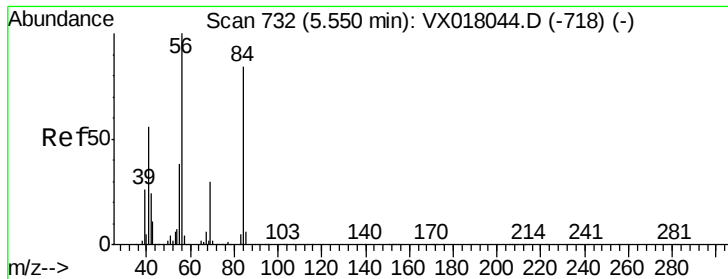
MMDadoda
9/2/2020 2:23:12 PM



#30
Chloroform
Concen: 18.832 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.5	50.7	76.1





#31

Cyclohexane

Concen: 18.045 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

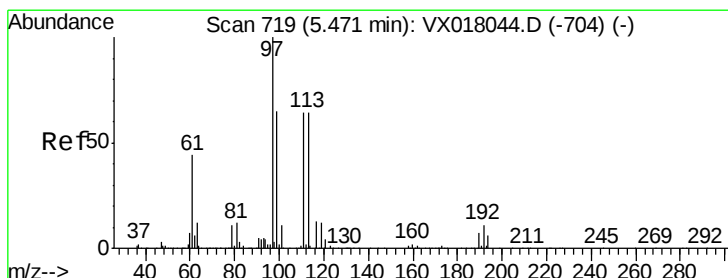
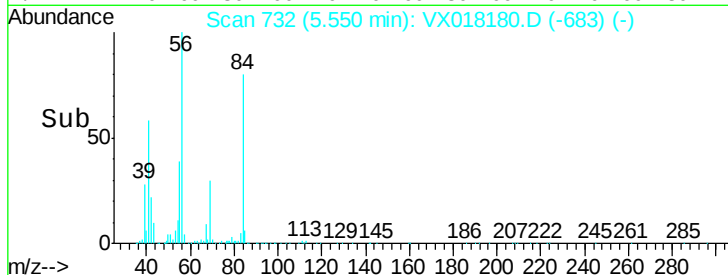
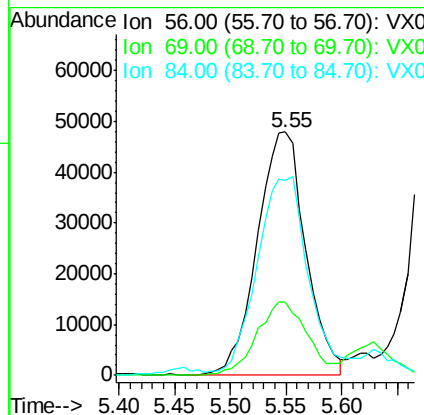
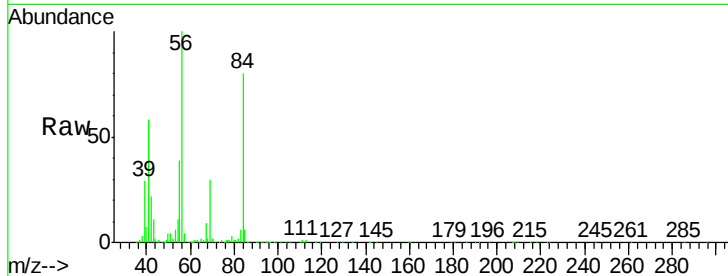
ClientSampleId :

VX0901WBS01

Tot Ion:	56	Resp:	144761
Ion	Ratio	Lower	Upper
56	100		
69	29.7	23.9	35.9
84	78.2	67.0	100.4

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#32

1,1,1-Trichloroethane

Concen: 20.033 ug/l

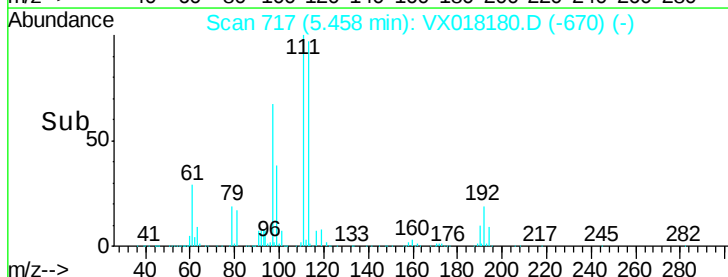
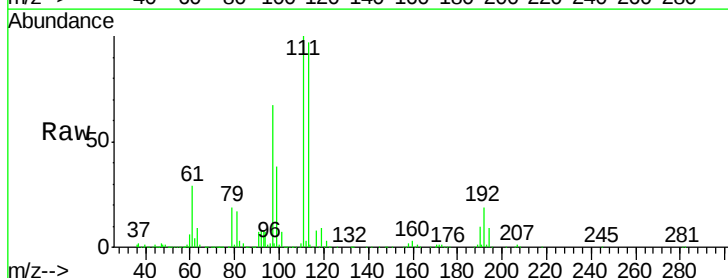
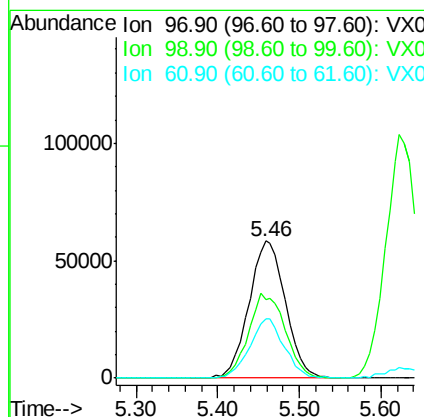
RT: 5.46 min Scan# 717

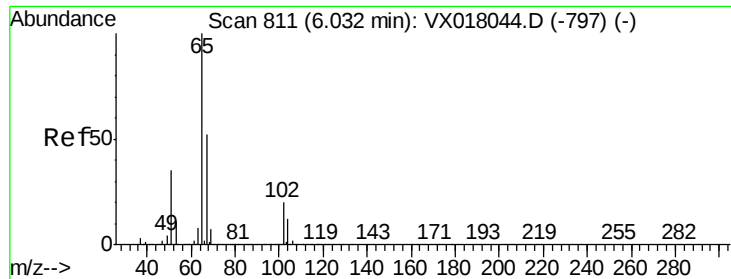
Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	97	Resp:	181286
Ion	Ratio	Lower	Upper
97	100		
99	62.1	51.4	77.0
61	41.5	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 47.892 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 65 Resp: 320991

Ion Ratio Lower Upper

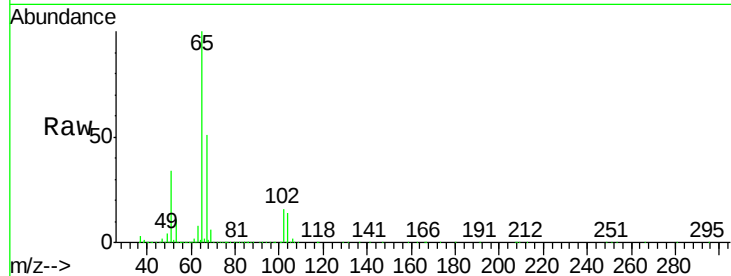
65 100

67 50.6 0.0 105.8

Manual Integrations
APPROVED

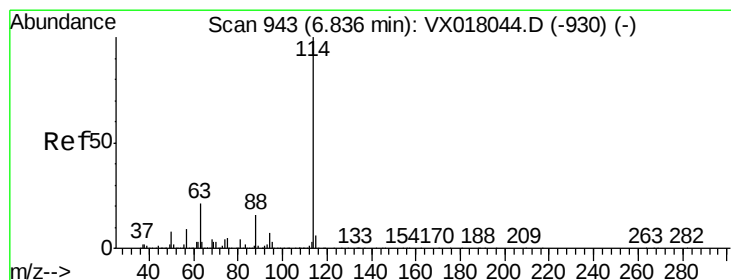
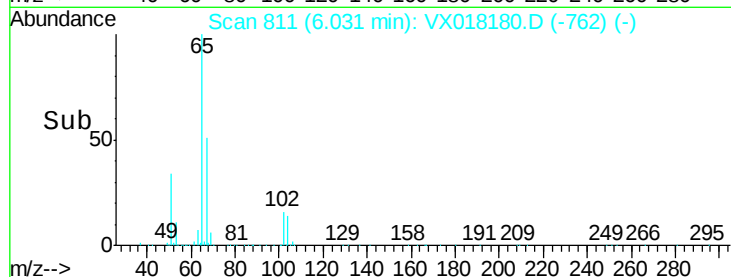
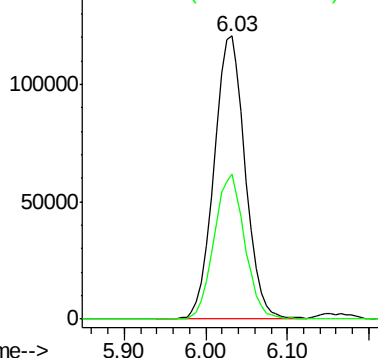
MMDadoda

9/2/2020 2:23:12 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

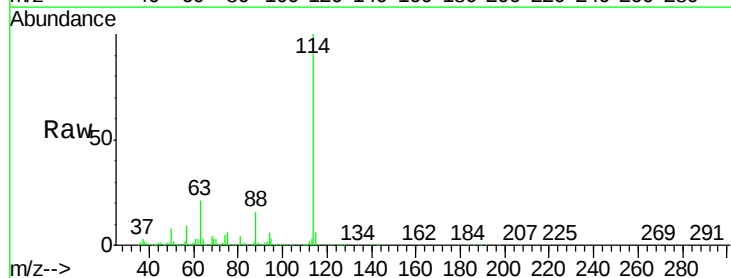
Tgt Ion: 114 Resp: 742894

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

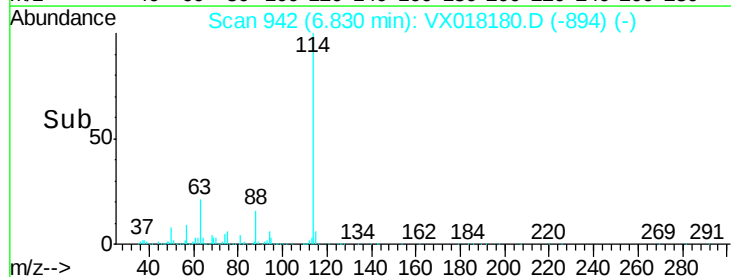
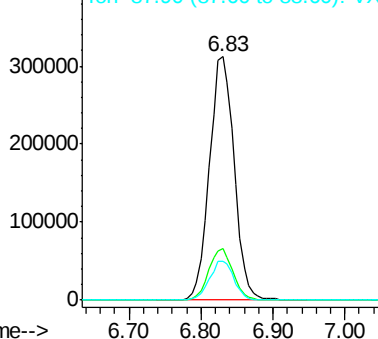
88 15.7 0.0 31.8

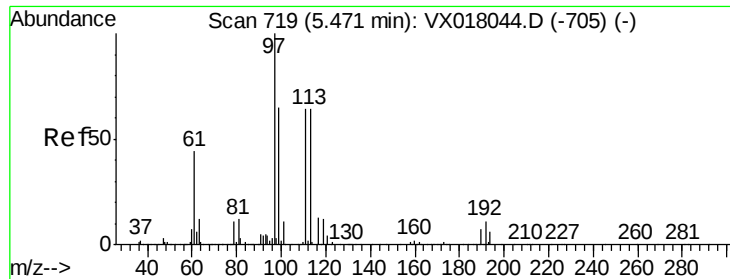


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





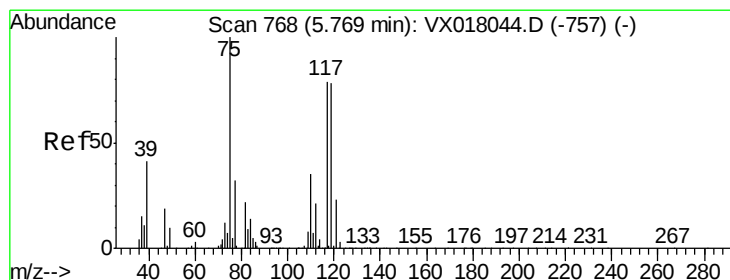
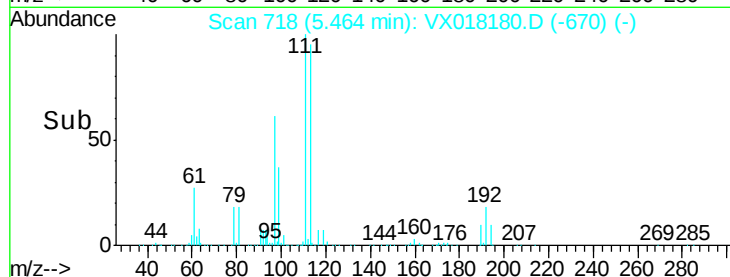
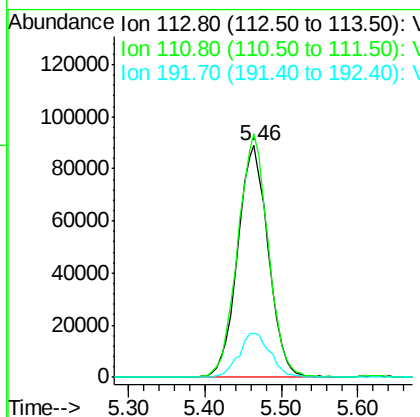
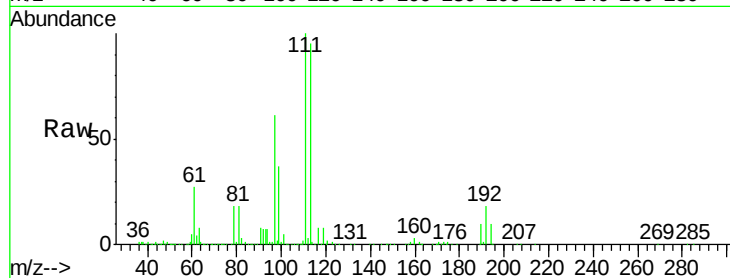
#35
Dibromofluoromethane
Concen: 48.948 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	247651		
111	104.4	81.6	122.4	
192	19.6	15.8	23.8	

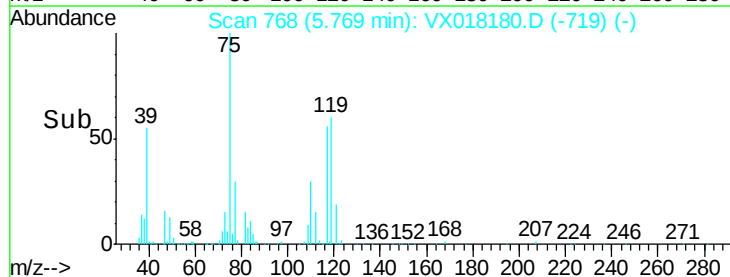
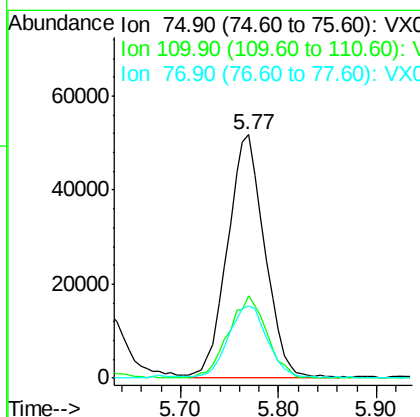
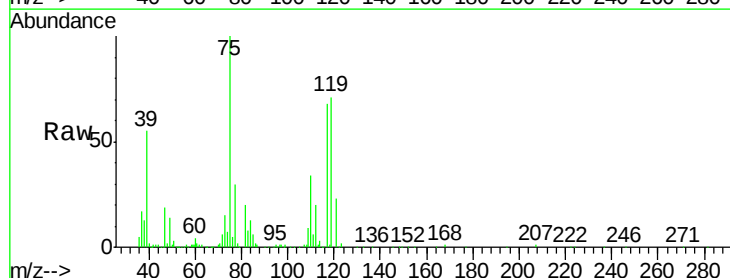
Manual Integrations
APPROVED

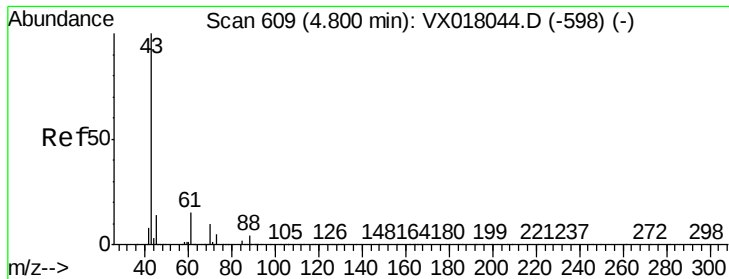
MMDadoda
9/2/2020 2:23:12 PM



#36
1,1-Dichloropropene
Concen: 19.719 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135118		
110	35.3	18.0	54.0	
77	30.7	24.4	36.6	





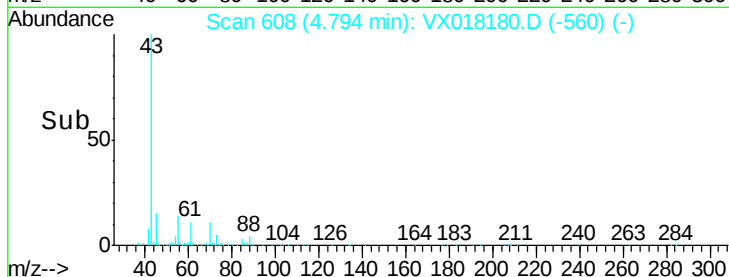
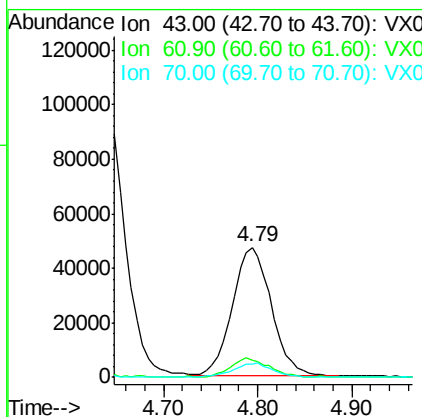
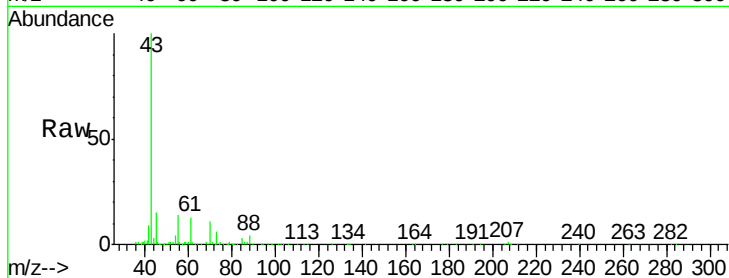
#37
Ethyl Acetate
Concen: 17.269 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.3	16.9
70	11.0	8.2	12.4

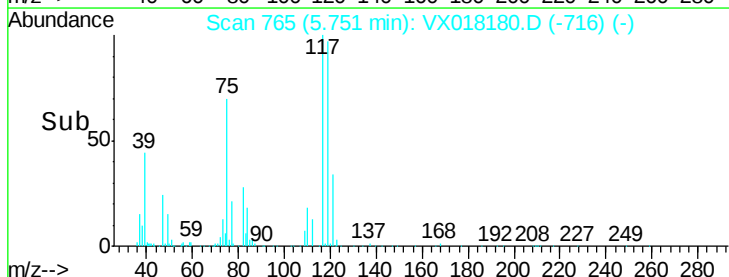
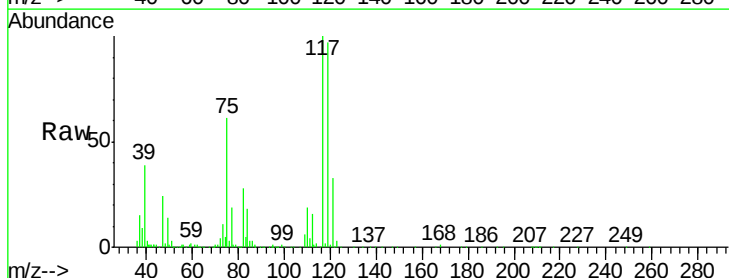
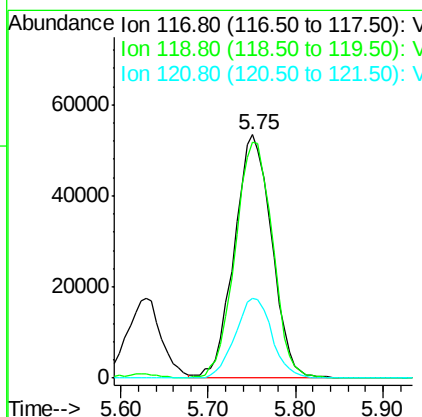
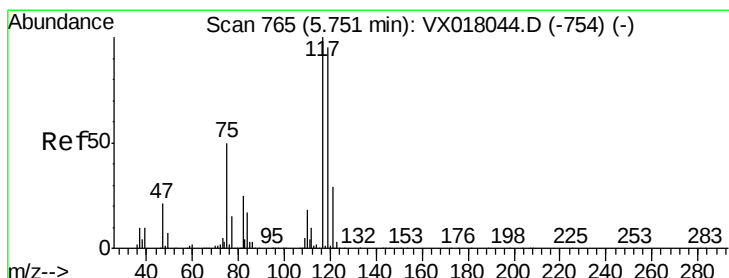
Manual Integrations
APPROVED

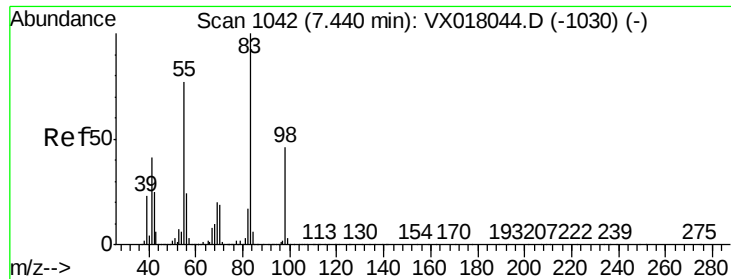
MMDadoda
9/2/2020 2:23:12 PM



#38
Carbon Tetrachloride
Concen: 20.542 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	75.8	113.6
121	33.0	23.4	35.0





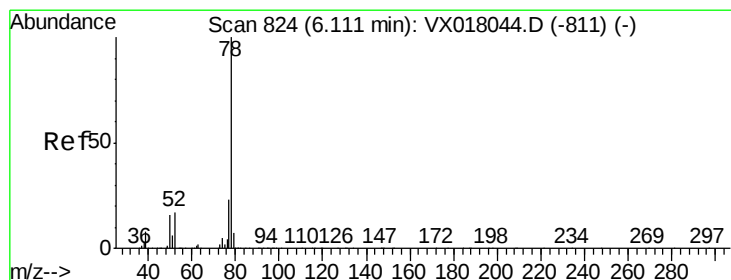
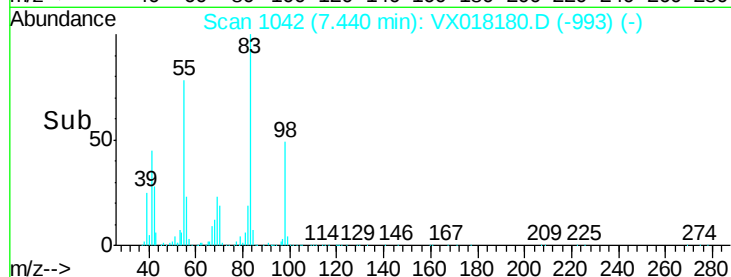
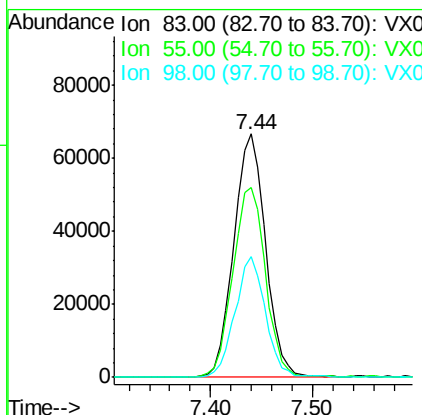
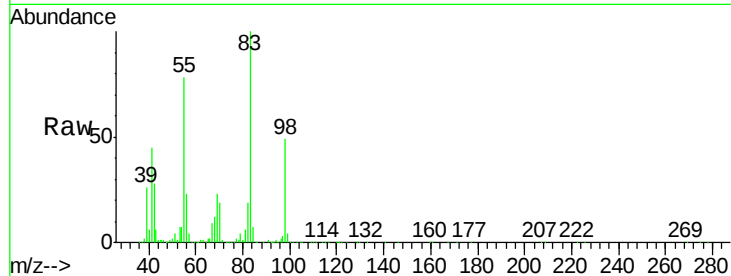
#39
Methvlcvclohexane
Concen: 19.203 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.8	92.6
98	49.3	36.6	55.0

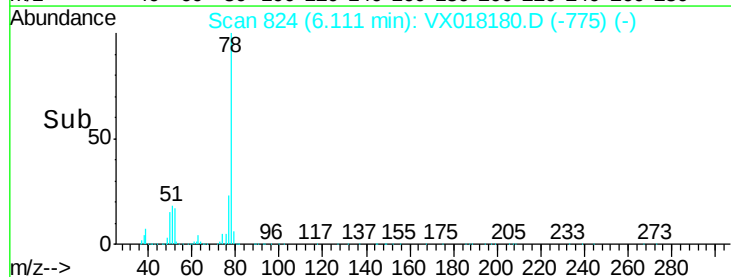
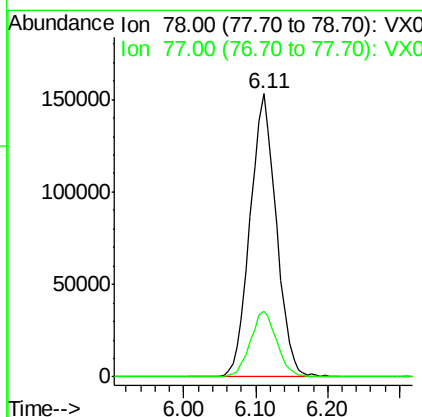
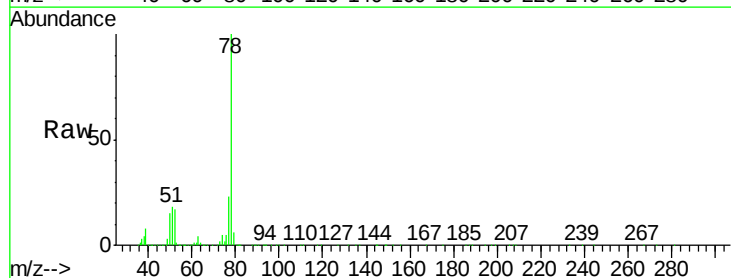
Manual Integrations
APPROVED

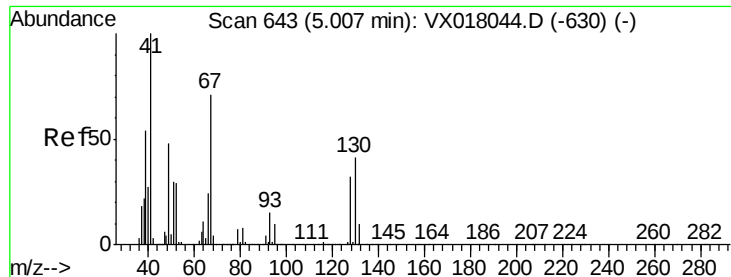
MMDadoda
9/2/2020 2:23:12 PM



#40
Benzene
Concen: 19.285 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.2	27.2





#41

Methacrylonitrile

Concen: 17.478 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

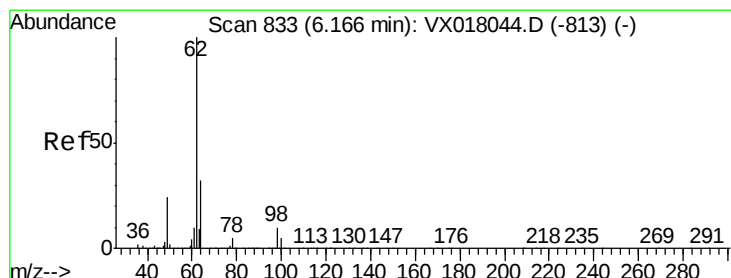
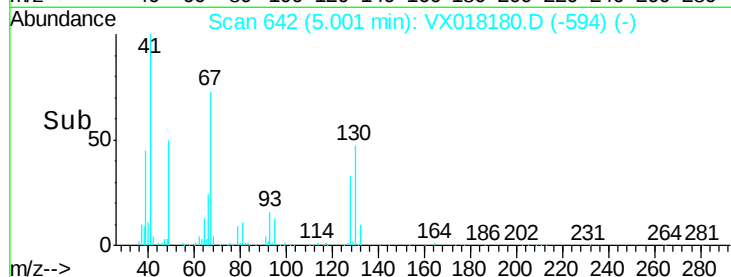
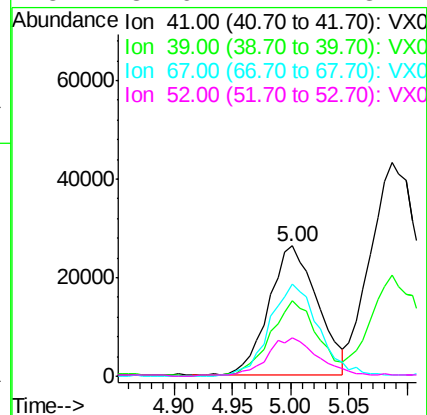
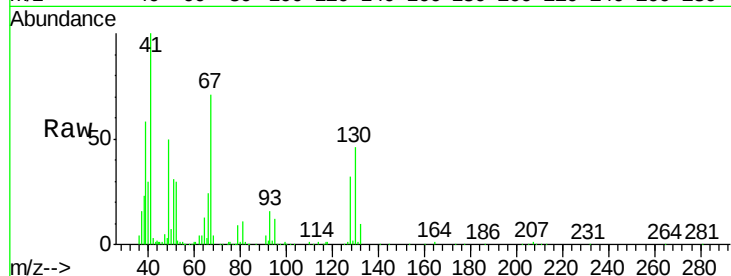
ClientSampleId :

VX0901WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.6	43.1	64.7	
67	71.5	56.0	84.0	
52	31.6	22.7	34.1	

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#42

1,2-Dichloroethane

Concen: 20.370 ug/l

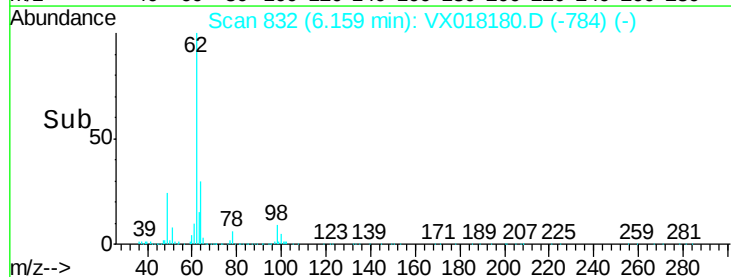
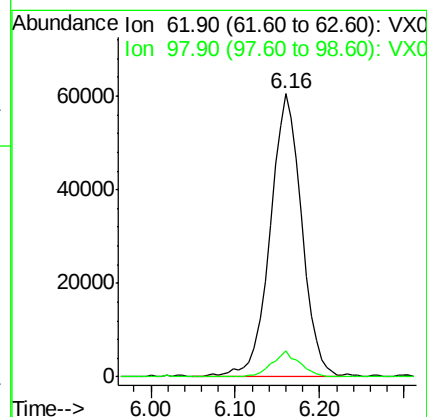
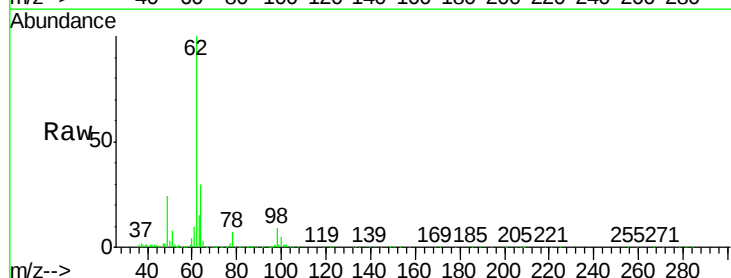
RT: 6.16 min Scan# 832

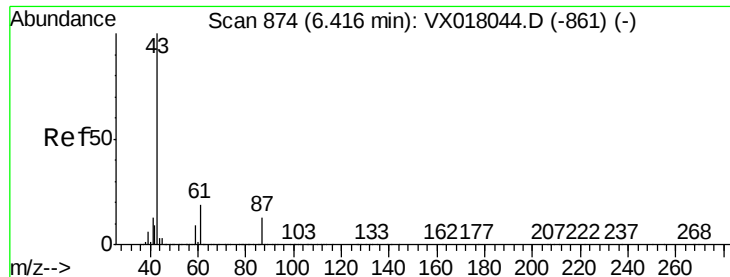
Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.1	0.0	18.2	





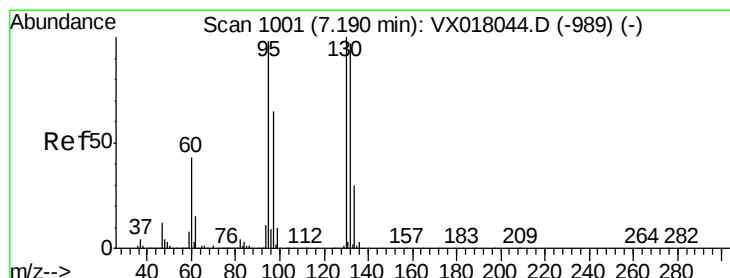
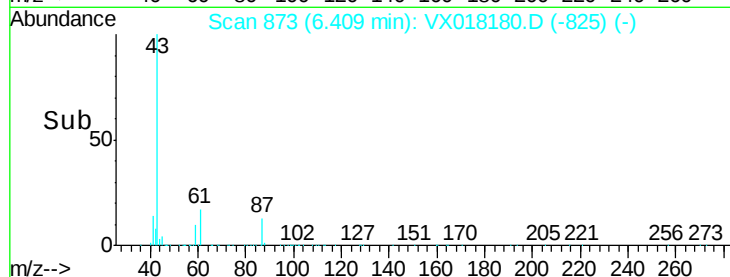
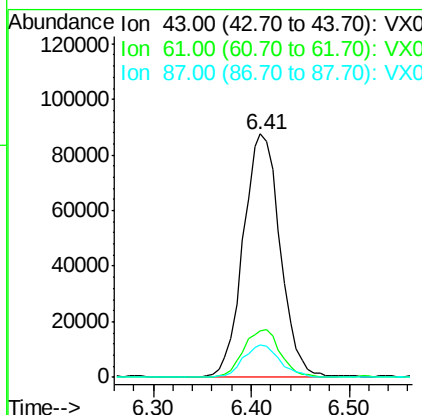
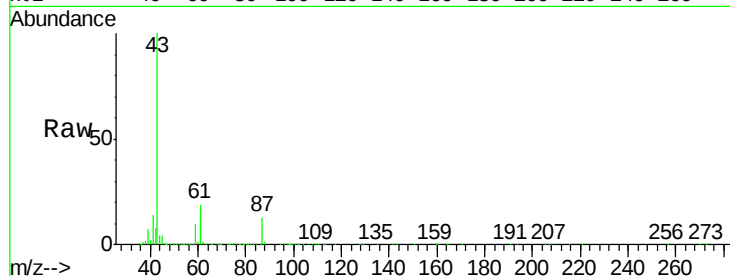
#43
Isopropyl Acetate
Concen: 17.683 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.7	23.5
87	13.3	10.3	15.5

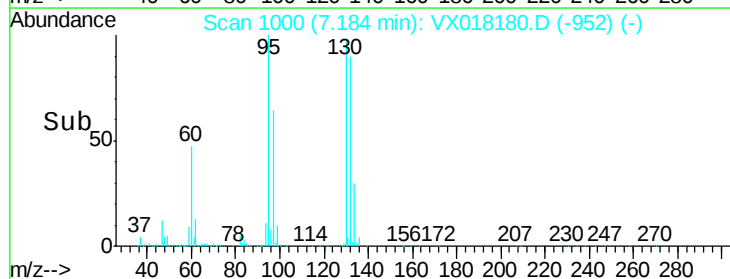
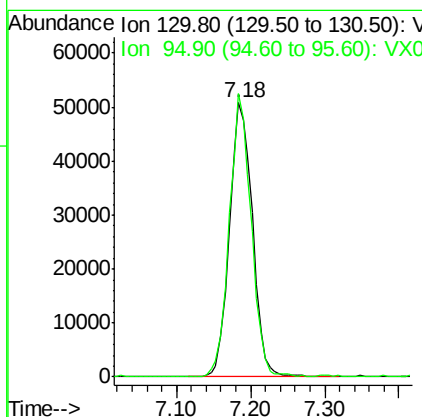
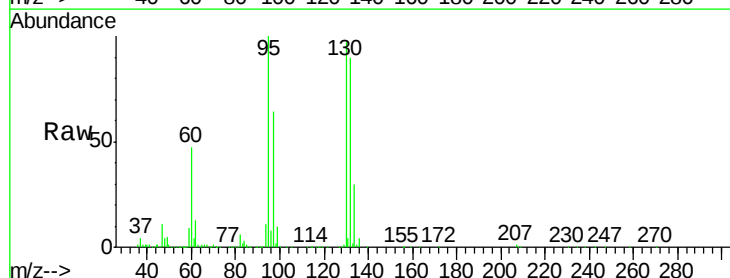
Manual Integrations
APPROVED

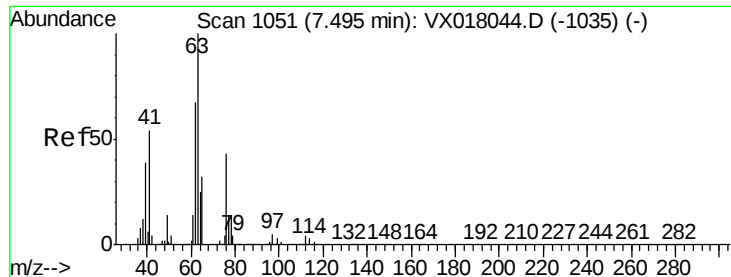
MMDadoda
9/2/2020 2:23:12 PM



#44
Trichloroethene
Concen: 19.375 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.0	0.0	196.4





#45

1,2-Dichloropropane

Concen: 18.885 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 63 Resp: 102478

Ion Ratio Lower Upper

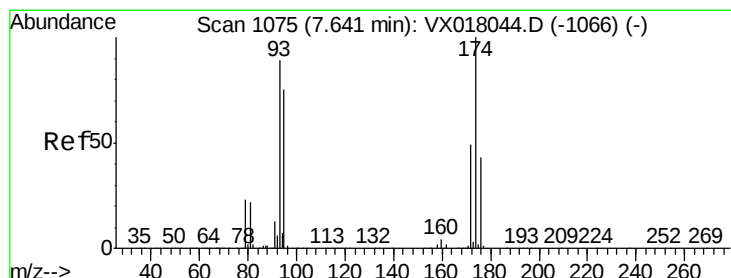
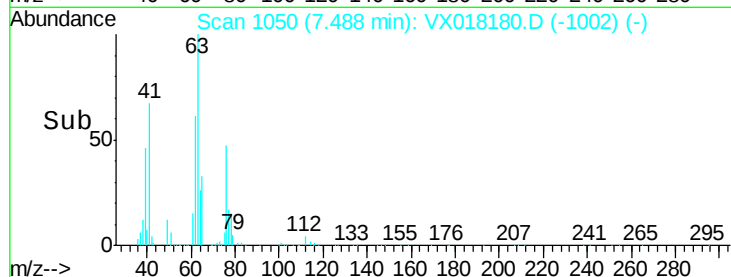
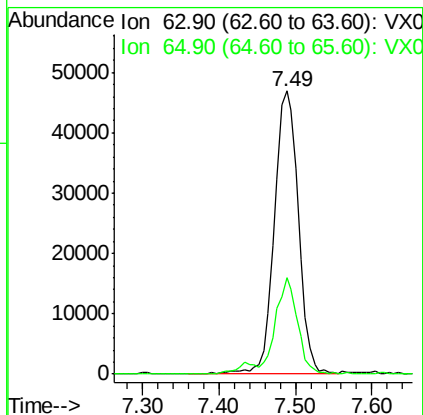
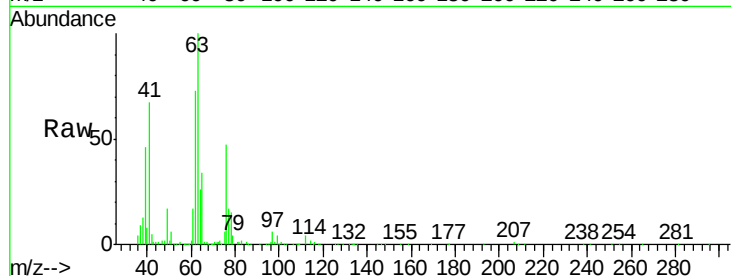
63 100

65 34.1 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#46

Dibromomethane

Concen: 18.828 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

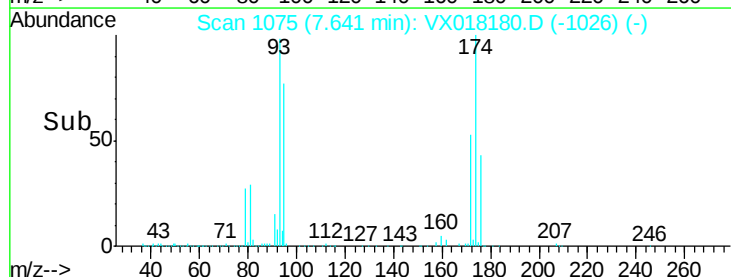
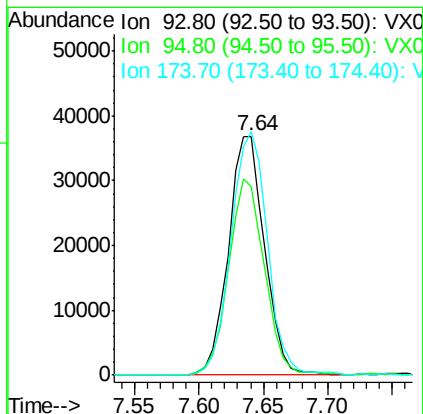
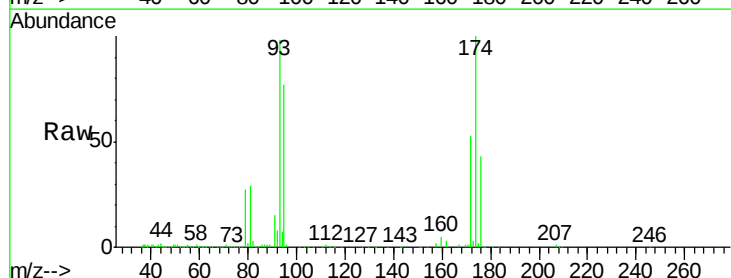
Tgt Ion: 93 Resp: 71849

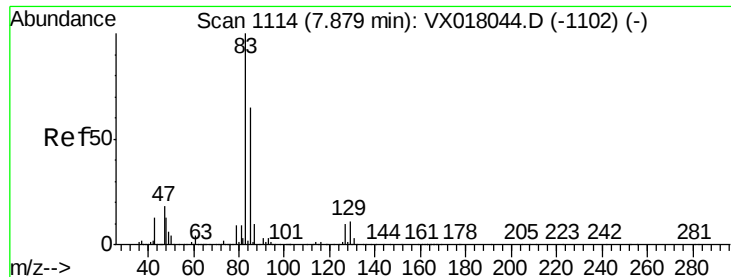
Ion Ratio Lower Upper

93 100

95 82.1 67.3 100.9

174 103.0 82.2 123.2





#47

Bromodichloromethane

Concen: 19.727 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

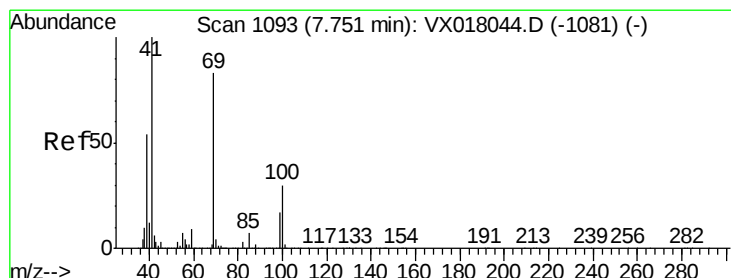
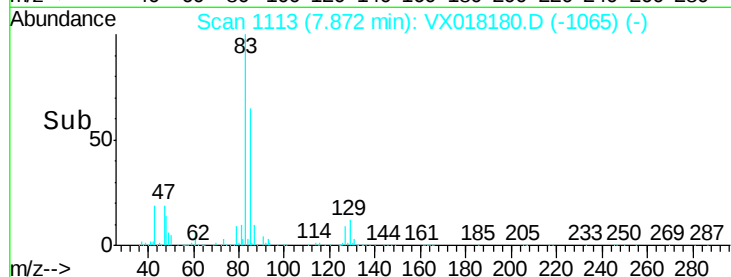
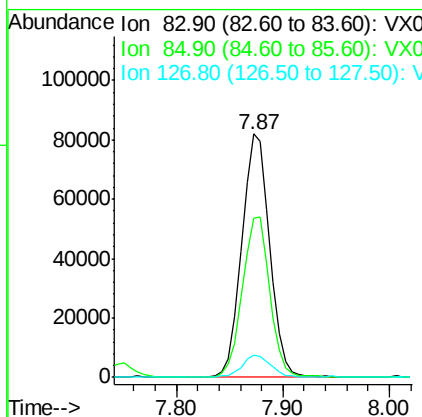
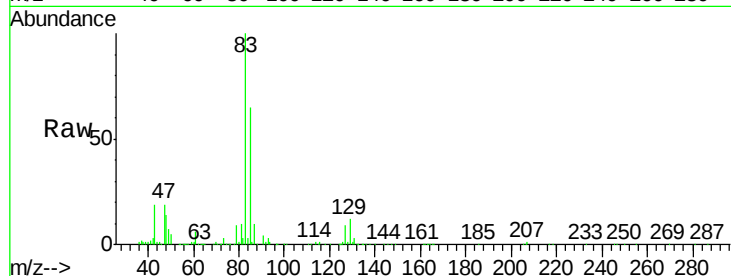
ClientSampleId :

VX0901WBS01

Tot Ion:	83	Resp:	150308
Ion Ratio	Lower	Upper	
83	100		
85	65.5	51.8	77.6
127	9.1	7.7	11.5

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#48

Methyl methacrylate

Concen: 17.687 ug/l

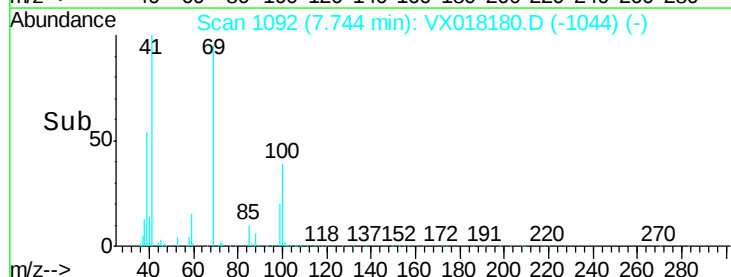
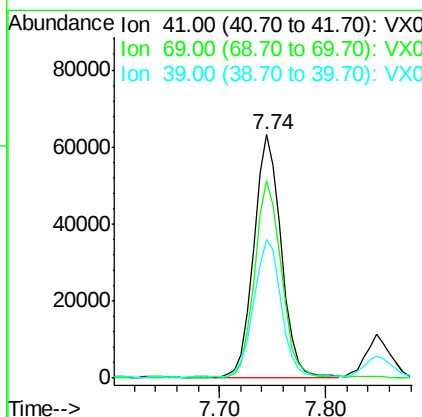
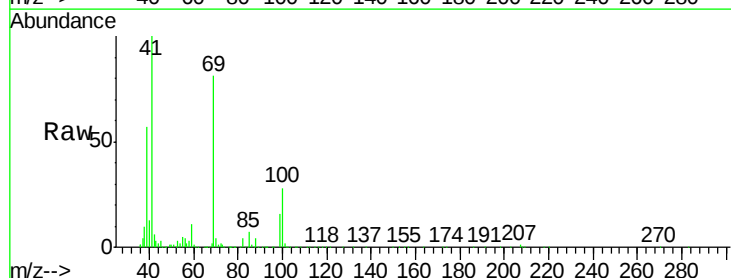
RT: 7.74 min Scan# 1092

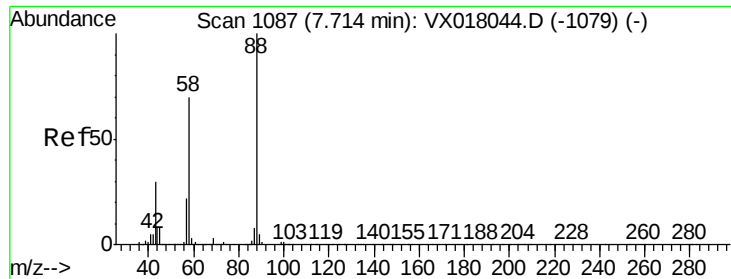
Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	41	Resp:	113178
Ion Ratio	Lower	Upper	
41	100		
69	80.5	65.5	98.3
39	57.1	44.5	66.7





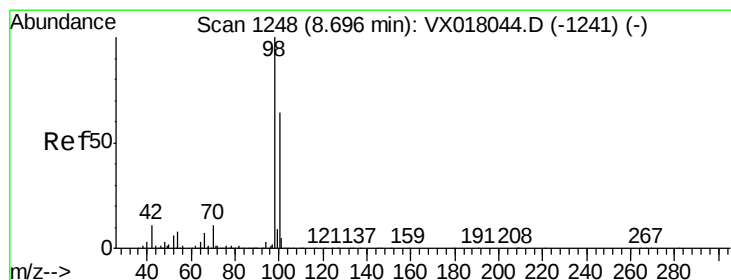
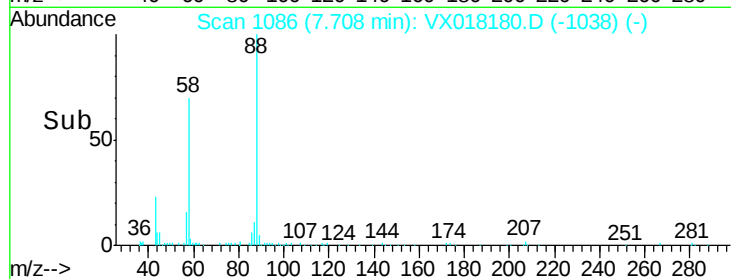
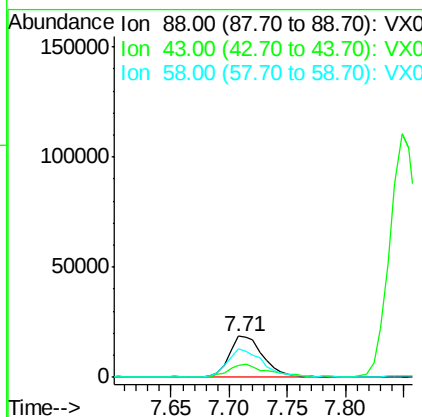
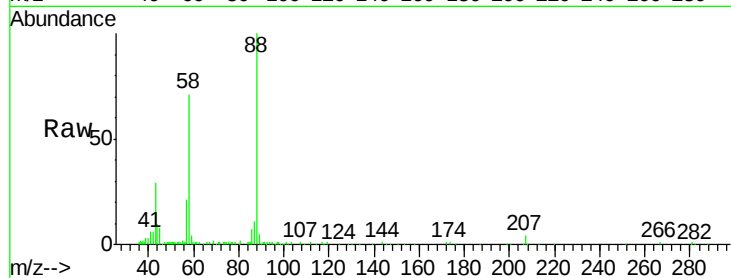
#49
1,4-Dioxane
Concen: 328.765 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.4	41.0
58	74.0	56.4	84.6

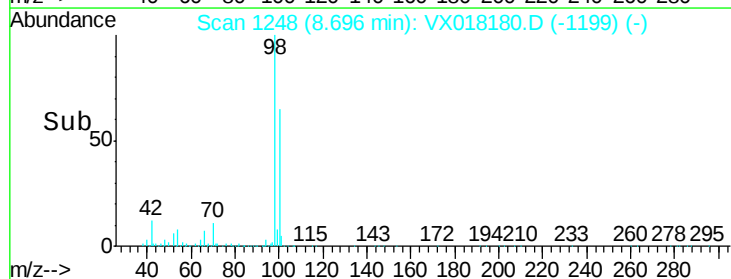
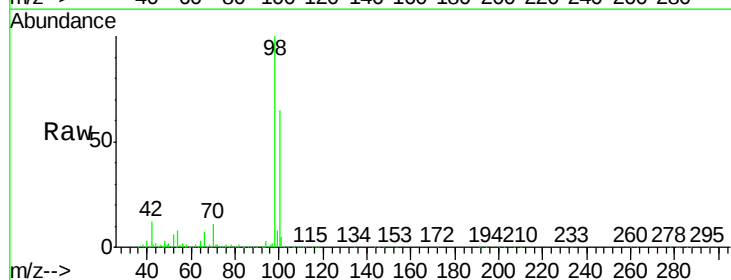
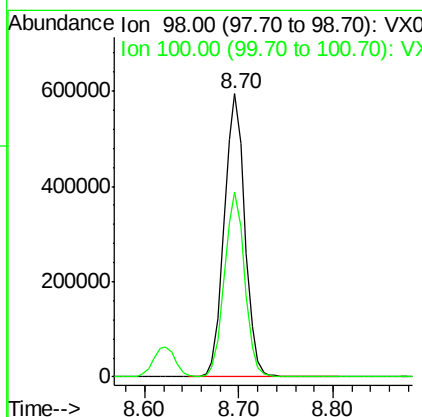
Manual Integrations
APPROVED

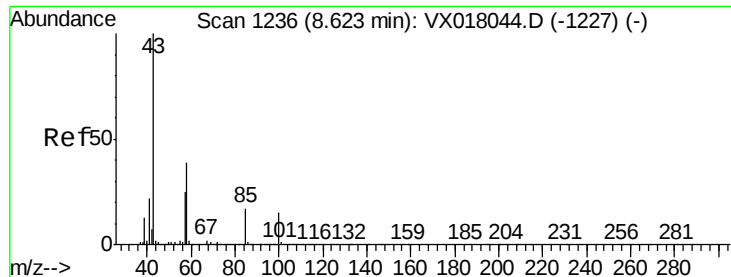
MMDadoda
9/2/2020 2:23:12 PM



#50
Toluene-d8
Concen: 47.783 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 88.100 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 43 Resp: 699518

Ion Ratio Lower Upper

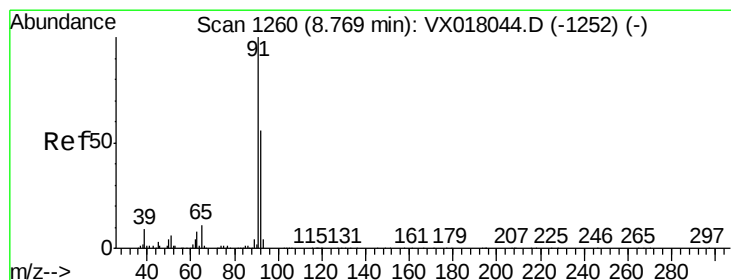
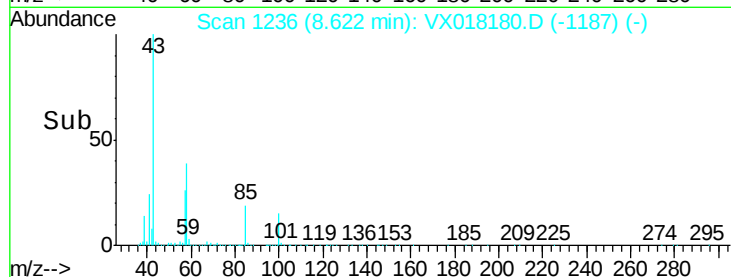
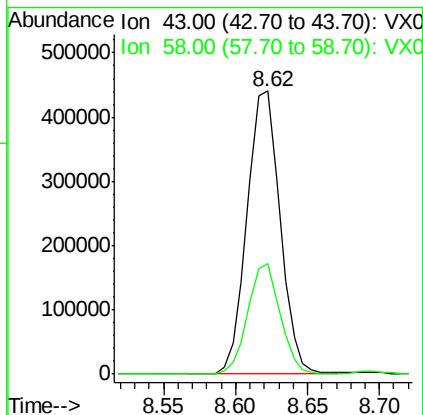
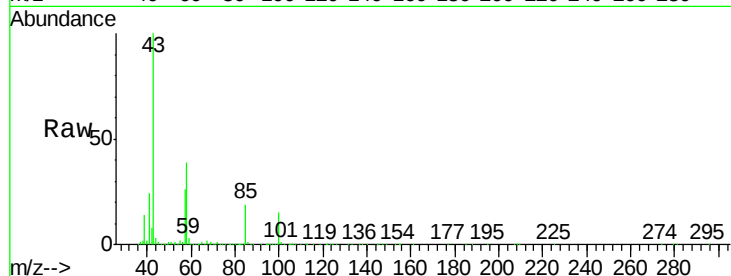
43 100

58 38.4 30.7 46.1

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#52

Toluene

Concen: 19.319 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018180.D

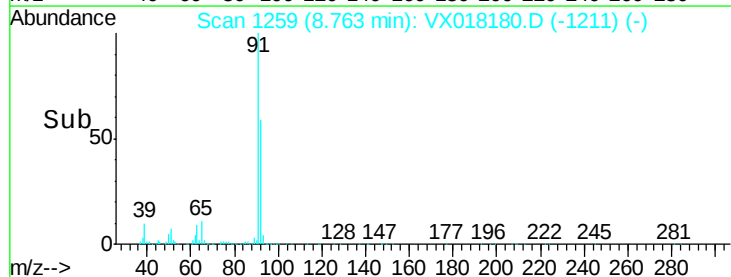
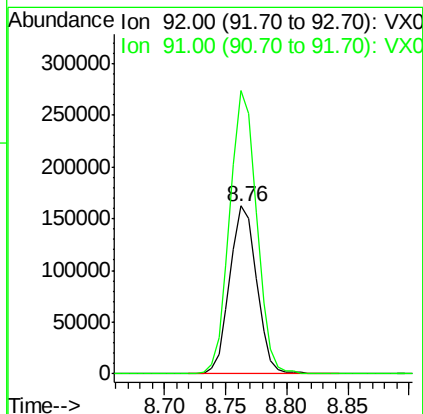
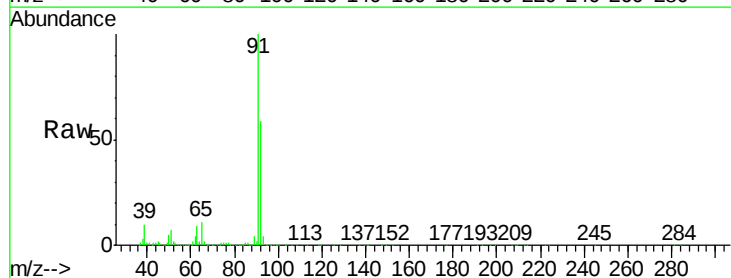
Acq: 01 Sep 2020 10:36

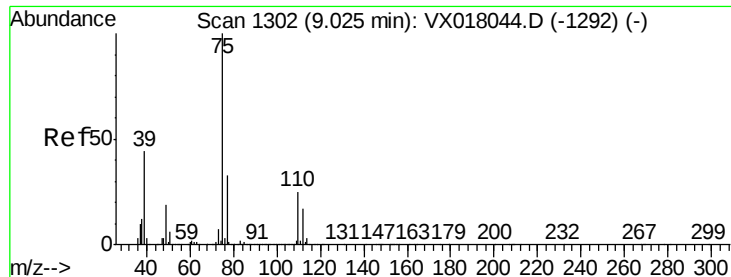
Tgt Ion: 92 Resp: 246648

Ion Ratio Lower Upper

92 100

91 169.2 140.3 210.5





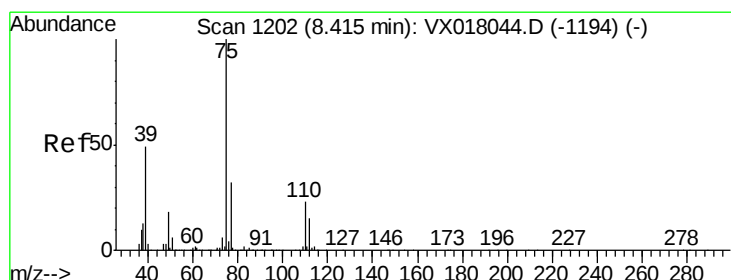
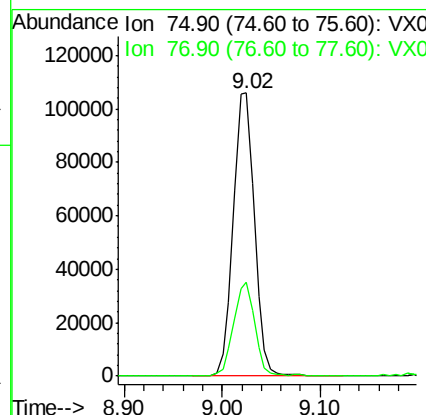
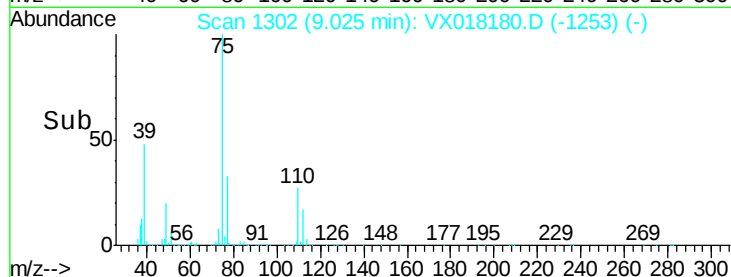
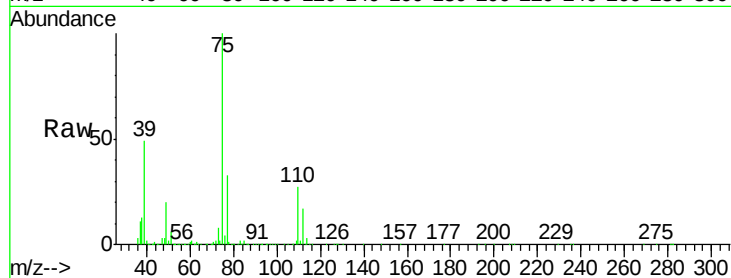
#53
t-1,3-Dichloropropene
Concen: 19.008 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	33.0	26.6	39.8

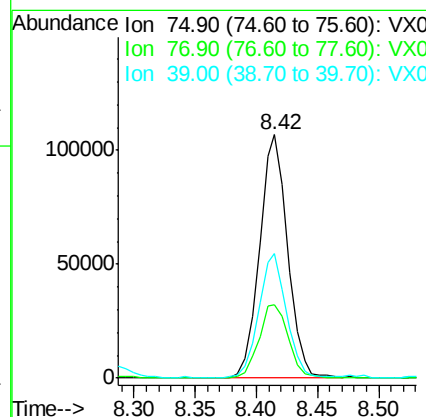
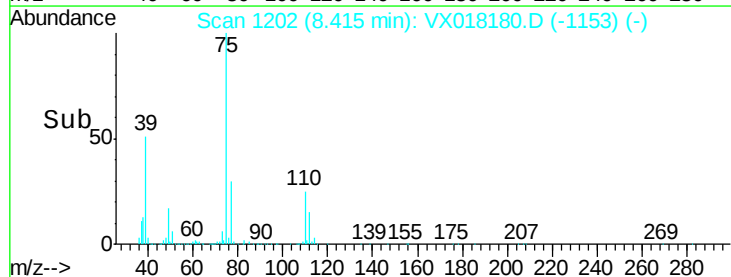
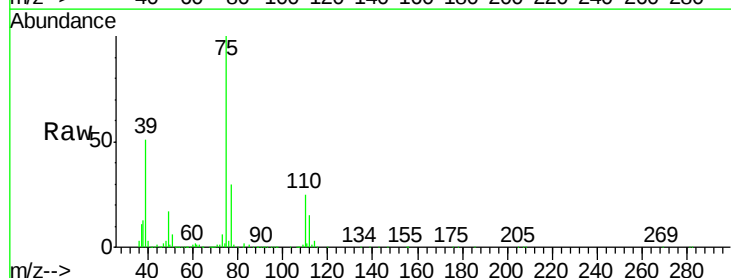
Manual Integrations
APPROVED

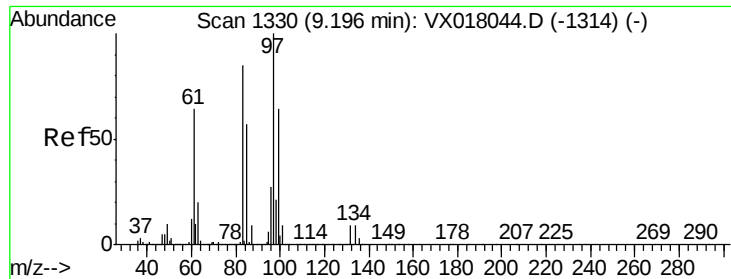
MMDadoda
9/2/2020 2:23:12 PM



#54
cis-1,3-Dichloropropene
Concen: 19.054 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.8	38.8
39	51.2	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 19.132 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

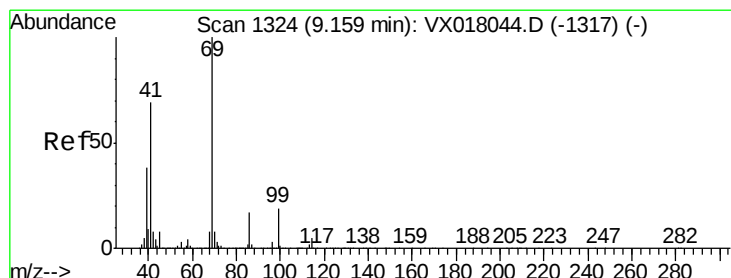
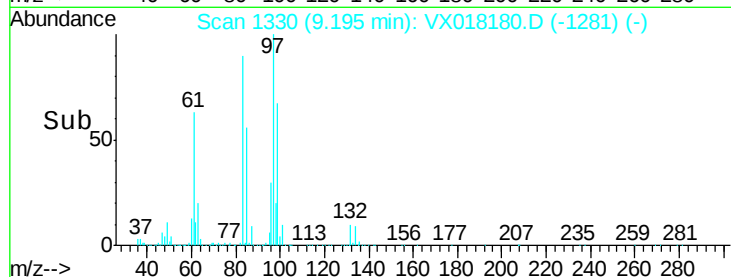
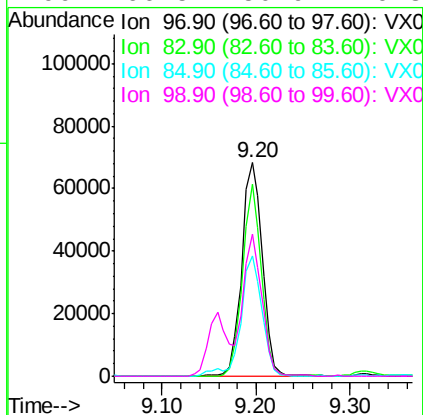
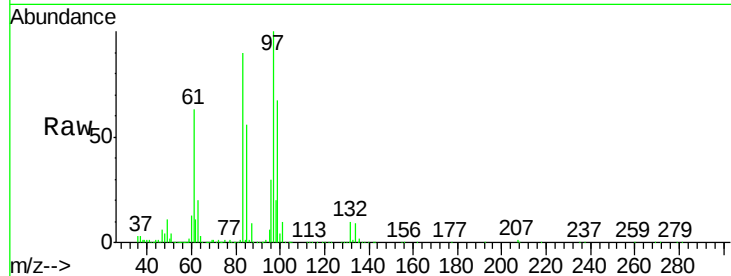
ClientSampleId :

VX0901WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	89.8	67.8	101.6
85	56.2	45.3	67.9
99	66.5	50.9	76.3

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#56

Ethyl methacrylate

Concen: 18.233 ug/l

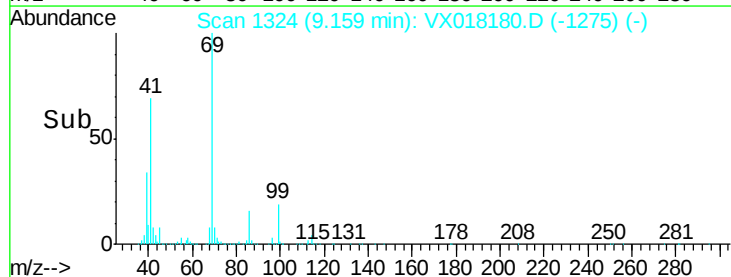
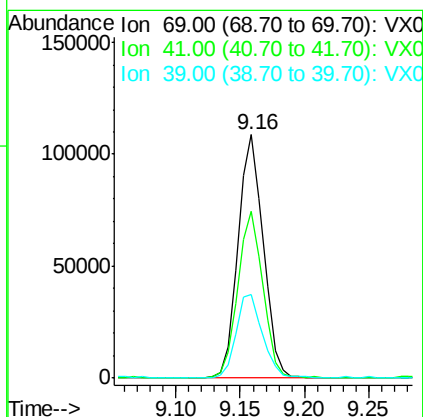
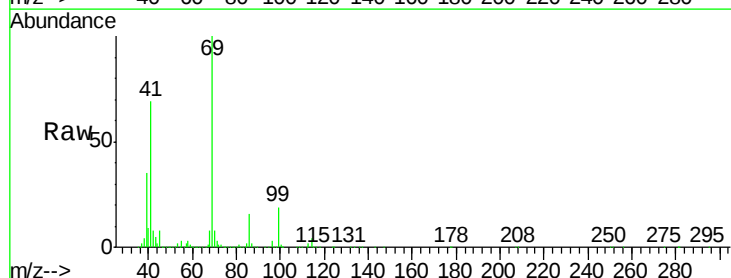
RT: 9.16 min Scan# 1324

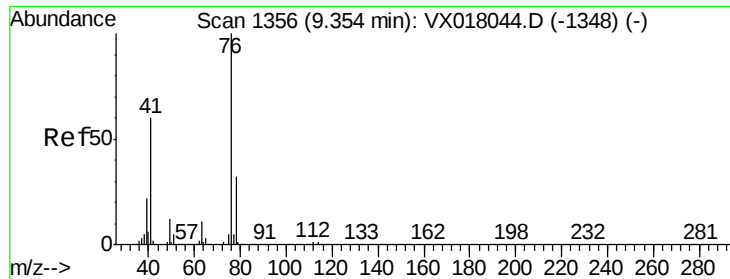
Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
69	100		
41	68.1	54.6	81.8
39	35.8	29.1	43.7





#57

1,3-Dichloropropane

Concen: 18.780 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 76 Resp: 168663

Ion Ratio Lower Upper

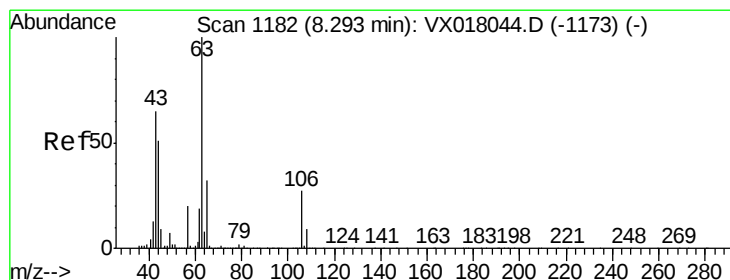
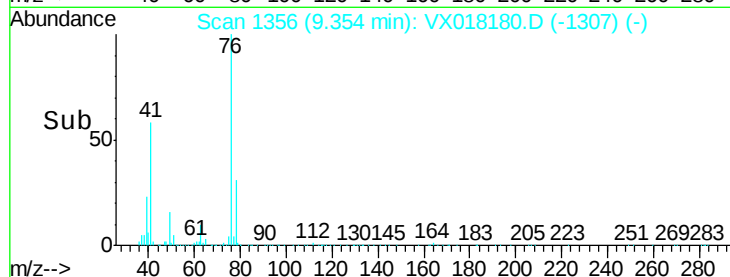
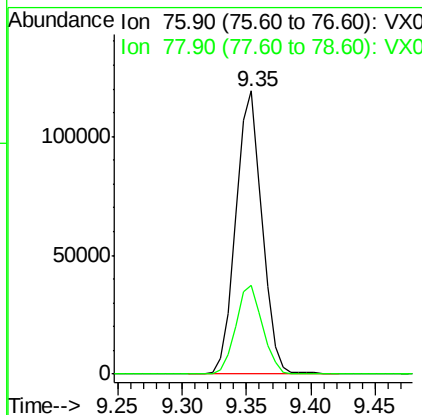
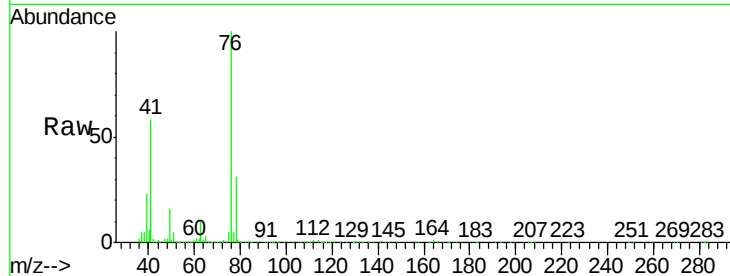
76 100

78 32.1 25.8 38.6

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#58

2-Chloroethyl Vinyl ether

Concen: 78.907 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018180.D

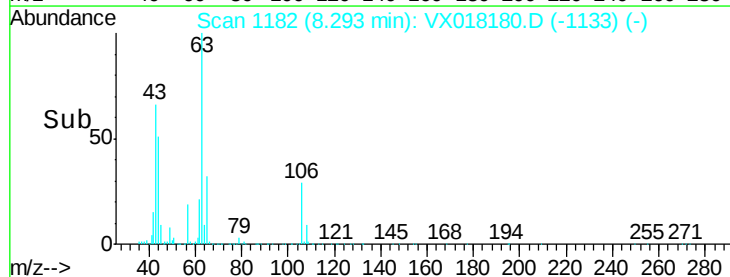
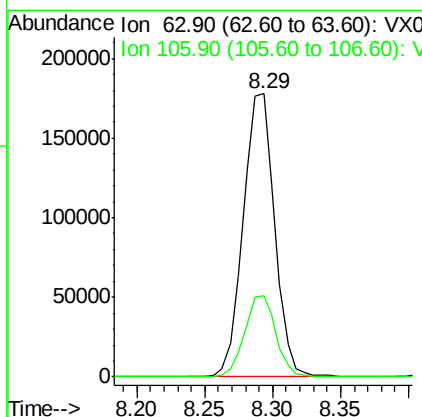
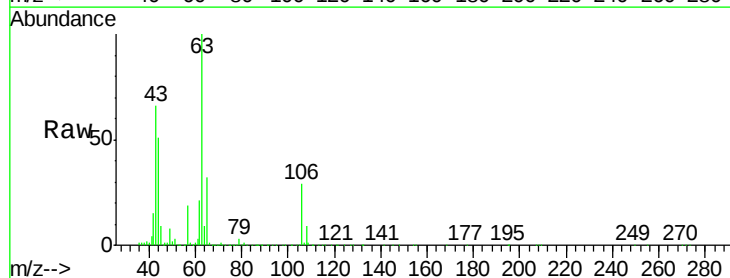
Acq: 01 Sep 2020 10:36

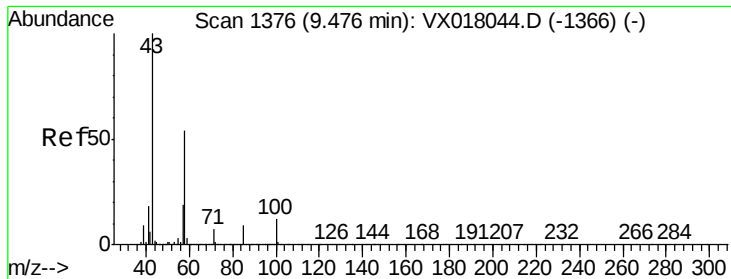
Tgt Ion: 63 Resp: 287324

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1





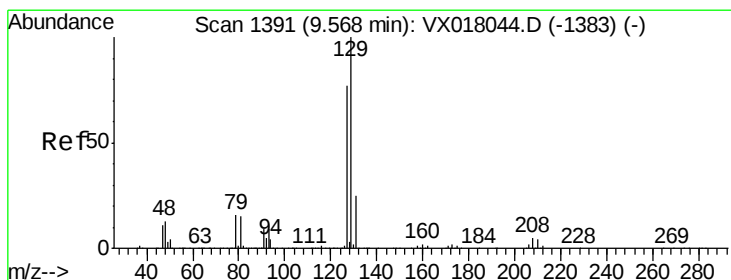
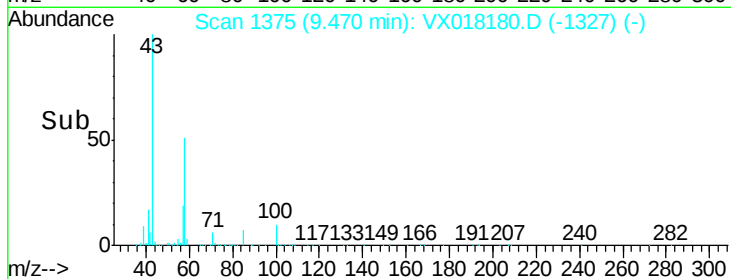
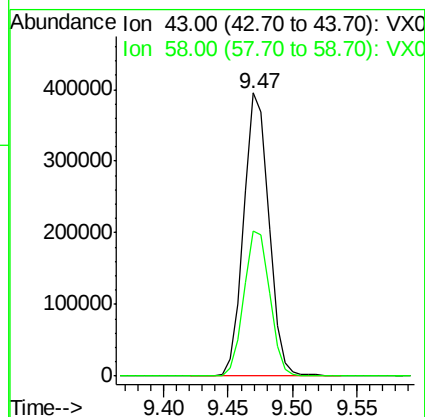
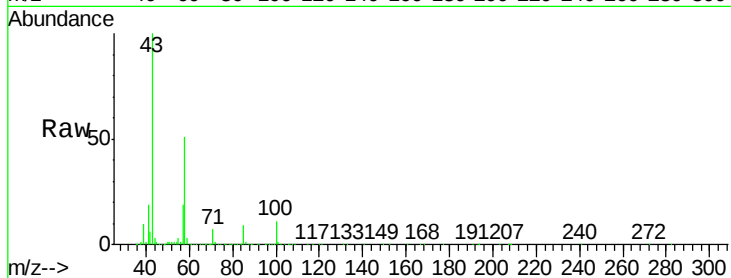
#59
2-Hexanone
Concen: 88.316 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.0	26.6	79.7

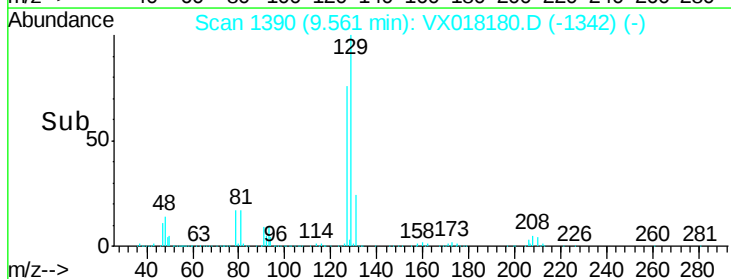
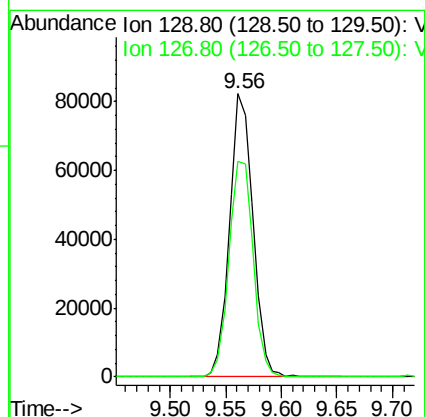
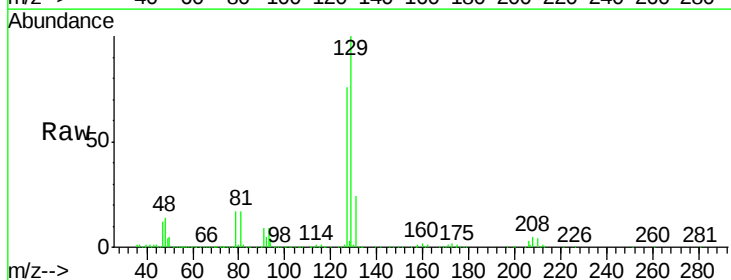
Manual Integrations
APPROVED

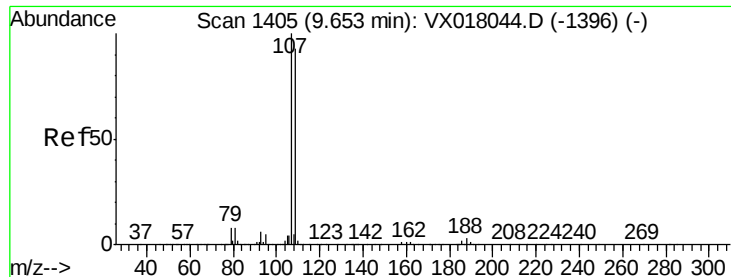
MMDadoda
9/2/2020 2:23:12 PM



#60
Dibromochloromethane
Concen: 18.778 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.9	116.6





#61

1,2-Dibromoethane

Concen: 18.954 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 107 Resp: 112046

Ion Ratio Lower Upper

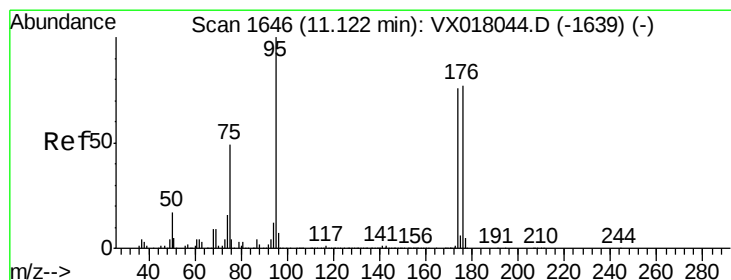
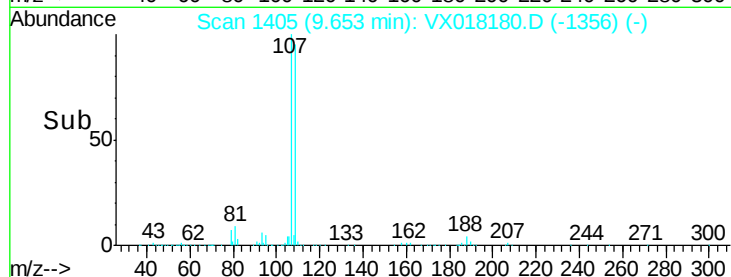
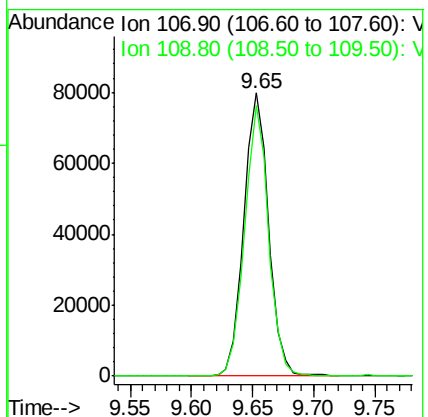
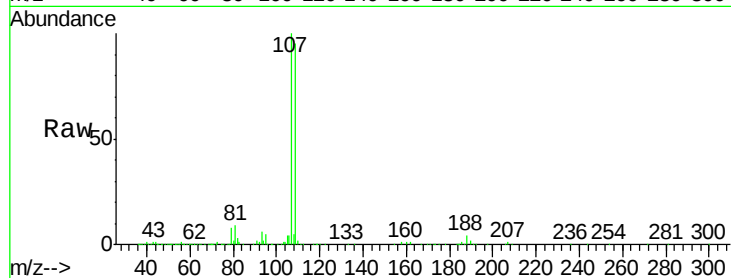
107 100

109 92.7 75.9 113.9

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#62

4-Bromofluorobenzene

Concen: 47.065 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

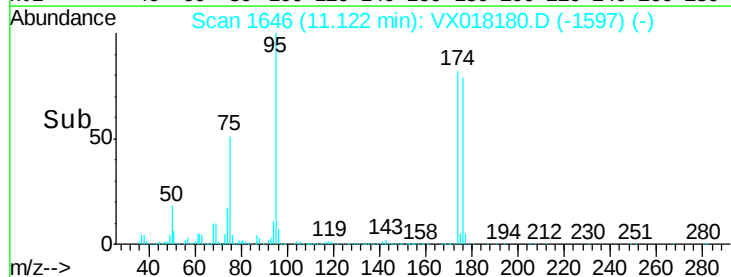
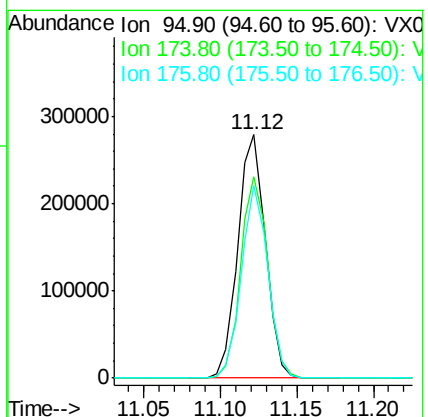
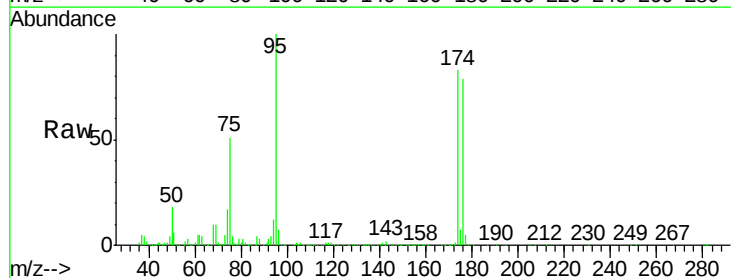
Tgt Ion: 95 Resp: 348943

Ion Ratio Lower Upper

95 100

174 81.3 0.0 160.2

176 75.7 0.0 155.8





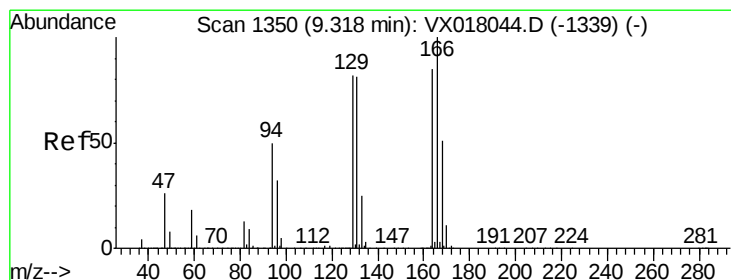
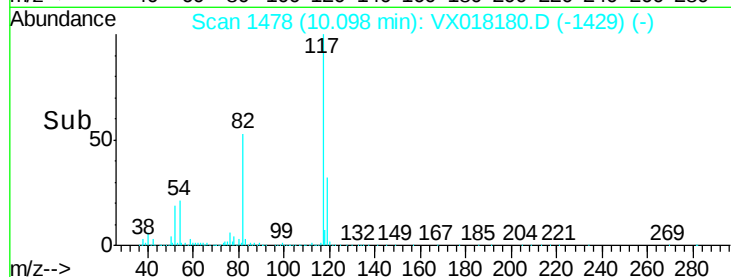
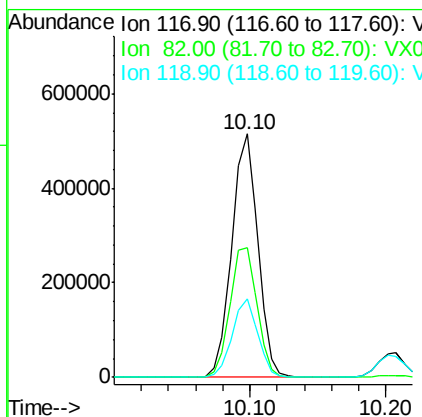
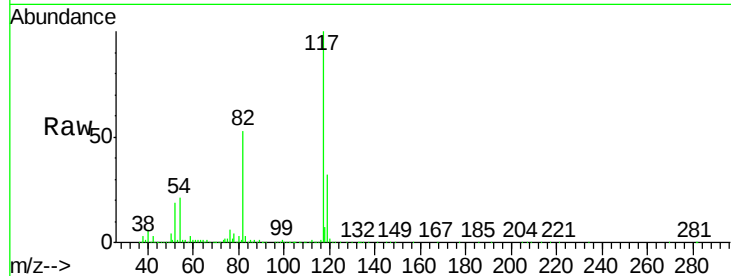
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	687180		
82	53.1	44.2	66.2	
119	32.1	25.7	38.5	

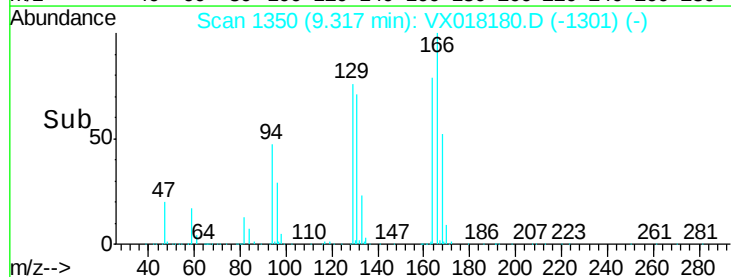
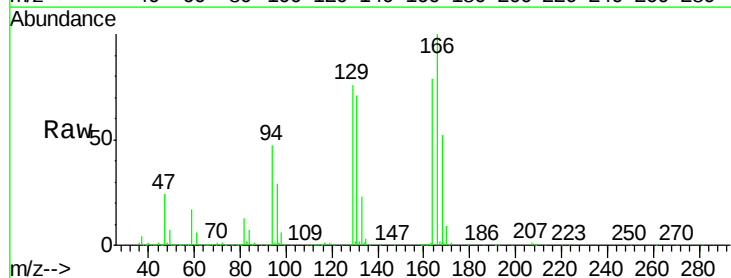
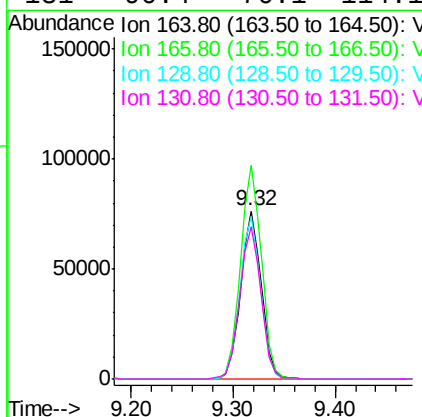
Manual Integrations
APPROVED

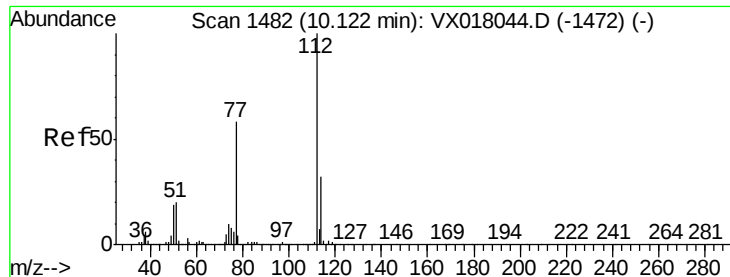
MMDadoda
9/2/2020 2:23:12 PM



#64
Tetrachloroethene
Concen: 20.930 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	105691		
166	127.1	94.2	141.2	
129	97.1	76.9	115.3	
131	90.4	76.1	114.1	





#65

Chlorobenzene

Concen: 19.996 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion:112 Resp: 274430

Ion Ratio Lower Upper

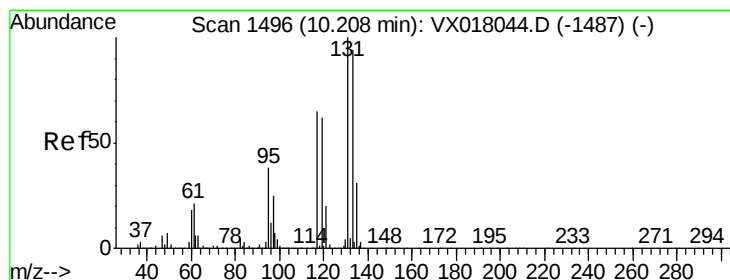
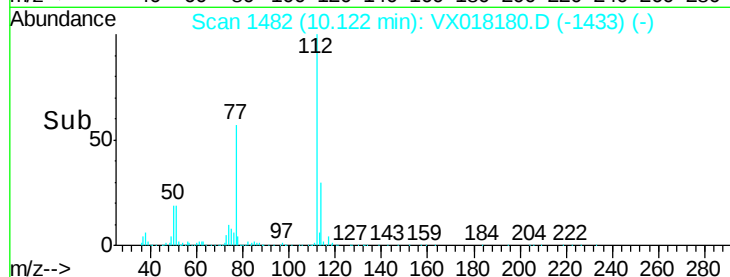
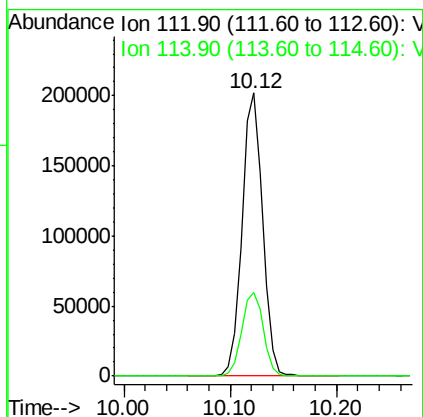
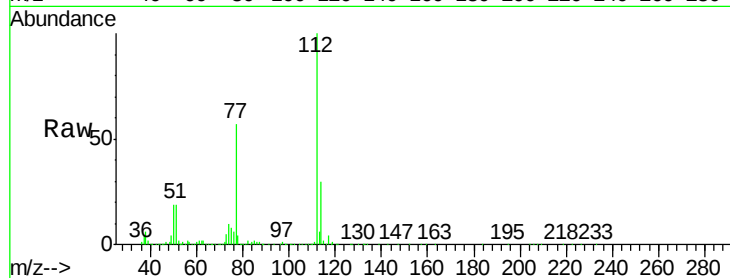
112 100

114 29.5 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 19.792 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

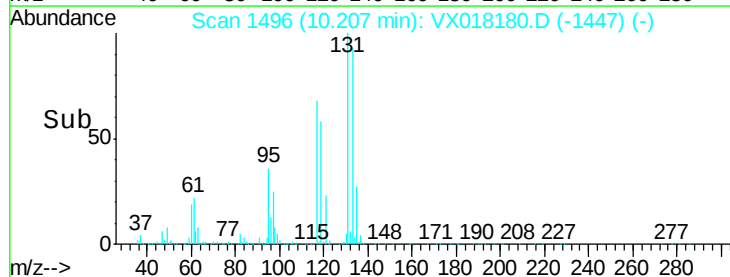
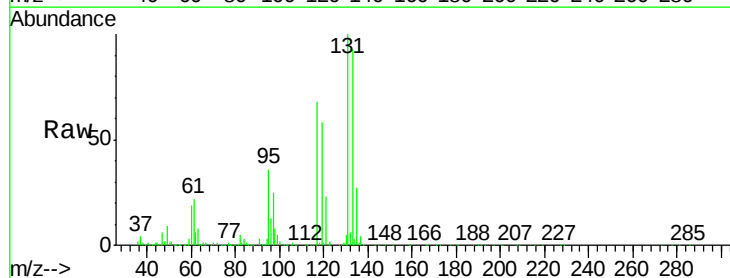
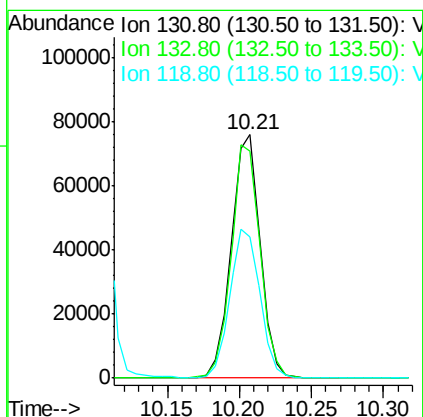
Tgt Ion:131 Resp: 107060

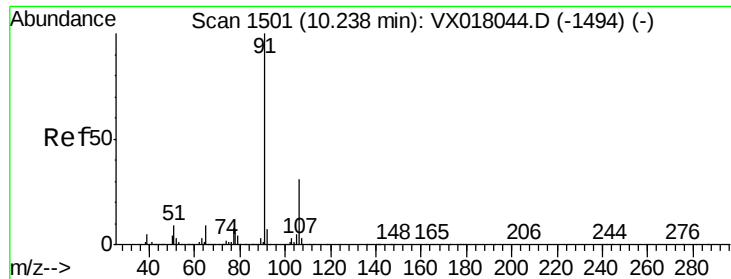
Ion Ratio Lower Upper

131 100

133 95.8 46.7 140.1

119 63.3 31.8 95.4





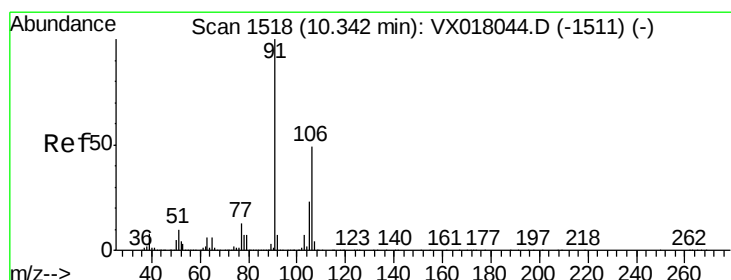
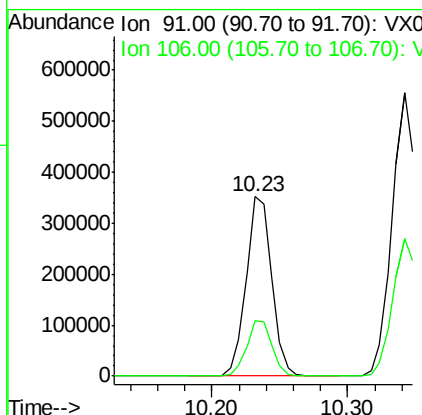
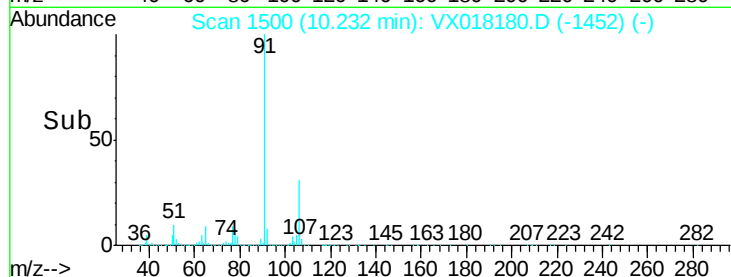
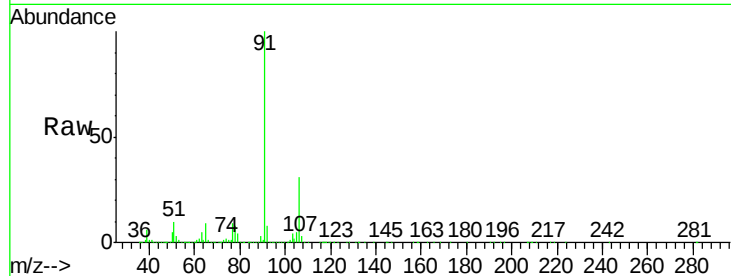
#67
Ethyl Benzene
Concen: 19.875 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion: 91 Resp: 463877
Ion Ratio Lower Upper
91 100
106 31.1 24.9 37.3

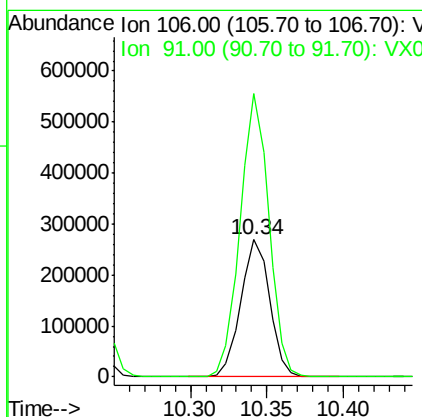
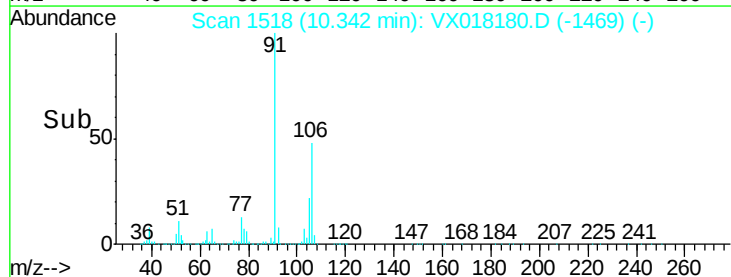
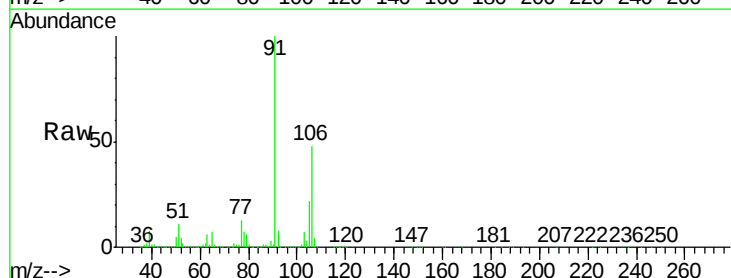
Manual Integrations
APPROVED

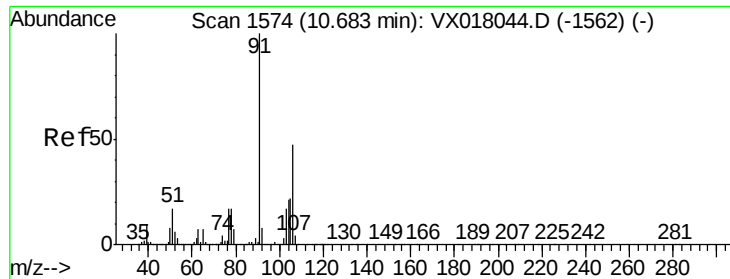
MMDadoda
9/2/2020 2:23:12 PM



#68
m/p-Xylenes
Concen: 40.622 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion: 106 Resp: 353882
Ion Ratio Lower Upper
106 100
91 205.9 162.2 243.2





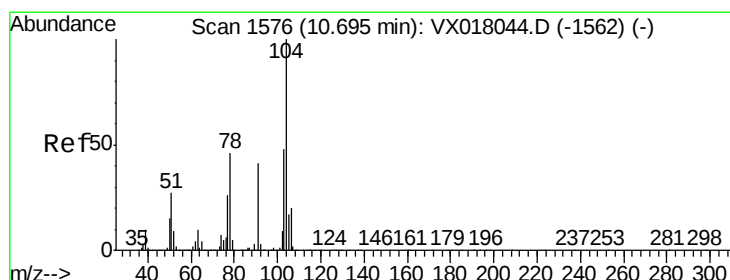
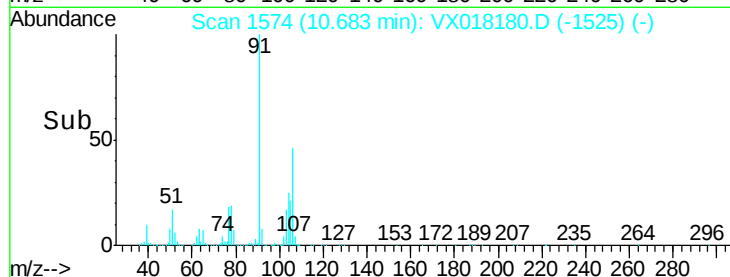
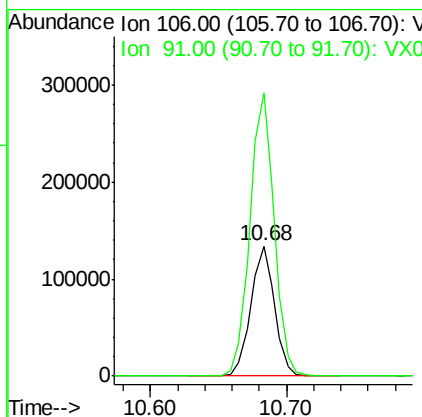
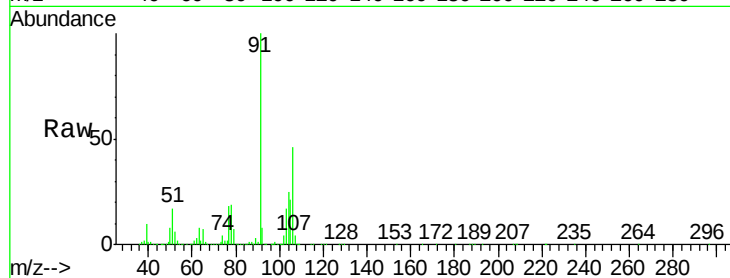
#69
o-Xylene
Concen: 19.437 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	164146		
91	221.9	107.1	321.3	

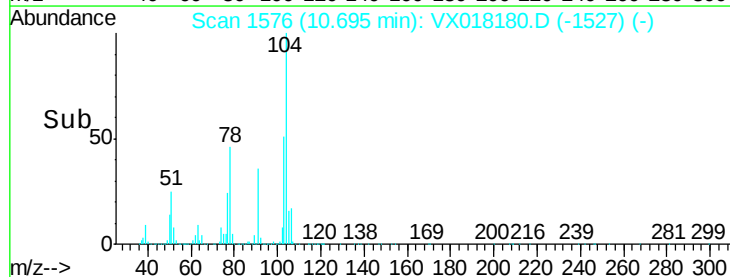
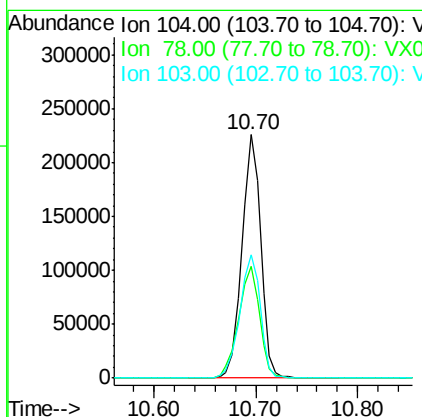
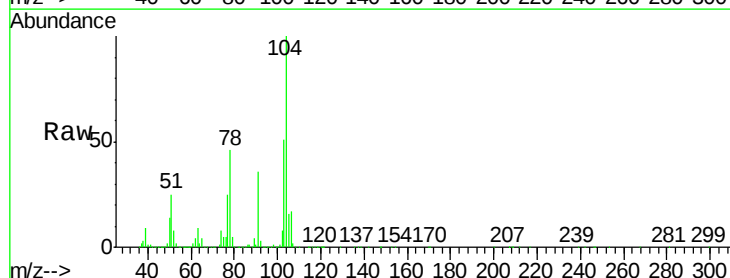
Manual Integrations
APPROVED

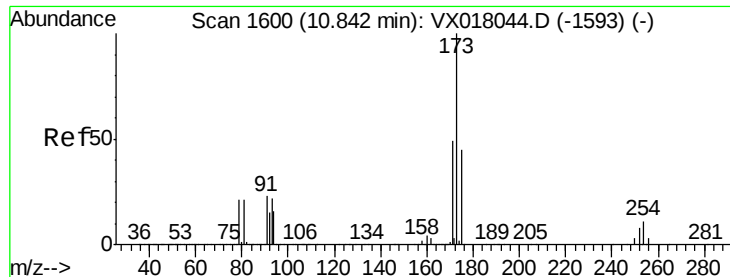
MMDadoda
9/2/2020 2:23:12 PM



#70
Styrene
Concen: 19.932 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	286654		
78	51.1	40.9	61.3	
103	55.3	43.6	65.4	





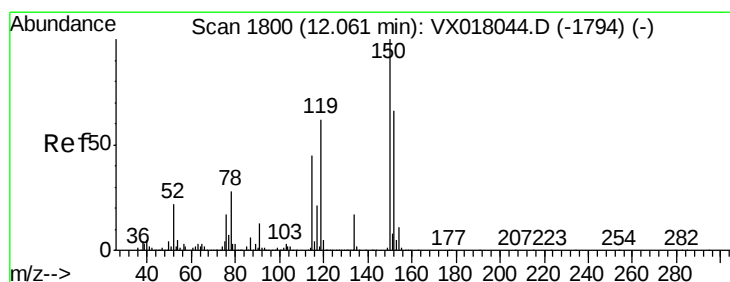
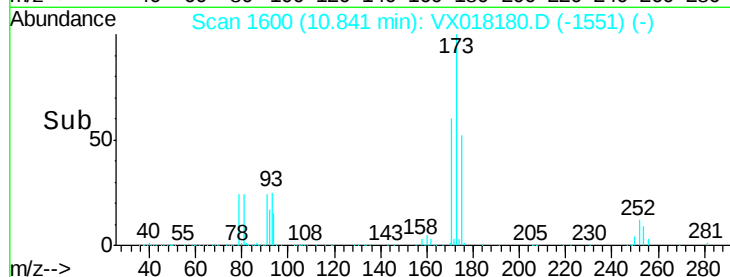
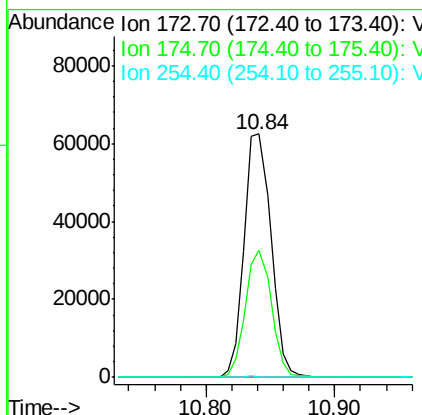
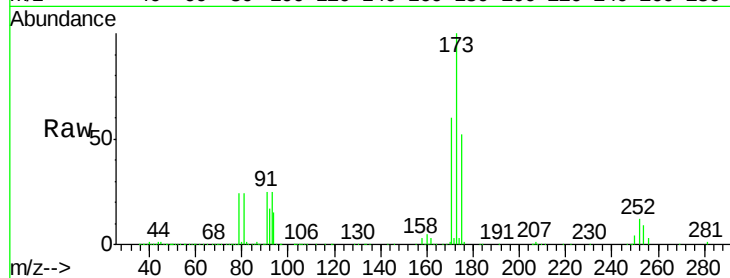
#71
Bromoform
Concen: 19.494 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	23.9	71.8
254	0.2	0.2	0.2

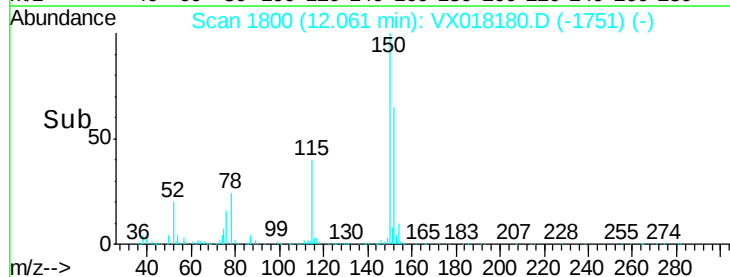
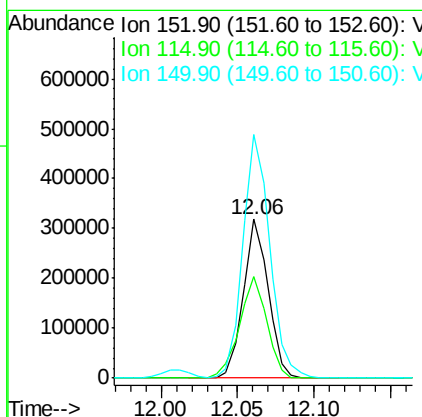
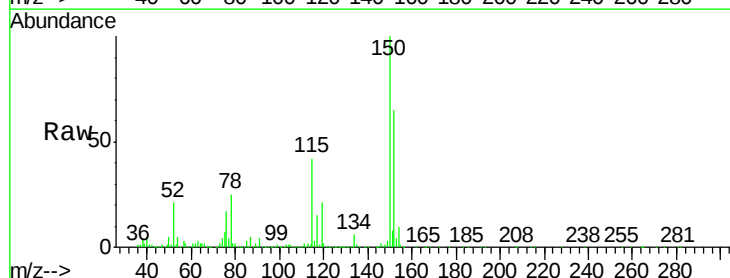
Manual Integrations
APPROVED

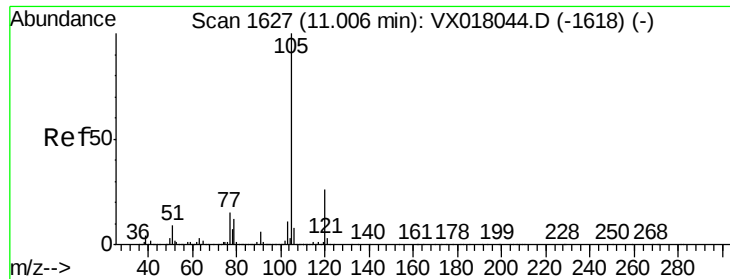
MMDadoda
9/2/2020 2:23:12 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	70.8	41.5	124.5
150	166.4	0.0	343.8





#73

Isopropylbenzene

Concen: 19.183 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VX0901WBS01

Tot Ion: 105 Resp: 453327

Ion Ratio Lower Upper

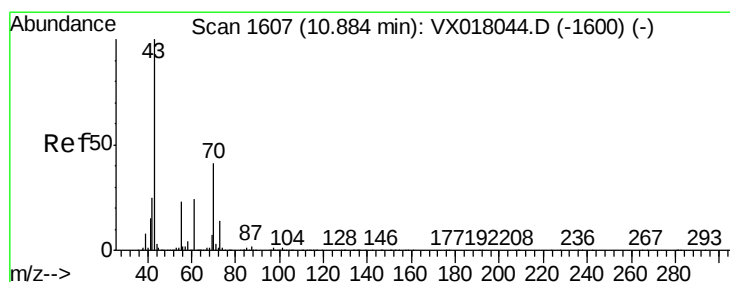
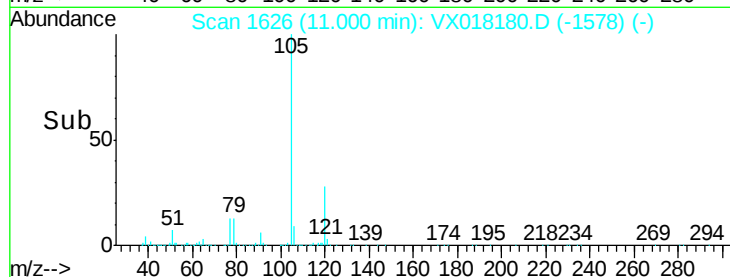
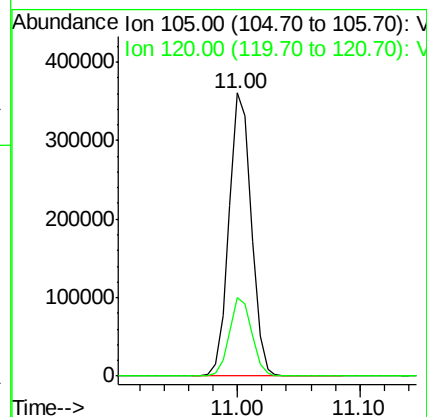
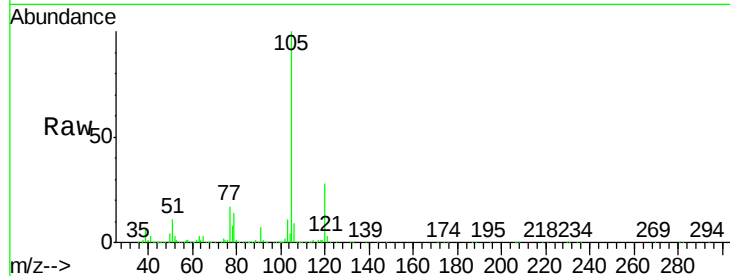
105 100

120 27.6 13.2 39.5

Manual Integrations
APPROVED

MMDadoda

9/2/2020 2:23:12 PM



#74

N-ethyl acetate

Concen: 17.239 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion: 43 Resp: 193295

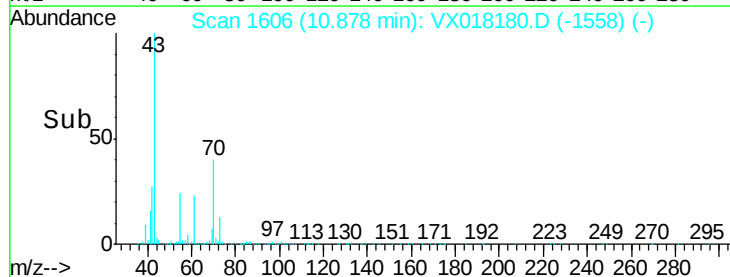
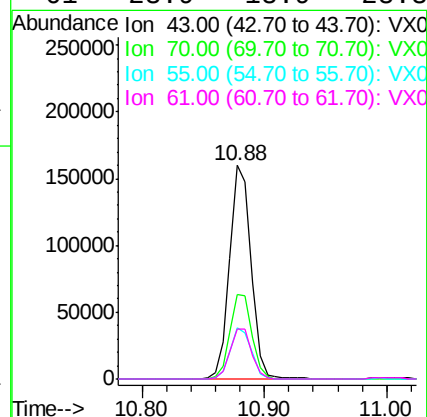
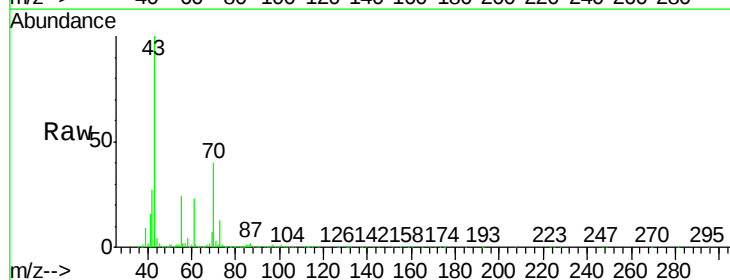
Ion Ratio Lower Upper

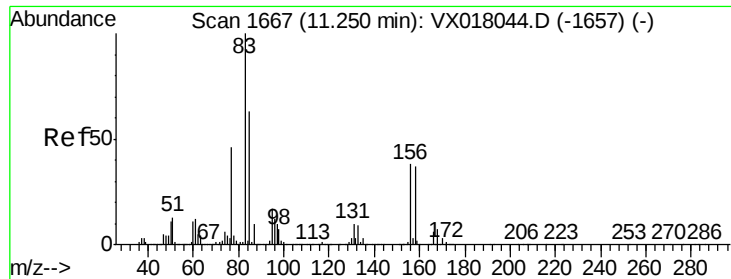
43 100

70 40.7 32.3 48.5

55 23.6 18.2 27.2

61 23.9 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.575 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

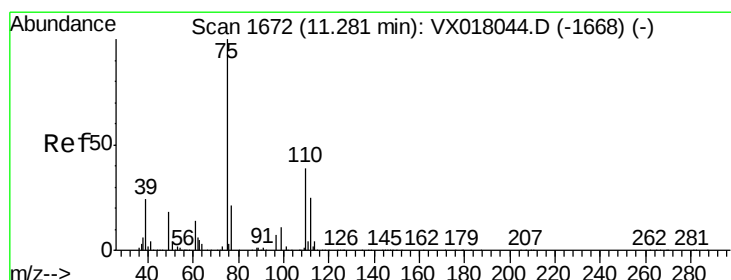
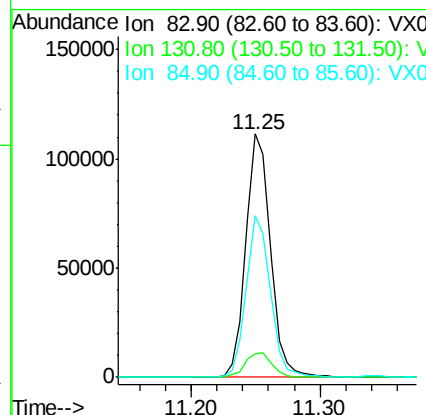
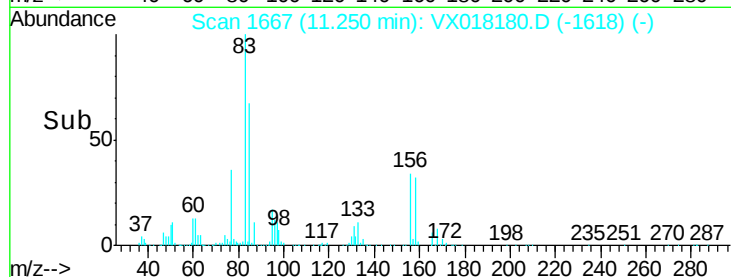
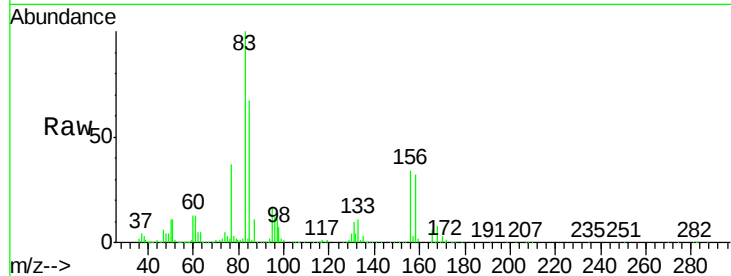
ClientSampleId :

VX0901WBS01

Tot Ion:	83	Resp:	146516
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	65.8	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#76

1,2,3-Trichloropropane

Concen: 17.991 ug/l m

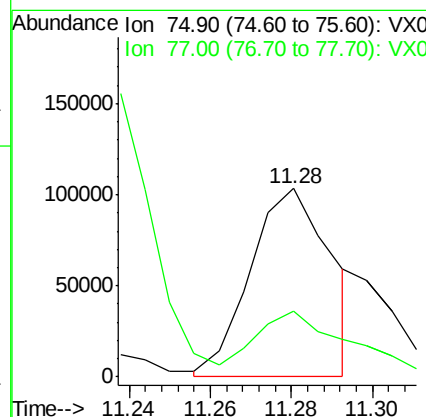
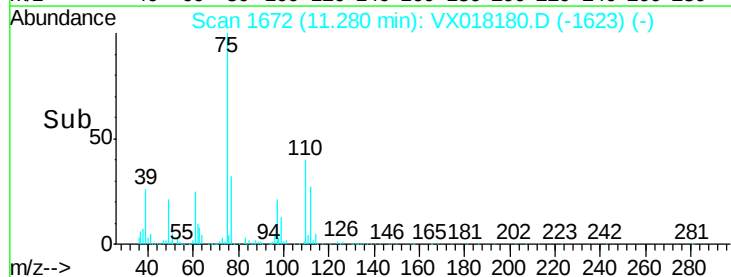
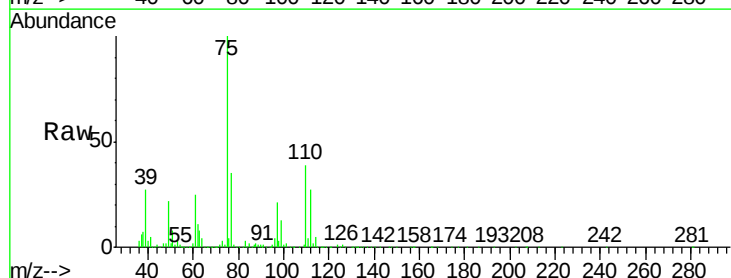
RT: 11.28 min Scan# 1672

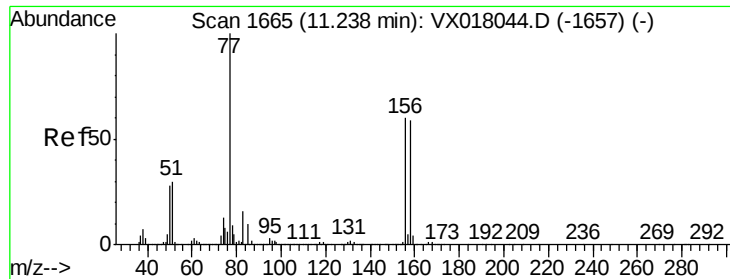
Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	75	Resp:	143385
Ion Ratio	Lower	Upper	
75	100		
77	40.9	20.8	62.2





#77

Bromobenzene

Concen: 19.035 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

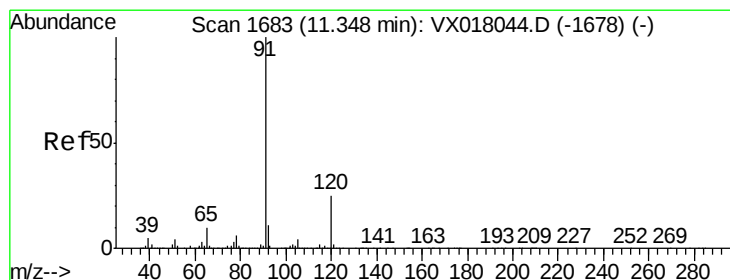
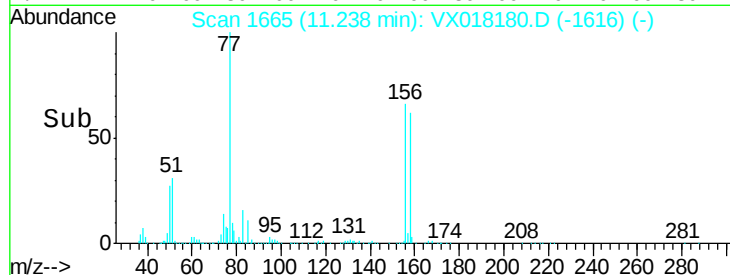
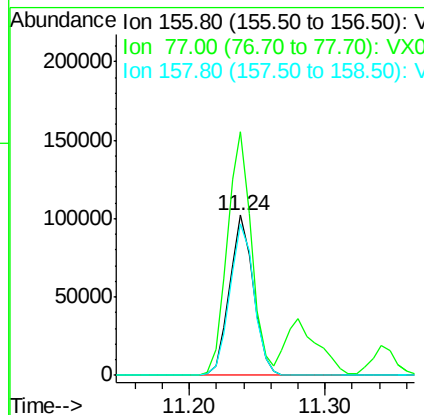
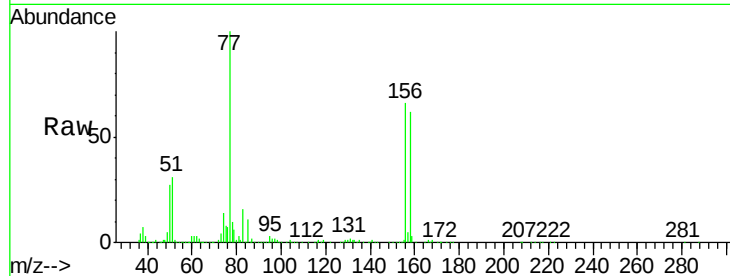
ClientSampleId :

VX0901WBS01

Tot Ion:	156	Resp:	124348
Ion Ratio	Lower	Upper	
156	100		
77	153.7	80.0	240.2
158	96.3	49.5	148.7

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#78

n-propylbenzene

Concen: 19.445 ug/l

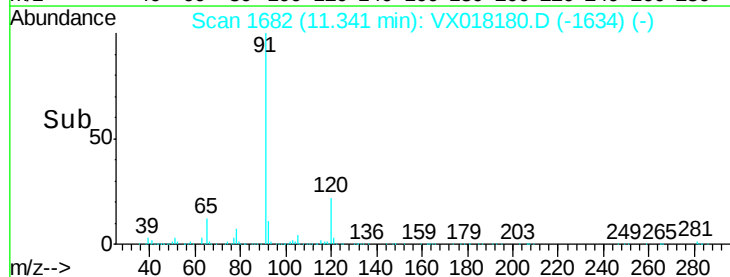
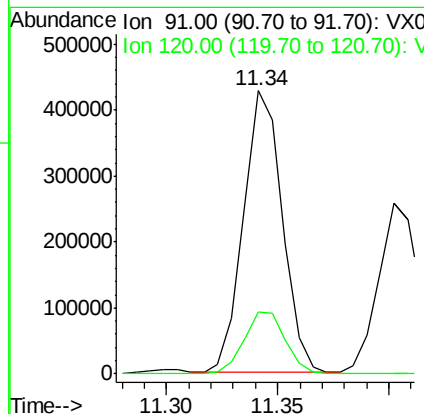
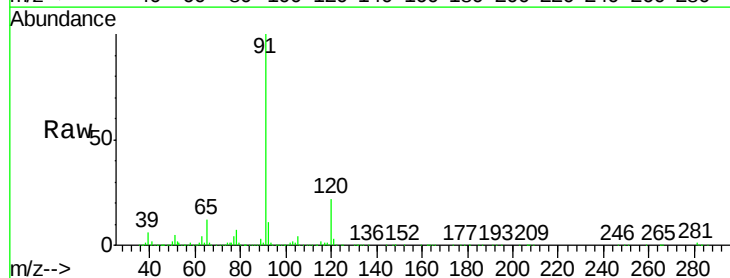
RT: 11.34 min Scan# 1682

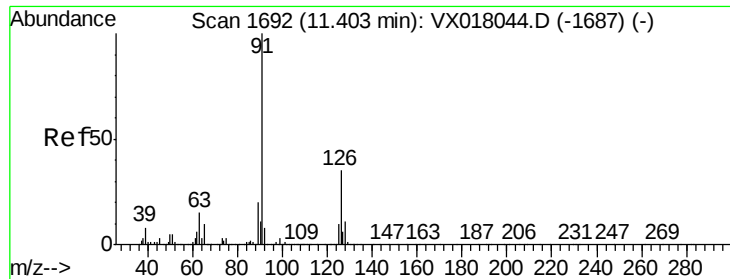
Delta R.T. -0.01 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	91	Resp:	521775
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.9	35.9





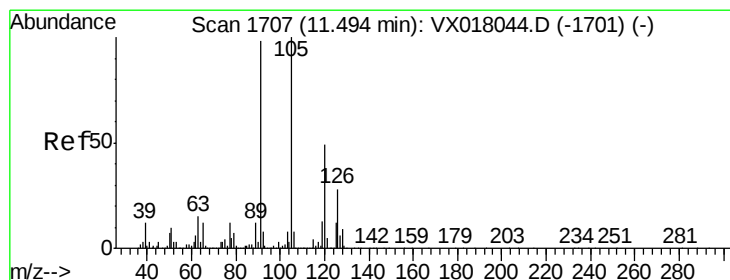
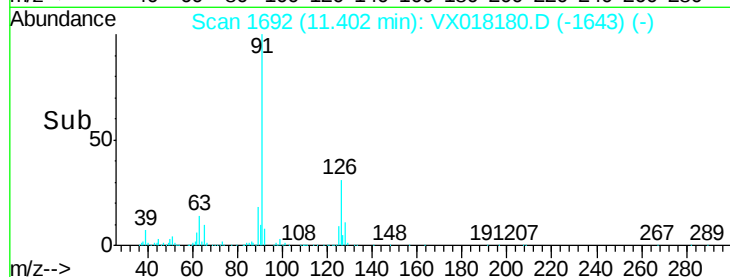
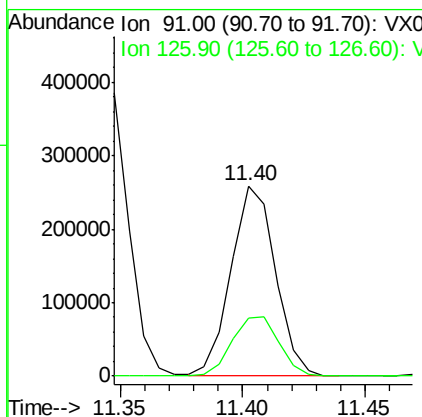
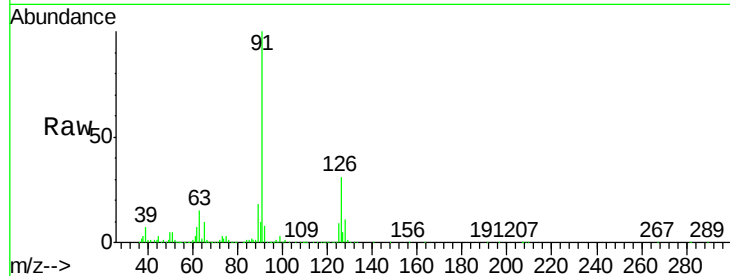
#79
 2-Chlorotoluene
 Concen: 19.578 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Tot Ion: 91 Resp: 324569
 Ion Ratio Lower Upper
 91 100
 126 33.8 17.4 52.2

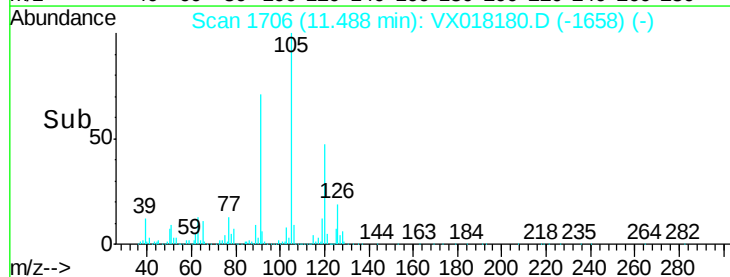
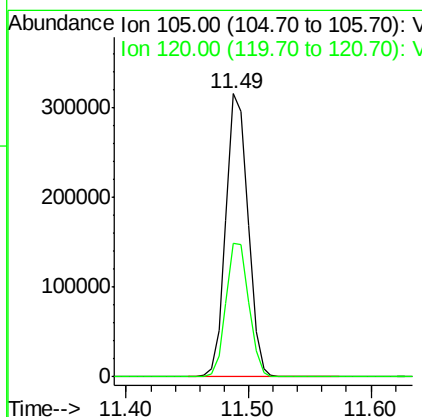
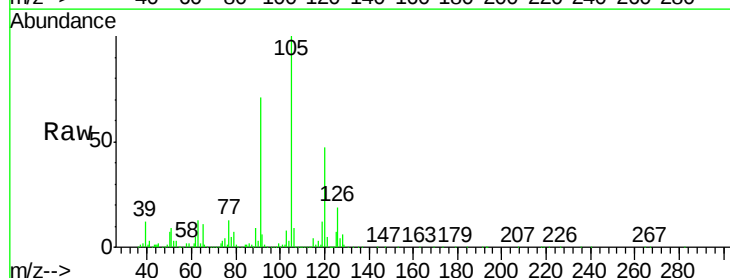
Manual Integrations
 APPROVED

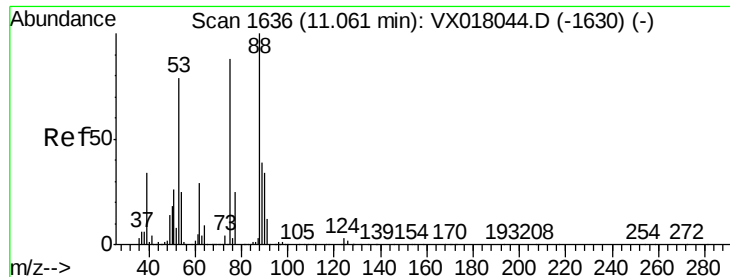
MMDadoda
 9/2/2020 2:23:12 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 20.356 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Tgt Ion: 105 Resp: 395314
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 18.623 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Instrument :

MSVOA_X

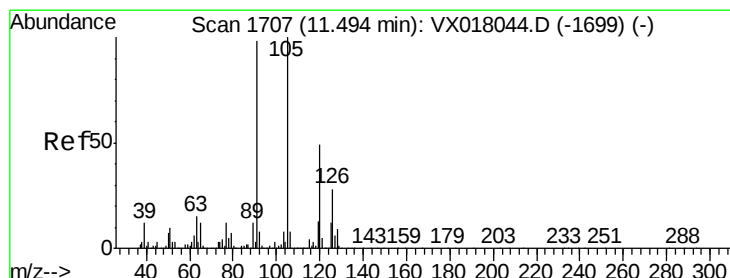
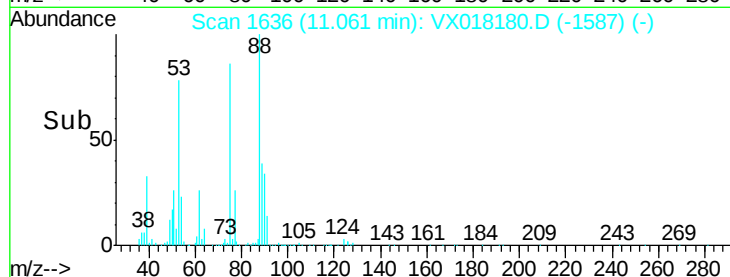
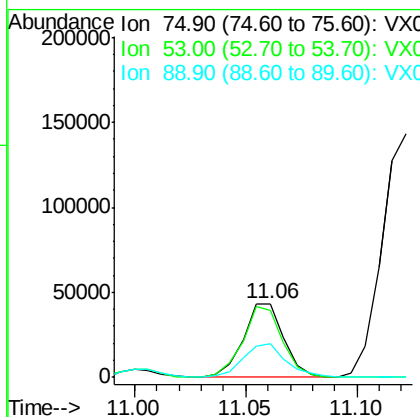
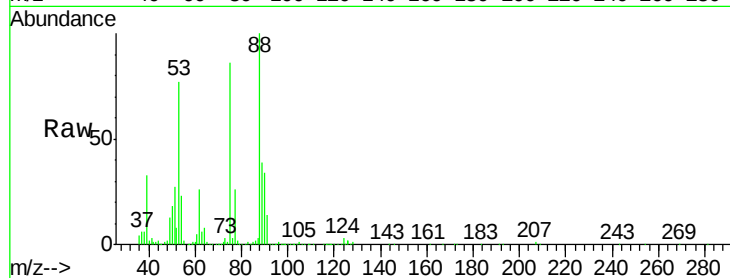
ClientSampleId :

VX0901WBS01

Tot Ion:	75	Resp:	54955
Ion	Ratio	Lower	Upper
75	100		
53	94.3	74.7	112.1
89	48.5	36.6	54.8

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#82

4-Chlorotoluene

Concen: 19.457 ug/l

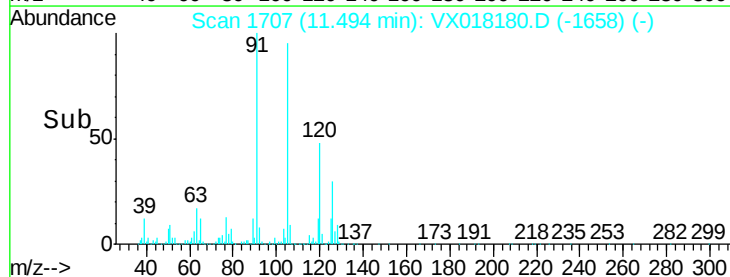
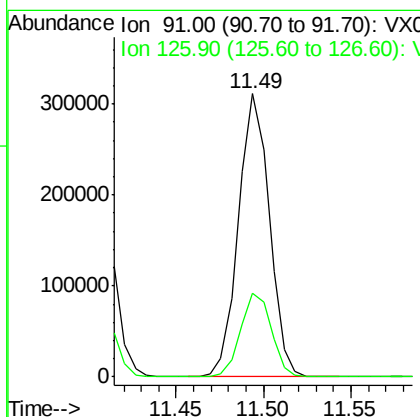
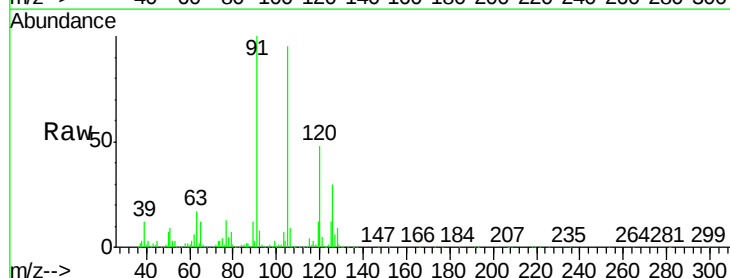
RT: 11.49 min Scan# 1707

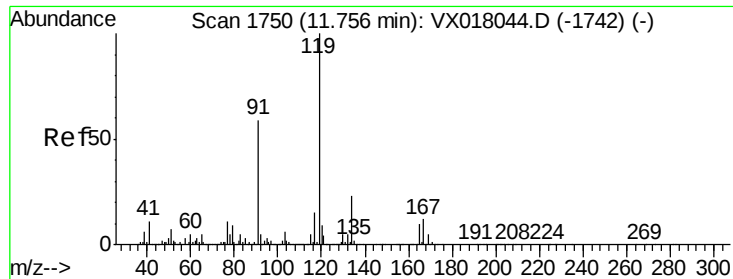
Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion:	91	Resp:	383463
Ion	Ratio	Lower	Upper
91	100		
126	29.6	15.1	45.3





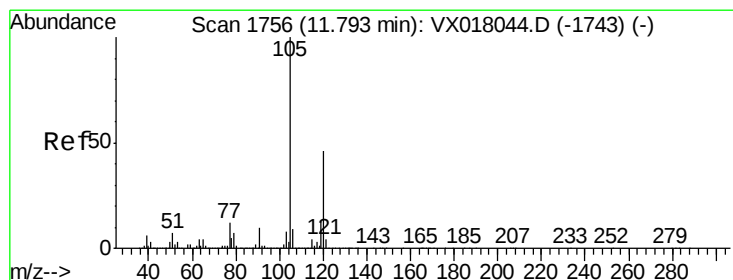
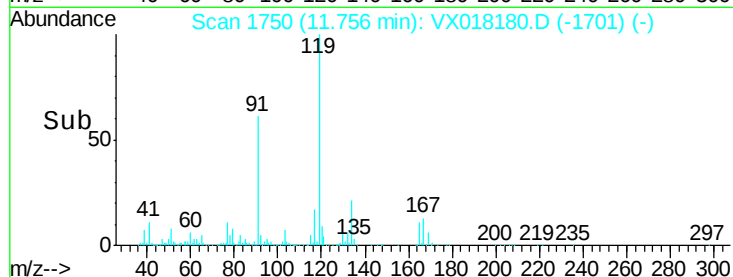
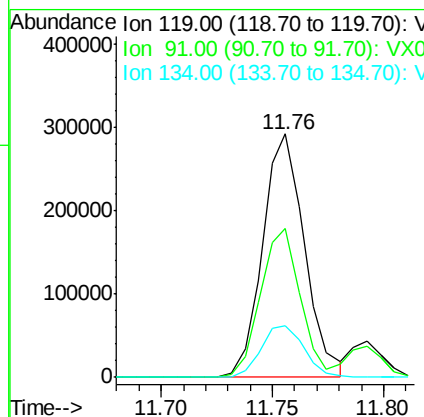
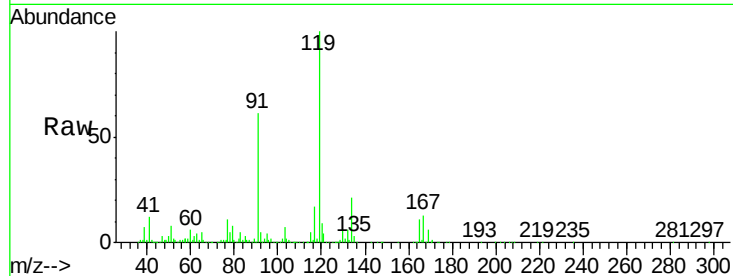
#83
tert-Butylbenzene
Concen: 19.940 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	382146		
91	58.1	28.2	84.7	
134	21.7	11.3	33.8	

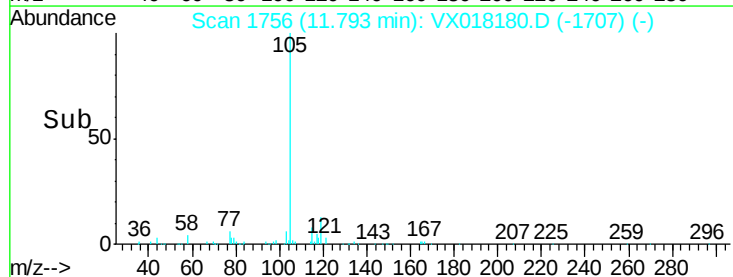
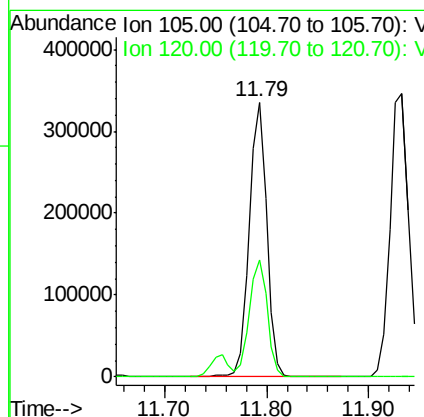
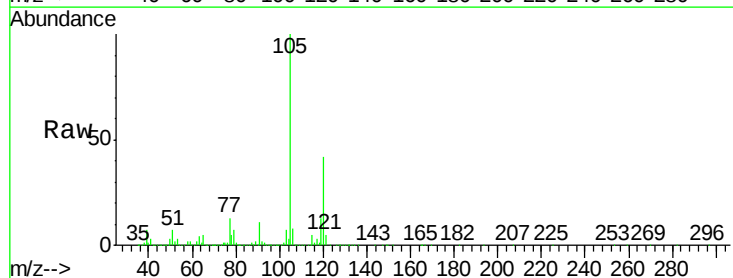
Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.246 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	401986		
120	43.7	22.3	66.9	





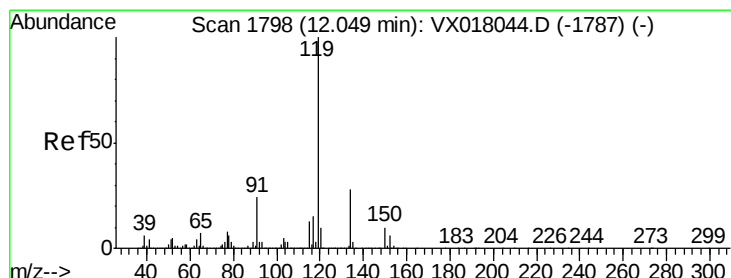
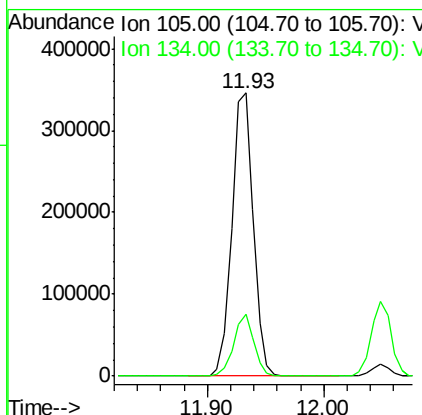
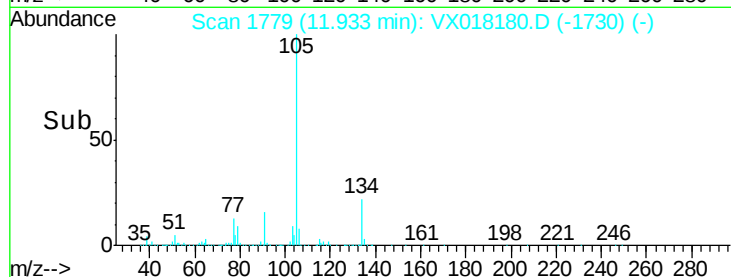
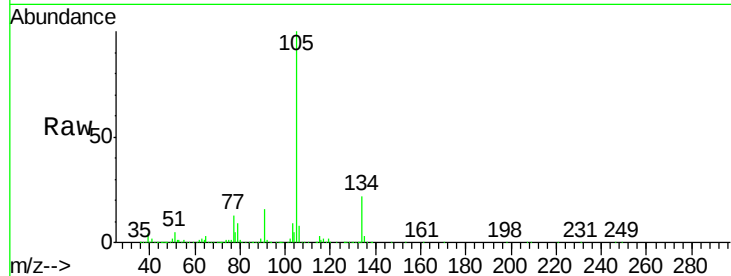
#85
 sec-Butylbenzene
 Concen: 20.311 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	442668		
134	20.6	10.1	30.3	

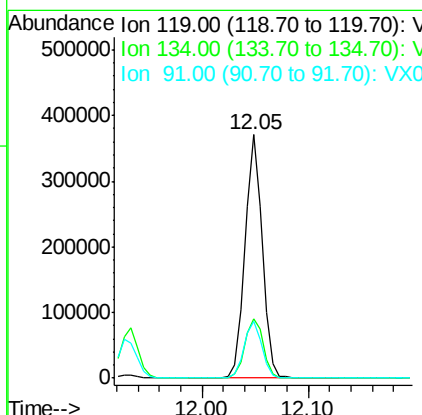
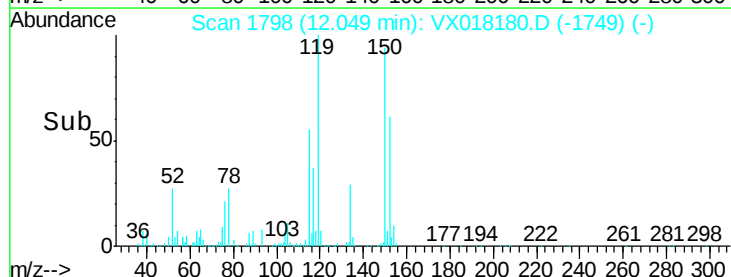
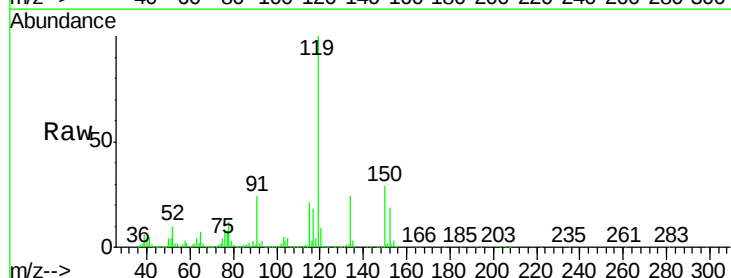
Manual Integrations
 APPROVED

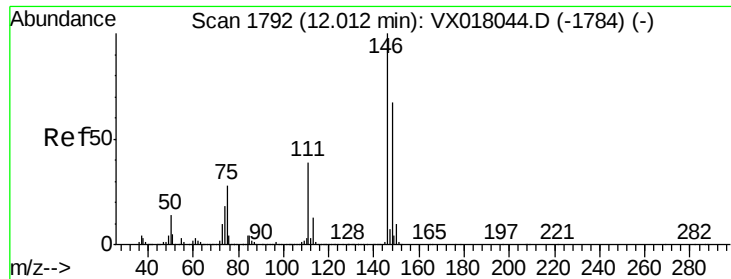
MMDadoda
 9/2/2020 2:23:12 PM



#86
 p-Isopropyltoluene
 Concen: 21.063 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	421679		
134	26.0	13.2	39.5	
91	24.0	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 19.891 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

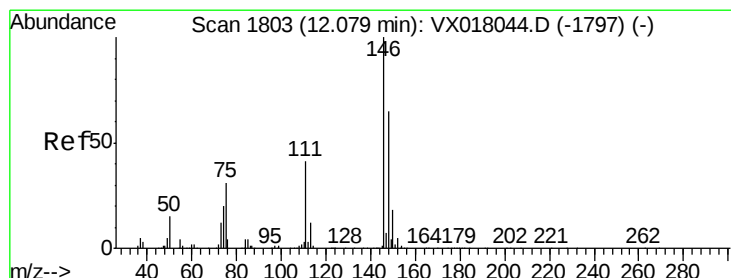
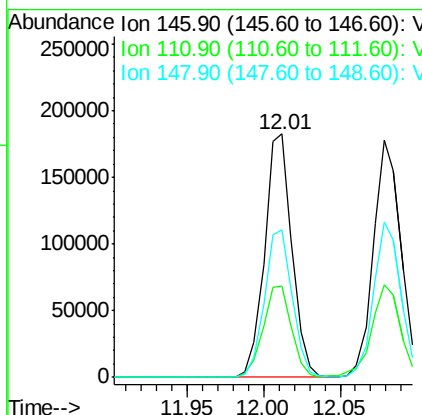
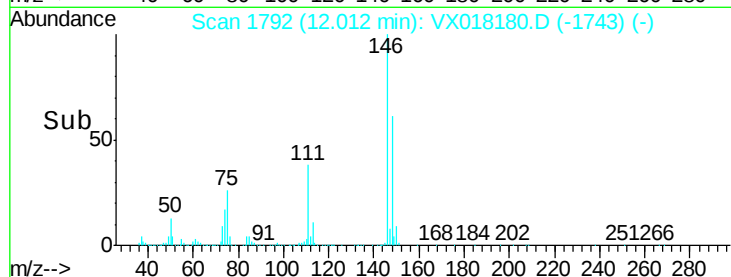
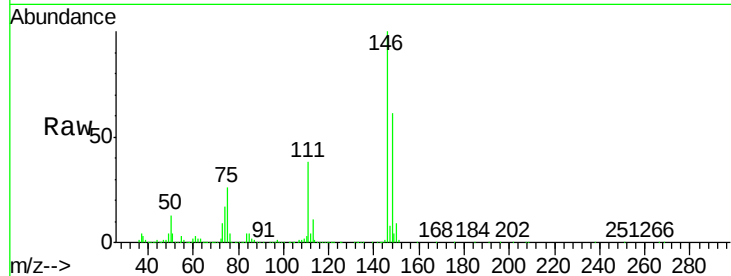
Instrument :
MSVOA_X

ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Resp Lower	Upper
146	100		
111	39.2	20.6	61.8
148	61.6	33.1	99.2

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#88

1,4-Dichlorobenzene

Concen: 19.337 ug/l

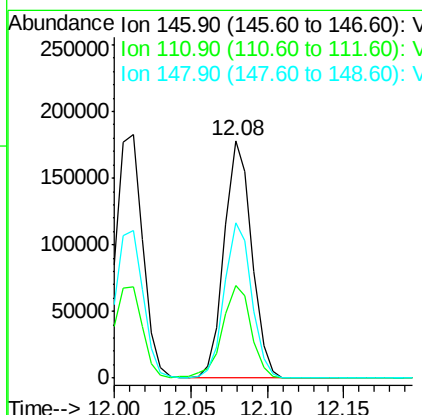
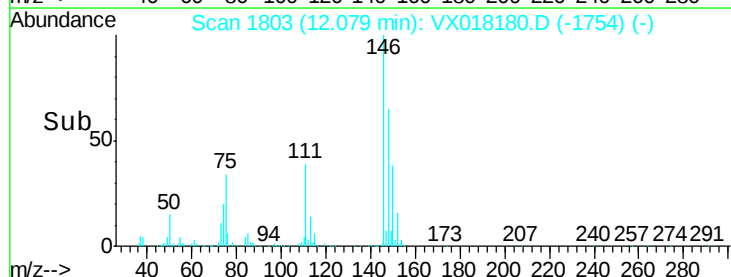
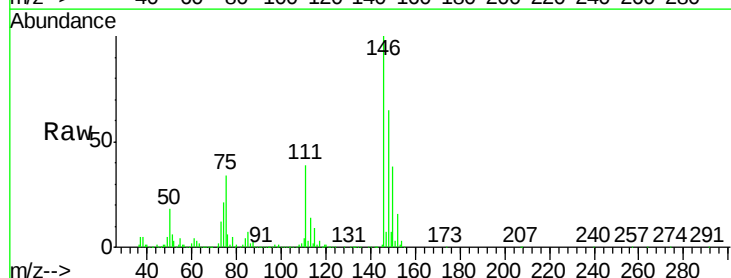
RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018180.D

Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
111	40.7	20.3	60.8
148	64.5	33.1	99.2





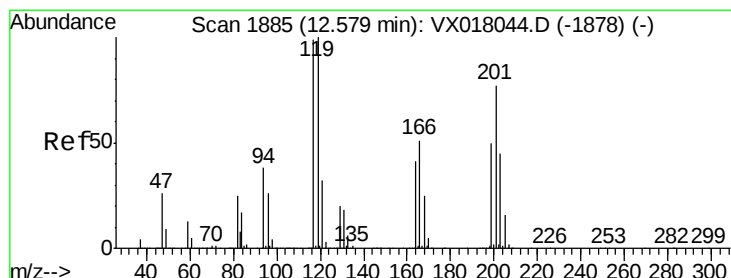
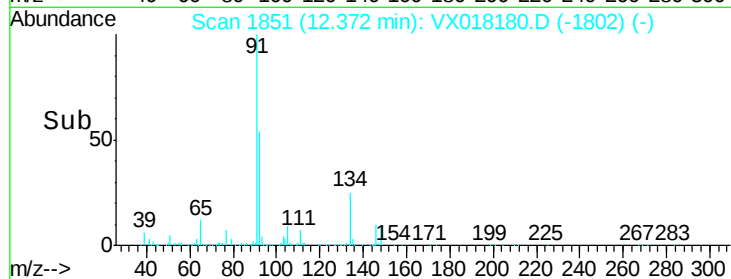
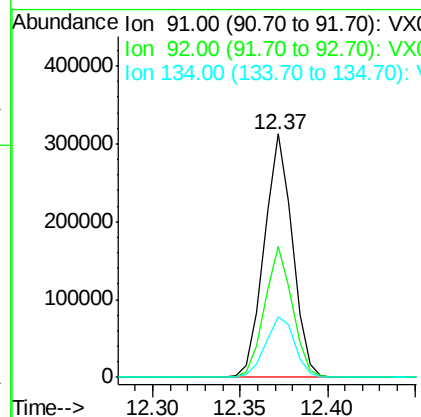
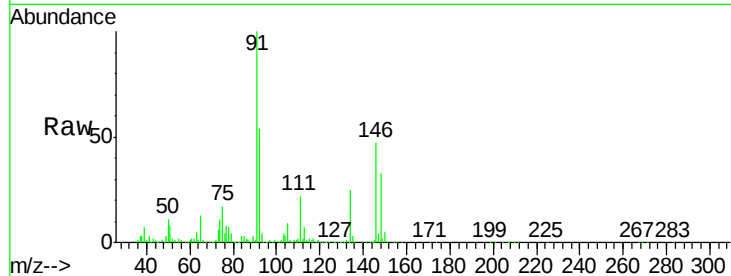
#89
n-Butylbenzene
Concen: 19.121 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	349382		
92	52.8	26.4	79.2	
134	25.9	12.9	38.7	

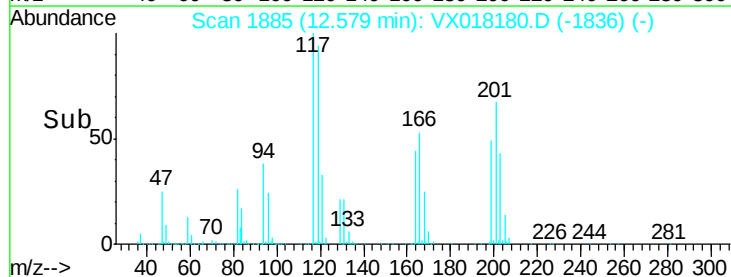
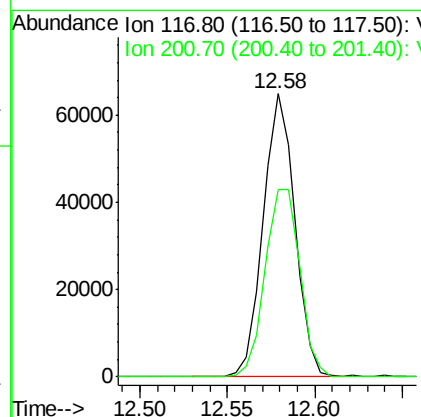
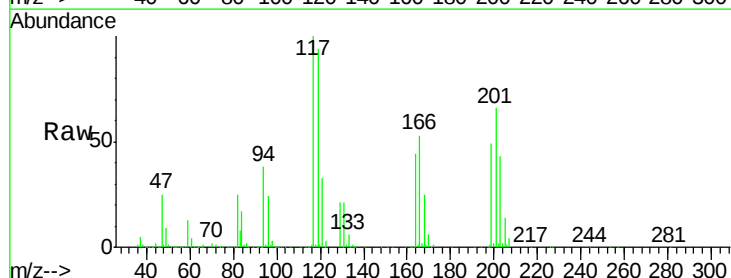
Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#90
Hexachloroethane
Concen: 20.681 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	81456		
201	72.9	38.5	115.3	





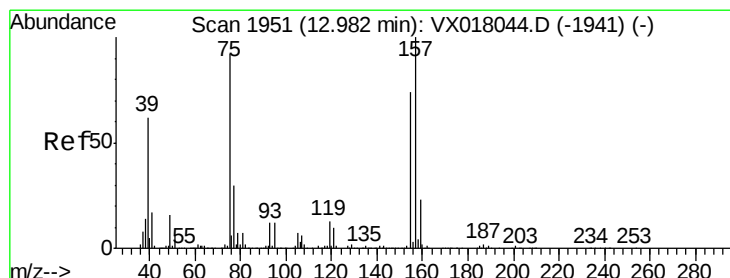
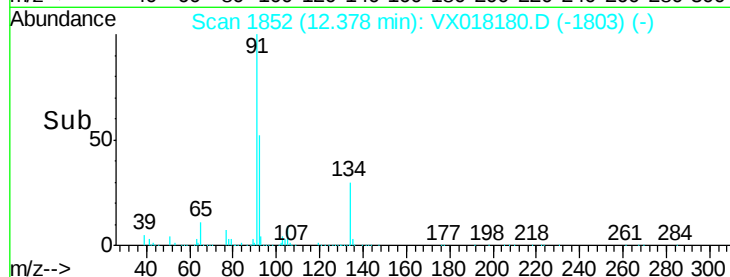
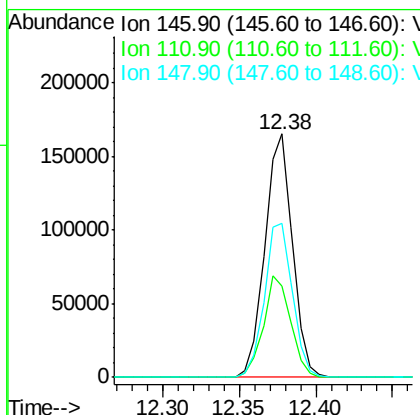
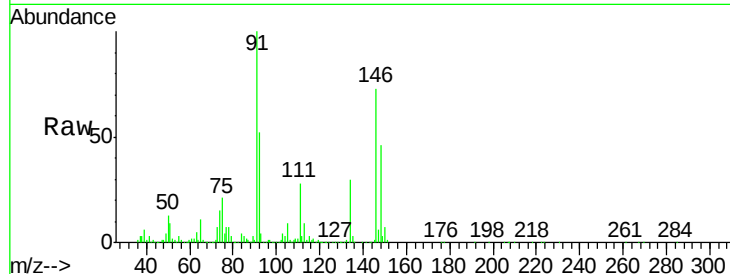
#91
 1,2-Dichlorobenzene
 Concen: 19.325 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	208634		
111	41.5	20.8	62.5	
148	64.4	31.6	95.0	

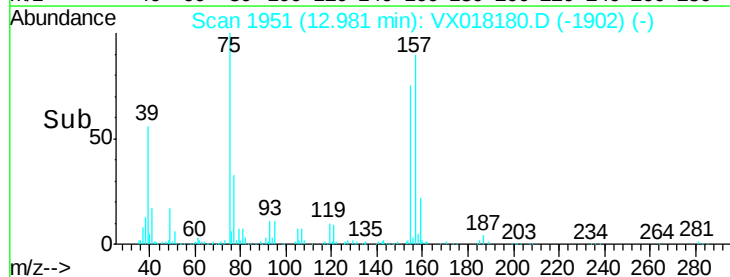
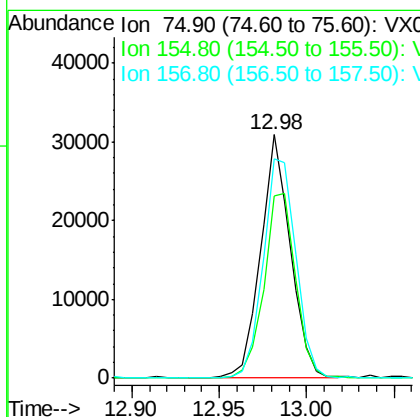
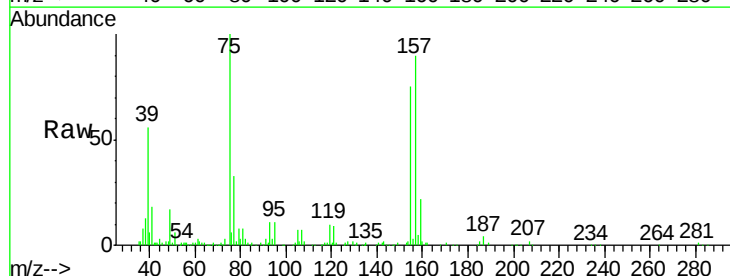
Manual Integrations
 APPROVED

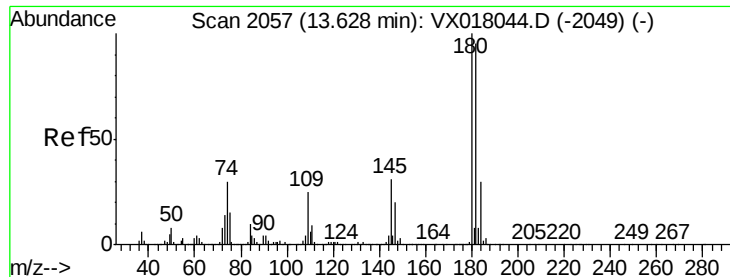
MMDadoda
 9/2/2020 2:23:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.528 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36537		
155	80.8	40.2	120.6	
157	98.6	55.0	165.2	





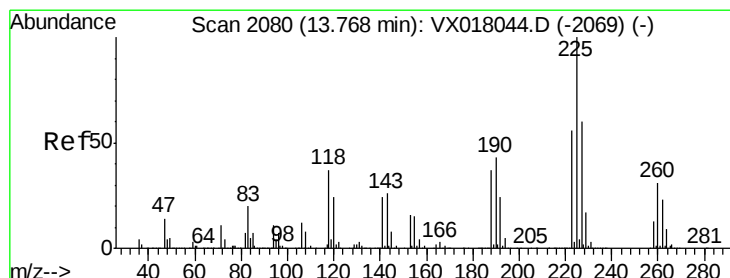
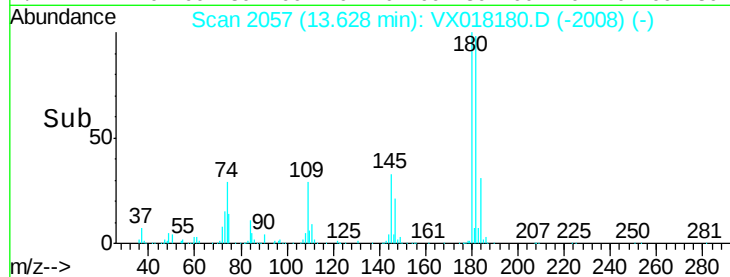
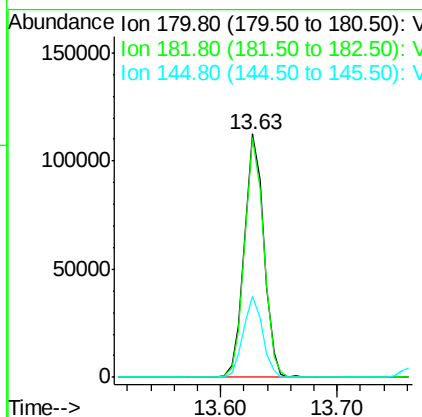
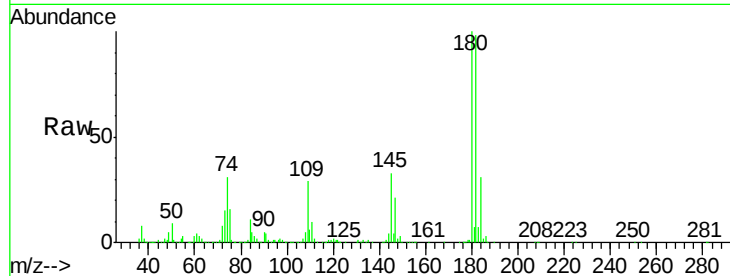
#93
 1,2,4-Trichlorobenzene
 Concen: 18.483 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	133065		
182	97.0	47.5	142.6	
145	33.1	15.7	47.1	

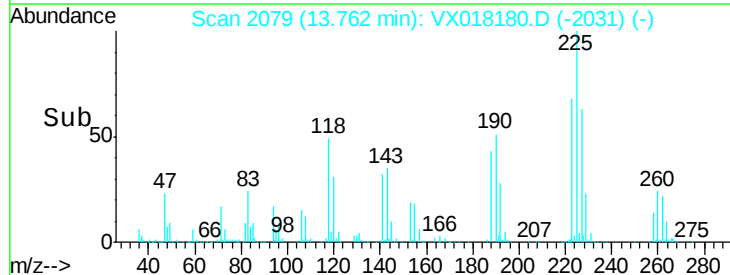
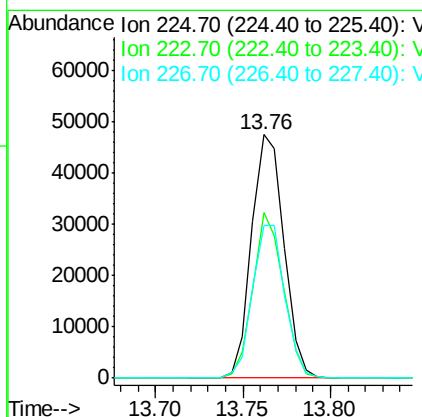
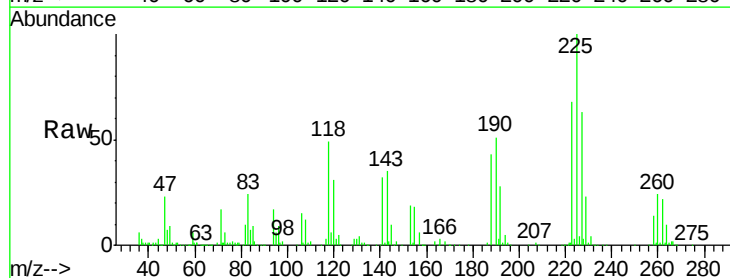
Manual Integrations
 APPROVED

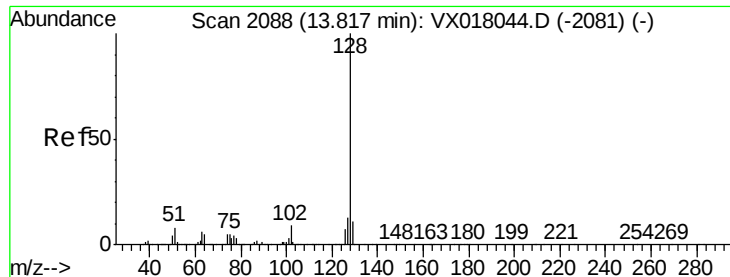
MMDadoda
 9/2/2020 2:23:12 PM



#94
 Hexachlorobutadiene
 Concen: 21.456 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018180.D
 Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	60925		
223	63.7	30.7	92.1	
227	63.4	32.6	97.8	





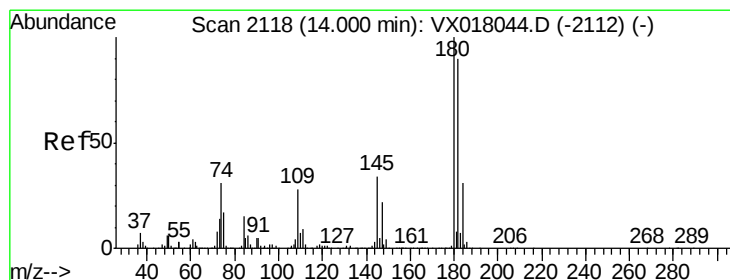
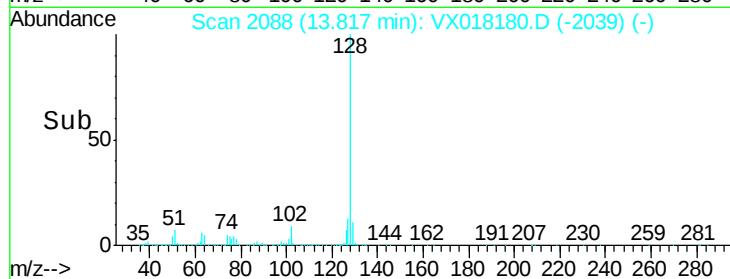
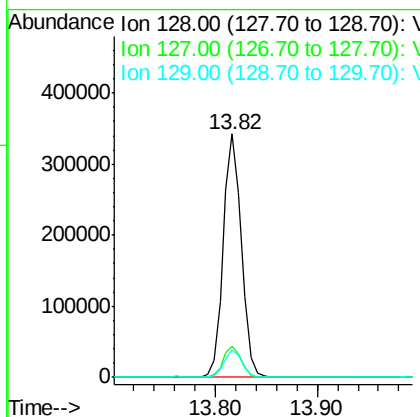
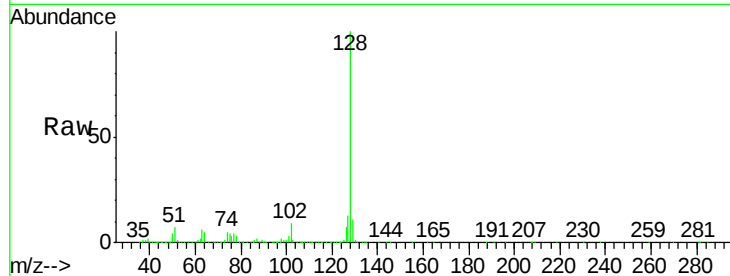
#95
Naphthalene
Concen: 17.816 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VX0901WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	422113		
127	13.0		10.2	15.2
129	11.1		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.817 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018180.D
Acq: 01 Sep 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	133854		
182	98.0		47.3	142.0
145	33.6		17.5	52.6

