

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018555.D
 Acq On : 23 Sep 2020 23:14
 Operator : JC/SP
 Sample : L4083-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:37 PM

Quant Time: Sep 24 01:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	402829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	624943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	608927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	332112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	294109	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
35) Dibromofluoromethane	5.47	113	226034	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
50) Toluene-d8	8.70	98	806558	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
62) 4-Bromofluorobenzene	11.12	95	313531	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	183751	48.113	ug/l	96
3) Chloromethane	1.31	50	195212	43.660	ug/l	99
4) Vinyl Chloride	1.39	62	214088	45.228	ug/l	99
5) Bromomethane	1.64	94	144713	49.811	ug/l	99
6) Chloroethane	1.71	64	125728	46.410	ug/l	98
7) Trichlorofluoromethane	1.92	101	371760	51.698	ug/l	97
8) Diethyl Ether	2.17	74	120401	47.721	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	192592	49.758	ug/l	99
10) Methyl Iodide	2.50	142	217232	45.816	ug/l	95
11) Tert butyl alcohol	3.05	59	195224	196.890	ug/l	99
12) 1,1-Dichloroethene	2.36	96	187763	48.130	ug/l	96
13) Acrolein	2.28	56	202265	322.165	ug/l	99
14) Allyl chloride	2.71	41	329431	43.577	ug/l	95
15) Acrylonitrile	3.12	53	528230	223.273	ug/l	98
16) Acetone	2.43	43	457729	210.027	ug/l	100
17) Carbon Disulfide	2.55	76	519918	44.625	ug/l	100
18) Methyl Acetate	2.75	43	237062	43.902	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	685214	50.036	ug/l	96
20) Methylene Chloride	2.84	84	214542	44.617	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	212351	46.837	ug/l	98
22) Diisopropyl ether	3.82	45	678533	47.750	ug/l	99
23) Vinyl Acetate	3.79	43	2851581	226.464	ug/l	100
24) 1,1-Dichloroethane	3.67	63	387990	47.344	ug/l	99
25) 2-Butanone	4.64	43	727375	214.320	ug/l	100
26) 2,2-Dichloropropane	4.56	77	317562	41.940	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	236498	46.539	ug/l	99
28) Bromochloromethane	4.98	49	177525	46.293	ug/l	96
29) Tetrahydrofuran	5.10	42	475243	222.169	ug/l	99
30) Chloroform	5.18	83	415979	50.028	ug/l	95
31) Cyclohexane	5.55	56	305627	44.318	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	386425	49.538	ug/l	99
36) 1,1-Dichloropropene	5.77	75	289470	47.722	ug/l	98
37) Ethyl Acetate	4.80	43	288081	44.475	ug/l	100
38) Carbon Tetrachloride	5.76	117	357376	53.198	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092320\
 Data File : VX018555.D
 Acq On : 23 Sep 2020 23:14
 Operator : JC/SP
 Sample : L4083-14MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:37 PM

Quant Time: Sep 24 01:56:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	307470	45.119	ug/l	99
40) Benzene	6.12	78	833825	47.967	ug/l	98
41) Methacrylonitrile	5.01	41	166398	46.232	ug/l	98
42) 1,2-Dichloroethane	6.17	62	352110	52.066	ug/l	99
43) Isopropyl Acetate	6.42	43	487670	45.371	ug/l	99
44) Trichloroethene	7.19	130	559104	111.103	ug/l	96
45) 1,2-Dichloropropane	7.49	63	225323	47.225	ug/l	100
46) Dibromomethane	7.64	93	157792	48.136	ug/l	97
47) Bromodichloromethane	7.88	83	335874	50.841	ug/l	98
48) Methyl methacrylate	7.74	41	243622	46.566	ug/l	96
49) 1,4-Dioxane	7.75	88	66179	765.547	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1508470	235.701	ug/l	100
52) Toluene	8.77	92	543887	49.720	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	361358	48.138	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	368530	47.654	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	226036	49.797	ug/l	98
56) Ethyl methacrylate	9.16	69	326681	48.538	ug/l	98
57) 1,3-Dichloropropane	9.35	76	370577	48.592	ug/l	99
59) 2-Hexanone	9.48	43	1133577	232.870	ug/l	100
60) Dibromochloromethane	9.57	129	275730	50.944	ug/l	100
61) 1,2-Dibromoethane	9.66	107	246706	51.083	ug/l	98
64) Tetrachloroethene	9.32	164	235347	49.092	ug/l	94
65) Chlorobenzene	10.12	112	585594	46.703	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	242028	48.117	ug/l	99
67) Ethyl Benzene	10.24	91	1035591	47.716	ug/l	98
68) m/p-Xylenes	10.34	106	783872	95.479	ug/l	98
69) o-Xylene	10.68	106	368011	47.337	ug/l	99
70) Styrene	10.70	104	648313	48.297	ug/l	98
71) Bromoform	10.84	173	201474	47.706	ug/l	# 98
73) Isopropylbenzene	11.01	105	1017691	45.870	ug/l	99
74) N-amyl acetate	10.88	43	401664	40.213	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	330201	44.964	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	298470m	42.766	ug/l	
77) Bromobenzene	11.24	156	264104	43.143	ug/l	98
78) n-propylbenzene	11.34	91	1176491	45.303	ug/l	98
79) 2-Chlorotoluene	11.41	91	691780	44.007	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	882395	46.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	110832	40.694	ug/l	96
82) 4-Chlorotoluene	11.49	91	839080	44.904	ug/l	99
83) tert-Butylbenzene	11.76	119	837091	45.439	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	886245	46.380	ug/l	98
85) sec-Butylbenzene	11.93	105	972524	44.741	ug/l	100
86) p-Isopropyltoluene	12.05	119	902052	45.155	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	486057	44.161	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	479302	42.948	ug/l	98
89) n-Butylbenzene	12.37	91	788652	42.644	ug/l	99
90) Hexachloroethane	12.58	117	178358	44.721	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	472312	45.847	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	77713	43.592	ug/l	93
93) 1,2,4-Trichlorobenzene	13.63	180	304218	42.430	ug/l	95

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX092320\
Data File : VX018555.D
Acq On : 23 Sep 2020 23:14
Operator : JC/SP
Sample : L4083-14MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

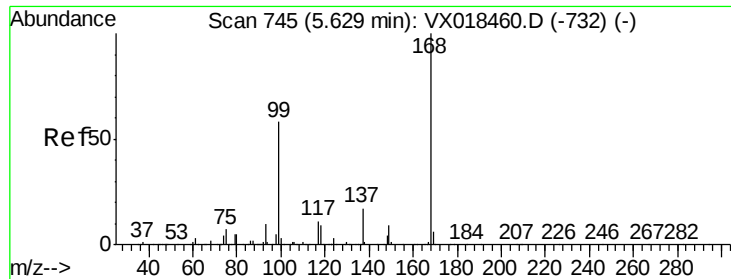
Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM

Quant Time: Sep 24 01:56:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	124876	41.505	ug/l	97
95) Naphthalene	13.82	128	963128	44.480	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	297296	43.387	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion:168 Resp: 402829

Ion Ratio Lower Upper

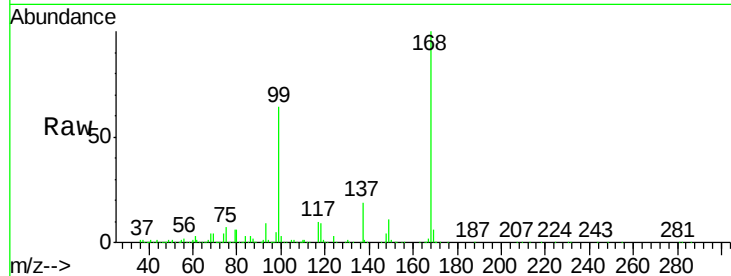
168 100

99 63.8 46.5 69.7

Manual Integrations
APPROVED

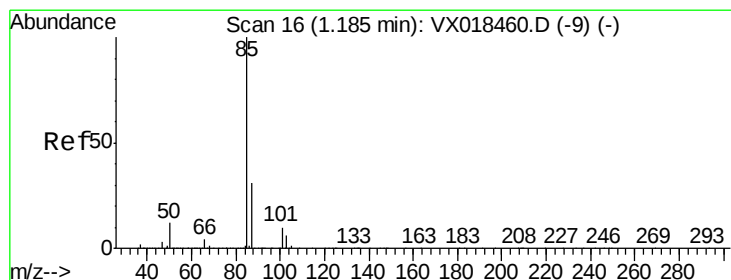
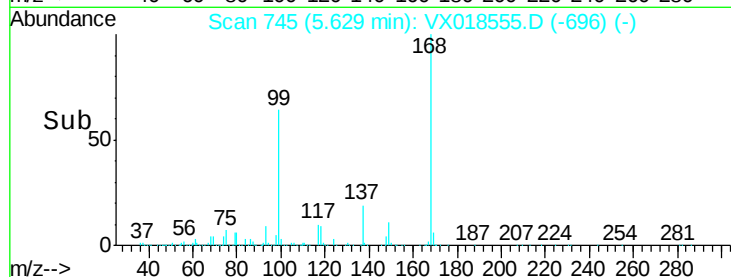
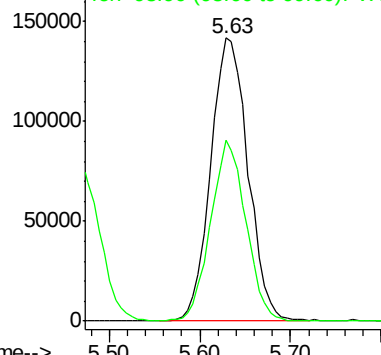
MMDadoda

9/24/2020 1:39:37 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.113 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018555.D

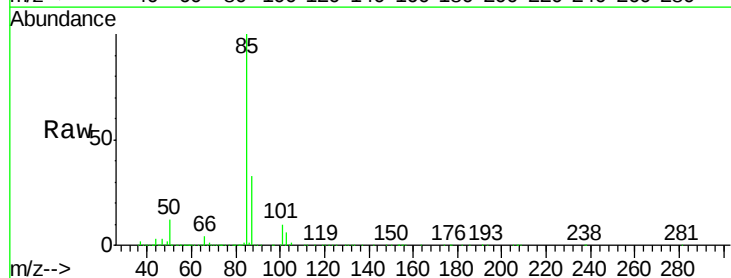
Acq: 23 Sep 2020 23:14

Tgt Ion: 85 Resp: 183751

Ion Ratio Lower Upper

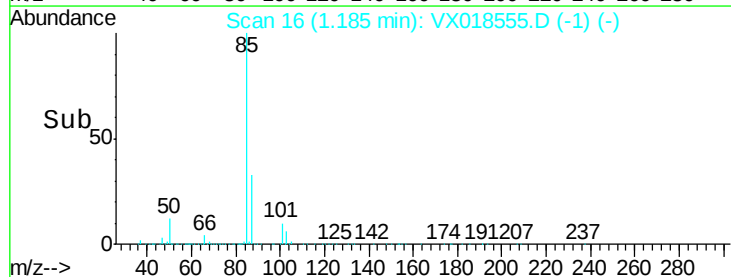
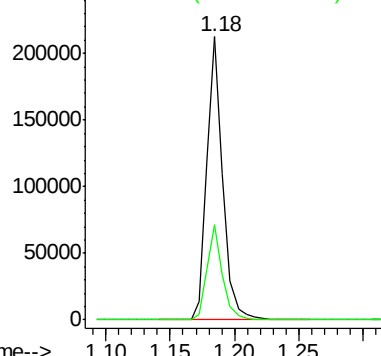
85 100

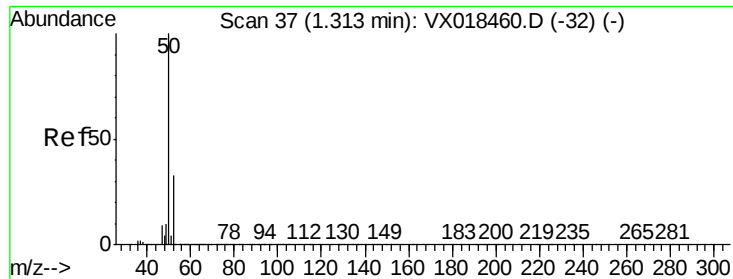
87 33.4 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 43.660 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 50 Resp: 195212

Ion Ratio Lower Upper

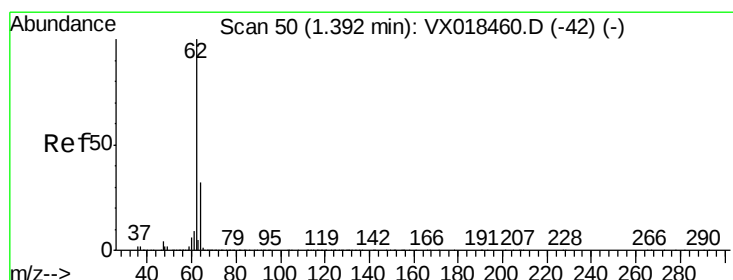
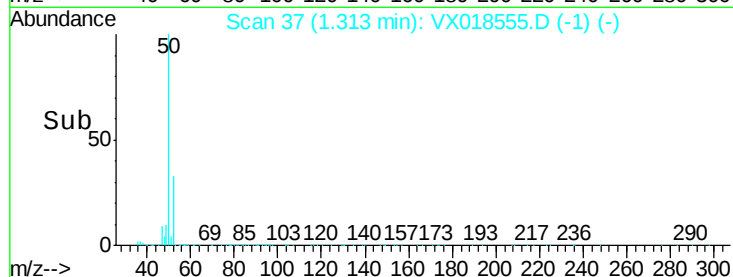
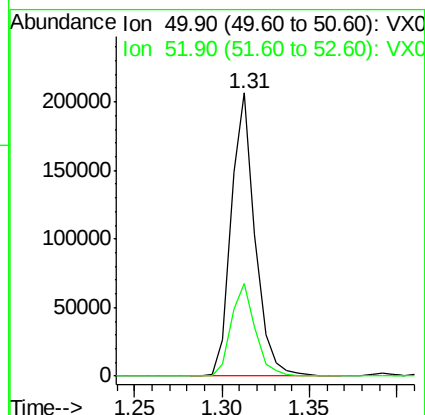
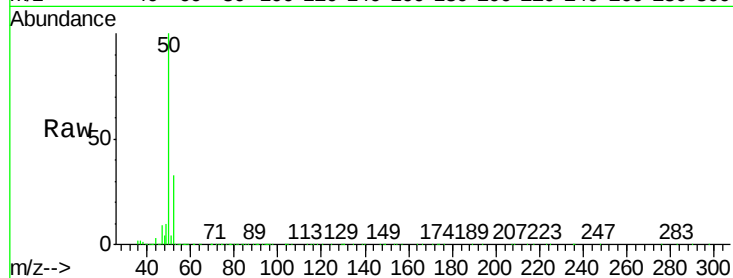
50 100

52 32.5 26.6 40.0

Manual Integrations
APPROVED

MMDadoda

9/24/2020 1:39:37 PM



#4

Vinyl Chloride

Concen: 45.228 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018555.D

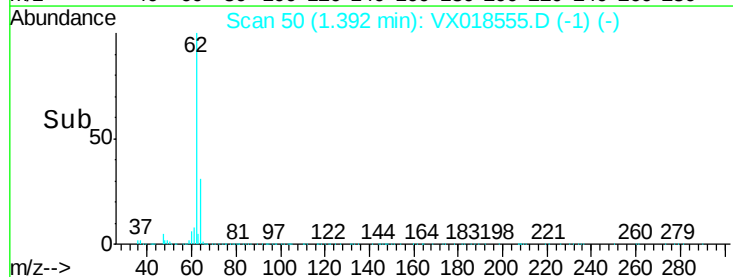
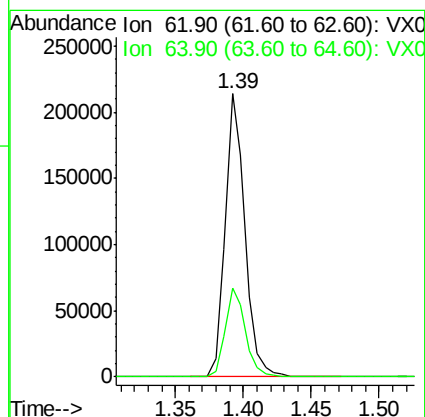
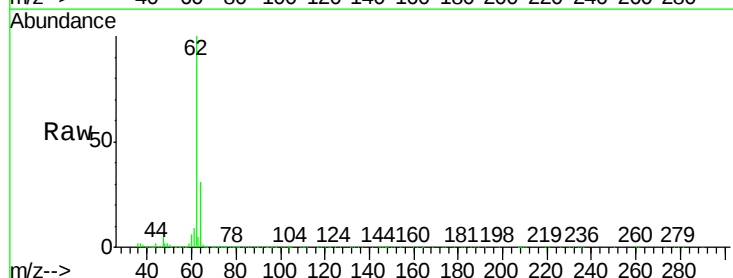
Acq: 23 Sep 2020 23:14

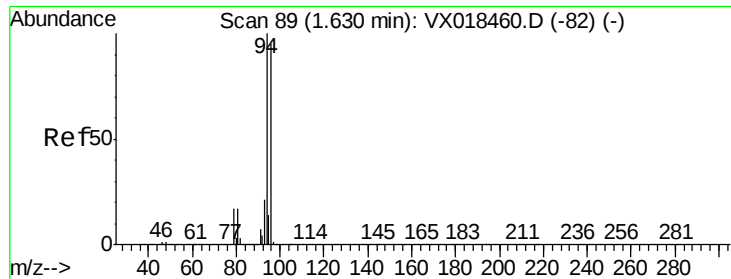
Tgt Ion: 62 Resp: 214088

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 49.811 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 94 Resp: 144713

Ion Ratio Lower Upper

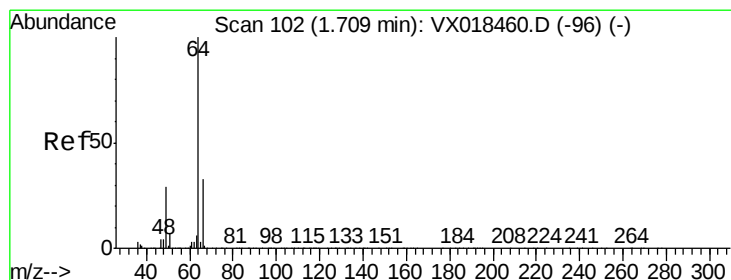
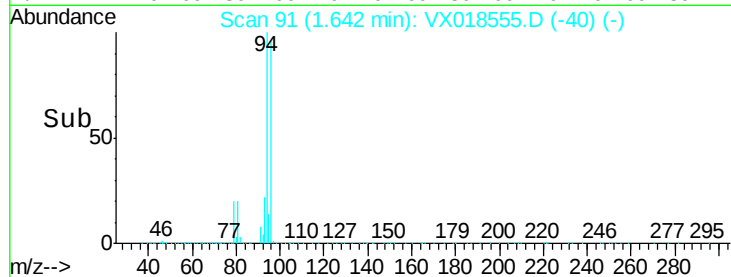
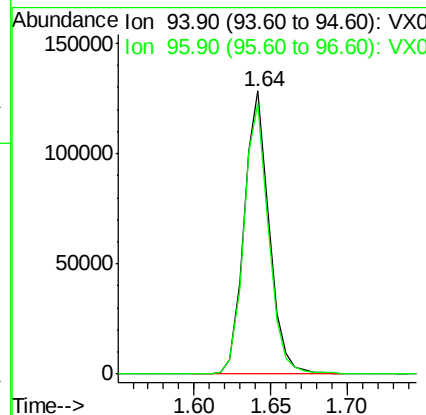
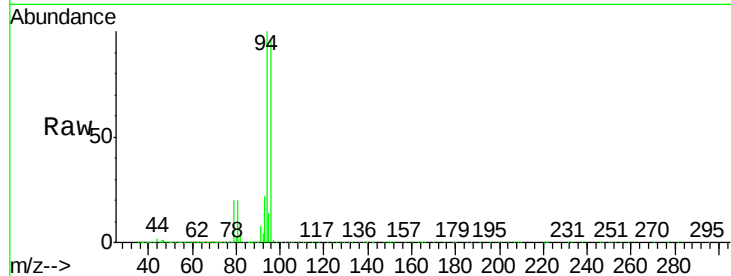
94 100

96 95.5 75.5 113.3

Manual Integrations
APPROVED

MMDadoda

9/24/2020 1:39:37 PM



#6

Chloroethane

Concen: 46.410 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018555.D

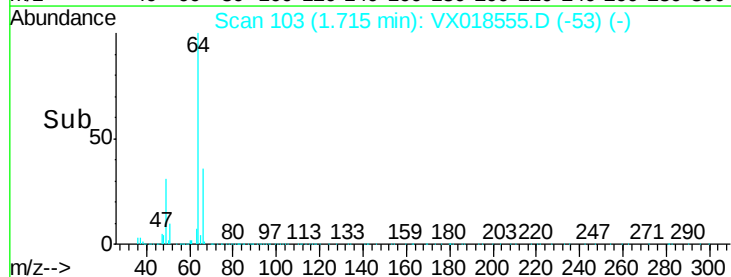
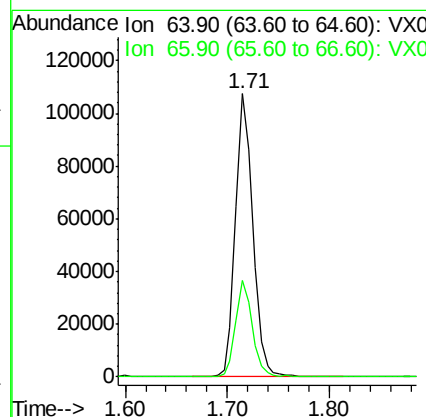
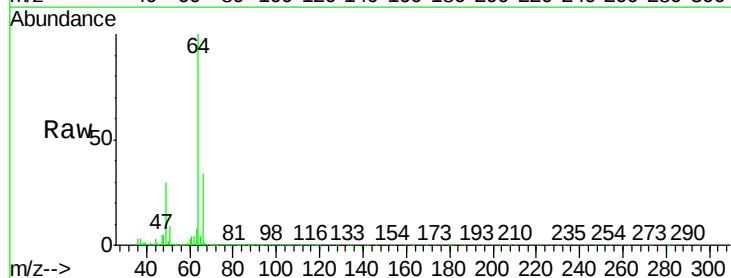
Acq: 23 Sep 2020 23:14

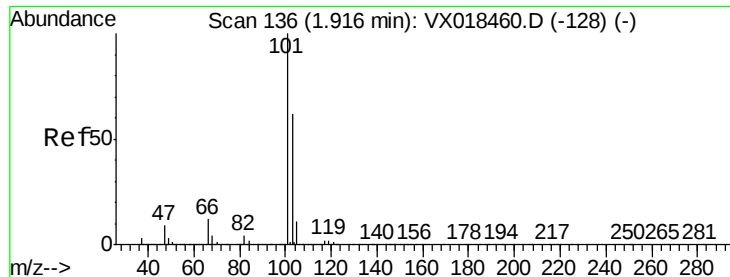
Tgt Ion: 64 Resp: 125728

Ion Ratio Lower Upper

64 100

66 34.1 26.2 39.4





#7

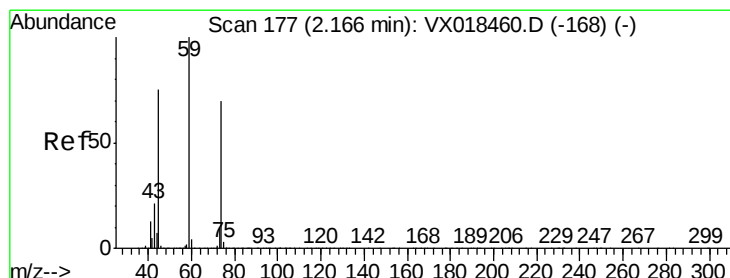
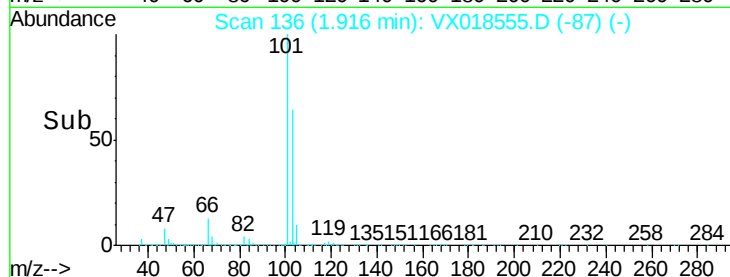
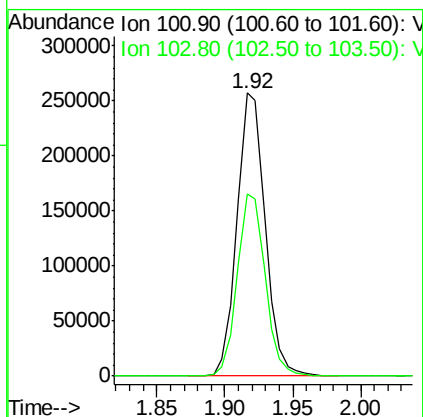
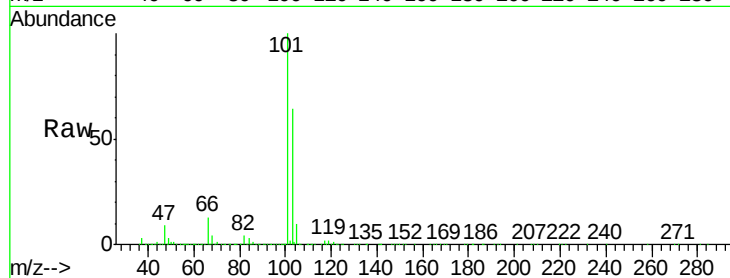
Trichlorofluoromethane
 Concen: 51.698 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	49.6	74.4

Manual Integrations
 APPROVED

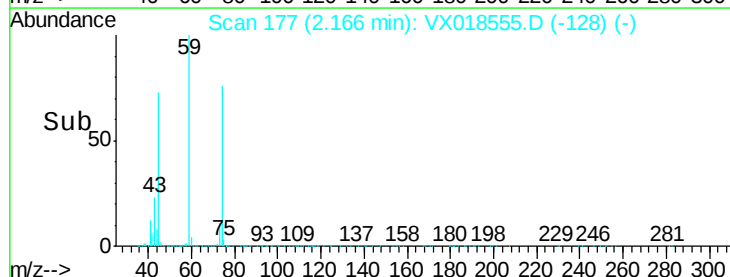
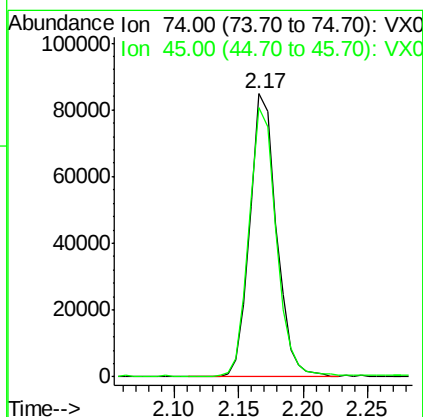
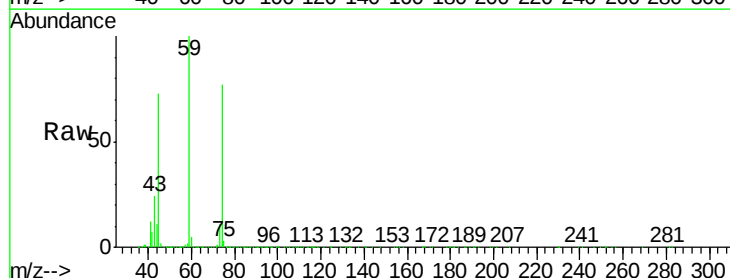
MMDadoda
 9/24/2020 1:39:37 PM

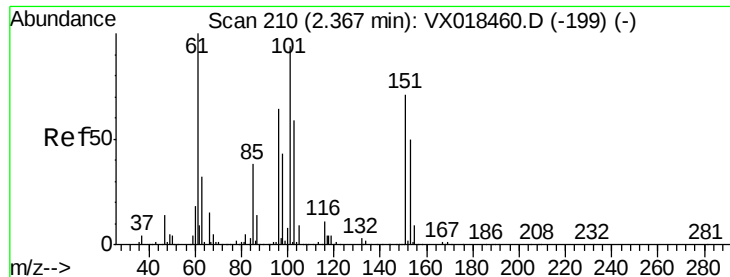


#8

Diethyl Ether
 Concen: 47.721 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.758 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

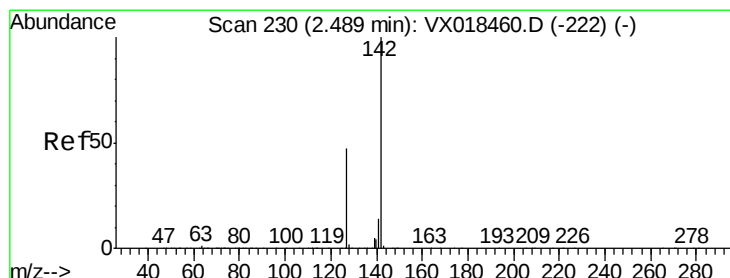
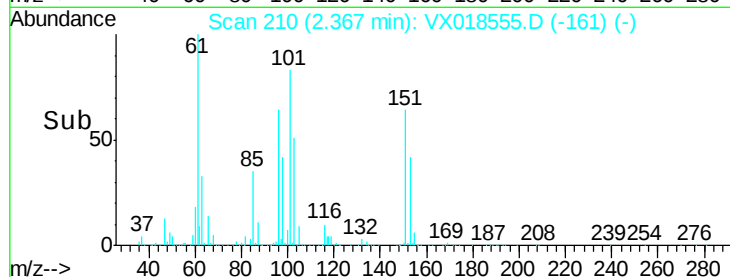
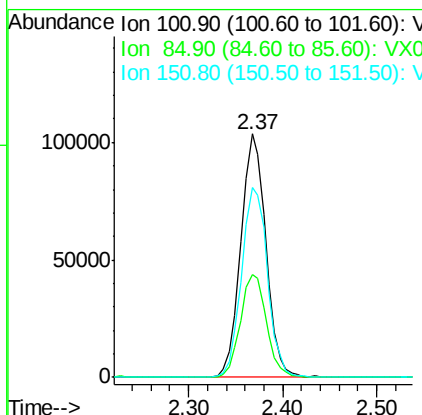
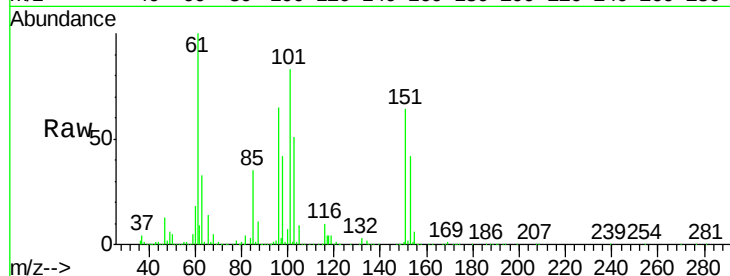
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	101	Resp:	192592
Ion Ratio	Lower	Upper	
101	100		
85	43.9	34.7	52.1
151	80.6	64.9	97.3

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#10

Methyl Iodide

Concen: 45.816 ug/l

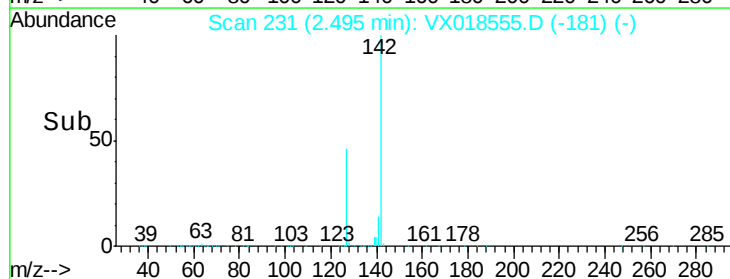
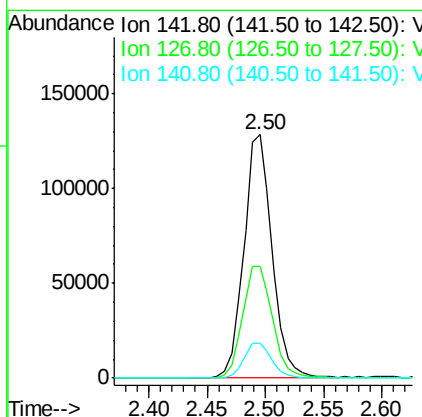
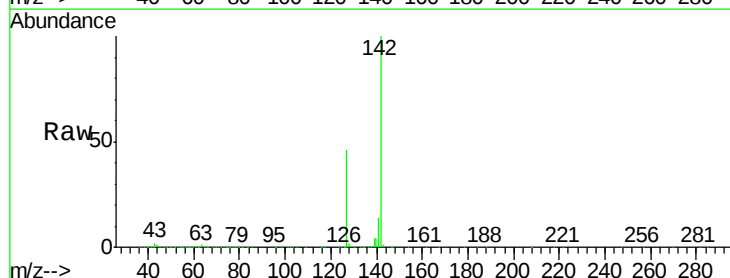
RT: 2.50 min Scan# 231

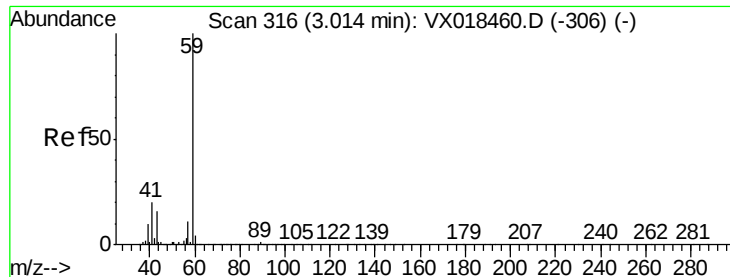
Delta R.T. 0.01 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	142	Resp:	217232
Ion Ratio	Lower	Upper	
142	100		
127	49.3	36.0	54.0
141	14.4	11.9	17.9





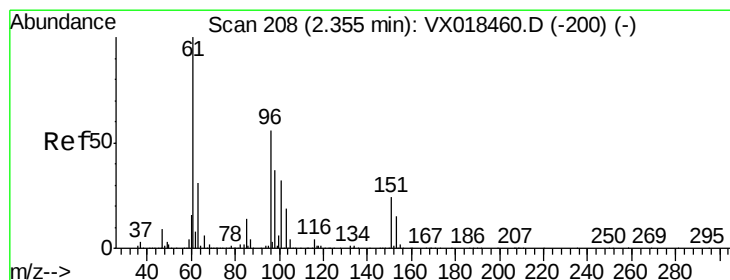
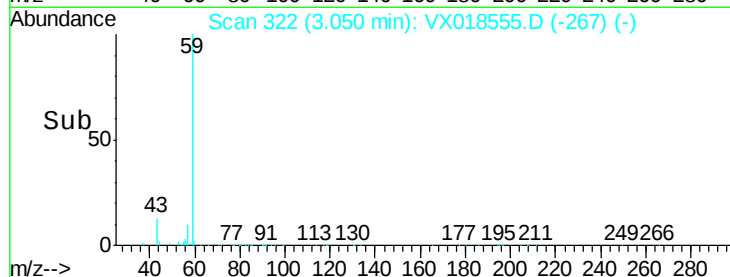
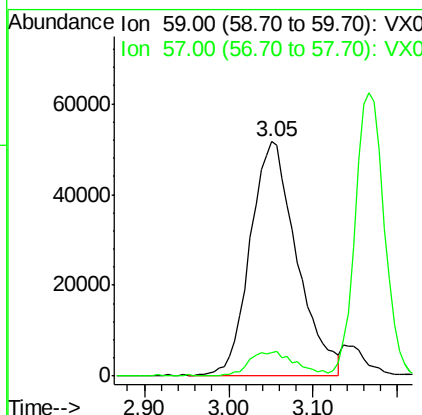
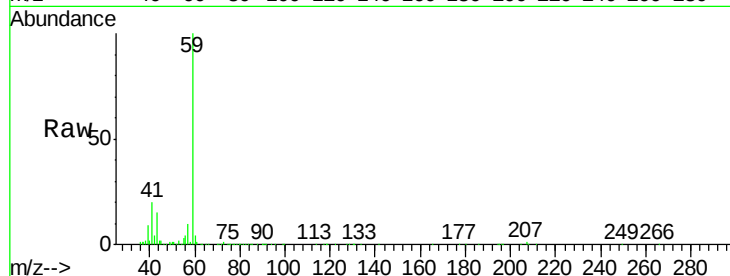
#11
Tert butyl alcohol
Concen: 196.890 ug/l
RT: 3.05 min Scan# 322
Delta R.T. 0.04 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	59	Resp	195224
Ion Ratio	100	Lower	Upper
57	10.5	8.2	12.4

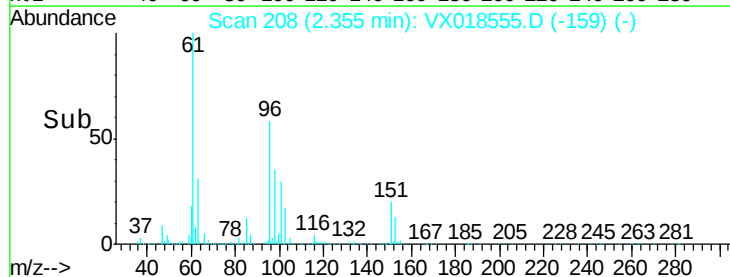
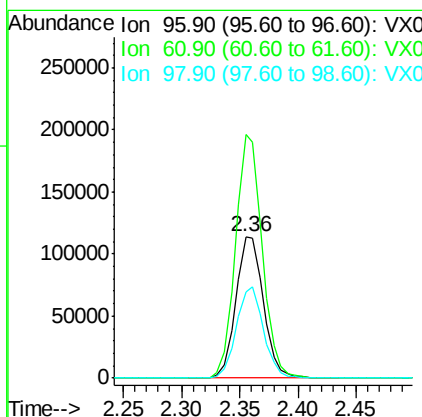
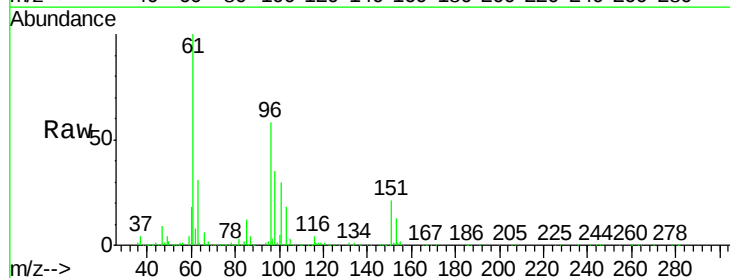
Manual Integrations
APPROVED

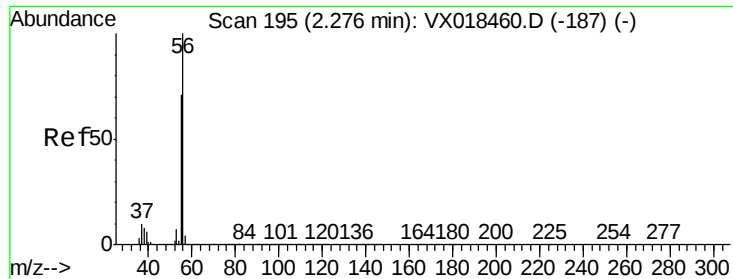
MMDadoda
9/24/2020 1:39:37 PM



#12
1,1-Dichloroethene
Concen: 48.130 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	96	Resp	187763
Ion Ratio	100	Lower	Upper
61	172.2	142.2	213.4
98	60.9	52.4	78.6





#13

Acrolein

Concen: 322.165 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 56 Resp: 202265

Ion Ratio Lower Upper

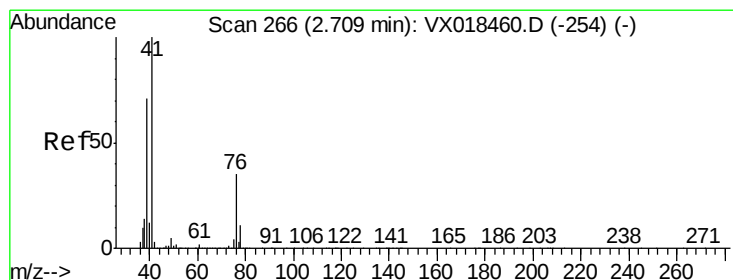
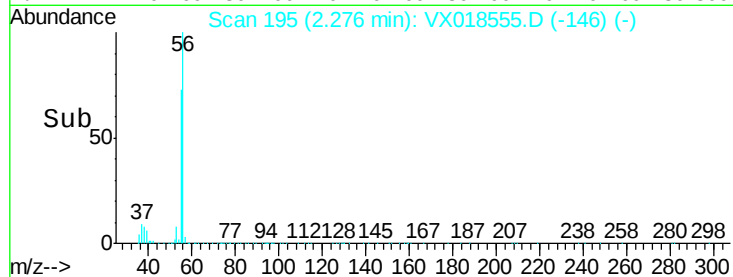
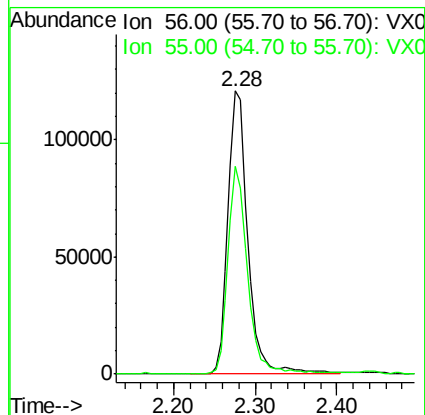
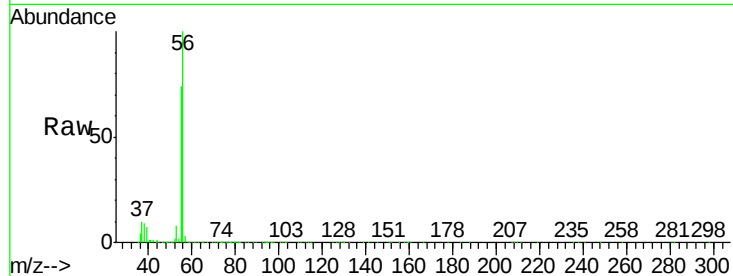
56 100

55 71.6 58.2 87.4

Manual Integrations
APPROVED

MMDadoda

9/24/2020 1:39:37 PM



#14

Allyl chloride

Concen: 43.577 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

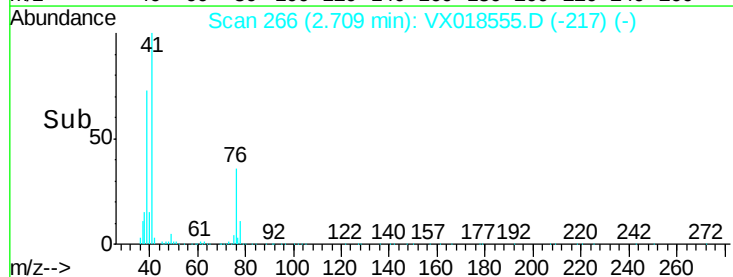
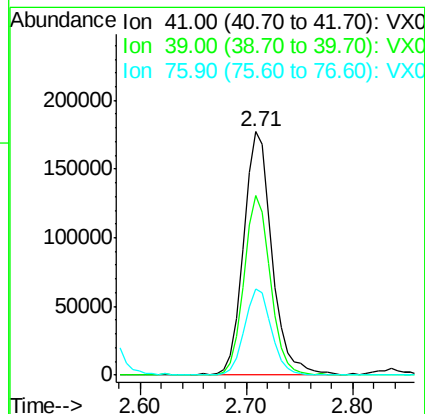
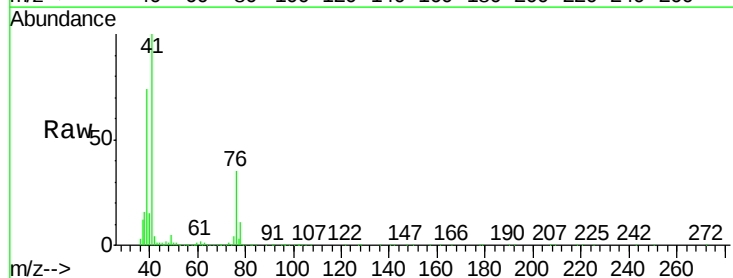
Tgt Ion: 41 Resp: 329431

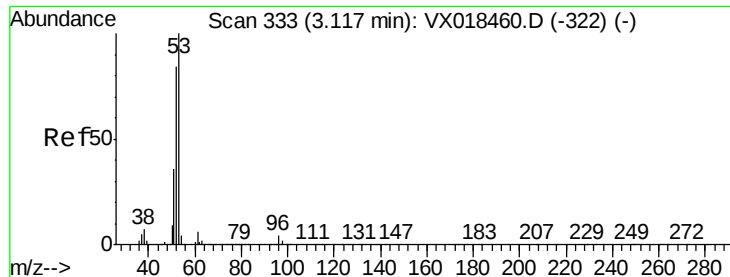
Ion Ratio Lower Upper

41 100

39 68.6 51.1 76.7

76 33.7 26.0 39.0





#15

Acrylonitrile

Concen: 223.273 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

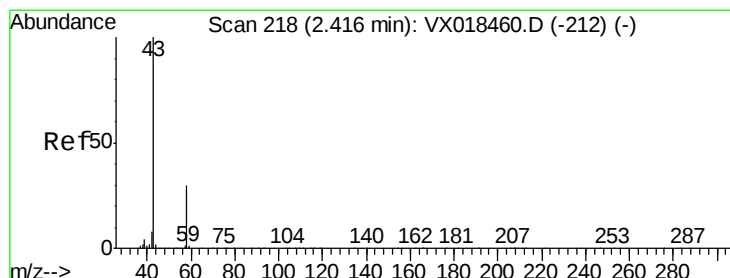
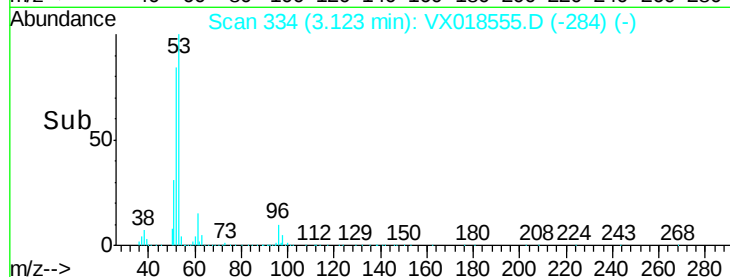
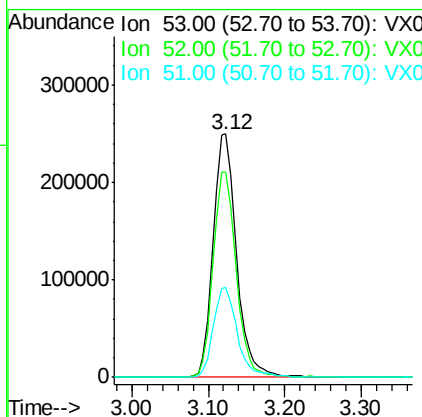
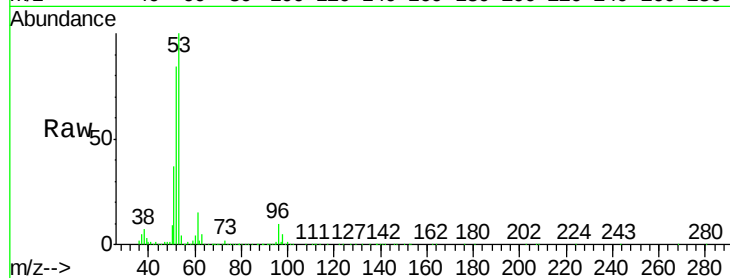
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	53	Resp:	528230
Ion Ratio	Lower	Upper	
53	100		
52	83.5	65.8	98.8
51	37.7	29.2	43.8

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#16

Acetone

Concen: 210.027 ug/l

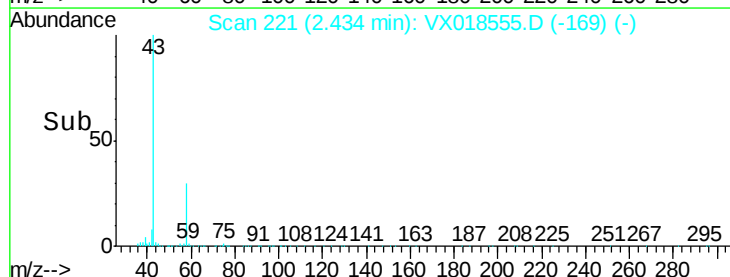
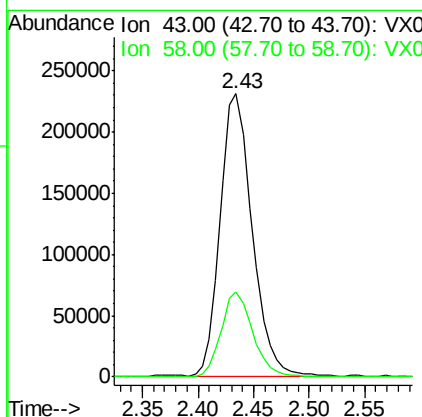
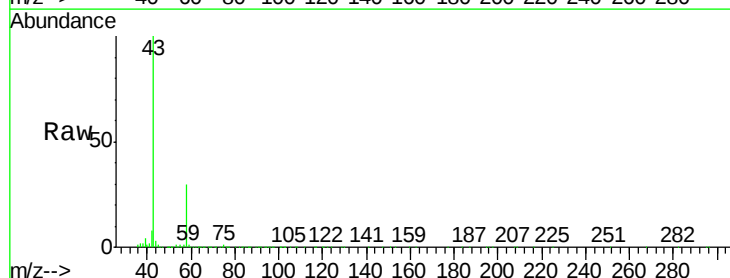
RT: 2.43 min Scan# 221

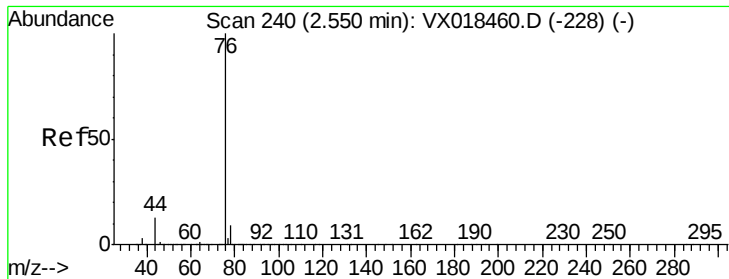
Delta R.T. 0.02 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	43	Resp:	457729
Ion Ratio	Lower	Upper	
43	100		
58	29.8	24.0	36.0





#17

Carbon Disulfide

Concen: 44.625 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 76 Resp: 519918

Ion Ratio Lower Upper

76 100

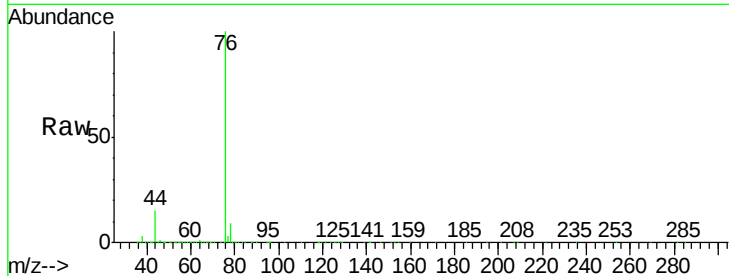
78 8.8 7.0 10.4

Manual Integrations

APPROVED

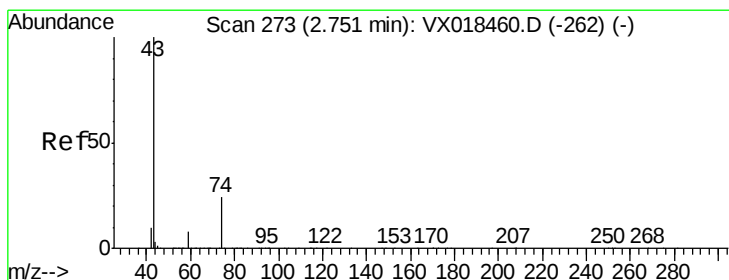
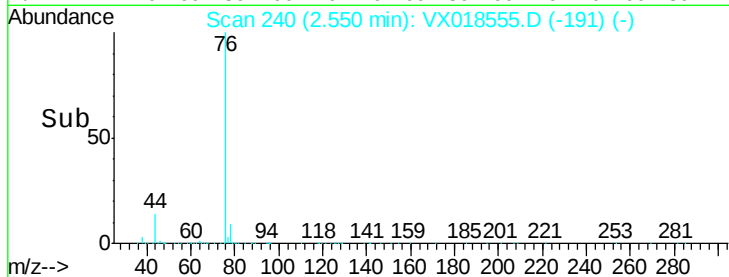
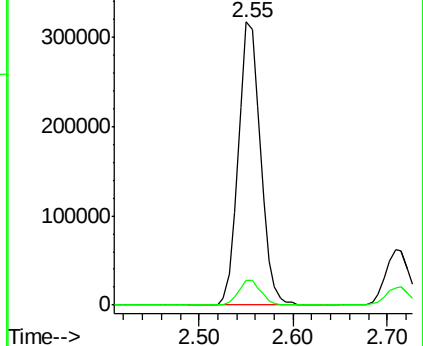
MMDadoda

9/24/2020 1:39:37 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 43.902 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018555.D

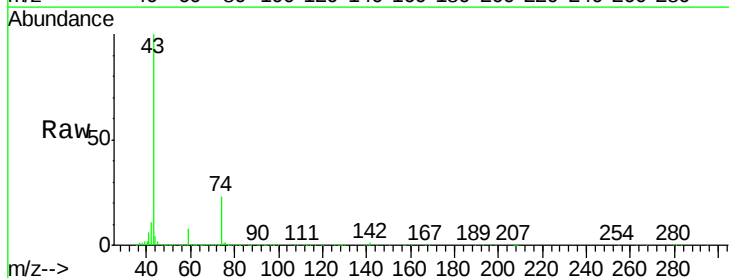
Acq: 23 Sep 2020 23:14

Tgt Ion: 43 Resp: 237062

Ion Ratio Lower Upper

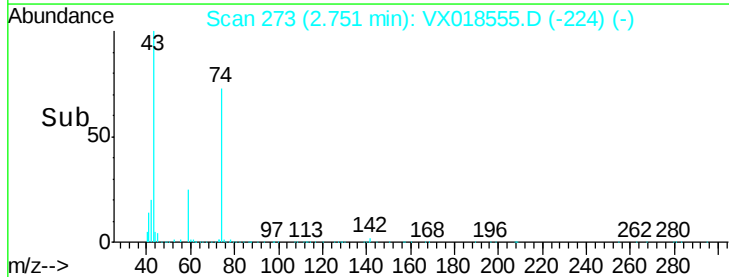
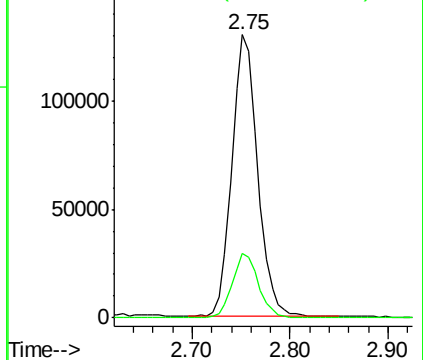
43 100

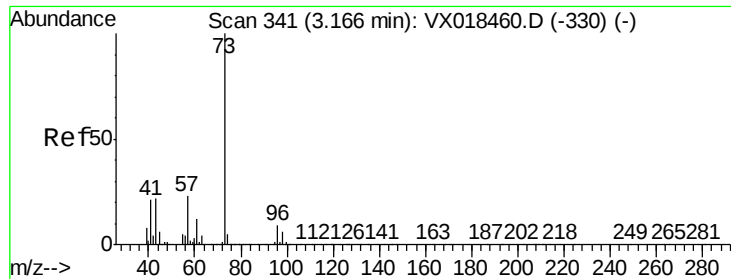
74 23.9 18.3 27.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





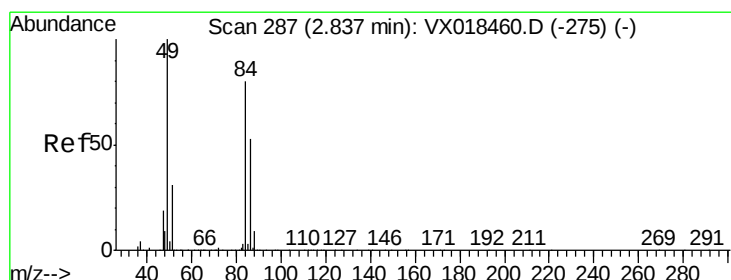
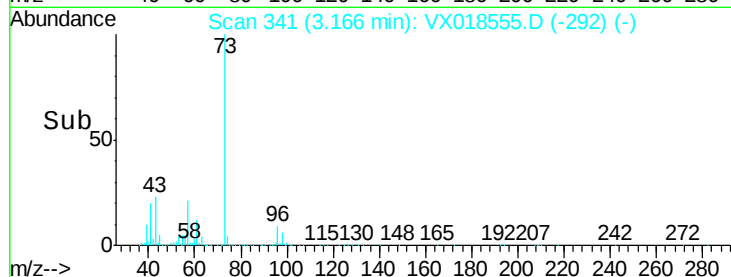
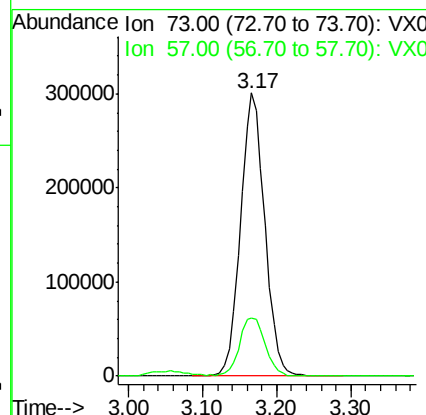
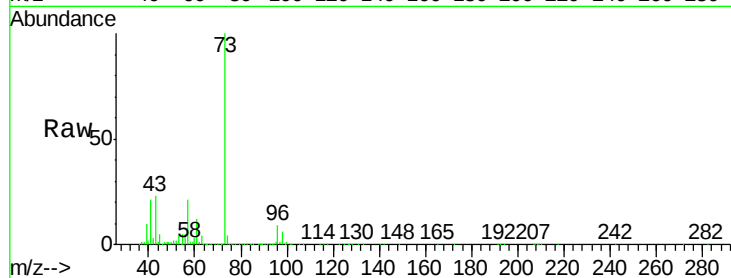
#19
Methyl tert-butyl Ether
Concen: 50.036 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.7	18.0	27.0

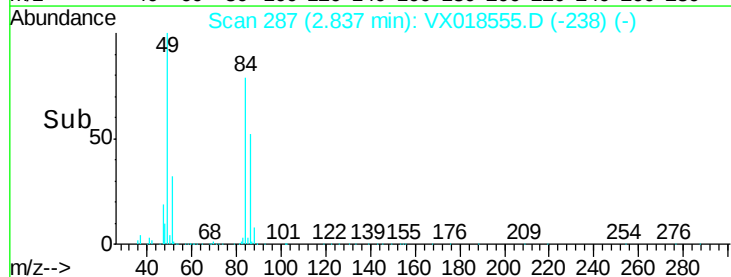
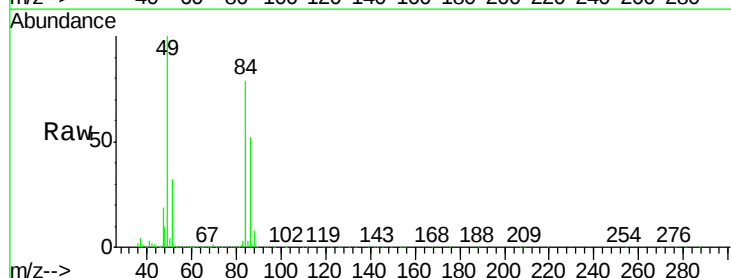
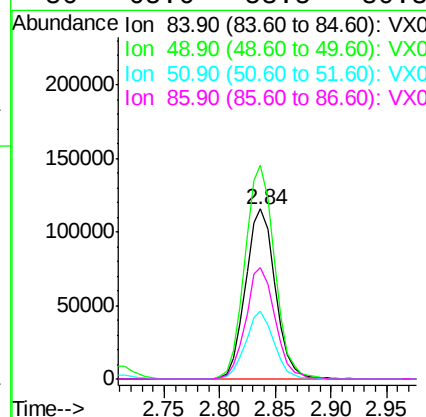
Manual Integrations
APPROVED

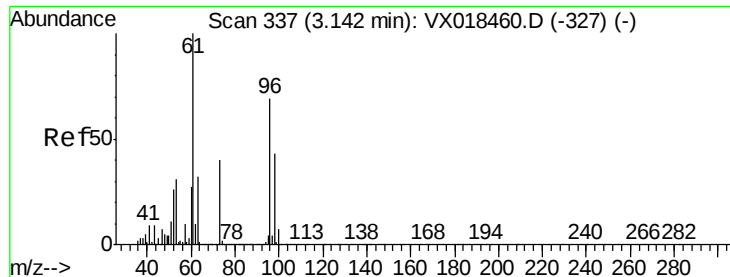
MMDadoda
9/24/2020 1:39:37 PM



#20
Methylene Chloride
Concen: 44.617 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.5	100.6	151.0
51	40.2	30.9	46.3
86	65.6	53.5	80.3





#21

trans-1,2-Dichloroethene

Concen: 46.837 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

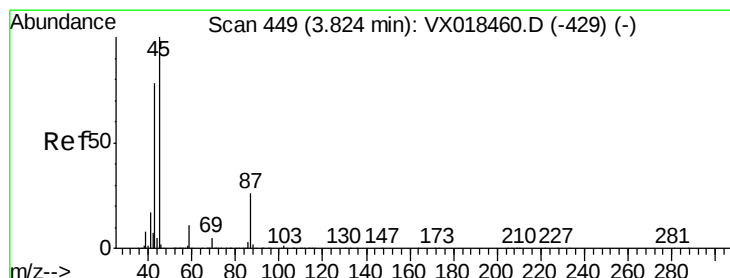
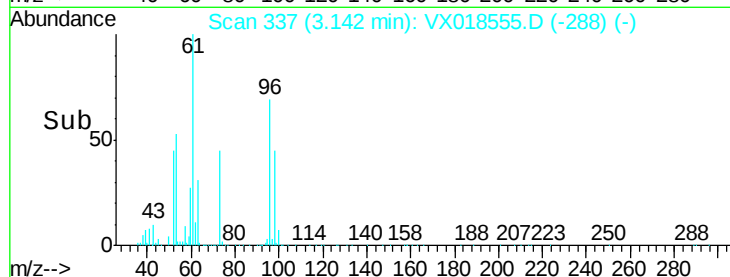
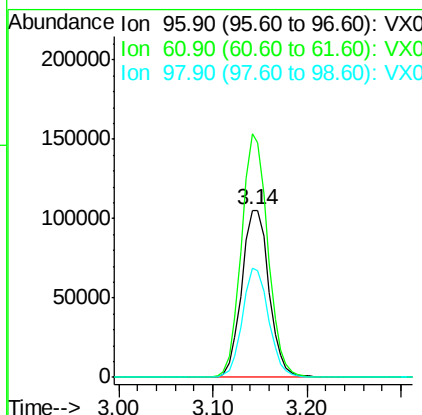
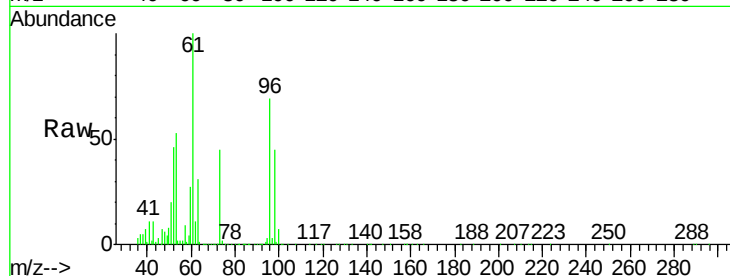
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	96	Resp:	212351
Ion Ratio	Lower	Upper	
96	100		
61	145.5	115.6	173.4
98	65.7	50.2	75.4

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#22

Diisopropyl ether

Concen: 47.750 ug/l

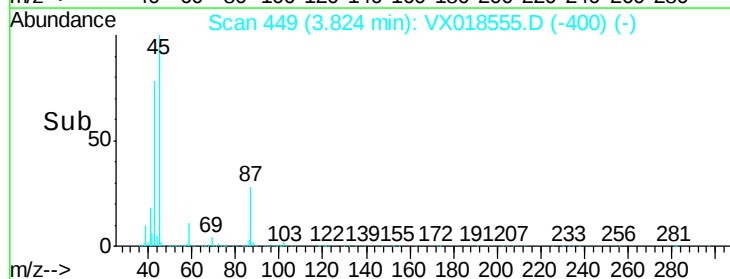
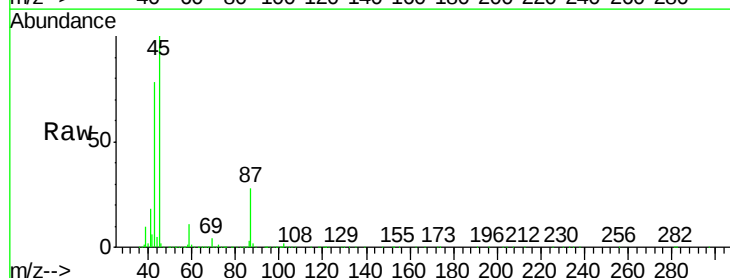
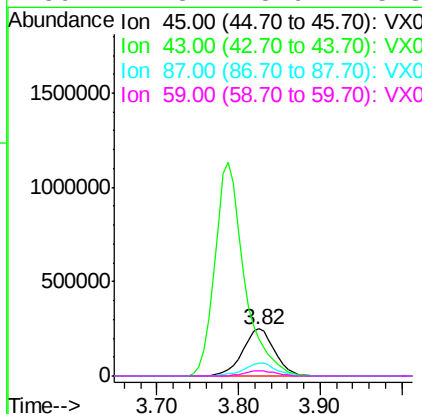
RT: 3.82 min Scan# 449

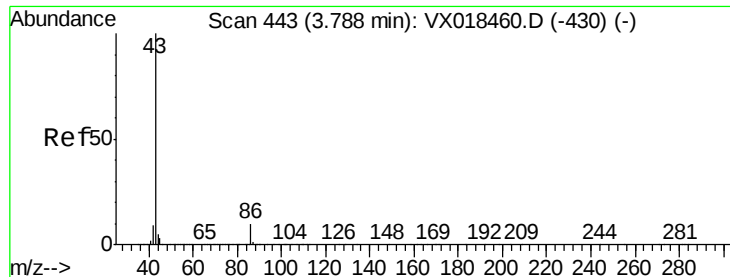
Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	45	Resp:	678533
Ion Ratio	Lower	Upper	
45	100		
43	77.6	62.4	93.6
87	28.0	21.2	31.8
59	11.3	8.9	13.3





#23

Vinyl Acetate

Concen: 226.464 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 43 Resp: 2851581

Ion Ratio Lower Upper

43 100

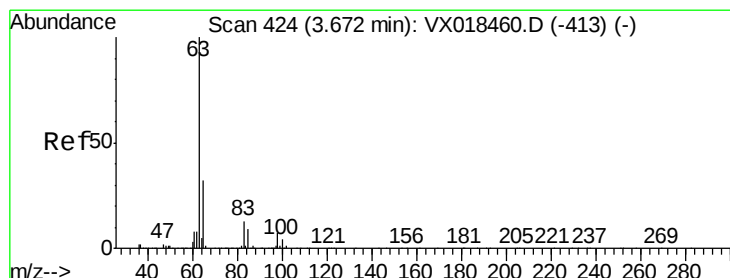
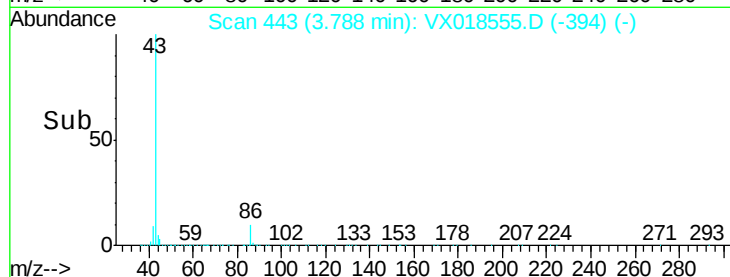
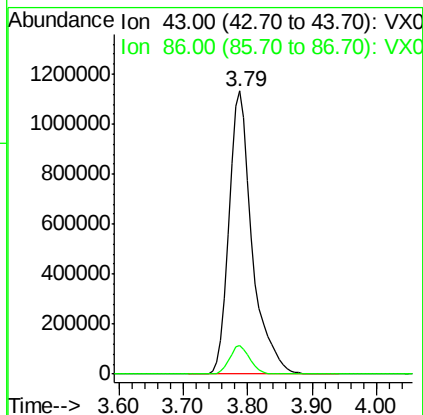
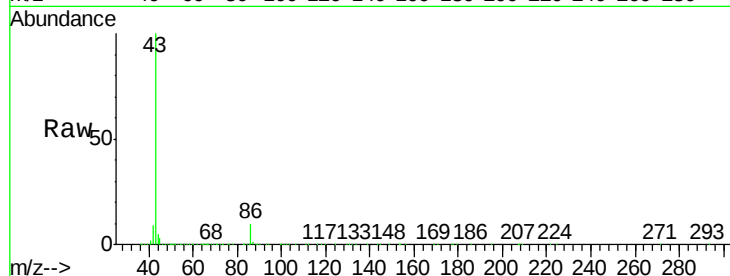
86 10.0 8.1 12.1

Manual Integrations

APPROVED

MMDadoda

9/24/2020 1:39:37 PM



#24

1,1-Dichloroethane

Concen: 47.344 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

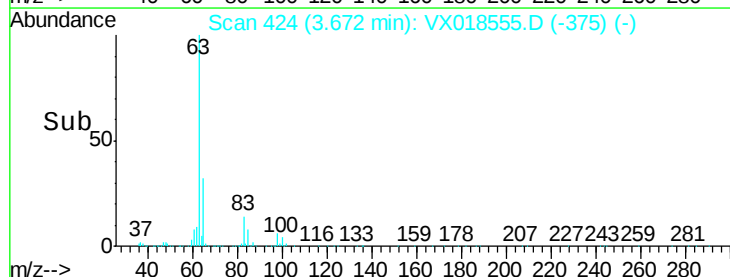
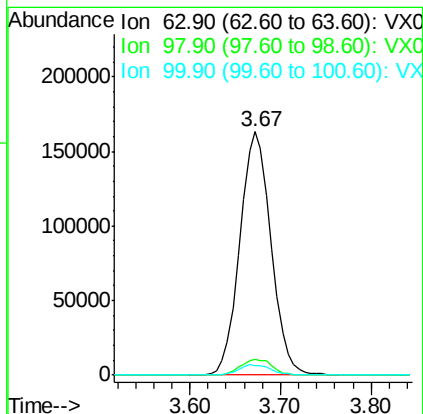
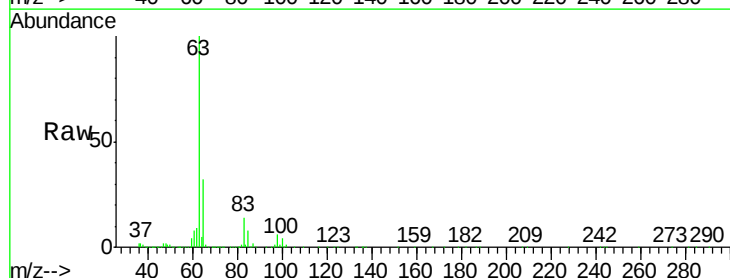
Tgt Ion: 63 Resp: 387990

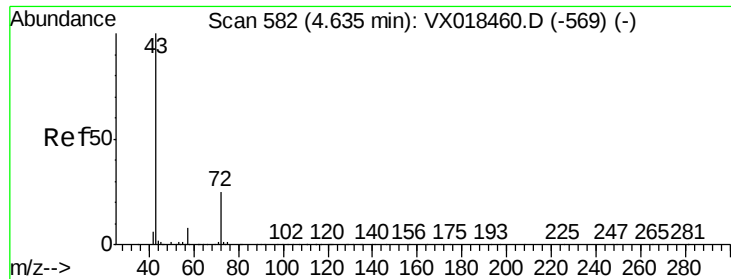
Ion Ratio Lower Upper

63 100

98 6.5 3.5 10.6

100 3.8 1.9 5.7





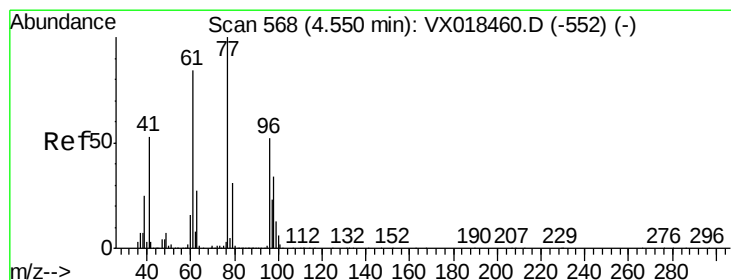
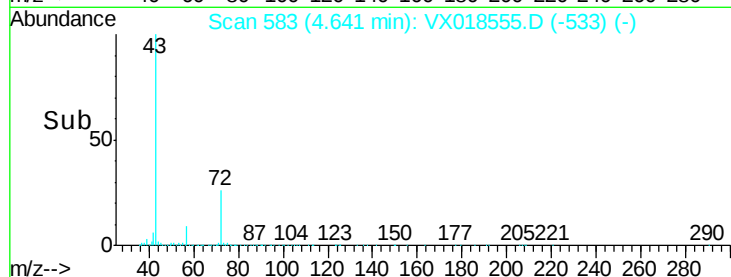
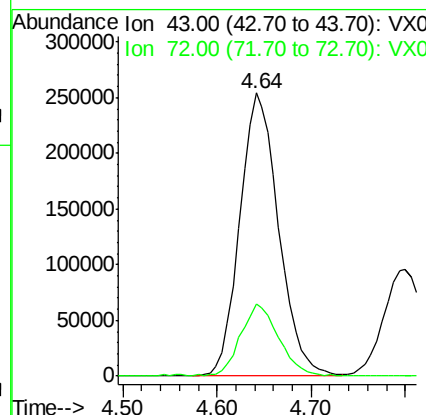
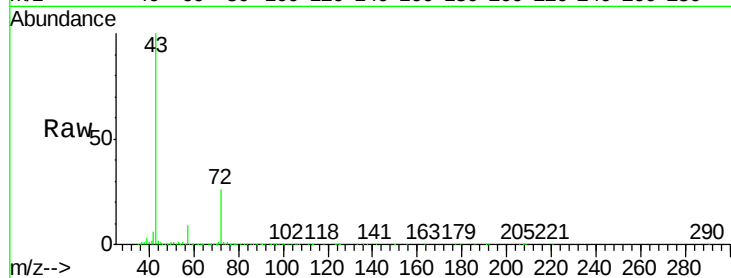
#25
2-Butanone
Concen: 214.320 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.4	20.2	30.4

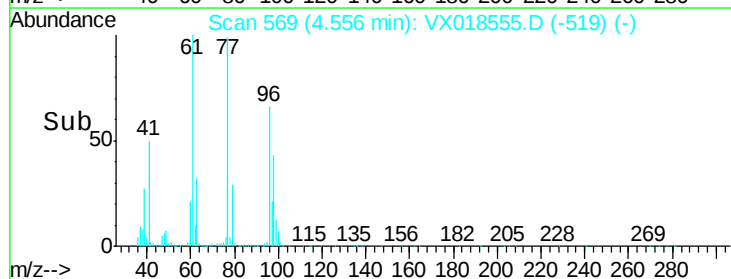
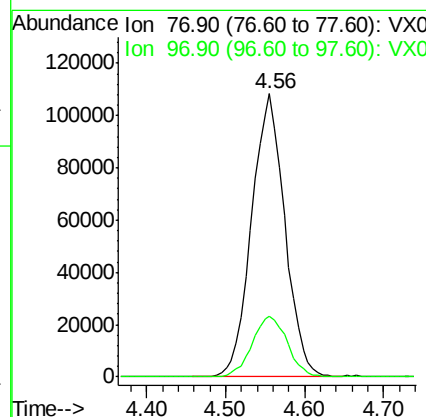
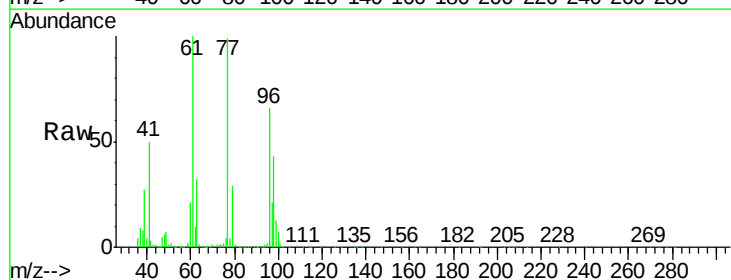
Manual Integrations
APPROVED

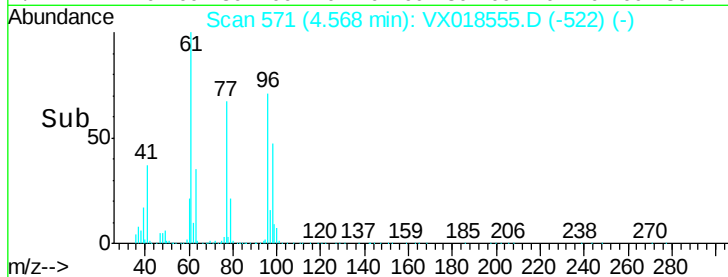
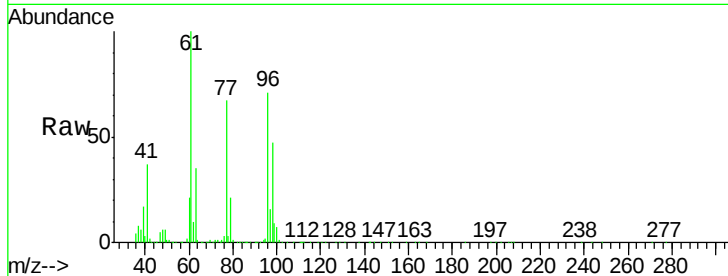
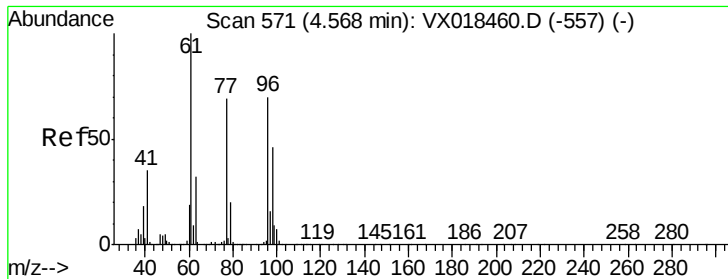
MMDadoda
9/24/2020 1:39:37 PM



#26
2,2-Dichloropropane
Concen: 41.940 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
77	100		
97	22.8	11.2	33.5





#27

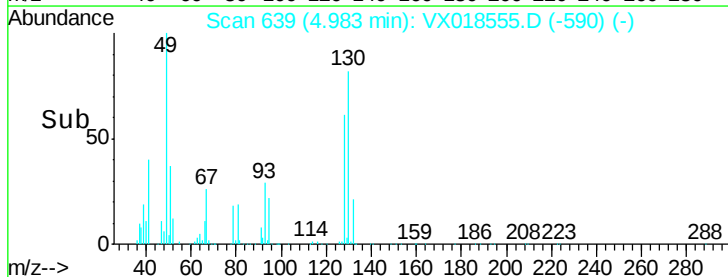
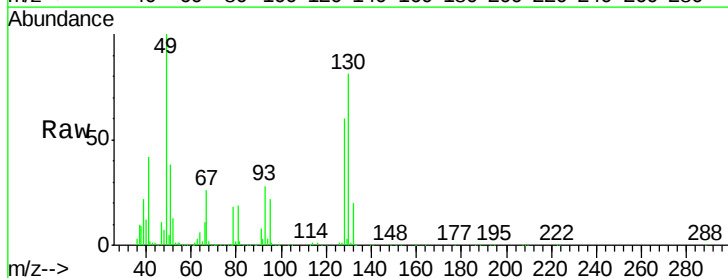
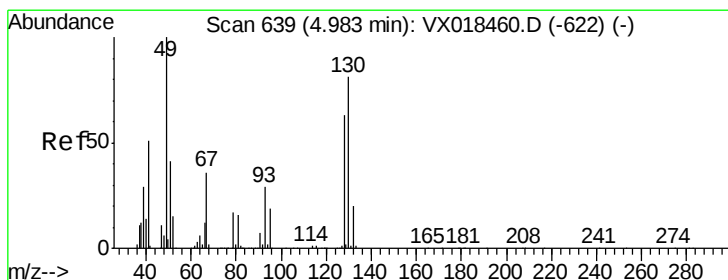
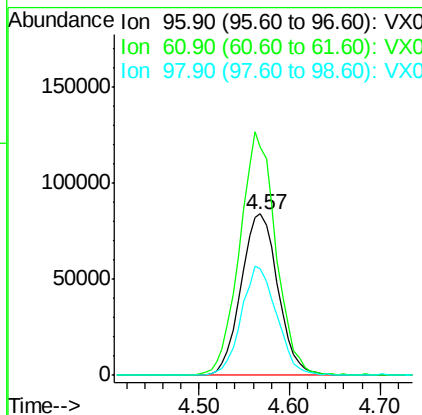
cis-1,2-Dichloroethene
Concen: 46.539 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tot Ion	Ratio	Resp	Lower	Upper
96	100	236498		
61	147.9	0.0	300.0	
98	65.0	0.0	130.4	

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Manual Integrations
APPROVED

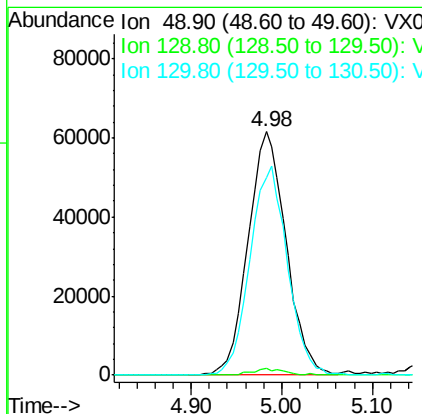
MMDadoda
9/24/2020 1:39:37 PM

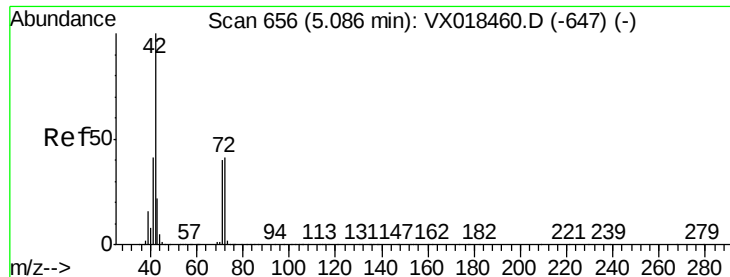


#28

Bromochloromethane
Concen: 46.293 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	177525		
129	2.3	0.0	4.6	
130	85.3	65.0	97.4	





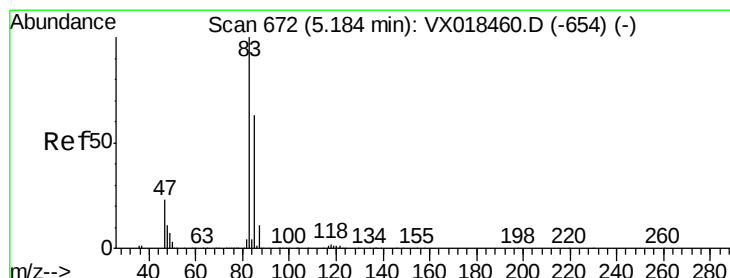
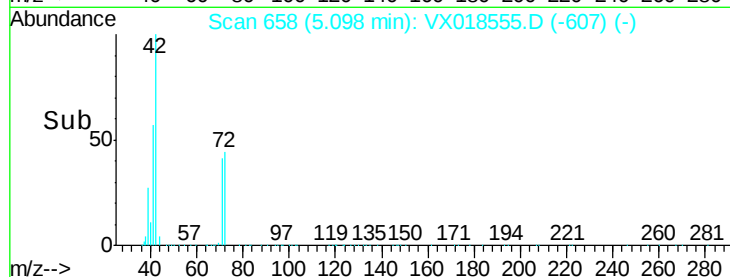
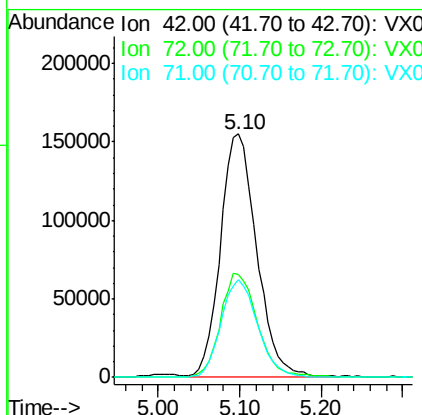
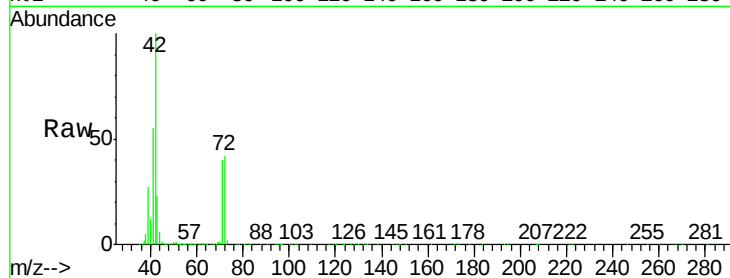
#29
Tetrahydrofuran
Concen: 222.169 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ion	Ratio	Lower	Upper
42	100			
72	44.2	34.3	51.5	
71	40.5	32.1	48.1	

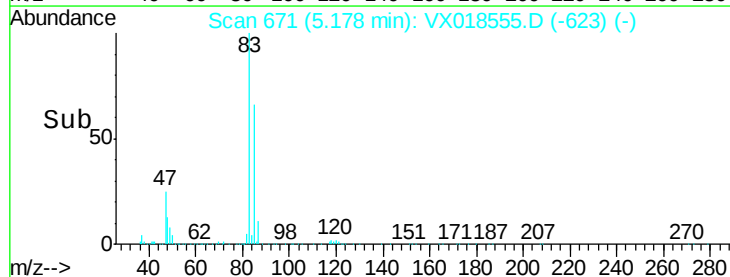
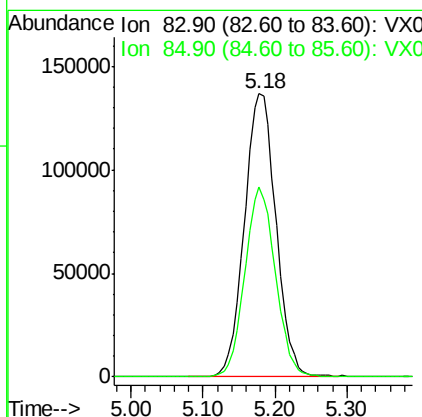
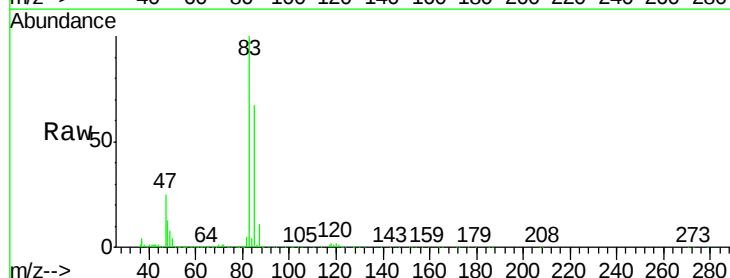
Manual Integrations
APPROVED

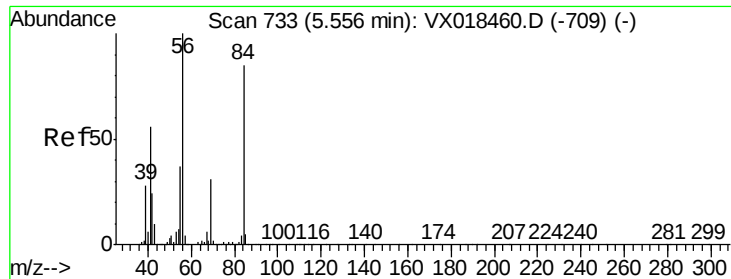
MMDadoda
9/24/2020 1:39:37 PM



#30
Chloroform
Concen: 50.028 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	66.9	50.6	76.0	





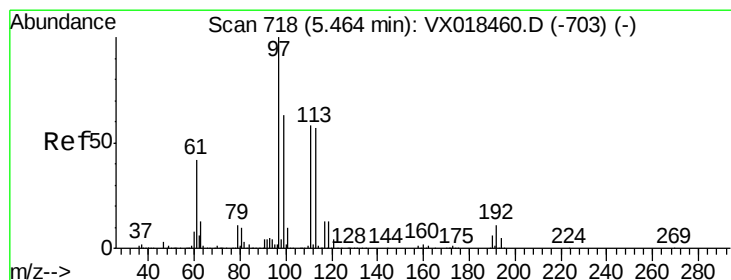
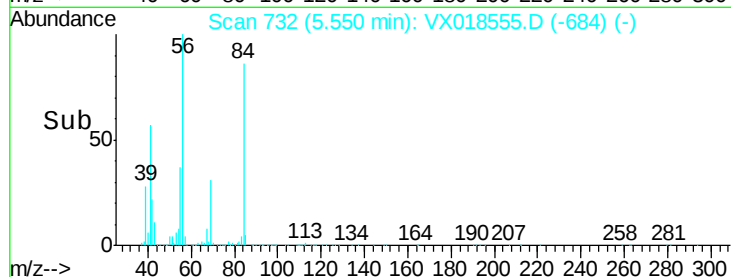
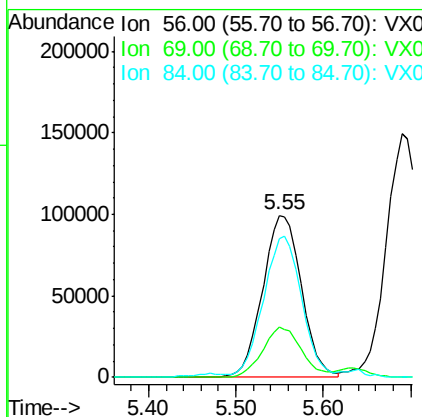
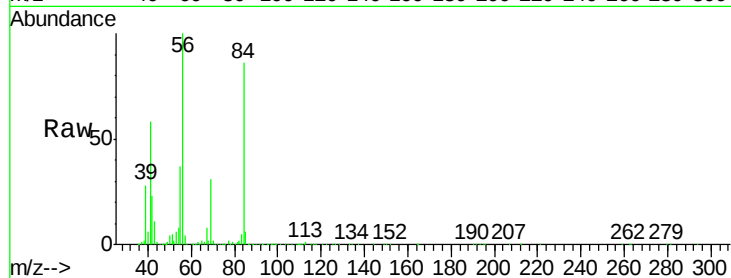
#31
Cyclohexane
Concen: 44.318 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.8	37.2
84	84.4	67.6	101.4

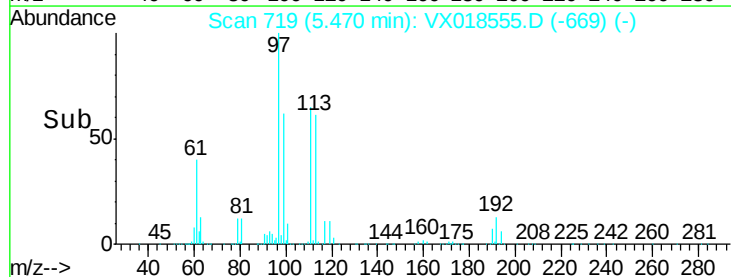
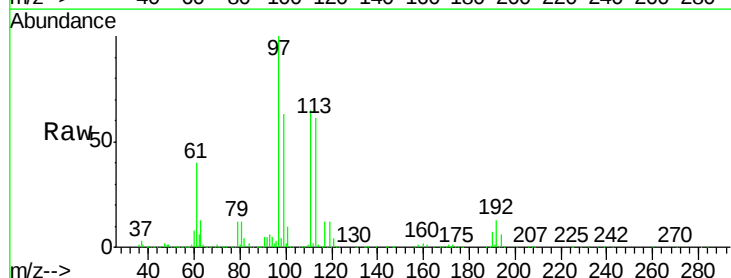
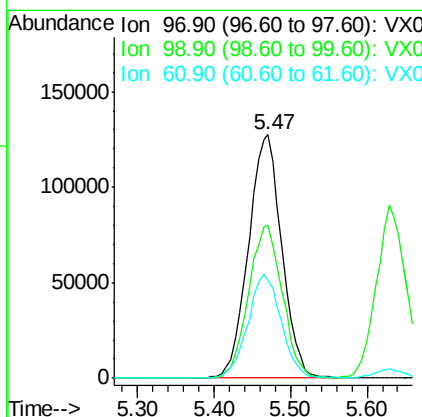
Manual Integrations
APPROVED

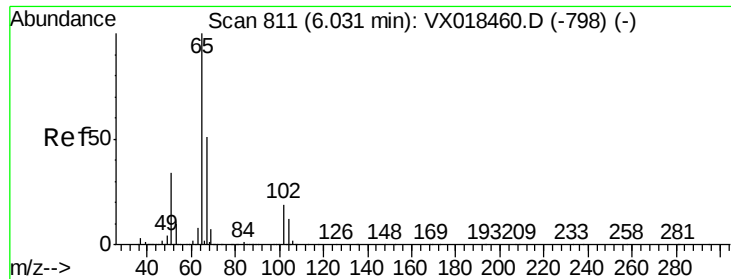
MMDadoda
9/24/2020 1:39:37 PM



#32
1,1,1-Trichloroethane
Concen: 49.538 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.9	50.5	75.7
61	42.5	33.4	50.2





#33

1,2-Dichloroethane-d4

Concen: 51.610 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 65 Resp: 294109

Ion Ratio Lower Upper

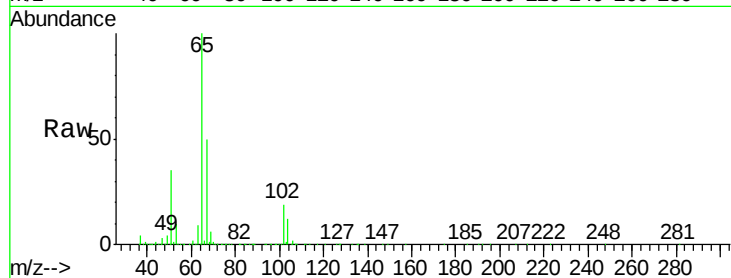
65 100

67 50.8 0.0 105.6

Manual Integrations
APPROVED

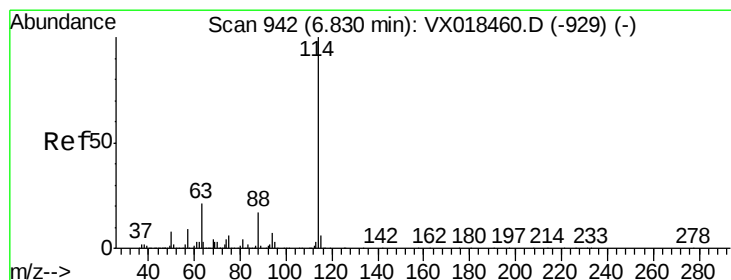
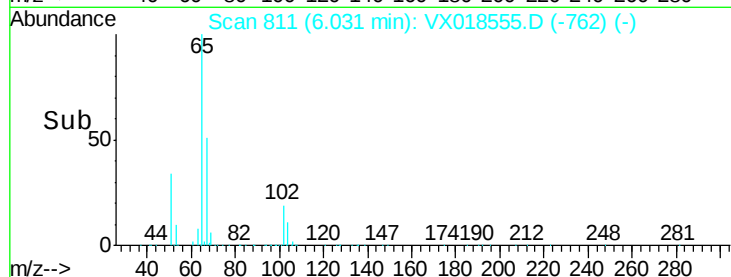
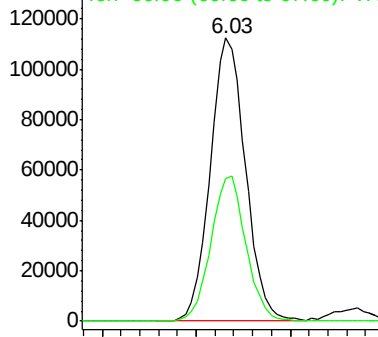
MMDadoda

9/24/2020 1:39:37 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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

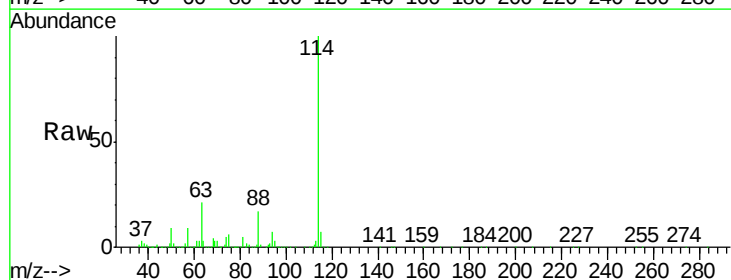
Tgt Ion: 114 Resp: 624943

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

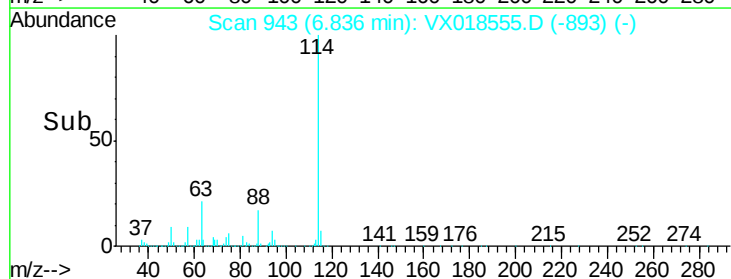
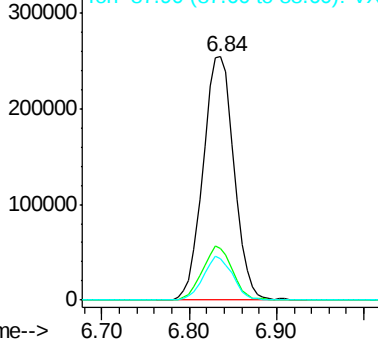
88 17.0 0.0 33.6

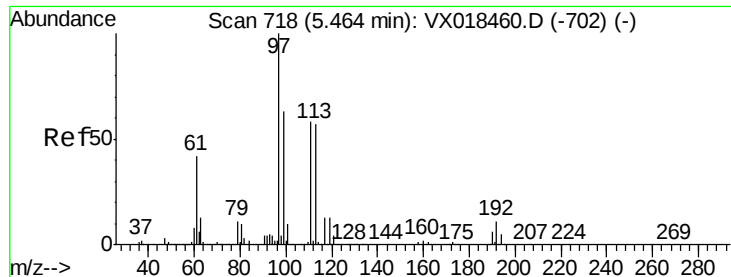


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





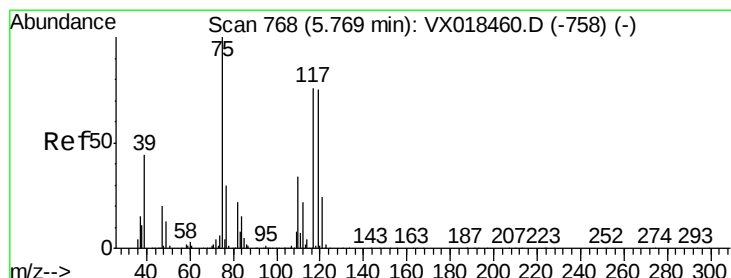
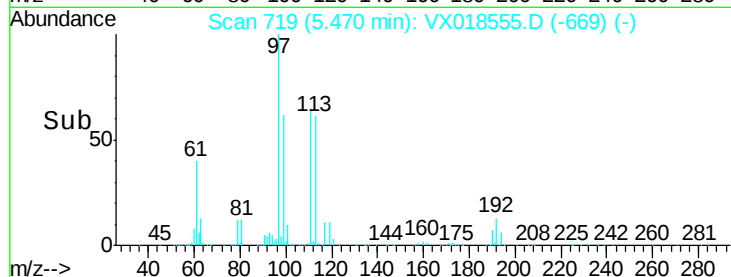
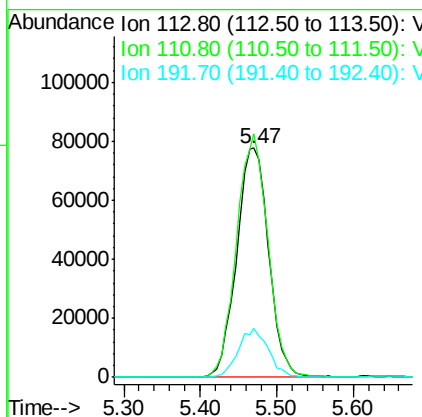
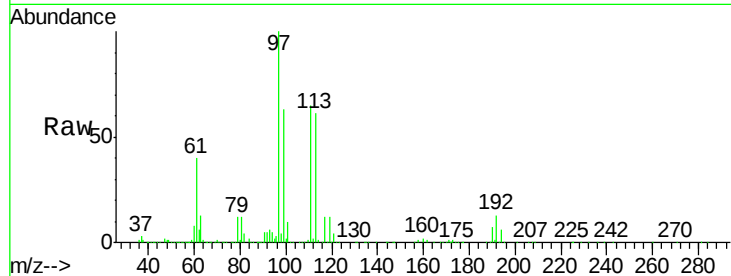
#35
 Dibromofluoromethane
 Concen: 52.319 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. 0.01 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	226034		
111	104.1	81.4	122.2	
192	20.2	16.6	24.8	

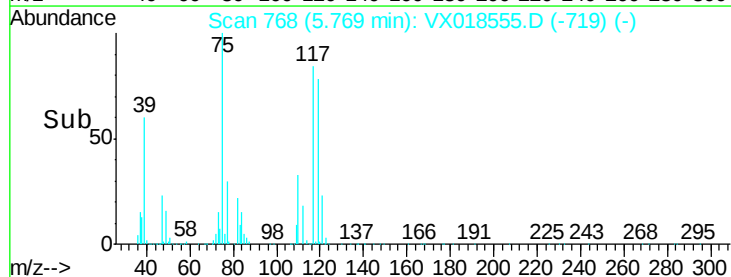
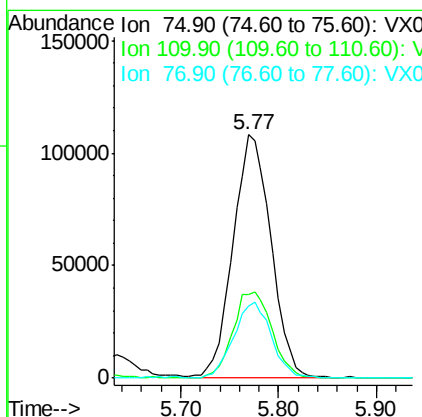
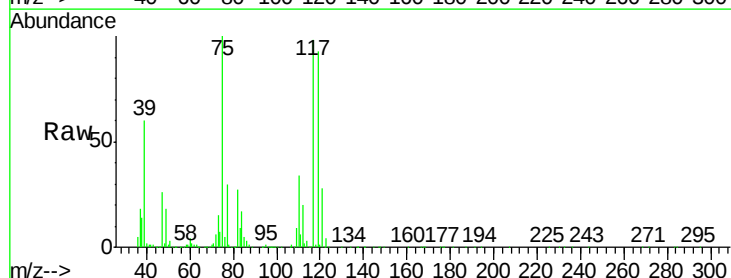
Manual Integrations
 APPROVED

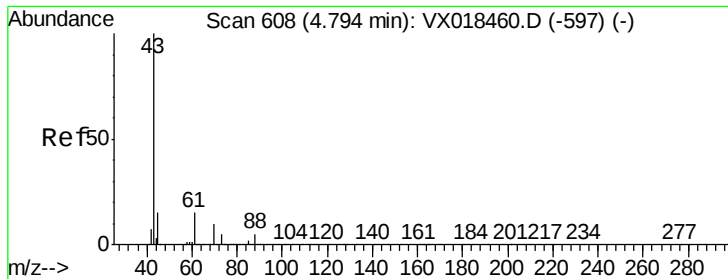
MMDadoda
 9/24/2020 1:39:37 PM



#36
 1,1-Dichloropropene
 Concen: 47.722 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	289470		
110	36.9	17.6	52.8	
77	30.8	25.0	37.6	





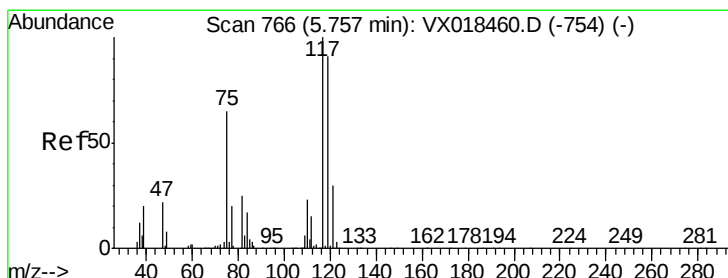
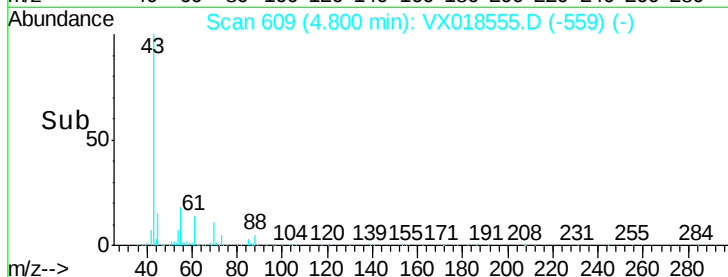
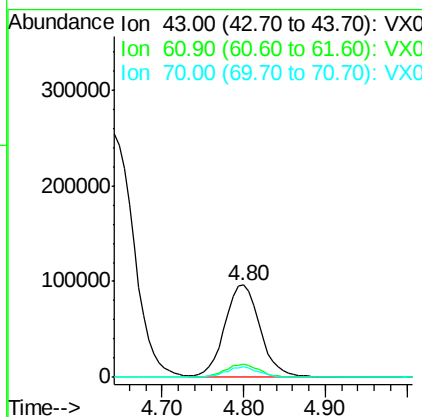
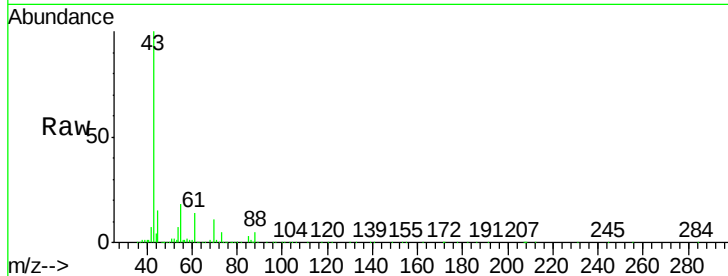
#37
Ethyl Acetate
Concen: 44.475 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	10.2	8.3	12.5

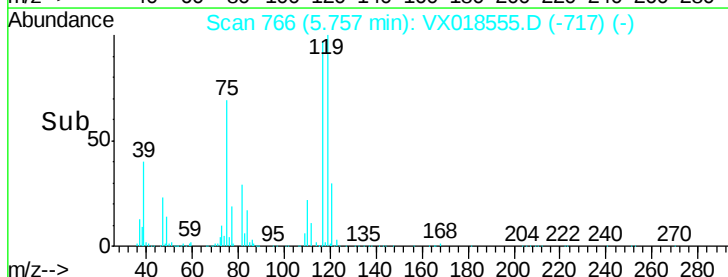
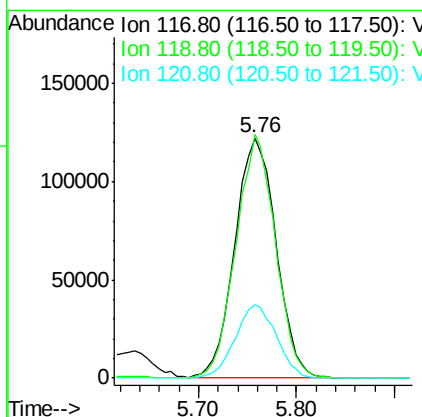
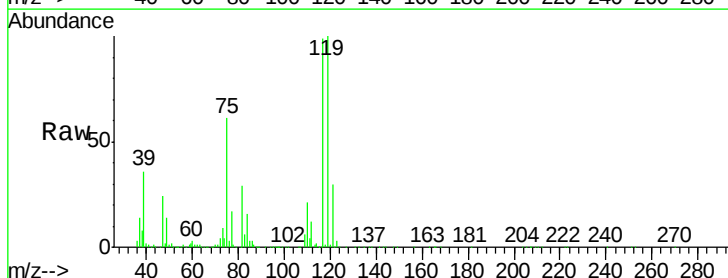
Manual Integrations
APPROVED

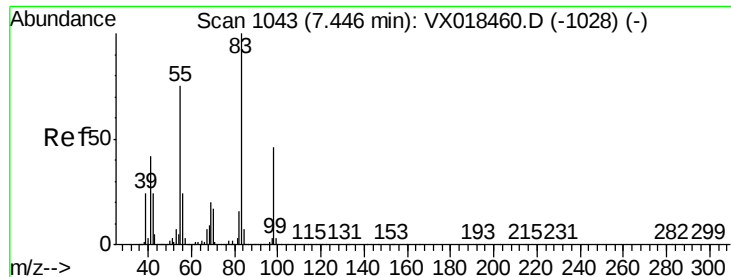
MMDadoda
9/24/2020 1:39:37 PM



#38
Carbon Tetrachloride
Concen: 53.198 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.2	72.3	108.5
121	30.6	23.8	35.8





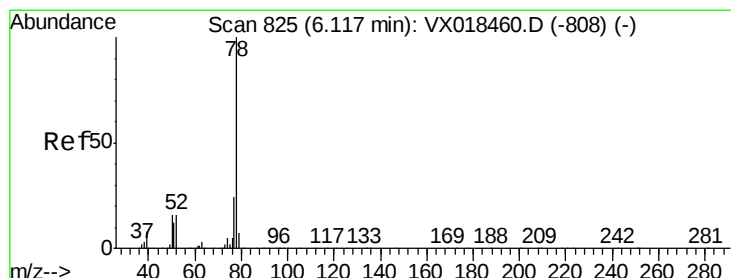
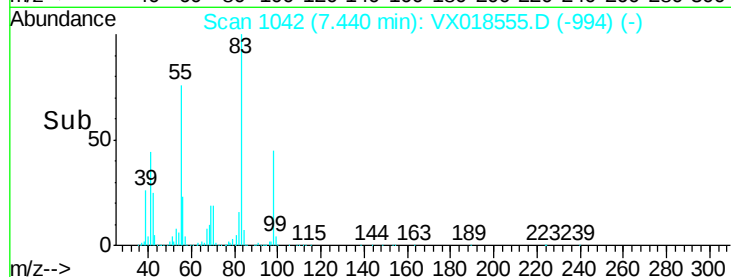
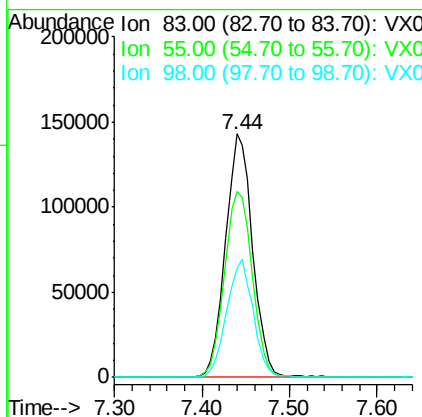
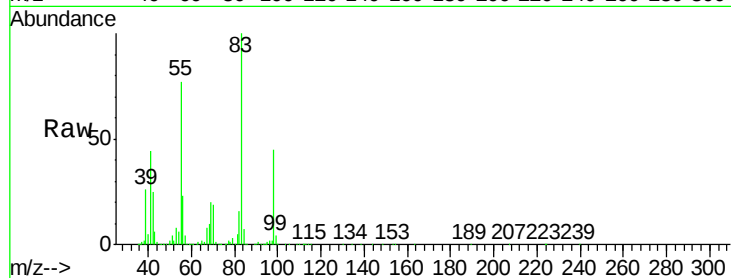
#39
Methvlcvclohexane
Concen: 45.119 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Resp	Lower	Upper
83	100	307470		
55	76.4	60.2	90.4	
98	44.6	36.4	54.6	

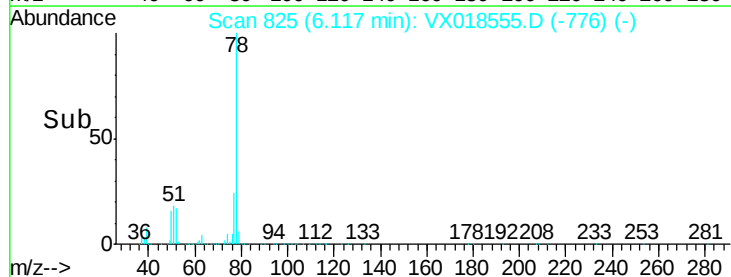
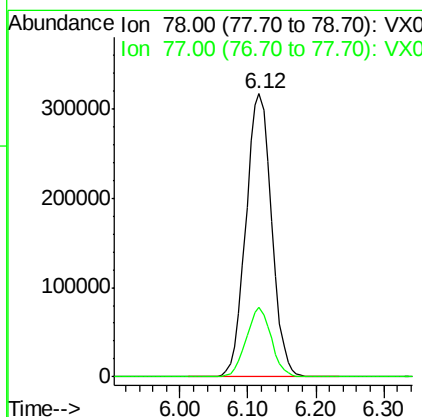
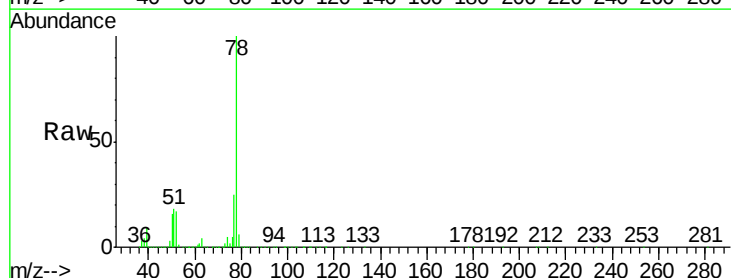
Manual Integrations
APPROVED

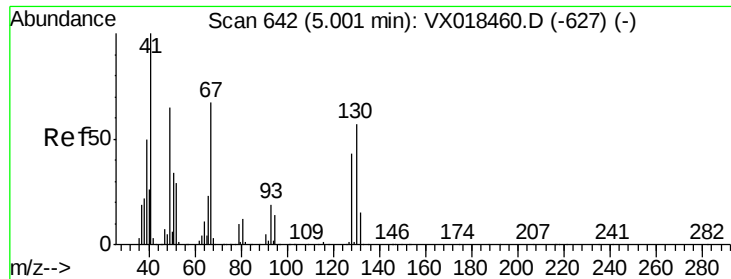
MMDadoda
9/24/2020 1:39:37 PM



#40
Benzene
Concen: 47.967 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	833825		
77	24.6	19.0	28.4	





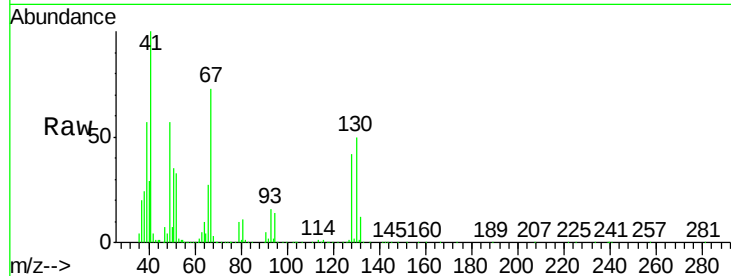
#41
Methacrylonitrile
Concen: 46.232 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

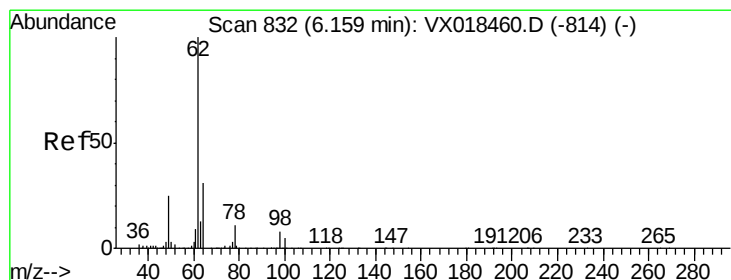
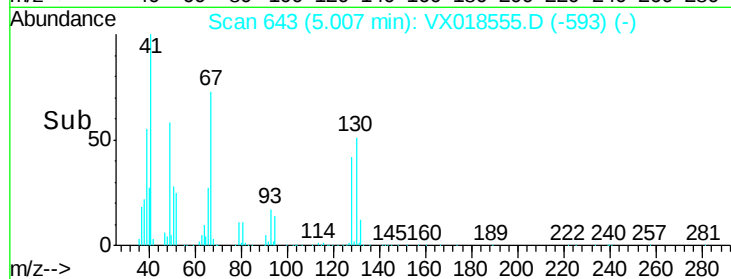
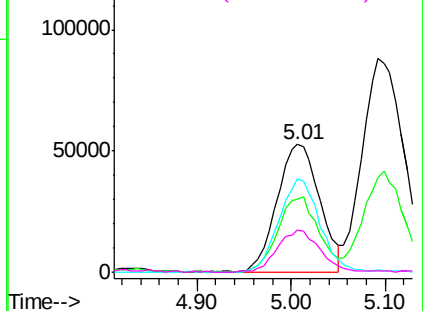
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		166398		
39	55.5	45.3	67.9		
67	69.1	56.7	85.1		
52	31.5	23.4	35.0		

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM

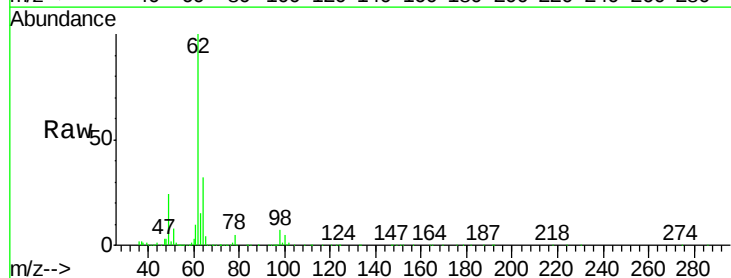


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

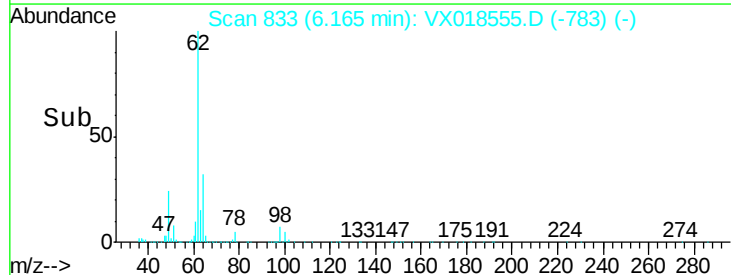
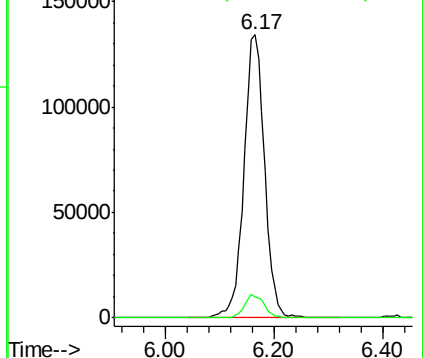


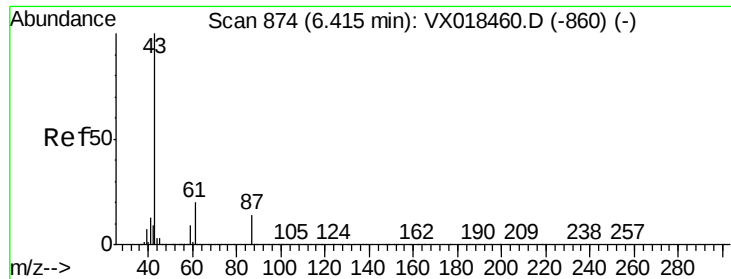
#42
1,2-Dichloroethane
Concen: 52.066 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		352110		
98	7.9	0.0	16.6		



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

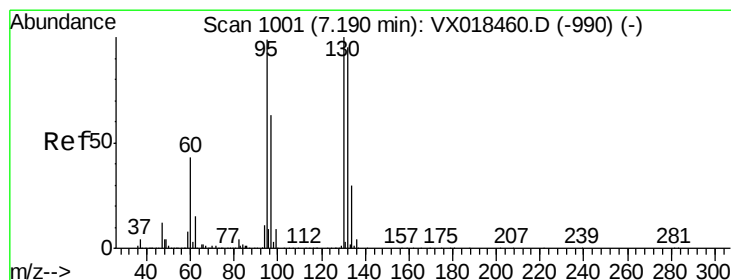
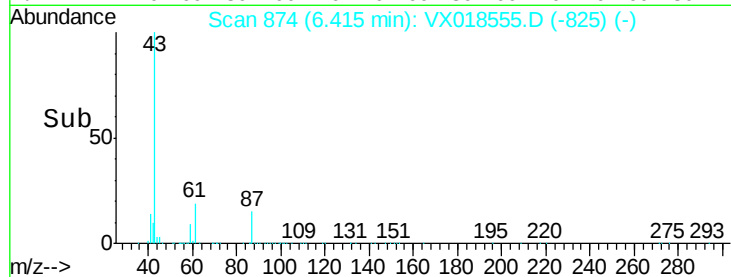
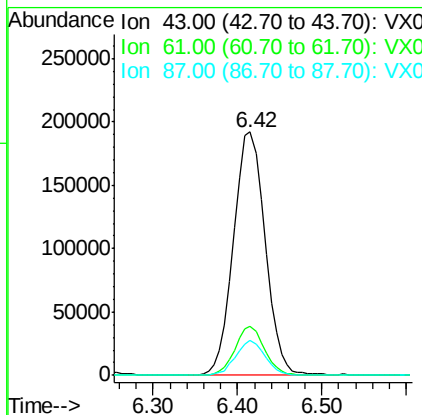
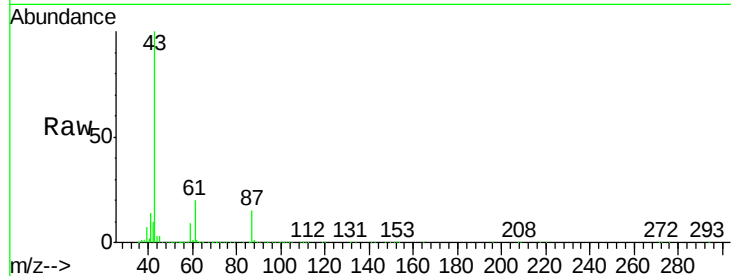
Isopropyl Acetate
 Concen: 45.371 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	15.7	23.5
87	13.4	10.4	15.6

Manual Integrations
 APPROVED

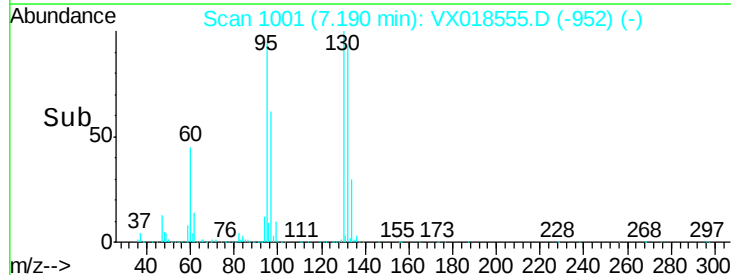
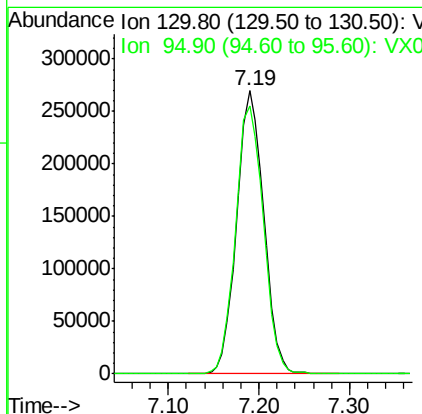
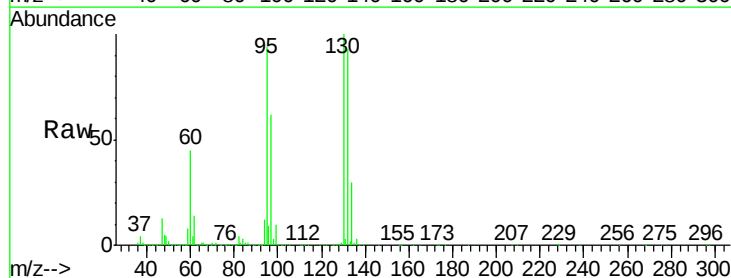
MMDadoda
 9/24/2020 1:39:37 PM

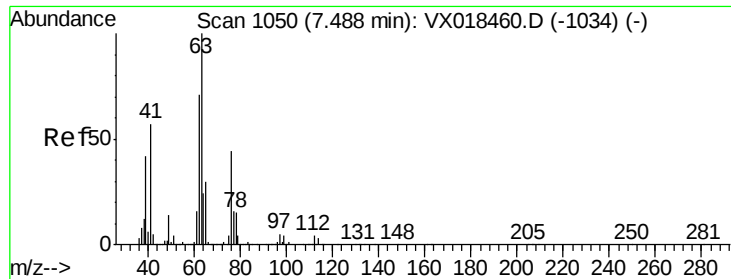


#44

Trichloroethene
 Concen: 111.103 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	197.4





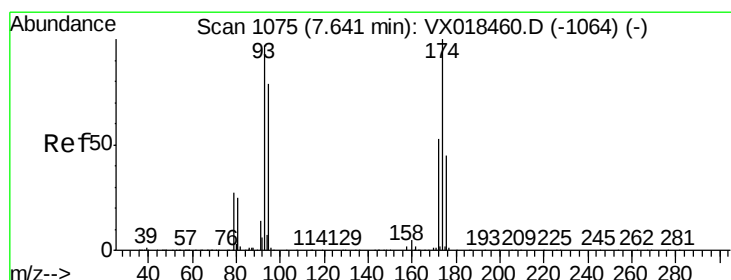
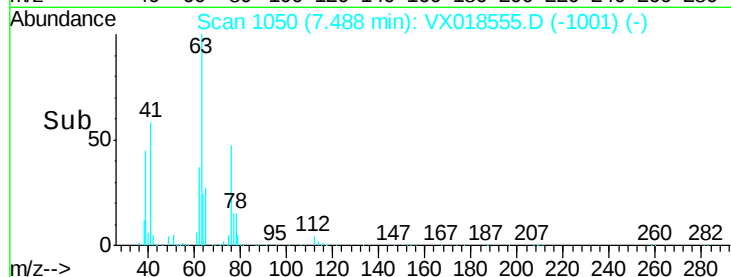
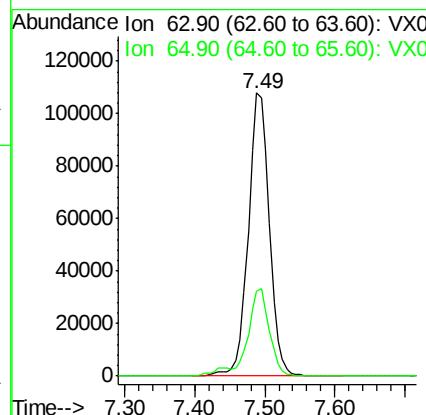
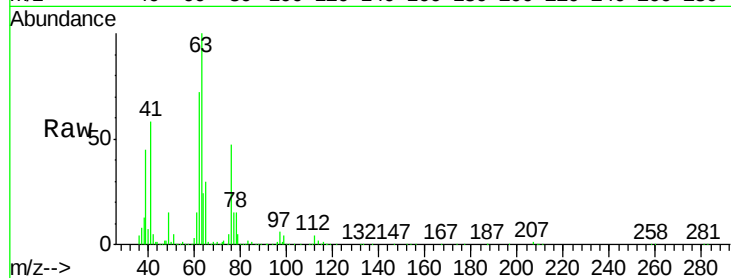
#45
 1,2-Dichloropropane
 Concen: 47.225 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Resp	Lower	Upper
63	100	225323		
65	30.1		24.1	36.1

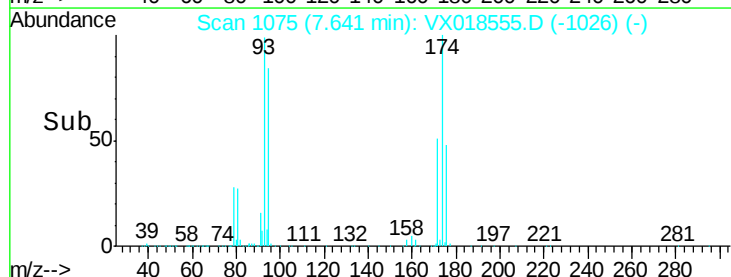
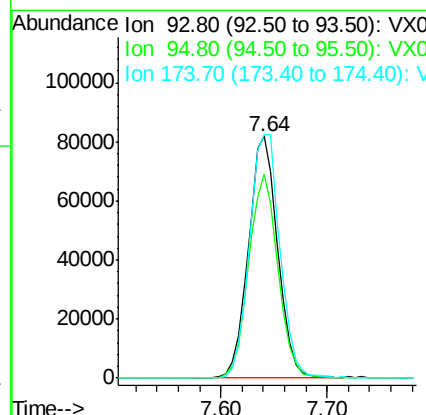
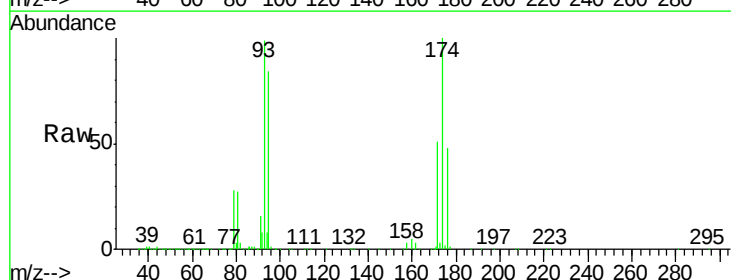
Manual Integrations
 APPROVED

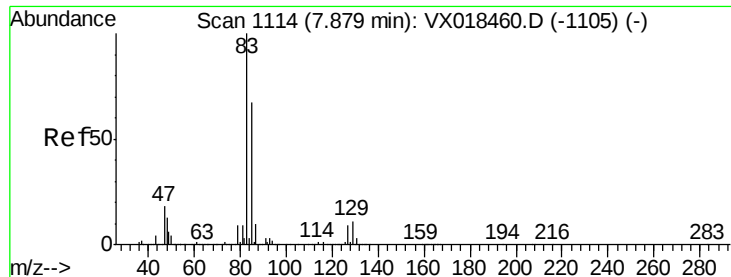
MMDadoda
 9/24/2020 1:39:37 PM



#46
 Dibromomethane
 Concen: 48.136 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	157792		
95	84.6		65.0	97.4
174	105.3		82.0	123.0





#47

Bromodichloromethane

Concen: 50.841 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

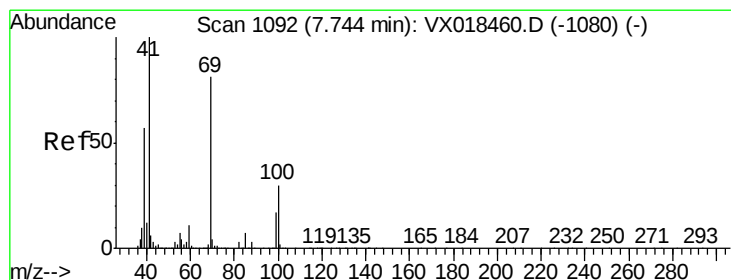
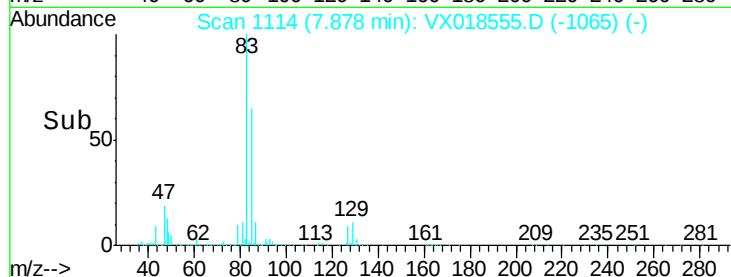
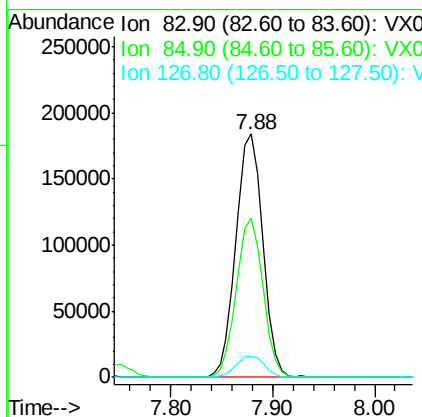
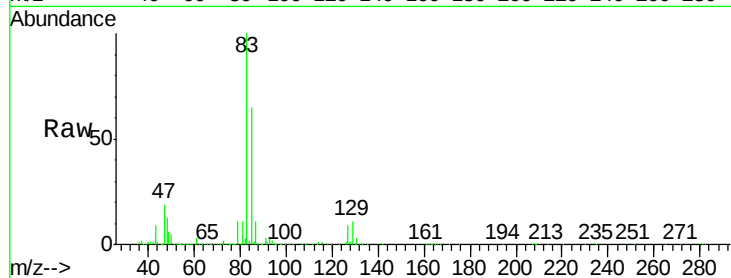
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	83	Resp:	335874
Ion Ratio	Lower	Upper	
83	100		
85	65.2	53.3	79.9
127	8.7	7.4	11.2

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#48

Methyl methacrylate

Concen: 46.566 ug/l

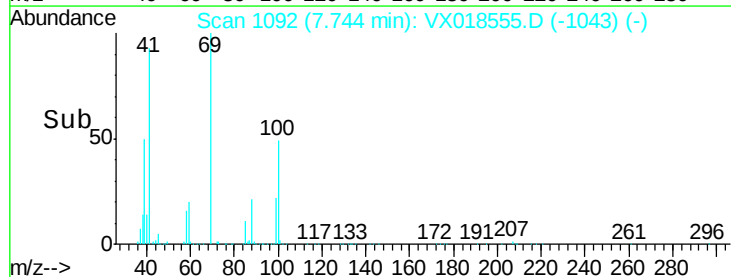
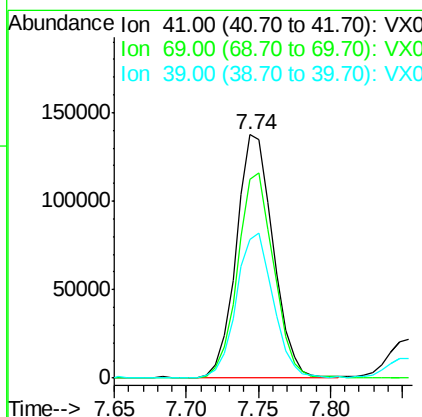
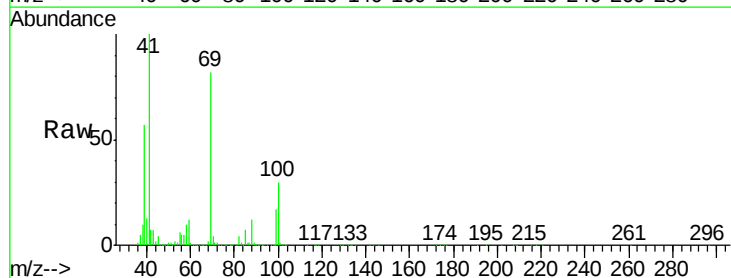
RT: 7.74 min Scan# 1092

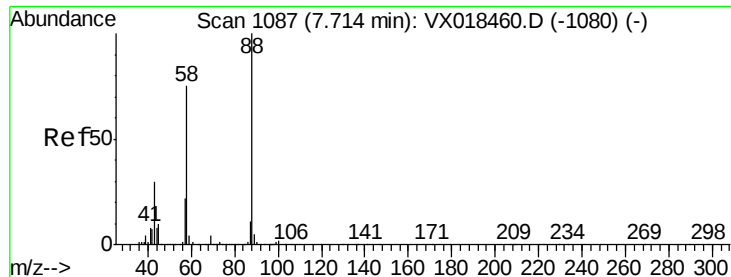
Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	41	Resp:	243622
Ion Ratio	Lower	Upper	
41	100		
69	82.7	63.7	95.5
39	60.1	45.0	67.4





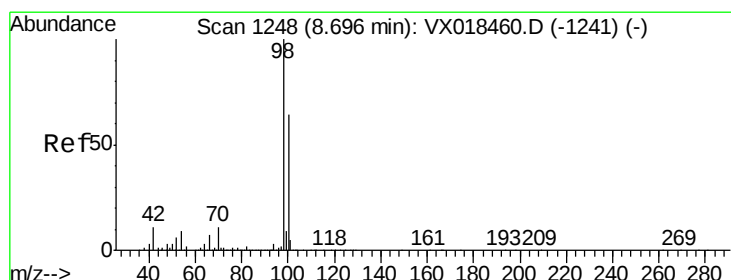
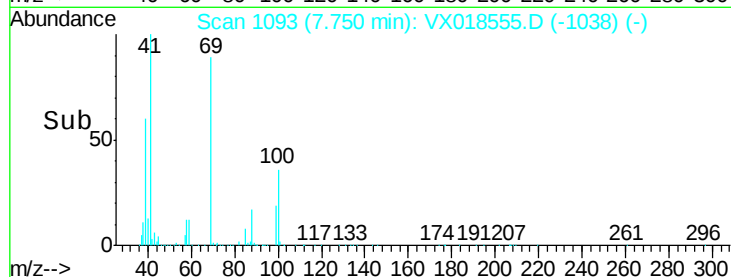
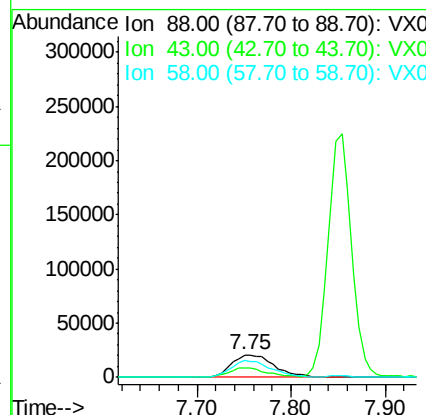
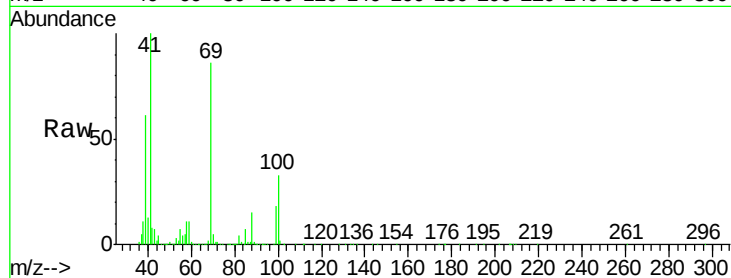
#49
1,4-Dioxane
Concen: 765.547 ug/l
RT: 7.75 min Scan# 1093
Delta R.T. 0.04 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	29.9	44.9
58	68.9	59.0	88.6

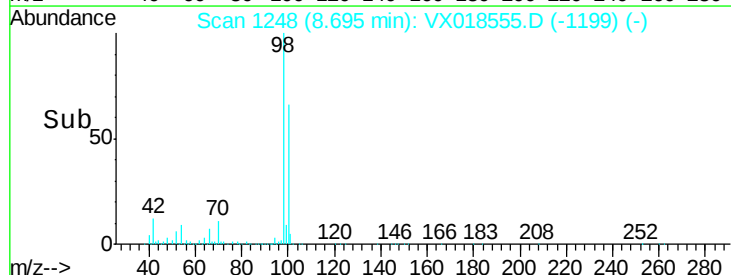
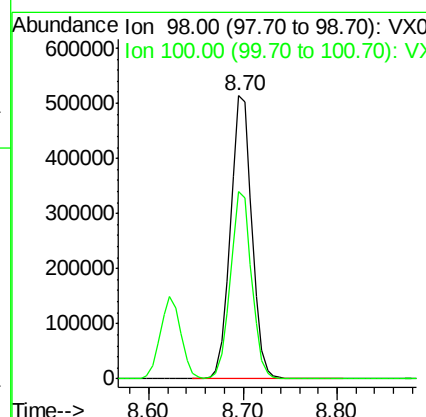
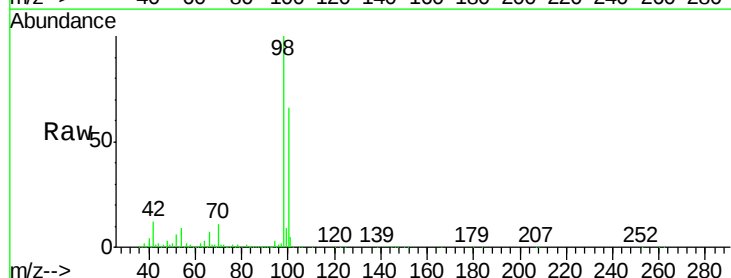
Manual Integrations
APPROVED

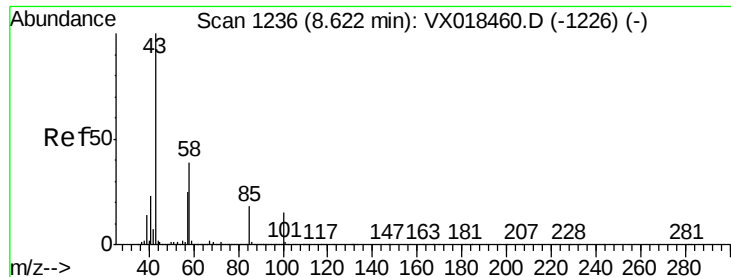
MMDadoda
9/24/2020 1:39:37 PM



#50
Toluene-d8
Concen: 51.382 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 235.701 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 43 Resp: 1508470

Ion Ratio Lower Upper

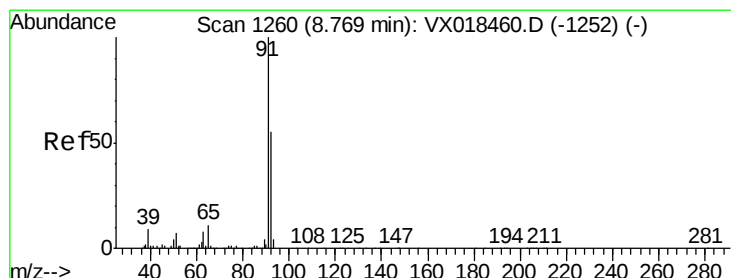
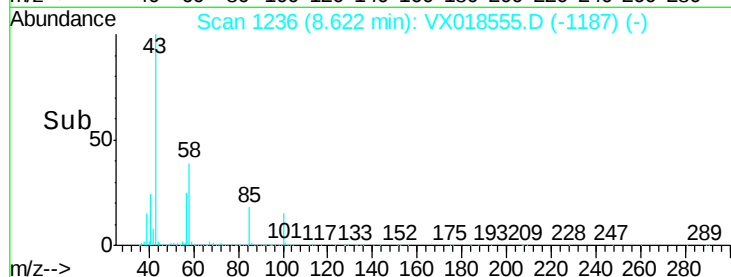
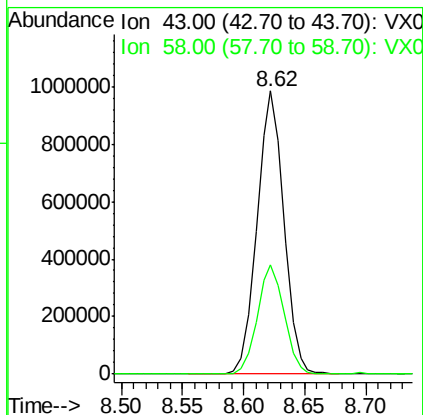
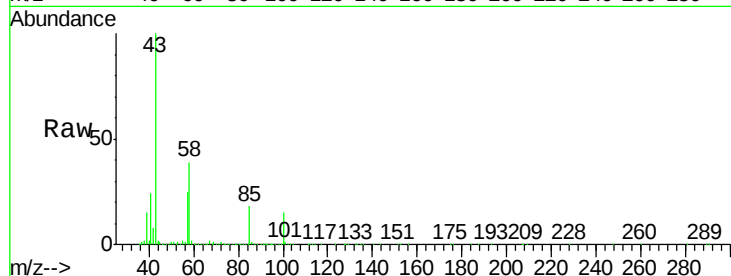
43 100

58 38.6 30.9 46.3

Manual Integrations
APPROVED

MMDadoda

9/24/2020 1:39:37 PM



#52

Toluene

Concen: 49.720 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018555.D

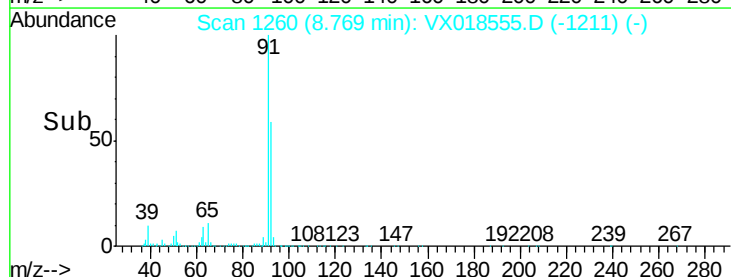
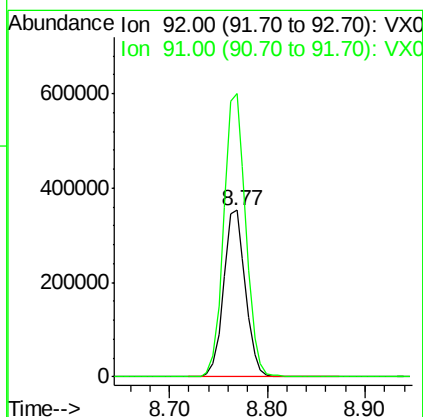
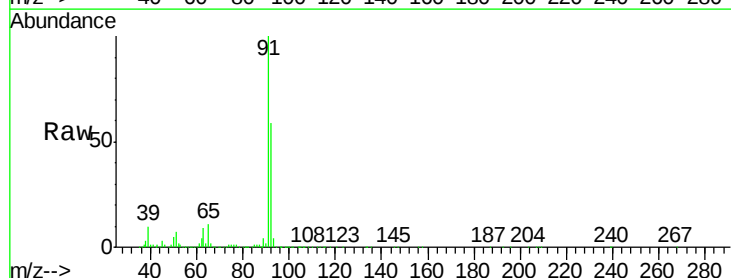
Acq: 23 Sep 2020 23:14

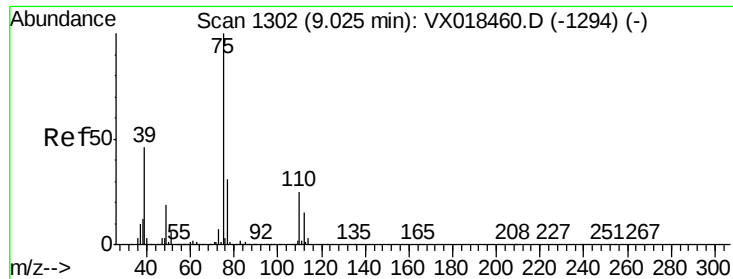
Tgt Ion: 92 Resp: 543887

Ion Ratio Lower Upper

92 100

91 171.4 140.6 210.8





#53

t-1,3-Dichloropropene

Concen: 48.138 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 75 Resp: 361358

Ion Ratio Lower Upper

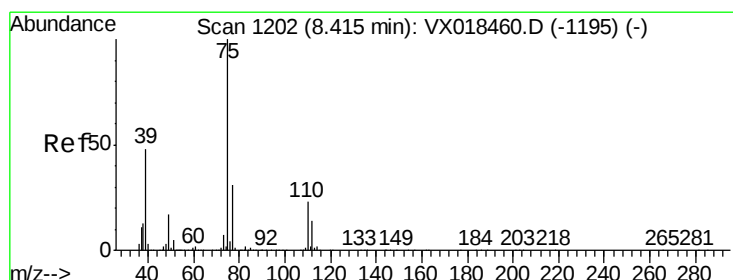
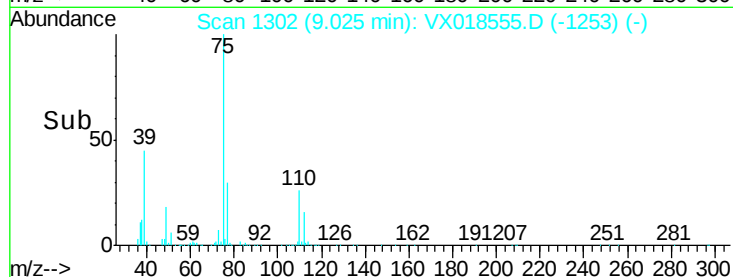
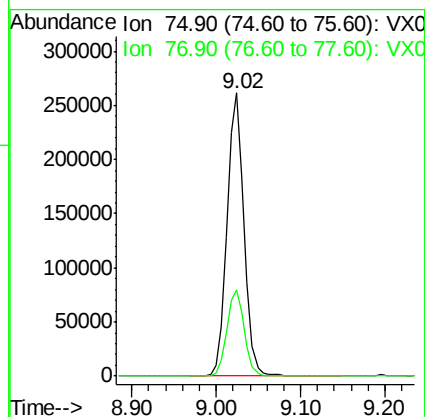
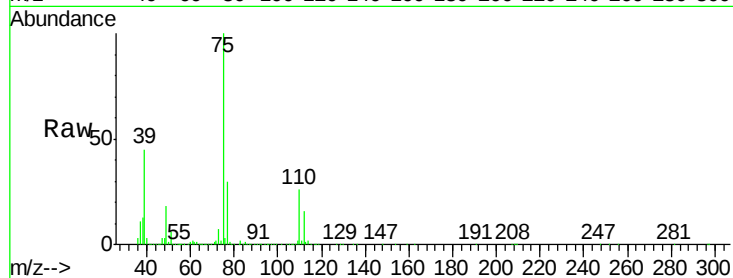
75 100

77 30.2 25.1 37.7

Manual Integrations
APPROVED

MMDadoda

9/24/2020 1:39:37 PM



#54

cis-1,3-Dichloropropene

Concen: 47.654 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

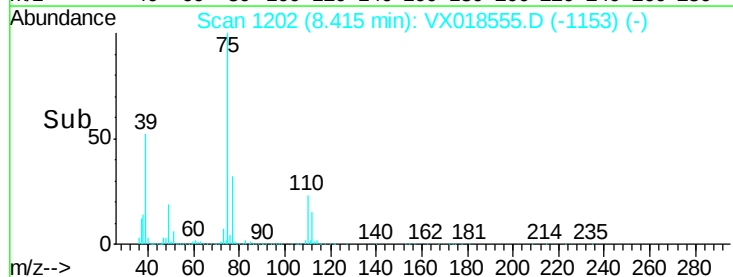
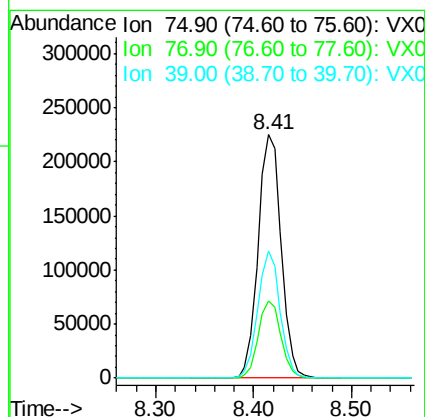
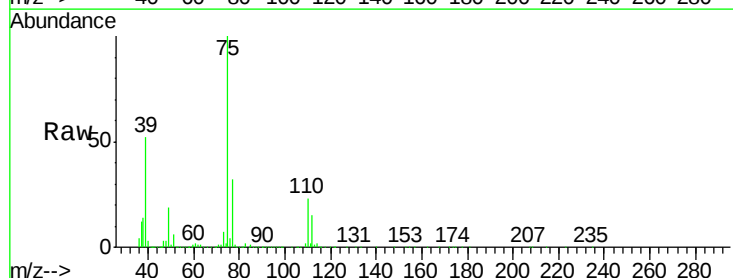
Tgt Ion: 75 Resp: 368530

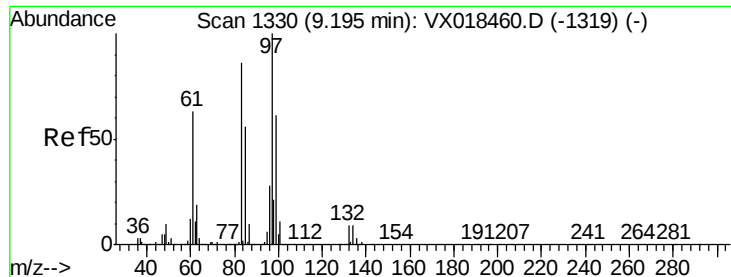
Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 51.8 38.6 58.0





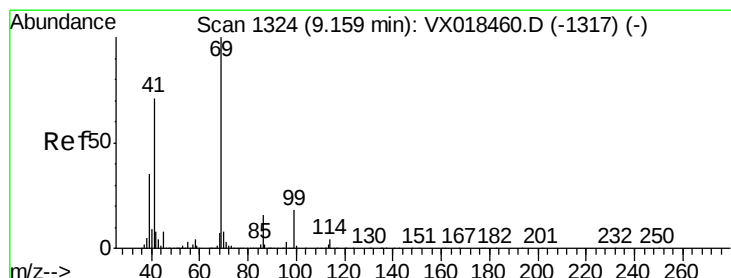
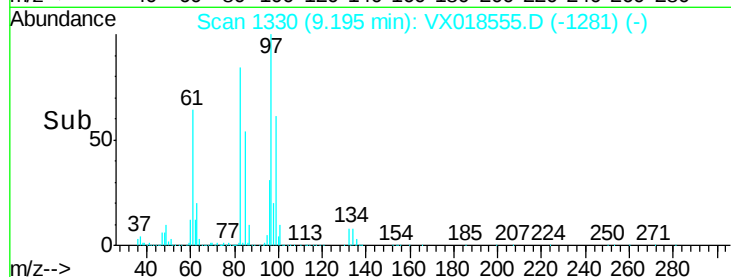
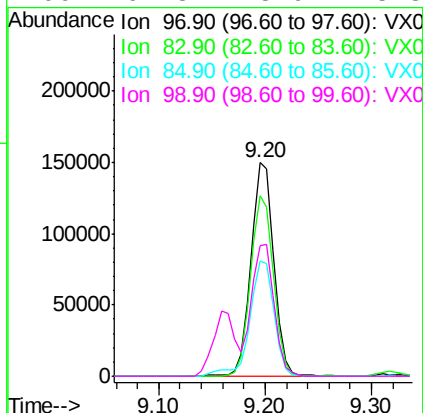
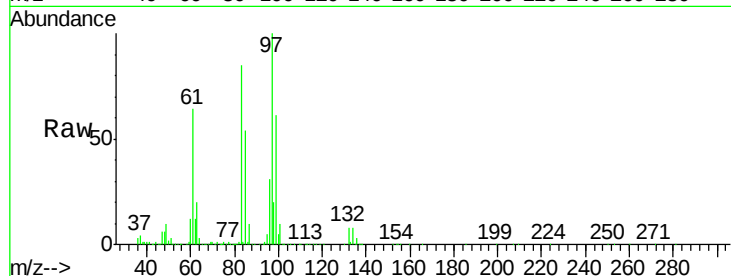
#55
 1,1,2-Trichloroethane
 Concen: 49.797 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		226036		
83	84.4	68.5	102.7		
85	53.6	44.8	67.2		
99	61.3	48.9	73.3		

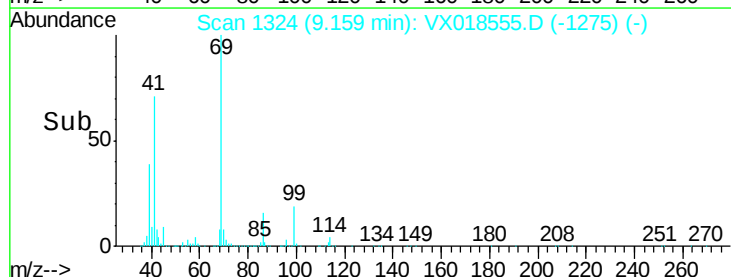
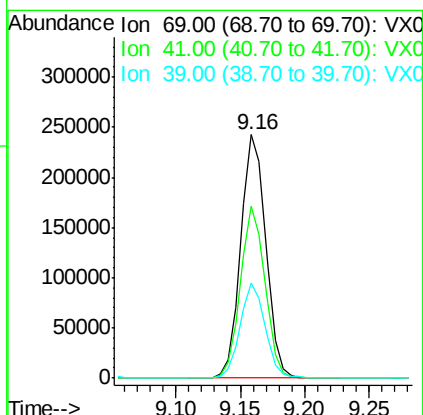
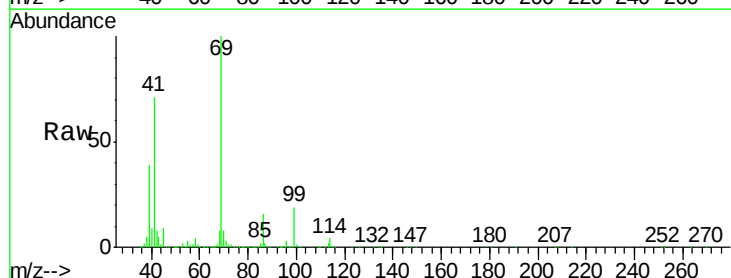
Manual Integrations
 APPROVED

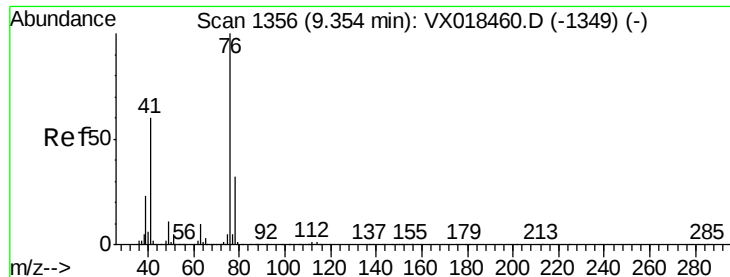
MMDadoda
 9/24/2020 1:39:37 PM



#56
 Ethyl methacrylate
 Concen: 48.538 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		326681		
41	69.1	54.6	81.8		
39	38.4	29.3	43.9		





#57

1,3-Dichloropropane

Concen: 48.592 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 76 Resp: 370577

Ion Ratio Lower Upper

76 100

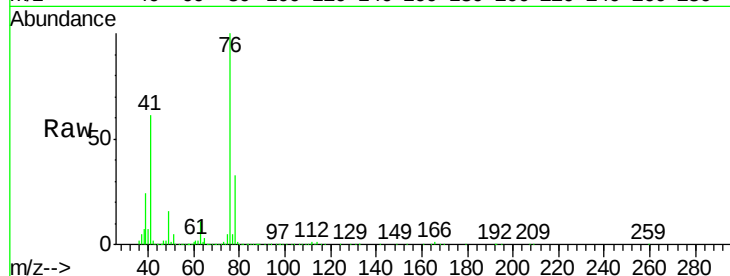
78 32.3 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

9/24/2020 1:39:37 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

250000

200000

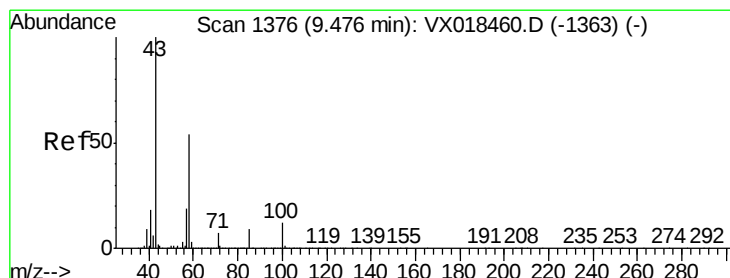
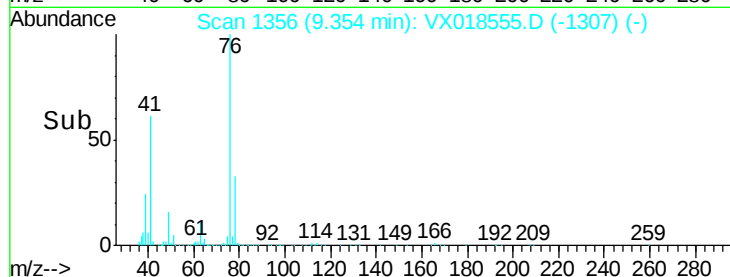
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 232.870 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018555.D

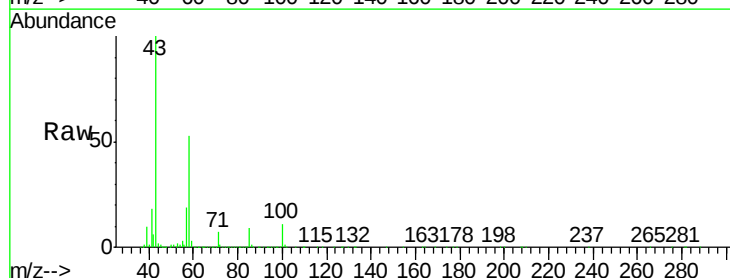
Acq: 23 Sep 2020 23:14

Tgt Ion: 43 Resp: 1133577

Ion Ratio Lower Upper

43 100

58 52.6 26.5 79.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

1000000

800000

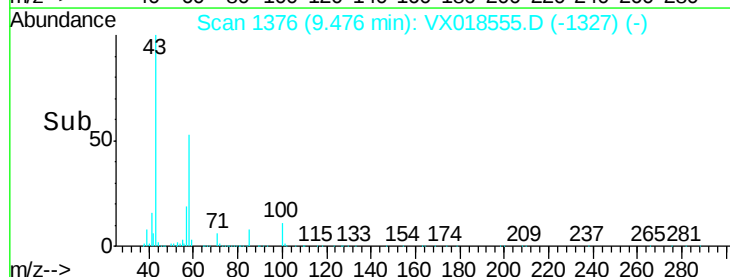
600000

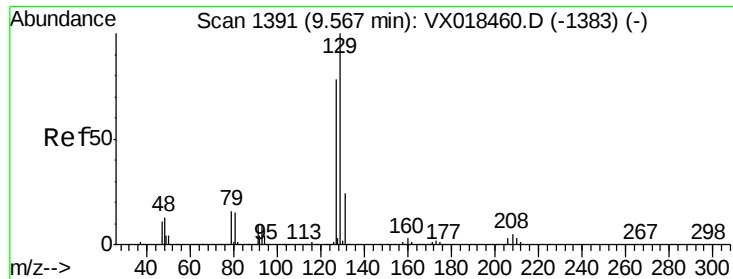
400000

200000

0

Time-->





#60

Dibromochloromethane

Concen: 50.944 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion:129 Resp: 275730

Ion Ratio Lower Upper

129 100

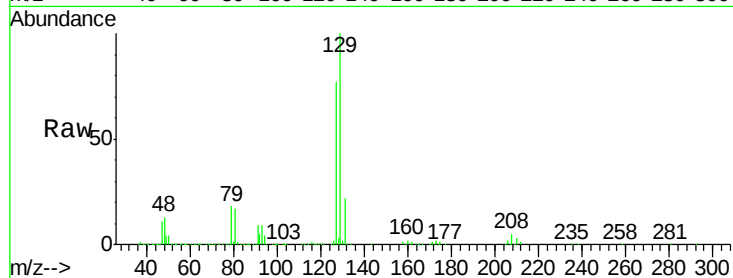
127 77.8 39.0 117.0

Manual Integrations

APPROVED

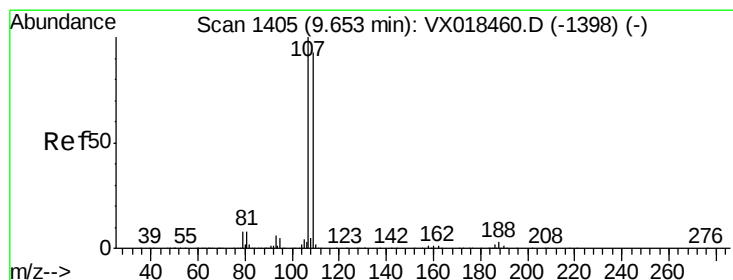
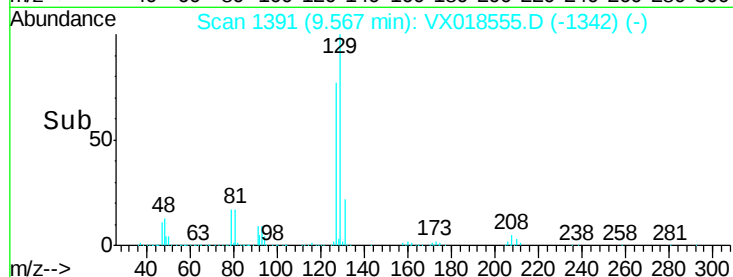
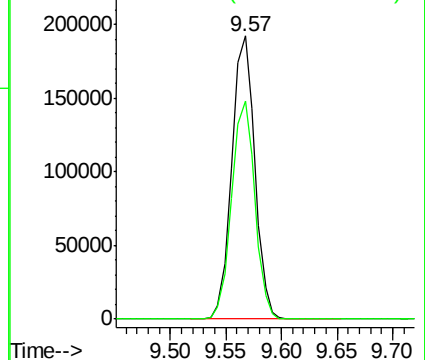
MMDadoda

9/24/2020 1:39:37 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 51.083 ug/l

RT: 9.66 min Scan# 1406

Delta R.T. 0.01 min

Lab File: VX018555.D

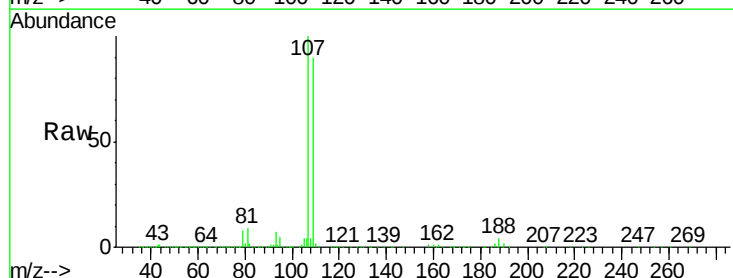
Acq: 23 Sep 2020 23:14

Tgt Ion:107 Resp: 246706

Ion Ratio Lower Upper

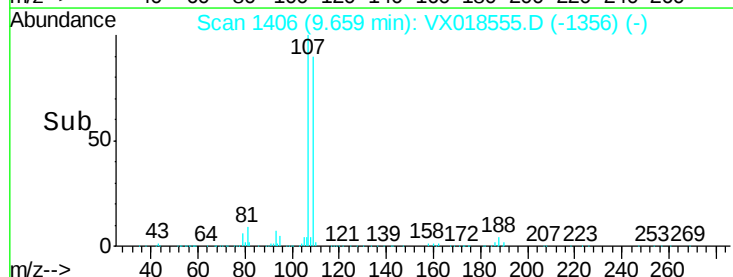
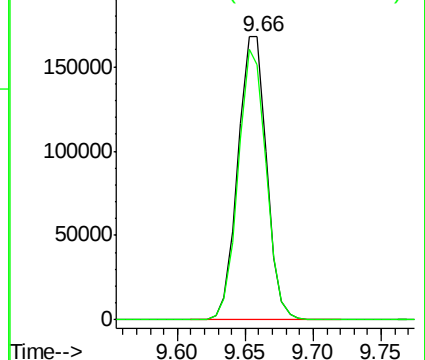
107 100

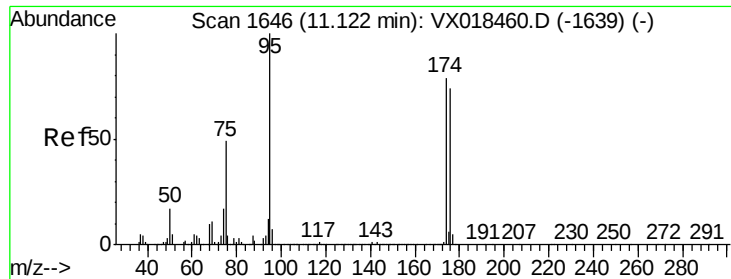
109 92.9 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.213 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

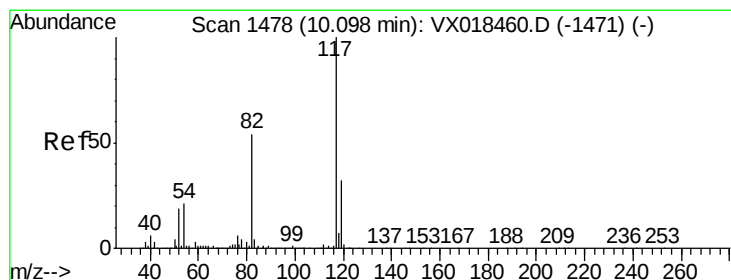
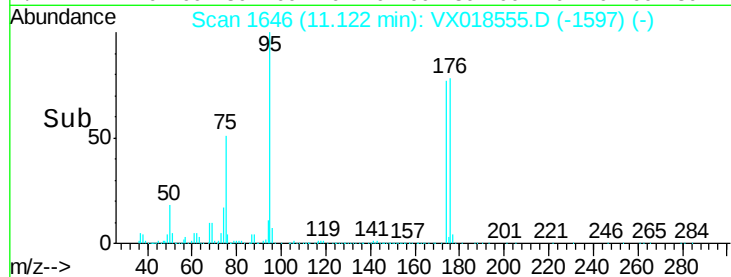
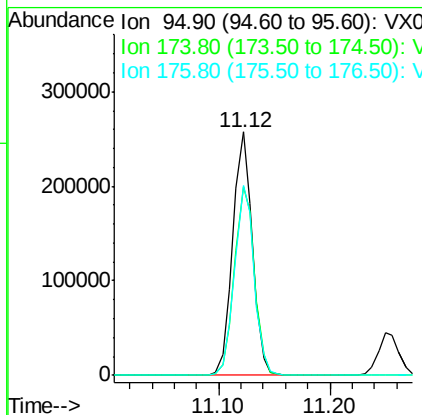
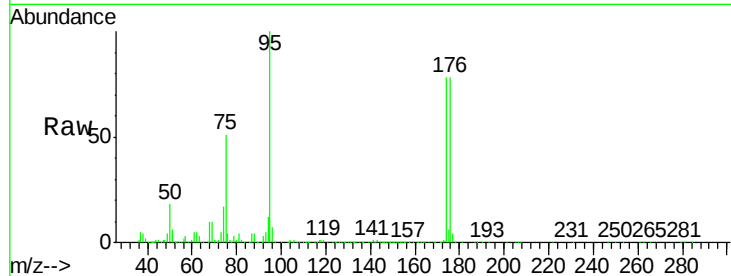
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	95	Resp:	313531
Ion Ratio	Lower	Upper	
95	100		
174	79.3	0.0	161.4
176	78.3	0.0	151.4

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

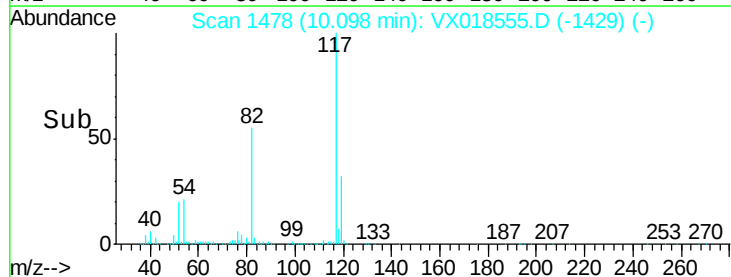
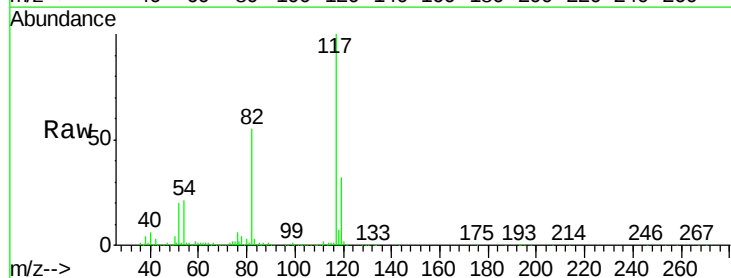
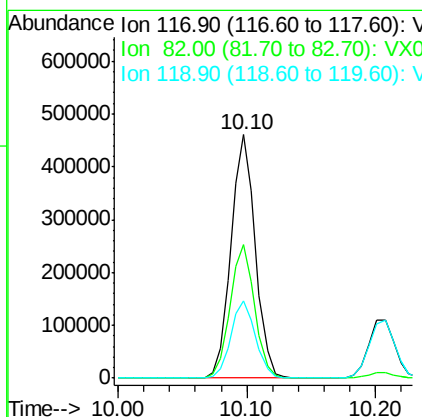
RT: 10.10 min Scan# 1478

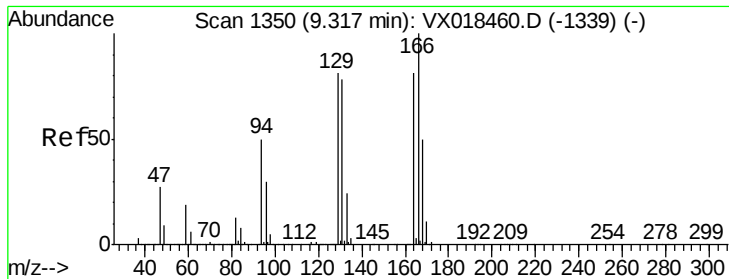
Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	117	Resp:	608927
Ion Ratio	Lower	Upper	
117	100		
82	54.8	43.3	64.9
119	31.8	25.9	38.9





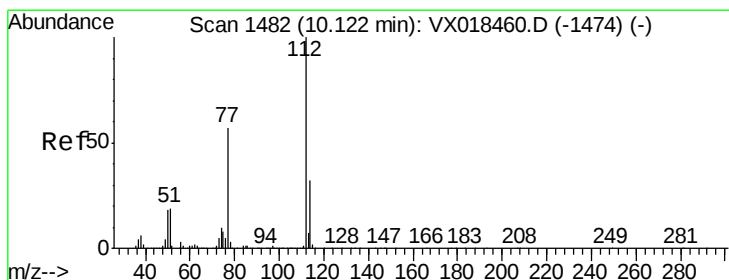
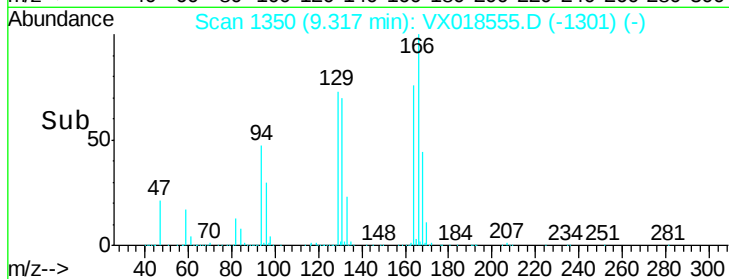
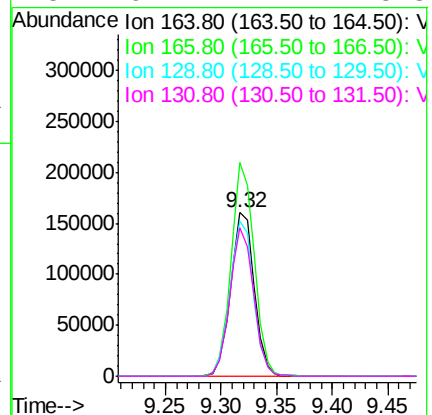
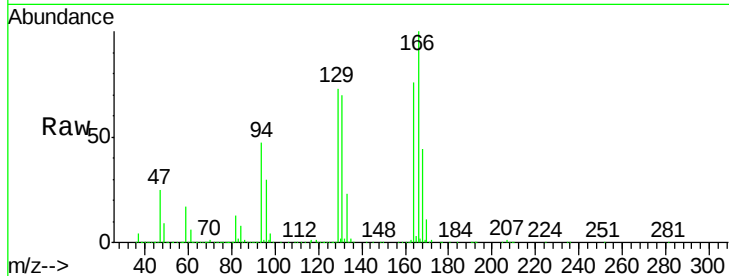
#64
Tetrachloroethene
Concen: 49.092 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.8	99.3	148.9
129	95.0	80.7	121.1
131	91.1	77.2	115.8

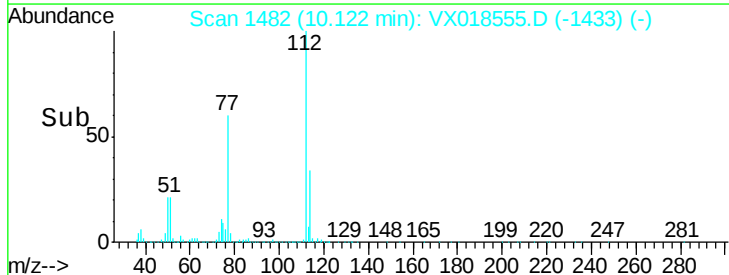
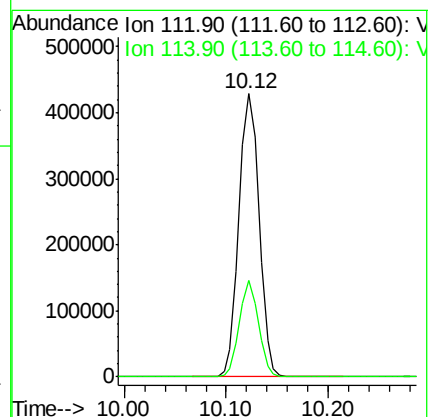
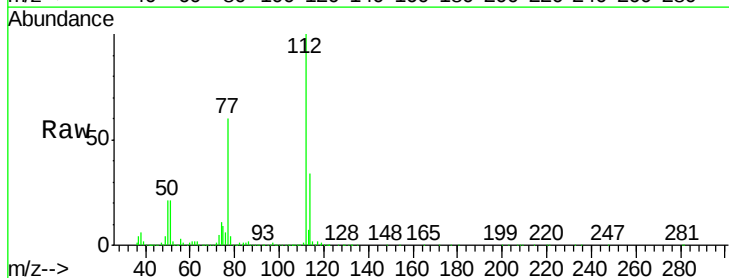
Manual Integrations
APPROVED

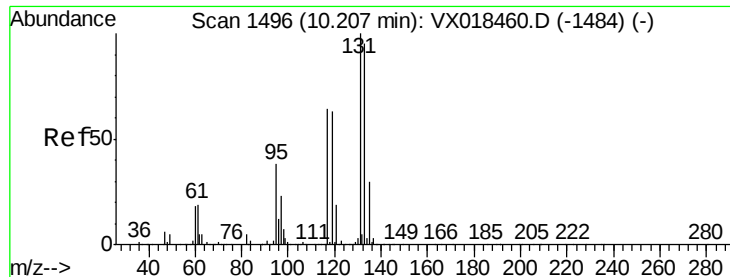
MMDadoda
9/24/2020 1:39:37 PM



#65
Chlorobenzene
Concen: 46.703 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
112	100		
114	34.2	25.4	38.0





#66

1,1,1,2-Tetrachloroethane

Concen: 48.117 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

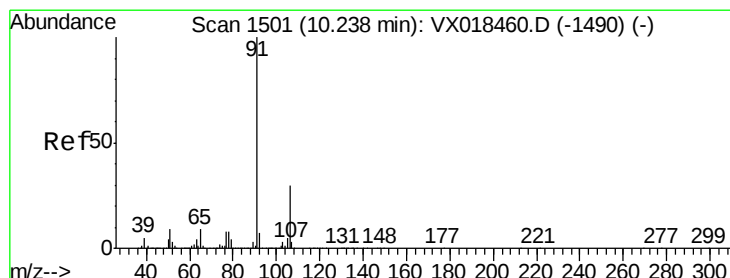
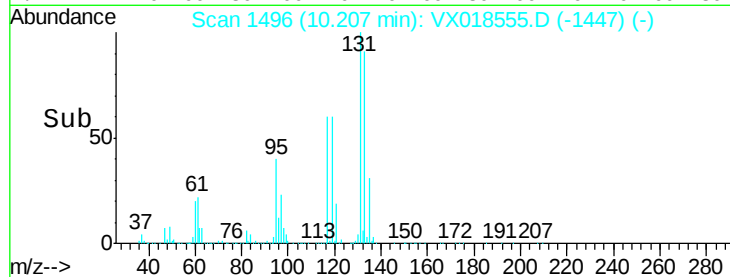
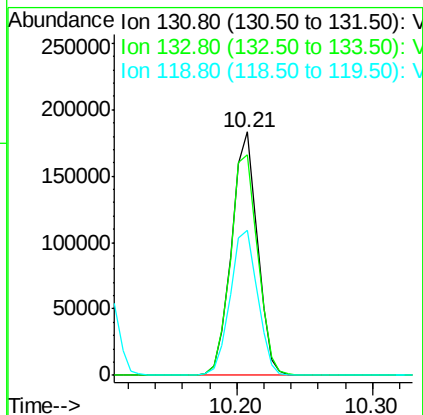
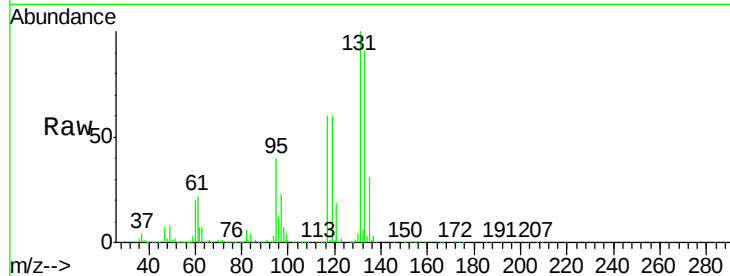
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	131	Resp:	242028
Ion Ratio		Lower	Upper
131	100		
133	95.9	47.8	143.4
119	62.9	31.9	95.7

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#67

Ethyl Benzene

Concen: 47.716 ug/l

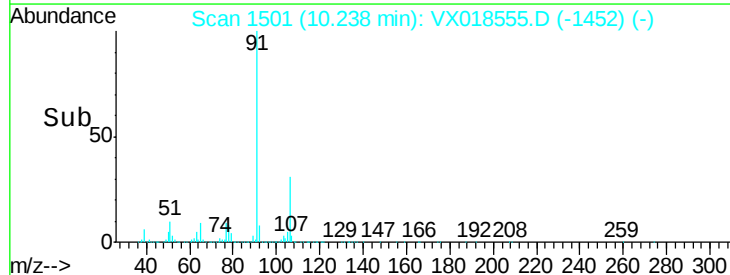
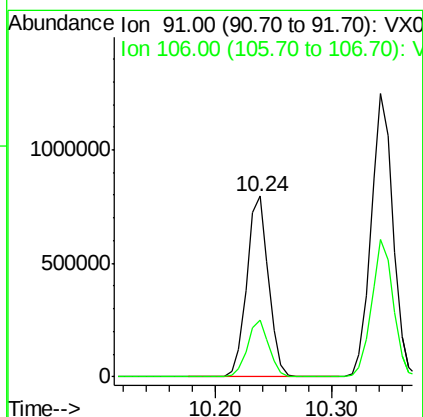
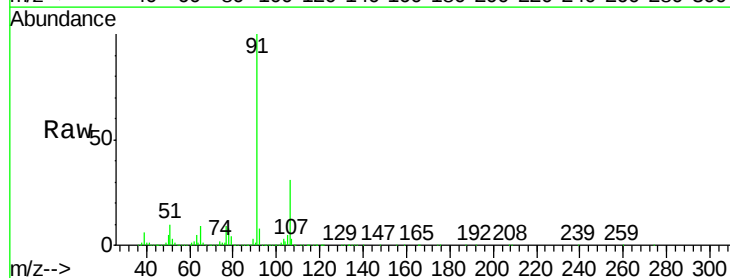
RT: 10.24 min Scan# 1501

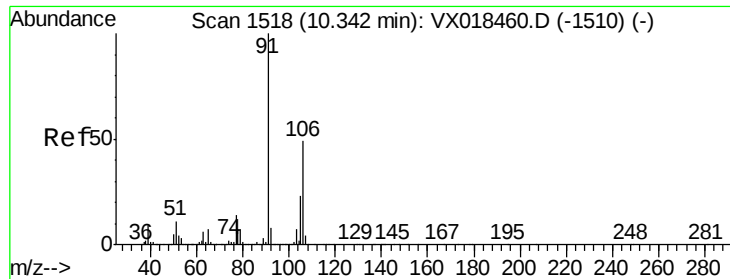
Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	91	Resp:	1035591
Ion Ratio		Lower	Upper
91	100		
106	31.4	24.1	36.1





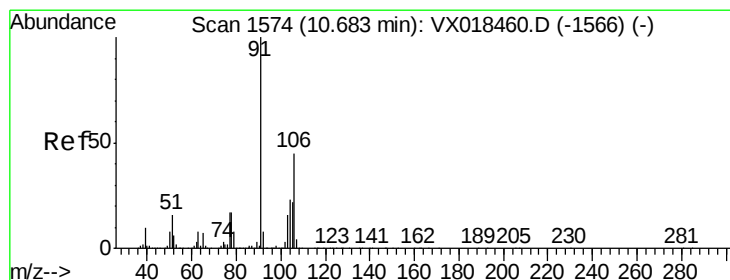
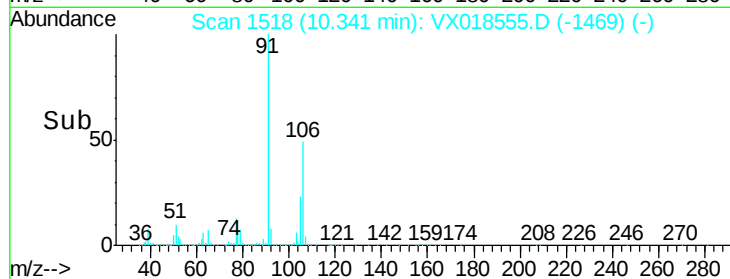
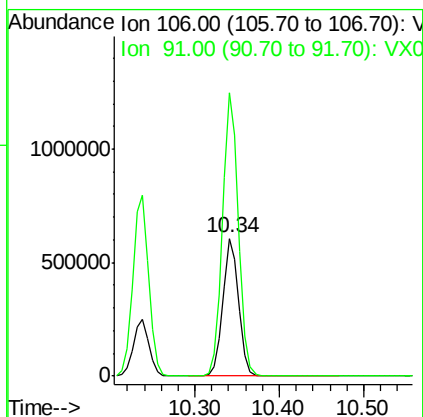
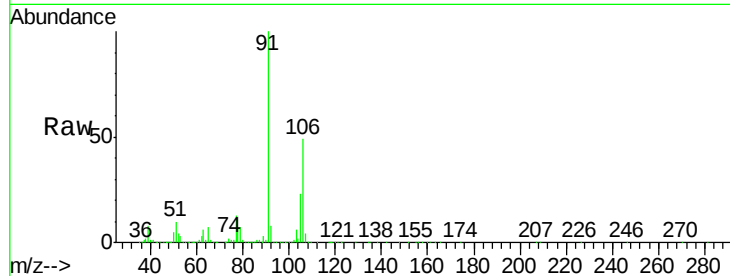
#68
m/p-Xylenes
Concen: 95.479 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		783872		
91	207.1	163.8	245.6		

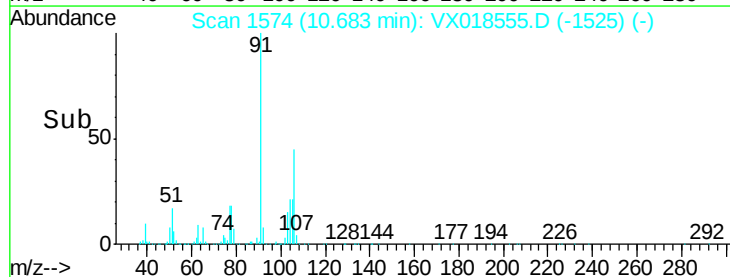
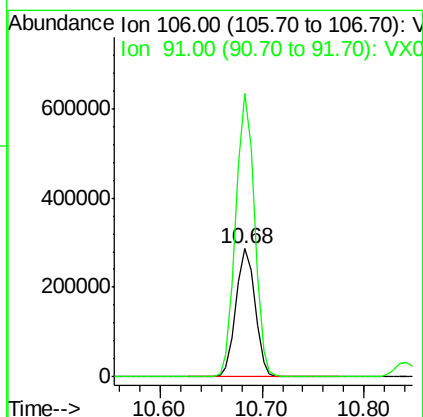
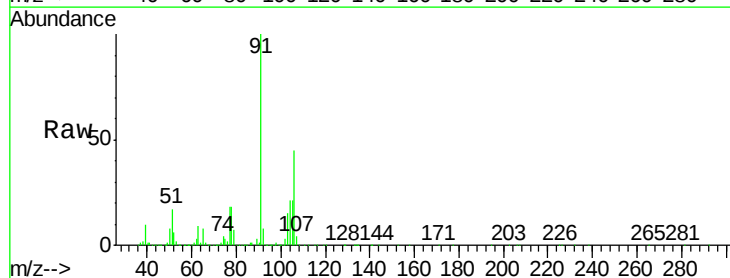
Manual Integrations
APPROVED

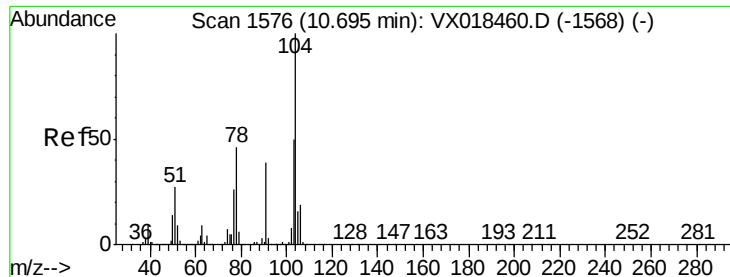
MMDadoda
9/24/2020 1:39:37 PM



#69
o-Xylene
Concen: 47.337 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		368011		
91	217.3	109.7	329.0		





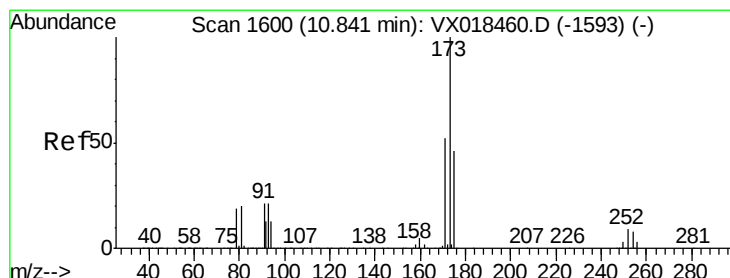
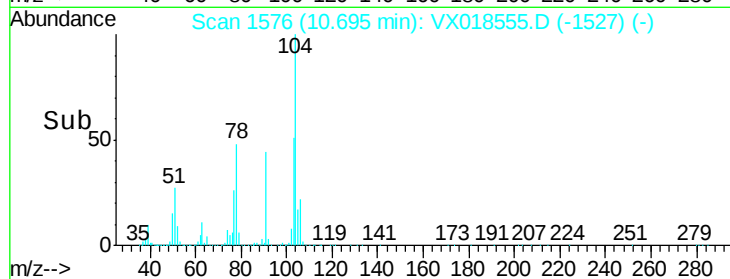
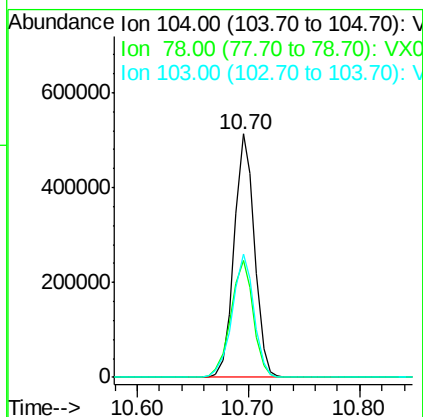
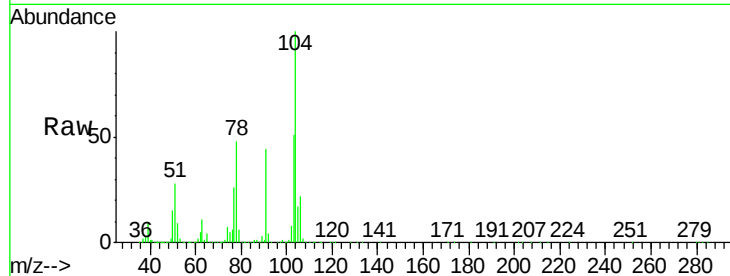
#70
Stvrene
Concen: 48.297 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	53.0	40.5	60.7
103	54.1	43.2	64.8

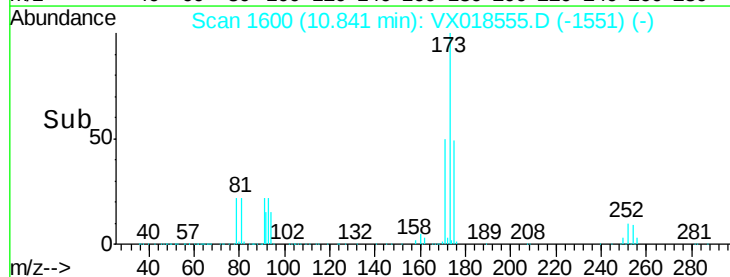
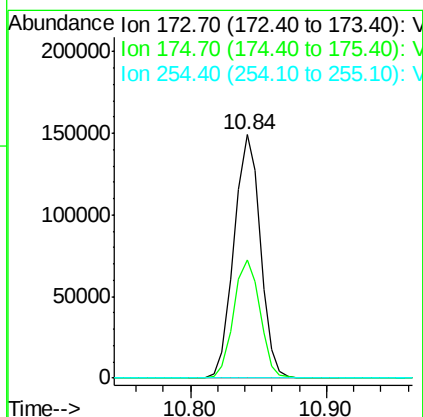
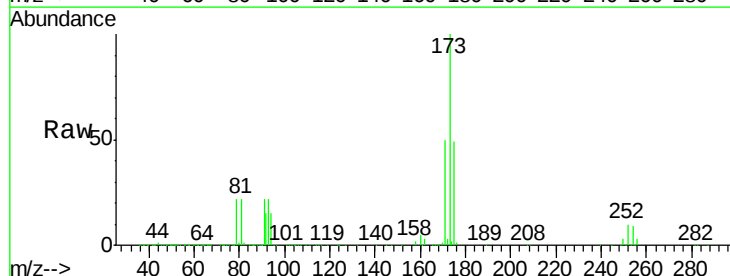
Manual Integrations
APPROVED

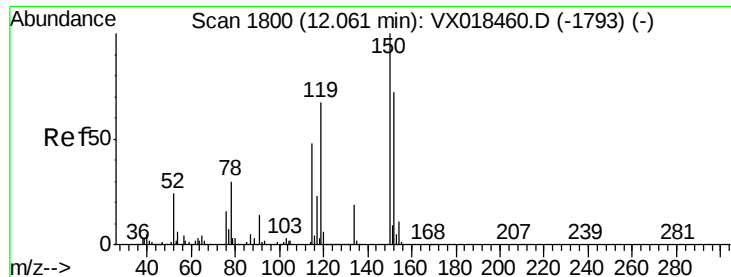
MMDadoda
9/24/2020 1:39:37 PM



#71
Bromoform
Concen: 47.706 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	23.6	70.8
254	0.2	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

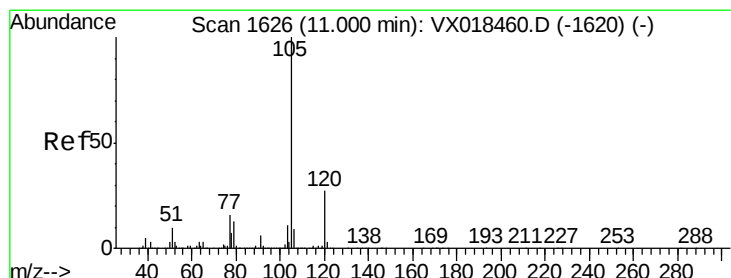
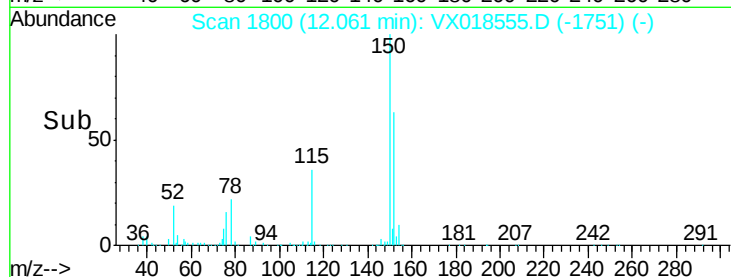
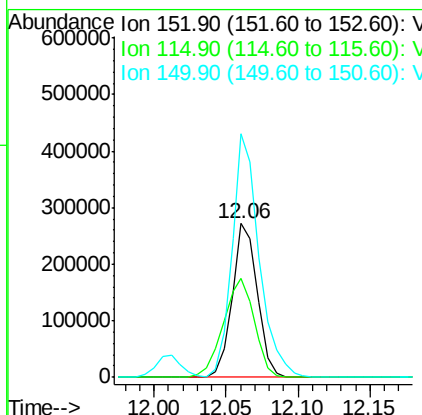
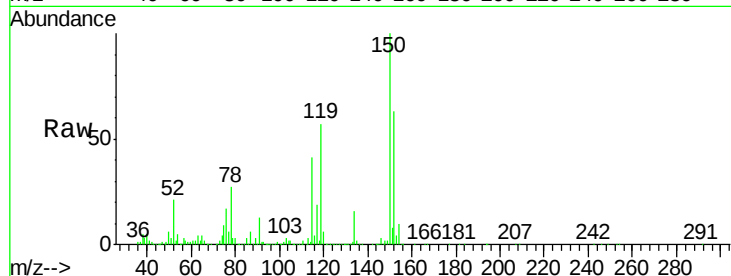
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	152	Resp:	332112
Ion Ratio	Lower	Upper	
152	100		
115	79.5	41.8	125.4
150	169.7	0.0	342.4

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#73

Isopropylbenzene

Concen: 45.870 ug/l

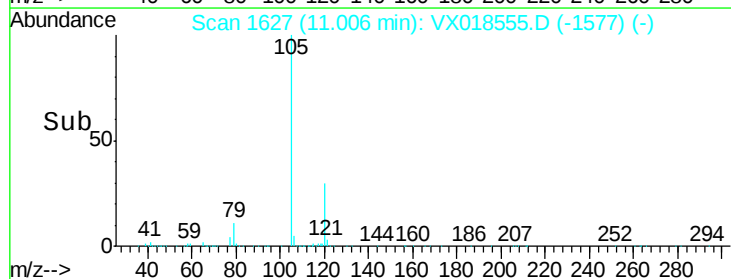
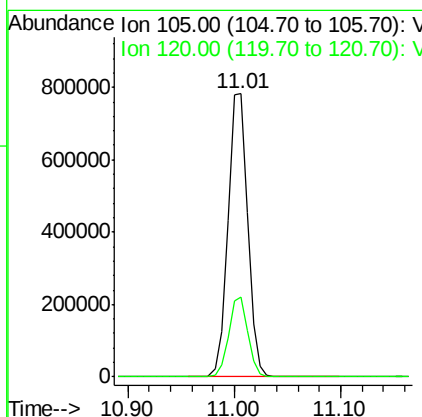
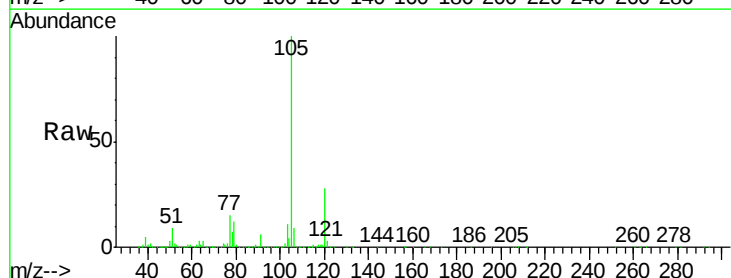
RT: 11.01 min Scan# 1627

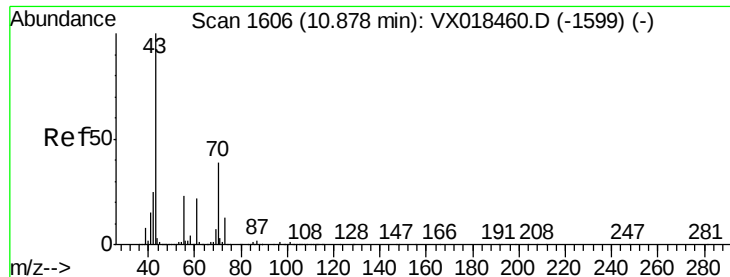
Delta R.T. 0.01 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	105	Resp:	1017691
Ion Ratio	Lower	Upper	
105	100		
120	27.5	13.4	40.2





#74

N-amvl acetate

Concen: 40.213 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

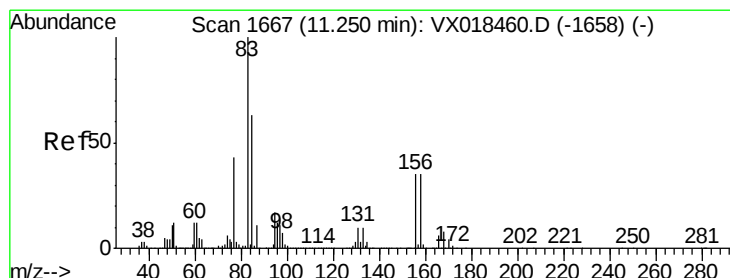
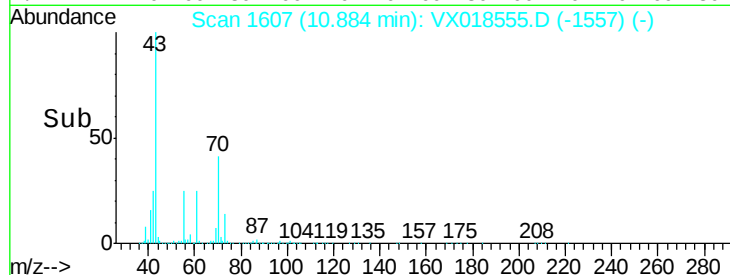
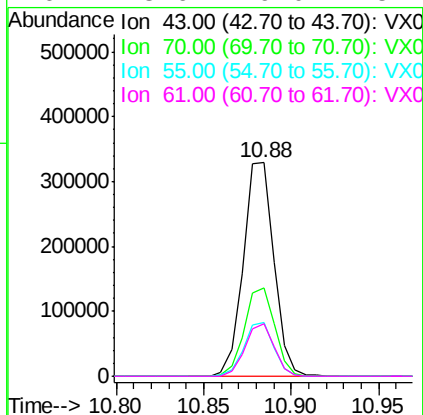
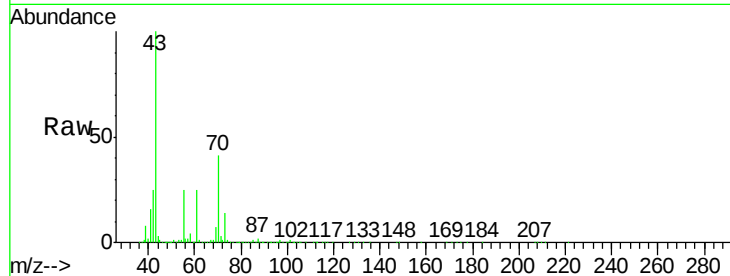
ClientSampleId :

RE109D3-20200917MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100				
70	41.1	32.2	48.4		
55	24.8	18.8	28.2		
61	23.6	19.0	28.4		

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 44.964 ug/l

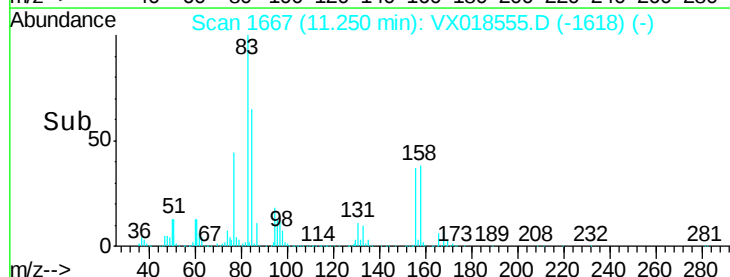
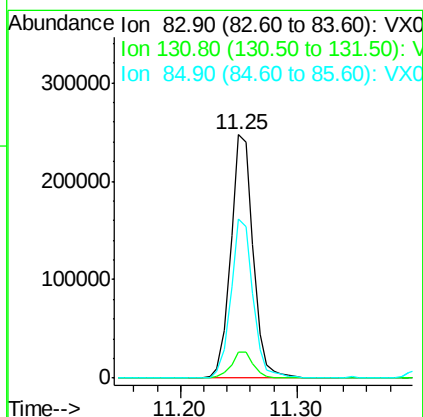
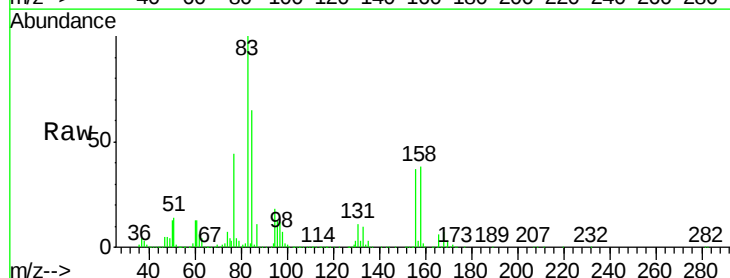
RT: 11.25 min Scan# 1667

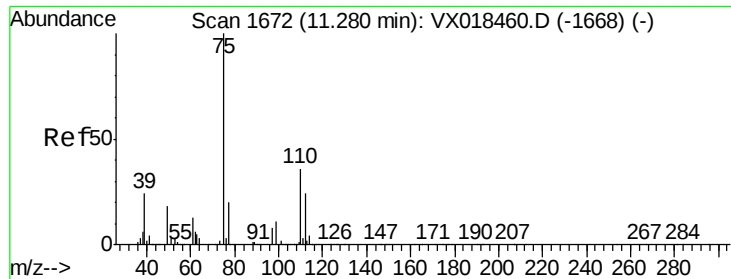
Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100				
131	10.7	5.1	15.4		
85	64.5	31.8	95.4		





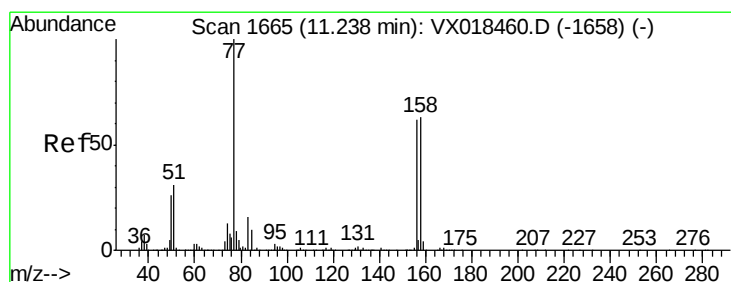
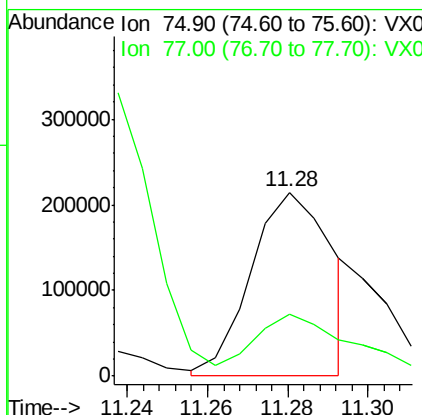
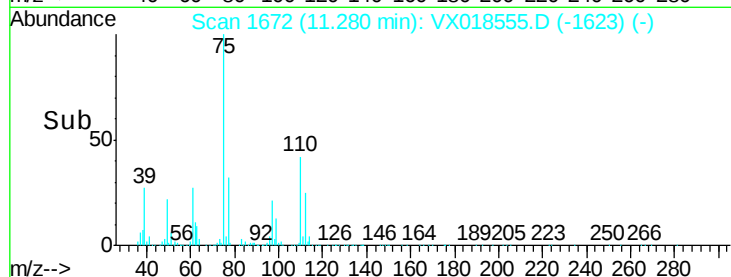
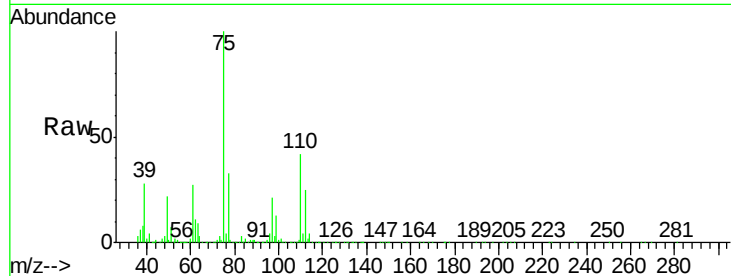
#76
 1,2,3-Trichloropropane
 Concen: 42.766 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion: 75 Resp: 298470
 Ion Ratio Lower Upper
 75 100
 77 41.2 20.9 62.7

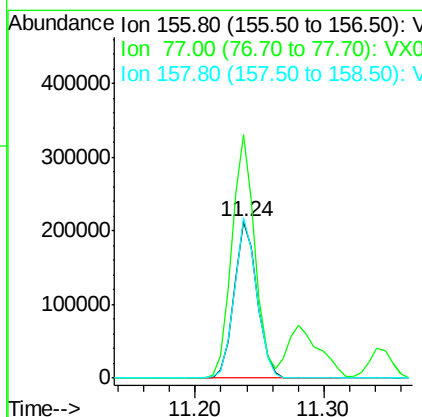
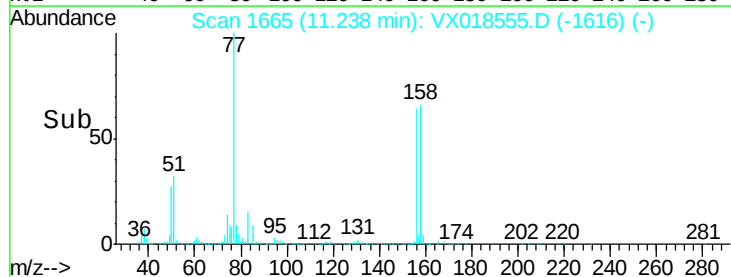
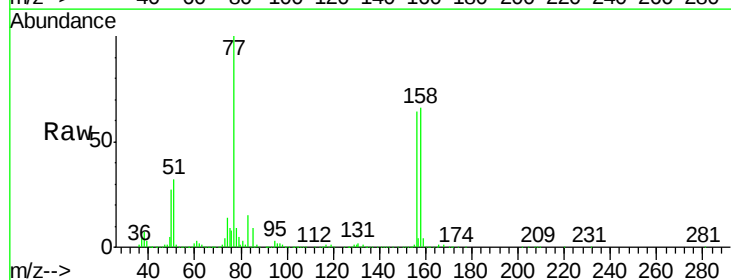
Manual Integrations
 APPROVED

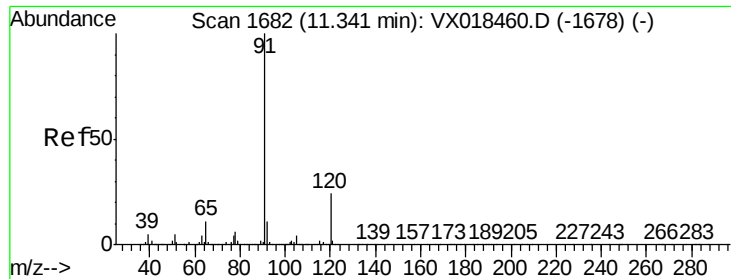
MMDadoda
 9/24/2020 1:39:37 PM



#77
 Bromobenzene
 Concen: 43.143 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion: 156 Resp: 264104
 Ion Ratio Lower Upper
 156 100
 77 156.5 78.8 236.5
 158 99.7 48.4 145.3





#78

n-propylbenzene

Concen: 45.303 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

ClientSampleId :

RE109D3-20200917MS

Tot Ion: 91 Resp: 1176491

Ion Ratio Lower Upper

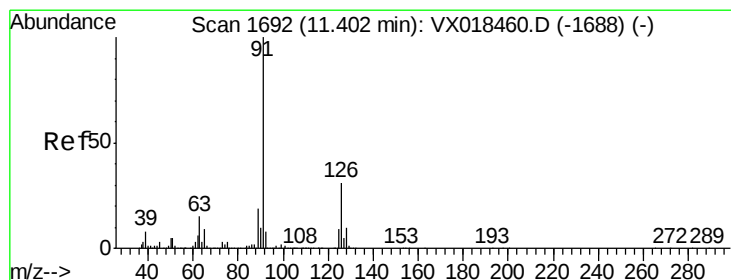
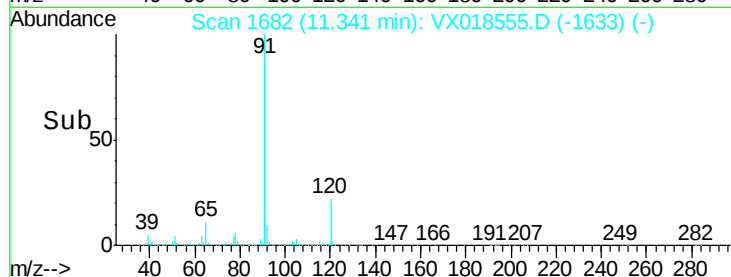
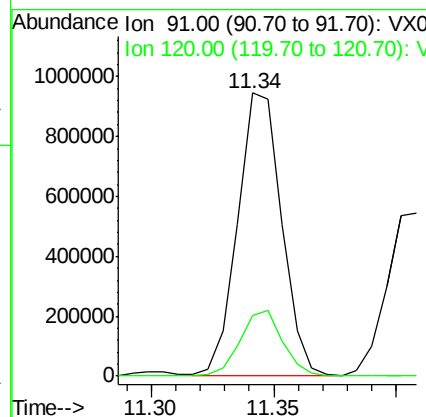
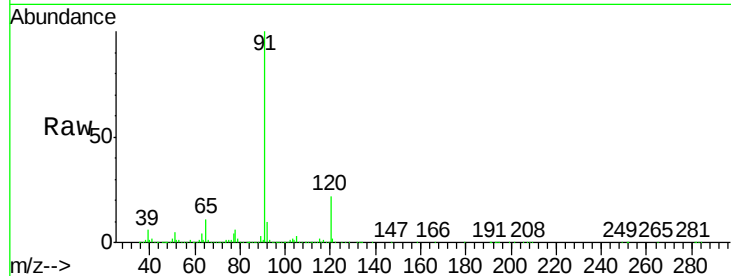
91 100

120 22.6 11.8 35.3

Manual Integrations
APPROVED

MMDadoda

9/24/2020 1:39:37 PM



#79

2-Chlorotoluene

Concen: 44.007 ug/l

RT: 11.41 min Scan# 1693

Delta R.T. 0.01 min

Lab File: VX018555.D

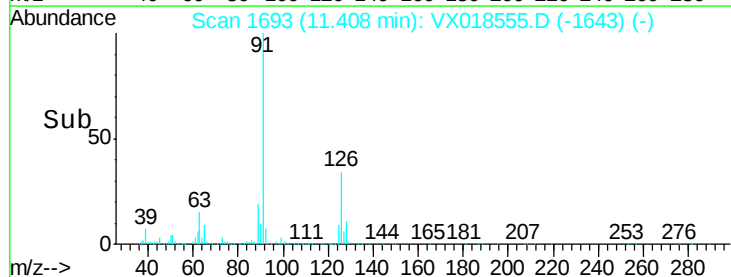
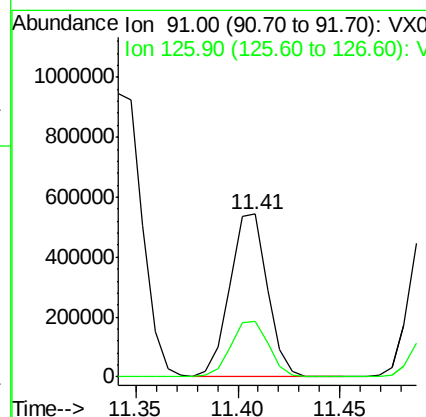
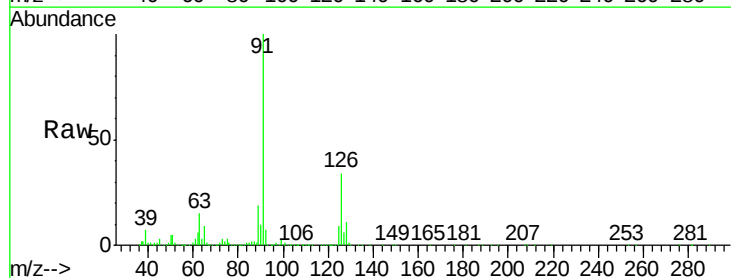
Acq: 23 Sep 2020 23:14

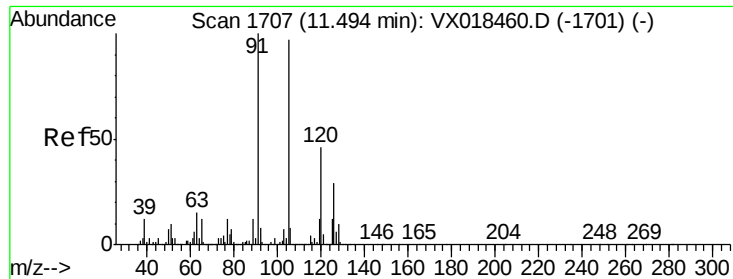
Tgt Ion: 91 Resp: 691780

Ion Ratio Lower Upper

91 100

126 34.6 16.6 49.7





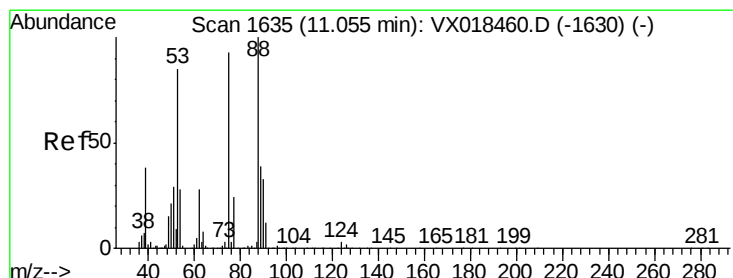
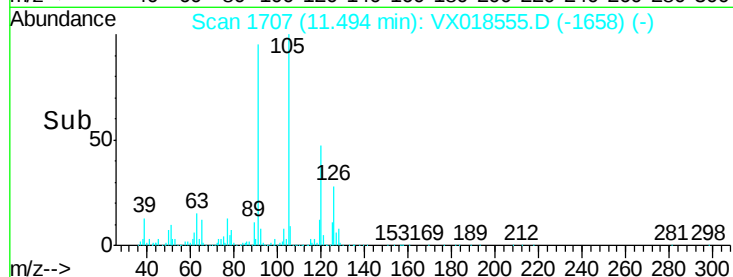
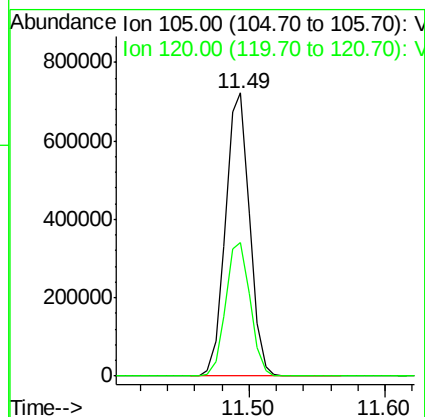
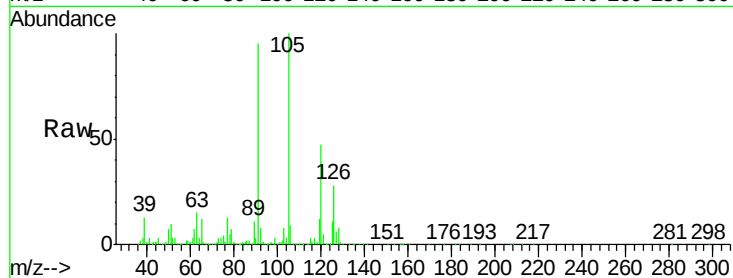
#80
 1,3,5-Trimethylbenzene
 Concen: 46.505 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.1	23.6	71.0

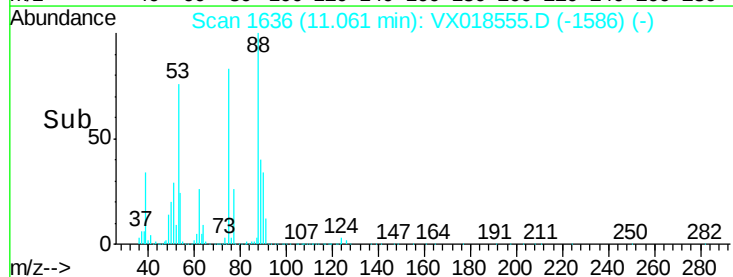
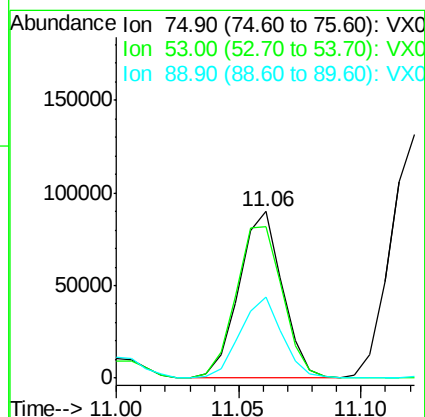
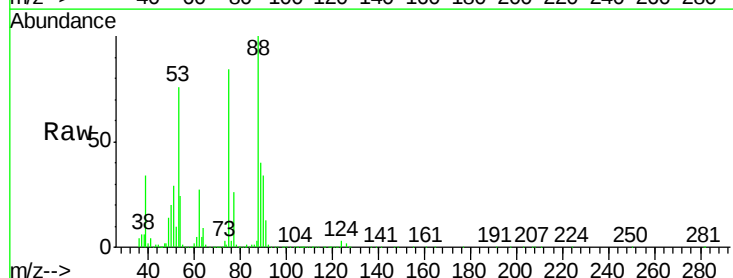
Manual Integrations
 APPROVED

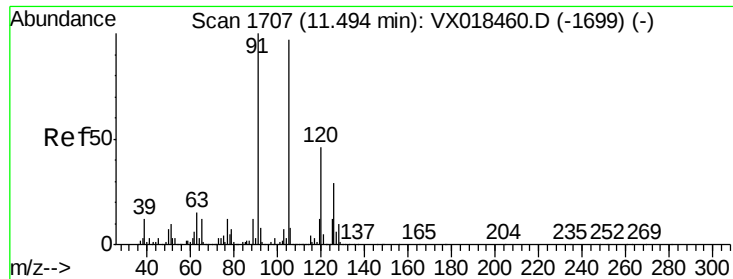
MMDadoda
 9/24/2020 1:39:37 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 40.694 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. 0.01 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.7	74.6	111.8
89	46.5	36.2	54.4





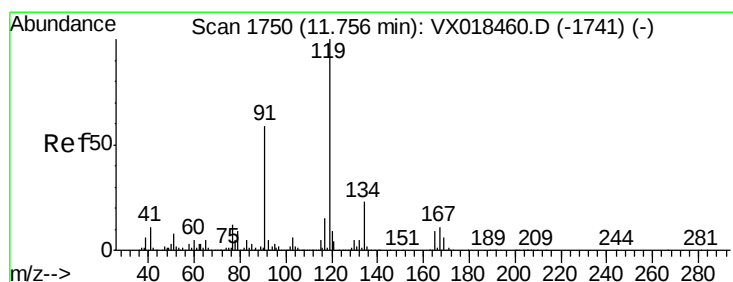
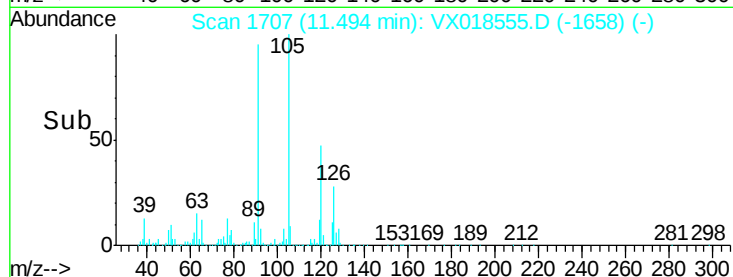
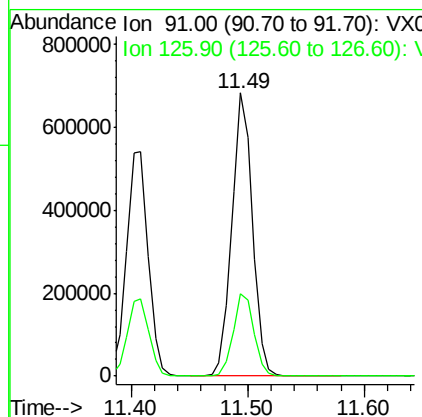
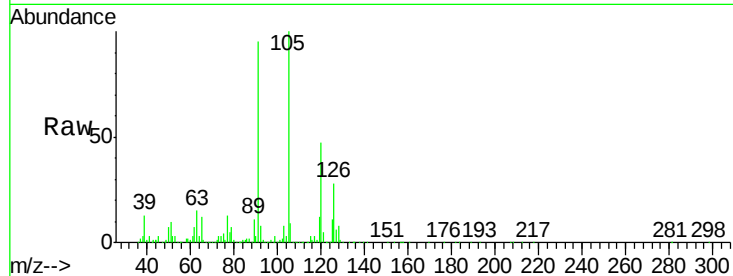
#82
4-Chlorotoluene
Concen: 44.904 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Resp	Lower	Upper
91	100	839080		
126	29.4	15.0	45.0	

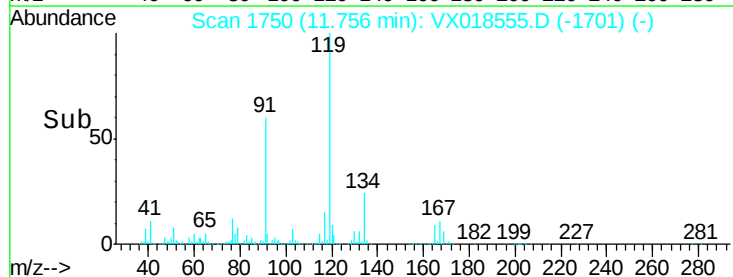
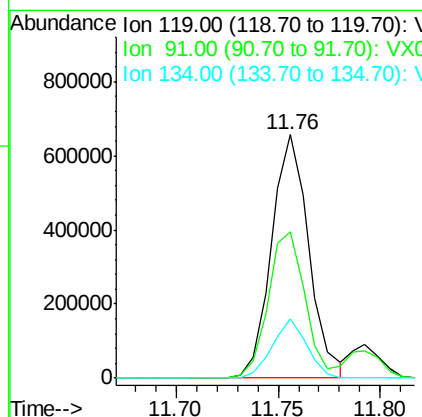
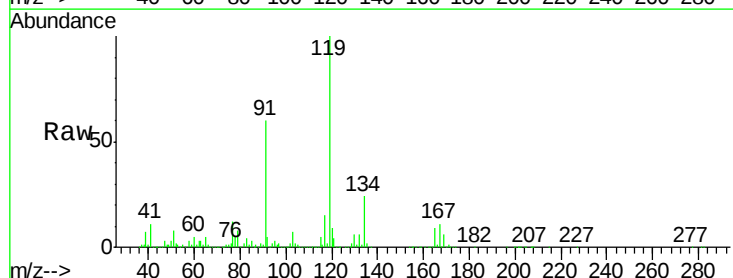
Manual Integrations
APPROVED

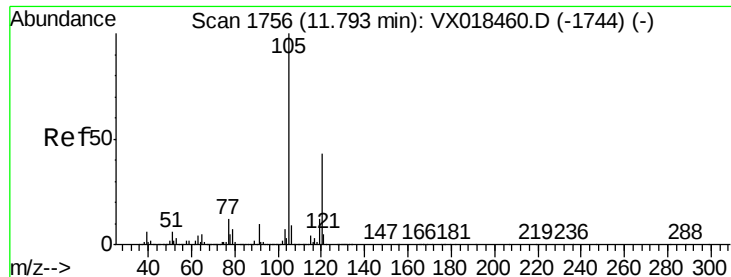
MMDadoda
9/24/2020 1:39:37 PM



#83
tert-Butylbenzene
Concen: 45.439 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	837091		
91	58.9	28.9	86.7	
134	22.7	11.3	33.8	





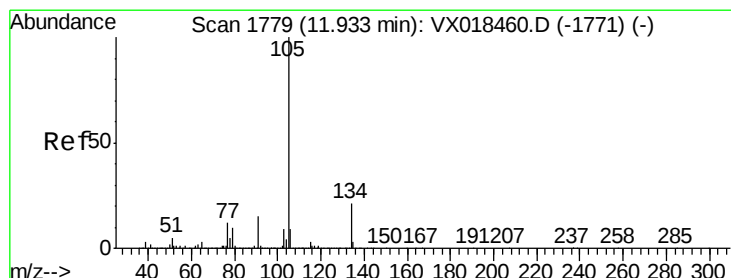
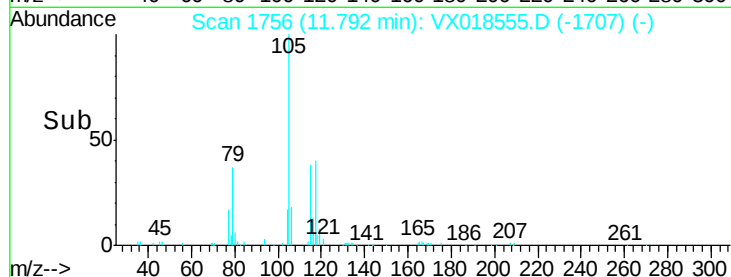
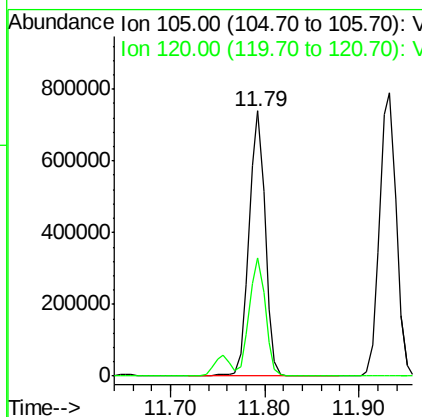
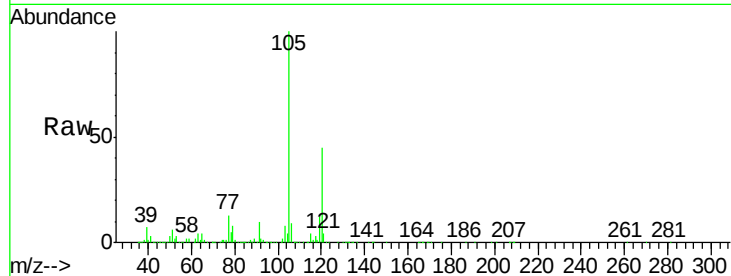
#84
 1,2,4-Trimethylbenzene
 Concen: 46.380 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.6	21.6	65.0

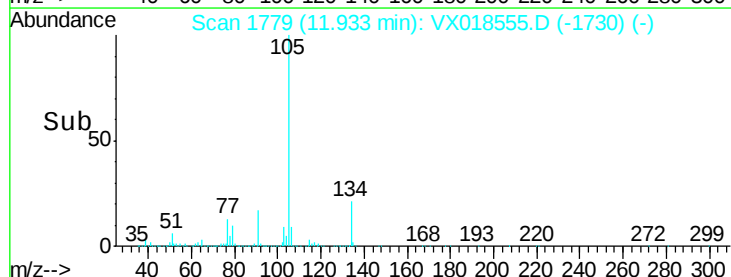
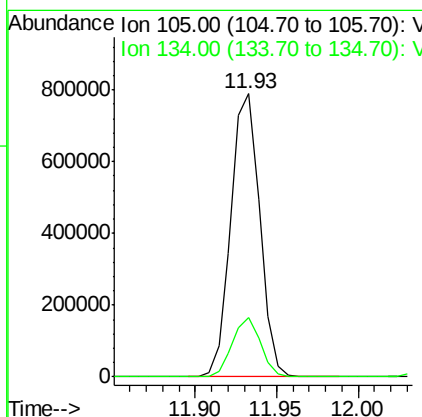
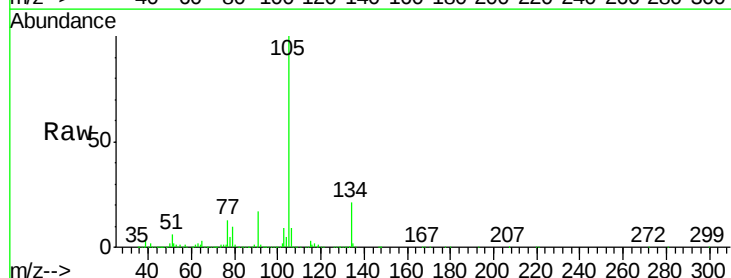
Manual Integrations
 APPROVED

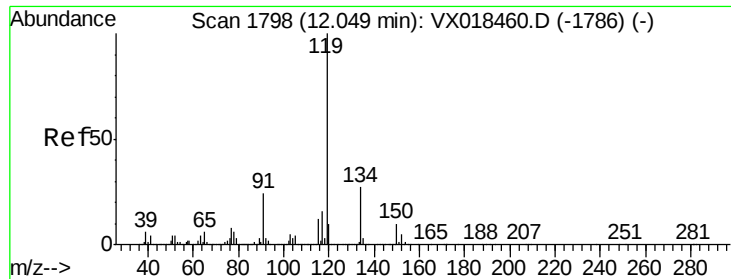
MMDadoda
 9/24/2020 1:39:37 PM



#85
 sec-Butylbenzene
 Concen: 44.741 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.2	30.4





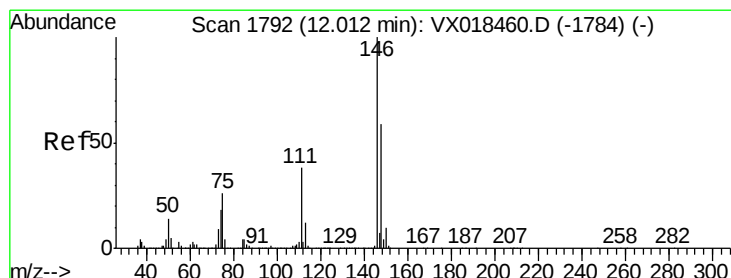
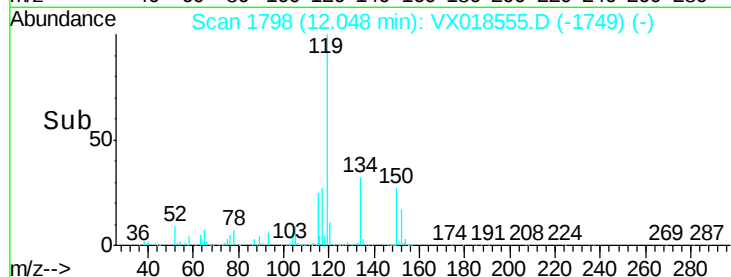
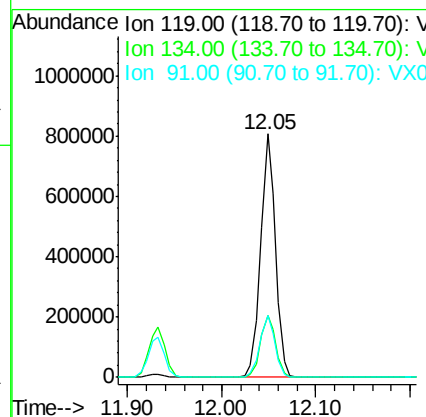
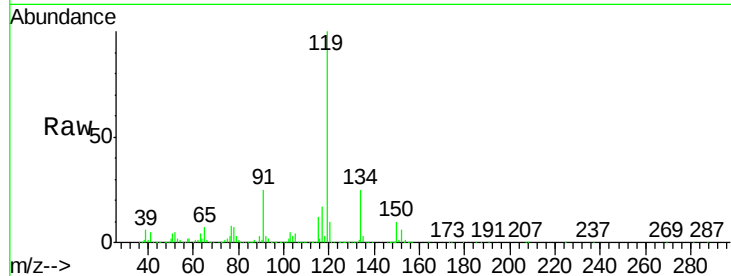
#86
p-Isopropyltoluene
Concen: 45.155 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	902052		
134	26.3		13.3	39.9
91	25.3		11.9	35.9

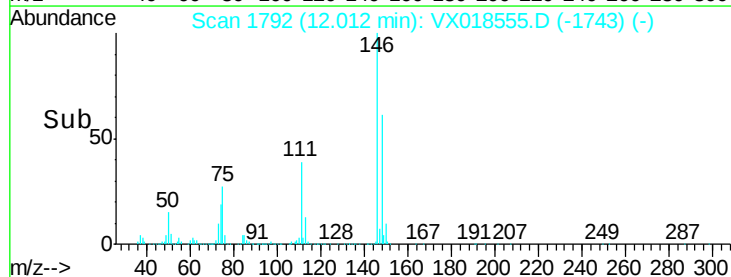
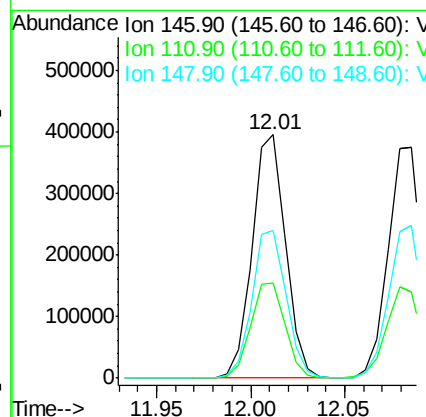
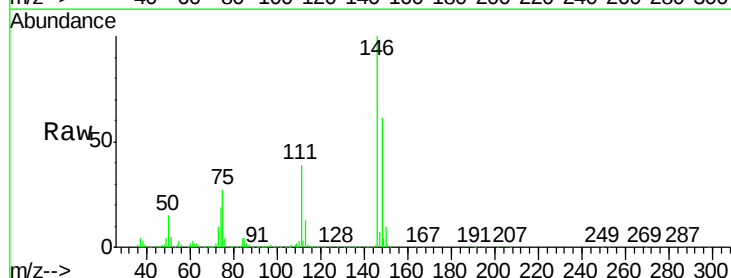
Manual Integrations
APPROVED

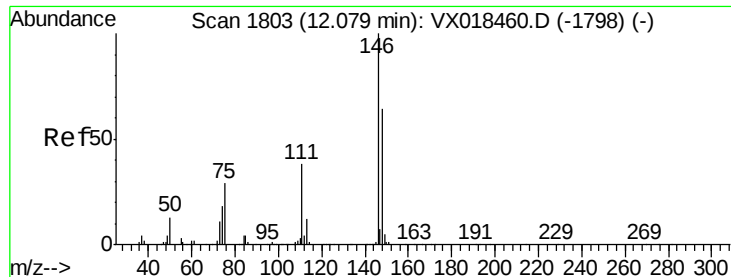
MMDadoda
9/24/2020 1:39:37 PM



#87
1,3-Dichlorobenzene
Concen: 44.161 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	486057		
111	40.7		20.4	61.2
148	62.2		31.1	93.2





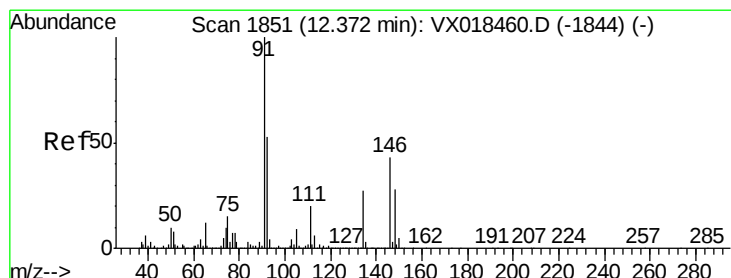
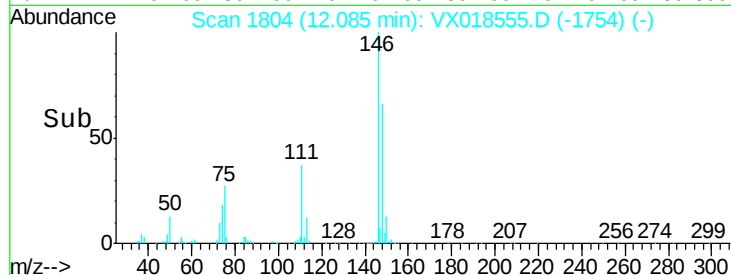
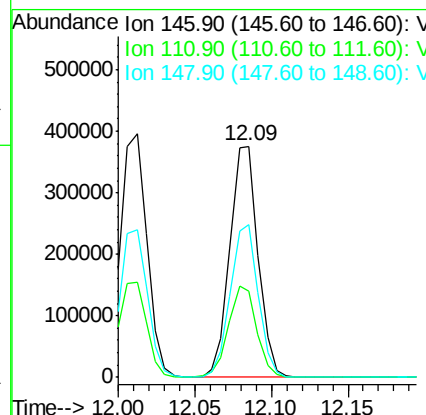
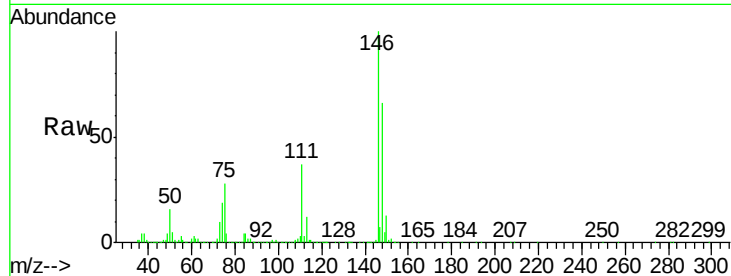
#88
 1,4-Dichlorobenzene
 Concen: 42.948 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.4
148	65.3	31.8	95.4

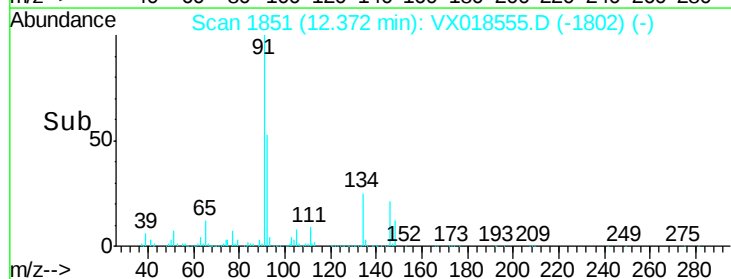
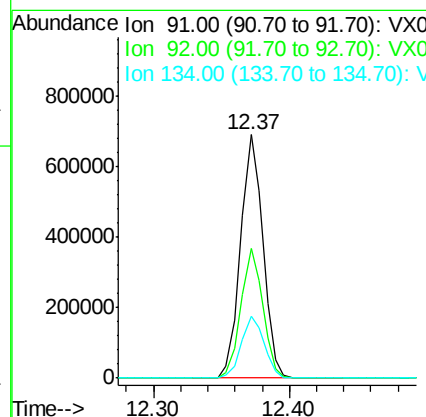
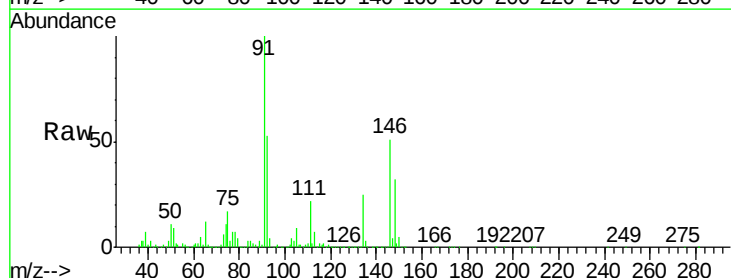
Manual Integrations
 APPROVED

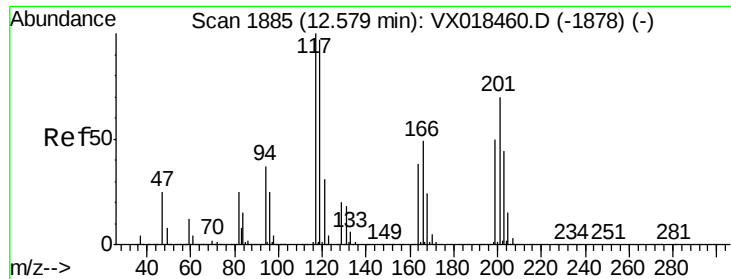
MMDadoda
 9/24/2020 1:39:37 PM



#89
 n-Butylbenzene
 Concen: 42.644 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.1	78.2
134	26.0	13.3	39.8





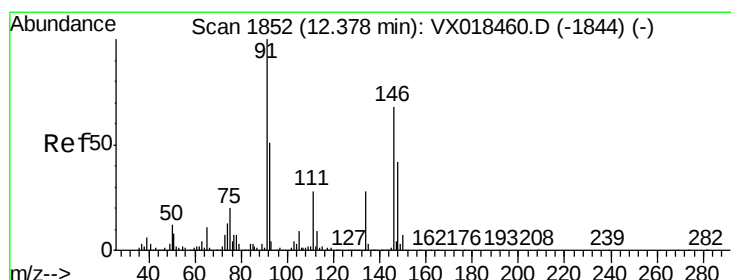
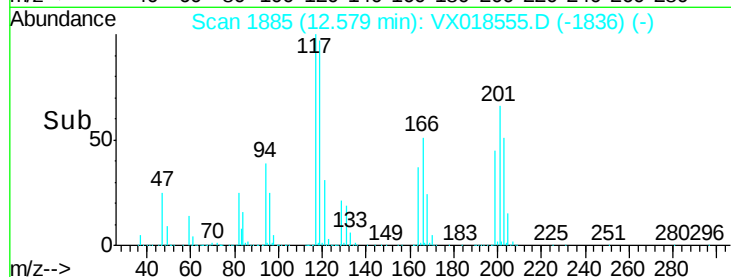
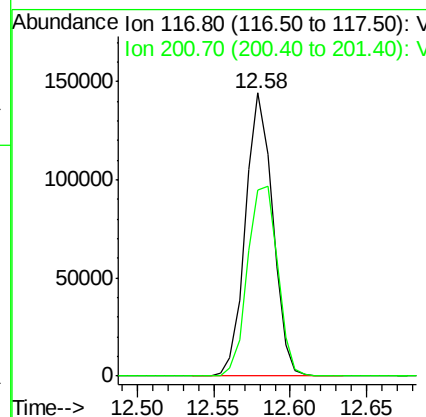
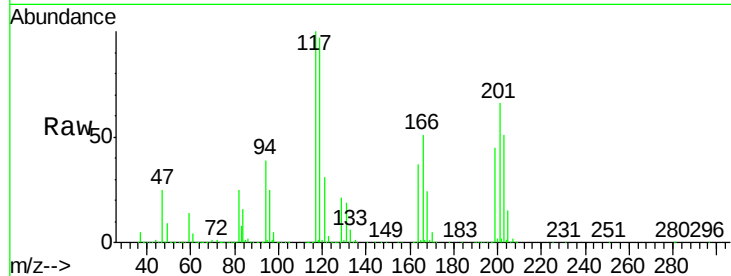
#90
Hexachloroethane
Concen: 44.721 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Instrument :
MSVOA_X
ClientSampleId :
RE109D3-20200917MS

Tot Ion:117 Resp: 178358
Ion Ratio Lower Upper
117 100
201 74.8 36.2 108.6

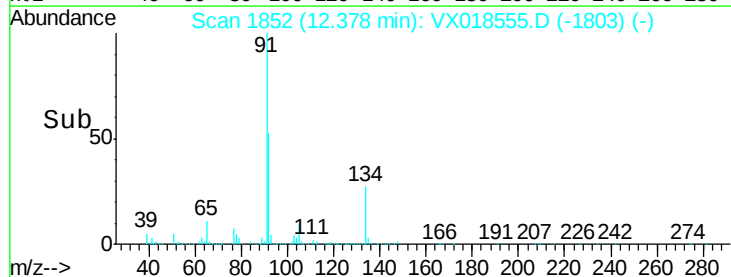
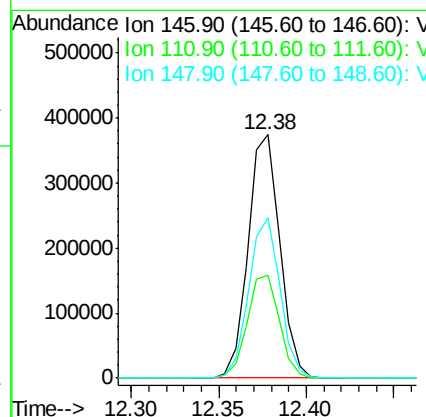
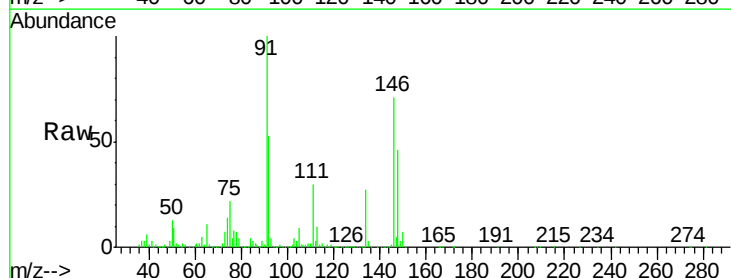
Manual Integrations
APPROVED

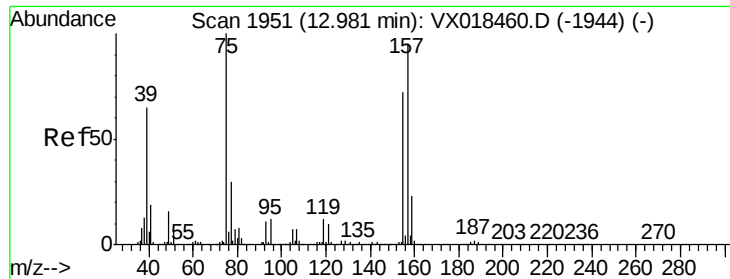
MMDadoda
9/24/2020 1:39:37 PM



#91
1,2-Dichlorobenzene
Concen: 45.847 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018555.D
Acq: 23 Sep 2020 23:14

Tgt Ion:146 Resp: 472312
Ion Ratio Lower Upper
146 100
111 42.7 21.5 64.5
148 64.9 32.1 96.5





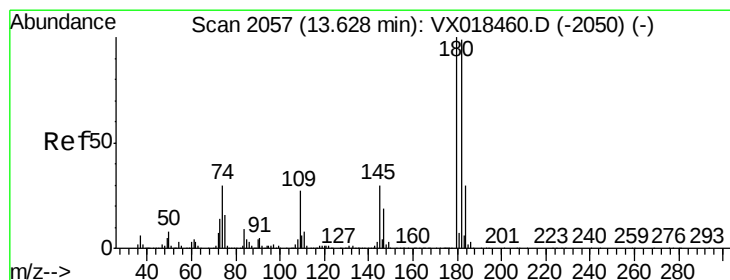
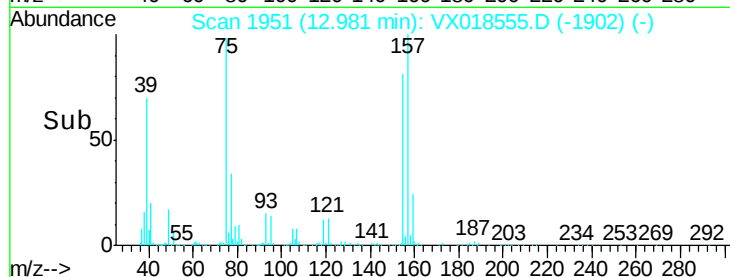
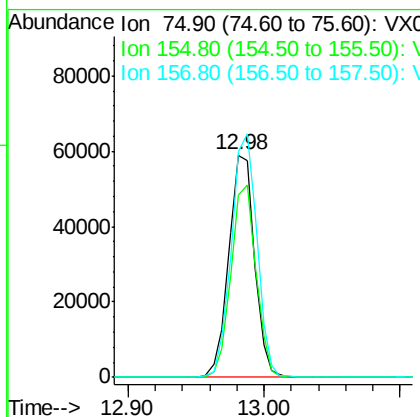
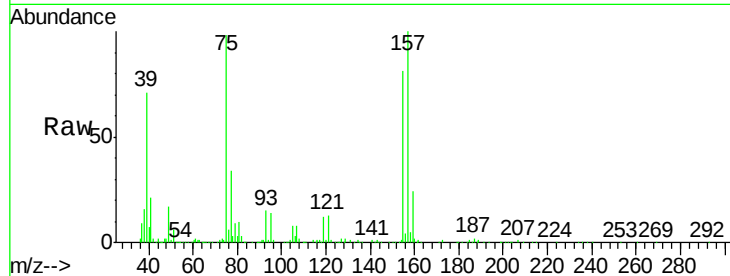
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.592 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	84.6	38.8	116.4
157	108.6	51.1	153.3

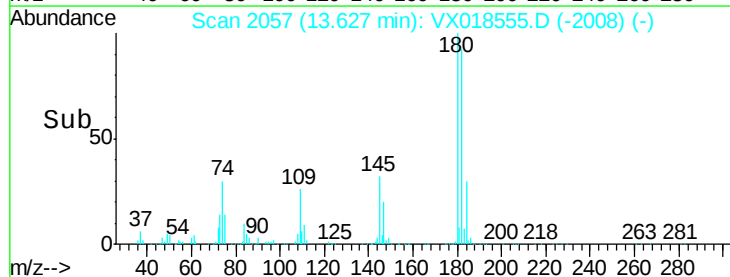
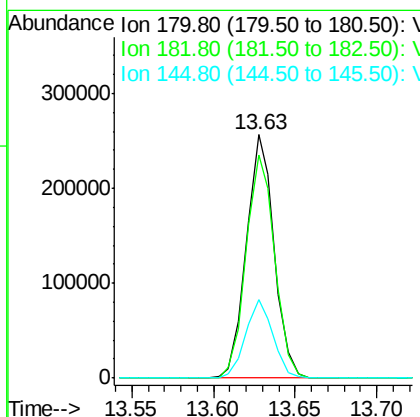
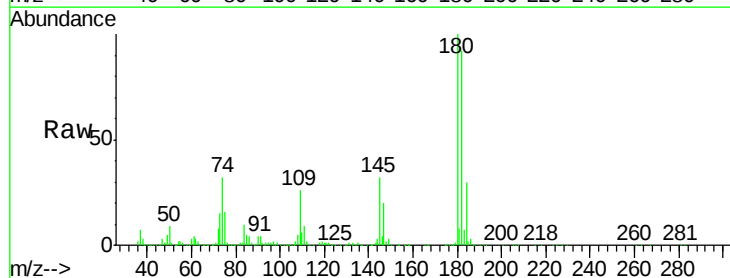
Manual Integrations
 APPROVED

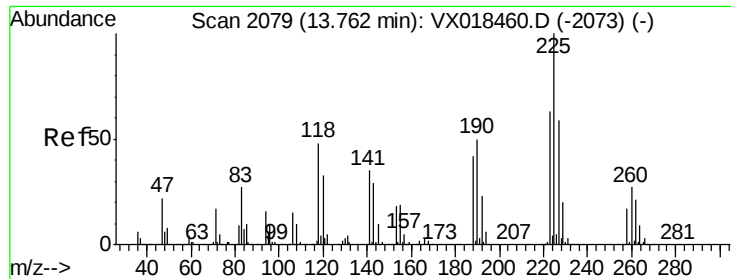
MMDadoda
 9/24/2020 1:39:37 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 42.430 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	50.2	150.6
145	31.8	15.7	47.1





#94

Hexachlorobutadiene

Concen: 41.505 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Instrument :

MSVOA_X

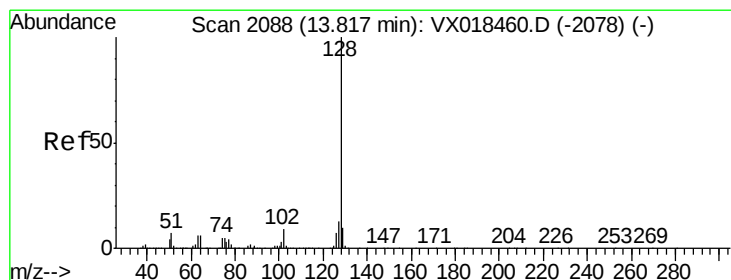
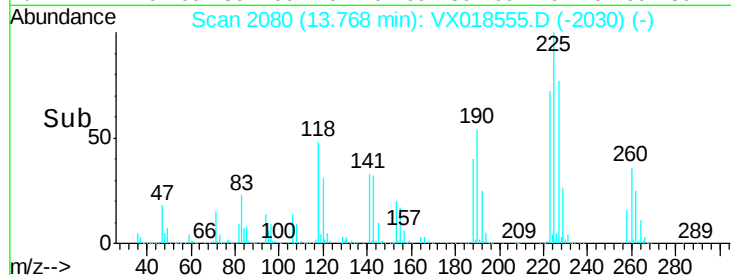
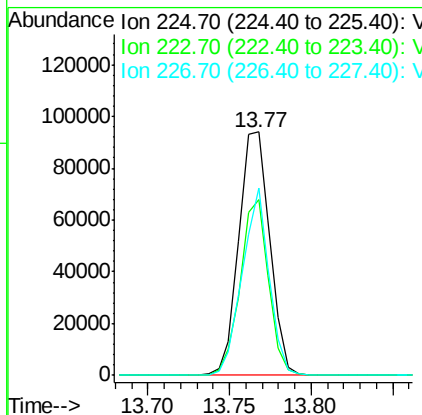
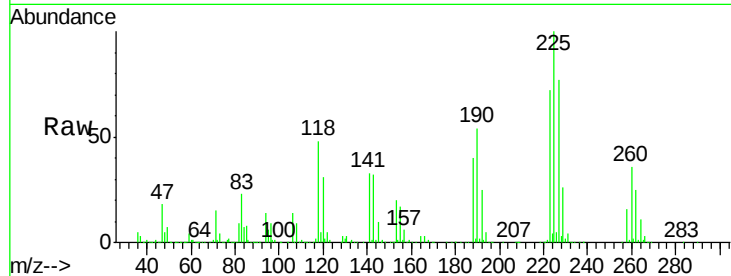
ClientSampleId :

RE109D3-20200917MS

Tot Ion:	225	Resp:	124876
Ion Ratio	Lower	Upper	
225	100		
223	65.8	32.0	96.2
227	66.7	31.7	95.1

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:39:37 PM



#95

Naphthalene

Concen: 44.480 ug/l

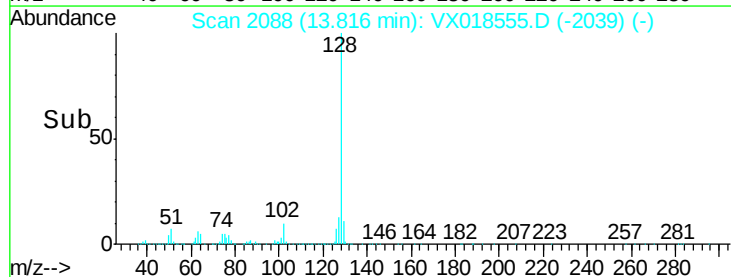
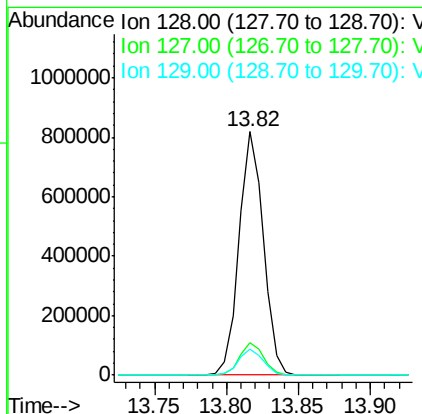
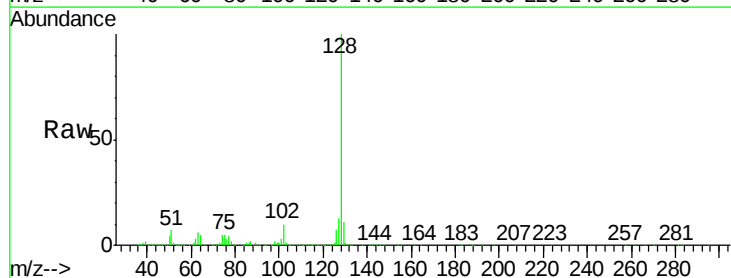
RT: 13.82 min Scan# 2088

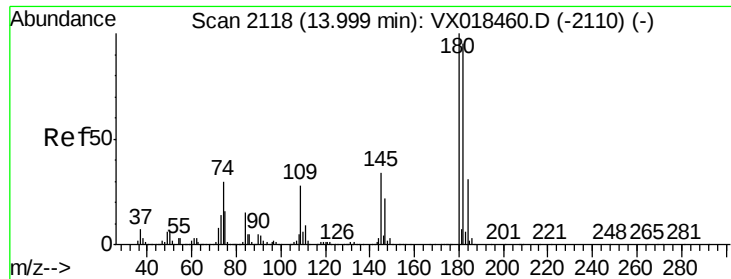
Delta R.T. -0.00 min

Lab File: VX018555.D

Acq: 23 Sep 2020 23:14

Tgt Ion:	128	Resp:	963128
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.8	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 43.387 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018555.D
 Acq: 23 Sep 2020 23:14

Instrument :
 MSVOA_X
 ClientSampleId :
 RE109D3-20200917MS

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	96.5	47.1	141.3
145	34.0	16.8	50.4

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:39:37 PM

