

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
 Data File : VX018159.D
 Acq On : 31 Aug 2020 19:42
 Operator : JC/SP
 Sample : L3831-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:41 AM

Quant Time: Sep 01 06:54:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	458399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	736637	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	701284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385743	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	309938	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	
35) Dibromofluoromethane	5.46	113	236271	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
50) Toluene-d8	8.70	98	861794	46.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.24%	
62) 4-Bromofluorobenzene	11.12	95	358025	48.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.40%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.18	85	264645	47.418	ug/l	99
3) Chloromethane	1.31	50	267569	45.474	ug/l	99
4) Vinyl Chloride	1.39	62	257666	43.991	ug/l	100
5) Bromomethane	1.62	94	158607	56.140	ug/l	95
6) Chloroethane	1.70	64	148824	47.307	ug/l	99
7) Trichlorofluoromethane	1.91	101	413224	51.738	ug/l	98
8) Diethyl Ether	2.17	74	128586	47.473	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202755	46.957	ug/l	99
10) Methyl Iodide	2.49	142	244888	52.691	ug/l	99
11) Tert butyl alcohol	3.03	59	288581	233.226	ug/l	100
12) 1,1-Dichloroethene	2.36	96	206863	46.178	ug/l	98
13) Acrolein	2.28	56	151047	294.407	ug/l	99
14) Allyl chloride	2.70	41	375087	46.604	ug/l	98
15) Acrylonitrile	3.12	53	640018	228.027	ug/l	99
16) Acetone	2.42	43	579219	233.584	ug/l	96
17) Carbon Disulfide	2.54	76	576685	42.584	ug/l	98
18) Methyl Acetate	2.75	43	269572	45.050	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	746359	48.581	ug/l	100
20) Methylene Chloride	2.84	84	239179	47.106	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	226532	45.643	ug/l	97
22) Diisopropyl ether	3.83	45	735274	46.287	ug/l	97
23) Vinyl Acetate	3.79	43	3074805	217.537	ug/l	99
24) 1,1-Dichloroethane	3.67	63	417674	46.190	ug/l	99
25) 2-Butanone	4.64	43	892089	218.901	ug/l	100
26) 2,2-Dichloropropane	4.55	77	322565	43.843	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	255876	44.746	ug/l	99
28) Bromochloromethane	4.98	49	208349	47.735	ug/l	99
29) Tetrahydrofuran	5.09	42	567697	218.828	ug/l	97
30) Chloroform	5.18	83	443680	47.386	ug/l	97
31) Cyclohexane	5.55	56	344014	45.164	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	418058	48.655	ug/l	99
36) 1,1-Dichloropropene	5.77	75	307832	45.307	ug/l	98
37) Ethyl Acetate	4.80	43	329628	41.771	ug/l	99
38) Carbon Tetrachloride	5.76	117	380037	49.633	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX083120\
 Data File : VX018159.D
 Acq On : 31 Aug 2020 19:42
 Operator : JC/SP
 Sample : L3831-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:41 AM

Quant Time: Sep 01 06:54:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	334432	45.015	ug/l	95
40) Benzene	6.11	78	925022	46.334	ug/l	98
41) Methacrylonitrile	5.01	41	195063	45.019	ug/l	98
42) 1,2-Dichloroethane	6.17	62	370741	48.468	ug/l	98
43) Isopropyl Acetate	6.42	43	546693	42.892	ug/l	99
44) Trichloroethene	7.19	130	262939	46.611	ug/l	100
45) 1,2-Dichloropropane	7.49	63	245684	45.660	ug/l	96
46) Dibromomethane	7.64	93	175522	46.387	ug/l	100
47) Bromodichloromethane	7.88	83	366632	48.527	ug/l	98
48) Methyl methacrylate	7.74	41	286645	45.177	ug/l	99
49) 1,4-Dioxane	7.71	88	105214	915.435	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1797492	228.305	ug/l	100
52) Toluene	8.77	92	584310	46.156	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	393235	46.962	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	392696	44.271	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	249788	46.264	ug/l	95
56) Ethyl methacrylate	9.16	69	372046	46.353	ug/l	98
57) 1,3-Dichloropropane	9.35	76	416077	46.723	ug/l	100
59) 2-Hexanone	9.48	43	1408494	235.272	ug/l	100
60) Dibromochloromethane	9.57	129	316086	49.906	ug/l	98
61) 1,2-Dibromoethane	9.65	107	273509	46.661	ug/l	99
64) Tetrachloroethene	9.32	164	238235	46.228	ug/l	94
65) Chlorobenzene	10.12	112	665046	47.482	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	269552	48.829	ug/l	99
67) Ethyl Benzene	10.24	91	1162343	48.799	ug/l	99
68) m/p-Xylenes	10.34	106	888256	99.913	ug/l	99
69) o-Xylene	10.68	106	426045	49.435	ug/l	97
70) Stvrene	10.70	104	737112	50.223	ug/l	98
71) Bromoform	10.84	173	244189	51.860	ug/l #	100
73) Isopropylbenzene	11.00	105	1185091	46.576	ug/l	100
74) N-amyl acetate	10.88	43	490532	40.633	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	372177	41.465	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	363069m	42.311	ug/l	
77) Bromobenzene	11.24	156	311728	44.322	ug/l	99
78) n-propylbenzene	11.34	91	1344421	46.535	ug/l	100
79) 2-Chlorotoluene	11.40	91	821291	46.013	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1011919	48.397	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	130918	41.206	ug/l	96
82) 4-Chlorotoluene	11.49	91	970497	45.737	ug/l	99
83) tert-Butylbenzene	11.76	119	987782	47.871	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1014595	47.462	ug/l	98
85) sec-Butylbenzene	11.93	105	1104987	47.091	ug/l	99
86) p-Isopropyltoluene	12.05	119	1046802	48.566	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	549720	44.517	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	534016	43.191	ug/l	99
89) n-Butylbenzene	12.37	91	873691	44.411	ug/l	99
90) Hexachloroethane	12.58	117	208940	49.270	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	527933	45.418	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94738	42.213	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	341043	43.999	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083120\
Data File : VX018159.D
Acq On : 31 Aug 2020 19:42
Operator : JC/SP
Sample : L3831-03MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

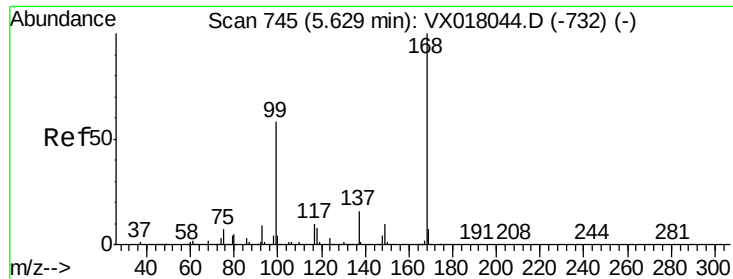
Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM

Quant Time: Sep 01 06:54:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	133290	43.598	ug/l	96
95) Naphthalene	13.82	128	1141493	44.748	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	350131	45.716	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: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MSD

Tot Ion:168 Resp: 458399

Ion Ratio Lower Upper

168 100

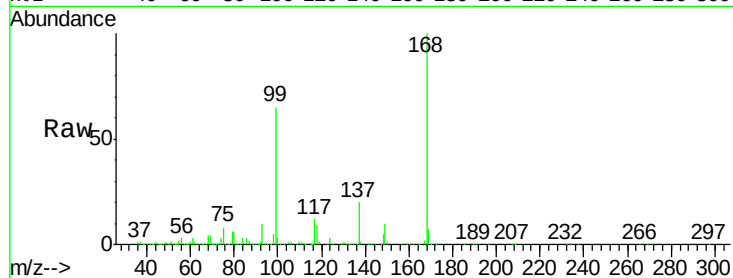
99 65.0 46.3 69.5

Manual Integrations

APPROVED

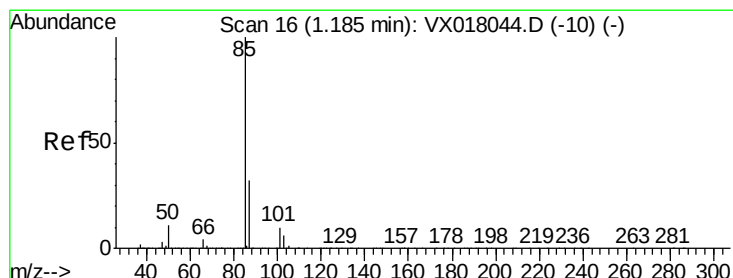
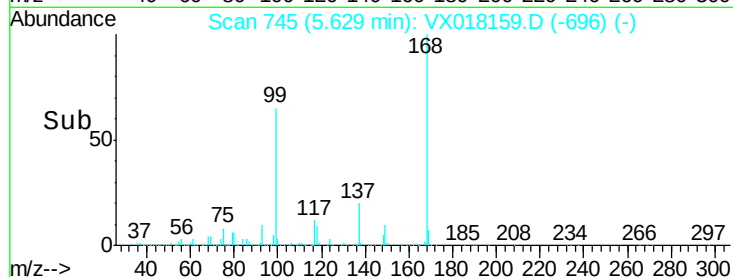
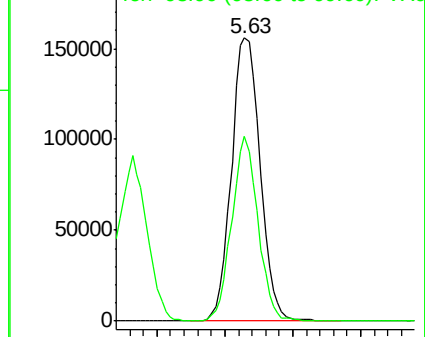
MMDadoda

9/1/2020 9:08:41 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 47.418 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018159.D

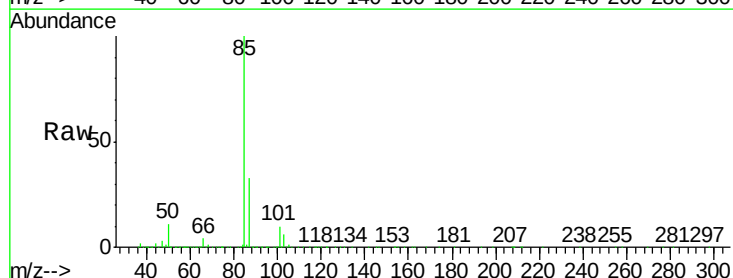
Acq: 31 Aug 2020 19:42

Tgt Ion: 85 Resp: 264645

Ion Ratio Lower Upper

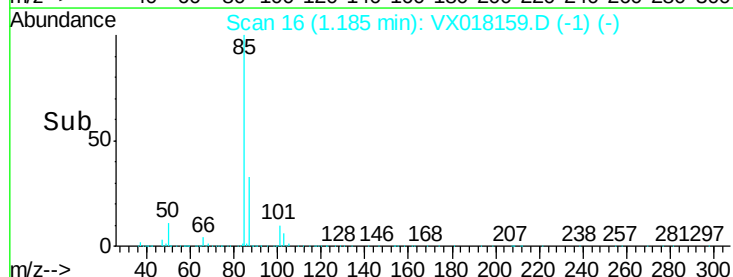
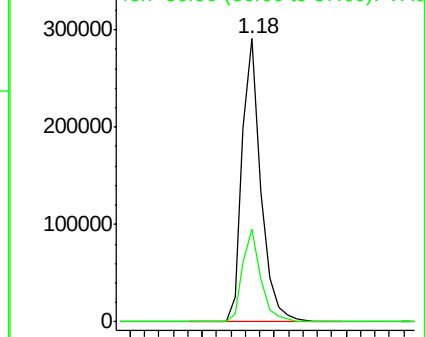
85 100

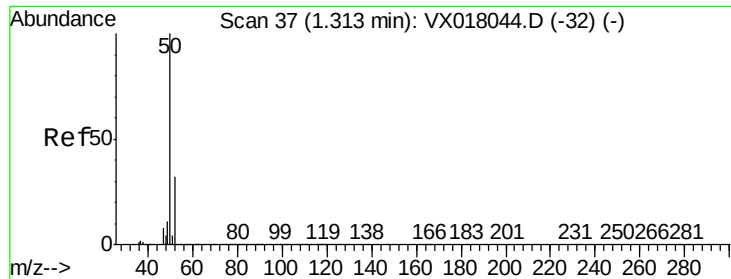
87 32.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.474 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MSD

Tot Ion: 50 Resp: 267569

Ion Ratio Lower Upper

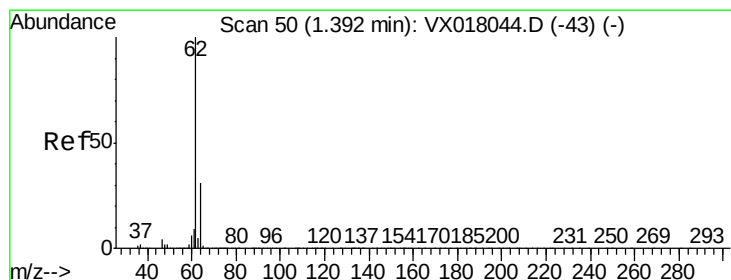
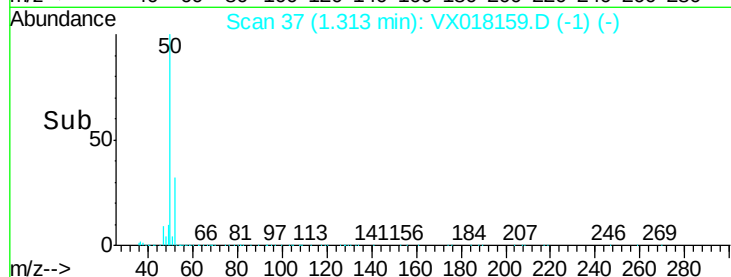
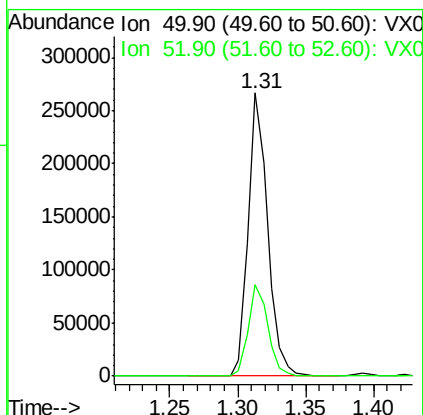
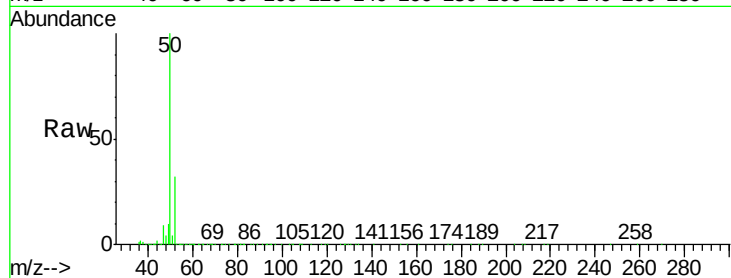
50 100

52 32.3 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

9/1/2020 9:08:41 AM



#4

Vinyl Chloride

Concen: 43.991 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018159.D

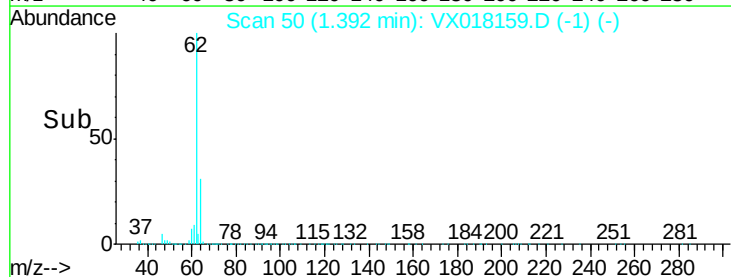
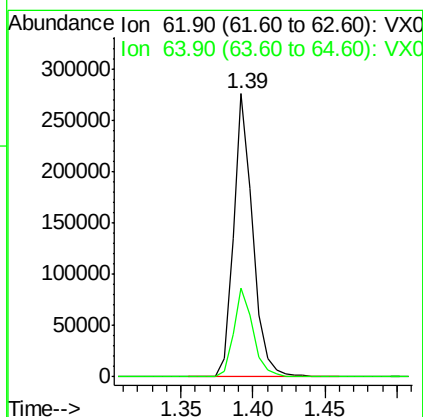
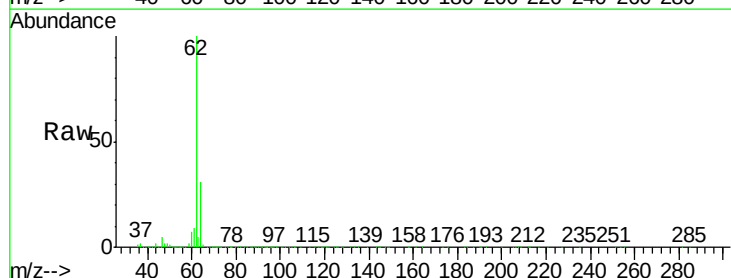
Acq: 31 Aug 2020 19:42

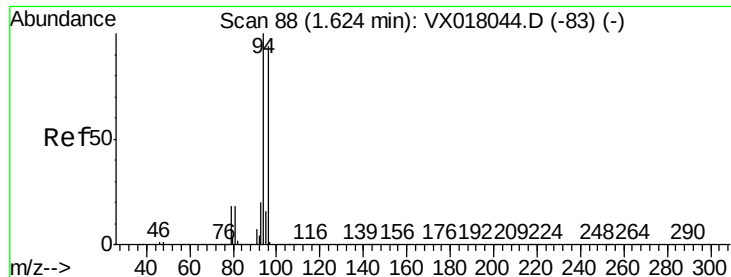
Tgt Ion: 62 Resp: 257666

Ion Ratio Lower Upper

62 100

64 31.2 25.1 37.7





#5

Bromomethane

Concen: 56.140 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MSD

Tot Ion: 94 Resp: 158607

Ion Ratio Lower Upper

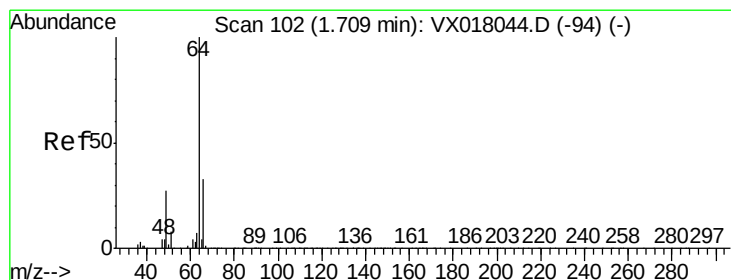
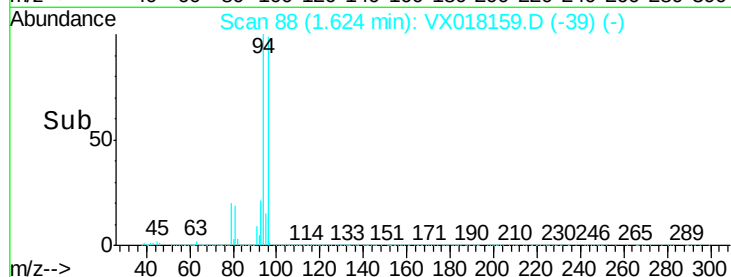
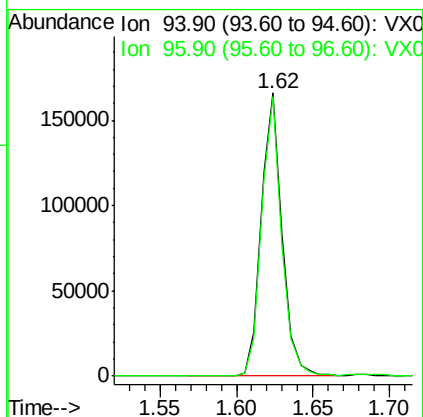
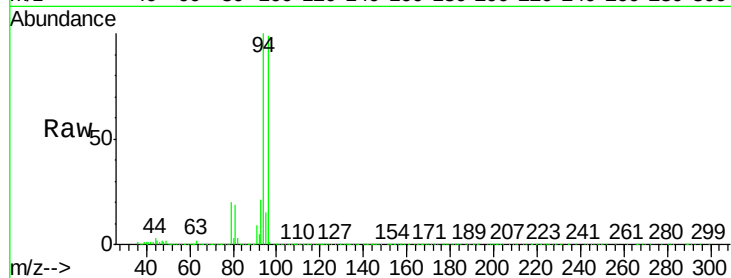
94 100

96 98.6 74.8 112.2

Manual Integrations
APPROVED

MMDadoda

9/1/2020 9:08:41 AM



#6

Chloroethane

Concen: 47.307 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018159.D

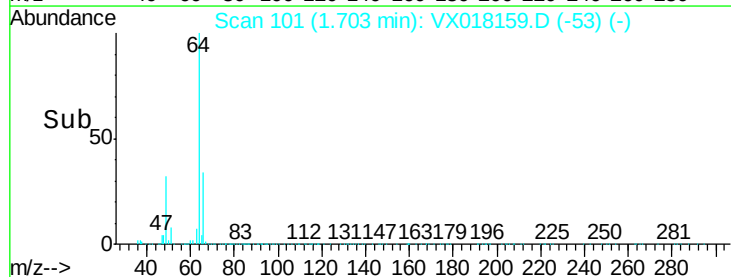
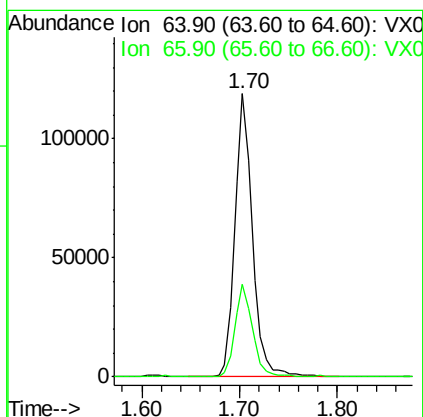
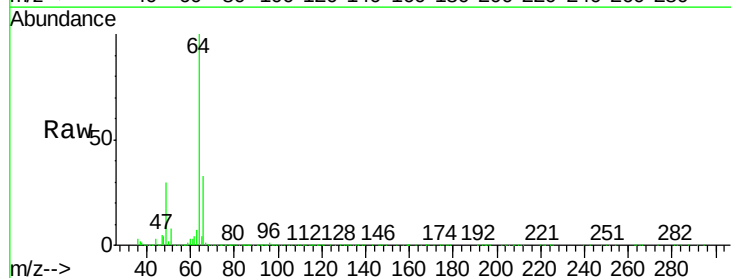
Acq: 31 Aug 2020 19:42

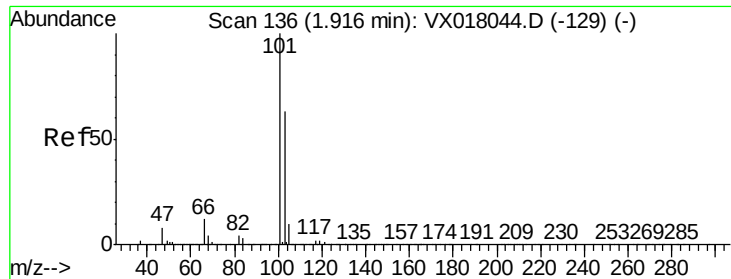
Tgt Ion: 64 Resp: 148824

Ion Ratio Lower Upper

64 100

66 32.4 26.6 39.8





#7

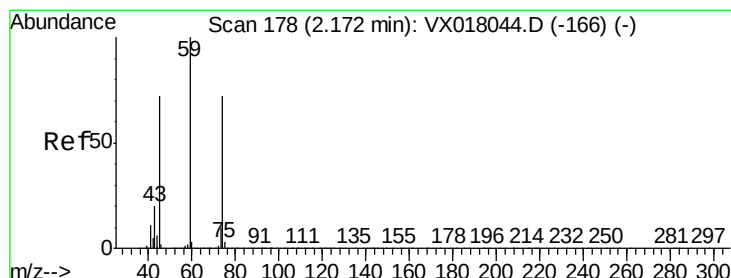
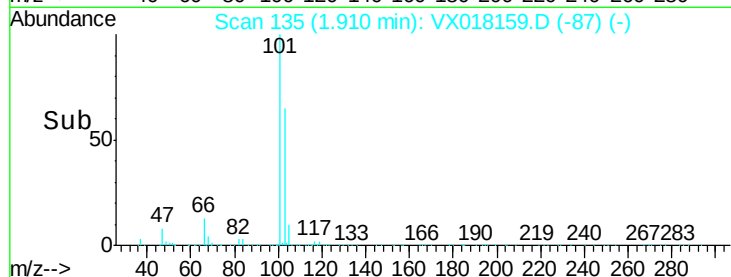
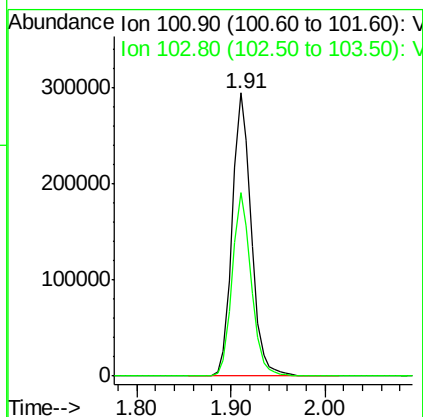
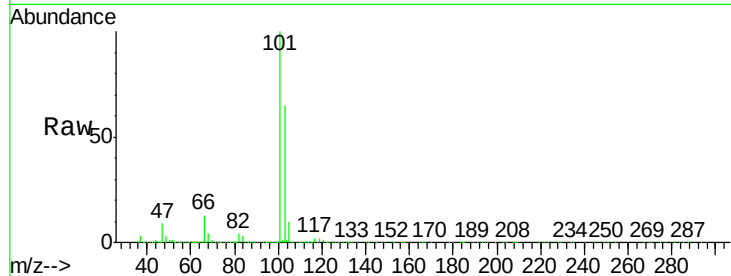
Trichlorofluoromethane
Concen: 51.738 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.7	76.1

Manual Integrations
APPROVED

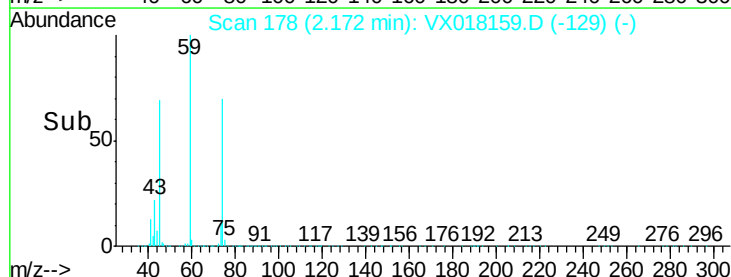
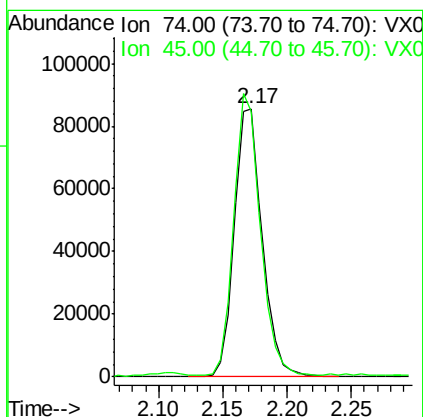
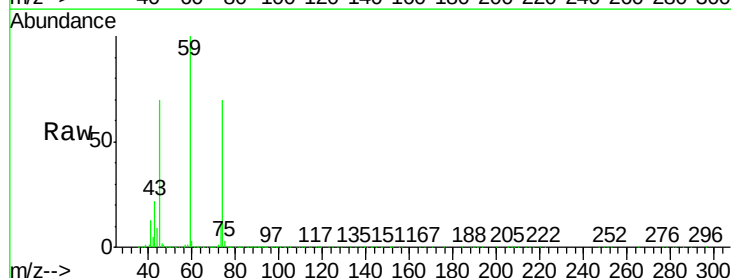
MMDadoda
9/1/2020 9:08:41 AM

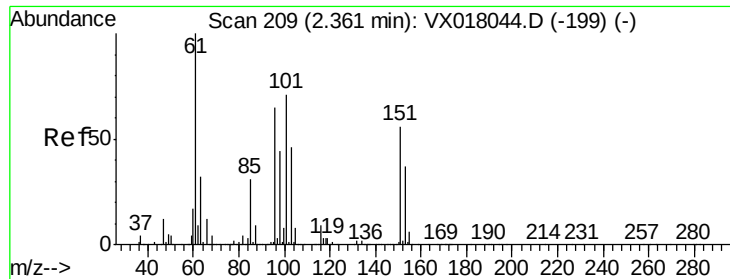


#8

Diethyl Ether
Concen: 47.473 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.2	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.957 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

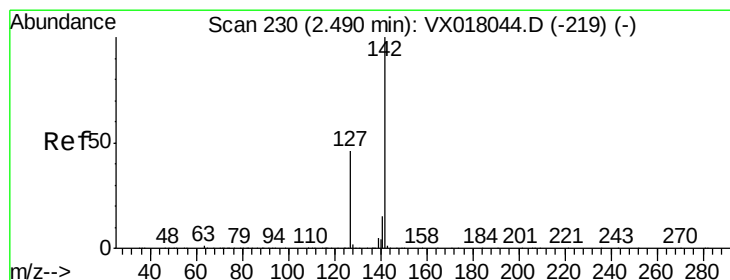
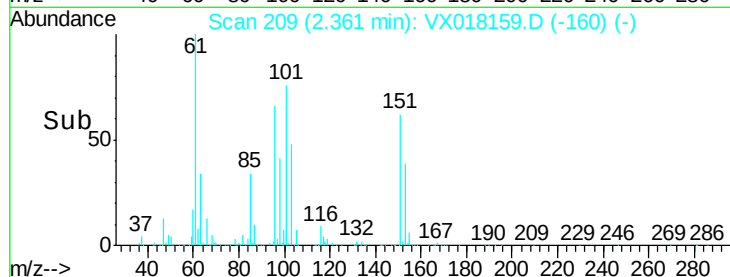
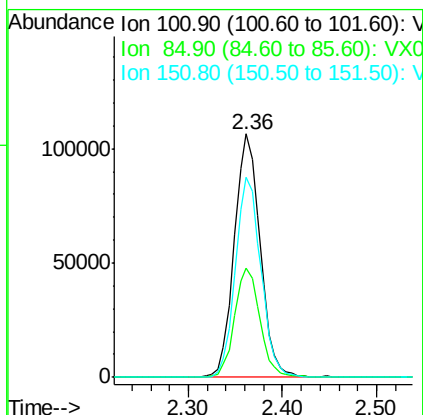
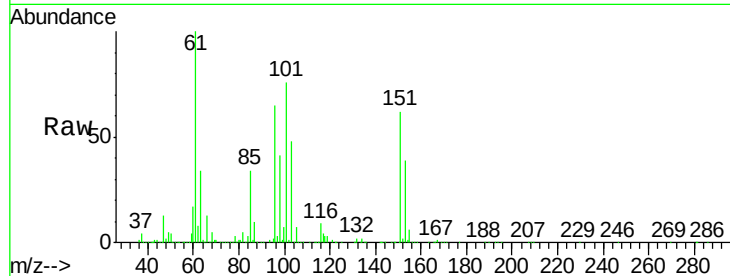
ClientSampleId :

GR-OF-20200827MSD

Tot Ion:	101	Resp:	202755
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.0	51.0
151	81.6	65.2	97.8

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#10

Methyl Iodide

Concen: 52.691 ug/l

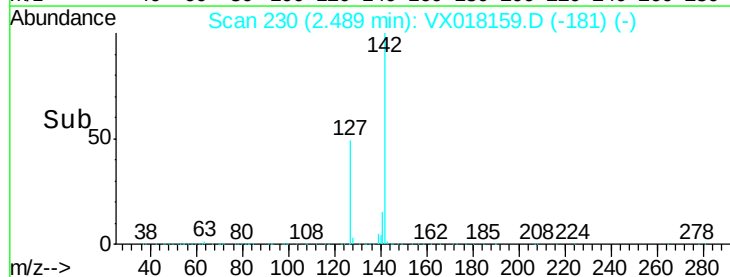
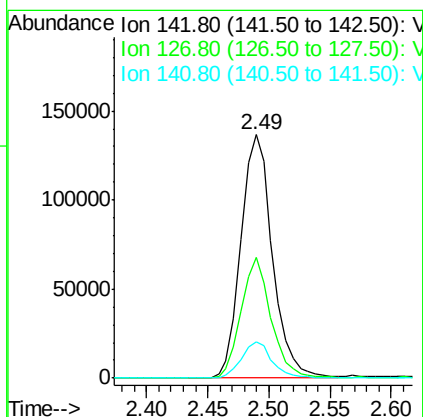
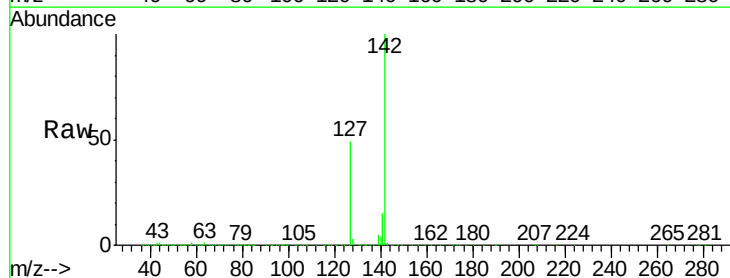
RT: 2.49 min Scan# 230

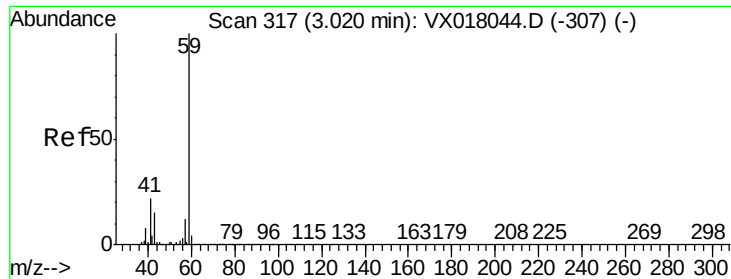
Delta R.T. 0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion:	142	Resp:	244888
Ion Ratio	Lower	Upper	
142	100		
127	47.2	37.0	55.6
141	14.7	11.5	17.3





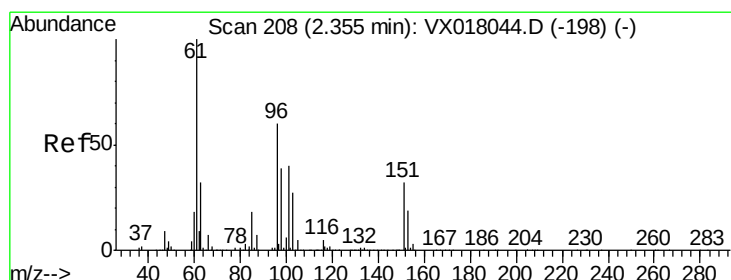
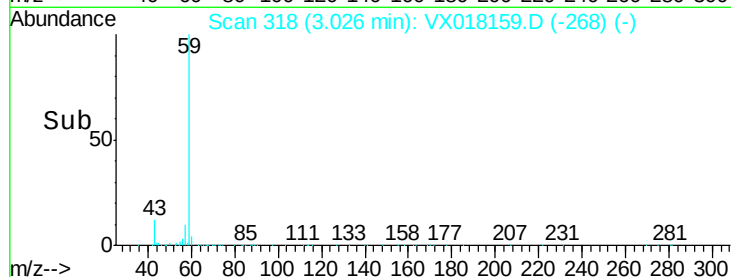
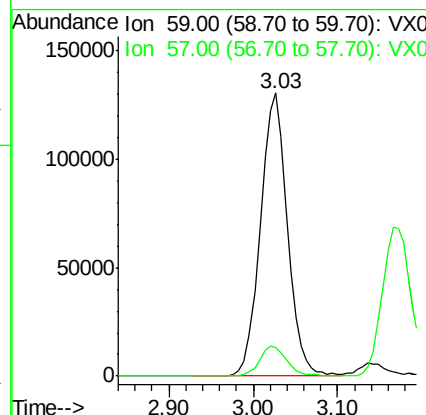
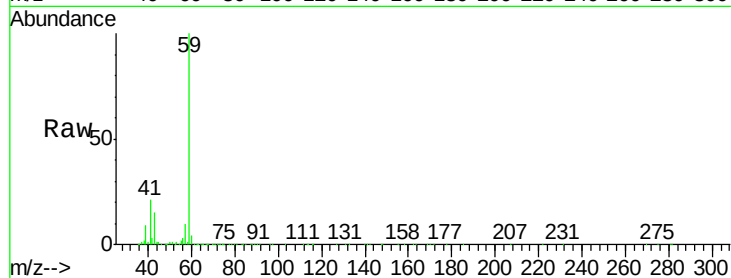
#11
Tert butyl alcohol
Concen: 233.226 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.01 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.9	13.3

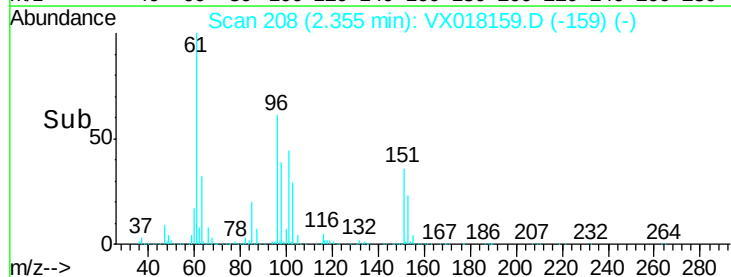
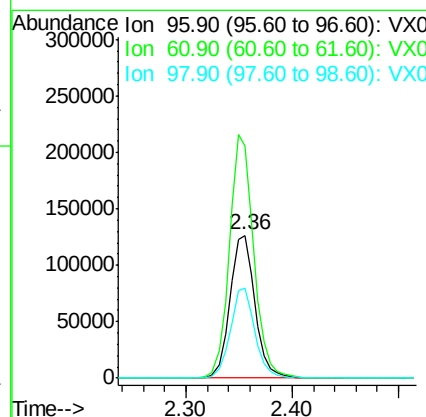
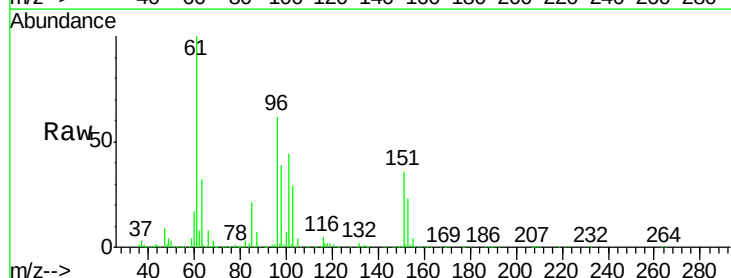
Manual Integrations
APPROVED

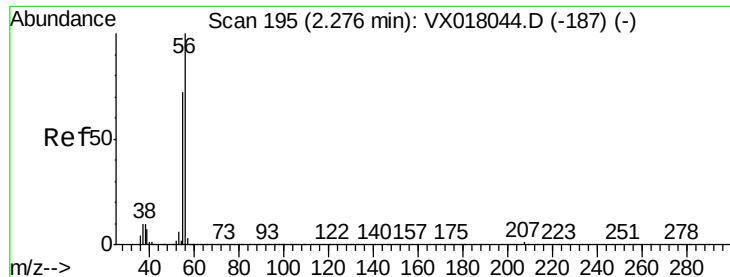
MMDadoda
9/1/2020 9:08:41 AM



#12
1,1-Dichloroethene
Concen: 46.178 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.5	133.0	199.4
98	63.0	51.6	77.4





#13

Acrolein

Concen: 294.407 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MSD

Tot Ion: 56 Resp: 151047

Ion Ratio Lower Upper

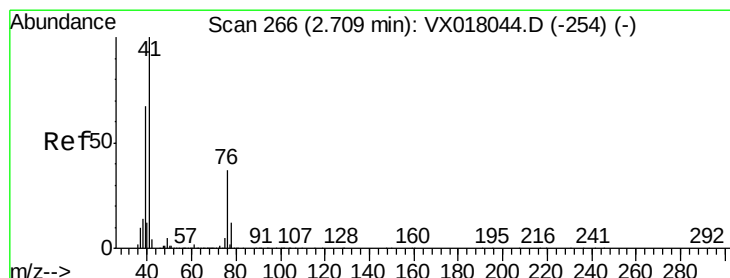
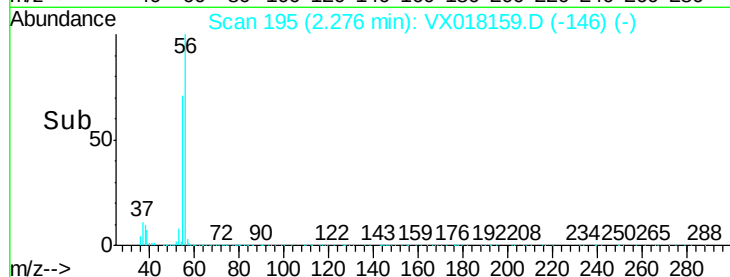
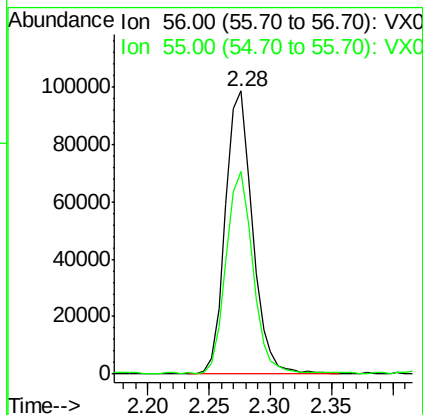
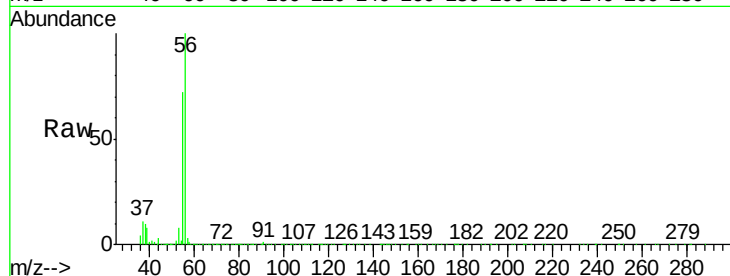
56 100

55 70.6 57.0 85.6

Manual Integrations
APPROVED

MMDadoda

9/1/2020 9:08:41 AM



#14

Allyl chloride

Concen: 46.604 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

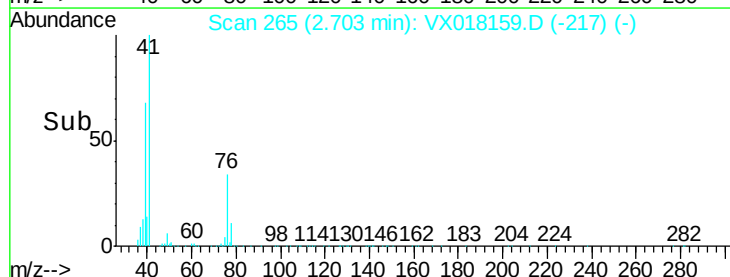
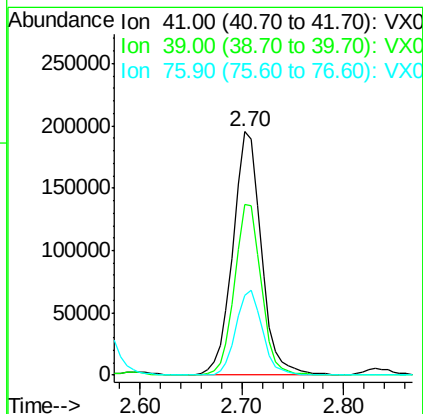
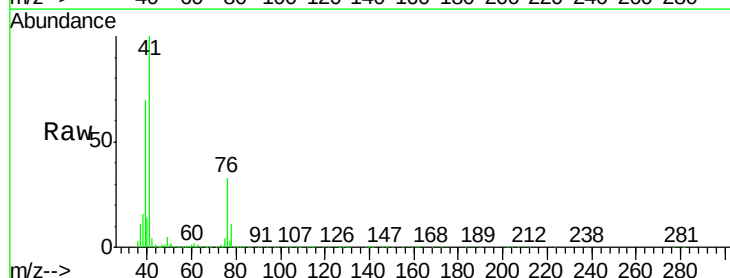
Tgt Ion: 41 Resp: 375087

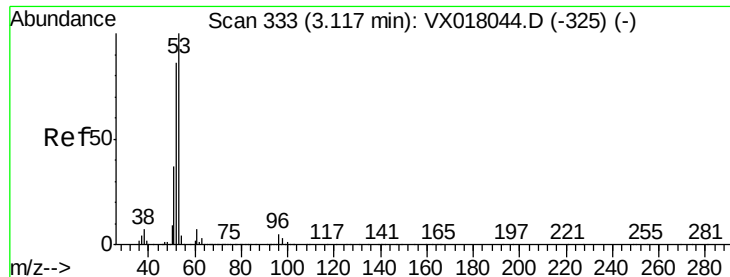
Ion Ratio Lower Upper

41 100

39 65.6 50.6 76.0

76 32.4 26.2 39.2





#15

Acrylonitrile

Concen: 228.027 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

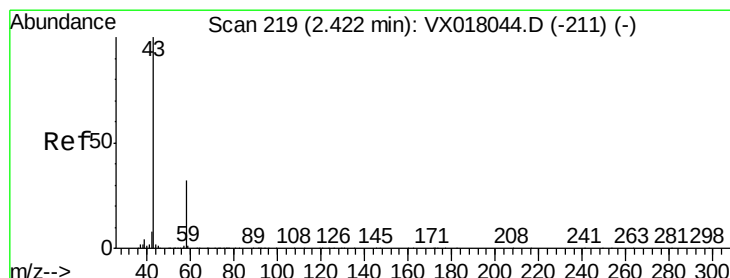
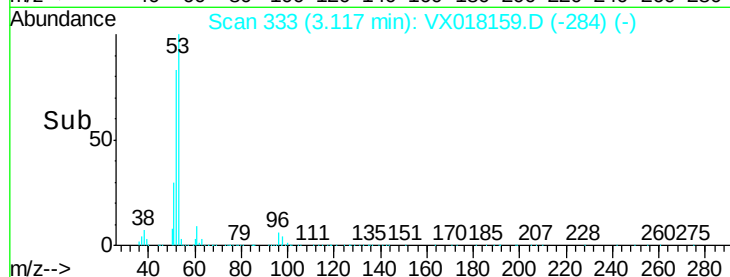
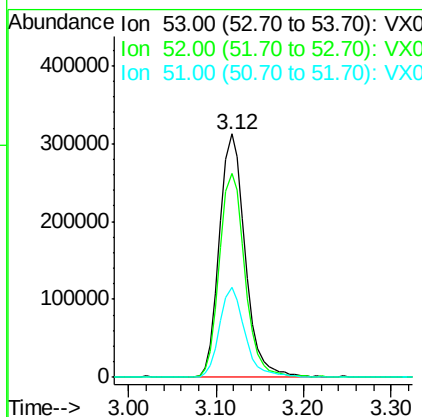
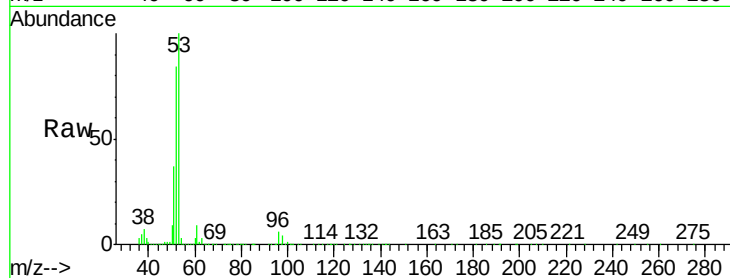
ClientSampleId :

GR-OF-20200827MSD

Tot Ion:	53	Resp:	640018
Ion Ratio		Lower	Upper
53	100		
52	82.7	66.9	100.3
51	36.3	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#16

Acetone

Concen: 233.584 ug/l

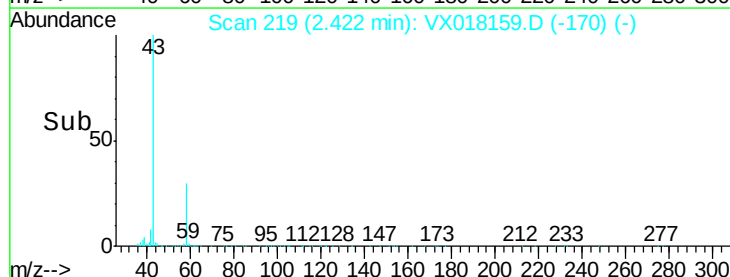
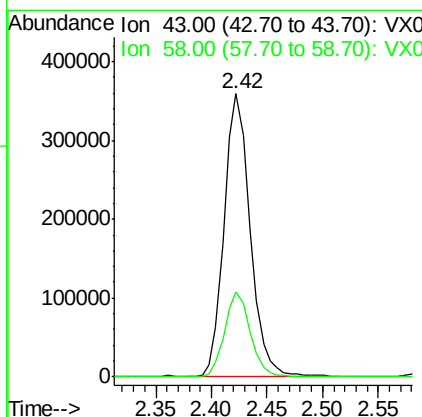
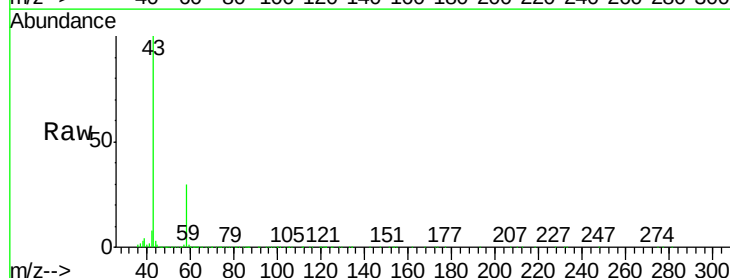
RT: 2.42 min Scan# 219

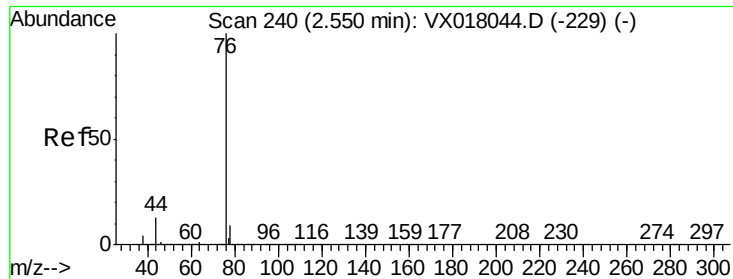
Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion:	43	Resp:	579219
Ion Ratio		Lower	Upper
43	100		
58	29.9	25.5	38.3





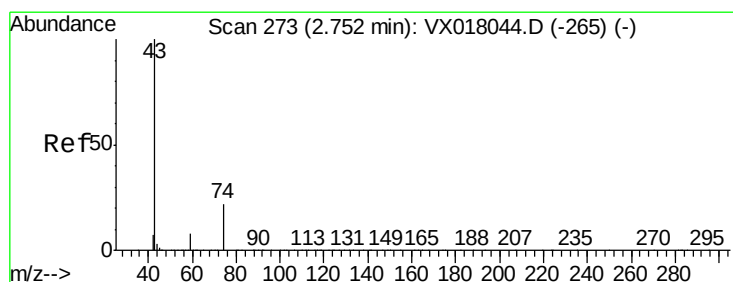
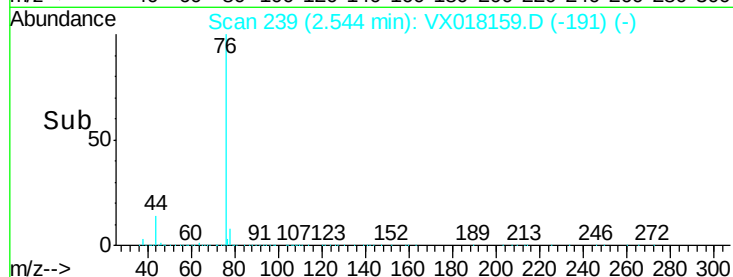
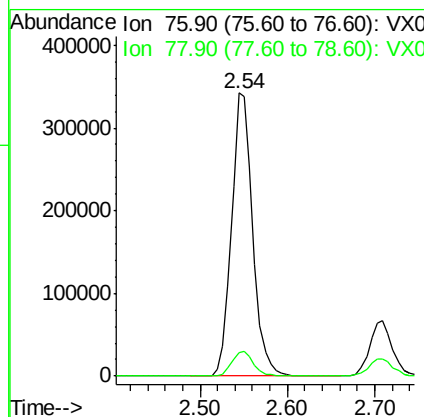
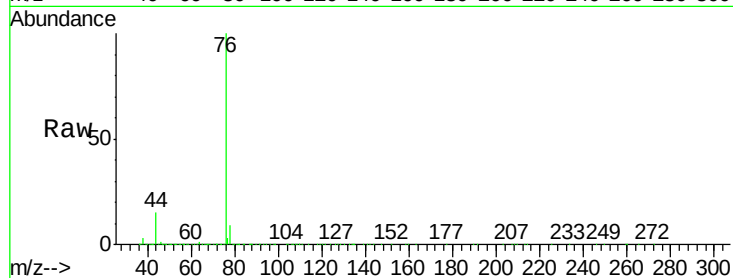
#17
Carbon Disulfide
Concen: 42.584 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.4	11.0

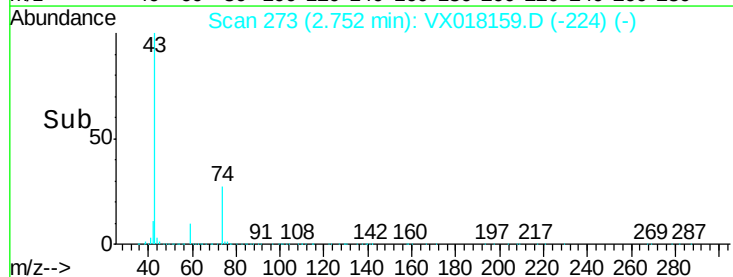
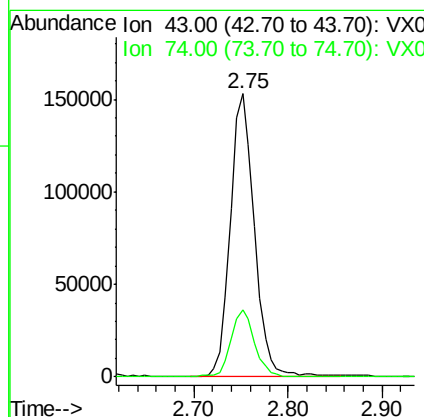
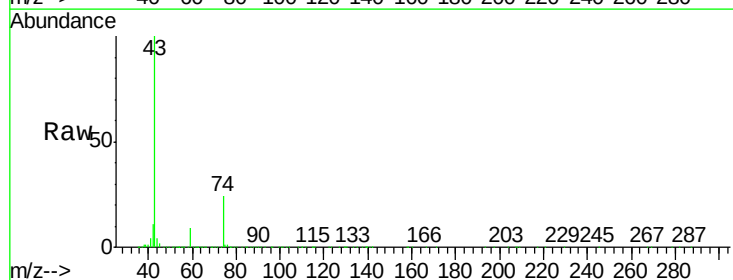
Manual Integrations
APPROVED

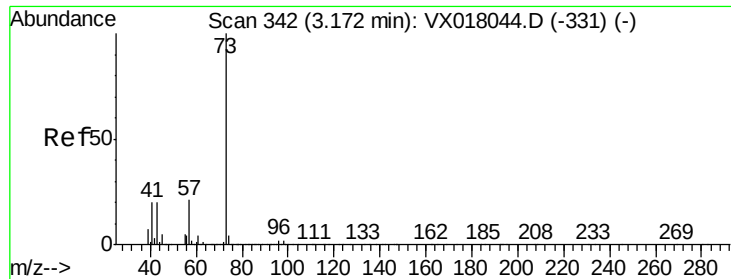
MMDadoda
9/1/2020 9:08:41 AM



#18
Methyl Acetate
Concen: 45.050 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	18.2	27.4





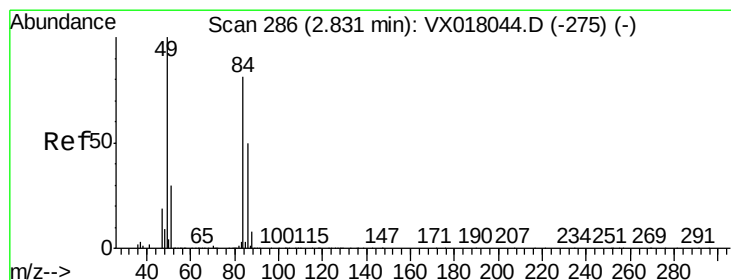
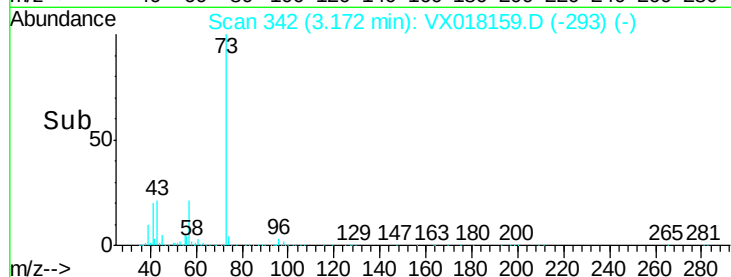
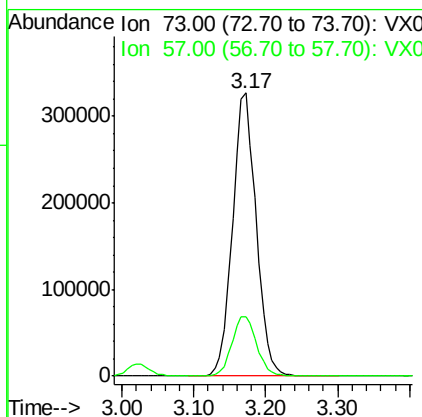
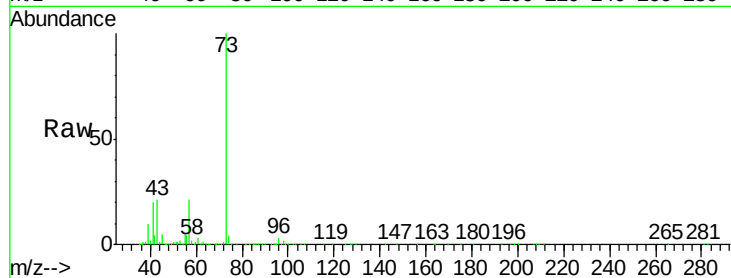
#19
Methyl tert-butyl Ether
Concen: 48.581 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

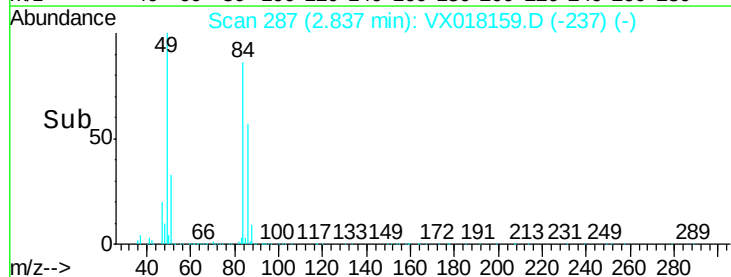
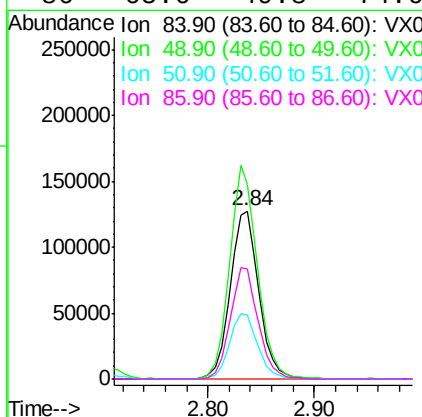
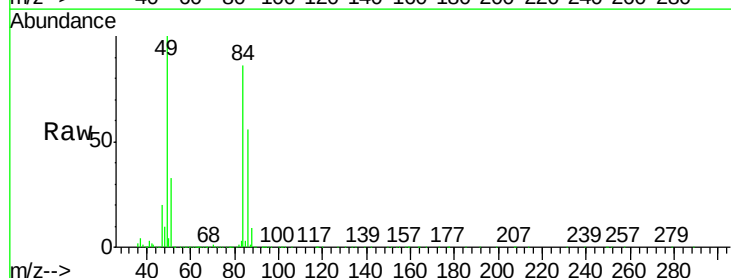
Manual Integrations
APPROVED

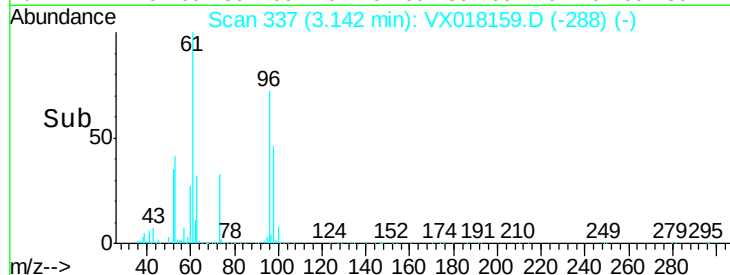
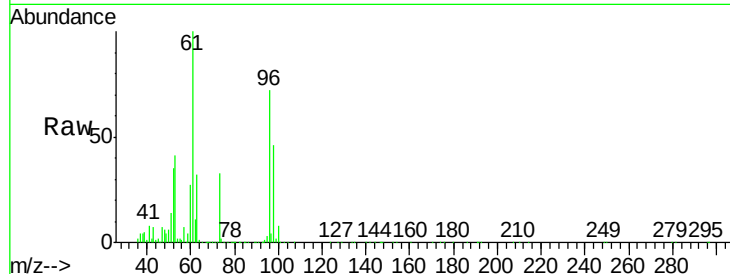
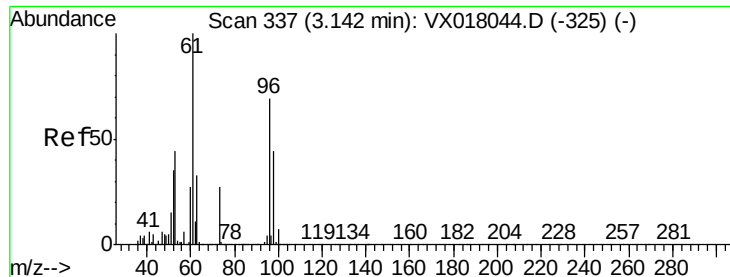
MMDadoda
9/1/2020 9:08:41 AM



#20
Methylene Chloride
Concen: 47.106 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	98.6	148.0
51	38.5	29.6	44.4
86	65.6	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 45.643 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018159.D

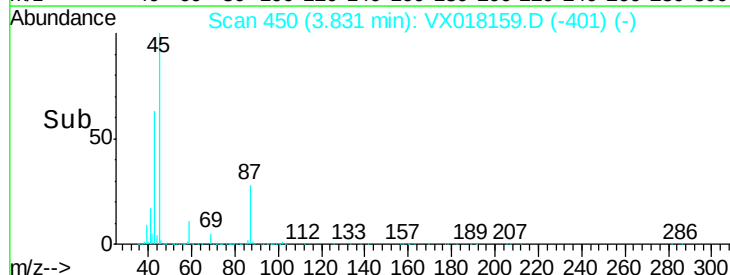
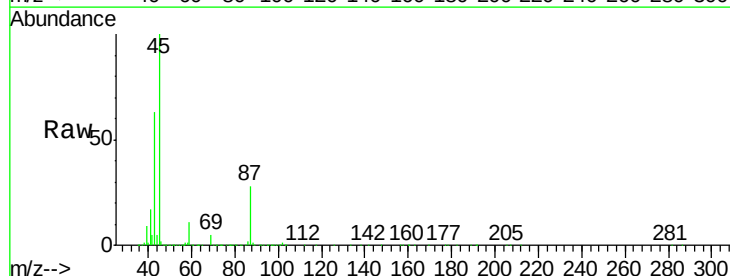
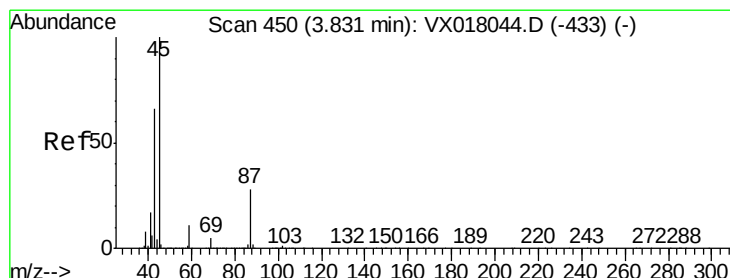
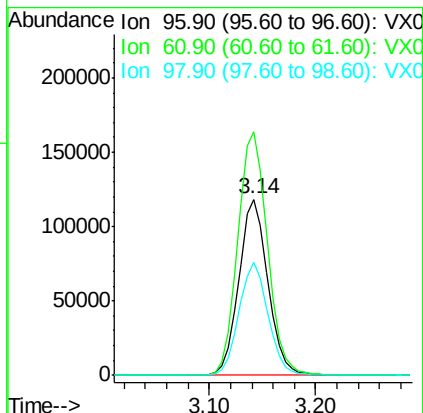
Acq: 31 Aug 2020 19:42

Tot Ion:	96	Resp:	226532
Ion Ratio	Lower	Upper	
96	100		
61	138.4	115.4	173.0
98	64.1	51.1	76.7

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#22

Diisopropyl ether

Concen: 46.287 ug/l

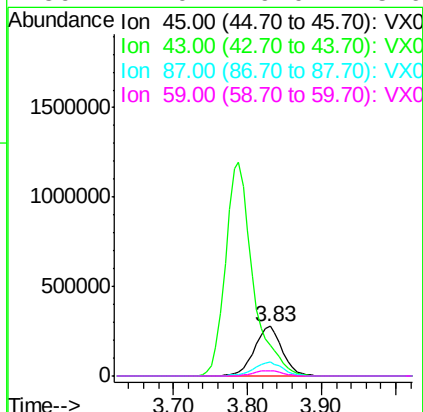
RT: 3.83 min Scan# 450

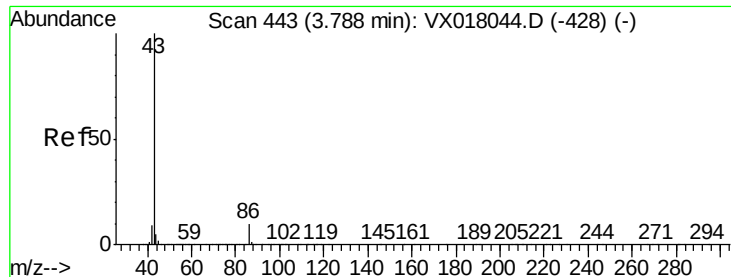
Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion:	45	Resp:	735274
Ion Ratio	Lower	Upper	
45	100		
43	63.2	52.8	79.2
87	27.7	22.5	33.7
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 217.537 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tot Ion: 43 Resp: 3074805

Ion Ratio Lower Upper

43 100

86 10.2 7.9 11.9

Instrument :

MSVOA_X

ClientSampleId :

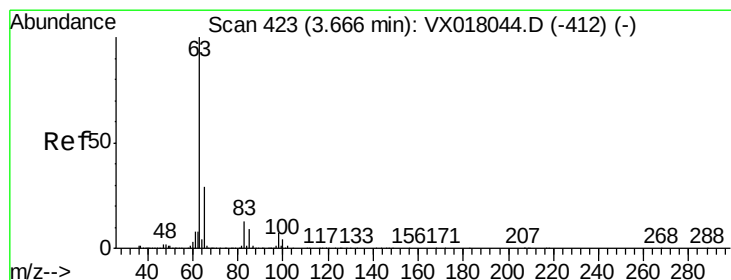
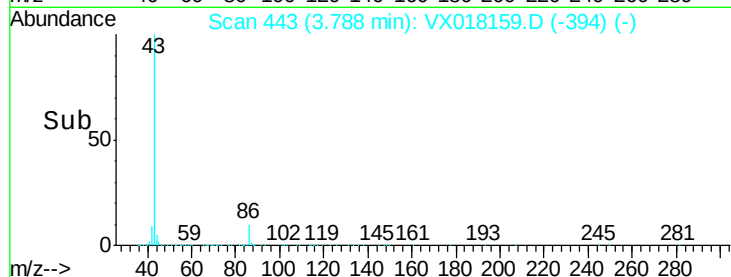
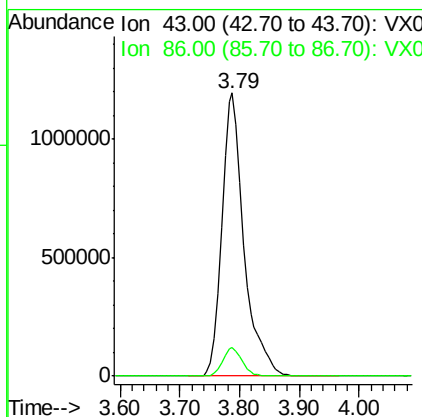
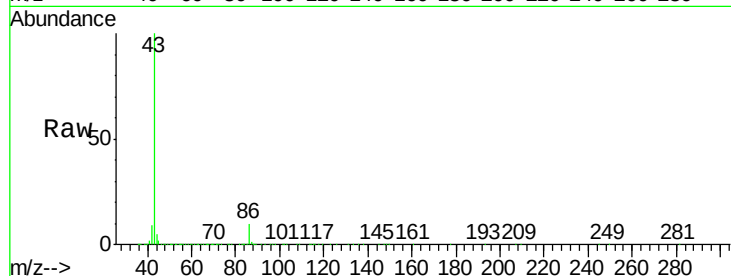
GR-OF-20200827MSD

Manual Integrations

APPROVED

MMDadoda

9/1/2020 9:08:41 AM



#24

1,1-Dichloroethane

Concen: 46.190 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

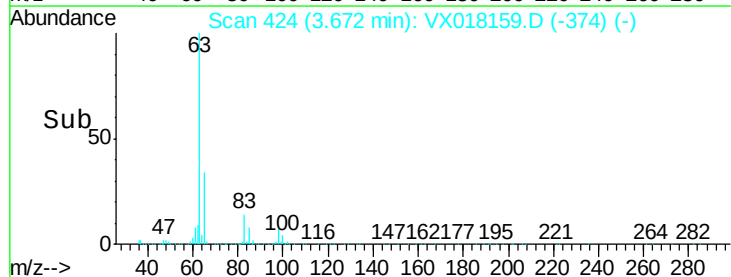
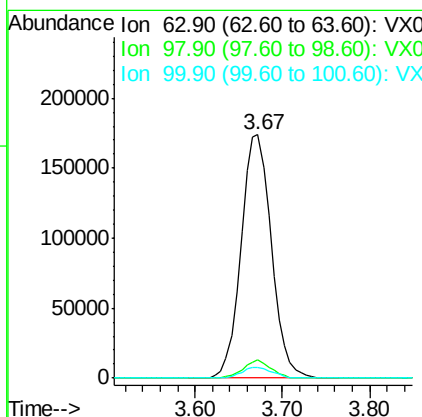
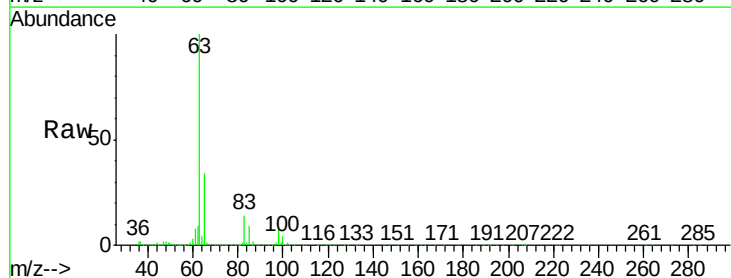
Tgt Ion: 63 Resp: 417674

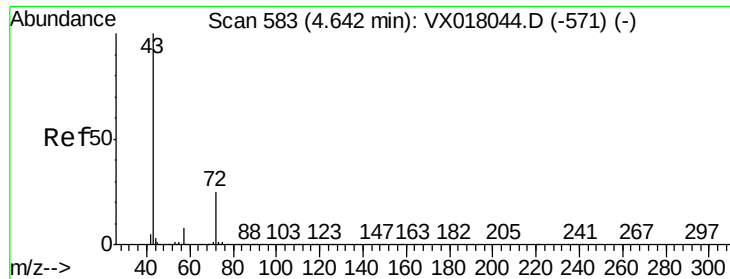
Ion Ratio Lower Upper

63 100

98 7.5 3.6 10.8

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 218.901 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tot Ion: 43 Resp: 892089

Ion Ratio Lower Upper

43 100

72 24.9 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

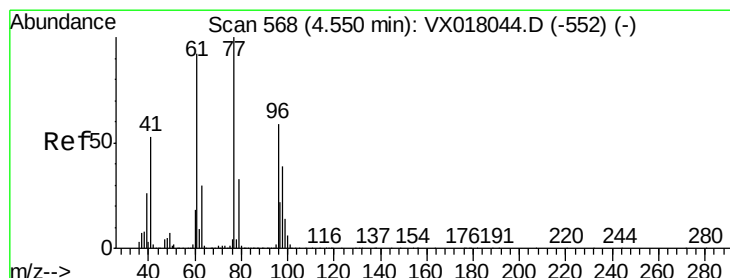
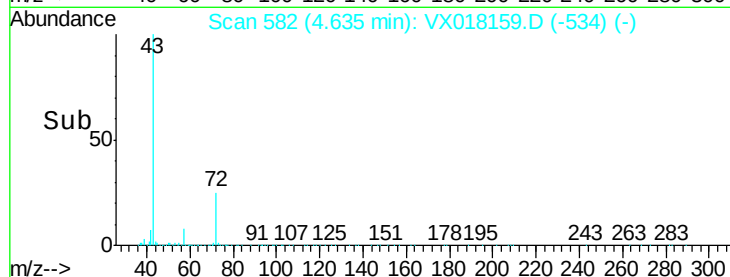
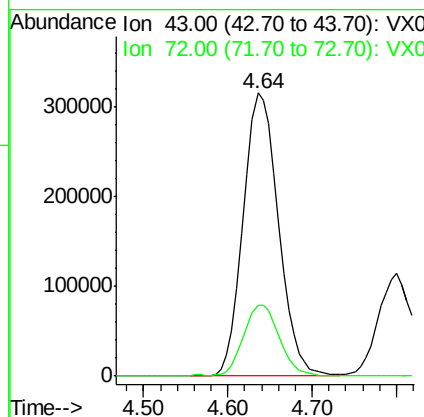
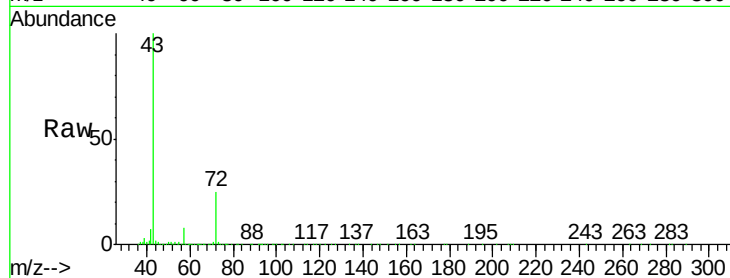
GR-OF-20200827MSD

Manual Integrations

APPROVED

MMDadoda

9/1/2020 9:08:41 AM



#26

2,2-Dichloropropane

Concen: 43.843 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018159.D

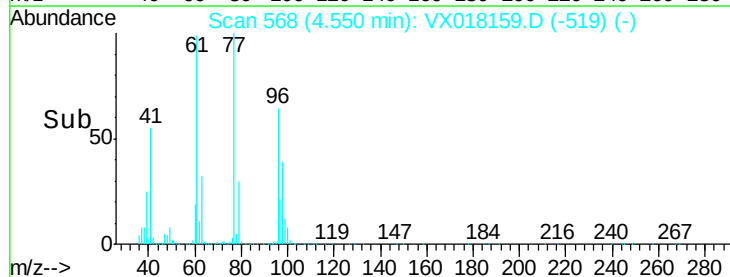
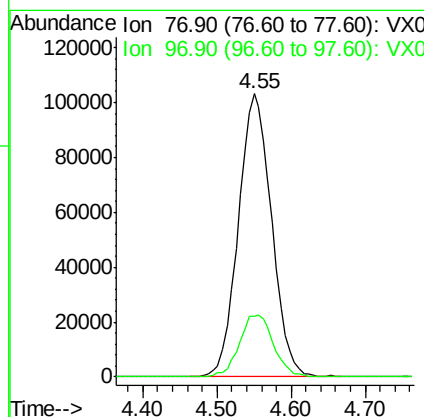
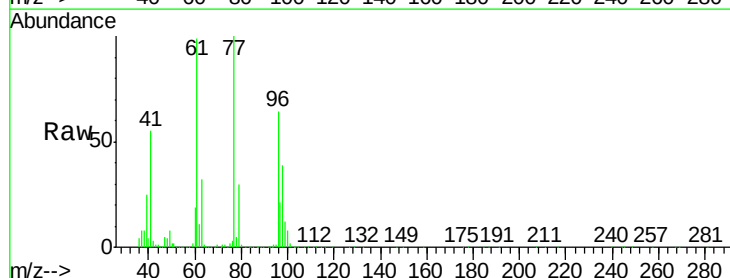
Acq: 31 Aug 2020 19:42

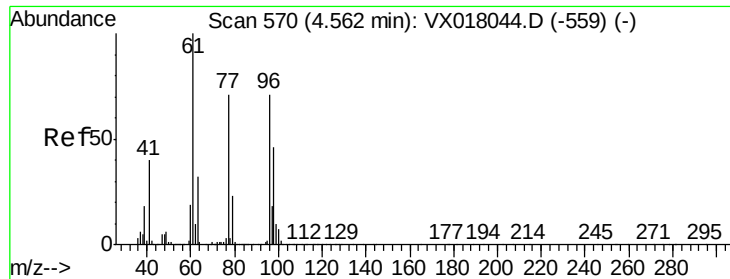
Tgt Ion: 77 Resp: 322565

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.5





#27

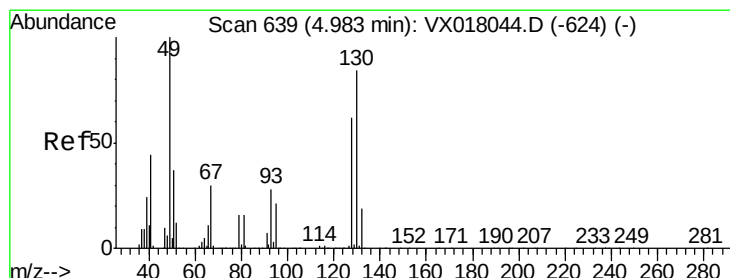
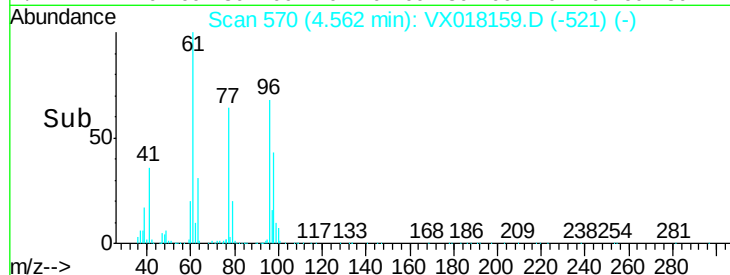
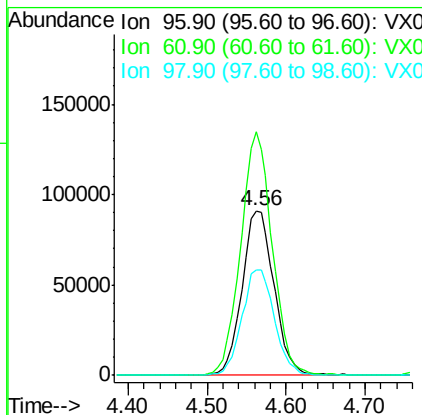
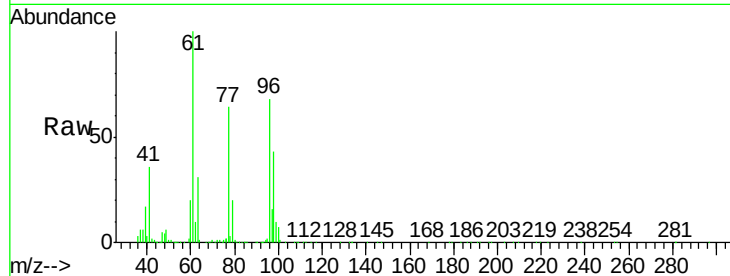
cis-1,2-Dichloroethene
Concen: 44.746 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	255876		
61	146.5	0.0	296.6	
98	65.3	0.0	130.2	

Manual Integrations
APPROVED

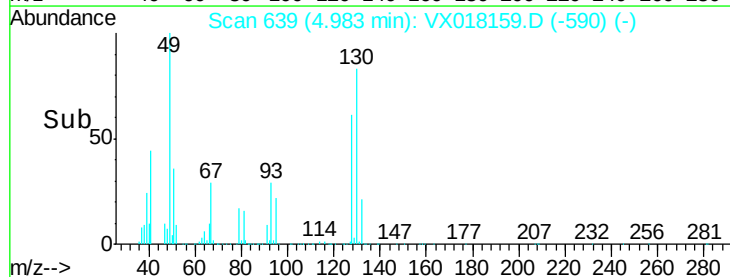
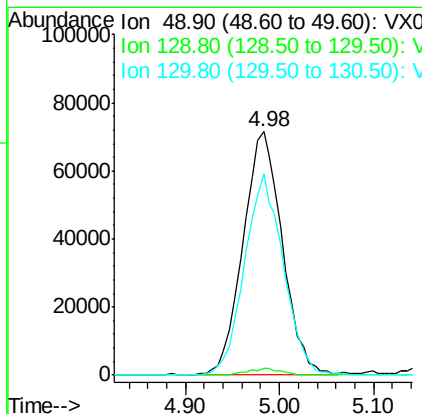
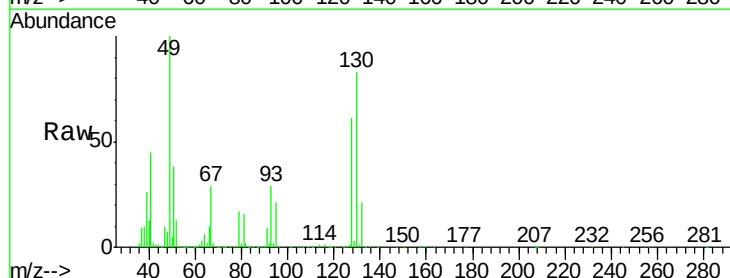
MMDadoda
9/1/2020 9:08:41 AM

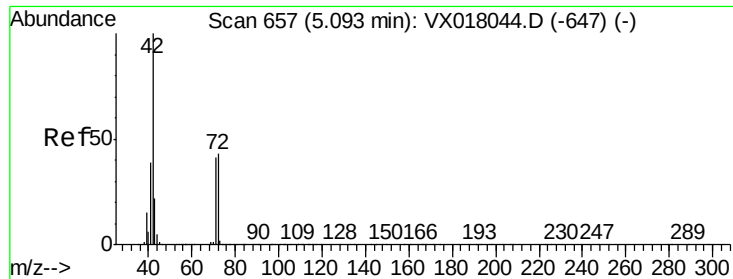


#28

Bromochloromethane
Concen: 47.735 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	208349		
129	2.3	0.0	4.6	
130	81.8	64.6	96.8	





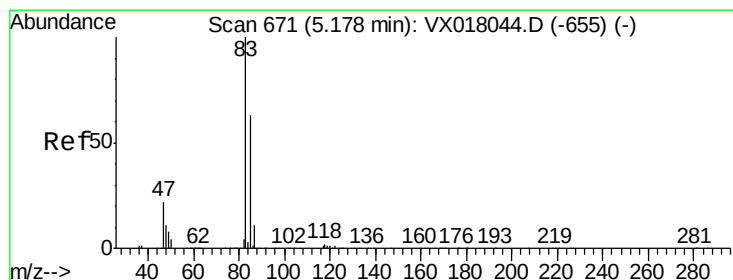
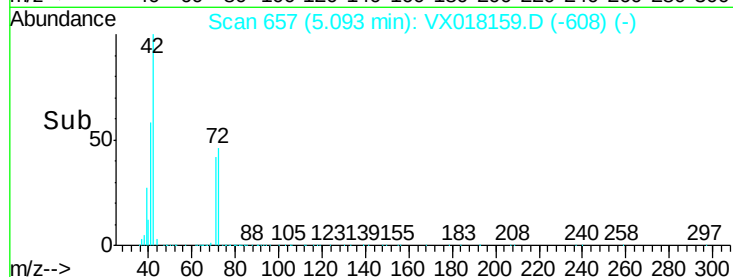
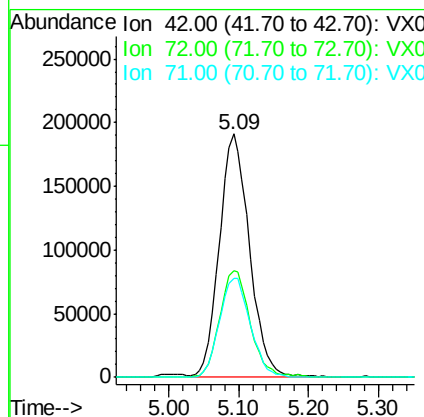
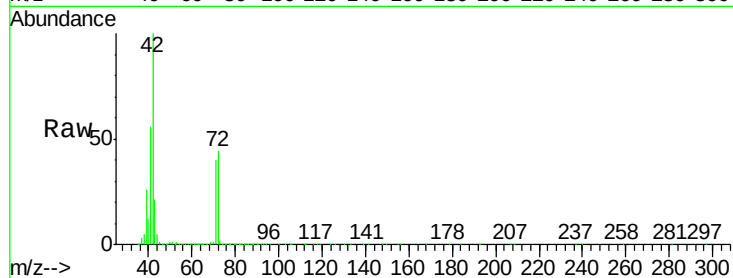
#29
Tetrahydrofuran
Concen: 218.828 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.9	34.2	51.4
71	42.2	32.1	48.1

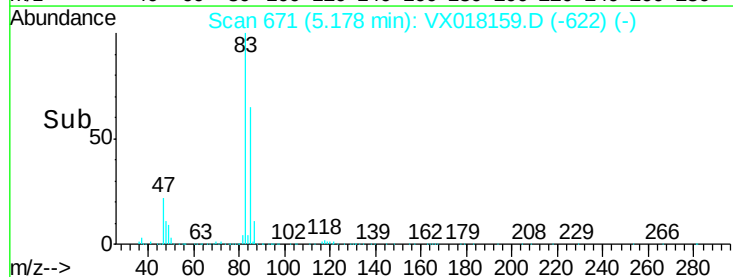
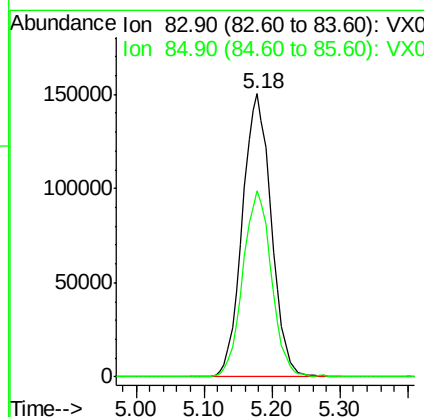
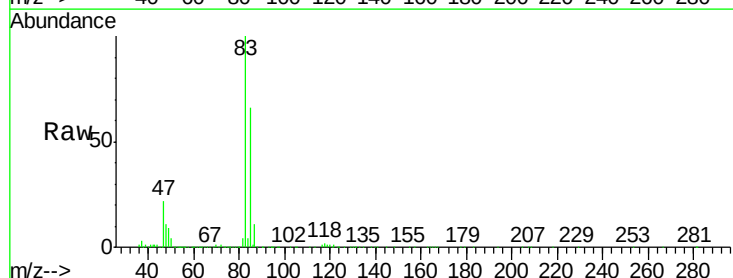
Manual Integrations
APPROVED

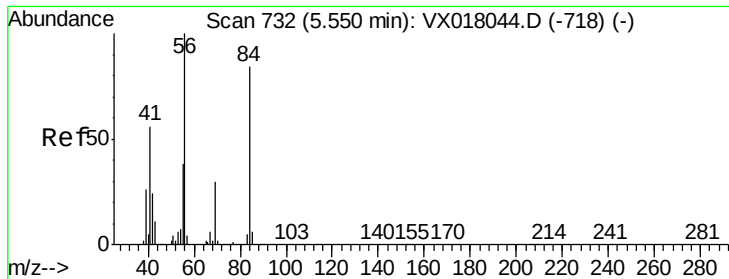
MMDadoda
9/1/2020 9:08:41 AM



#30
Chloroform
Concen: 47.386 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	50.7	76.1





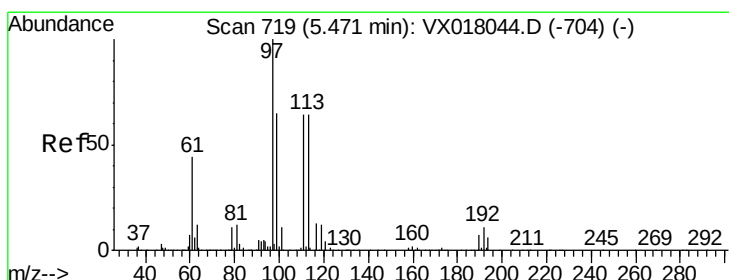
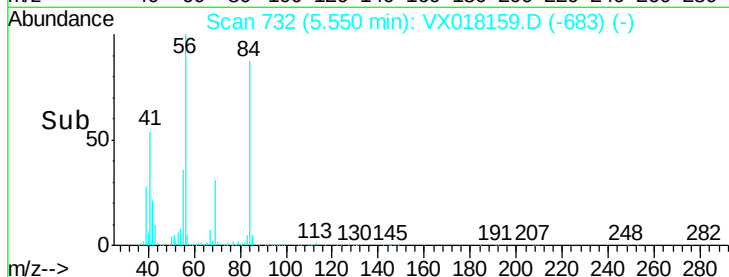
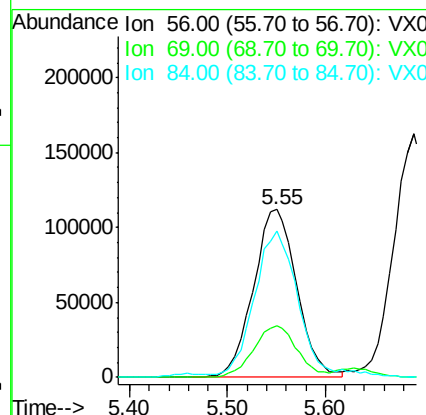
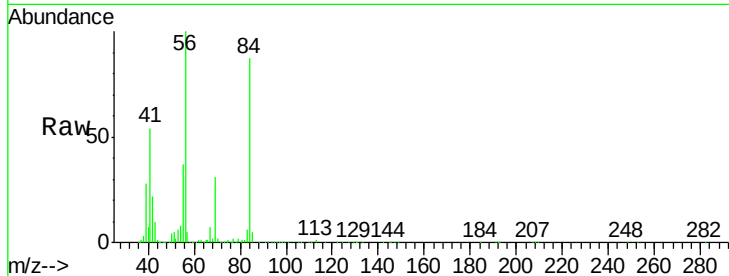
#31
Cyclohexane
Concen: 45.164 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	23.9	35.9
84	85.2	67.0	100.4

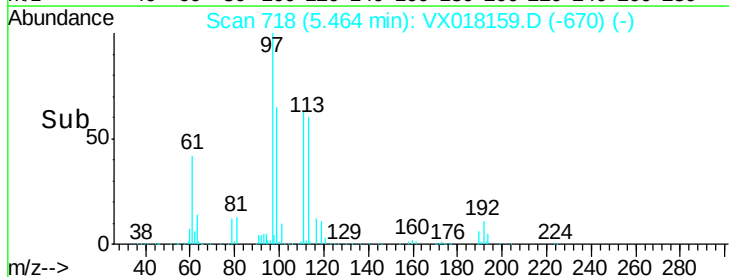
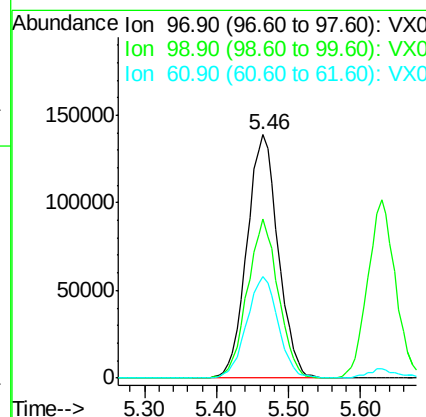
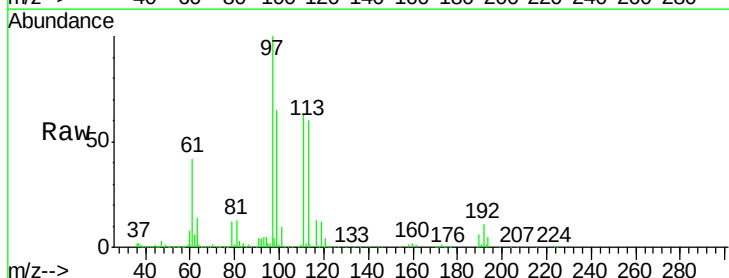
Manual Integrations
APPROVED

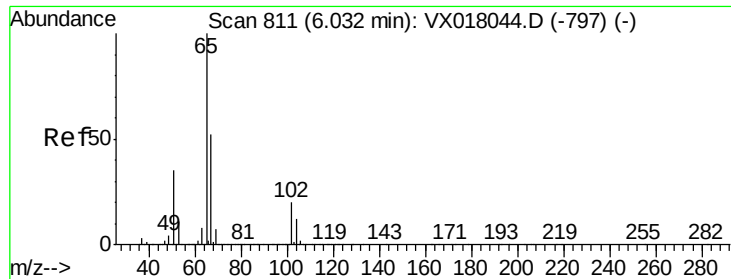
MMDadoda
9/1/2020 9:08:41 AM



#32
1,1,1-Trichloroethane
Concen: 48.655 ug/l
RT: 5.46 min Scan# 719
Delta R.T. -0.01 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	42.1	34.2	51.4





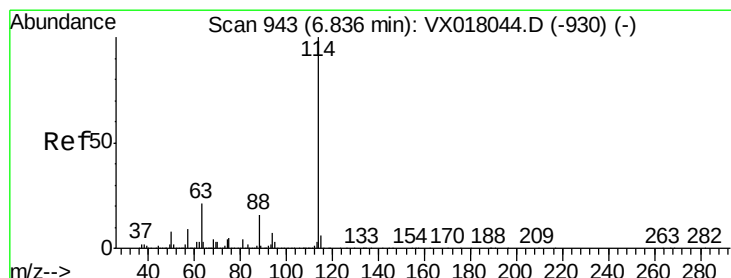
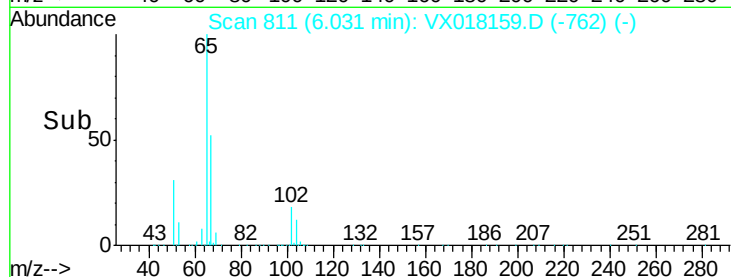
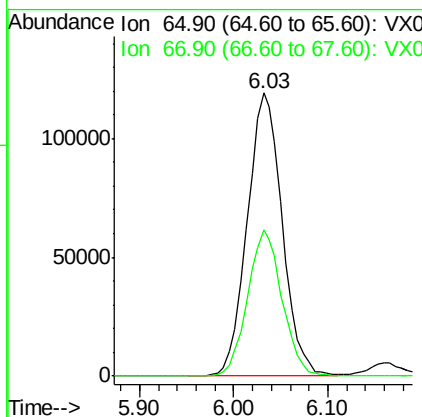
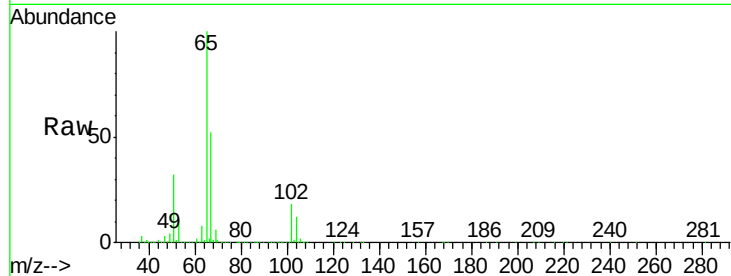
#33
 1,2-Dichloroethane-d4
 Concen: 48.704 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100	309938		
67	51.0	0.0	105.8	

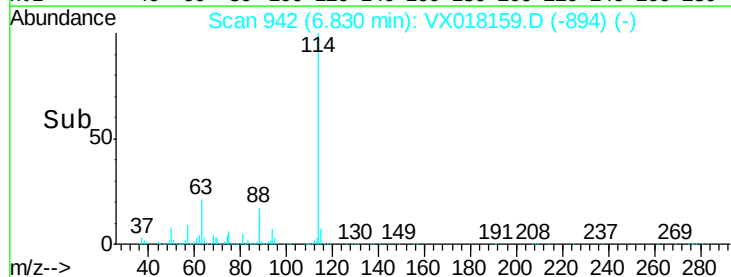
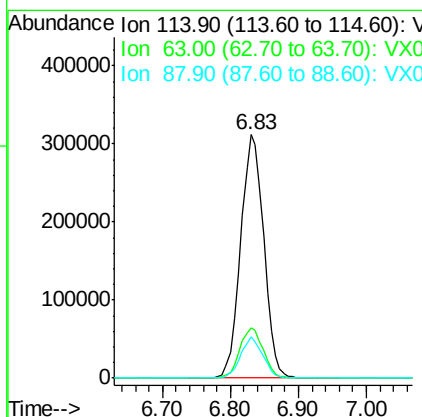
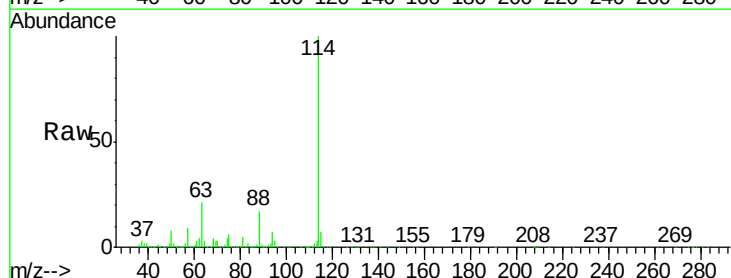
Manual Integrations
 APPROVED

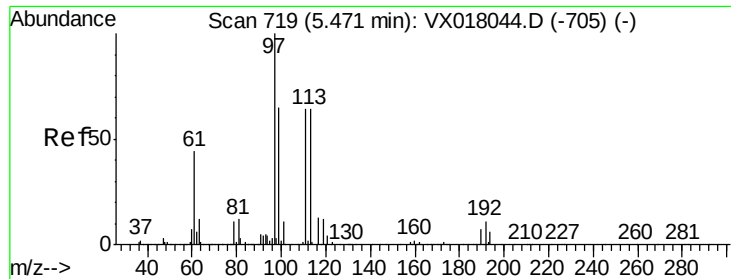
MMDadoda
 9/1/2020 9:08:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	736637		
63	20.6	0.0	42.6	
88	16.8	0.0	31.8	





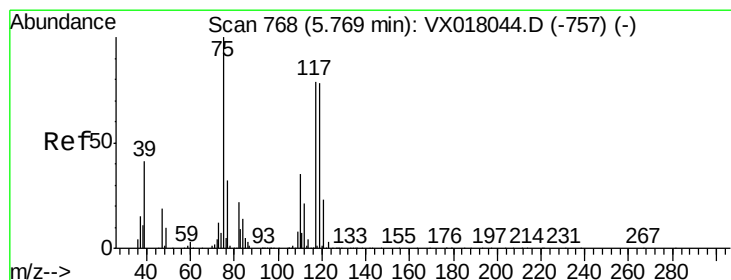
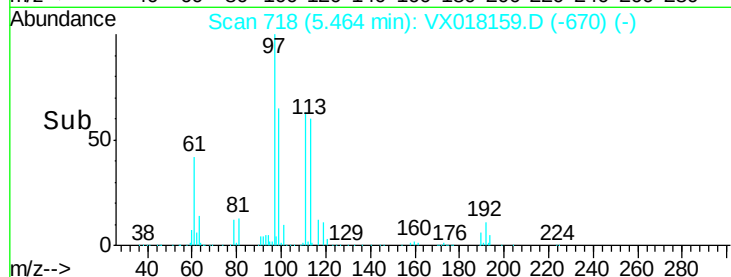
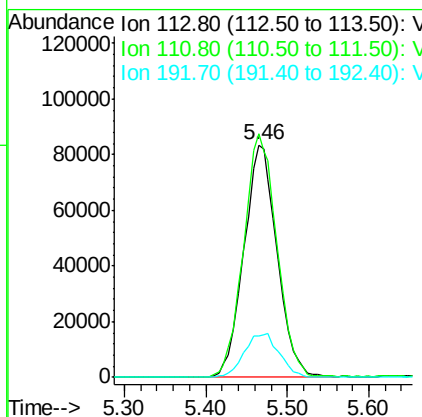
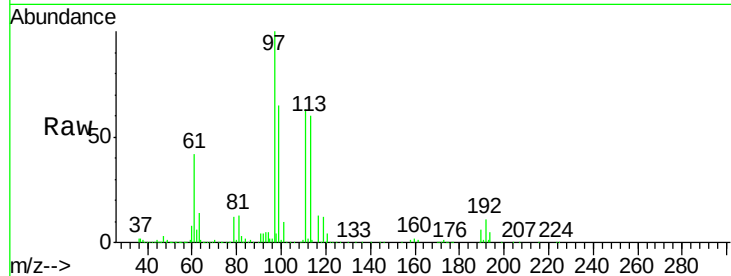
#35
 Dibromofluoromethane
 Concen: 47.095 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	236271		
111	105.4	81.6	122.4	
192	20.1	15.8	23.8	

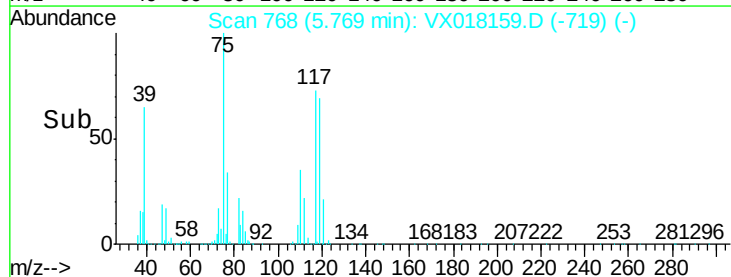
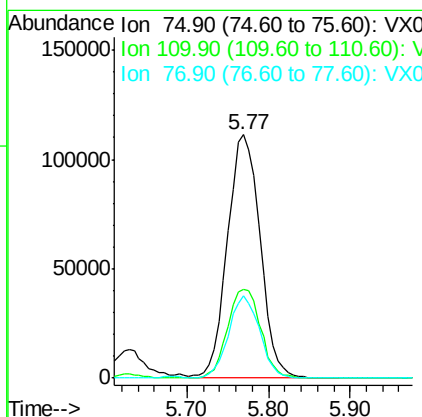
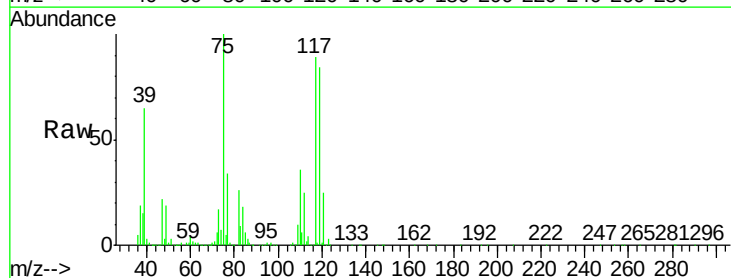
Manual Integrations
 APPROVED

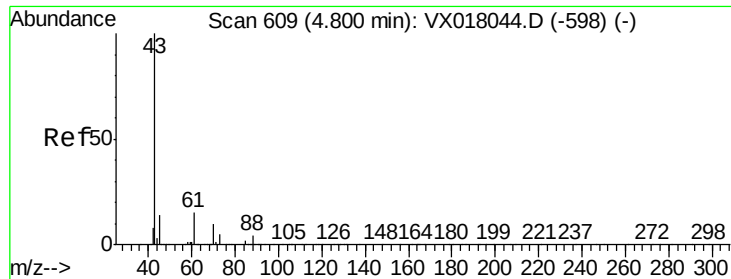
MMDadoda
 9/1/2020 9:08:41 AM



#36
 1,1-Dichloropropene
 Concen: 45.307 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	307832		
110	37.0	18.0	54.0	
77	32.1	24.4	36.6	





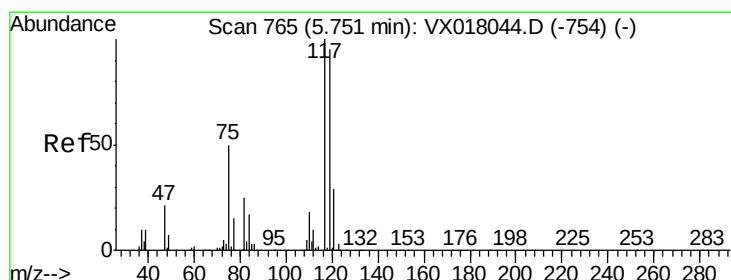
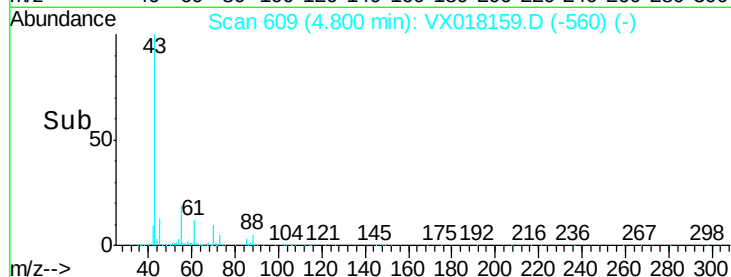
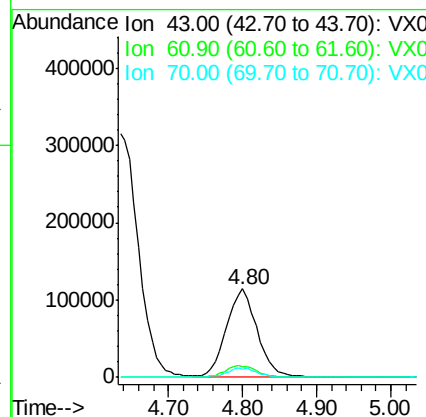
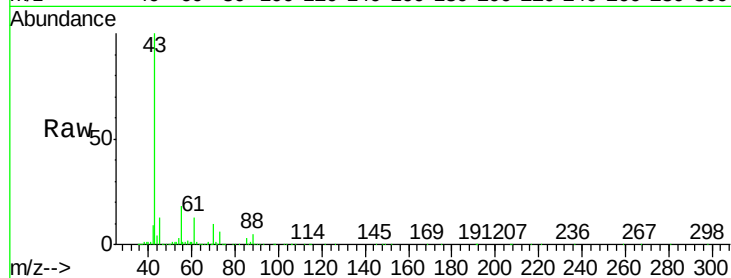
#37
Ethyl Acetate
Concen: 41.771 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	43	Resp	329628
Ion Ratio	Lower	Upper	
43	100		
61	14.1	11.3	16.9
70	10.7	8.2	12.4

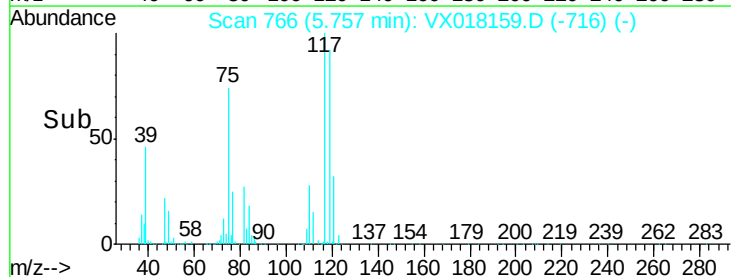
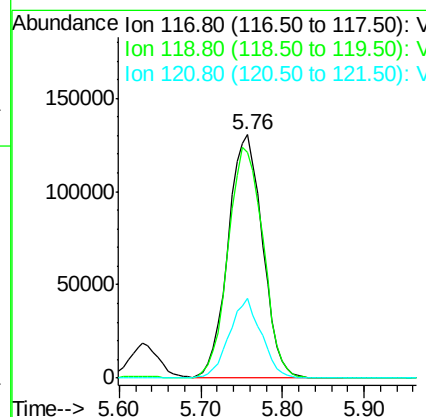
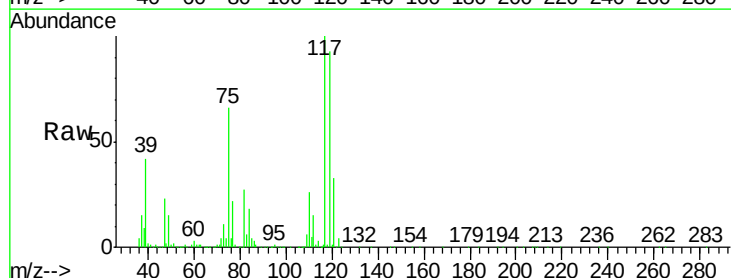
Manual Integrations
APPROVED

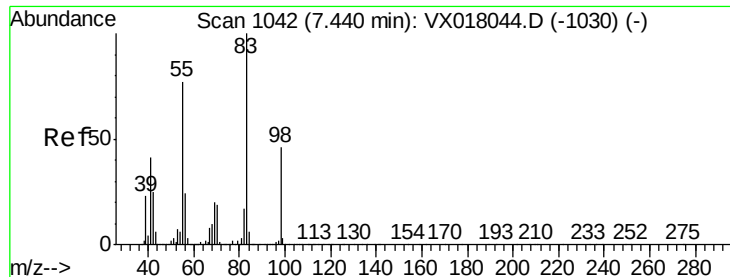
MMDadoda
9/1/2020 9:08:41 AM



#38
Carbon Tetrachloride
Concen: 49.633 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	117	Resp	380037
Ion Ratio	Lower	Upper	
117	100		
119	92.6	75.8	113.6
121	32.6	23.4	35.0





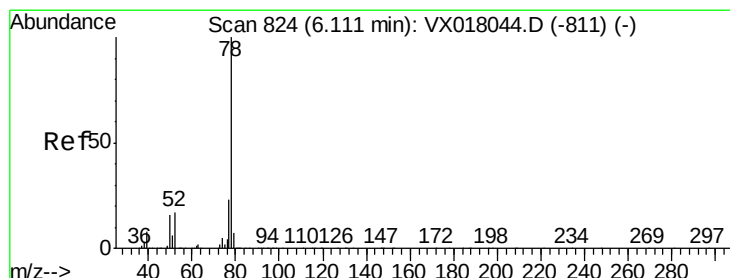
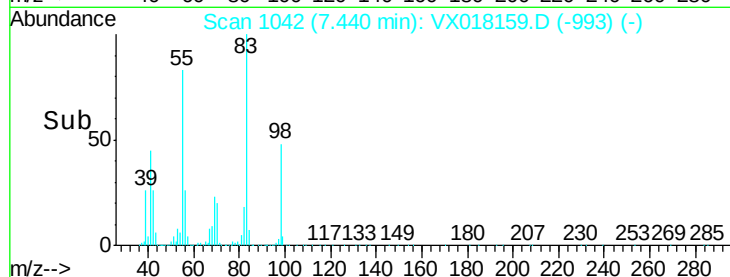
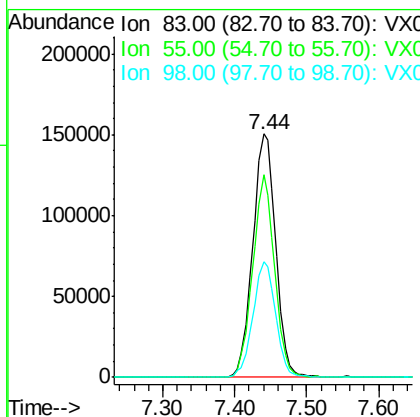
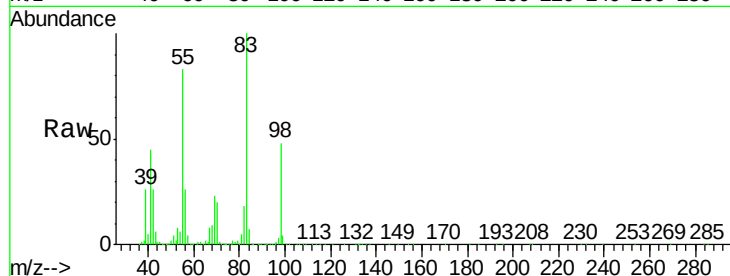
#39
Methylvlcyclohexane
Concen: 45.015 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	61.8	92.6
98	47.6	36.6	55.0

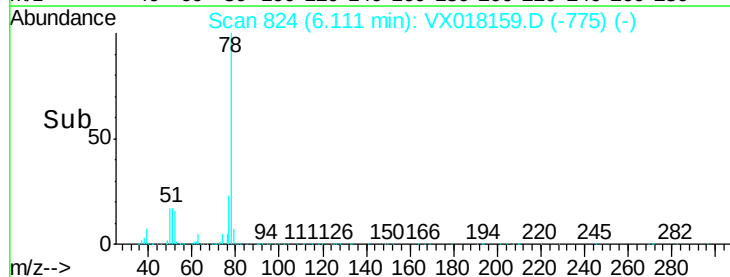
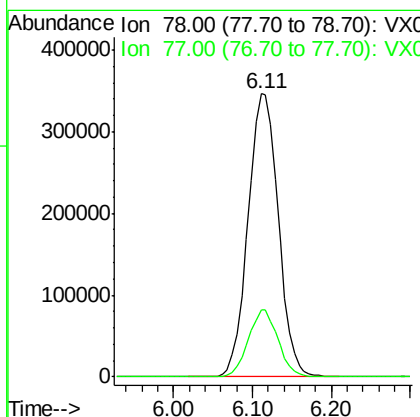
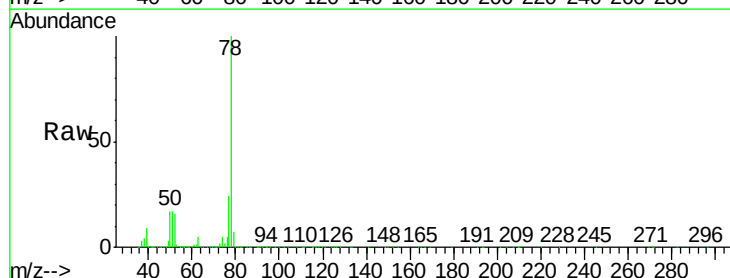
Manual Integrations
APPROVED

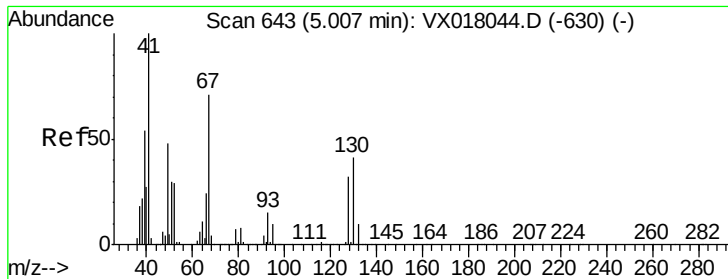
MMDadoda
9/1/2020 9:08:41 AM



#40
Benzene
Concen: 46.334 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.2	27.2





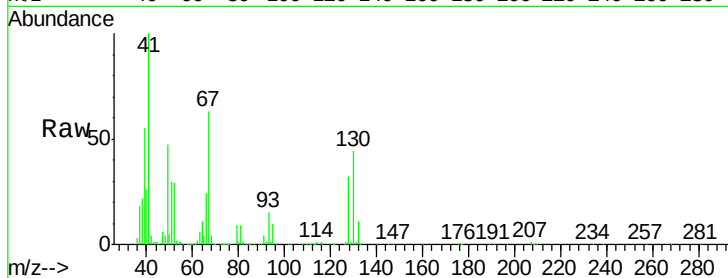
#41
Methacrylonitrile
Concen: 45.019 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

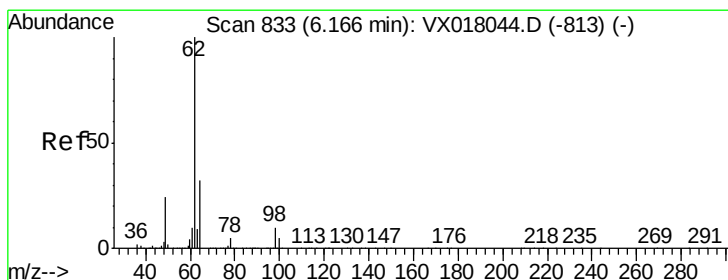
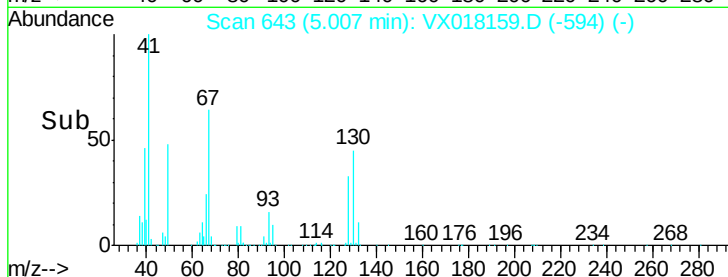
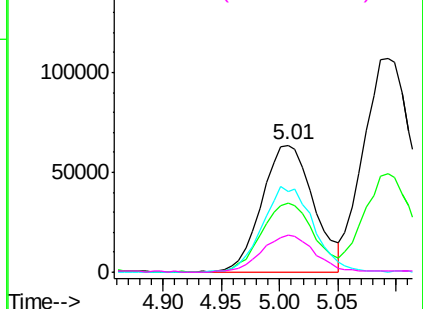
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		195063		
39	55.1	43.1	64.7		
67	68.0	56.0	84.0		
52	28.8	22.7	34.1		

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM

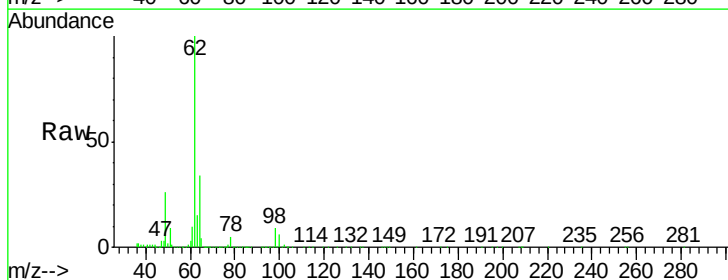


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

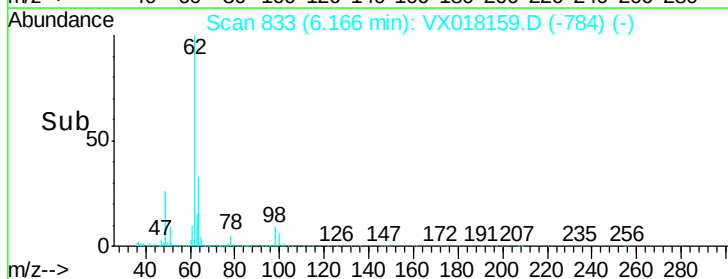
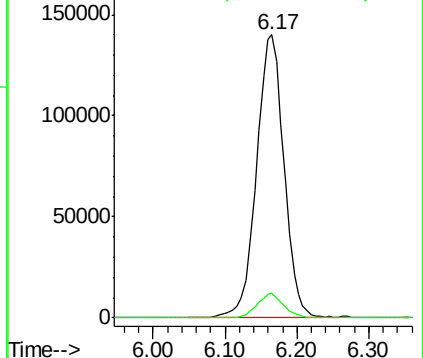


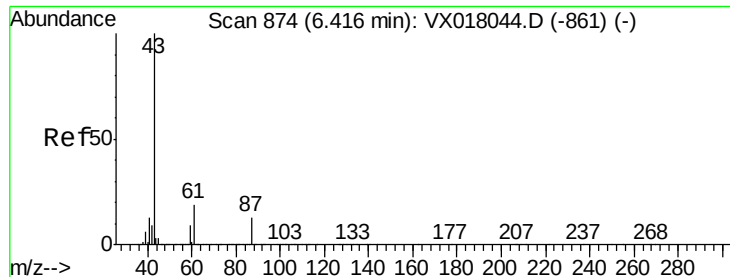
#42
1,2-Dichloroethane
Concen: 48.468 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		370741		
98	8.5	0.0	18.2		



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





#43

Isopropyl Acetate

Concen: 42.892 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

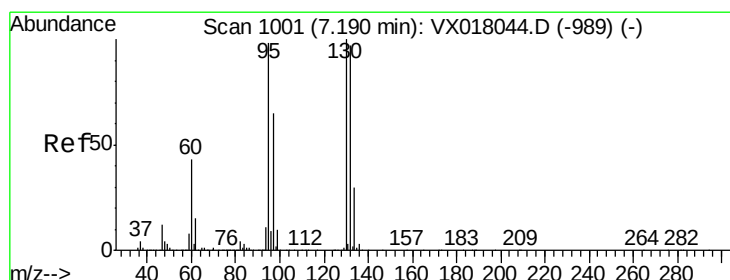
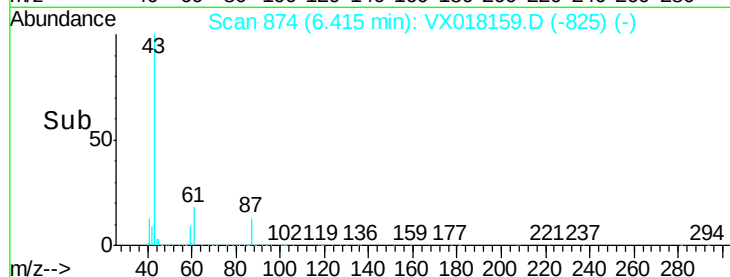
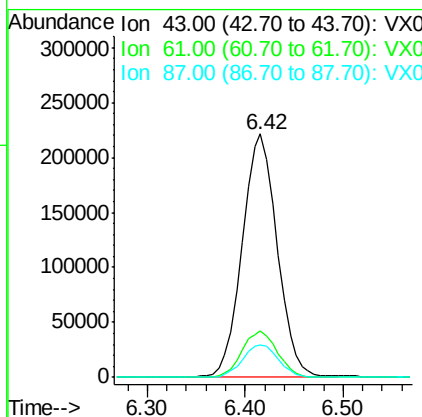
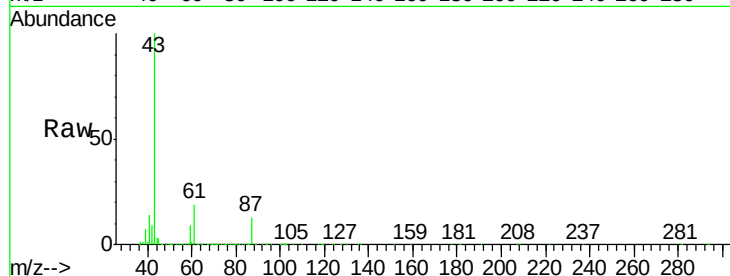
ClientSampleId :

GR-OF-20200827MSD

Tot Ion:	43	Resp:	546693
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.8	10.3	15.5

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#44

Trichloroethene

Concen: 46.611 ug/l

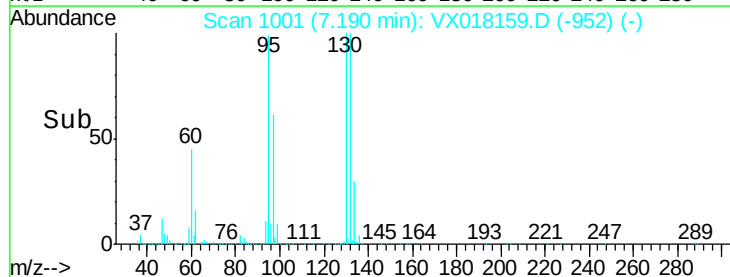
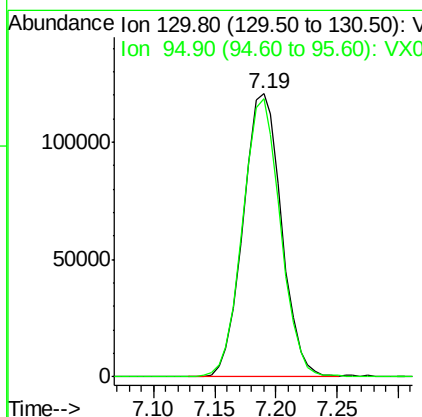
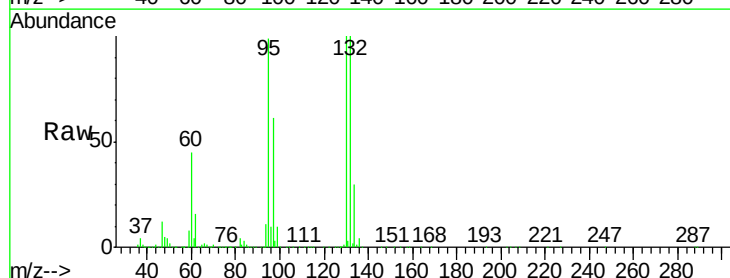
RT: 7.19 min Scan# 1001

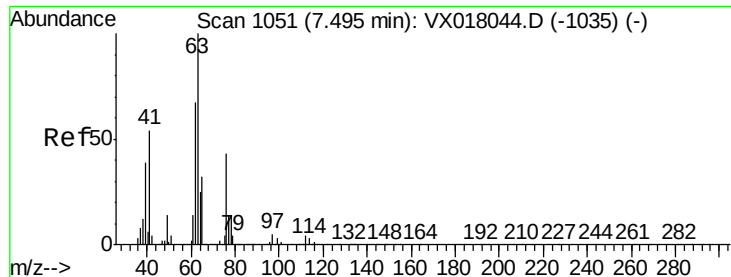
Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion:	130	Resp:	262939
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	196.4





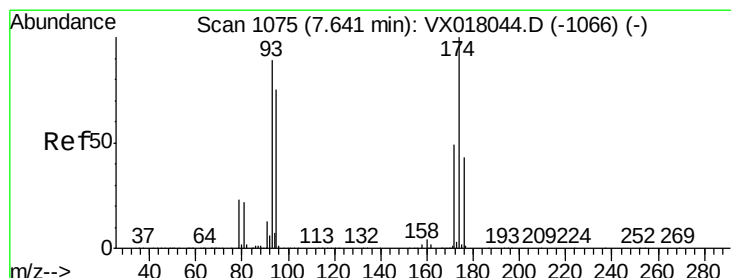
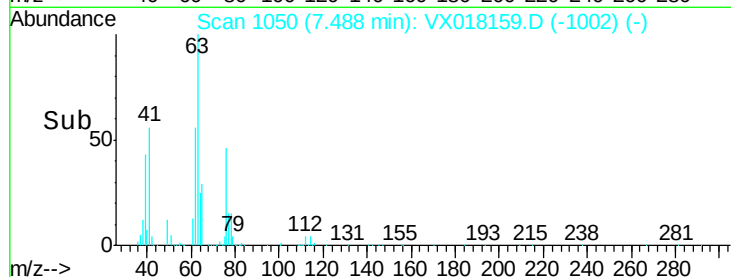
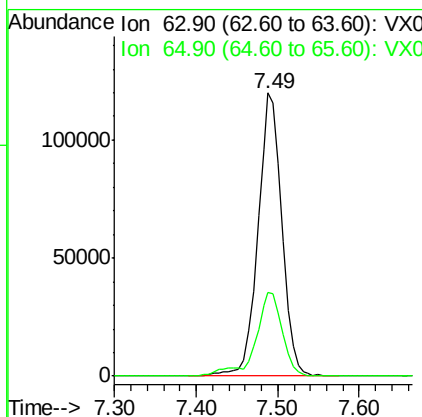
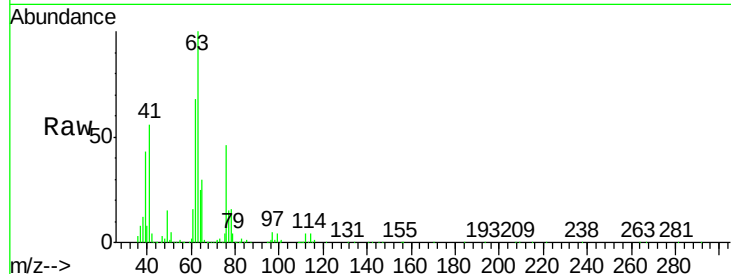
#45
 1,2-Dichloropropane
 Concen: 45.660 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion	Ratio	Resp	Lower	Upper
63	100	245684		
65	29.6		25.7	38.5

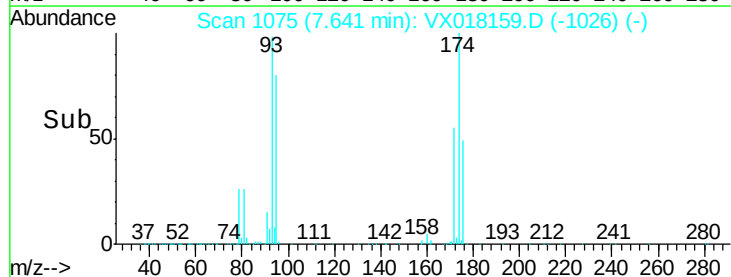
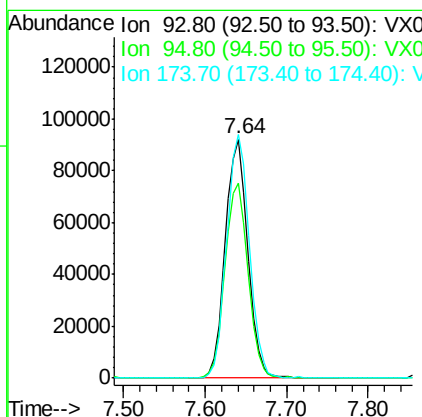
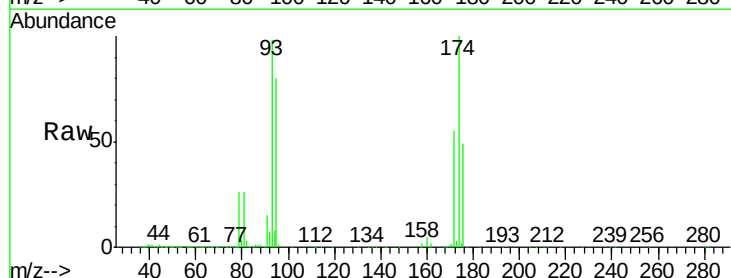
Manual Integrations
 APPROVED

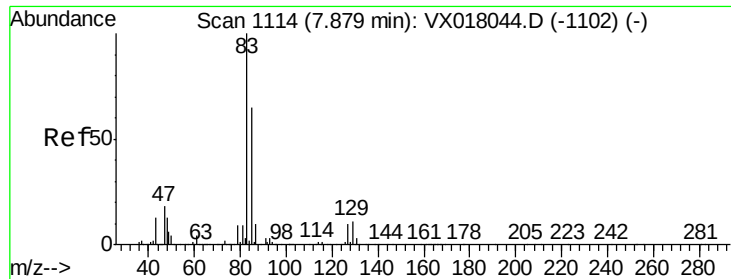
MMDadoda
 9/1/2020 9:08:41 AM



#46
 Dibromomethane
 Concen: 46.387 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	175522		
95	83.3		67.3	100.9
174	102.7		82.2	123.2





#47

Bromodichloromethane

Concen: 48.527 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

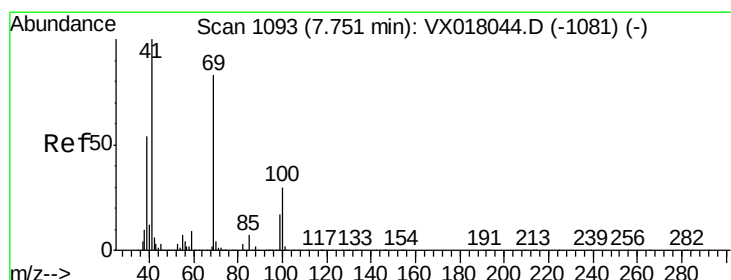
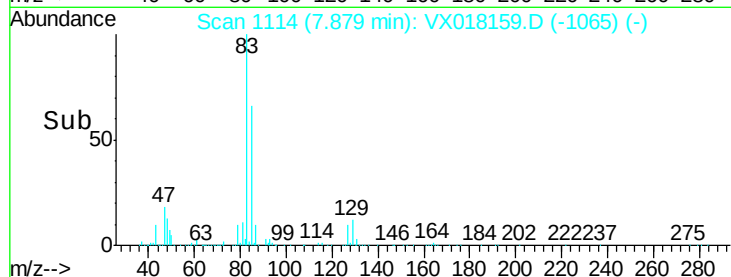
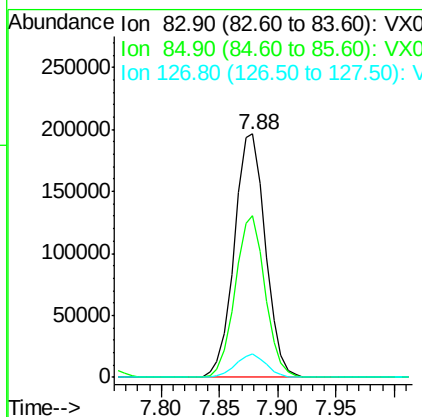
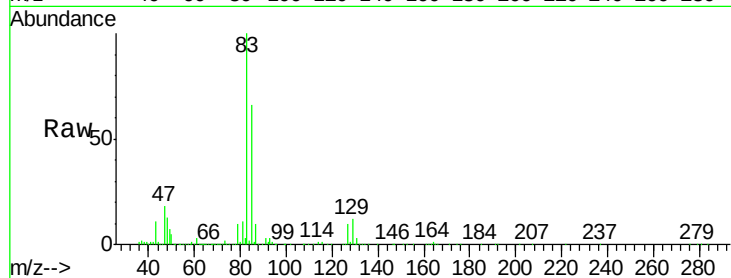
ClientSampleId :

GR-OF-20200827MSD

Tot Ion:	83	Resp:	366632
Ion Ratio	Lower	Upper	
83	100		
85	66.3	51.8	77.6
127	9.5	7.7	11.5

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#48

Methyl methacrylate

Concen: 45.177 ug/l

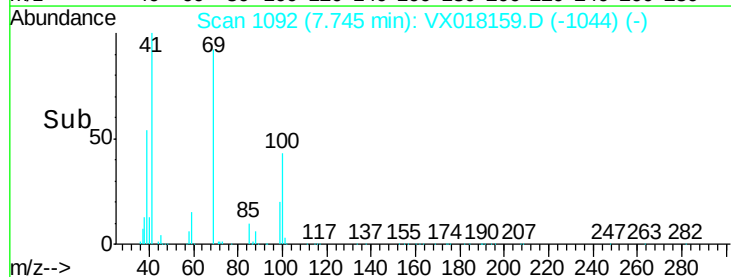
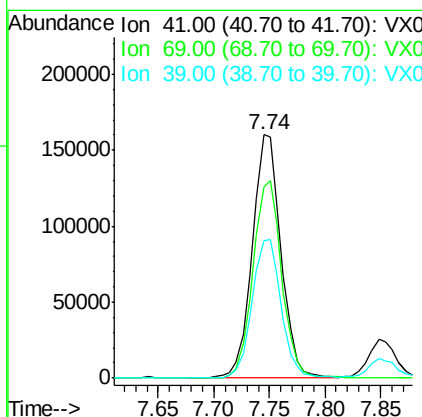
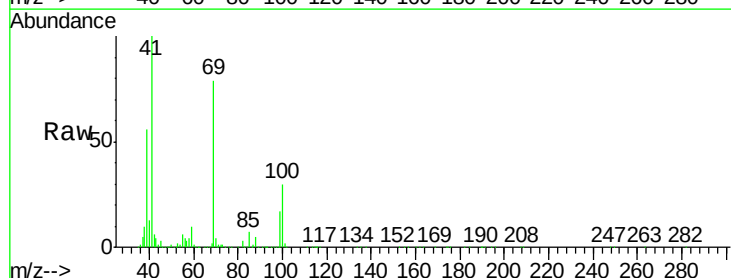
RT: 7.74 min Scan# 1092

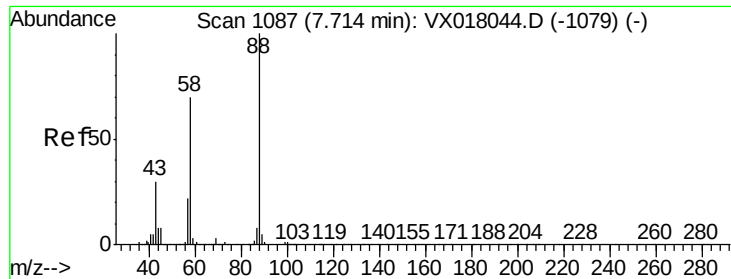
Delta R.T. -0.01 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion:	41	Resp:	286645
Ion Ratio	Lower	Upper	
41	100		
69	82.0	65.5	98.3
39	58.1	44.5	66.7





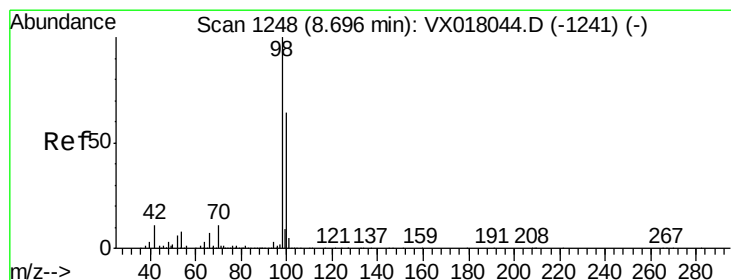
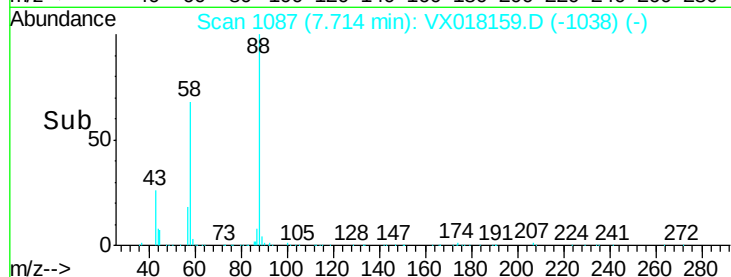
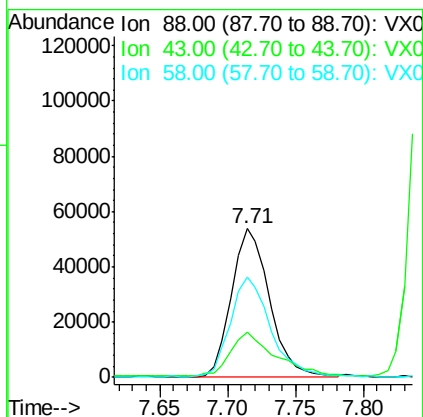
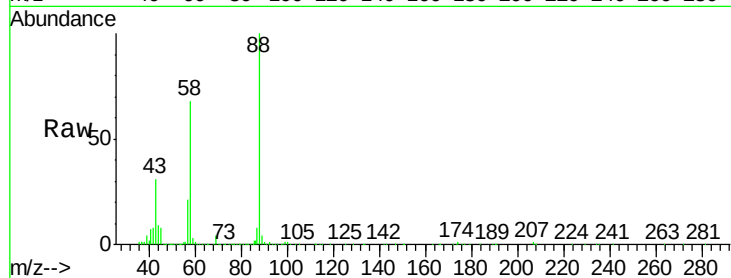
#49
1,4-Dioxane
Concen: 915.435 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.8	27.4	41.0
58	71.7	56.4	84.6

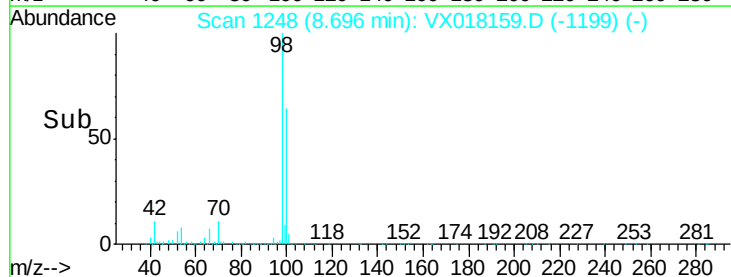
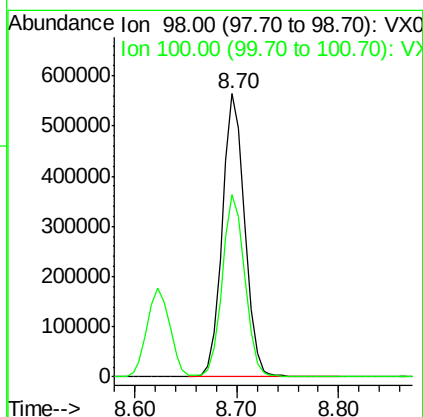
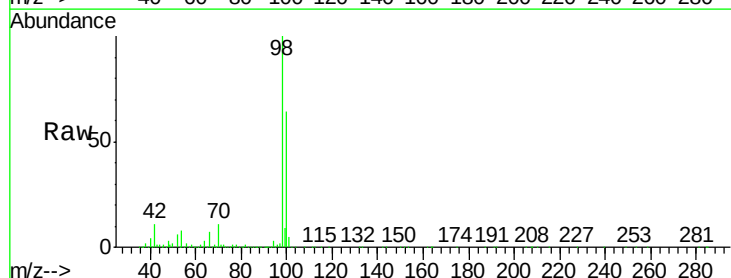
Manual Integrations
APPROVED

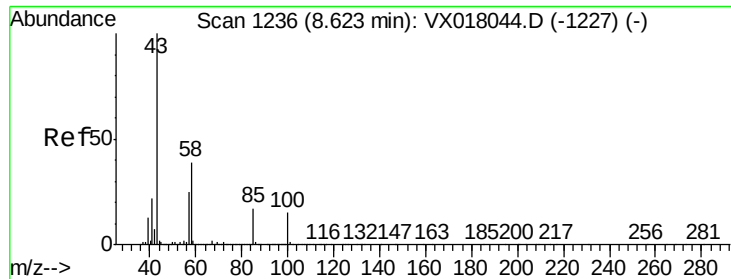
MMDadoda
9/1/2020 9:08:41 AM



#50
Toluene-d8
Concen: 46.121 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.4





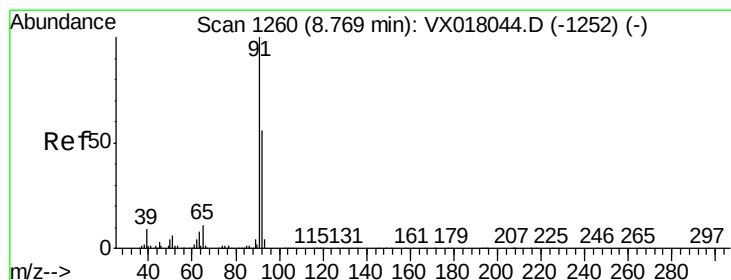
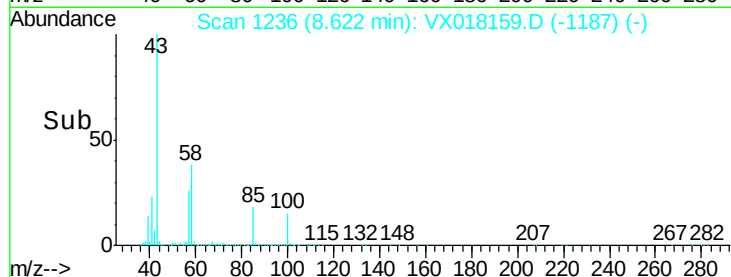
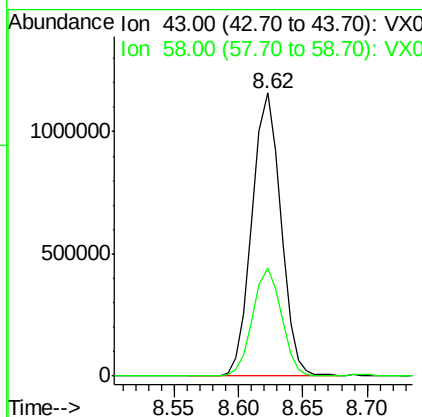
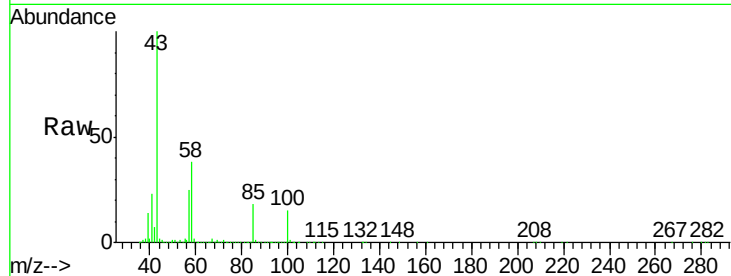
#51
4-Methyl-2-Pentanone
Concen: 228.305 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion: 43 Resp: 1797492
Ion Ratio Lower Upper
43 100
58 38.3 30.7 46.1

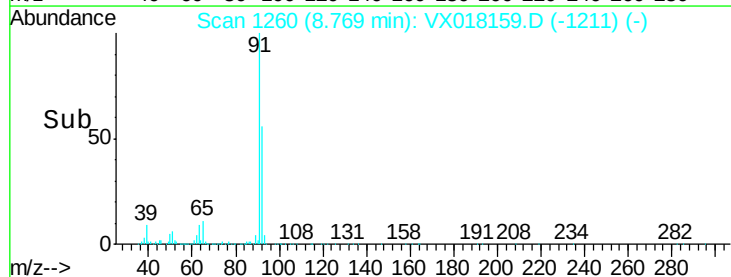
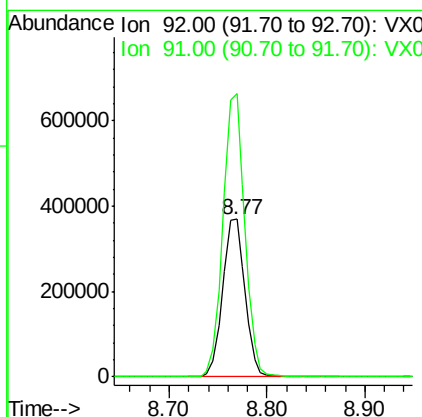
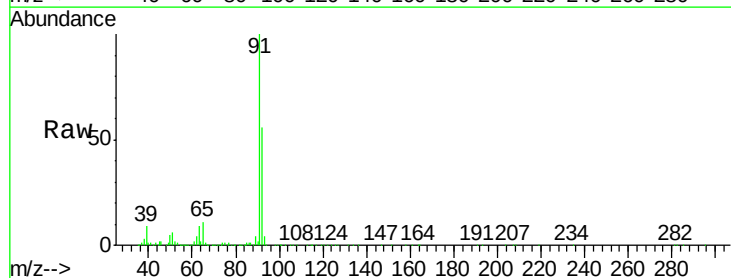
Manual Integrations
APPROVED

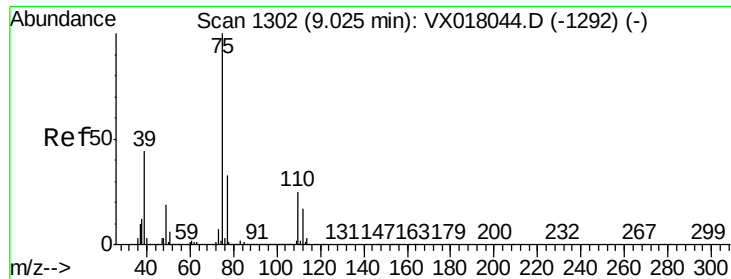
MMDadoda
9/1/2020 9:08:41 AM



#52
Toluene
Concen: 46.156 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion: 92 Resp: 584310
Ion Ratio Lower Upper
92 100
91 175.7 140.3 210.5





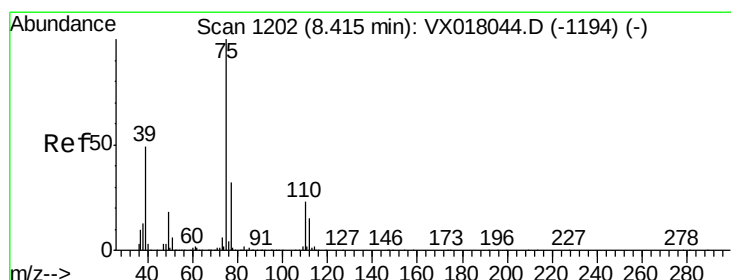
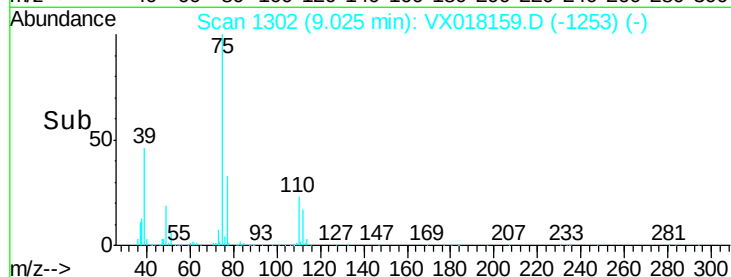
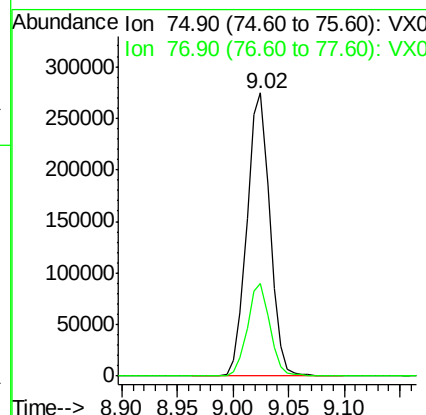
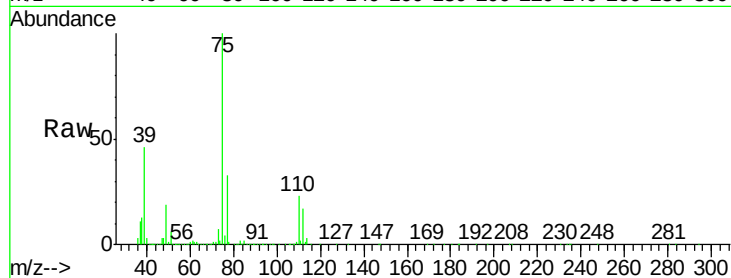
#53
t-1,3-Dichloropropene
Concen: 46.962 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.7	26.6	39.8

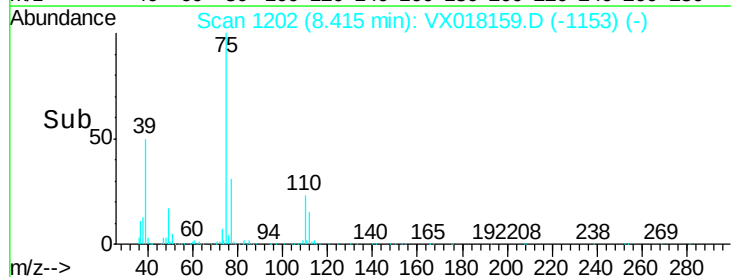
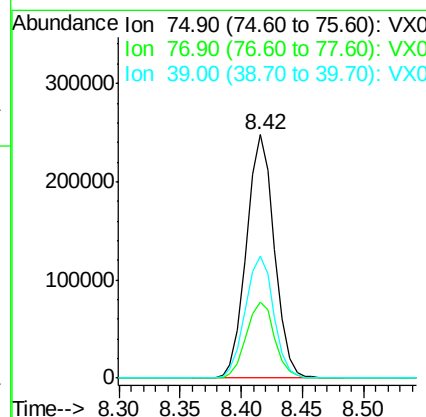
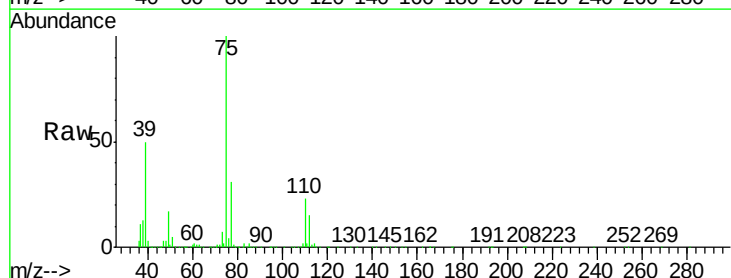
Manual Integrations
APPROVED

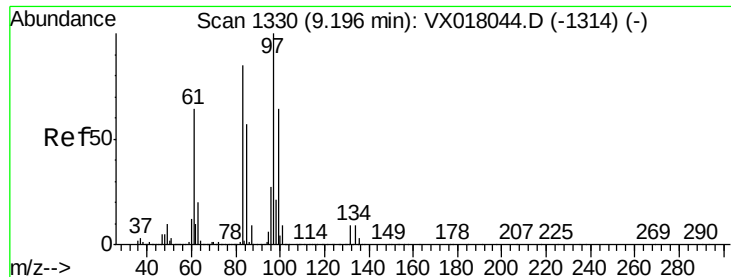
MMDadoda
9/1/2020 9:08:41 AM



#54
cis-1,3-Dichloropropene
Concen: 44.271 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.8
39	50.3	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 46.264 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

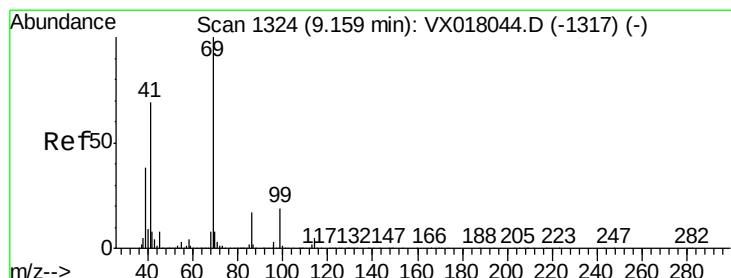
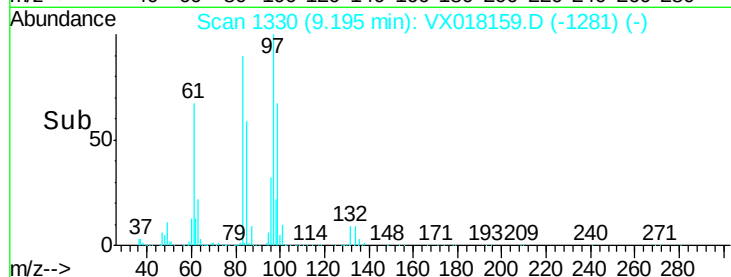
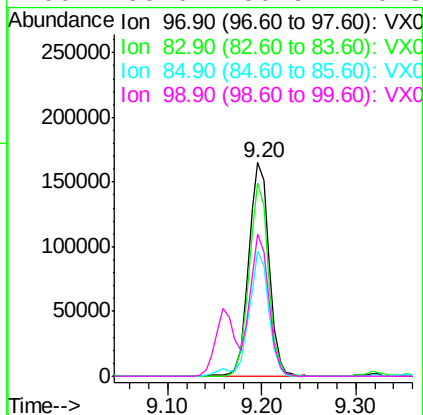
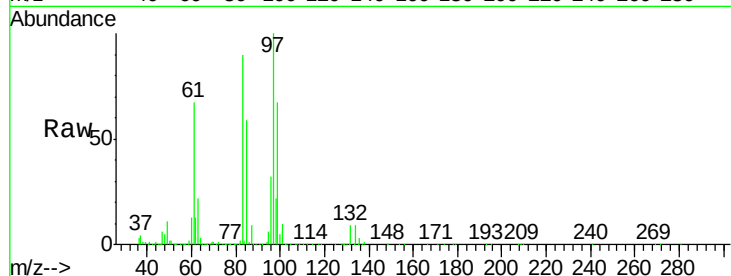
ClientSampleId :

GR-OF-20200827MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		249788		
83	90.4	67.8	101.6		
85	58.9	45.3	67.9		
99	66.6	50.9	76.3		

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#56

Ethyl methacrylate

Concen: 46.353 ug/l

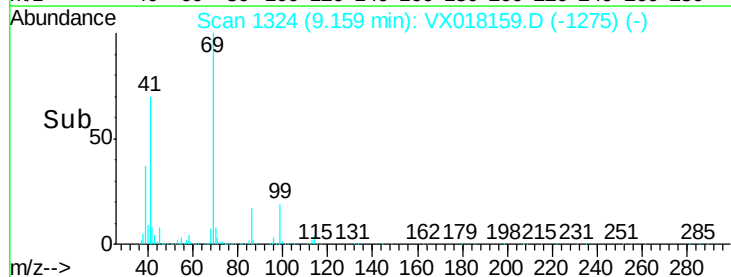
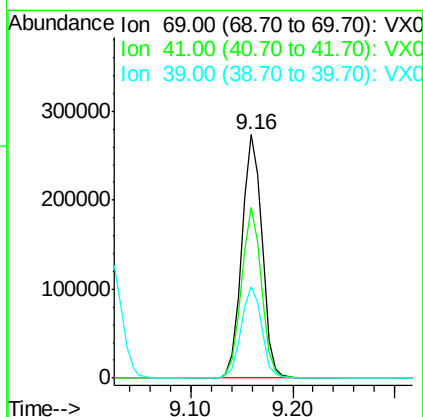
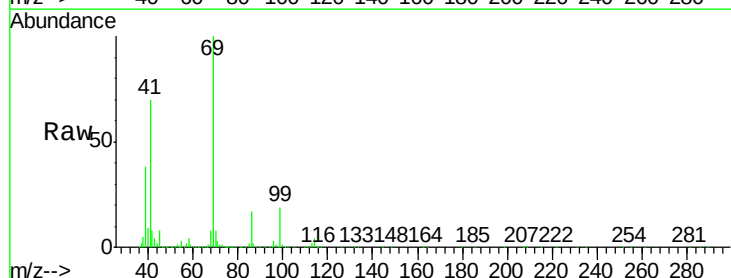
RT: 9.16 min Scan# 1324

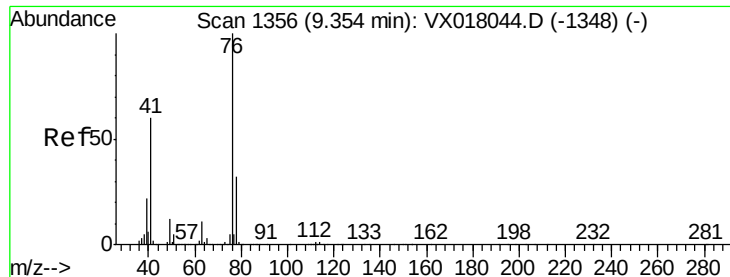
Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		372046		
41	69.1	54.6	81.8		
39	38.0	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 46.723 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MSD

Tot Ion: 76 Resp: 416077

Ion Ratio Lower Upper

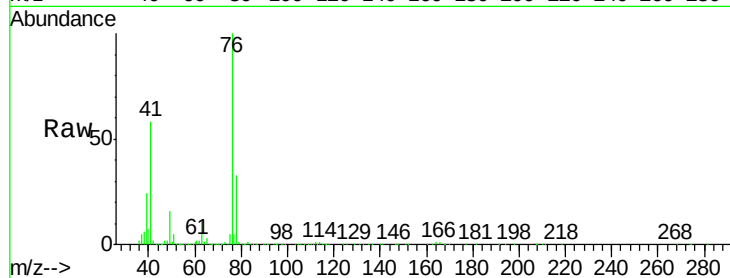
76 100

78 32.2 25.8 38.6

Manual Integrations
APPROVED

MMDadoda

9/1/2020 9:08:41 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

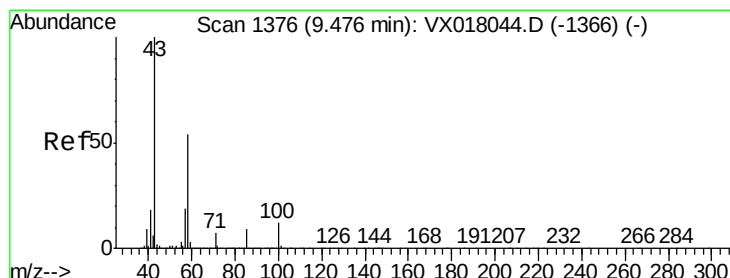
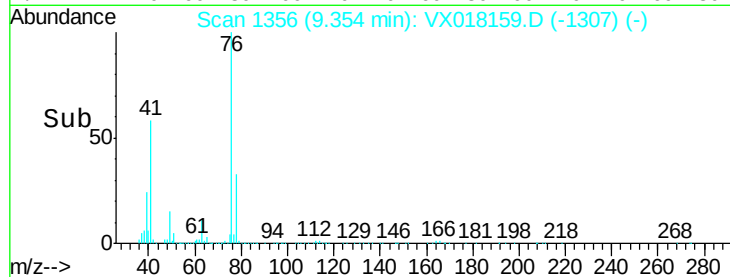
300000

200000

100000

0

Time-->



#59

2-Hexanone

Concen: 235.272 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX018159.D

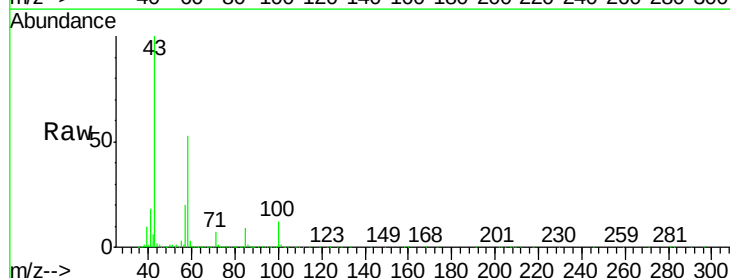
Acq: 31 Aug 2020 19:42

Tgt Ion: 43 Resp: 1408494

Ion Ratio Lower Upper

43 100

58 52.9 26.6 79.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

1200000

1000000

800000

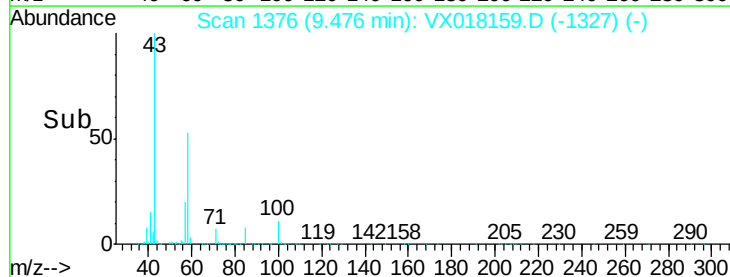
600000

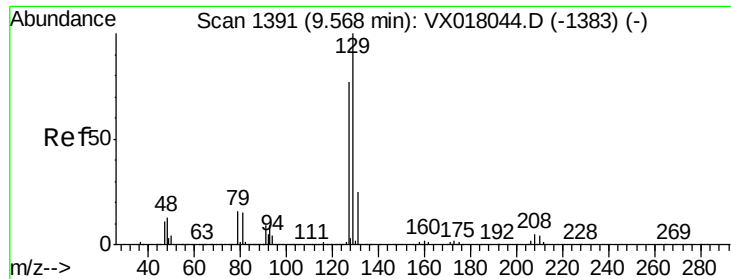
400000

200000

0

Time-->





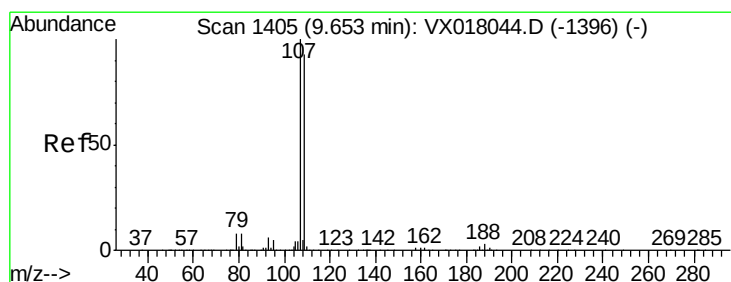
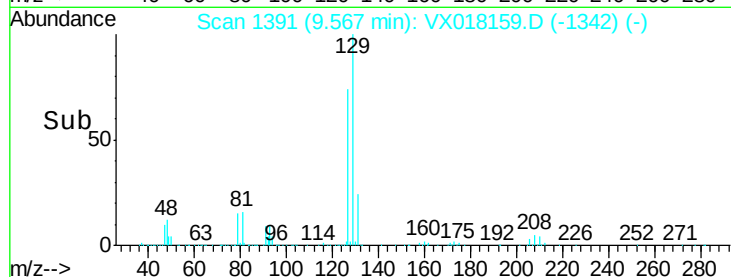
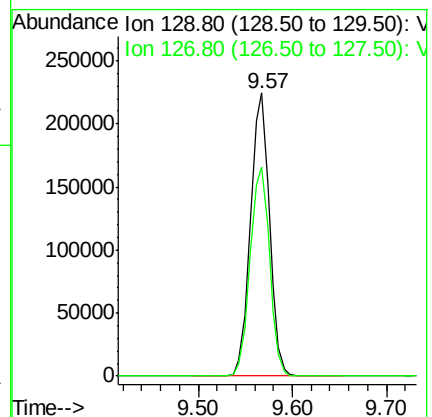
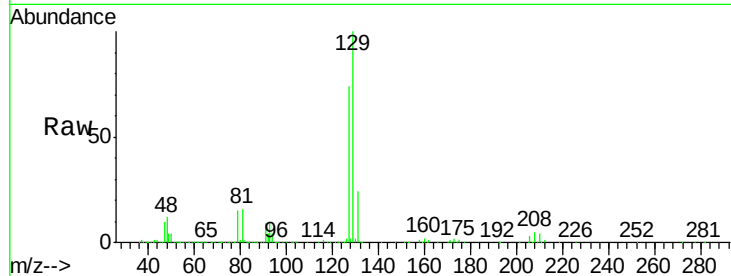
#60
Dibromochloromethane
Concen: 49.906 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
129	100		
127	75.9	38.9	116.6

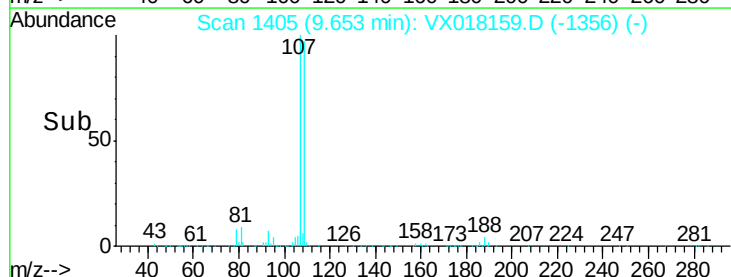
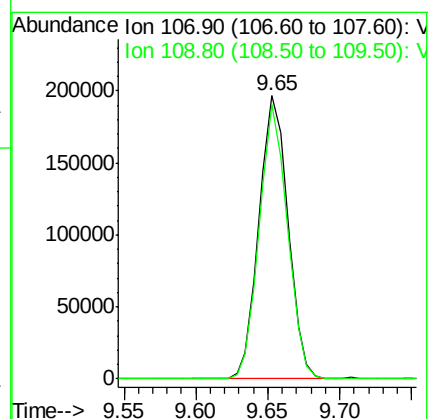
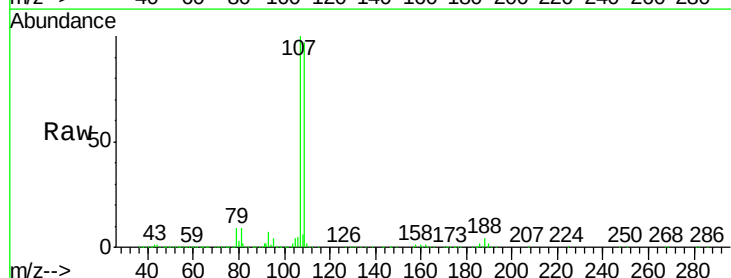
Manual Integrations
APPROVED

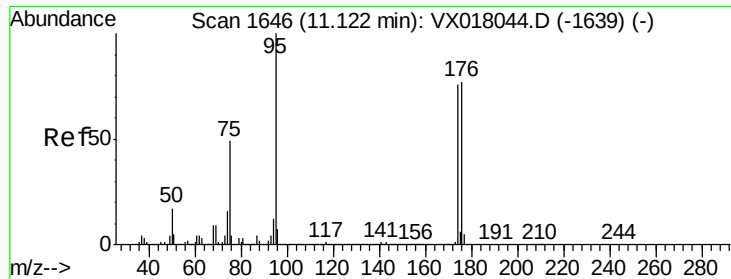
MMDadoda
9/1/2020 9:08:41 AM



#61
1,2-Dibromoethane
Concen: 46.661 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.9	113.9





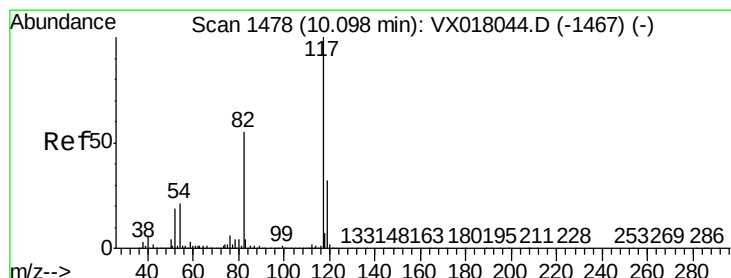
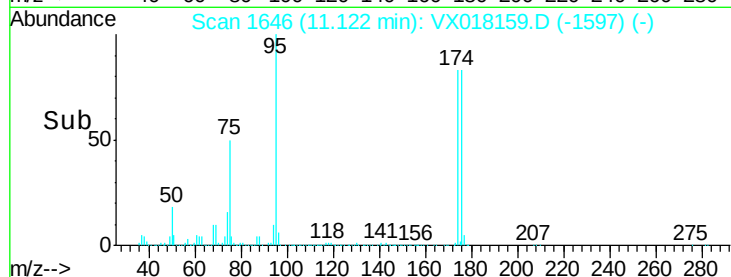
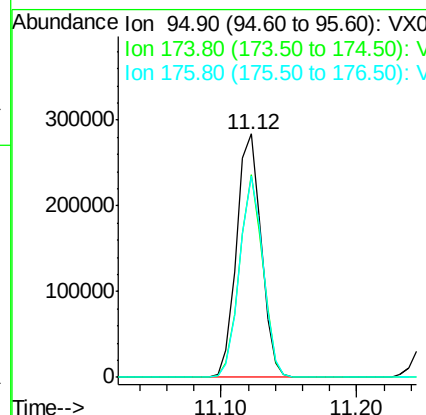
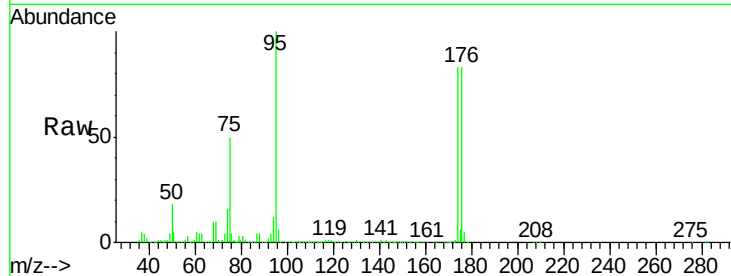
#62
4-Bromofluorobenzene
Concen: 48.700 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	358025		
174	79.0	0.0	160.2	
176	79.0	0.0	155.8	

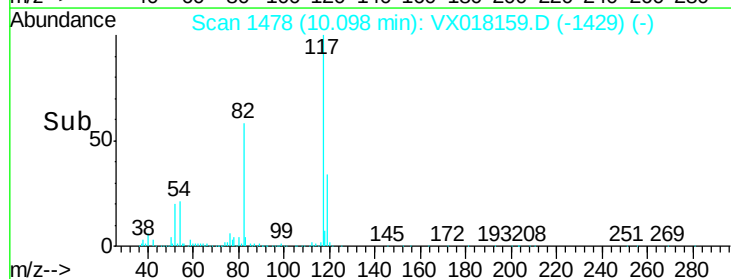
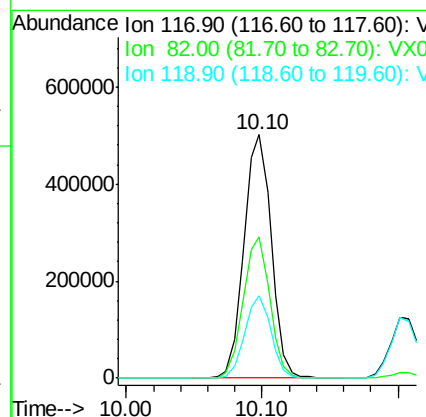
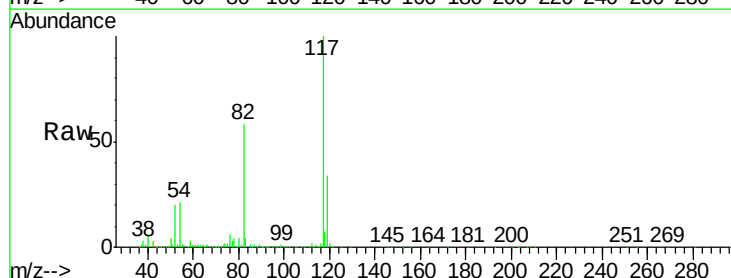
Manual Integrations
APPROVED

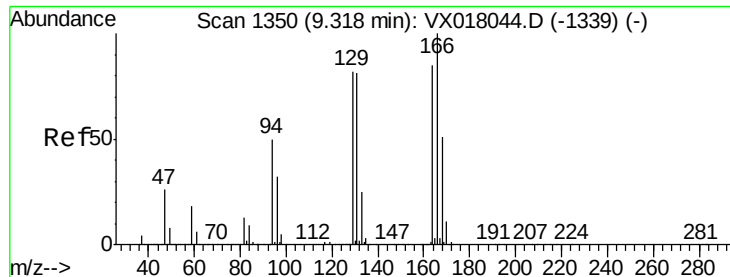
MMDadoda
9/1/2020 9:08:41 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	701284		
82	57.9	44.2	66.2	
119	33.6	25.7	38.5	





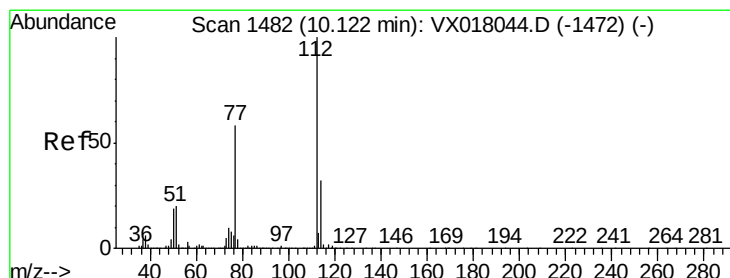
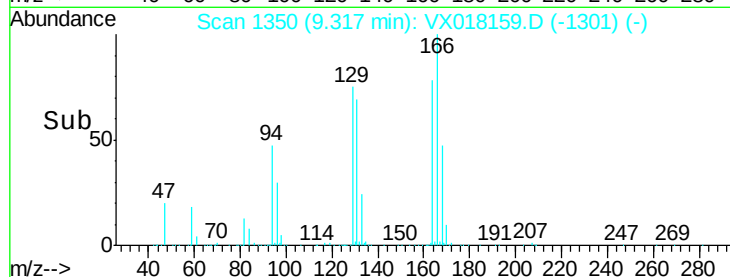
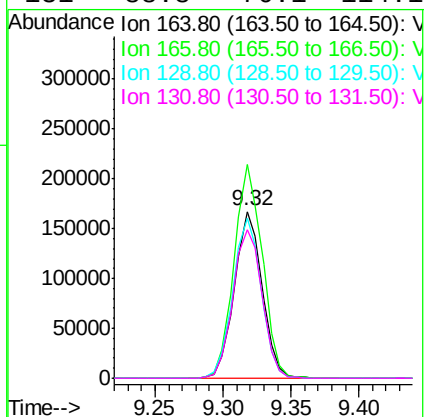
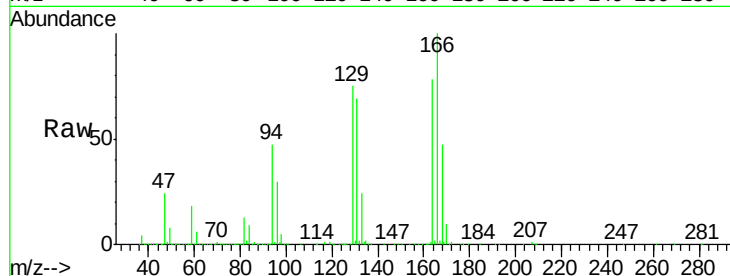
#64
Tetrachloroethene
Concen: 46.228 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
166	127.9	94.2	141.2	
129	95.7	76.9	115.3	
131	88.8	76.1	114.1	

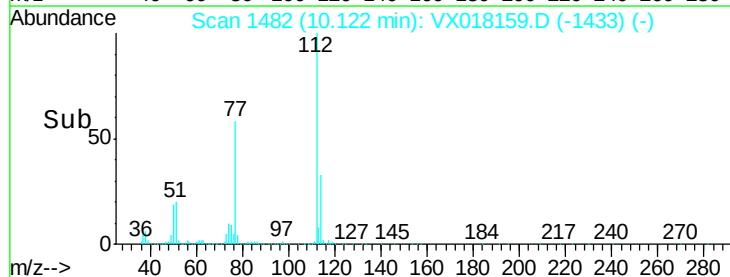
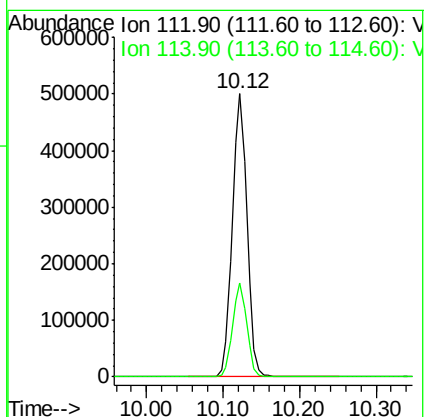
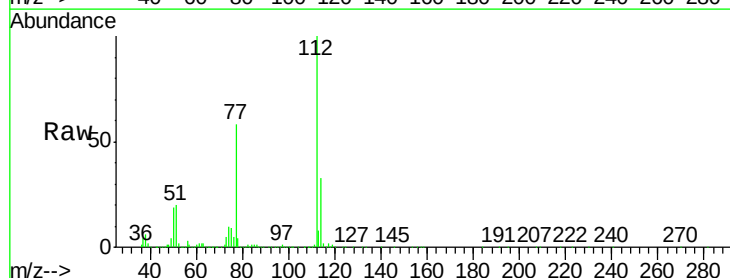
Manual Integrations
APPROVED

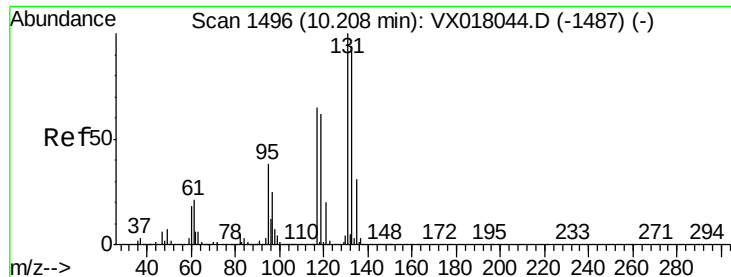
MMDadoda
9/1/2020 9:08:41 AM



#65
Chlorobenzene
Concen: 47.482 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
112	100			
114	33.0	25.7	38.5	





#66

1,1,1,2-Tetrachloroethane

Concen: 48.829 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

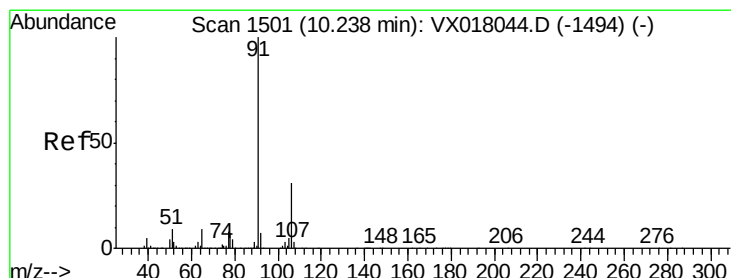
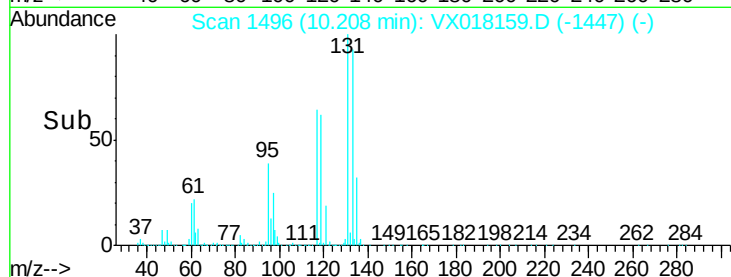
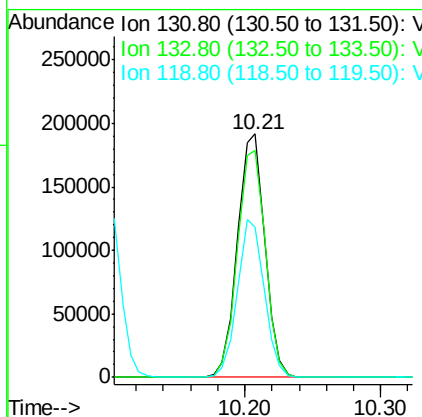
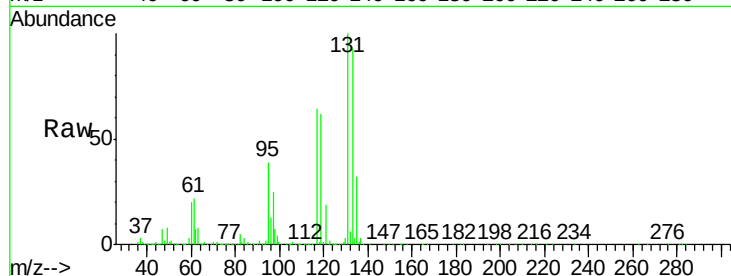
ClientSampleId :

GR-OF-20200827MSD

Tot Ion:	131	Resp:	269552
Ion Ratio	Lower	Upper	
131	100		
133	95.2	46.7	140.1
119	63.5	31.8	95.4

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#67

Ethyl Benzene

Concen: 48.799 ug/l

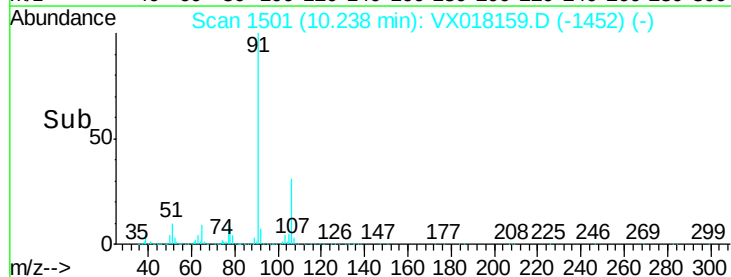
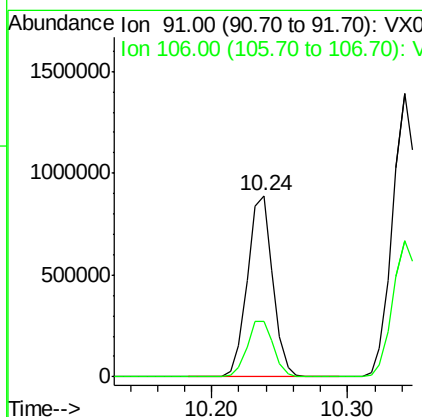
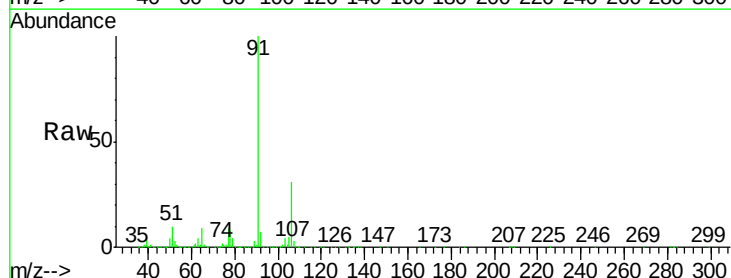
RT: 10.24 min Scan# 1501

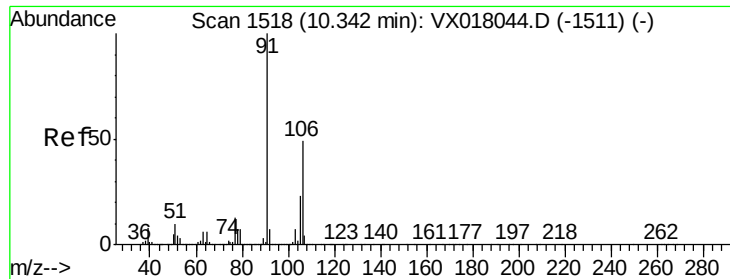
Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion:	91	Resp:	1162343
Ion Ratio	Lower	Upper	
91	100		
106	30.8	24.9	37.3





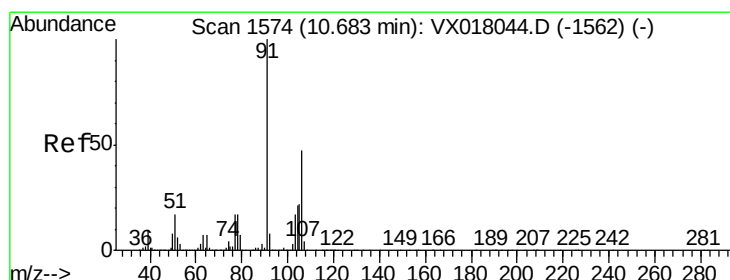
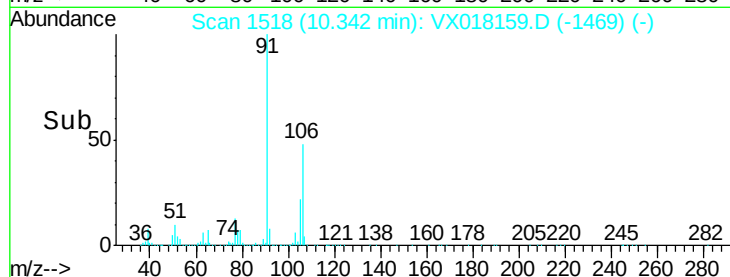
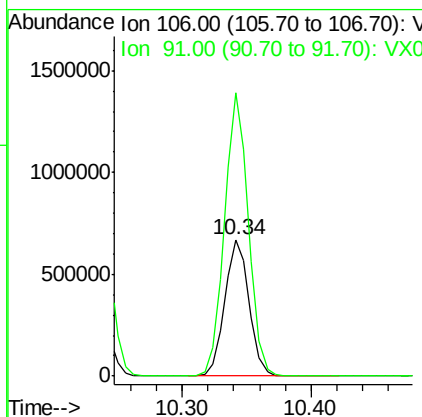
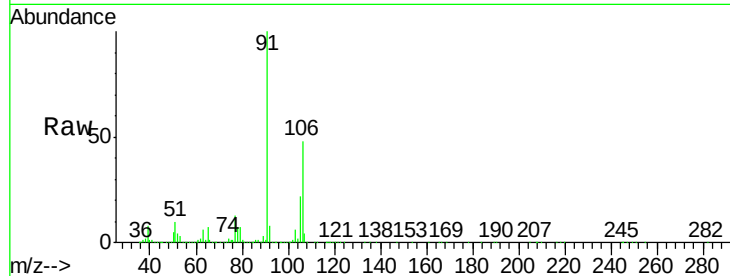
#68
m/p-Xylenes
Concen: 99.913 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		888256		
91	204.8	162.2	243.2		

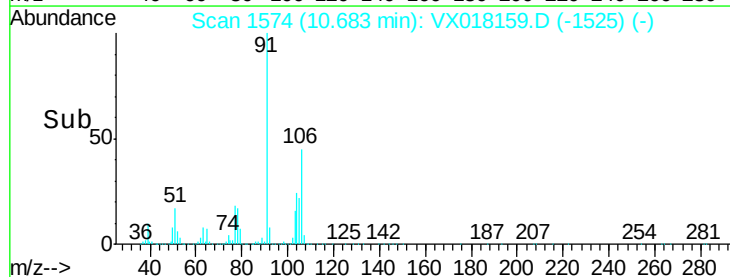
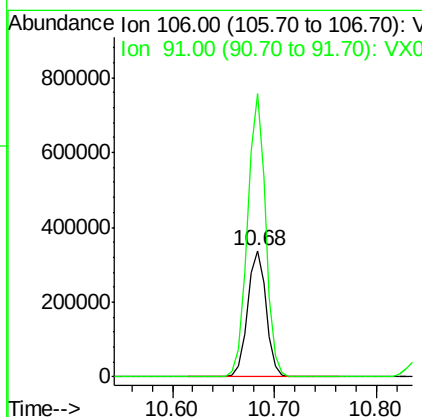
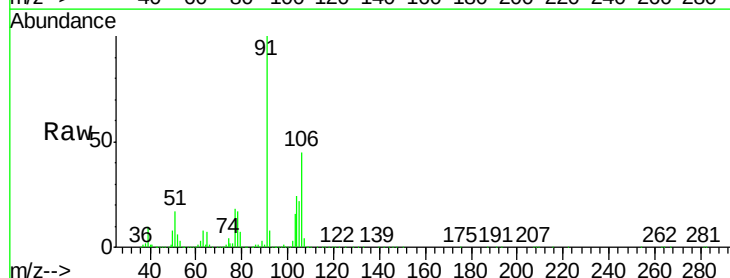
Manual Integrations
APPROVED

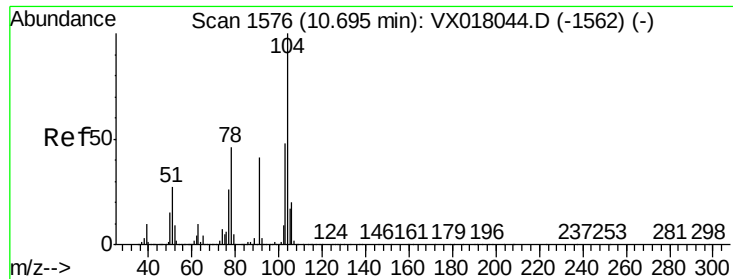
MMDadoda
9/1/2020 9:08:41 AM



#69
o-Xylene
Concen: 49.435 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		426045		
91	218.6	107.1	321.3		





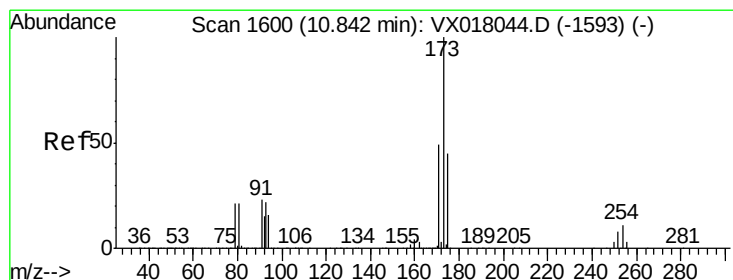
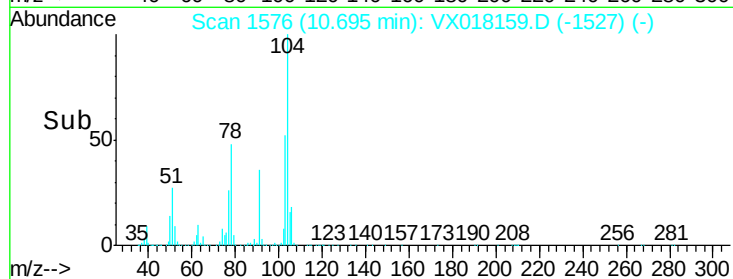
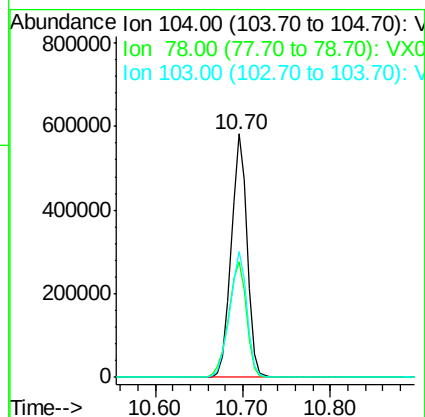
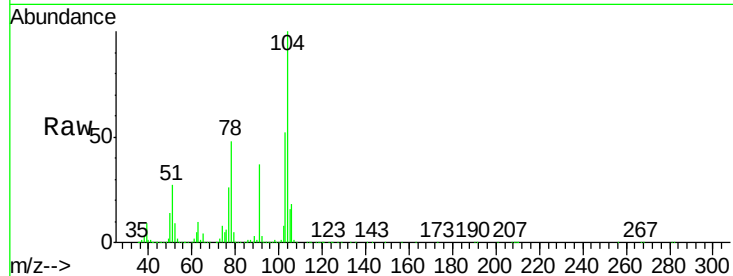
#70
Stvrene
Concen: 50.223 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion:	104	Resp:	737112
Ion Ratio		Lower	Upper
104	100		
78	53.0	40.9	61.3
103	55.5	43.6	65.4

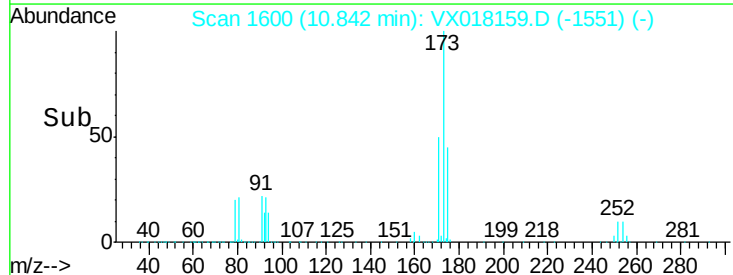
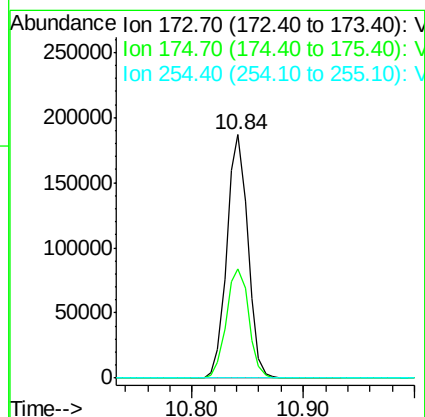
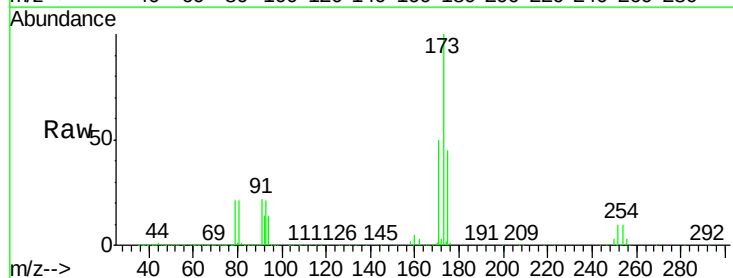
Manual Integrations
APPROVED

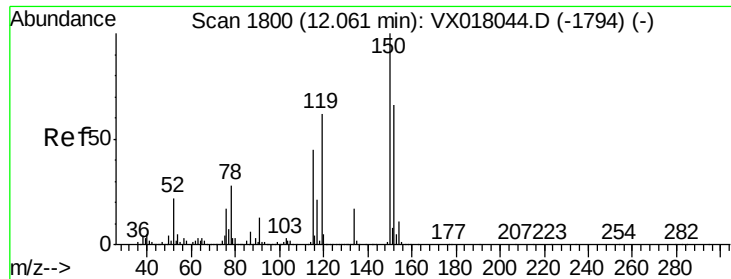
MMDadoda
9/1/2020 9:08:41 AM



#71
Bromoform
Concen: 51.860 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion:	173	Resp:	244189
Ion Ratio		Lower	Upper
173	100		
175	48.1	23.9	71.8
254	0.1	0.2	0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

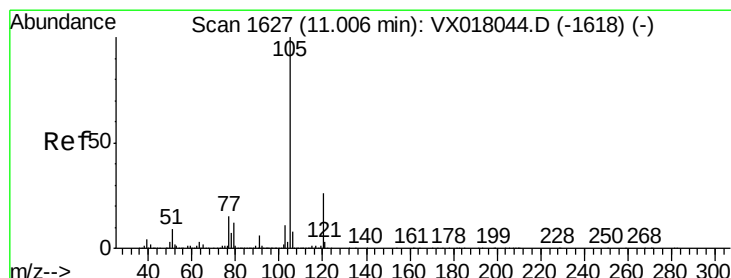
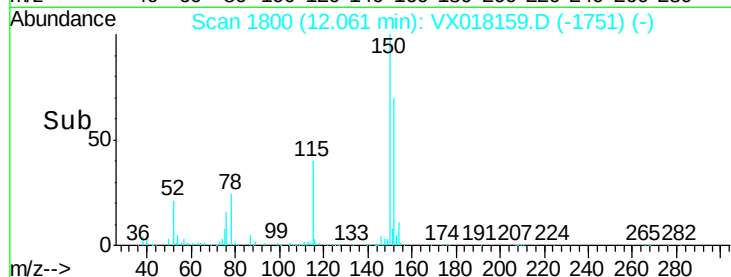
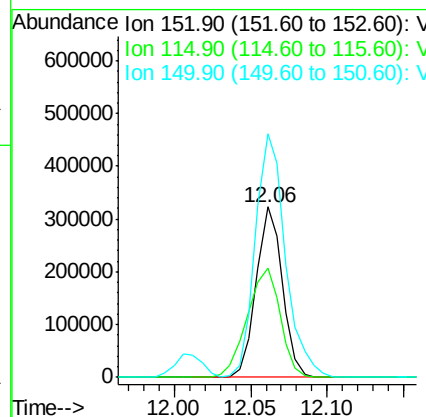
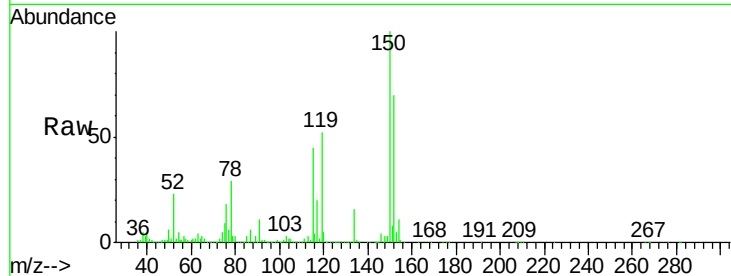
ClientSampleId :

GR-OF-20200827MSD

Tot Ion:	152	Resp:	385743
Ion Ratio	Lower	Upper	
152	100		
115	79.9	41.5	124.5
150	163.8	0.0	343.8

Manual Integrations
APPROVED

MMDadoda
9/1/2020 9:08:41 AM



#73

Isopropylbenzene

Concen: 46.576 ug/l

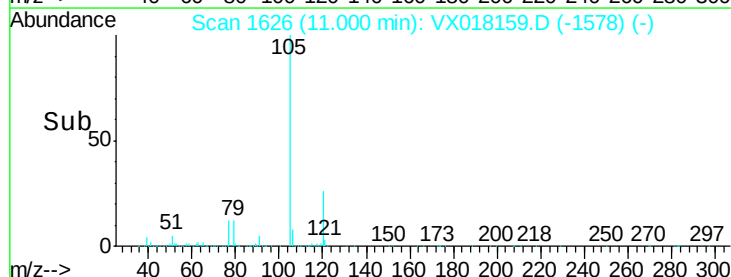
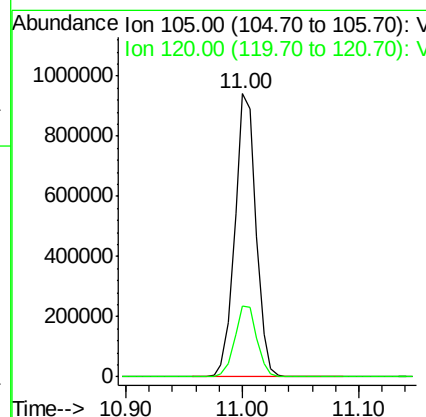
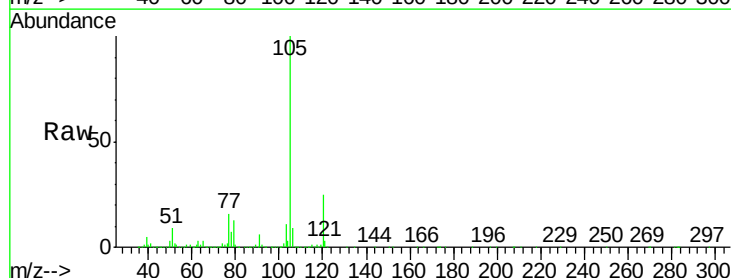
RT: 11.00 min Scan# 1626

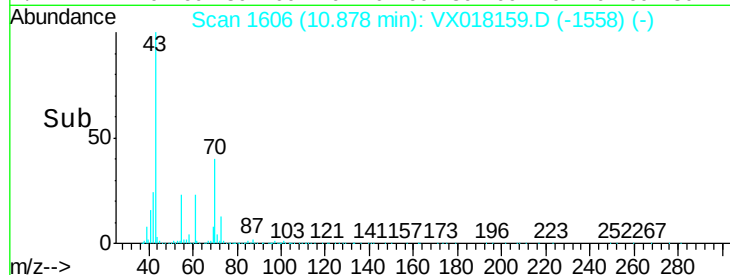
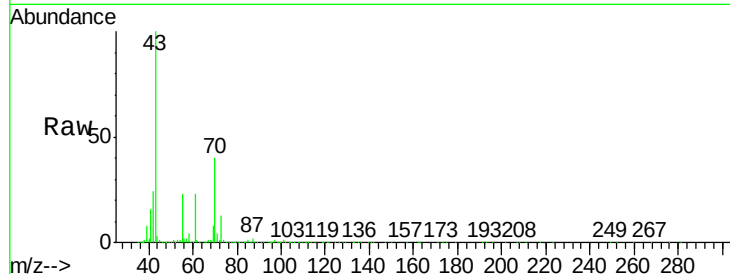
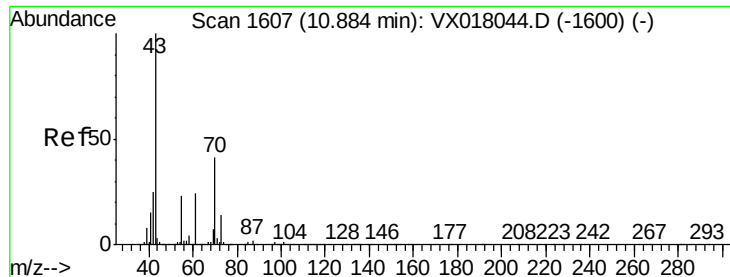
Delta R.T. -0.01 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Tgt Ion:	105	Resp:	1185091
Ion Ratio	Lower	Upper	
105	100		
120	26.3	13.2	39.5





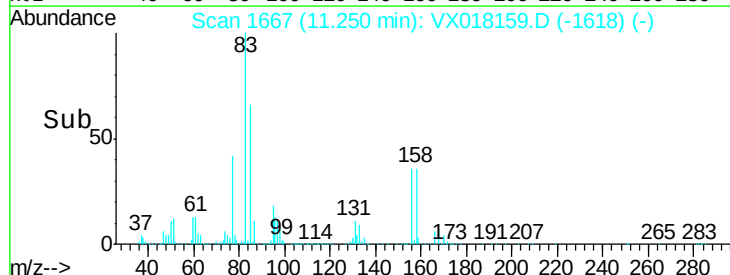
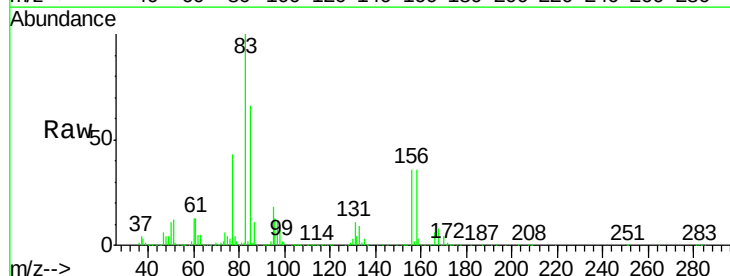
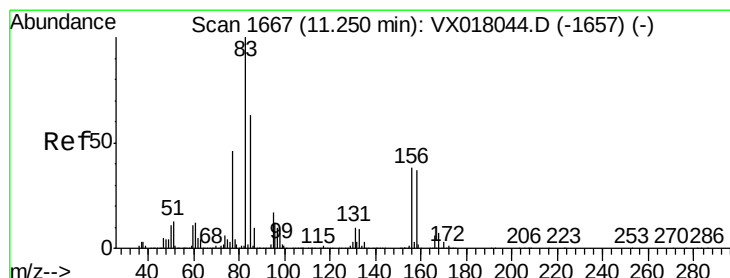
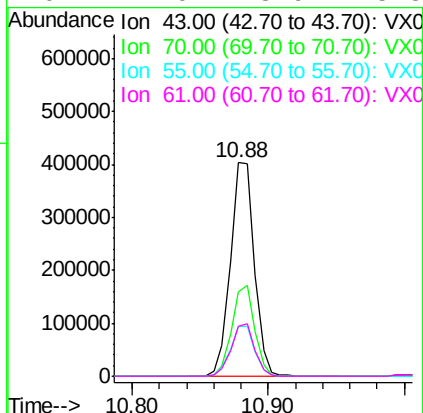
#74
N-amvl acetate
Concen: 40.633 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.01 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		490532		
70	40.7	32.3	48.5		
55	23.7	18.2	27.2		
61	24.0	18.9	28.3		

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

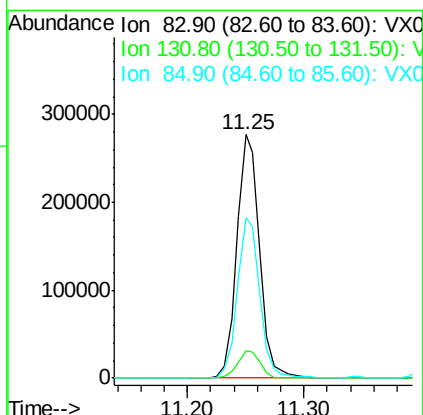
Manual Integrations
APPROVED

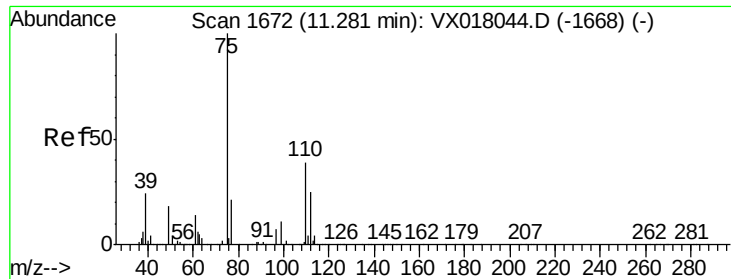
MMDadoda
9/1/2020 9:08:41 AM



#75
1,1,2,2-Tetrachloroethane
Concen: 41.465 ug/l
RT: 11.25 min Scan# 1667
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		372177		
131	11.4	5.1	15.4		
85	65.8	32.2	96.6		





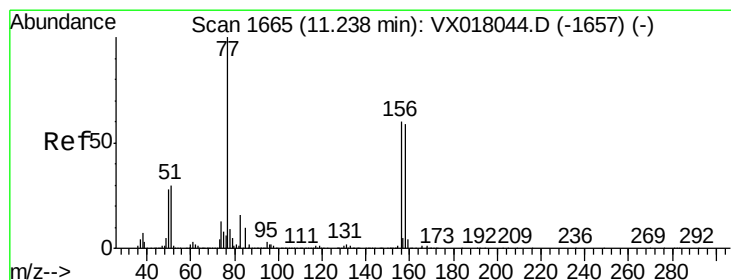
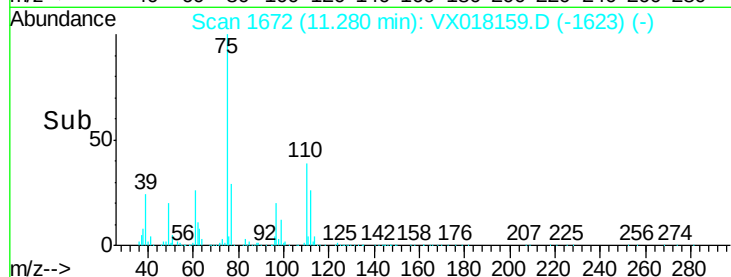
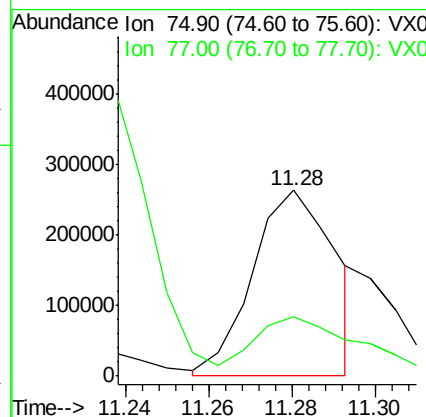
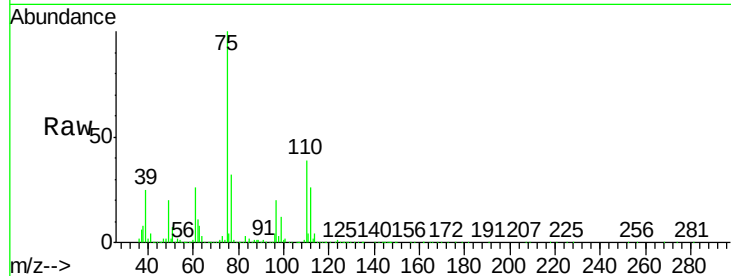
#76
1,2,3-Trichloropropane
Concen: 42.311 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion: 75 Resp: 363069
Ion Ratio Lower Upper
75 100
77 40.6 20.8 62.2

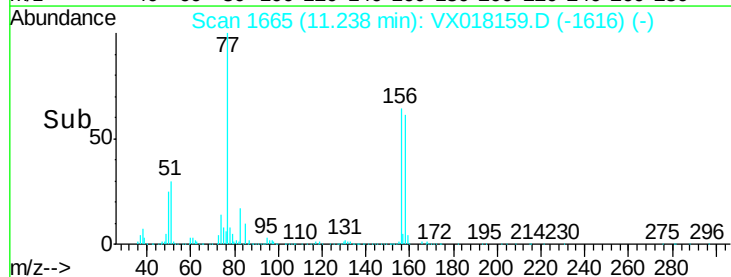
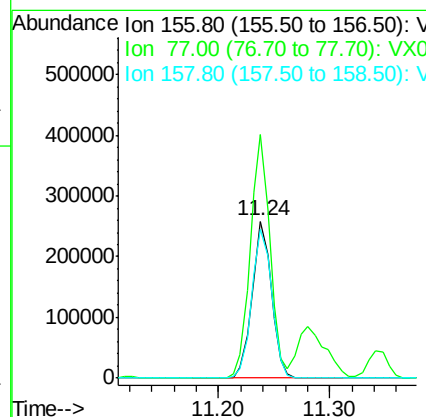
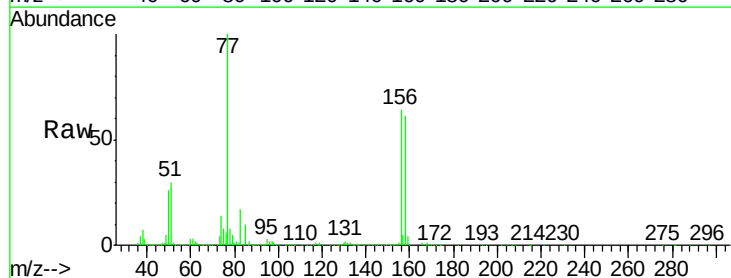
Manual Integrations
APPROVED

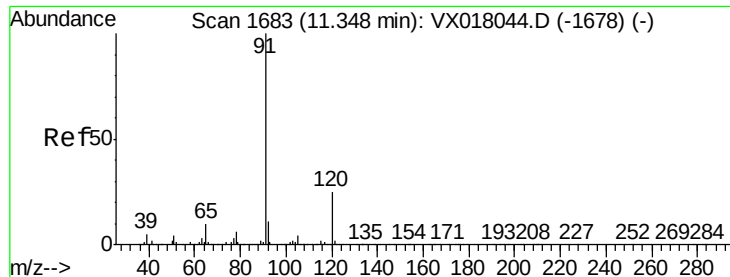
MMDadoda
9/1/2020 9:08:41 AM



#77
Bromobenzene
Concen: 44.322 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion: 156 Resp: 311728
Ion Ratio Lower Upper
156 100
77 157.2 80.0 240.2
158 98.7 49.5 148.7





#78

n-propylbenzene

Concen: 46.535 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018159.D

Acq: 31 Aug 2020 19:42

Instrument :

MSVOA_X

ClientSampleId :

GR-OF-20200827MSD

Tot Ion: 91 Resp: 1344421

Ion Ratio Lower Upper

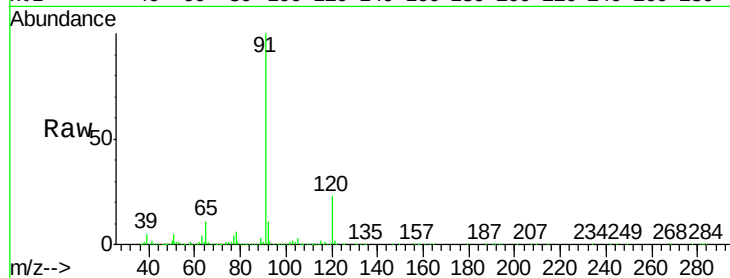
91 100

120 24.0 11.9 35.9

Manual Integrations
APPROVED

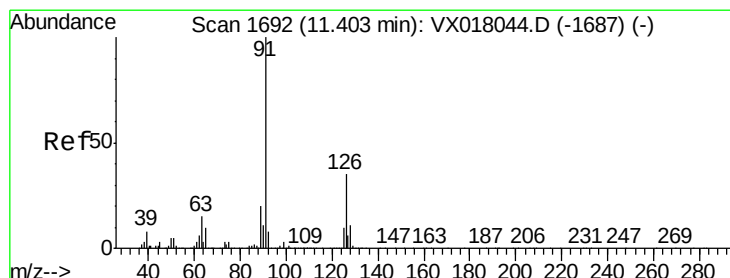
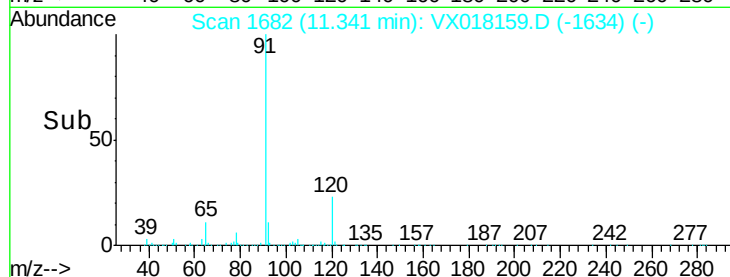
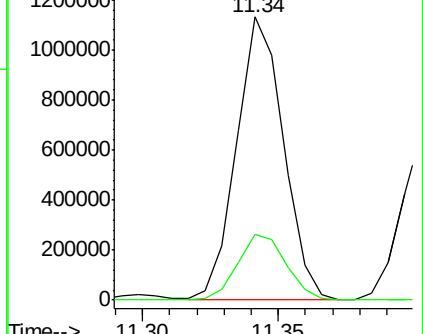
MMDadoda

9/1/2020 9:08:41 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 46.013 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018159.D

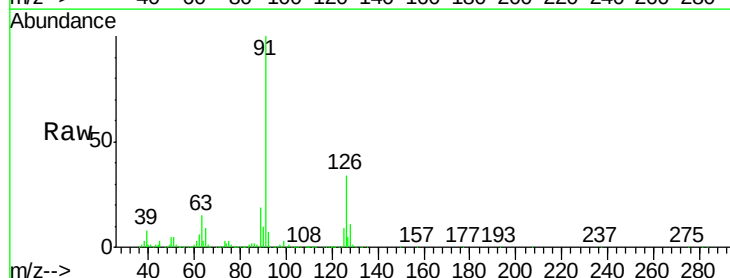
Acq: 31 Aug 2020 19:42

Tgt Ion: 91 Resp: 821291

Ion Ratio Lower Upper

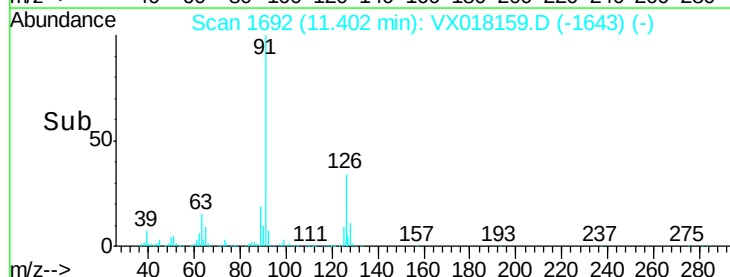
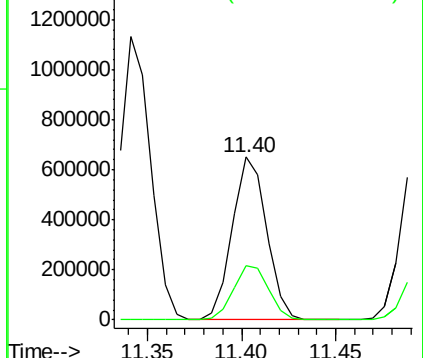
91 100

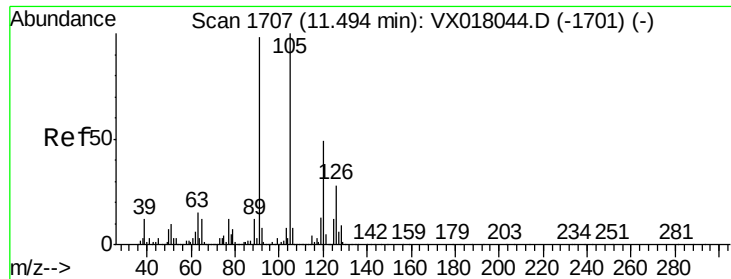
126 34.5 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





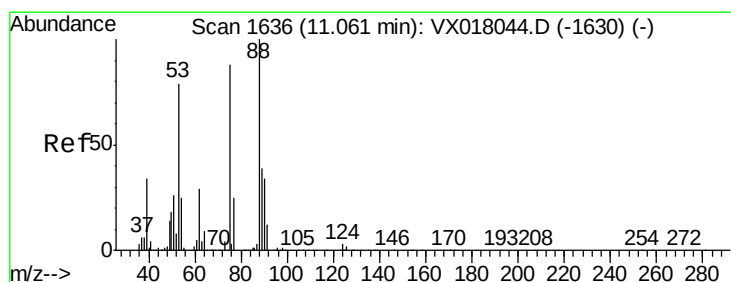
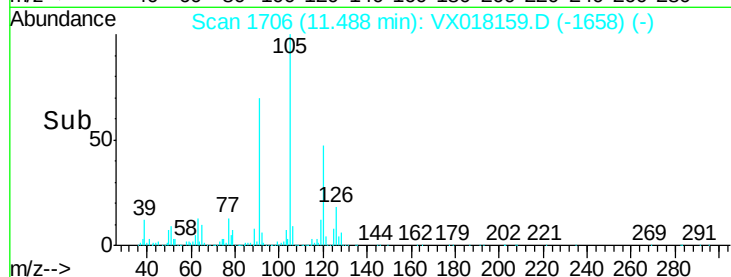
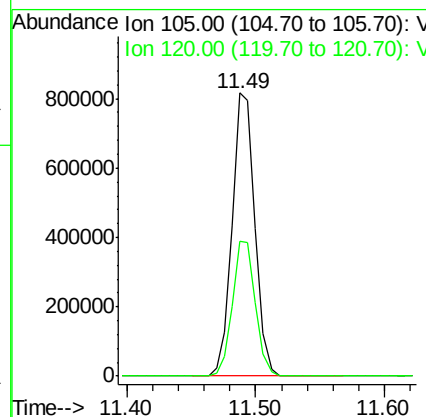
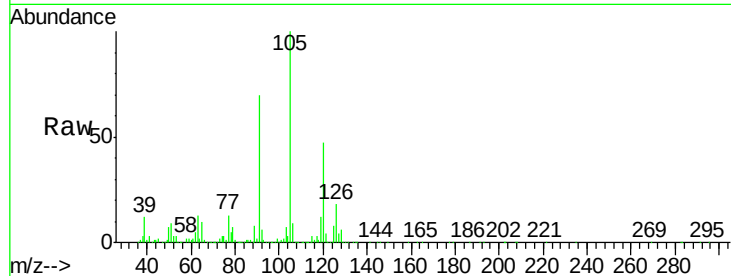
#80
 1,3,5-Trimethylbenzene
 Concen: 48.397 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion:105 Resp: 1011919
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.1 72.2

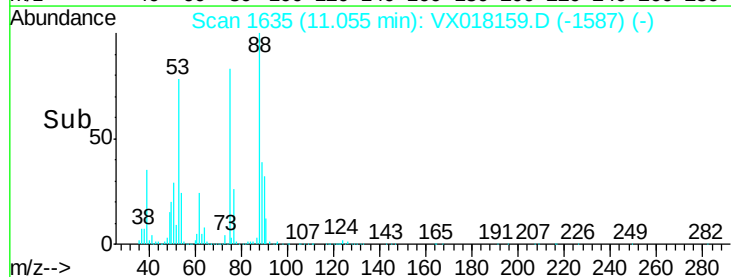
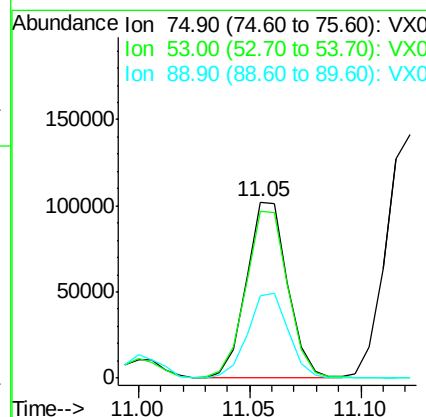
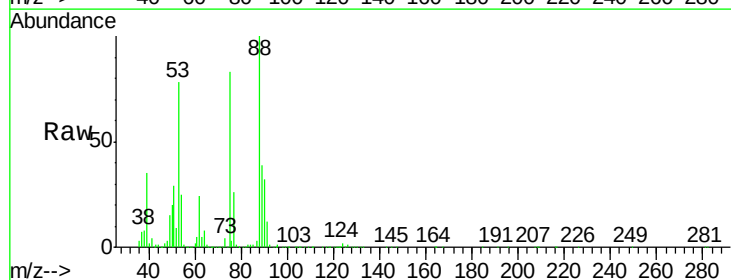
Manual Integrations
 APPROVED

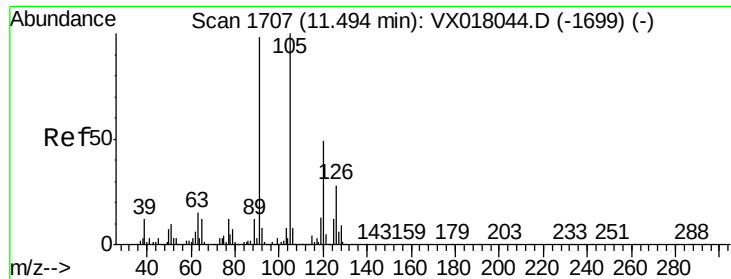
MMDadoda
 9/1/2020 9:08:41 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 41.206 ug/l
 RT: 11.05 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion: 75 Resp: 130918
 Ion Ratio Lower Upper
 75 100
 53 97.0 74.7 112.1
 89 48.3 36.6 54.8





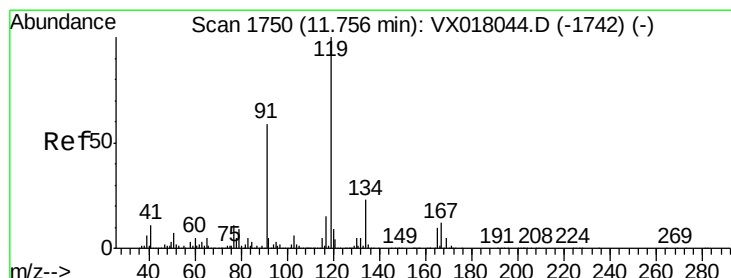
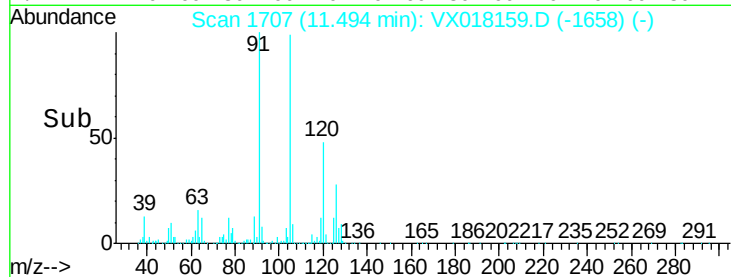
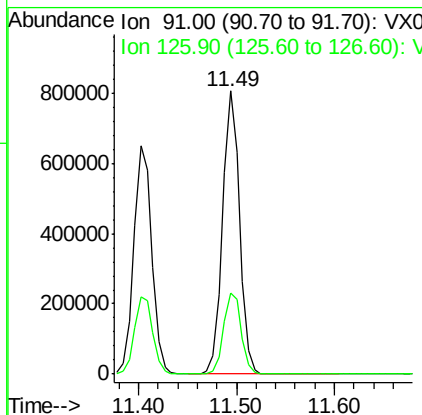
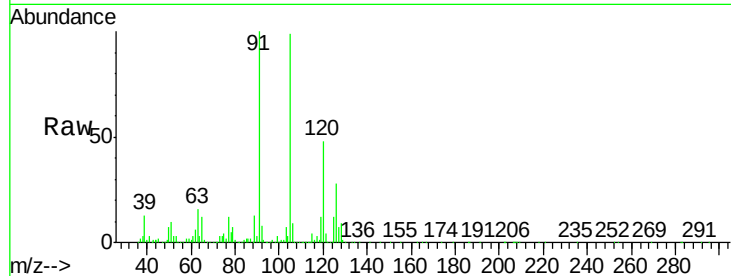
#82
4-Chlorotoluene
Concen: 45.737 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Resp	Lower	Upper
91	100	970497		
126	29.7	15.1	45.3	

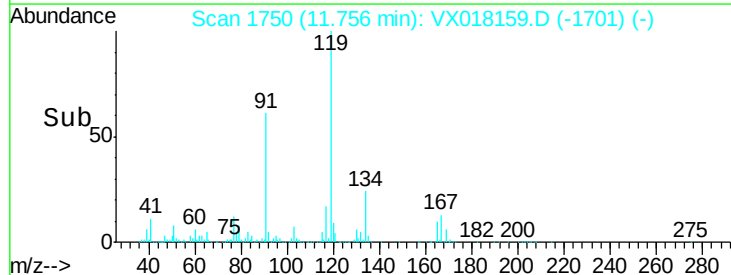
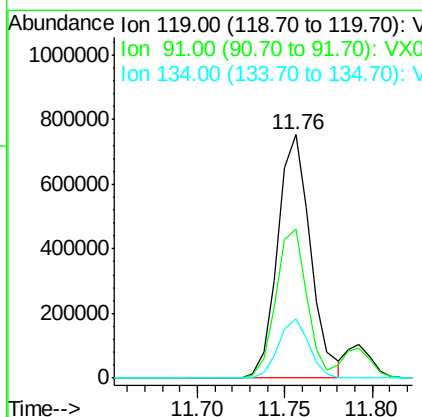
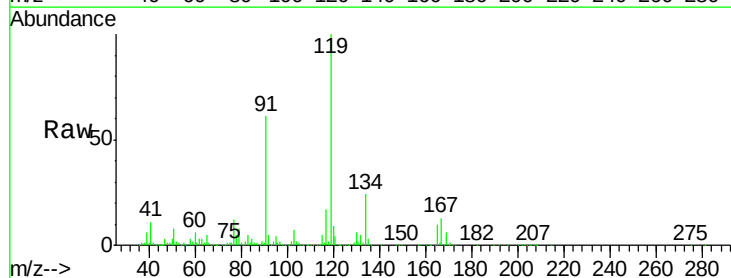
Manual Integrations
APPROVED

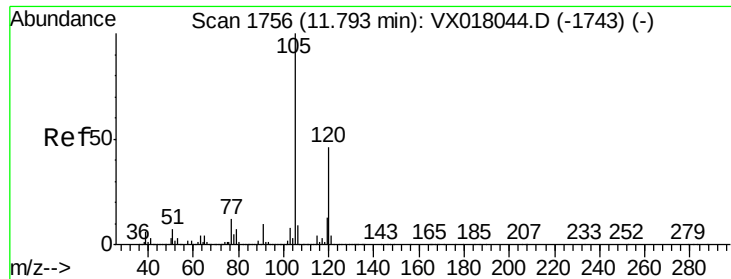
MMDadoda
9/1/2020 9:08:41 AM



#83
tert-Butylbenzene
Concen: 47.871 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	987782		
91	57.8	28.2	84.7	
134	22.6	11.3	33.8	





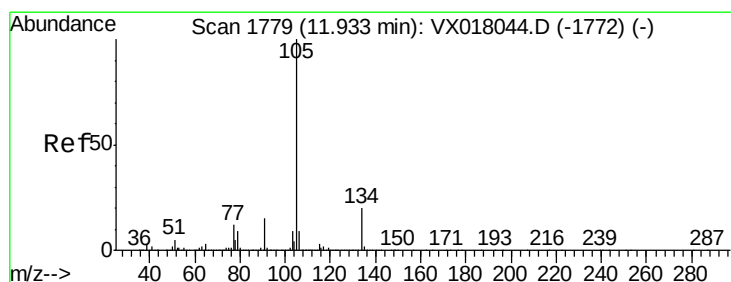
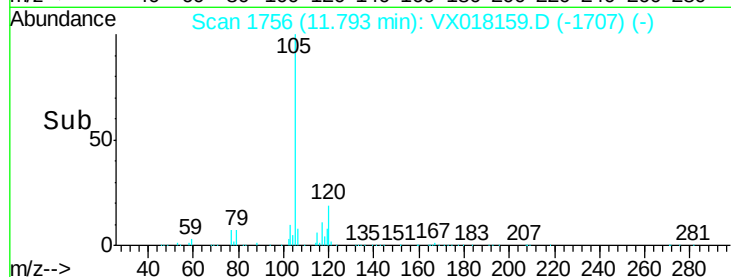
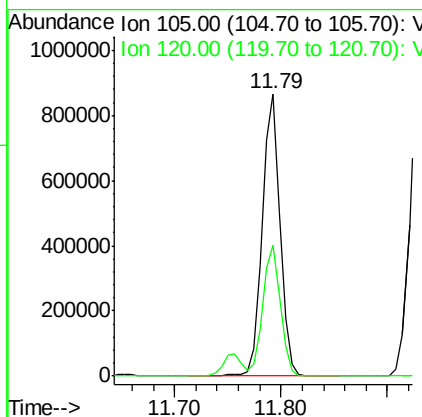
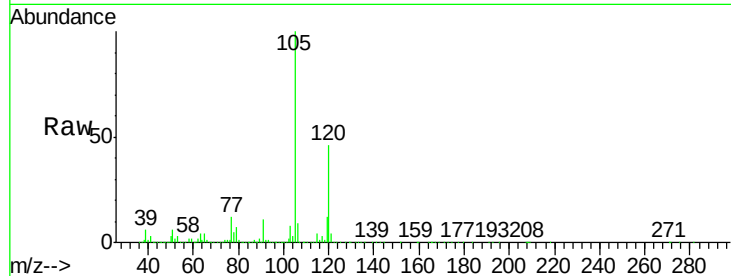
#84
 1,2,4-Trimethylbenzene
 Concen: 47.462 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion:105 Resp: 1014595
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.9

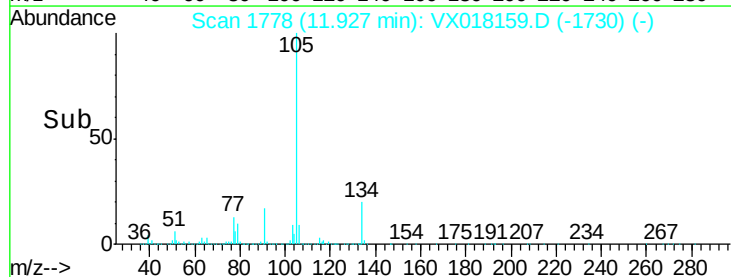
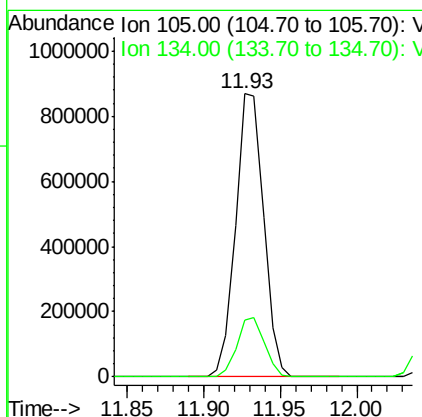
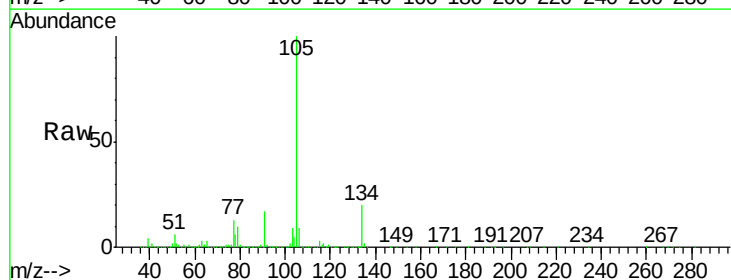
Manual Integrations
 APPROVED

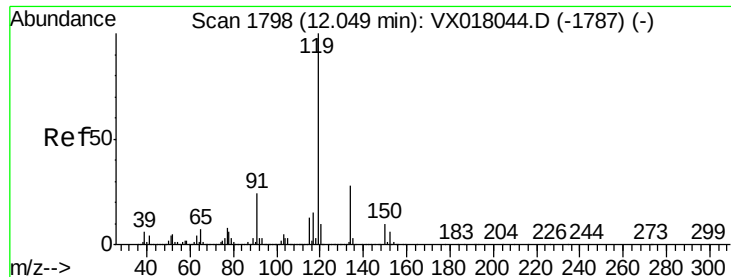
MMDadoda
 9/1/2020 9:08:41 AM



#85
 sec-Butylbenzene
 Concen: 47.091 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion:105 Resp: 1104987
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.1 30.3





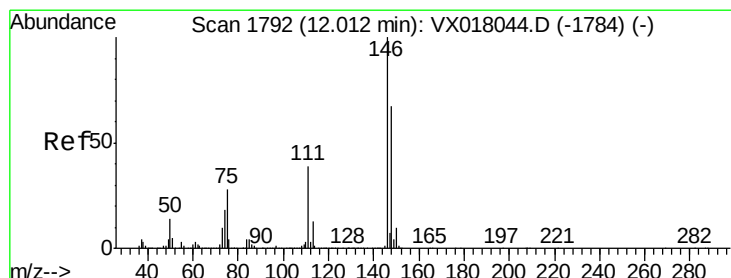
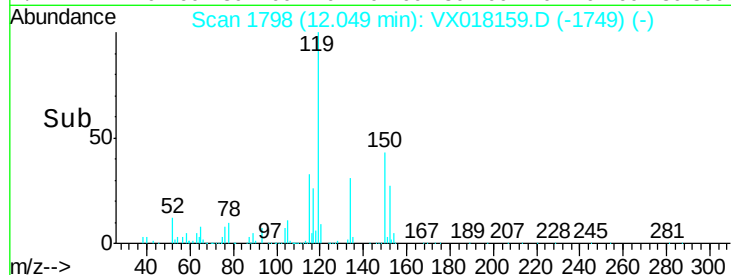
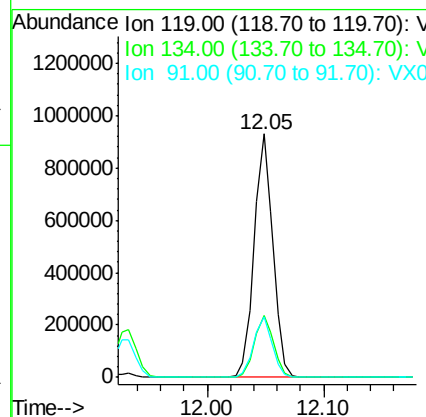
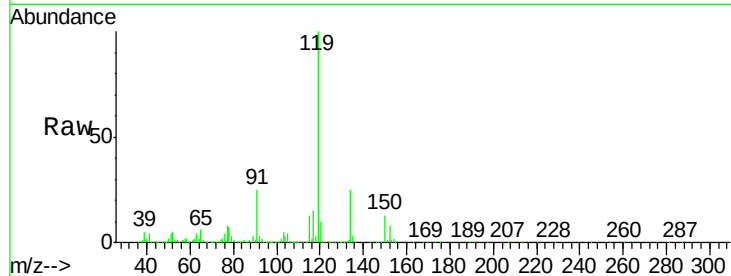
#86
 p-Isopropyltoluene
 Concen: 48.566 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.2	39.5
91	24.9	11.8	35.4

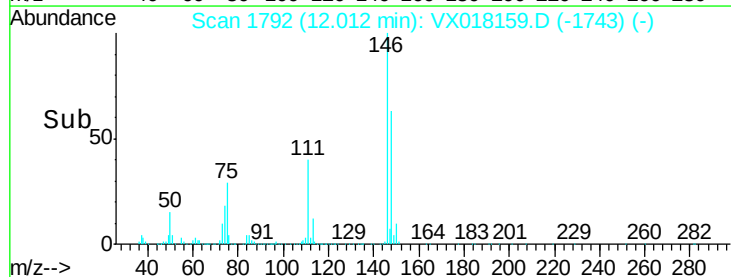
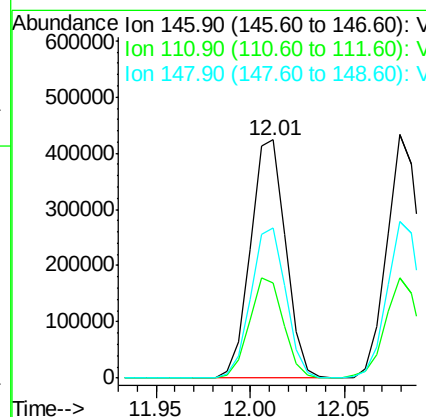
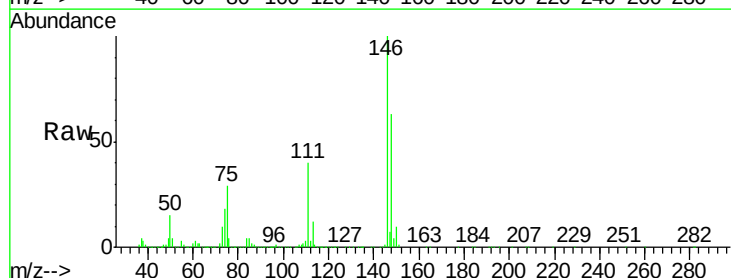
Manual Integrations
 APPROVED

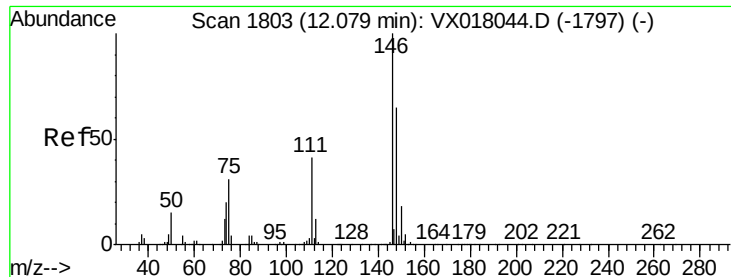
MMDadoda
 9/1/2020 9:08:41 AM



#87
 1,3-Dichlorobenzene
 Concen: 44.517 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.6	61.8
148	62.3	33.1	99.2





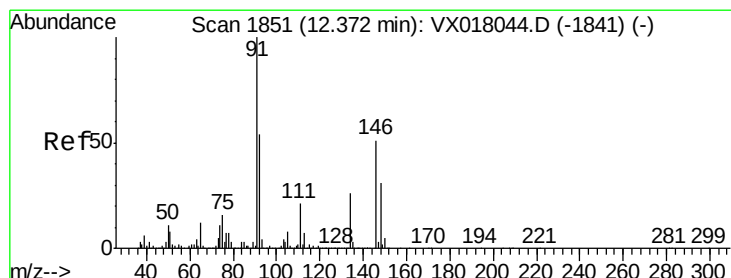
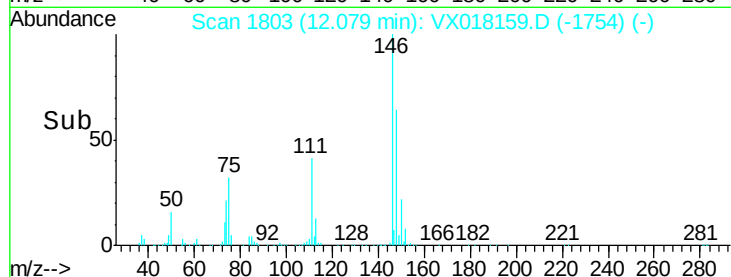
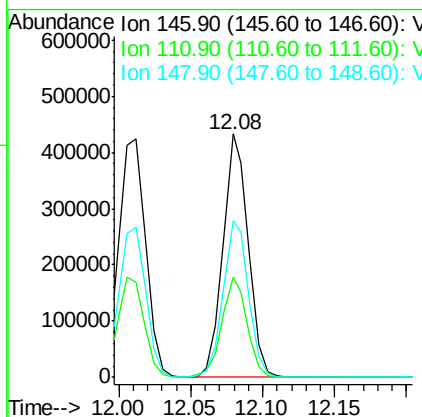
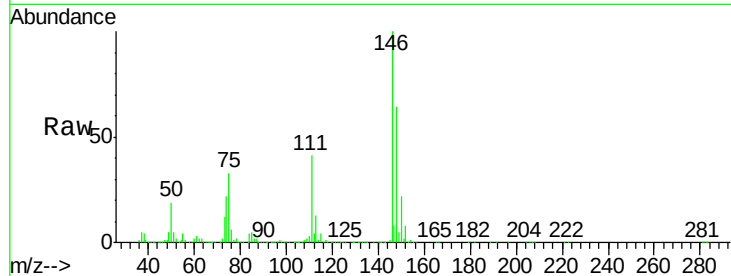
#88
 1,4-Dichlorobenzene
 Concen: 43.191 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion:	146	Resp:	534016
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	60.8
148	65.1	33.1	99.2

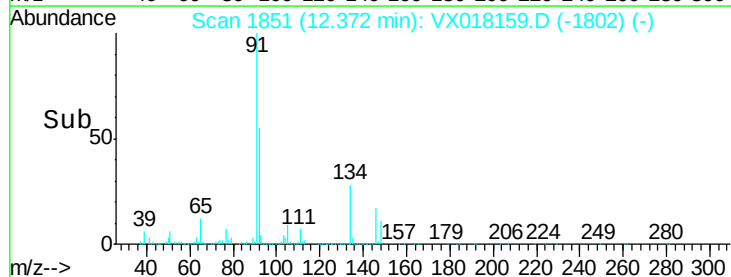
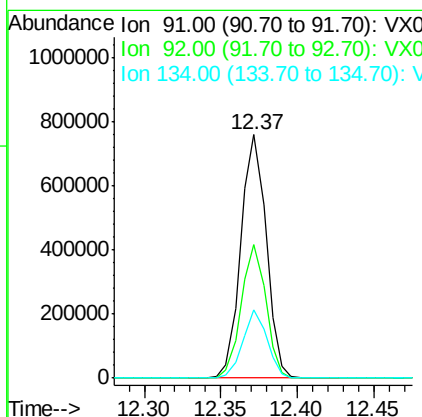
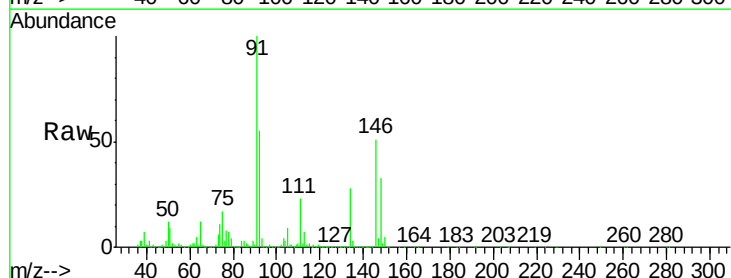
Manual Integrations
 APPROVED

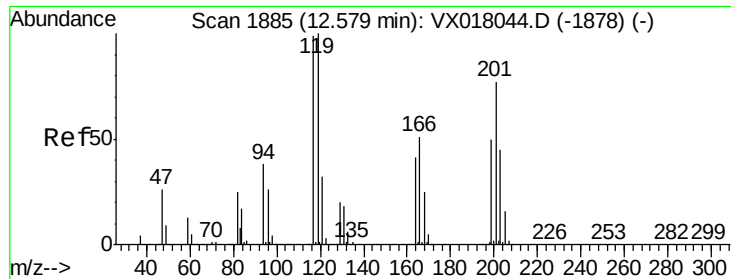
MMDadoda
 9/1/2020 9:08:41 AM



#89
 n-Butylbenzene
 Concen: 44.411 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion:	91	Resp:	873691
Ion Ratio	Lower	Upper	
91	100		
92	53.3	26.4	79.2
134	26.9	12.9	38.7





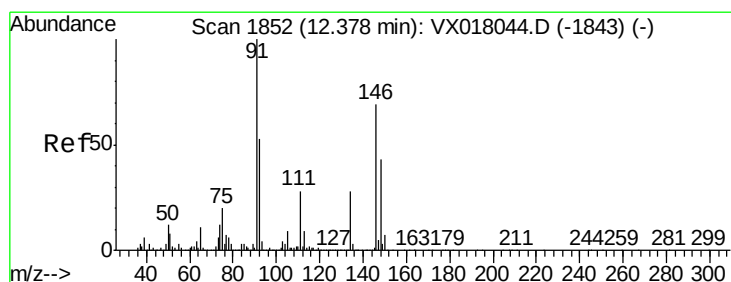
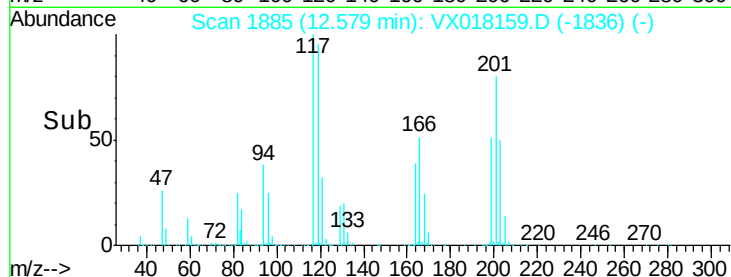
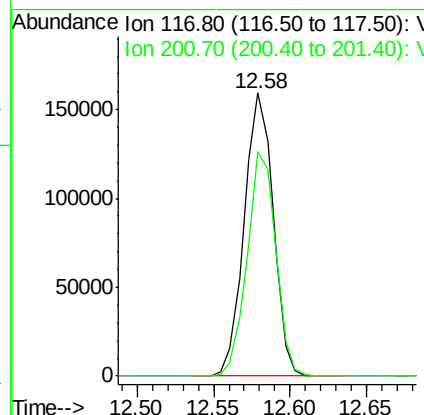
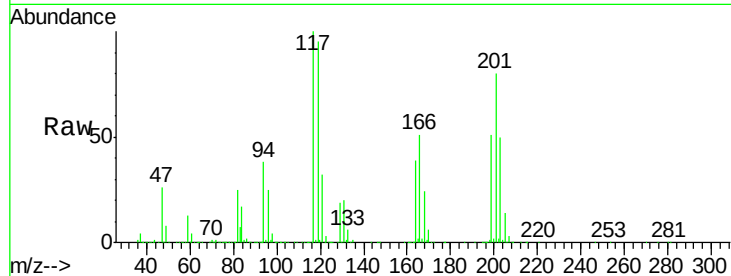
#90
Hexachloroethane
Concen: 49.270 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion:117 Resp: 208940
Ion Ratio Lower Upper
117 100
201 78.6 38.5 115.3

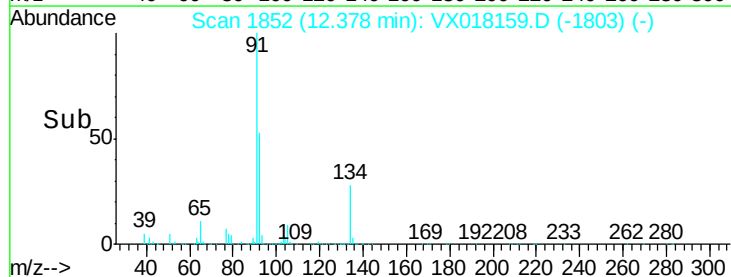
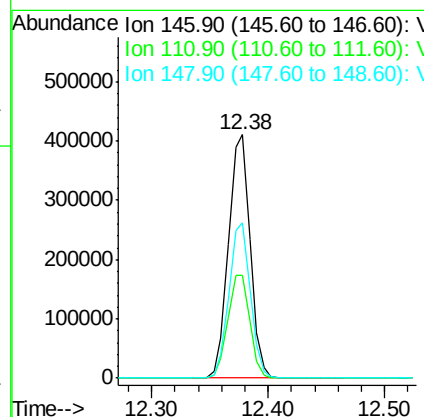
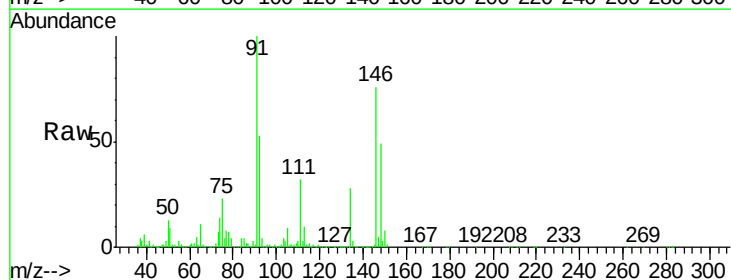
Manual Integrations
APPROVED

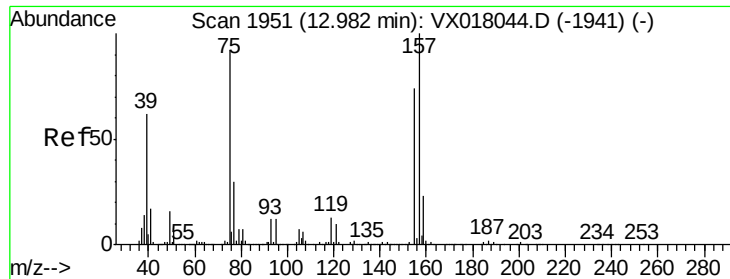
MMDadoda
9/1/2020 9:08:41 AM



#91
1,2-Dichlorobenzene
Concen: 45.418 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion:146 Resp: 527933
Ion Ratio Lower Upper
146 100
111 43.1 20.8 62.5
148 63.4 31.6 95.0





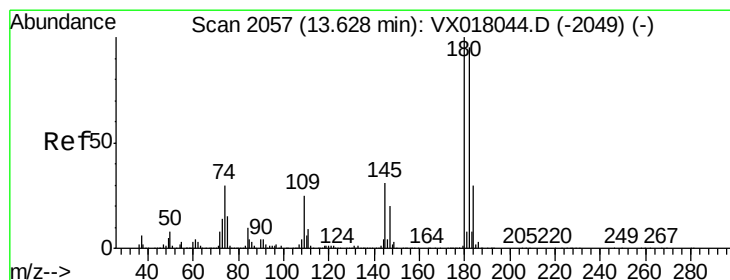
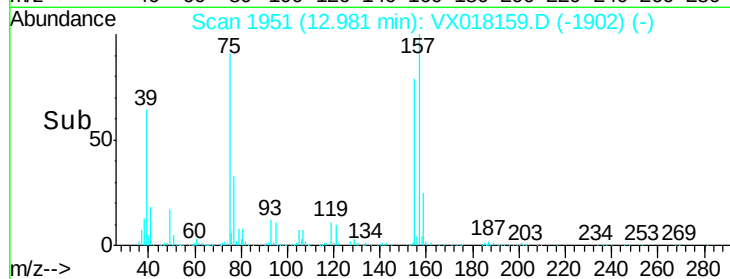
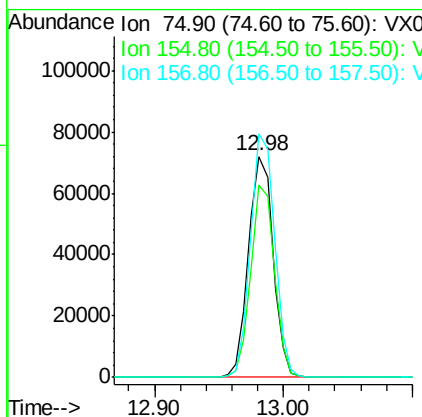
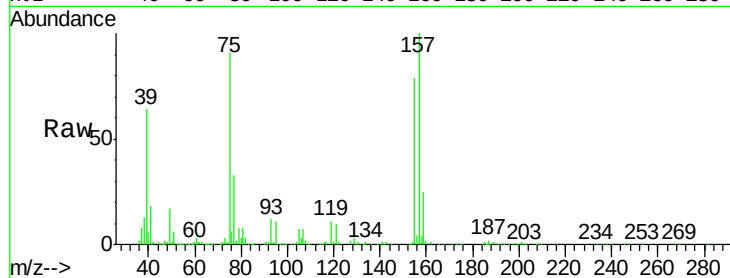
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.213 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	83.5	40.2	120.6
157	108.2	55.0	165.2

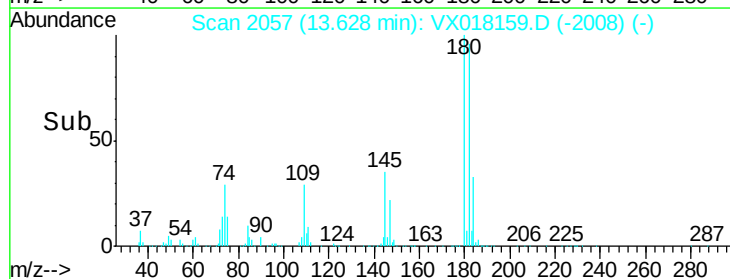
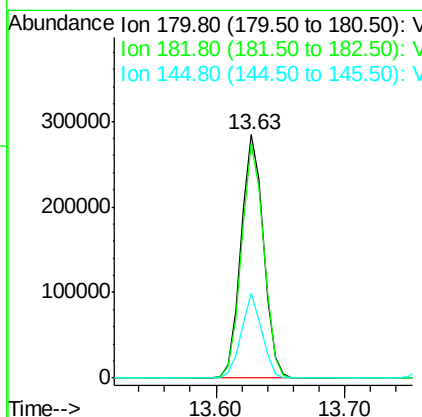
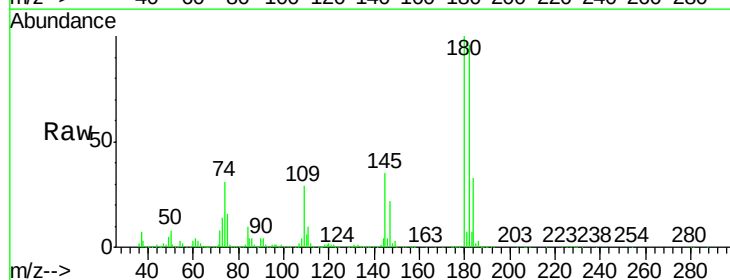
Manual Integrations
 APPROVED

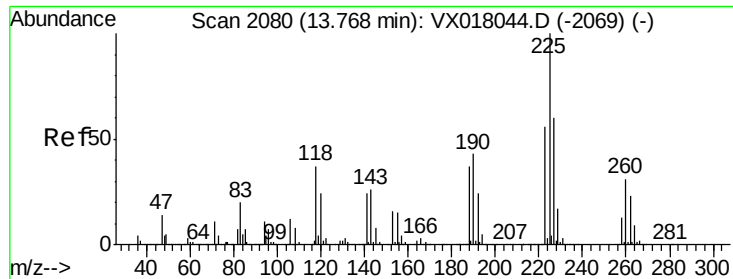
MMDadoda
 9/1/2020 9:08:41 AM



#93
 1,2,4-Trichlorobenzene
 Concen: 43.999 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.5	142.6
145	32.1	15.7	47.1





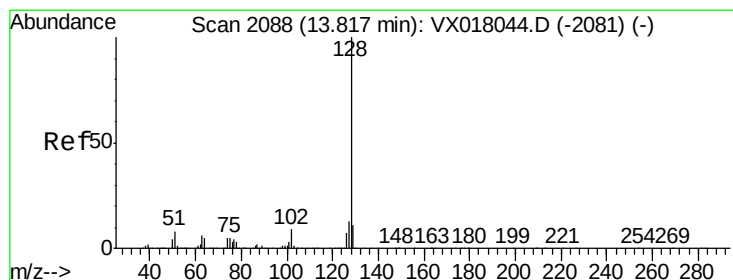
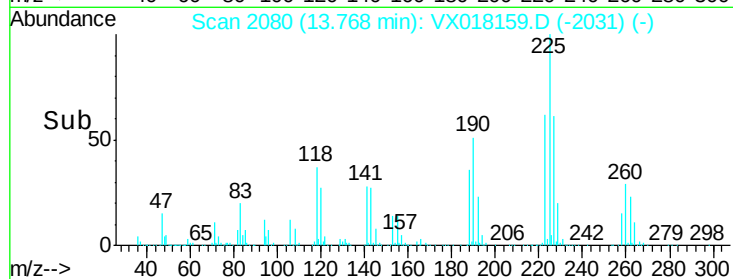
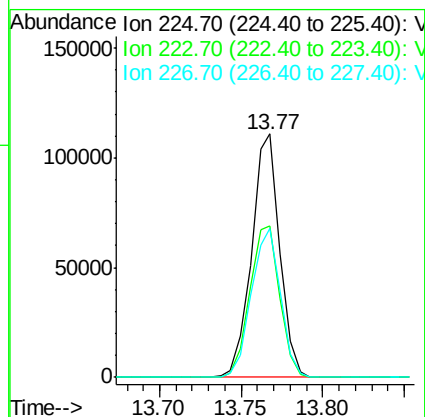
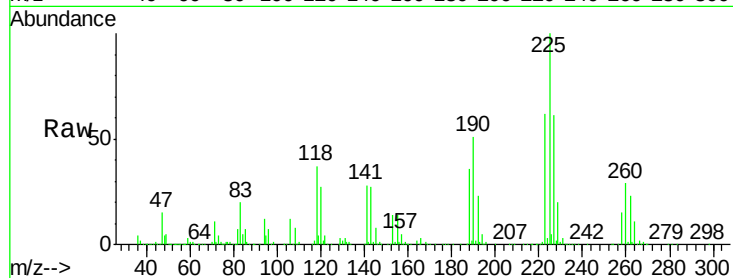
#94
Hexachlorobutadiene
Concen: 43.598 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Instrument :
MSVOA_X
ClientSampleId :
GR-OF-20200827MSD

Tot Ion	Ratio	Lower	Upper
225	100		
223	66.3	30.7	92.1
227	63.1	32.6	97.8

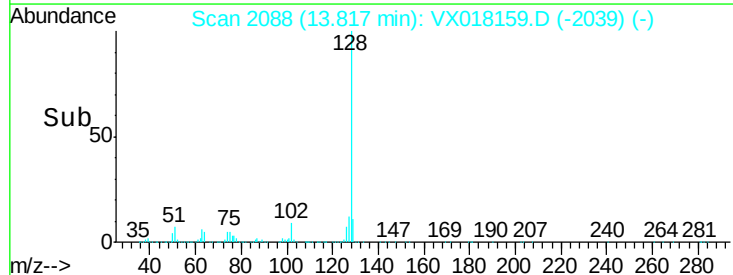
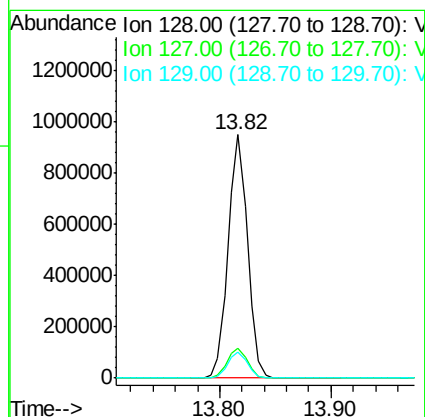
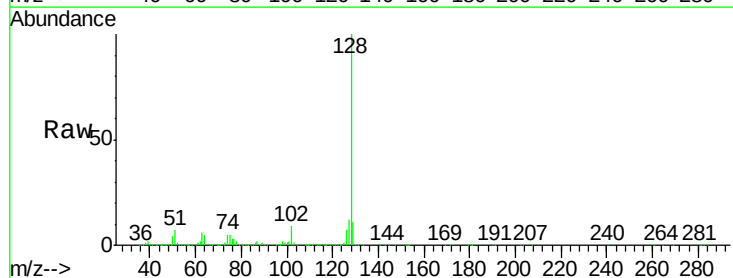
Manual Integrations
APPROVED

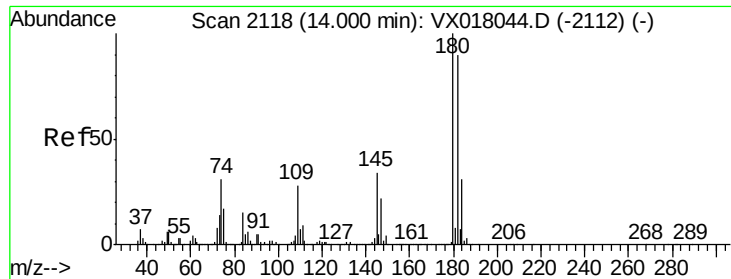
MMDadoda
9/1/2020 9:08:41 AM



#95
Naphthalene
Concen: 44.748 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018159.D
Acq: 31 Aug 2020 19:42

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	10.9	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 45.716 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VX018159.D
 Acq: 31 Aug 2020 19:42

Instrument :
 MSVOA_X
 ClientSampleId :
 GR-OF-20200827MSD

Tot Ion:	180	Resp:	350131
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.3	142.0
145	32.4	17.5	52.6

Manual Integrations
 APPROVED

MMDadoda
 9/1/2020 9:08:41 AM

