

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
 Data File : VX018337.D
 Acq On : 10 Sep 2020 12:34
 Operator : JC/SP
 Sample : VX0910WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:19 AM

Quant Time: Sep 11 07:12:15 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	391299	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	597963	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	574281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	309679	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	278976	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	5.47	113	213701	52.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.96%	
50) Toluene-d8	8.70	98	740657	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	
62) 4-Bromofluorobenzene	11.12	95	290764	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	91215	19.146	ug/l	99
3) Chloromethane	1.31	50	83804	16.685	ug/l	96
4) Vinyl Chloride	1.39	62	89203	17.841	ug/l	100
5) Bromomethane	1.64	94	55712	23.101	ug/l	97
6) Chloroethane	1.71	64	53960	20.094	ug/l	97
7) Trichlorofluoromethane	1.92	101	151346	22.199	ug/l	100
8) Diethyl Ether	2.17	74	47632	20.601	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77678	21.075	ug/l	97
10) Methyl Iodide	2.49	142	61387	19.207	ug/l	95
11) Tert butyl alcohol	3.01	59	97600	92.405	ug/l	100
12) 1,1-Dichloroethene	2.35	96	73427	19.202	ug/l	91
13) Acrolein	2.28	56	55538	126.812	ug/l	98
14) Allyl chloride	2.71	41	130429	18.985	ug/l	96
15) Acrylonitrile	3.12	53	228303	95.288	ug/l	97
16) Acetone	2.42	43	216225	102.151	ug/l	96
17) Carbon Disulfide	2.55	76	199963	17.298	ug/l	100
18) Methyl Acetate	2.75	43	116130	22.735	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	265410	20.238	ug/l	100
20) Methylene Chloride	2.84	84	87807	19.577	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	81878	19.326	ug/l	97
22) Diisopropyl ether	3.82	45	274167	20.219	ug/l	# 88
23) Vinyl Acetate	3.79	43	1159348	96.087	ug/l	99
24) 1,1-Dichloroethane	3.67	63	156796	20.313	ug/l	99
25) 2-Butanone	4.63	43	325428	93.547	ug/l	98
26) 2,2-Dichloropropane	4.55	77	143246	22.809	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	92547	18.959	ug/l	99
28) Bromochloromethane	4.98	49	67124	18.016	ug/l	95
29) Tetrahydrofuran	5.09	42	196486	88.726	ug/l	96
30) Chloroform	5.18	83	166717	20.859	ug/l	97
31) Cyclohexane	5.55	56	116031	17.845	ug/l	96
32) 1,1,1-Trichloroethane	5.47	97	152444	20.784	ug/l	99
36) 1,1-Dichloropropene	5.77	75	110073	19.958	ug/l	97
37) Ethyl Acetate	4.79	43	123330	19.253	ug/l	99
38) Carbon Tetrachloride	5.76	117	140264	22.567	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091020\
 Data File : VX018337.D
 Acq On : 10 Sep 2020 12:34
 Operator : JC/SP
 Sample : VX0910WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 10:13:19 AM

Quant Time: Sep 11 07:12:15 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	114831	19.041	ug/l	98
40) Benzene	6.11	78	326712	20.160	ug/l	98
41) Methacrylonitrile	5.00	41	65950	18.751	ug/l	94
42) 1,2-Dichloroethane	6.17	62	137666	22.171	ug/l	98
43) Isopropyl Acetate	6.42	43	196191	18.962	ug/l	98
44) Trichloroethene	7.19	130	92331	20.163	ug/l	97
45) 1,2-Dichloropropane	7.49	63	89251	20.434	ug/l	95
46) Dibromomethane	7.64	93	62932	20.489	ug/l	98
47) Bromodichloromethane	7.87	83	133877	21.829	ug/l	98
48) Methyl methacrylate	7.75	41	94669	18.380	ug/l	96
49) 1,4-Dioxane	7.71	88	36450	390.688	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	638976	99.980	ug/l	100
52) Toluene	8.77	92	204235	19.874	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	140569	20.681	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	147181	20.441	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	92522	21.111	ug/l	98
56) Ethyl methacrylate	9.16	69	123847	19.008	ug/l	98
57) 1,3-Dichloropropane	9.35	76	146682	20.292	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	296195	101.058	ug/l	99
59) 2-Hexanone	9.47	43	481433	99.067	ug/l	99
60) Dibromochloromethane	9.57	129	108764	21.155	ug/l	98
61) 1,2-Dibromoethane	9.65	107	94843	19.933	ug/l	100
64) Tetrachloroethene	9.32	164	87683	20.777	ug/l	95
65) Chlorobenzene	10.12	112	228721	19.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	96939	21.444	ug/l	97
67) Ethyl Benzene	10.24	91	390595	20.025	ug/l	100
68) m/p-Xylenes	10.34	106	296008	40.659	ug/l	95
69) o-Xylene	10.68	106	141719	20.081	ug/l	96
70) Styrene	10.69	104	243187	20.234	ug/l	97
71) Bromoform	10.84	173	82924	21.506	ug/l #	99
73) Isopropylbenzene	11.00	105	393896	19.283	ug/l	99
74) N-amyl acetate	10.88	43	169480	17.487	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	133032	18.462	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	130917m	19.004	ug/l	
77) Bromobenzene	11.24	156	108186	19.160	ug/l	96
78) n-propylbenzene	11.34	91	443135	19.106	ug/l	100
79) 2-Chlorotoluene	11.40	91	275064	19.196	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	338824	20.185	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	46422	18.200	ug/l	94
82) 4-Chlorotoluene	11.49	91	334728	19.649	ug/l	99
83) tert-Butylbenzene	11.76	119	319360	19.279	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	349099	20.342	ug/l	97
85) sec-Butylbenzene	11.93	105	373765	19.841	ug/l	100
86) p-Isopropyltoluene	12.05	119	349991	20.226	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	194455	19.615	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	193633	19.508	ug/l	97
89) n-Butylbenzene	12.37	91	297428	18.832	ug/l	98
90) Hexachloroethane	12.58	117	70398	20.678	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	181394	19.438	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	33098	18.370	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091020\
Data File : VX018337.D
Acq On : 10 Sep 2020 12:34
Operator : JC/SP
Sample : VX0910WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

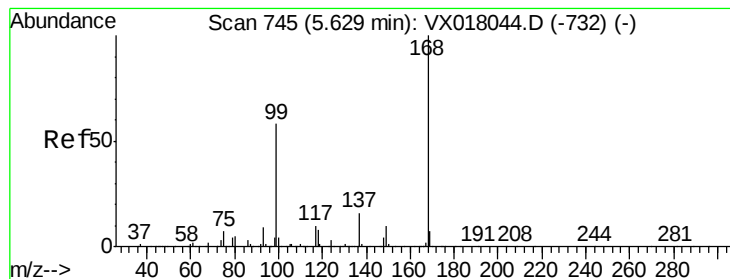
Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM

Quant Time: Sep 11 07:12:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	115625	18.581	ug/l	98
94) Hexachlorobutadiene	13.77	225	50216	20.459	ug/l	94
95) Naphthalene	13.82	128	354928	17.331	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	112807	18.347	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion:168 Resp: 391299

Ion Ratio Lower Upper

168 100

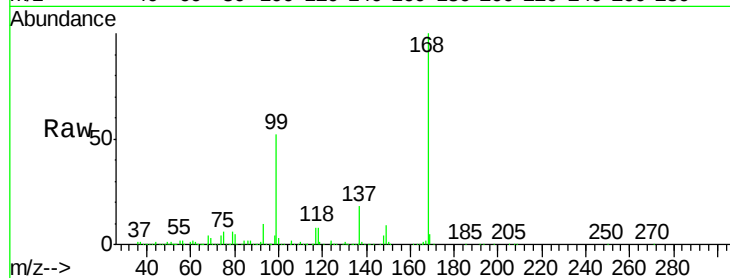
99 52.2 46.3 69.5

Manual Integrations

APPROVED

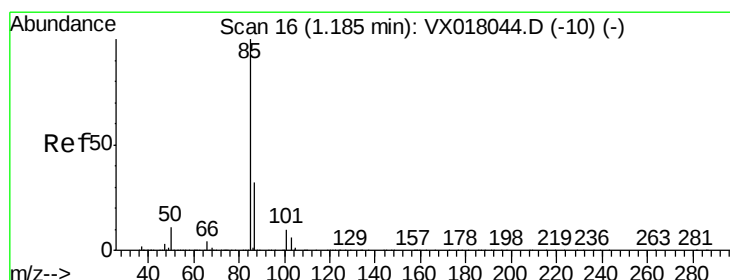
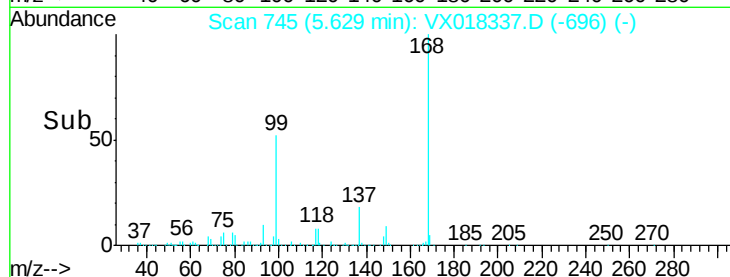
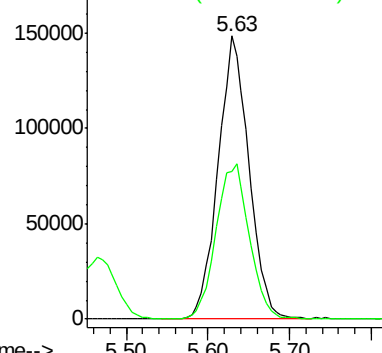
MMDadoda

9/11/2020 10:13:19 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.146 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018337.D

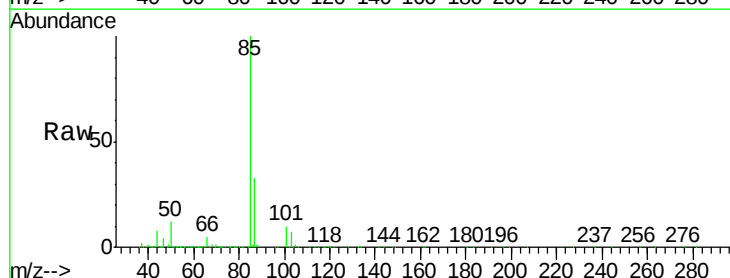
Acq: 10 Sep 2020 12:34

Tgt Ion: 85 Resp: 91215

Ion Ratio Lower Upper

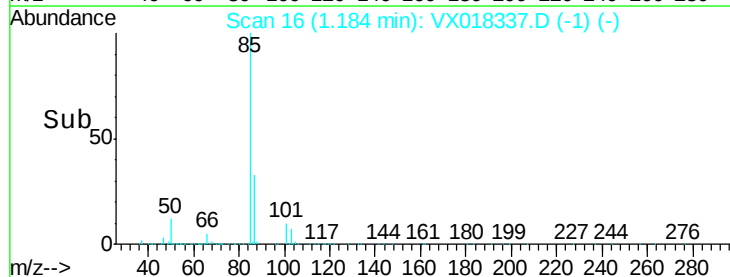
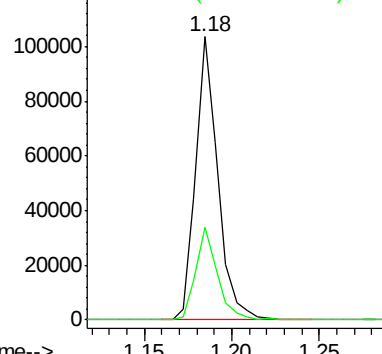
85 100

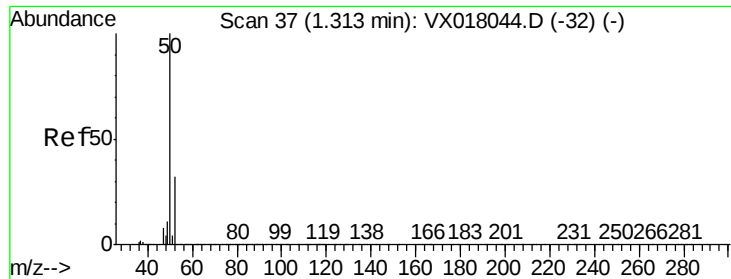
87 32.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.685 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 50 Resp: 83804

Ion Ratio Lower Upper

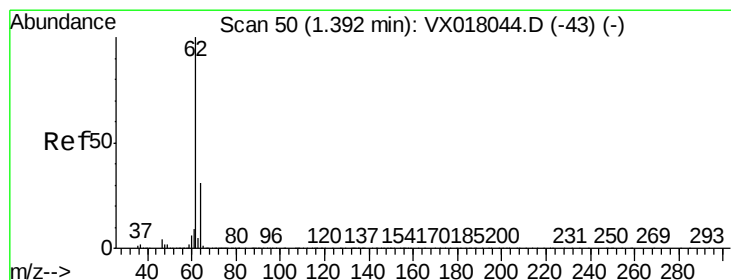
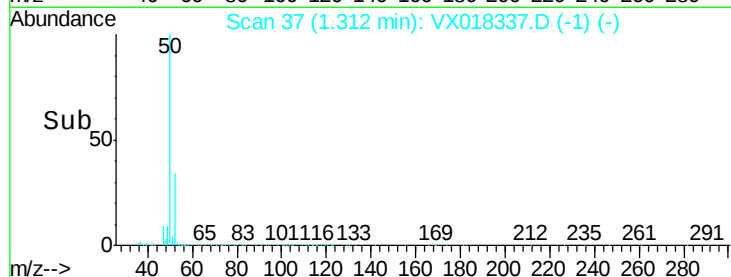
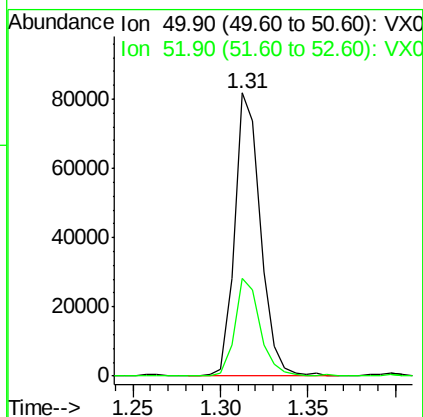
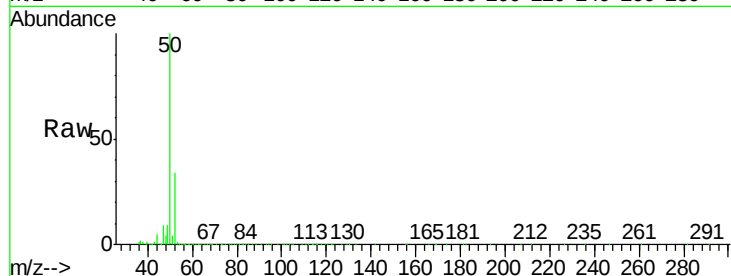
50 100

52 34.2 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#4

Vinyl Chloride

Concen: 17.841 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018337.D

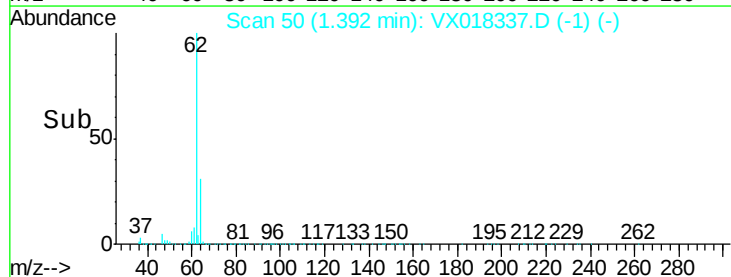
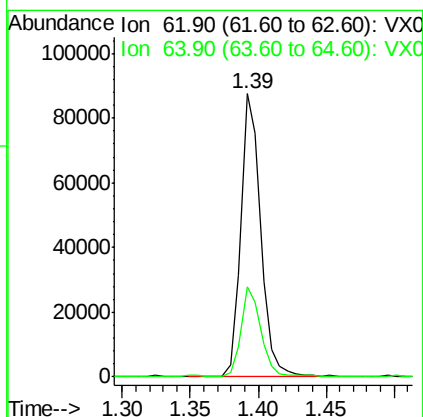
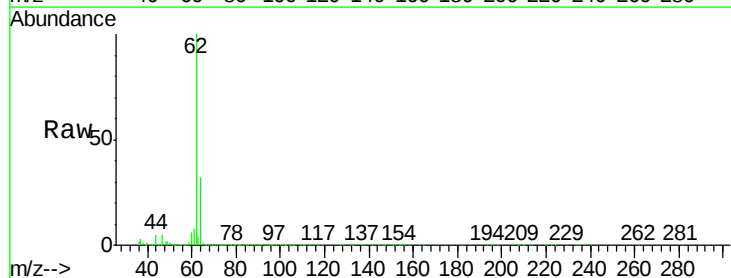
Acq: 10 Sep 2020 12:34

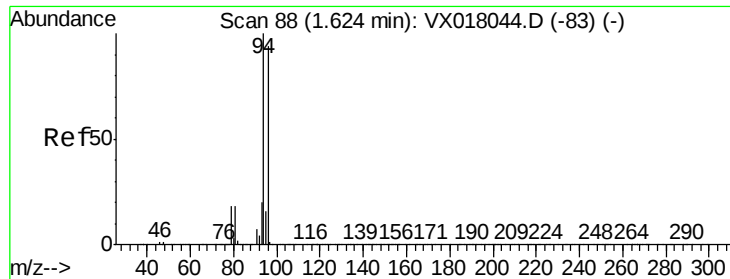
Tgt Ion: 62 Resp: 89203

Ion Ratio Lower Upper

62 100

64 31.5 25.1 37.7





#5

Bromomethane

Concen: 23.101 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 94 Resp: 55712

Ion Ratio Lower Upper

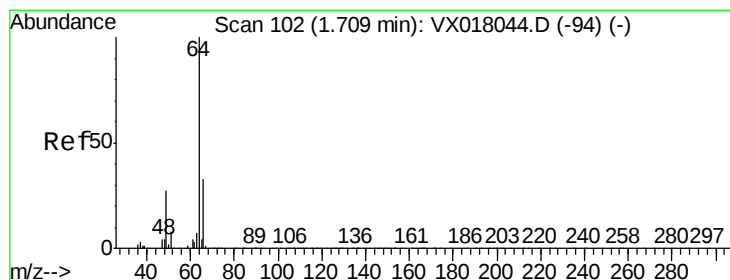
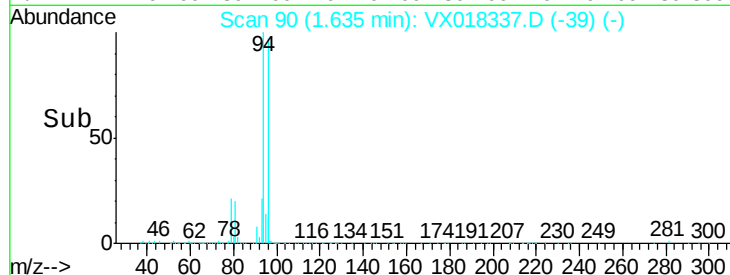
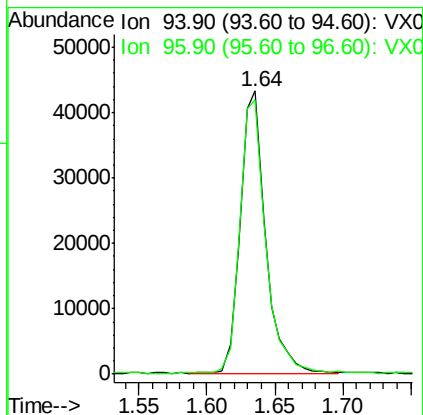
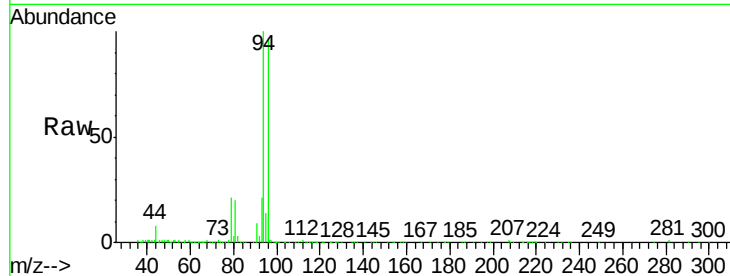
94 100

96 96.9 74.8 112.2

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#6

Chloroethane

Concen: 20.094 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018337.D

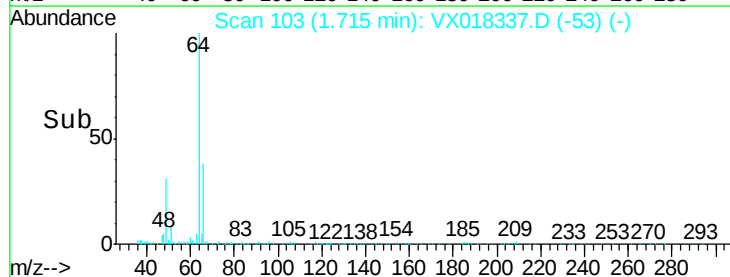
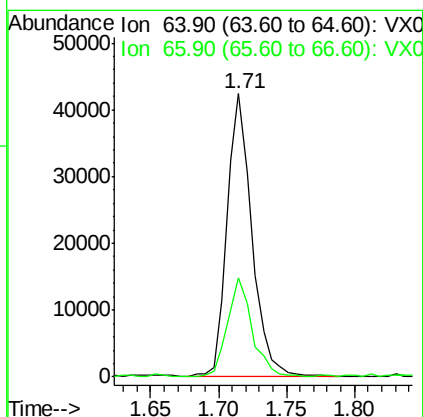
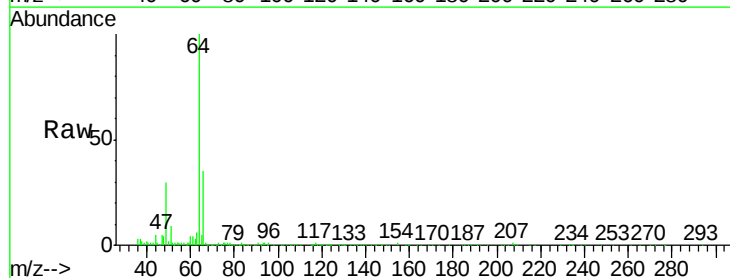
Acq: 10 Sep 2020 12:34

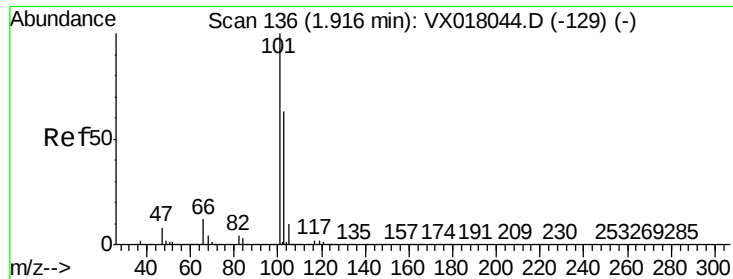
Tgt Ion: 64 Resp: 53960

Ion Ratio Lower Upper

64 100

66 34.8 26.6 39.8





#7

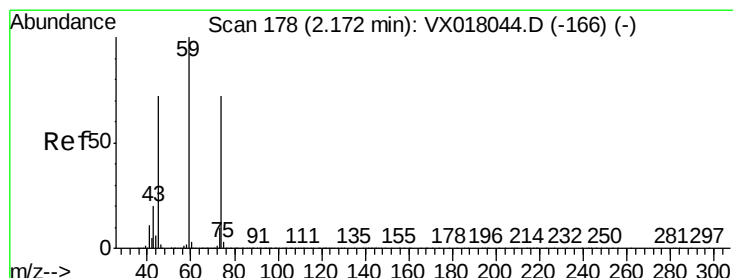
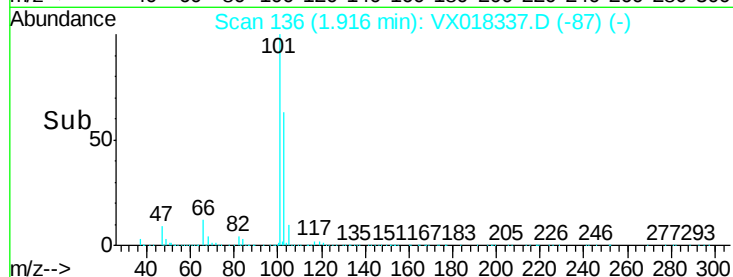
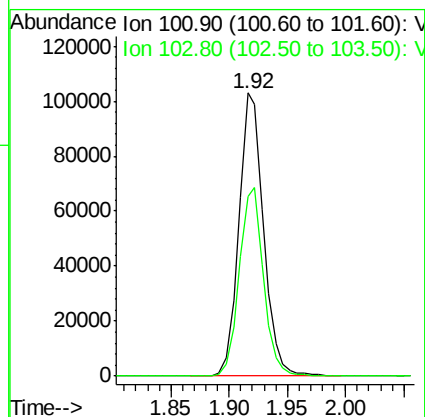
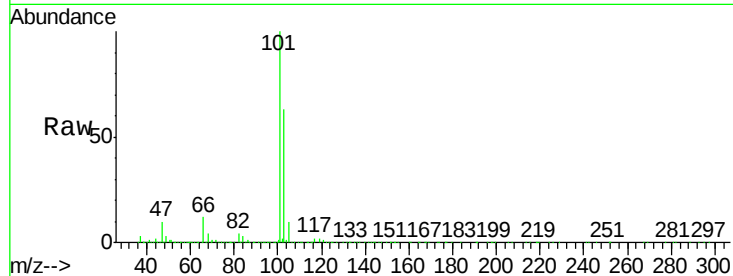
Trichlorofluoromethane
Concen: 22.199 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		151346		
103	63.3	50.7	76.1		

Manual Integrations
APPROVED

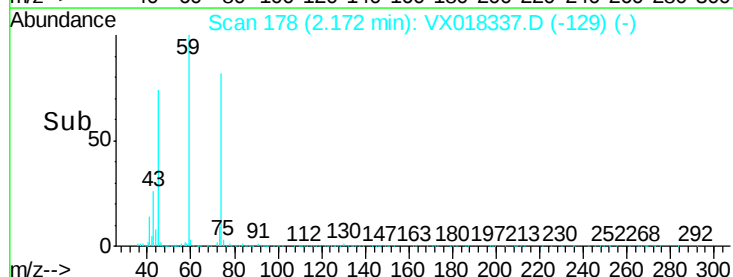
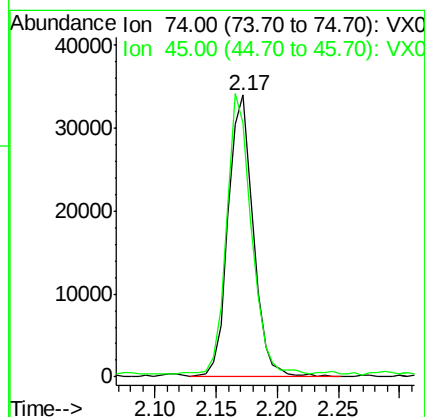
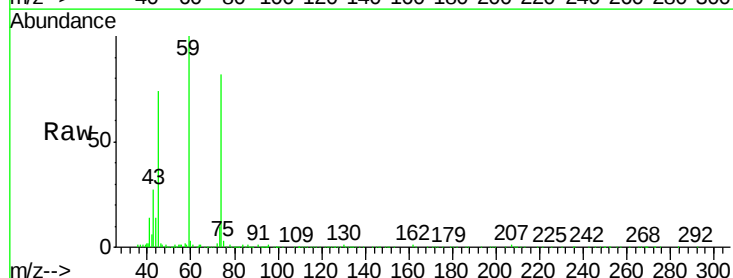
MMDadoda
9/11/2020 10:13:19 AM

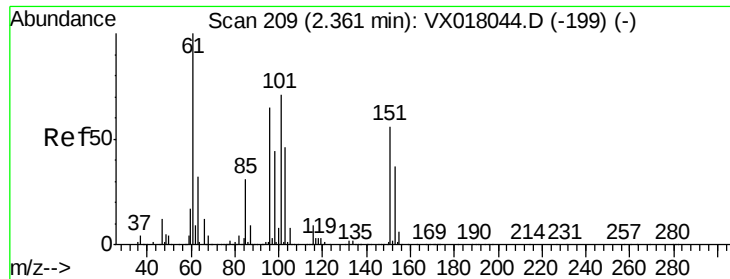


#8

Diethyl Ether
Concen: 20.601 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		47632		
45	99.6	50.7	152.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.075 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

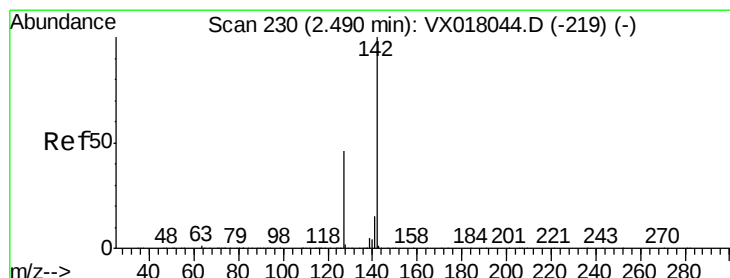
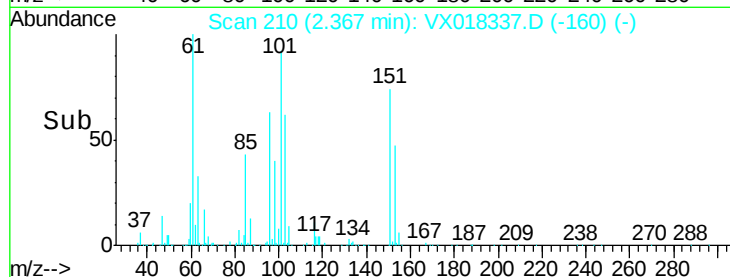
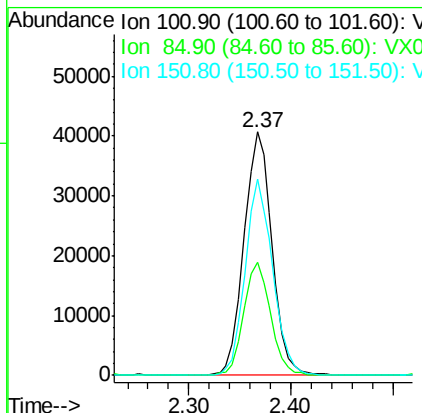
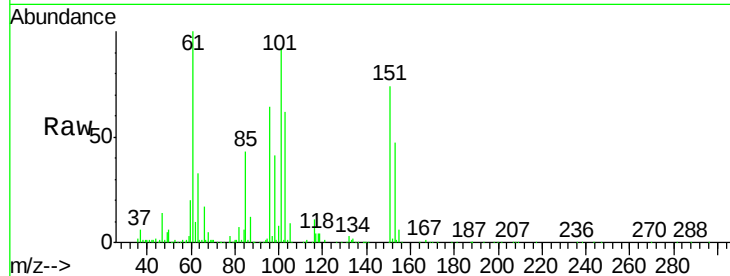
ClientSampleId :

VX0910WBS01

Tot Ion:	101	Resp:	77678
Ion Ratio	Lower	Upper	
101	100		
85	44.9	34.0	51.0
151	79.3	65.2	97.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#10

Methyl Iodide

Concen: 19.207 ug/l

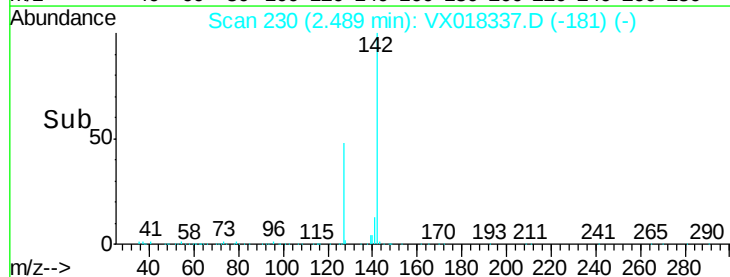
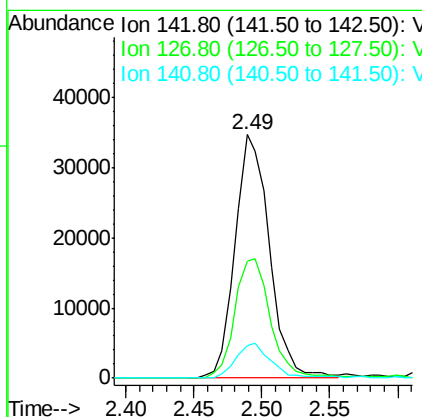
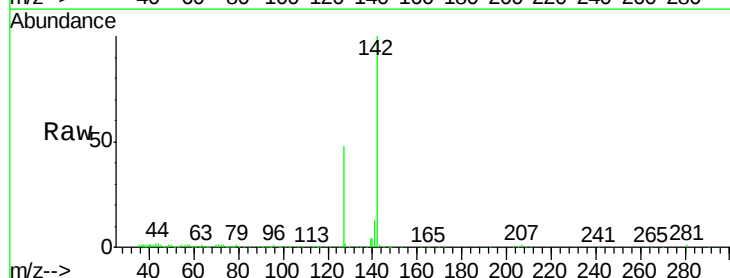
RT: 2.49 min Scan# 230

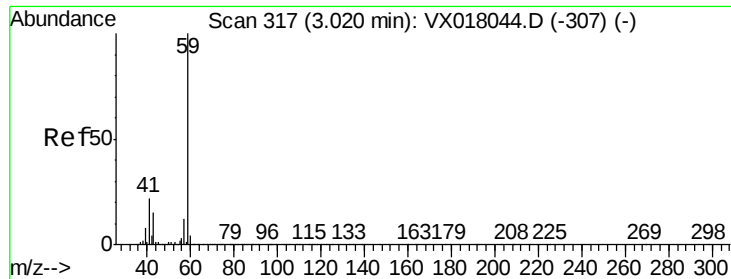
Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	142	Resp:	61387
Ion Ratio	Lower	Upper	
142	100		
127	50.5	37.0	55.6
141	14.4	11.5	17.3





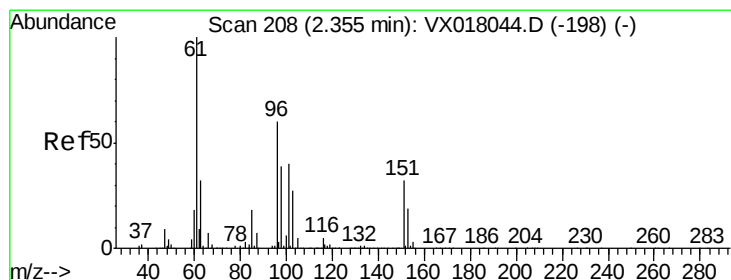
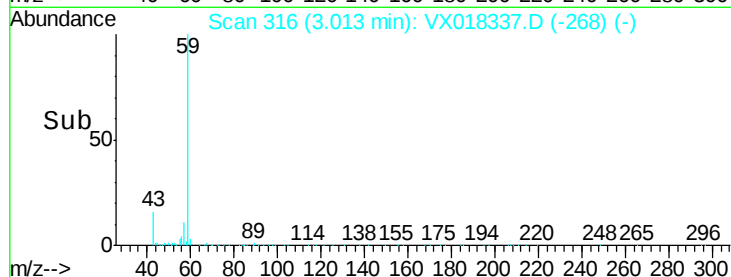
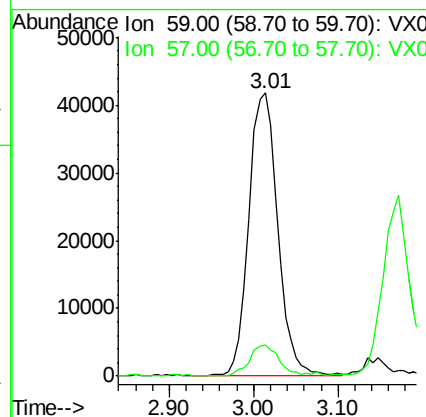
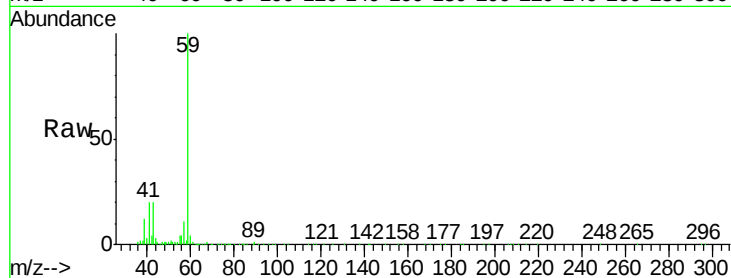
#11
Tert butyl alcohol
Concen: 92.405 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	59	Resp	97600
Ion Ratio	100	Lower	Upper
57	11.0	8.9	13.3

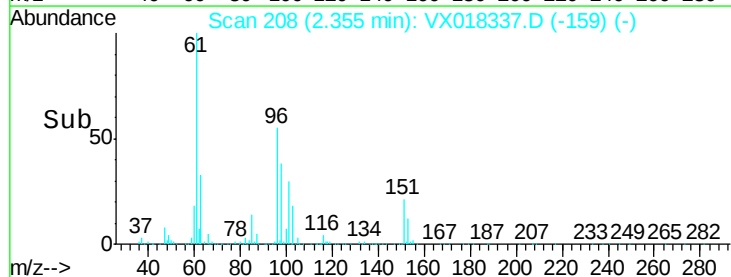
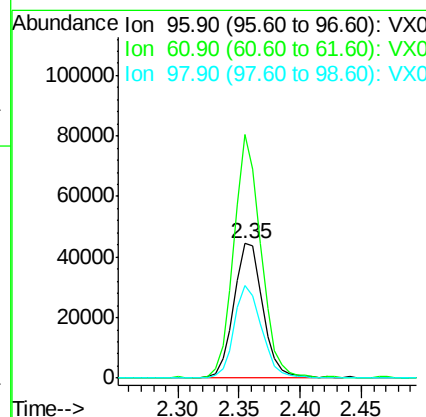
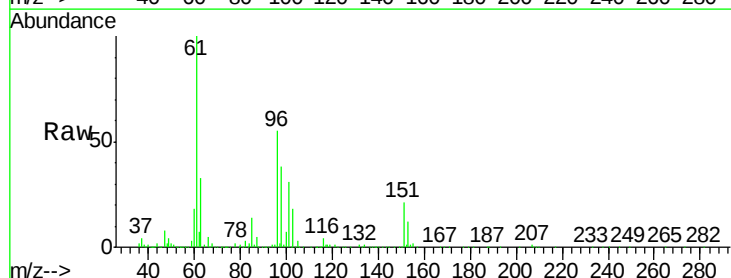
Manual Integrations
APPROVED

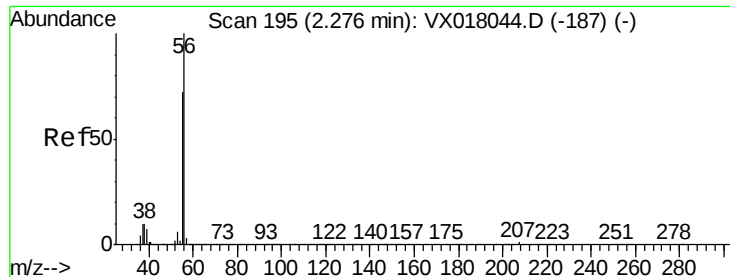
MMDadoda
9/11/2020 10:13:19 AM



#12
1,1-Dichloroethene
Concen: 19.202 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	96	Resp	73427
Ion Ratio	100	Lower	Upper
61	180.5	133.0	199.4
98	69.0	51.6	77.4





#13

Acrolein

Concen: 126.812 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 56 Resp: 55538

Ion Ratio Lower Upper

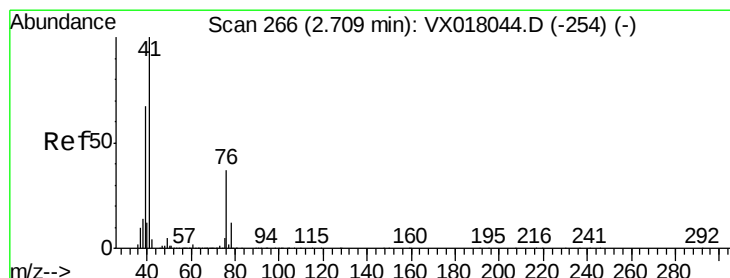
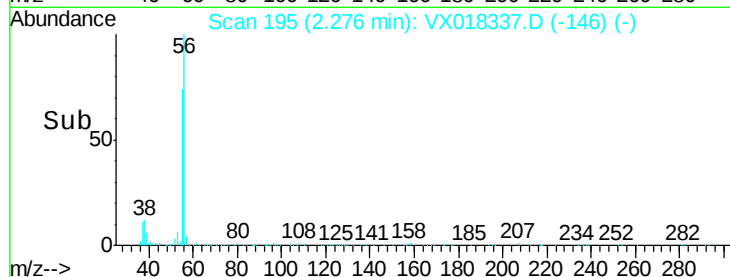
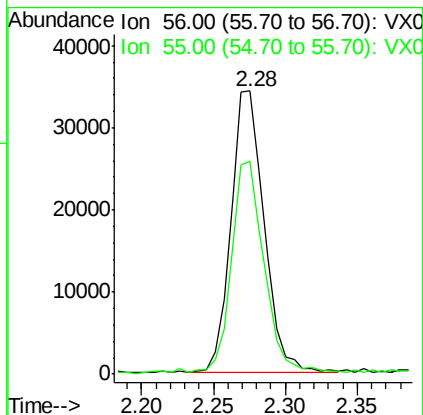
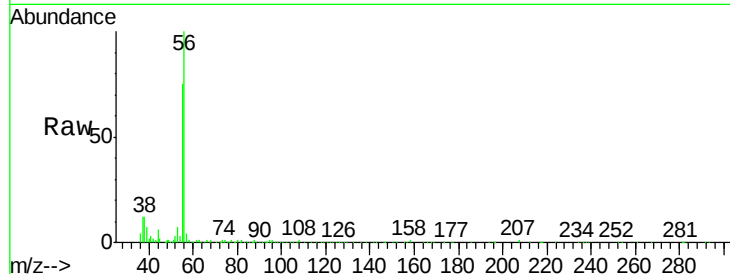
56 100

55 73.0 57.0 85.6

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#14

Allyl chloride

Concen: 18.985 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

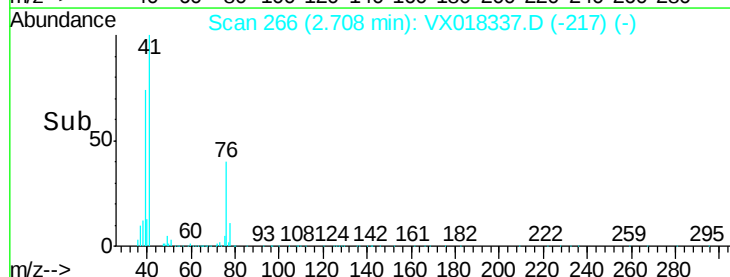
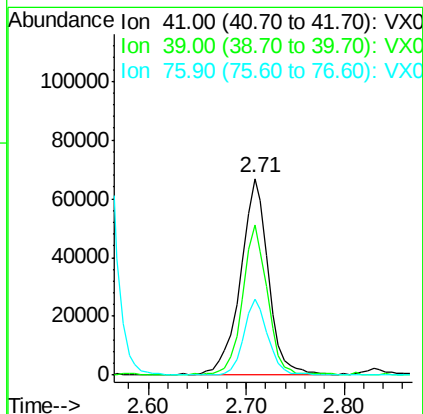
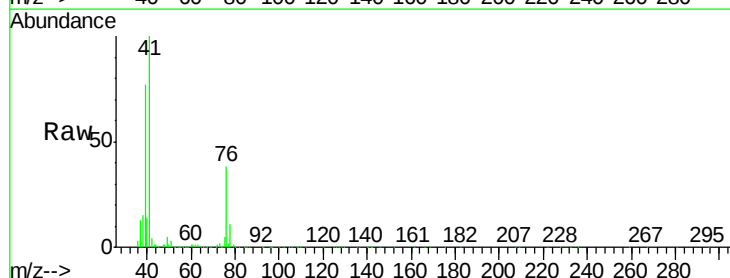
Tgt Ion: 41 Resp: 130429

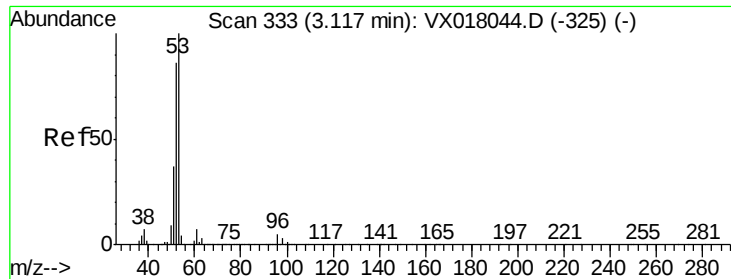
Ion Ratio Lower Upper

41 100

39 68.0 50.6 76.0

76 33.2 26.2 39.2





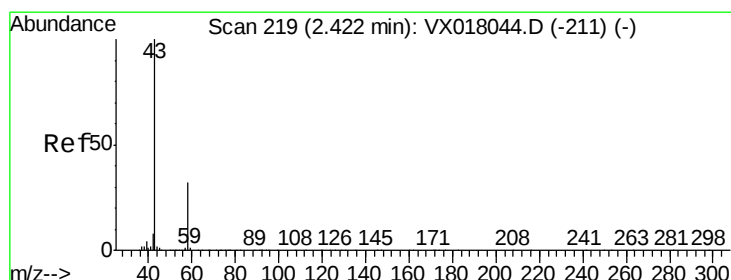
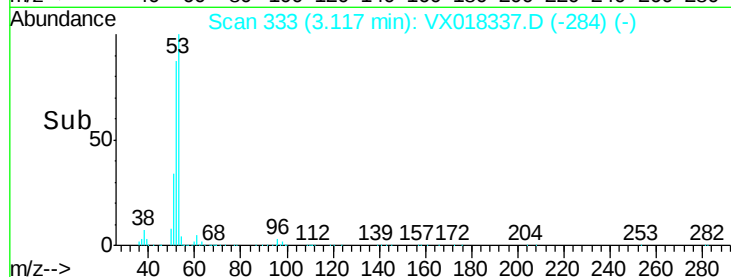
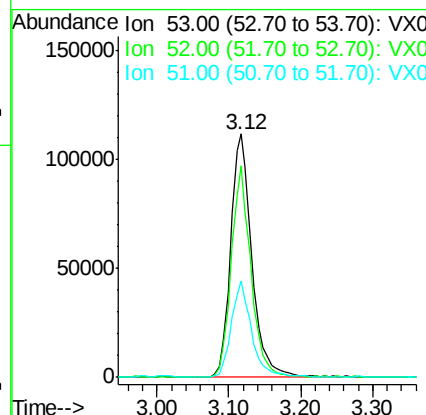
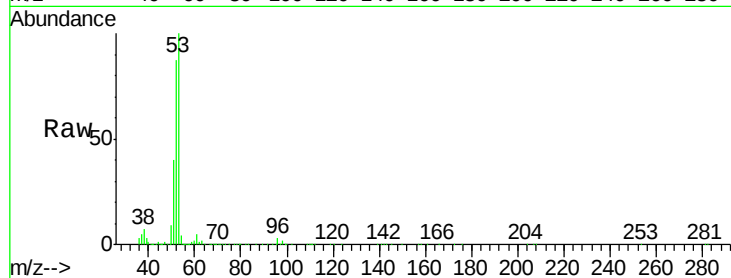
#15
 Acrylonitrile
 Concen: 95.288 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0910WBS01

Tot Ion:	53	Resp:	228303
Ion Ratio	Lower	Upper	
53	100		
52	81.0	66.9	100.3
51	38.6	28.7	43.1

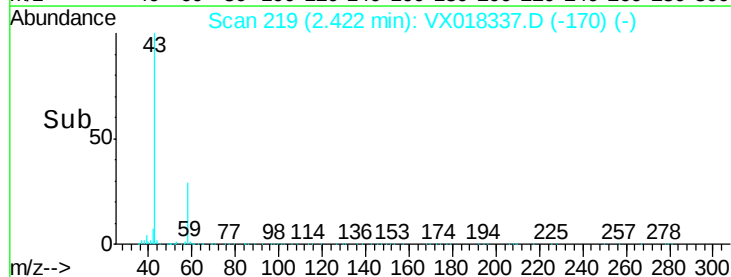
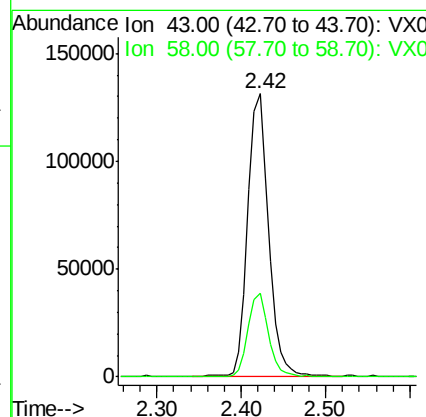
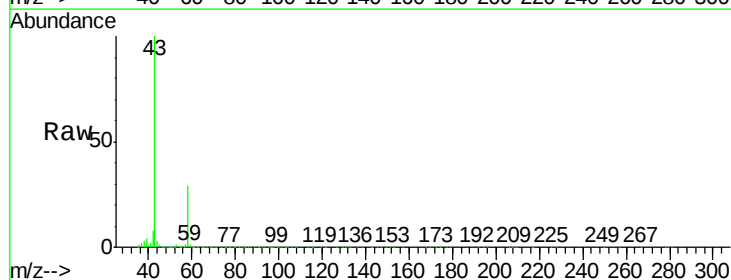
Manual Integrations
 APPROVED

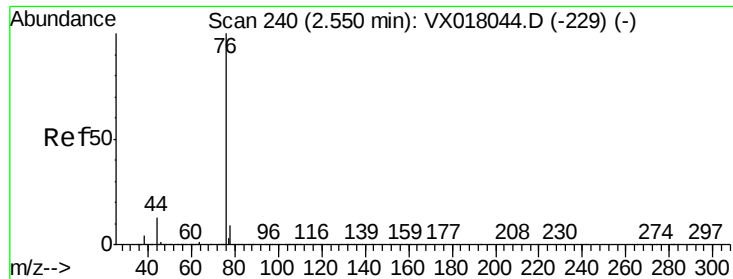
MMDadoda
 9/11/2020 10:13:19 AM



#16
 Acetone
 Concen: 102.151 ug/l
 RT: 2.42 min Scan# 219
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion:	43	Resp:	216225
Ion Ratio	Lower	Upper	
43	100		
58	29.4	25.5	38.3





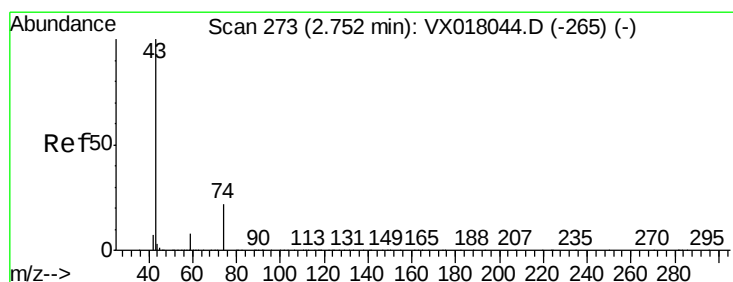
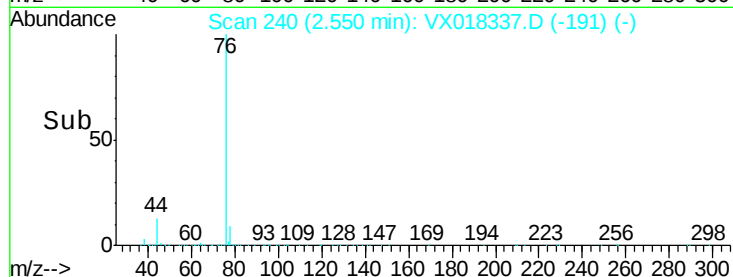
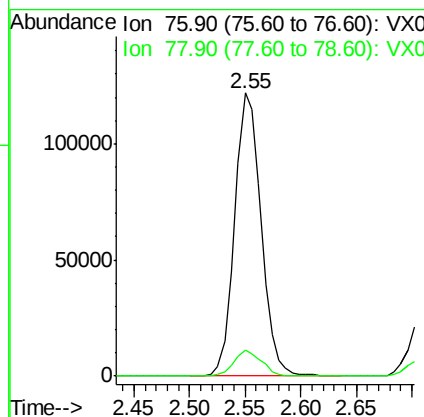
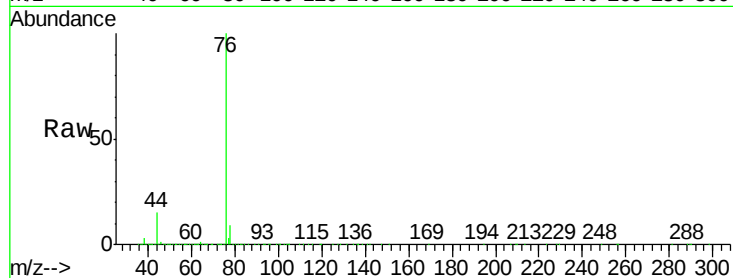
#17
Carbon Disulfide
Concen: 17.298 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampled :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.4	11.0

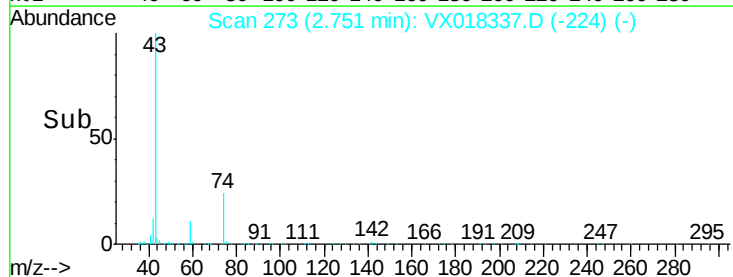
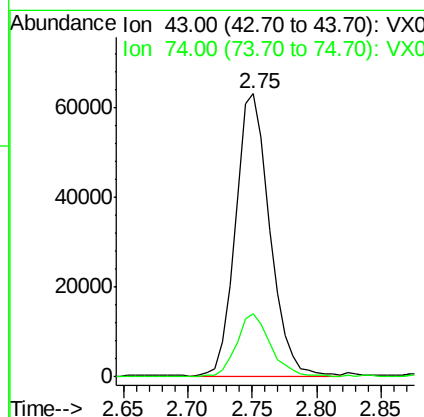
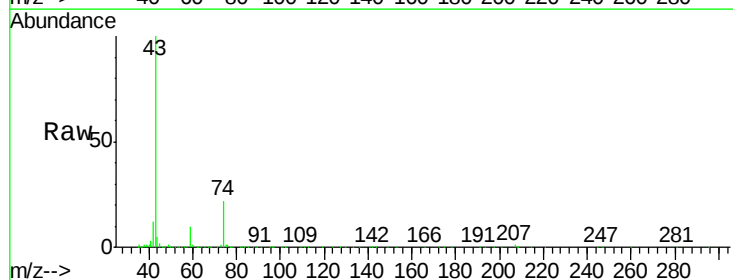
Manual Integrations
APPROVED

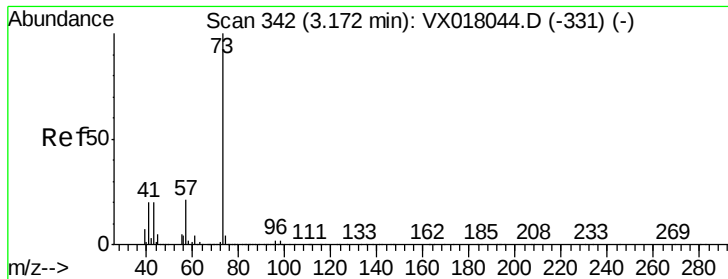
MMDadoda
9/11/2020 10:13:19 AM



#18
Methyl Acetate
Concen: 22.735 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.2	27.4





#19

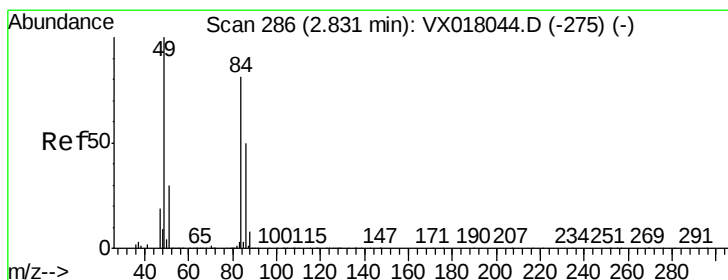
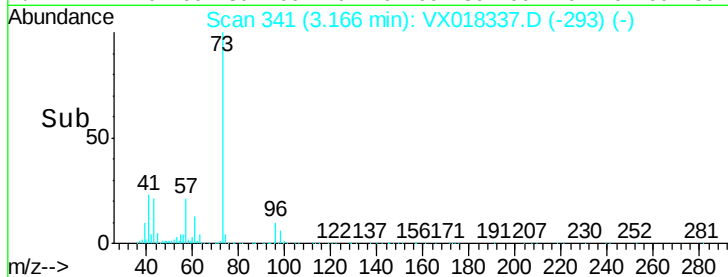
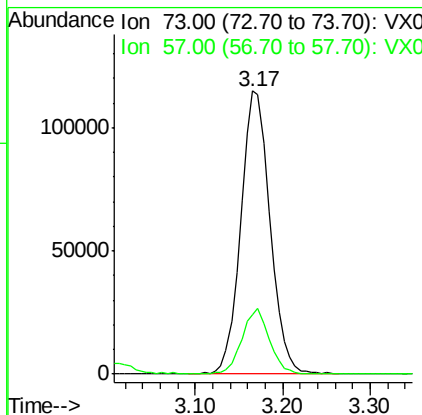
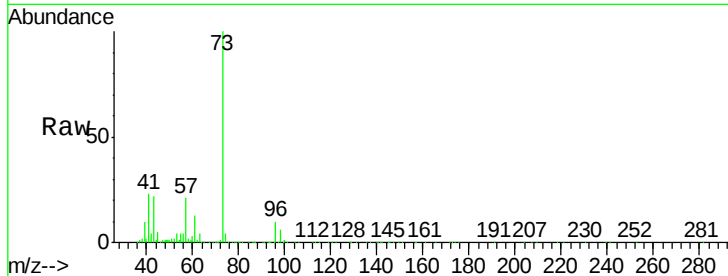
Methyl tert-butyl Ether
 Concen: 20.238 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.1	16.8	25.2

Manual Integrations
 APPROVED

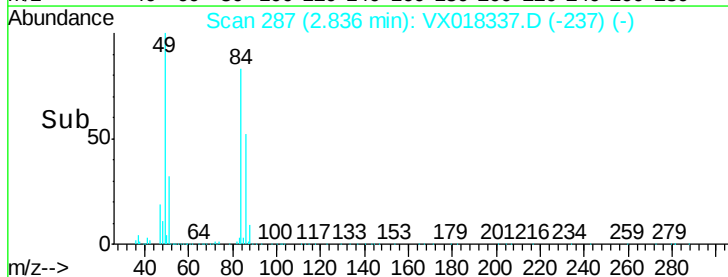
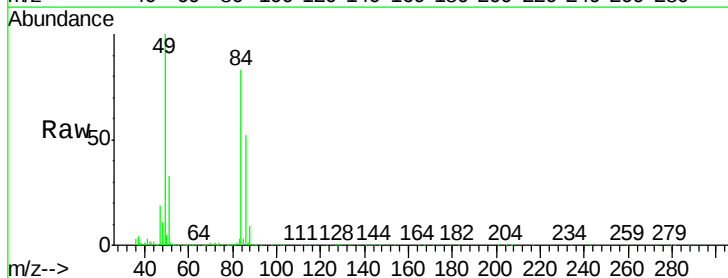
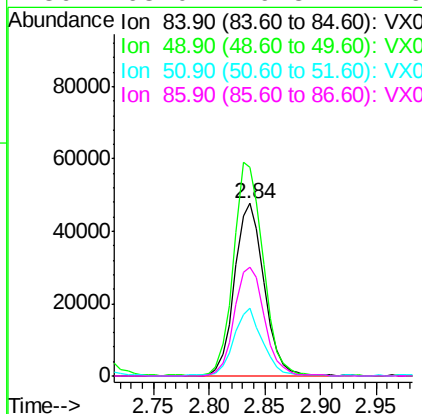
MMDadoda
 9/11/2020 10:13:19 AM

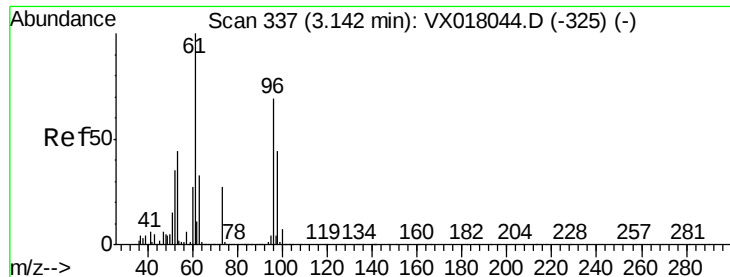


#20

Methylene Chloride
 Concen: 19.577 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.4	98.6	148.0
51	39.3	29.6	44.4
86	63.0	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 19.326 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

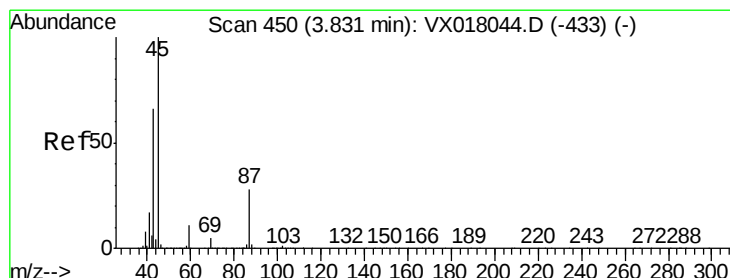
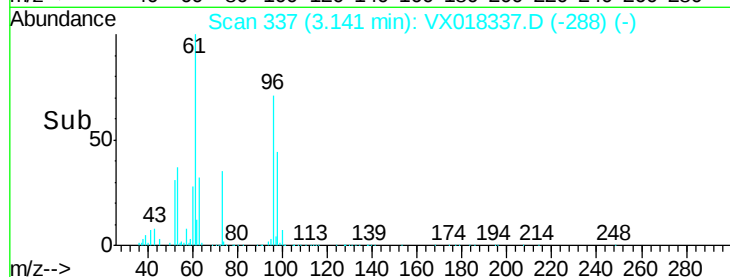
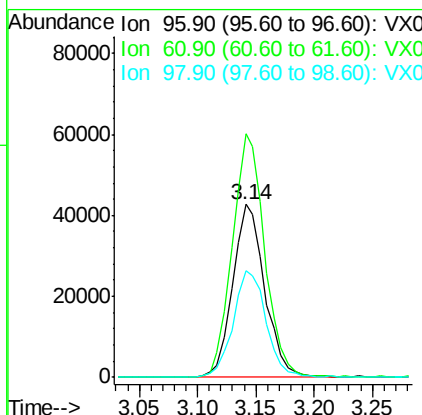
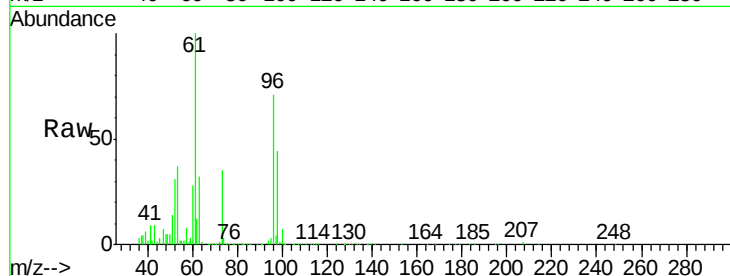
ClientSampleId :

VX0910WBS01

Tot Ion:	96	Resp:	81878
Ion	Ratio	Lower	Upper
96	100		
61	140.3	115.4	173.0
98	61.6	51.1	76.7

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#22

Diisopropyl ether

Concen: 20.219 ug/l

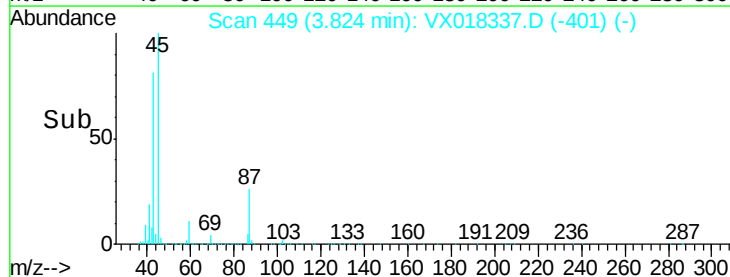
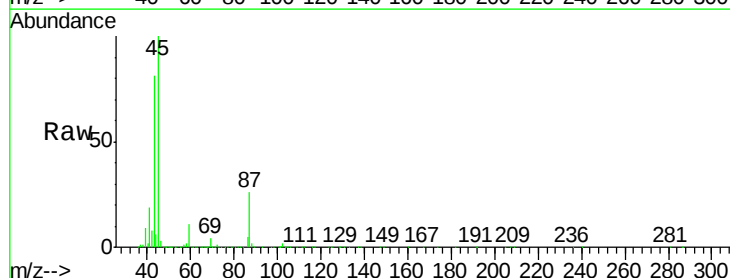
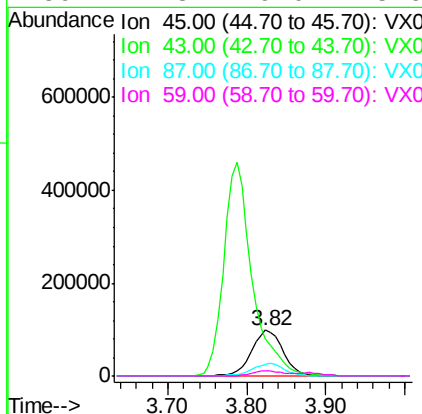
RT: 3.82 min Scan# 449

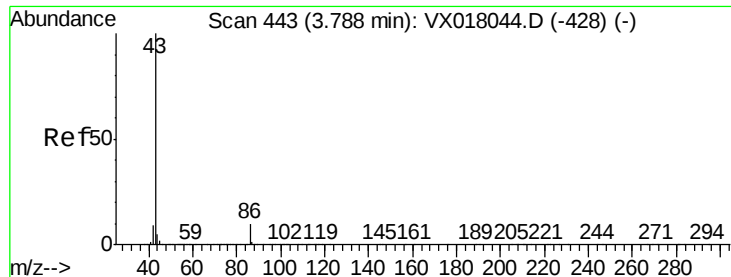
Delta R.T. -0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	45	Resp:	274167
Ion	Ratio	Lower	Upper
45	100		
43	80.5	52.8	79.2#
87	26.2	22.5	33.7
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 96.087 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 43 Resp: 1159348

Ion Ratio Lower Upper

43 100

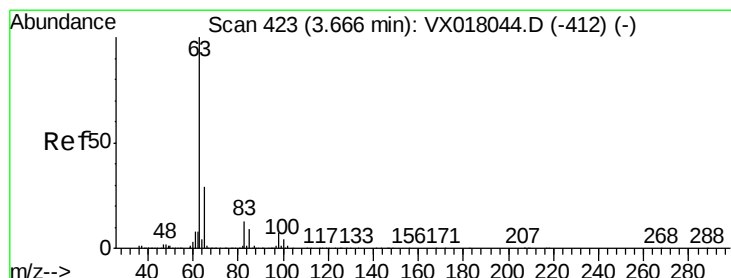
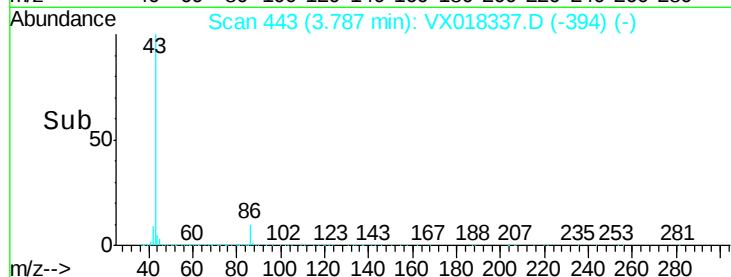
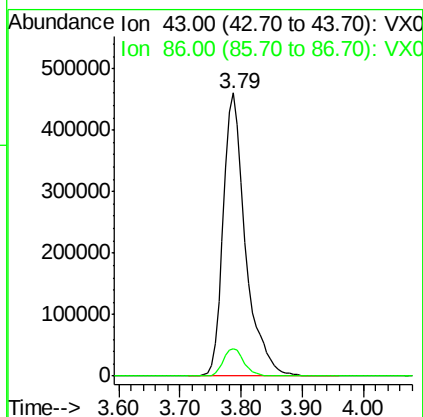
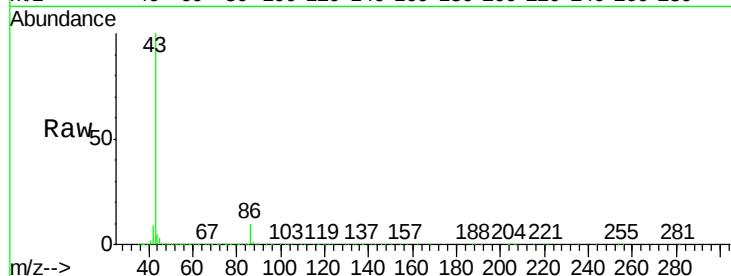
86 9.7 7.9 11.9

Manual Integrations

APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#24

1,1-Dichloroethane

Concen: 20.313 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

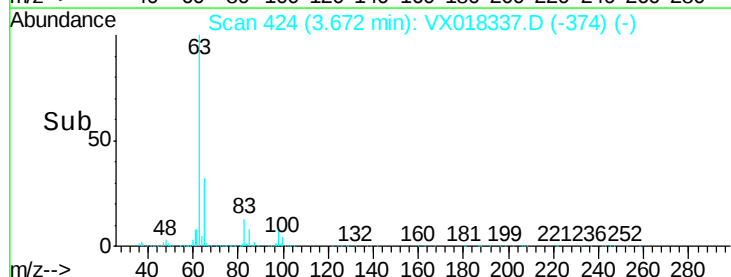
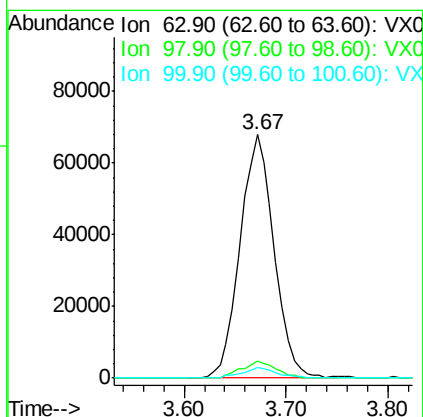
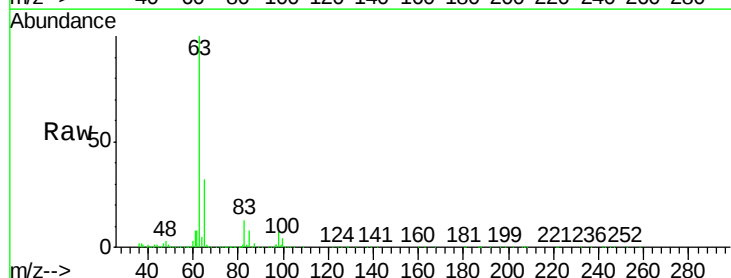
Tgt Ion: 63 Resp: 156796

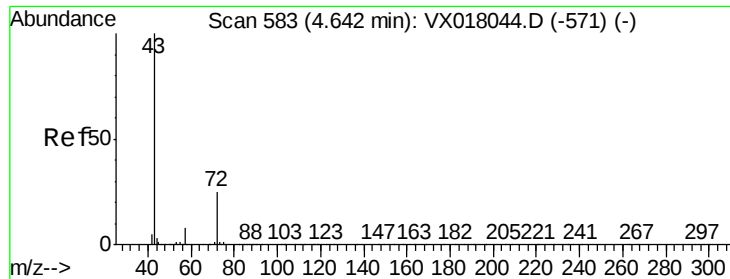
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 4.0 2.0 6.0





#25

2-Butanone

Concen: 93.547 ug/l

RT: 4.63 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 43 Resp: 325428

Ion Ratio Lower Upper

43 100

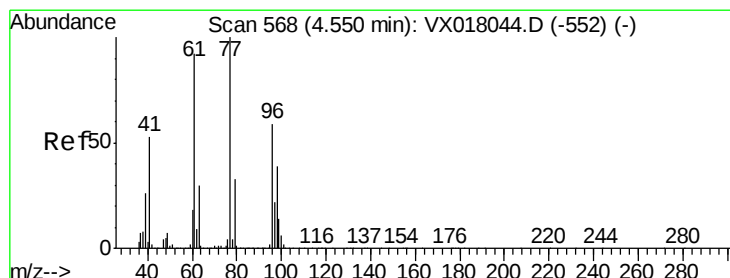
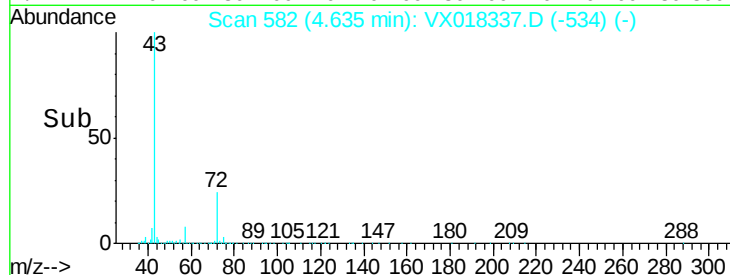
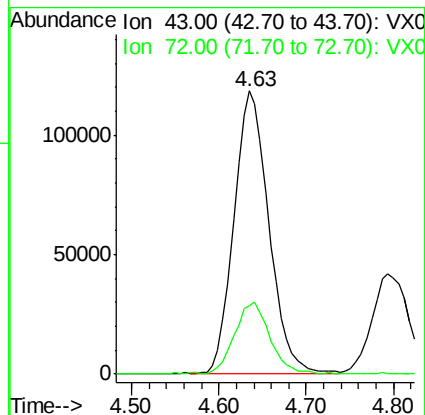
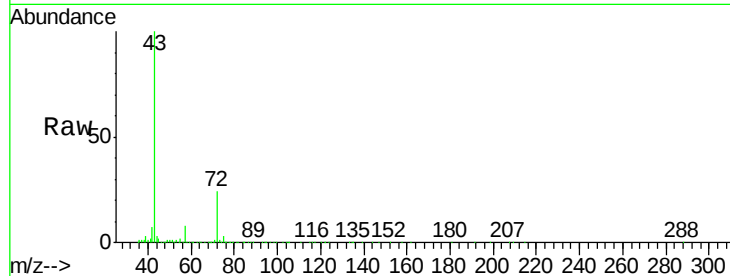
72 23.9 19.8 29.6

Manual Integrations

APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#26

2,2-Dichloropropane

Concen: 22.809 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018337.D

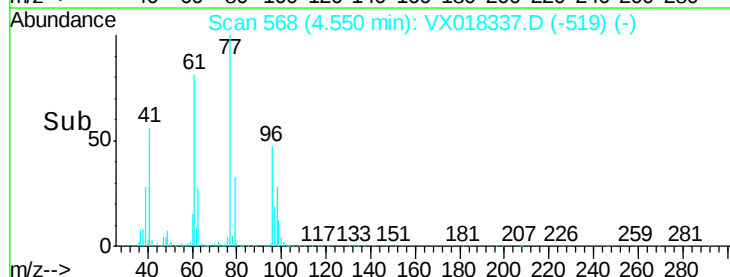
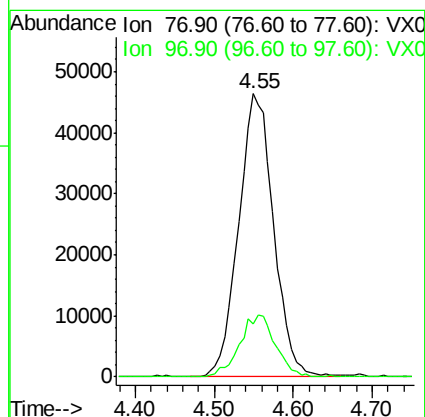
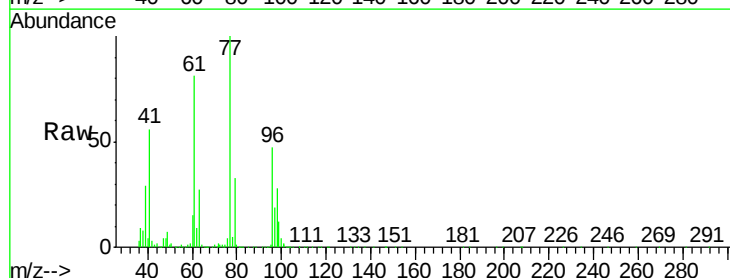
Acq: 10 Sep 2020 12:34

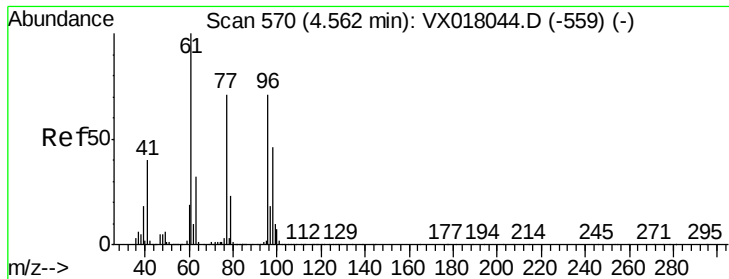
Tgt Ion: 77 Resp: 143246

Ion Ratio Lower Upper

77 100

97 22.4 11.5 34.5





#27

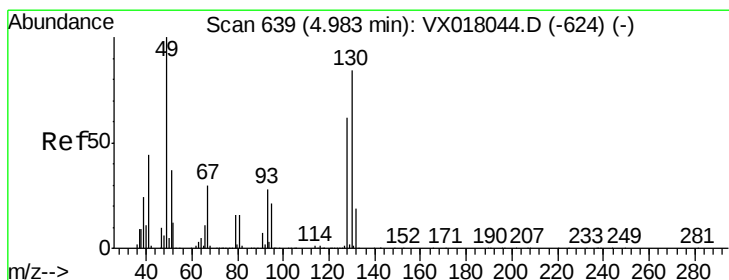
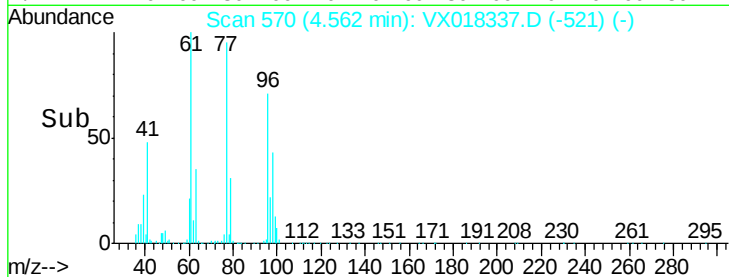
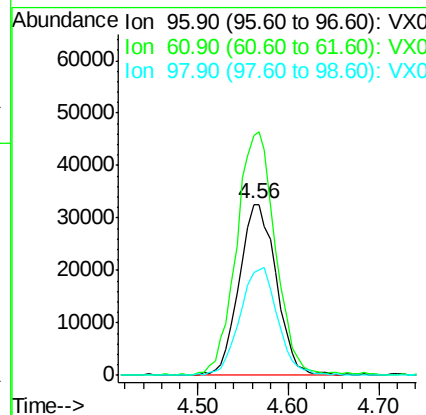
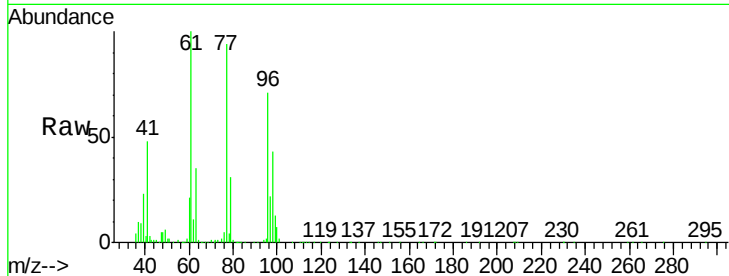
cis-1,2-Dichloroethene
Concen: 18.959 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	92547		
61	149.0	0.0	296.6	
98	64.3	0.0	130.2	

Manual Integrations
APPROVED

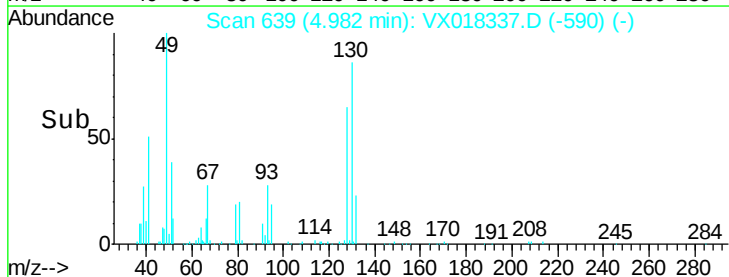
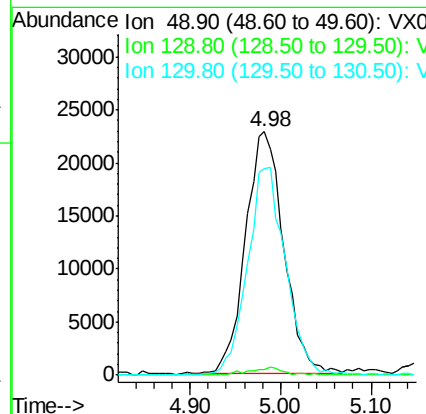
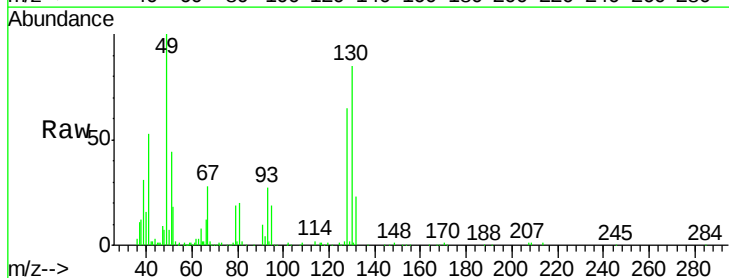
MMDadoda
9/11/2020 10:13:19 AM

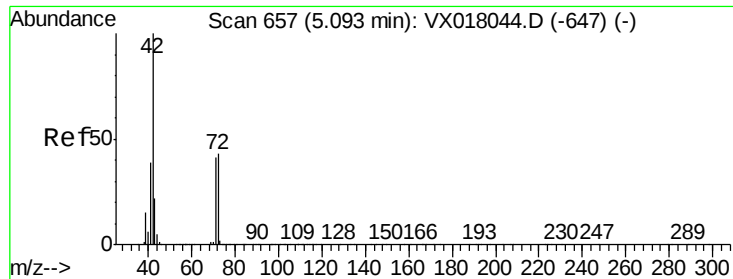


#28

Bromochloromethane
Concen: 18.016 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	67124		
129	2.1	0.0	4.6	
130	85.0	64.6	96.8	





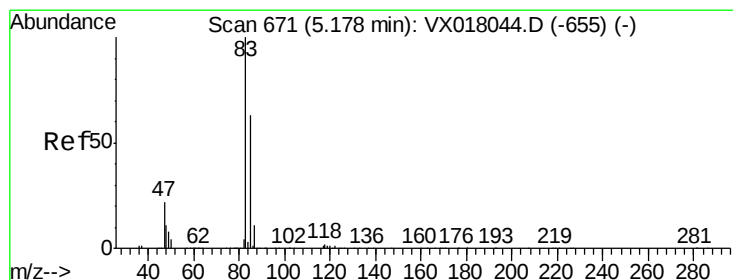
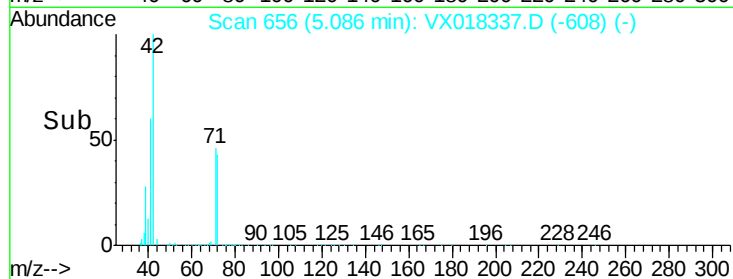
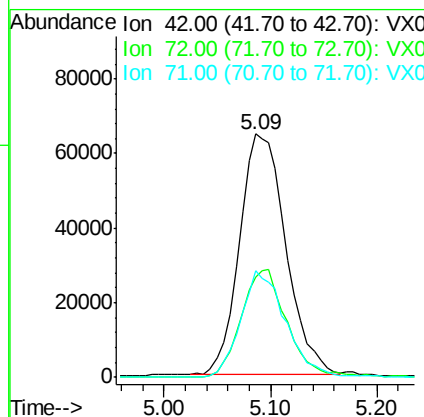
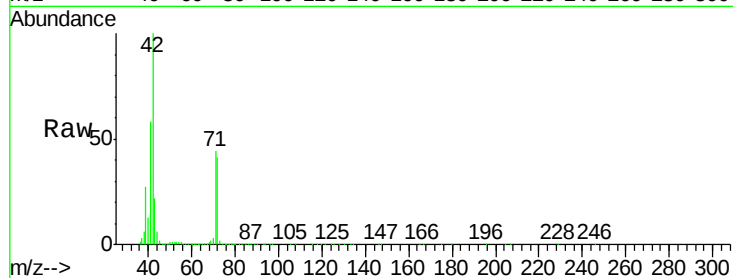
#29
Tetrahydrofuran
Concen: 88.726 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.3	34.2	51.4
71	43.4	32.1	48.1

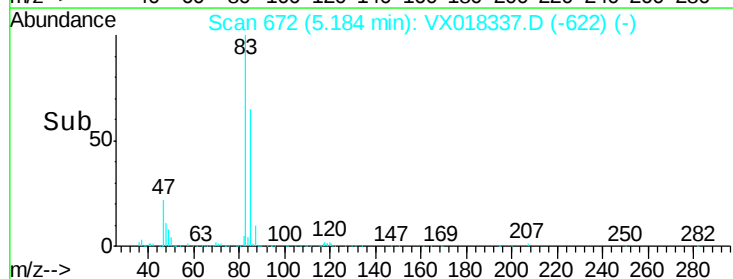
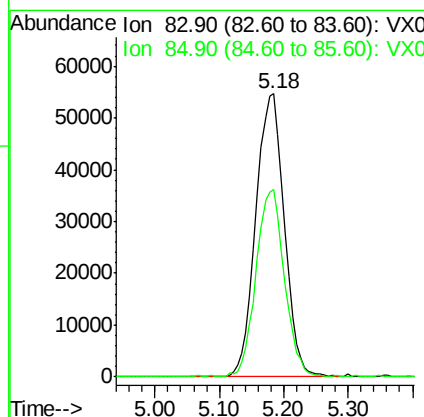
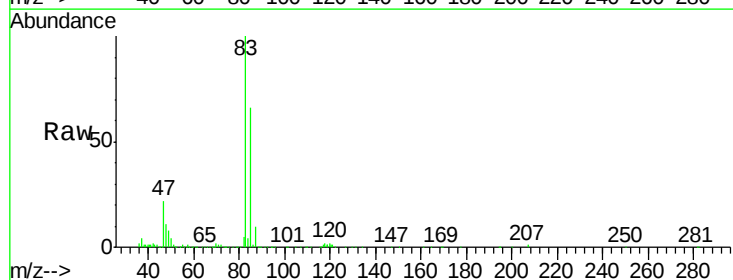
Manual Integrations
APPROVED

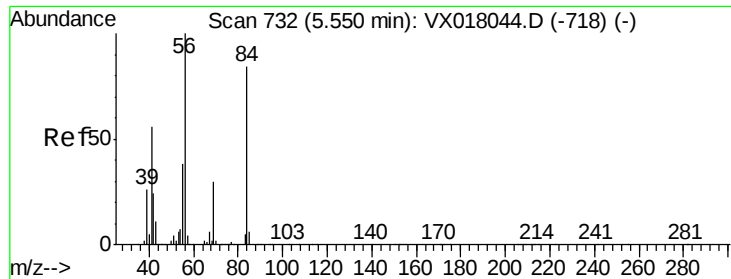
MMDadoda
9/11/2020 10:13:19 AM



#30
Chloroform
Concen: 20.859 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.7	76.1





#31

Cyclohexane

Concen: 17.845 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

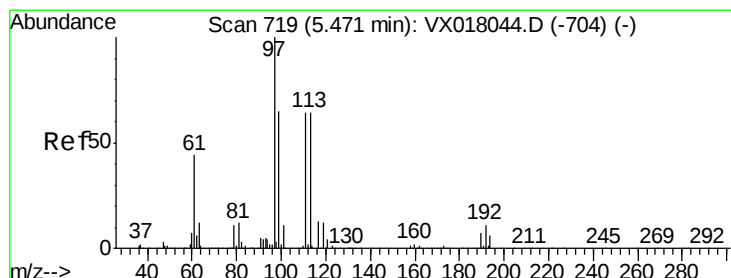
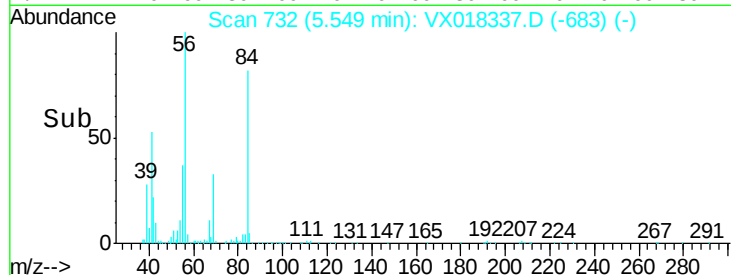
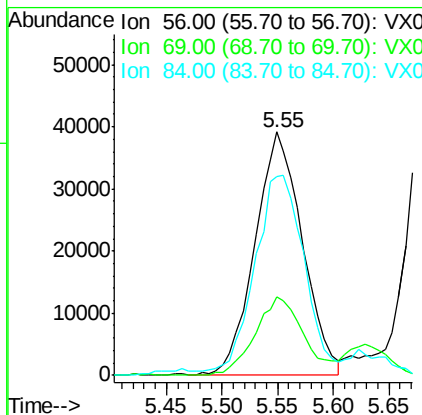
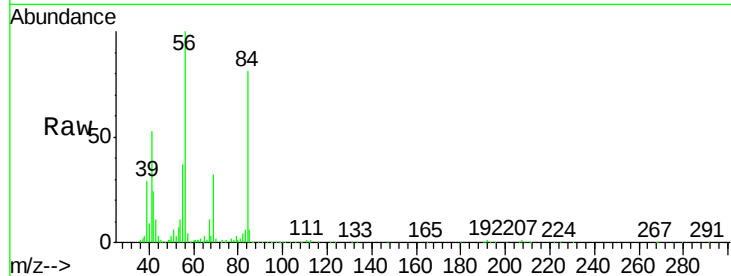
VX0910WBS01

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	32.3	23.9	35.9	
84	79.7	67.0	100.4	



#32

1,1,1-Trichloroethane

Concen: 20.784 ug/l

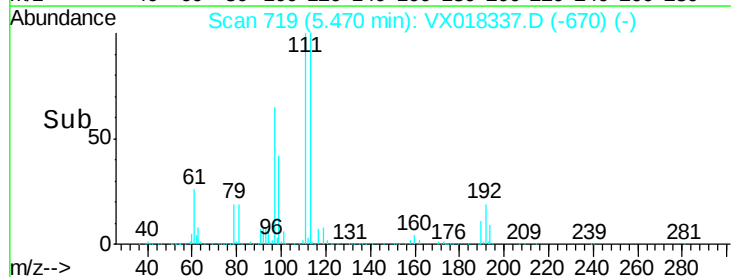
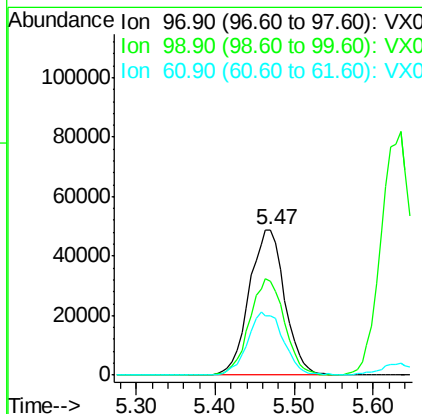
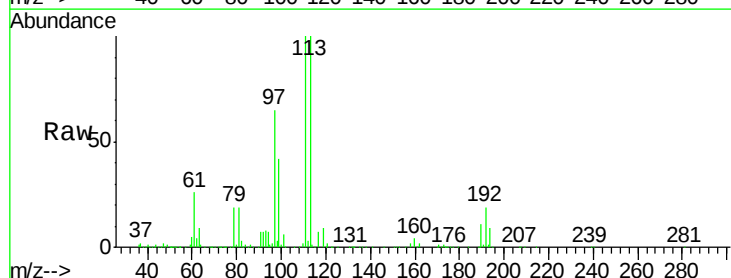
RT: 5.47 min Scan# 719

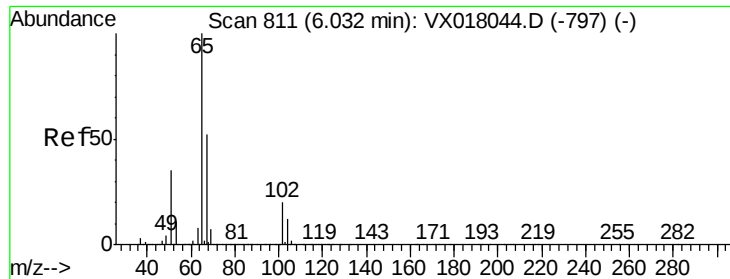
Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.2	51.4	77.0	
61	43.9	34.2	51.4	





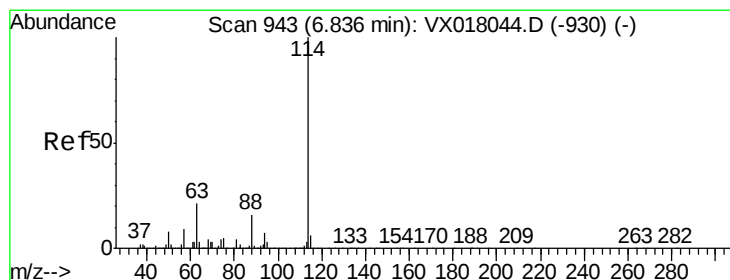
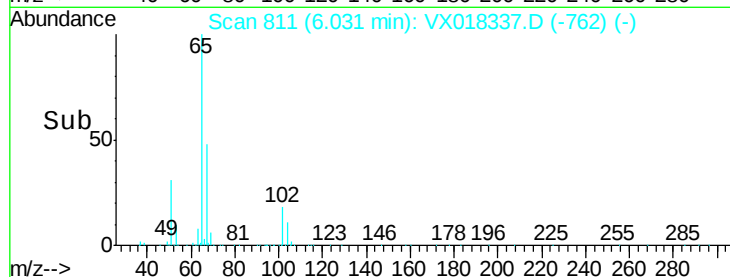
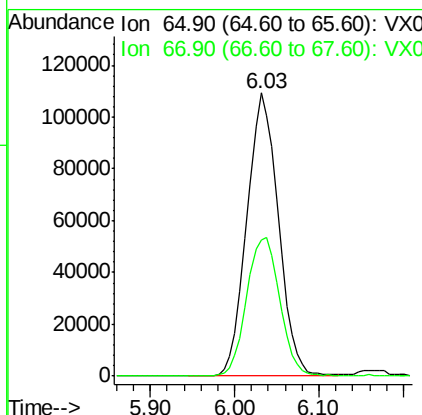
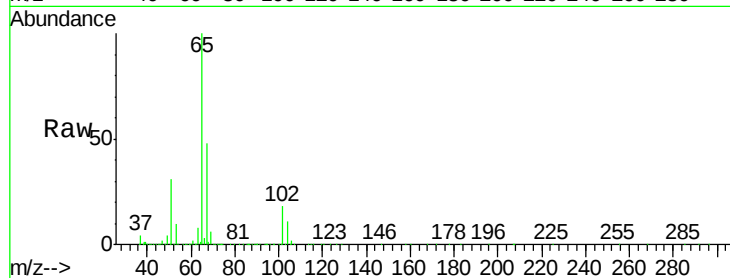
#33
 1,2-Dichloroethane-d4
 Concen: 51.356 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.8

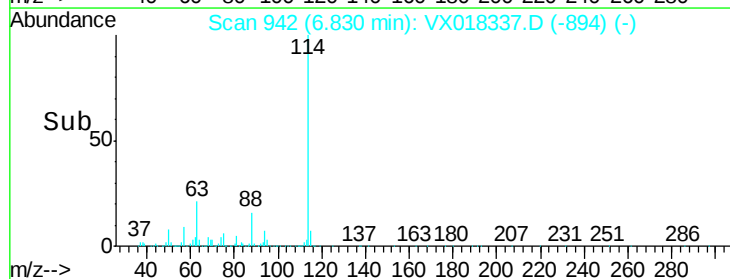
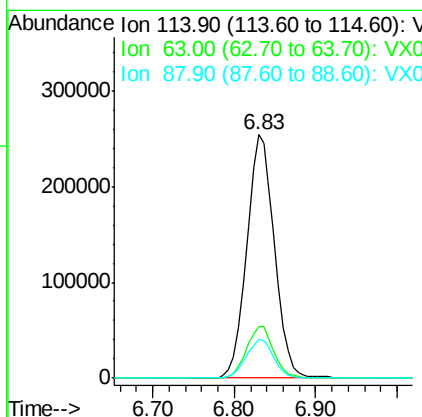
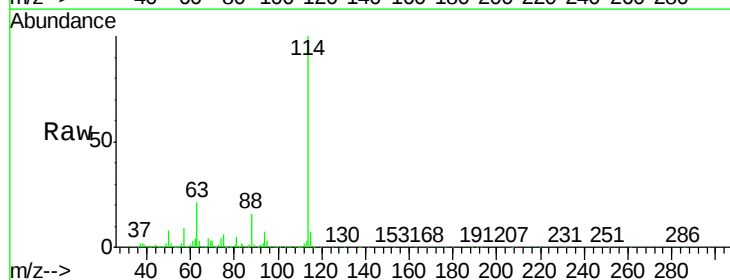
Manual Integrations
 APPROVED

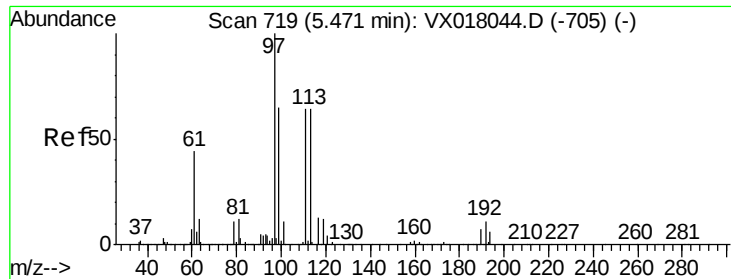
MMDadoda
 9/11/2020 10:13:19 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	42.6
88	16.1	0.0	31.8





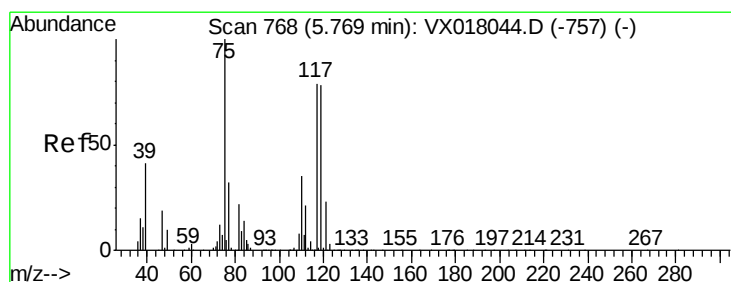
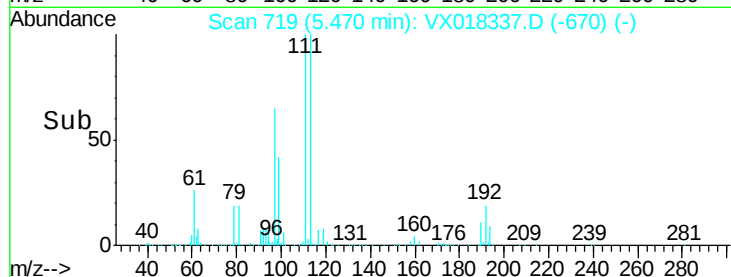
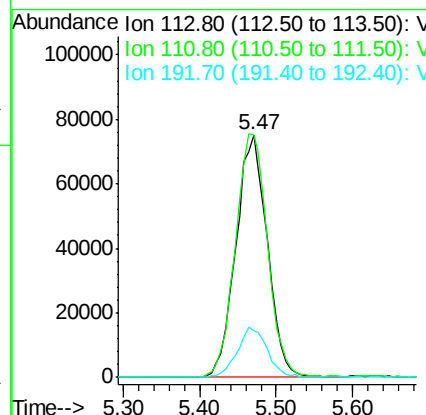
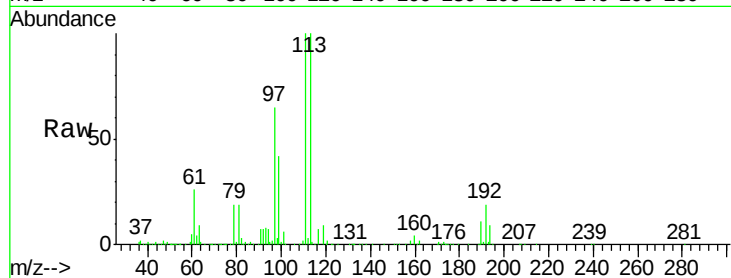
#35
 Dibromofluoromethane
 Concen: 52.475 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	19.8	15.8	23.8

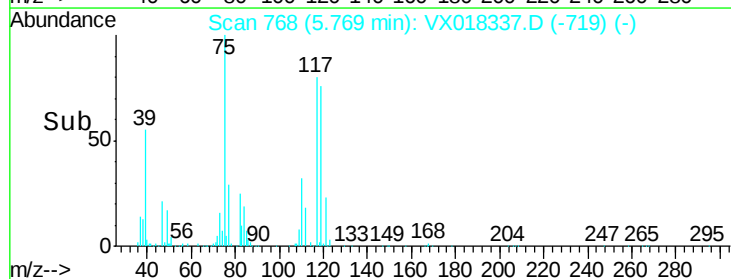
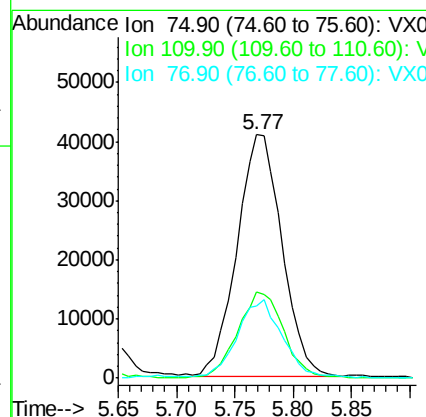
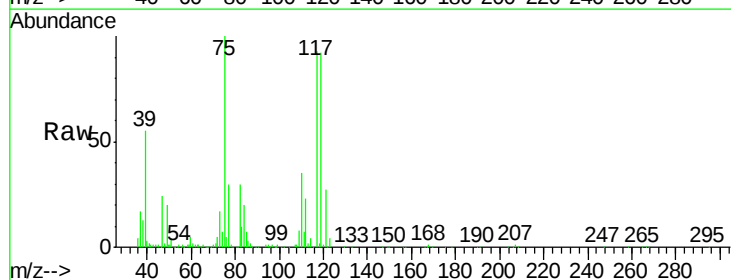
Manual Integrations
 APPROVED

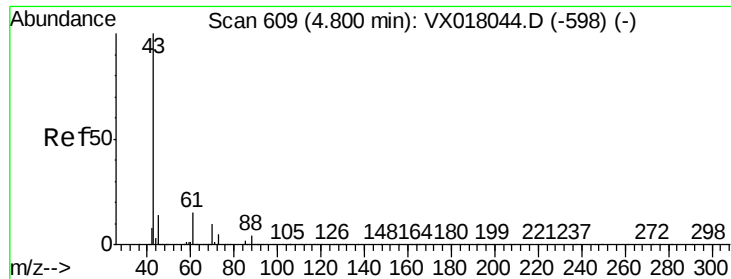
MMDadoda
 9/11/2020 10:13:19 AM



#36
 1,1-Dichloropropene
 Concen: 19.958 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.0	54.0
77	32.8	24.4	36.6





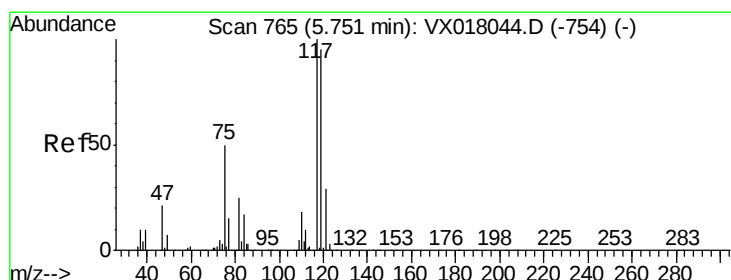
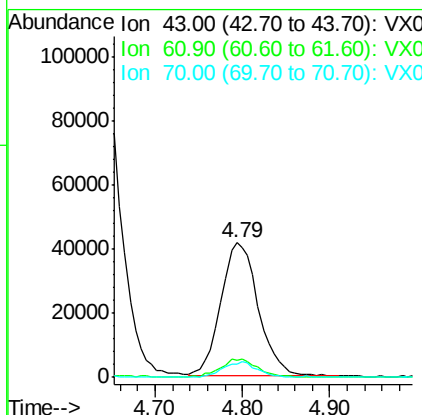
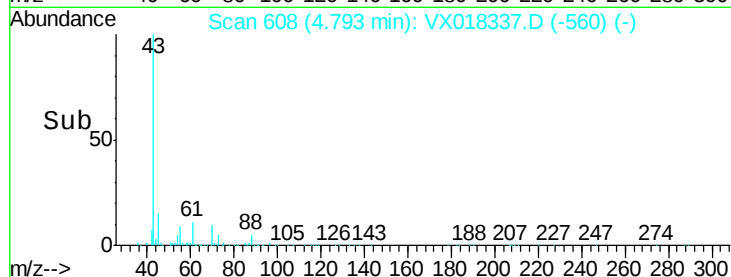
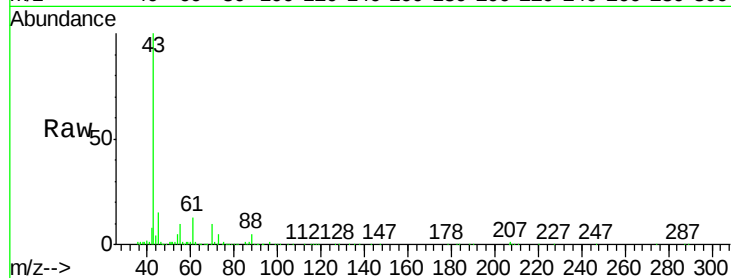
#37
Ethyl Acetate
Concen: 19.253 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleID :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.3	16.9
70	11.0	8.2	12.4

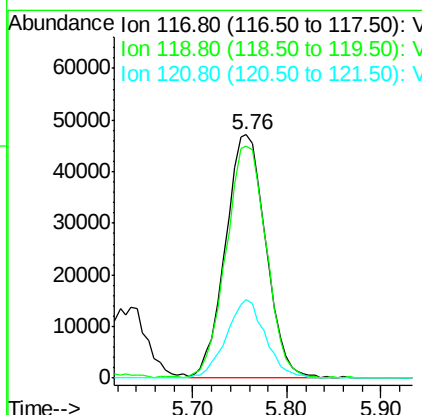
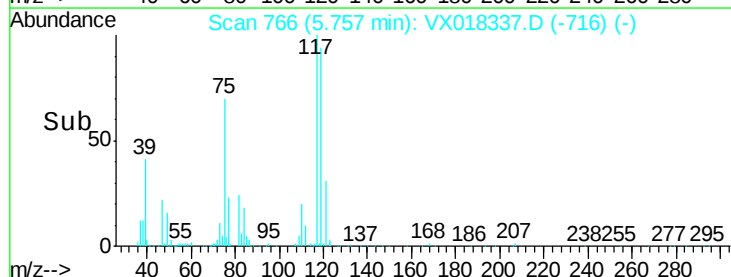
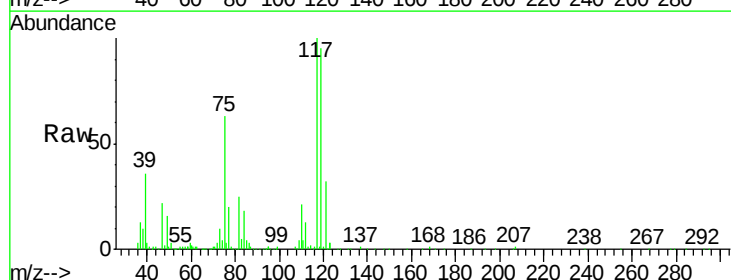
Manual Integrations
APPROVED

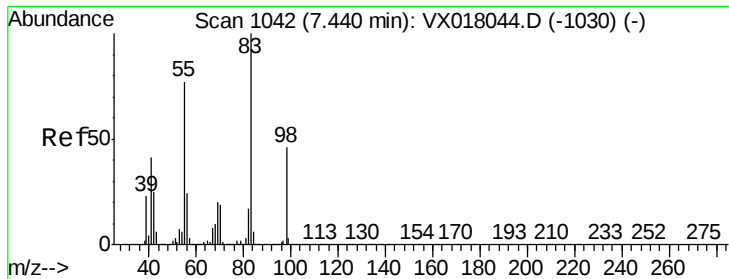
MMDadoda
9/11/2020 10:13:19 AM



#38
Carbon Tetrachloride
Concen: 22.567 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	75.8	113.6
121	32.2	23.4	35.0





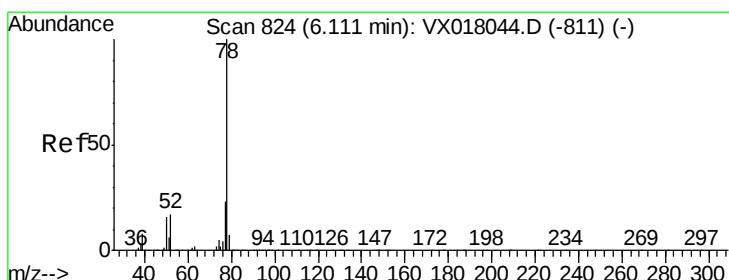
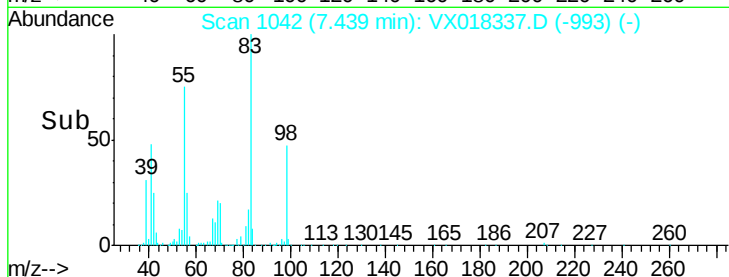
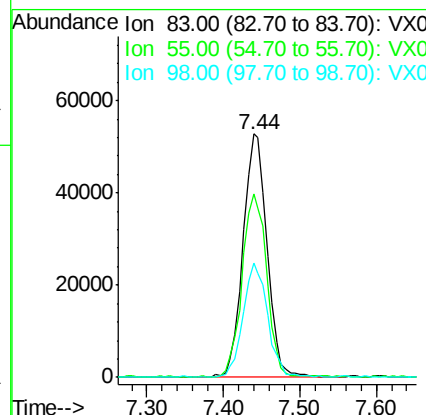
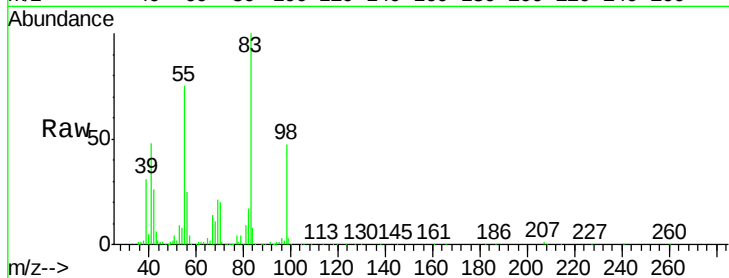
#39
Methvlcvclohexane
Concen: 19.041 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.8	61.8	92.6
98	46.7	36.6	55.0

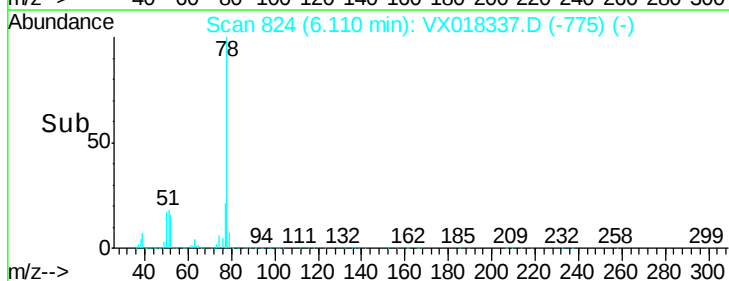
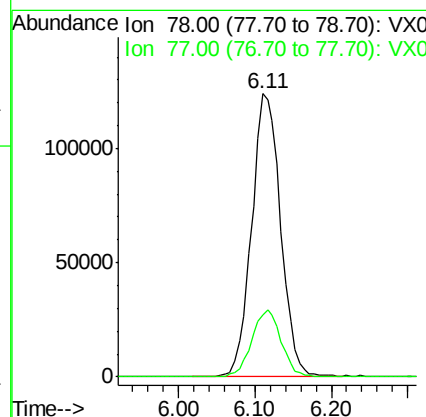
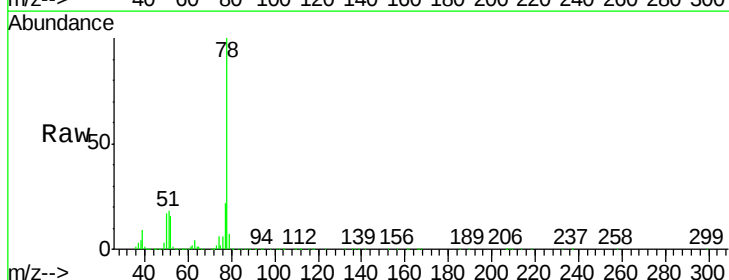
Manual Integrations
APPROVED

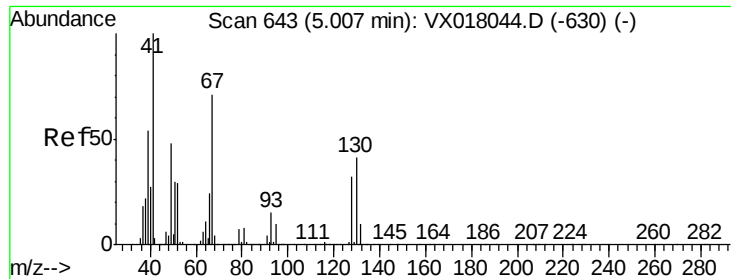
MMDadoda
9/11/2020 10:13:19 AM



#40
Benzene
Concen: 20.160 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.9	18.2	27.2





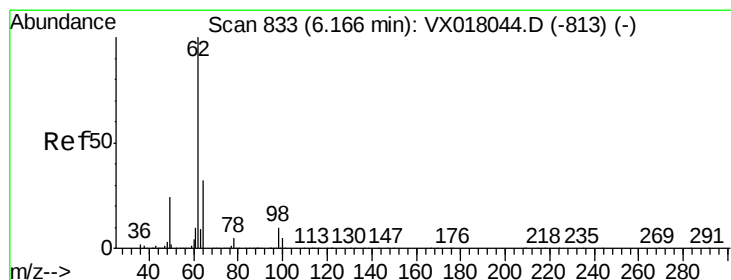
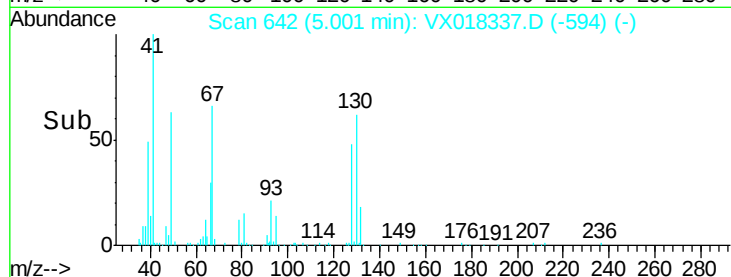
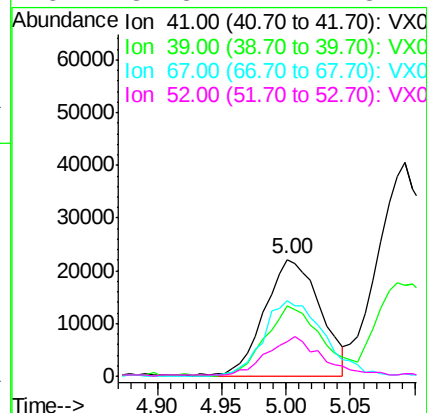
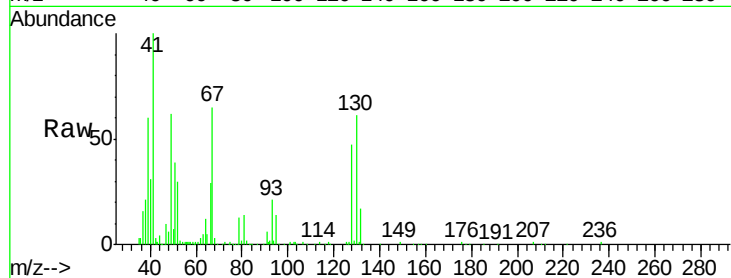
#41
Methacrylonitrile
Concen: 18.751 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.4	43.1	64.7	
67	70.9	56.0	84.0	
52	32.3	22.7	34.1	

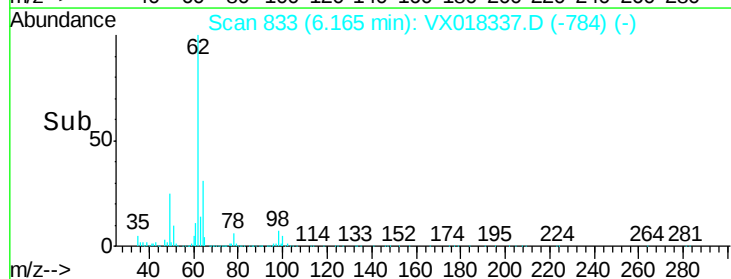
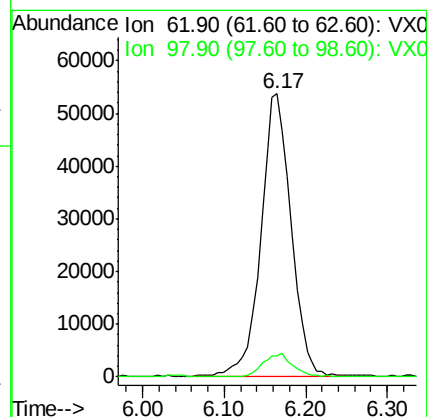
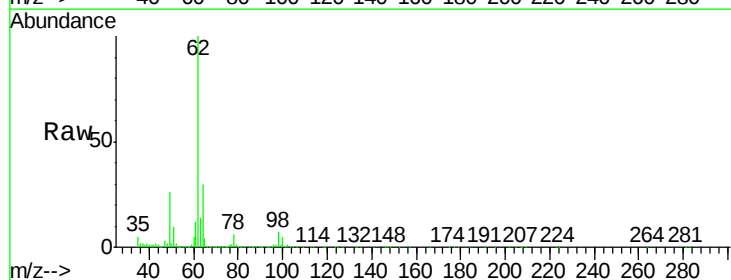
Manual Integrations
APPROVED

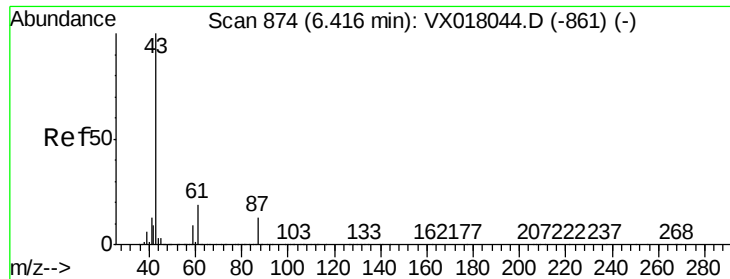
MMDadoda
9/11/2020 10:13:19 AM



#42
1,2-Dichloroethane
Concen: 22.171 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	18.2	





#43

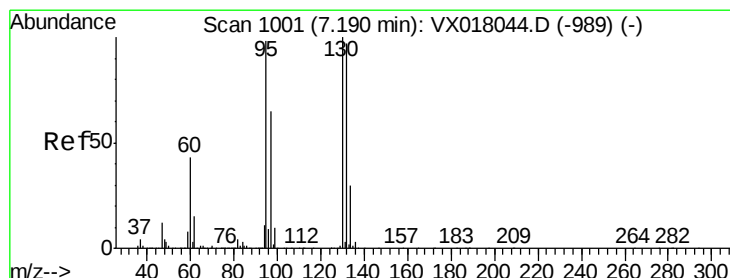
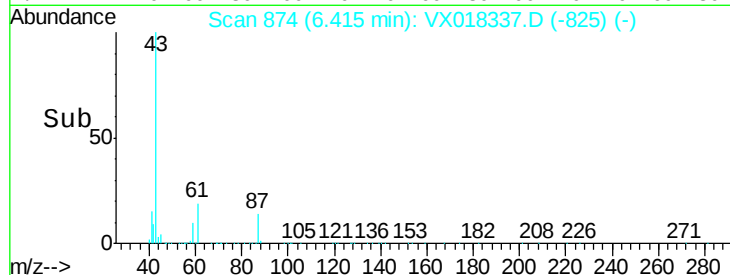
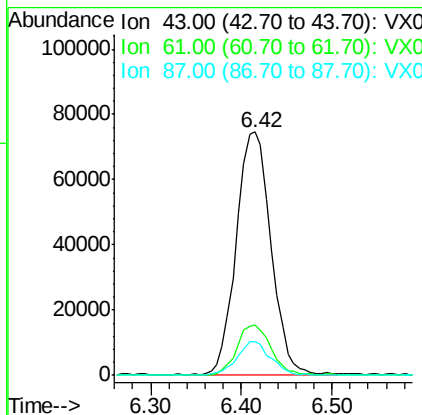
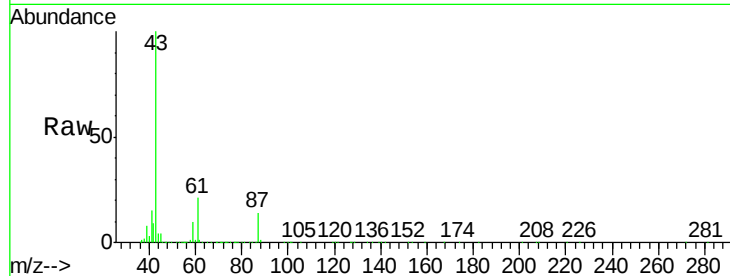
Isopropyl Acetate
 Concen: 18.962 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.7	15.7	23.5
87	13.6	10.3	15.5

Manual Integrations
 APPROVED

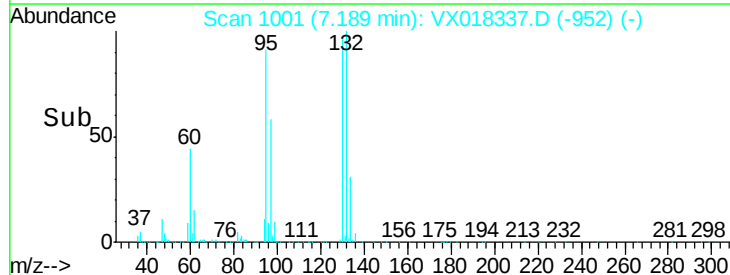
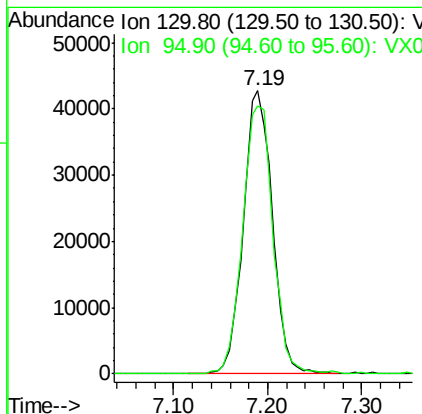
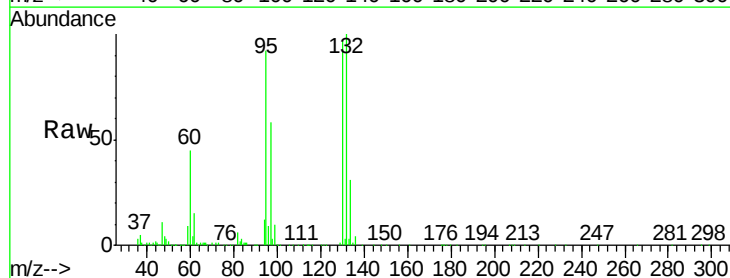
MMDadoda
 9/11/2020 10:13:19 AM

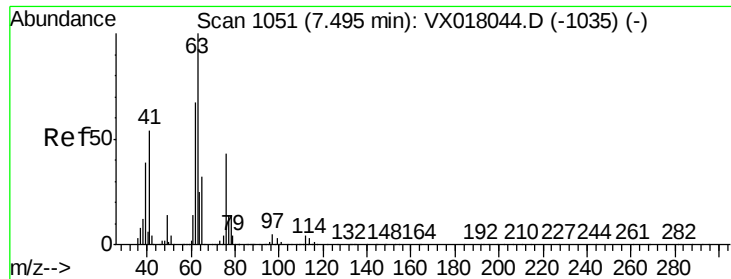


#44

Trichloroethene
 Concen: 20.163 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 20.434 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 63 Resp: 89251

Ion Ratio Lower Upper

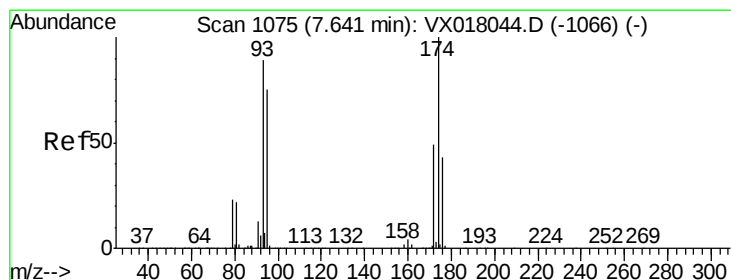
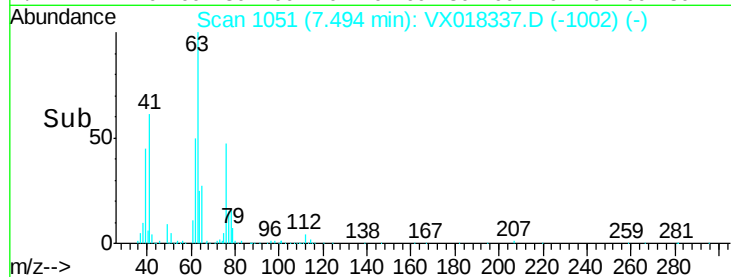
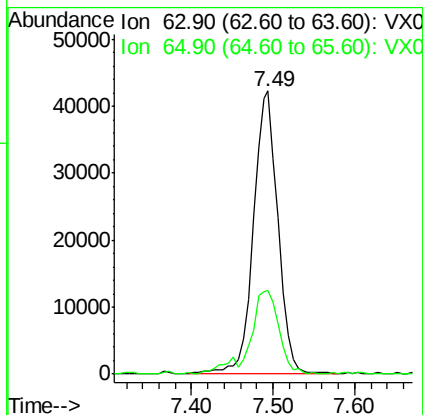
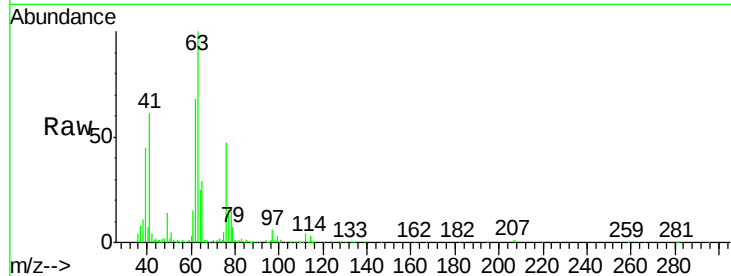
63 100

65 29.2 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#46

Dibromomethane

Concen: 20.489 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

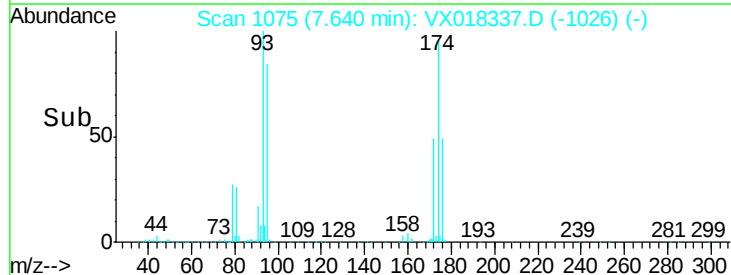
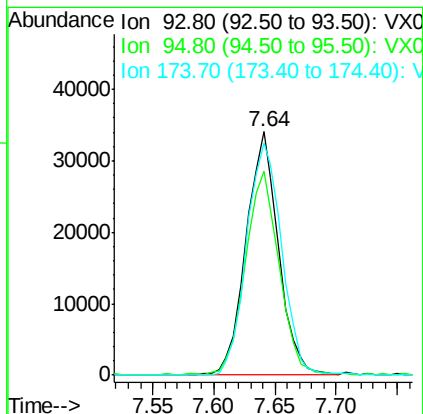
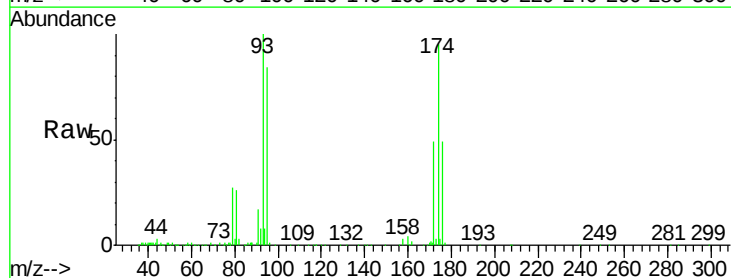
Tgt Ion: 93 Resp: 62932

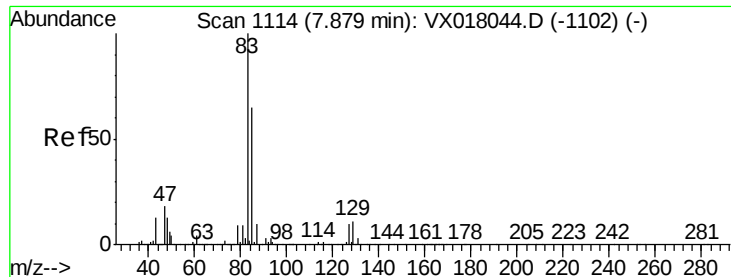
Ion Ratio Lower Upper

93 100

95 87.6 67.3 100.9

174 103.5 82.2 123.2





#47

Bromodichloromethane

Concen: 21.829 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

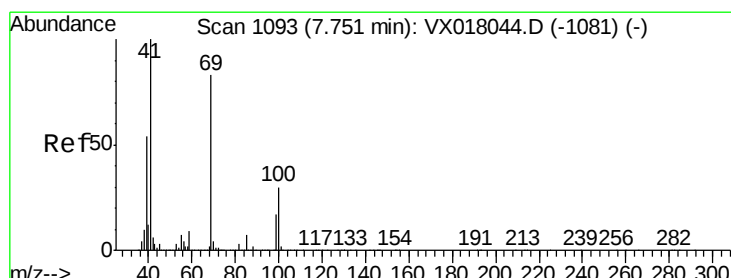
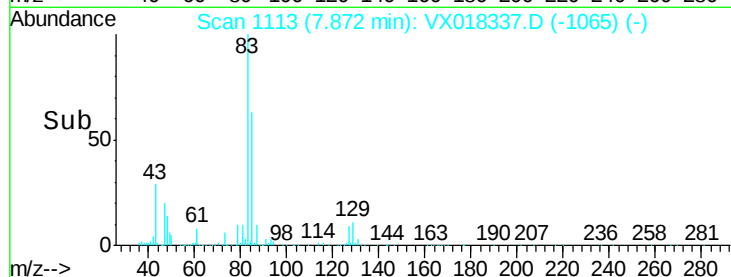
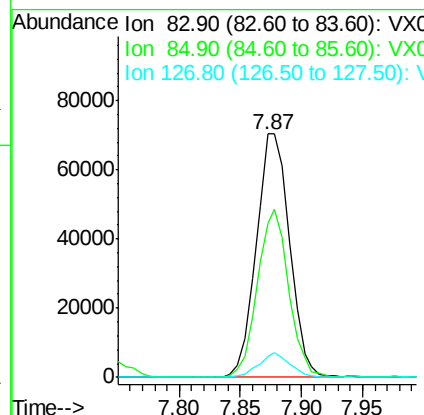
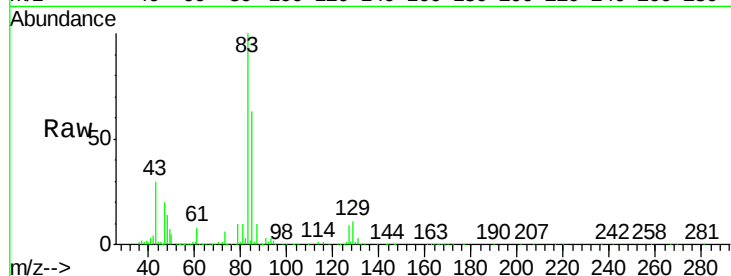
ClientSampleId :

VX0910WBS01

Tot Ion:	83	Resp:	133877
Ion Ratio	Lower	Upper	
83	100		
85	63.3	51.8	77.6
127	8.6	7.7	11.5

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#48

Methyl methacrylate

Concen: 18.380 ug/l

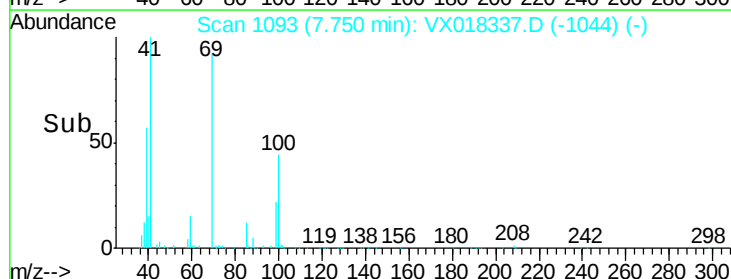
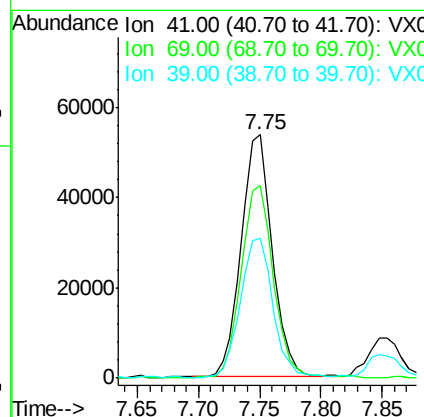
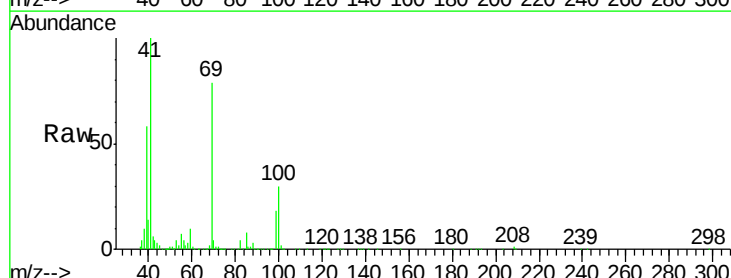
RT: 7.75 min Scan# 1093

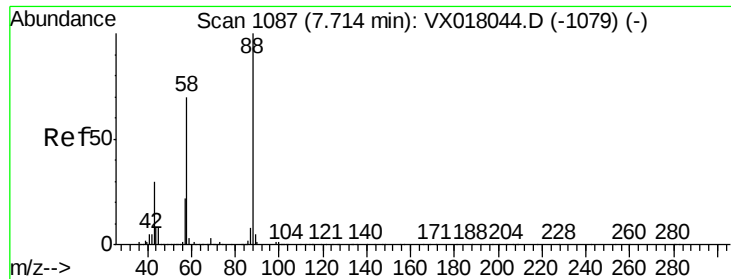
Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	41	Resp:	94669
Ion Ratio	Lower	Upper	
41	100		
69	83.0	65.5	98.3
39	61.2	44.5	66.7





#49

1,4-Dioxane

Concen: 390.688 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

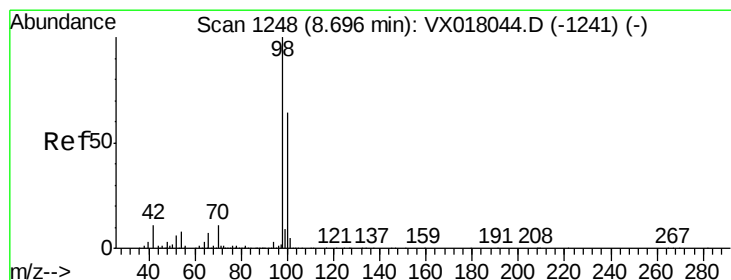
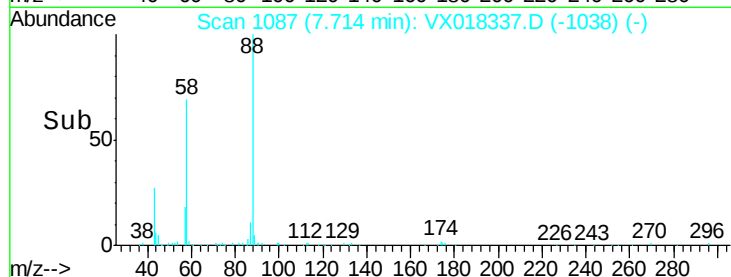
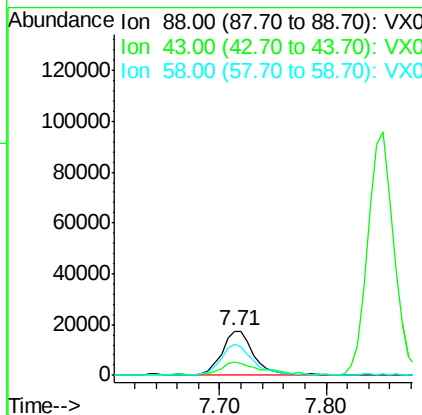
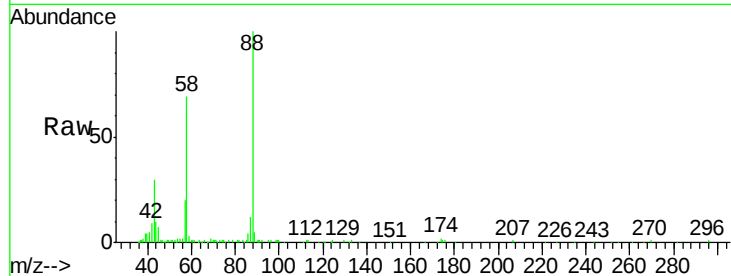
ClientSampleId :

VX0910WBS01

Tot Ion:	88	Resp:	36450
Ion	Ratio	Lower	Upper
88	100		
43	37.5	27.4	41.0
58	70.9	56.4	84.6

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#50

Toluene-d8

Concen: 48.830 ug/l

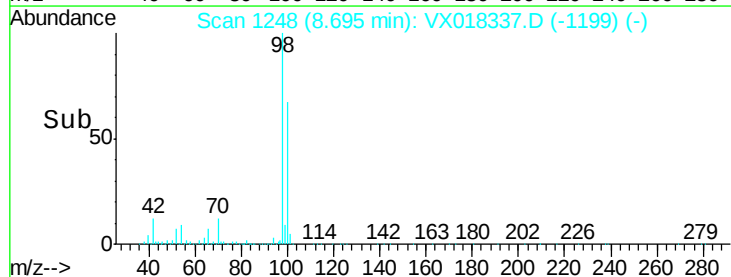
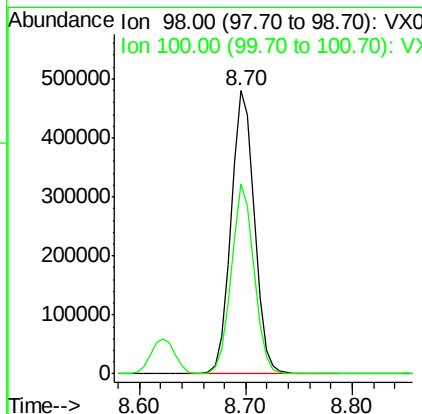
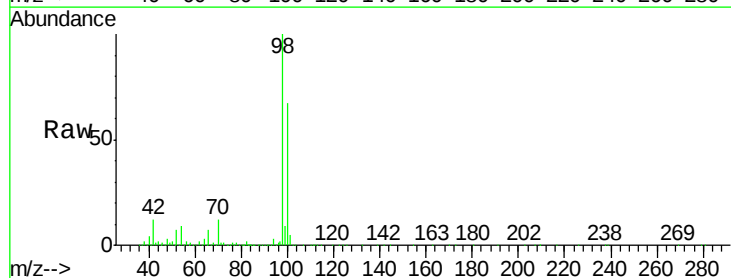
RT: 8.70 min Scan# 1248

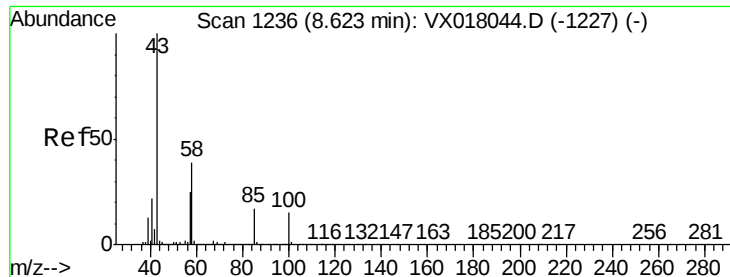
Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	98	Resp:	740657
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 99.980 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 43 Resp: 638976

Ion Ratio Lower Upper

43 100

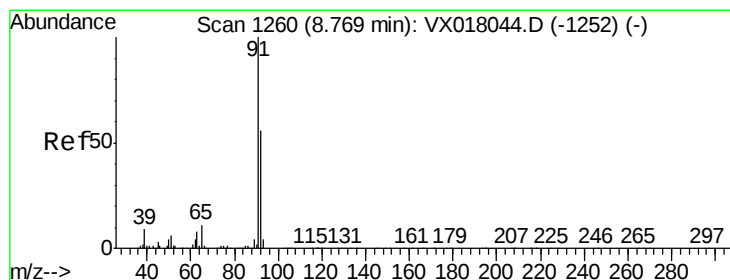
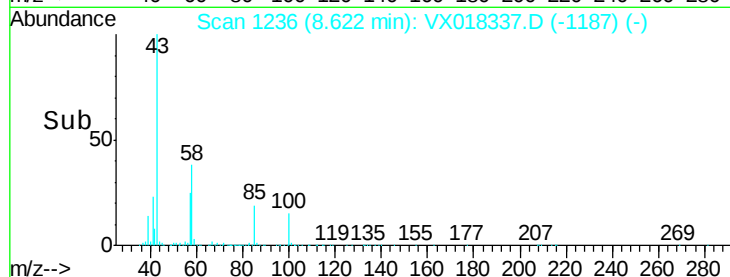
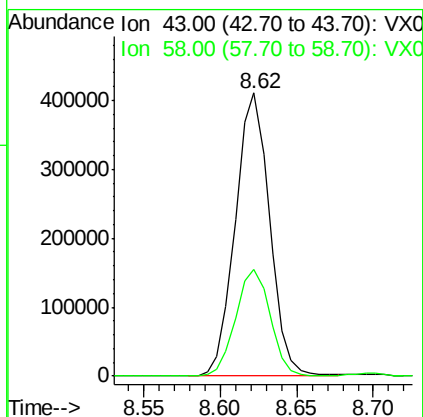
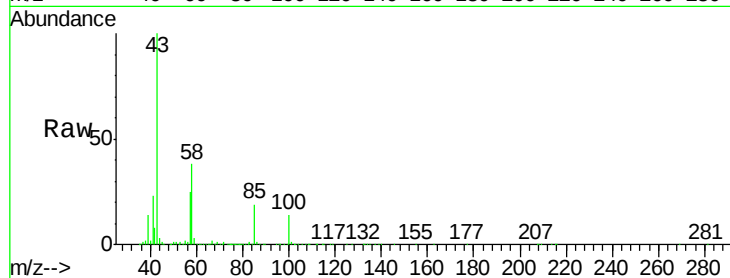
58 38.2 30.7 46.1

Manual Integrations

APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#52

Toluene

Concen: 19.874 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018337.D

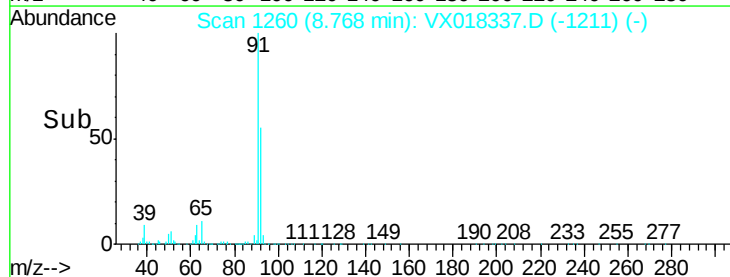
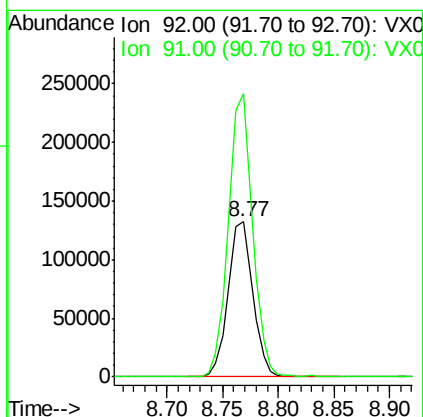
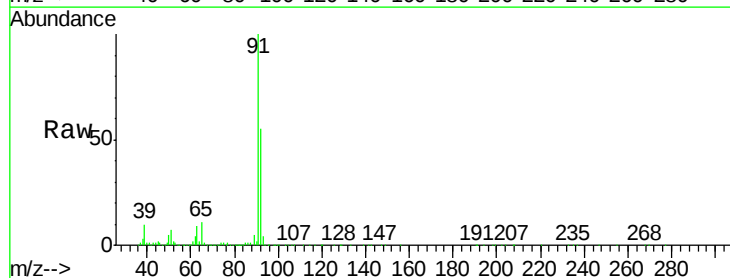
Acq: 10 Sep 2020 12:34

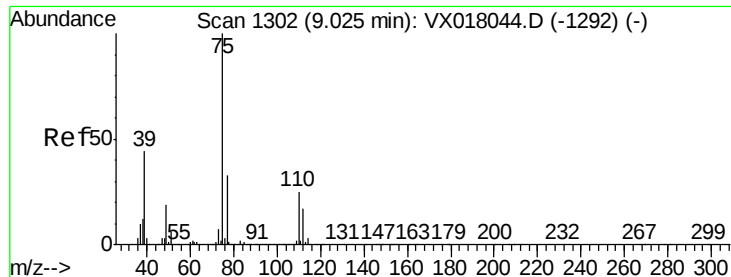
Tgt Ion: 92 Resp: 204235

Ion Ratio Lower Upper

92 100

91 178.3 140.3 210.5





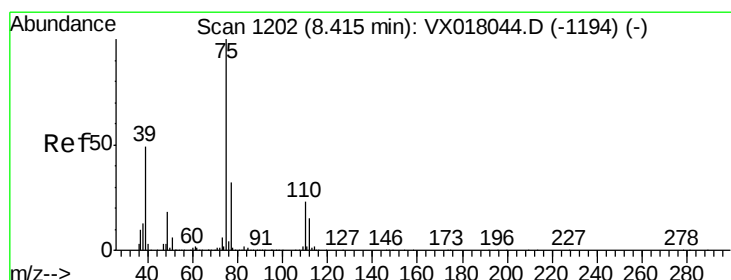
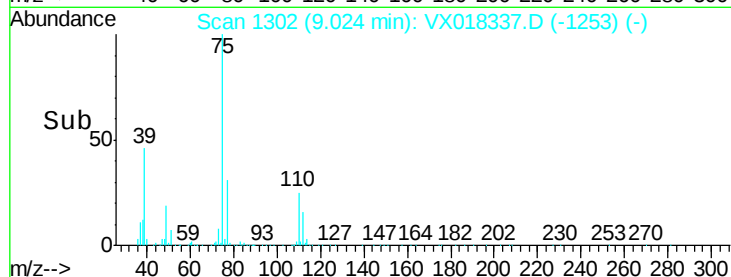
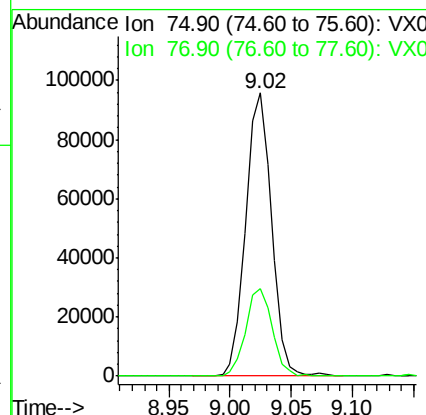
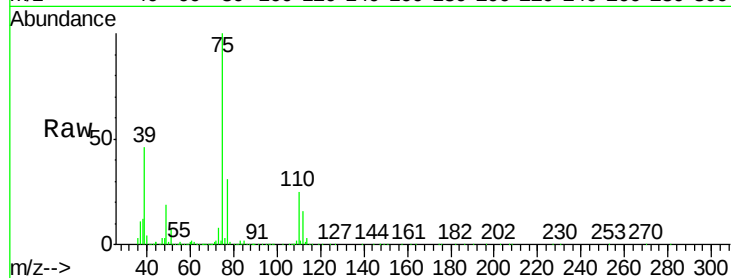
#53
t-1,3-Dichloropropene
Concen: 20.681 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampled :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	26.6	39.8

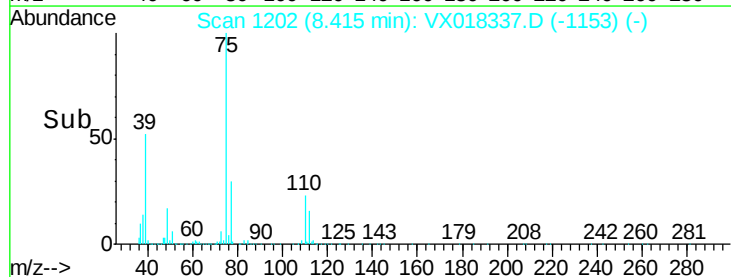
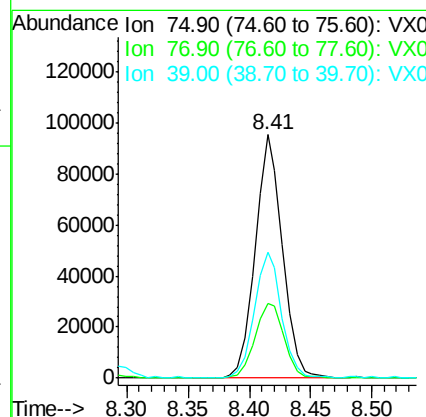
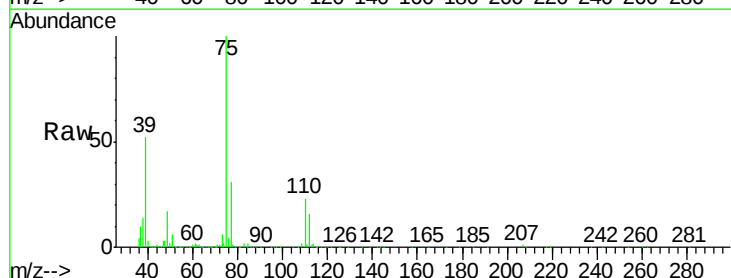
Manual Integrations
APPROVED

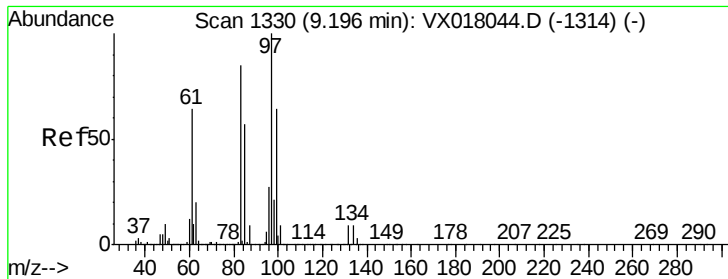
MMDadoda
9/11/2020 10:13:19 AM



#54
cis-1,3-Dichloropropene
Concen: 20.441 ug/l
RT: 8.41 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.4	25.8	38.8
39	51.2	38.8	58.2





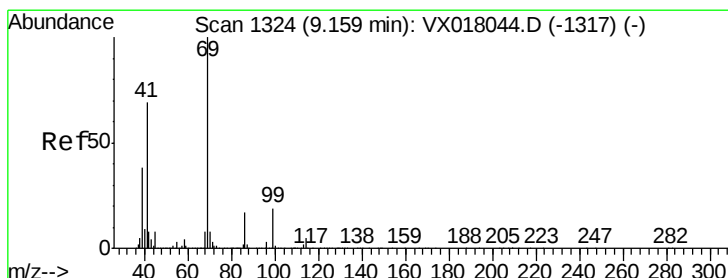
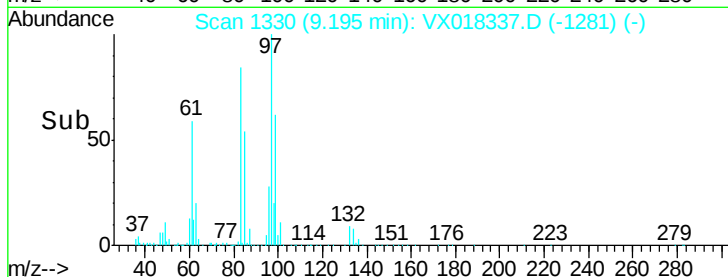
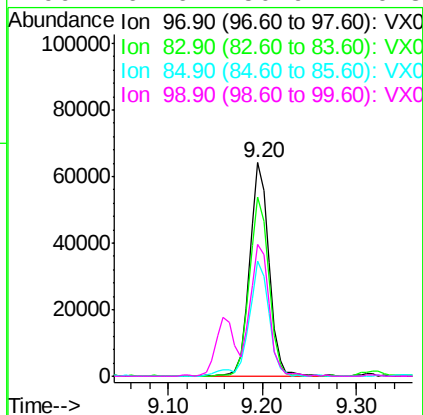
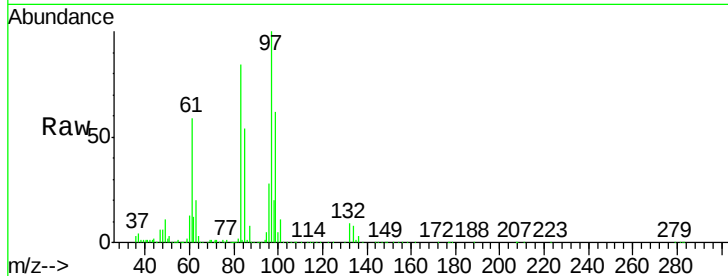
#55
 1,1,2-Trichloroethane
 Concen: 21.111 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		92522		
83	84.1	67.8	101.6		
85	53.7	45.3	67.9		
99	61.6	50.9	76.3		

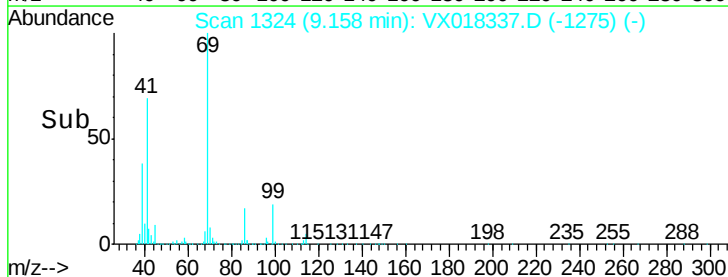
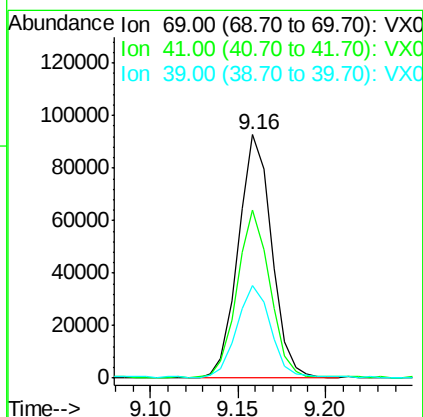
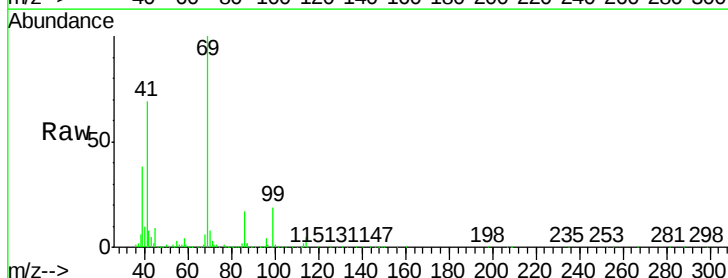
Manual Integrations
 APPROVED

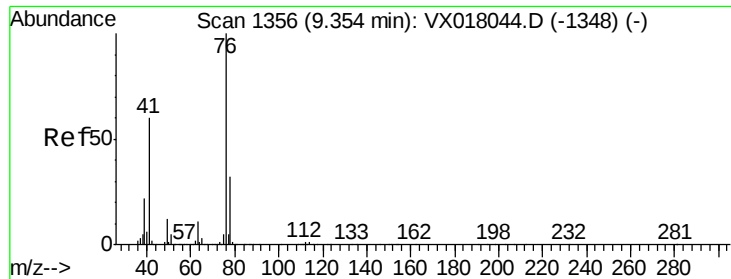
MMDadoda
 9/11/2020 10:13:19 AM



#56
 Ethyl methacrylate
 Concen: 19.008 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		123847		
41	67.7	54.6	81.8		
39	38.7	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 20.292 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 76 Resp: 146682

Ion Ratio Lower Upper

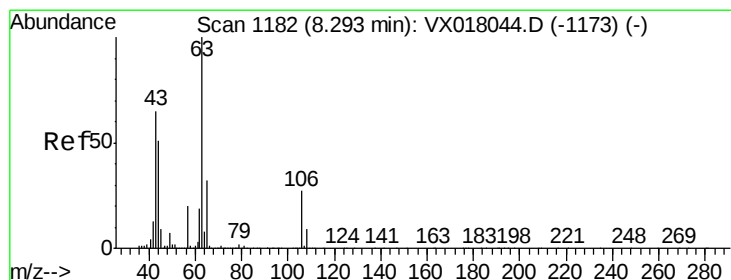
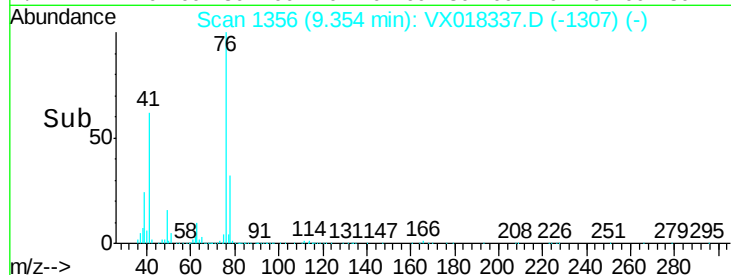
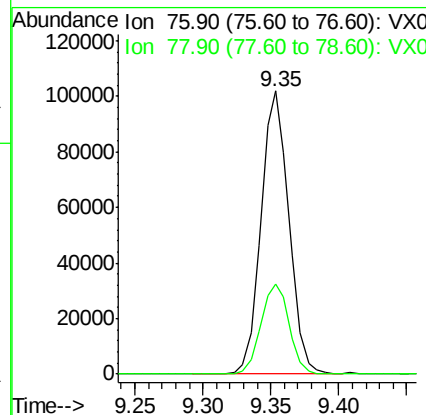
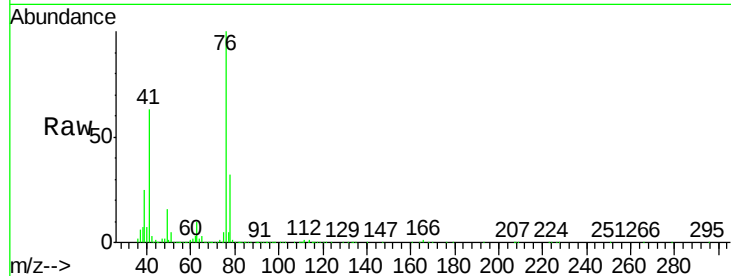
76 100

78 32.4 25.8 38.6

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#58

2-Chloroethyl Vinyl ether

Concen: 101.058 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018337.D

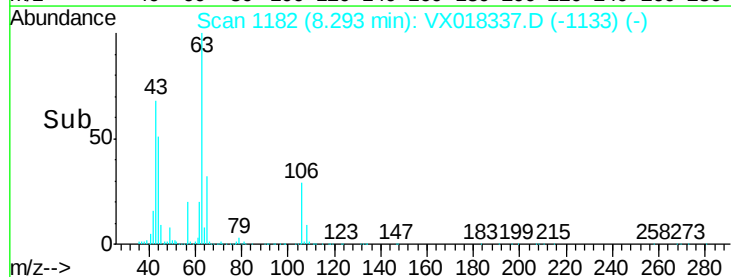
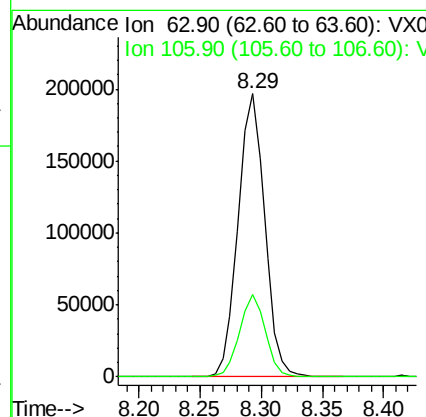
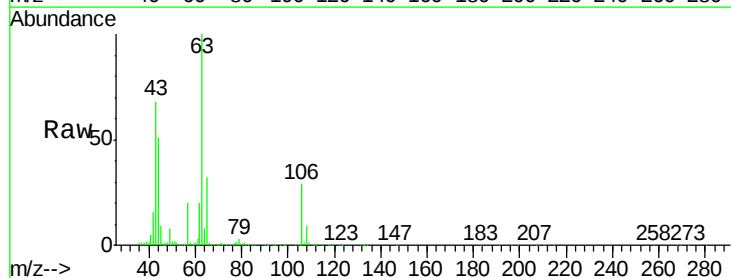
Acq: 10 Sep 2020 12:34

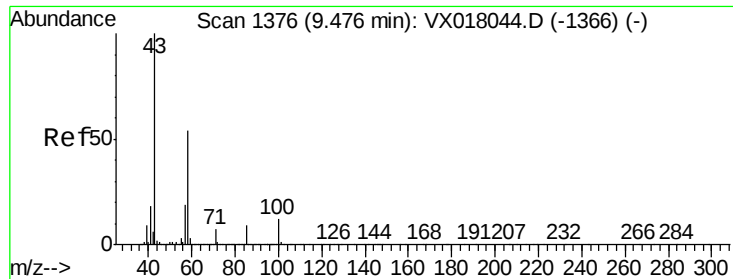
Tgt Ion: 63 Resp: 296195

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





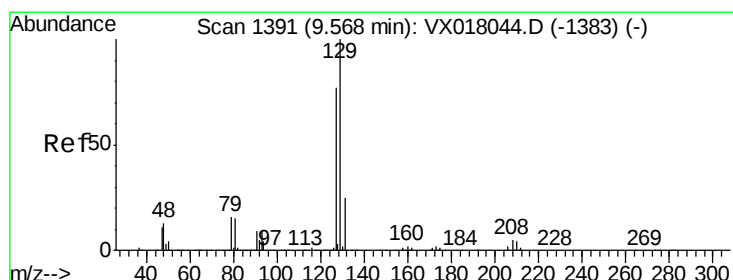
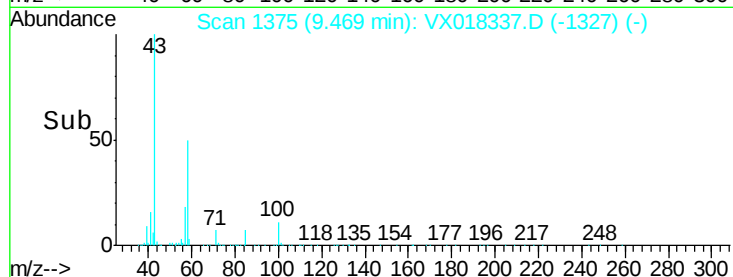
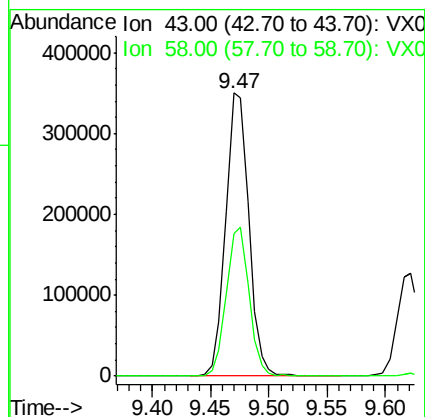
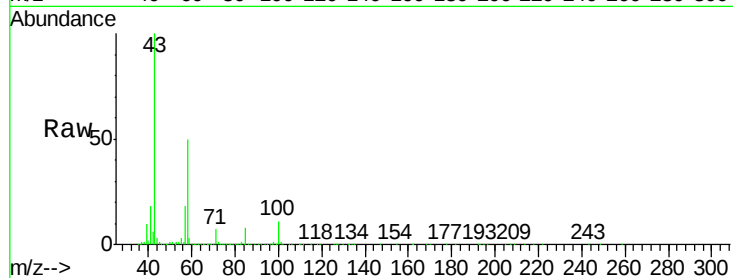
#59
2-Hexanone
Concen: 99.067 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion: 43 Resp: 481433
Ion Ratio Lower Upper
43 100
58 52.2 26.6 79.7

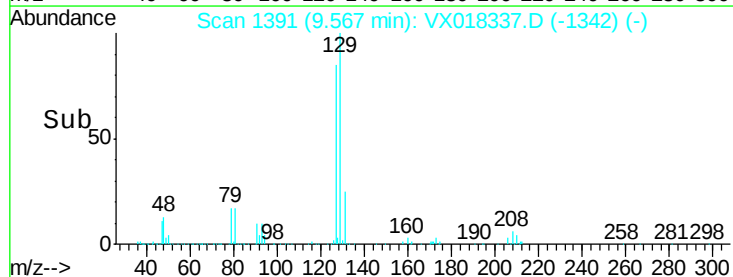
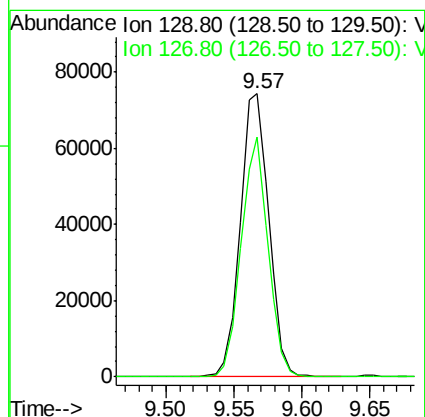
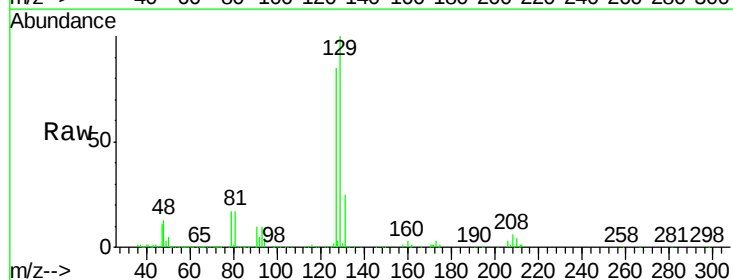
Manual Integrations
APPROVED

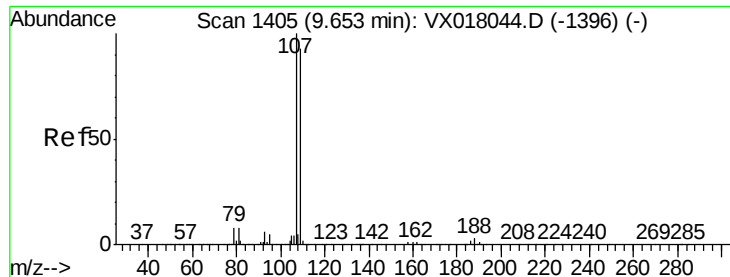
MMDadoda
9/11/2020 10:13:19 AM



#60
Dibromochloromethane
Concen: 21.155 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion: 129 Resp: 108764
Ion Ratio Lower Upper
129 100
127 79.7 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.933 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 107 Resp: 94843

Ion Ratio Lower Upper

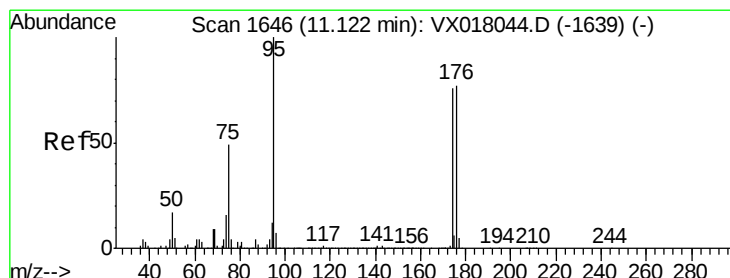
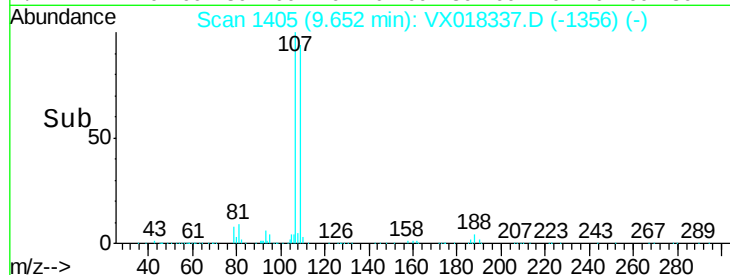
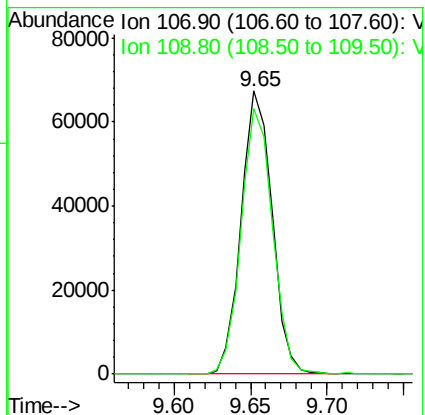
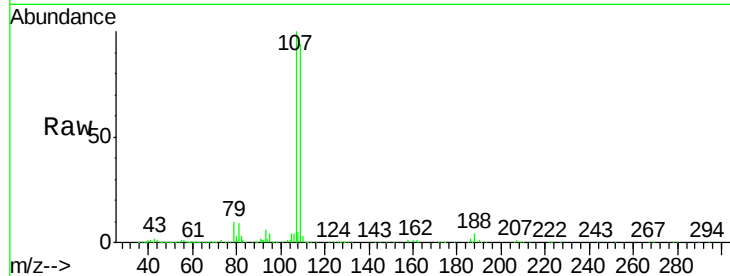
107 100

109 95.2 75.9 113.9

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM



#62

4-Bromofluorobenzene

Concen: 48.723 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

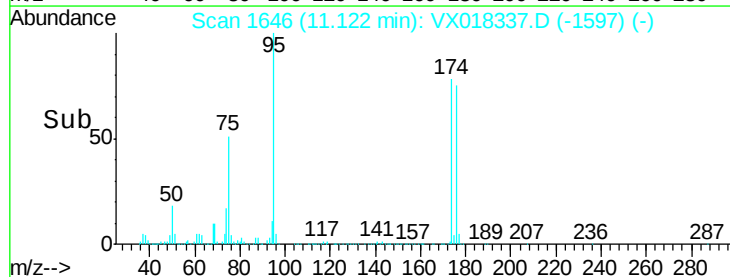
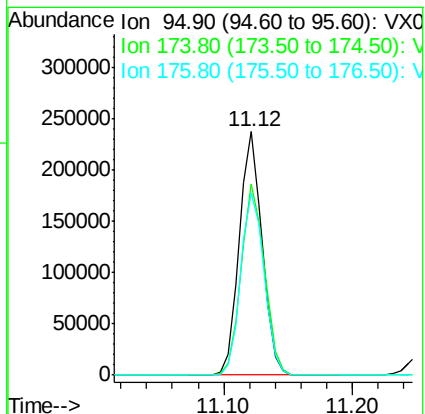
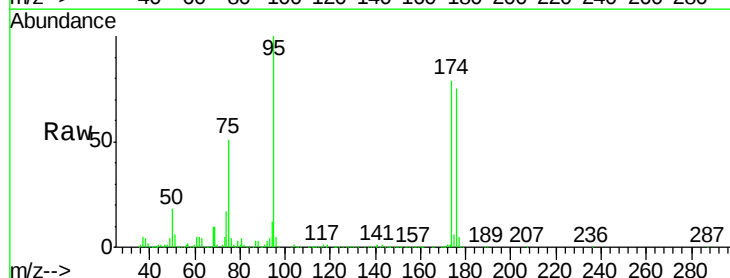
Tgt Ion: 95 Resp: 290764

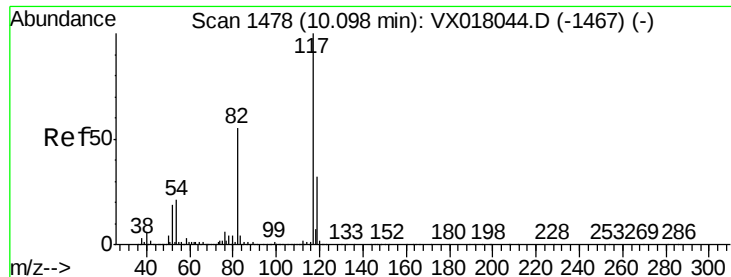
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.2

176 76.8 0.0 155.8





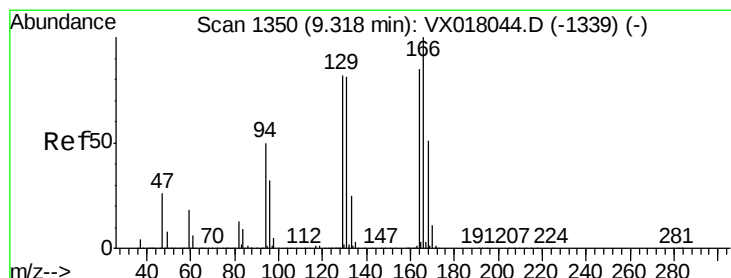
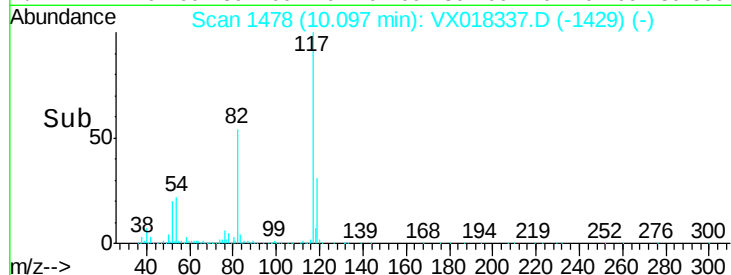
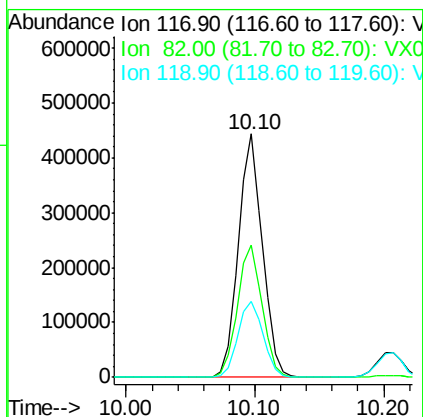
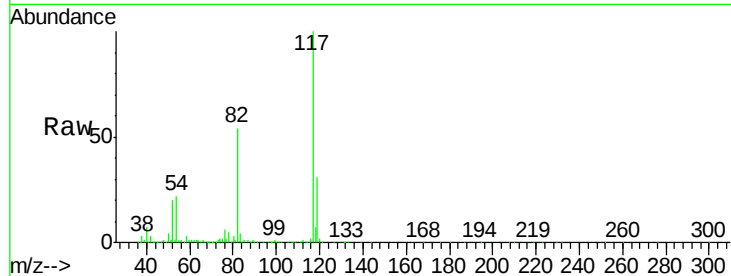
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	574281		
82	54.2		44.2	66.2
119	31.3		25.7	38.5

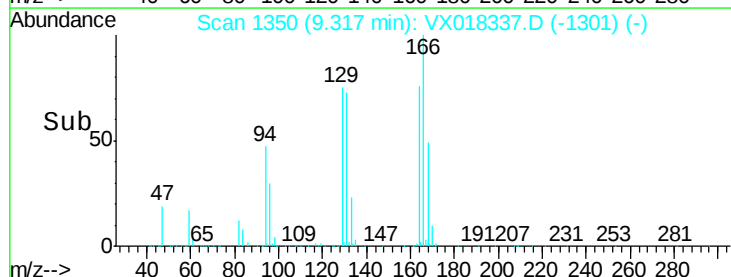
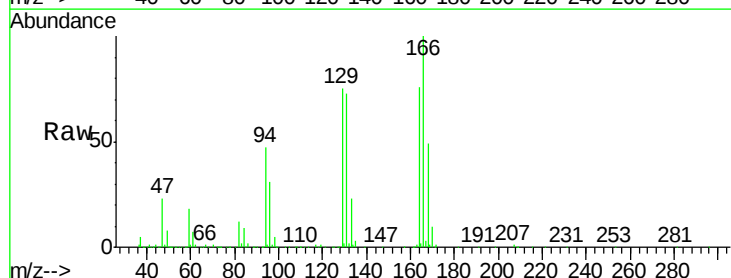
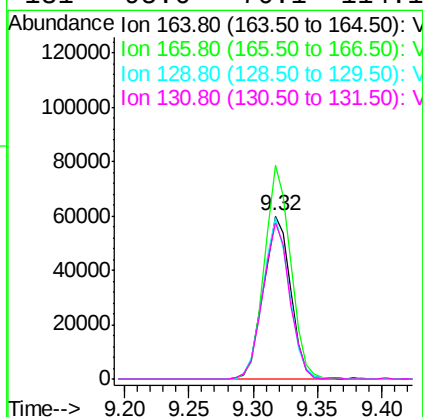
Manual Integrations
APPROVED

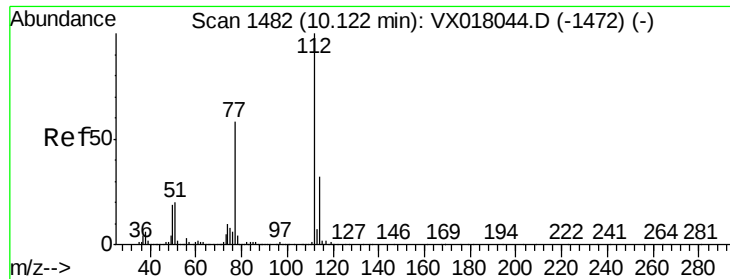
MMDadoda
9/11/2020 10:13:19 AM



#64
Tetrachloroethene
Concen: 20.777 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	87683		
166	130.9		94.2	141.2
129	98.4		76.9	115.3
131	95.6		76.1	114.1





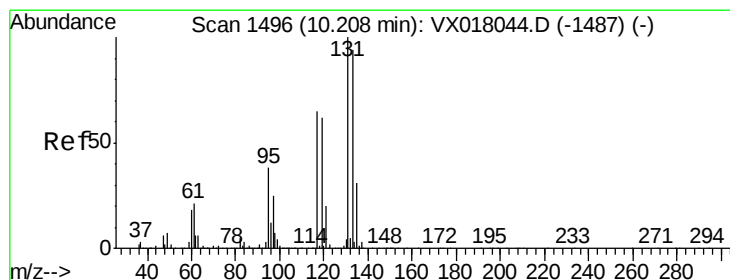
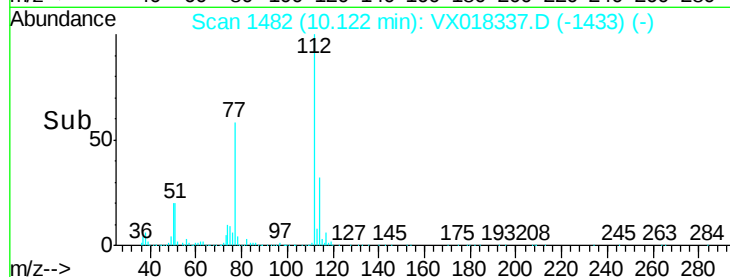
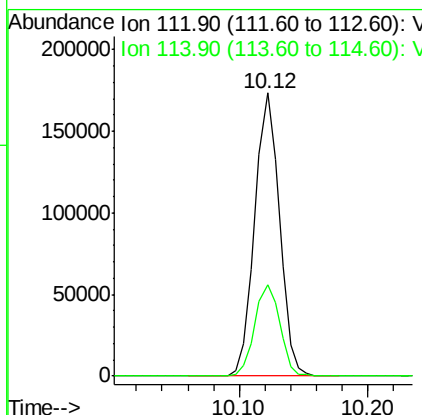
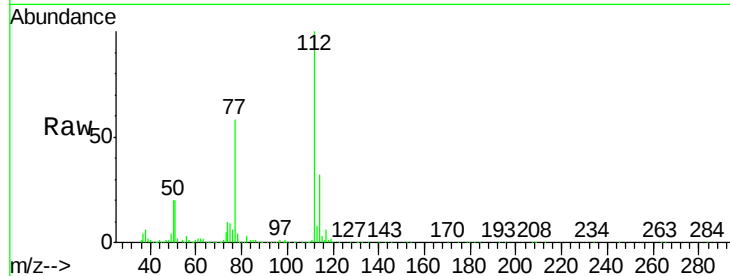
#65
Chlorobenzene
Concen: 19.941 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.7	38.5

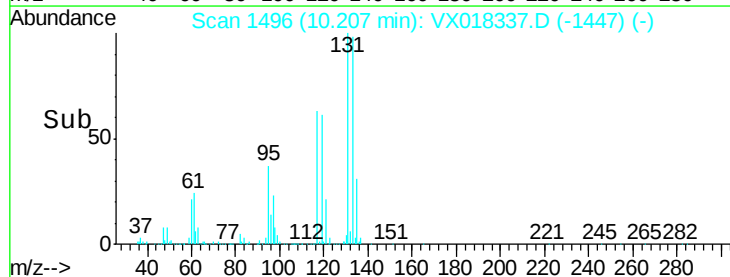
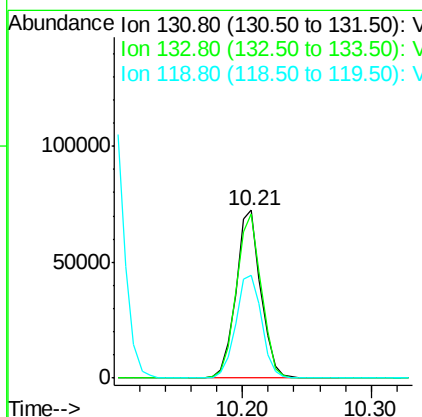
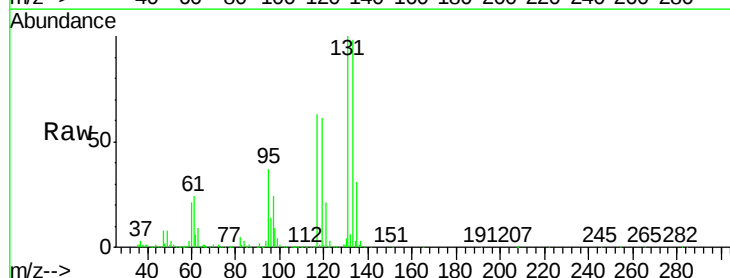
Manual Integrations
APPROVED

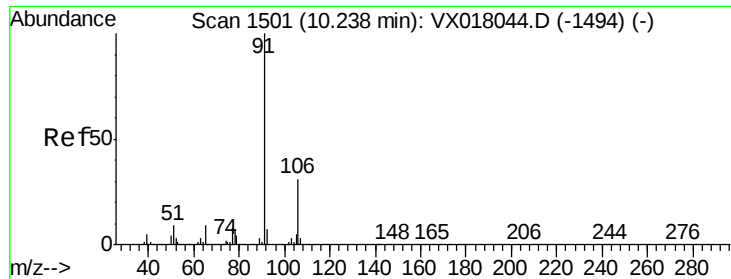
MMDadoda
9/11/2020 10:13:19 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 21.444 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
131	100		
133	98.1	46.7	140.1
119	63.8	31.8	95.4





#67

Ethyl Benzene

Concen: 20.025 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0910WBS01

Tot Ion: 91 Resp: 390595

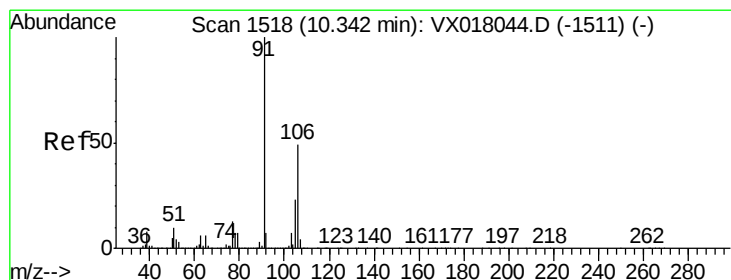
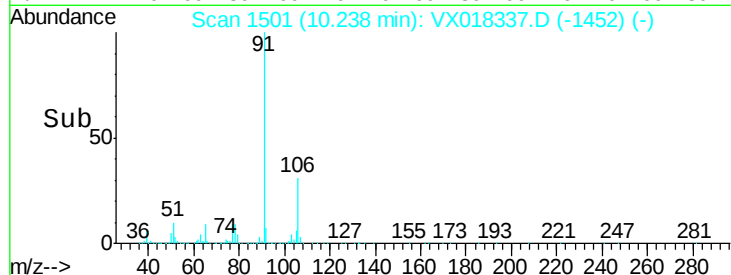
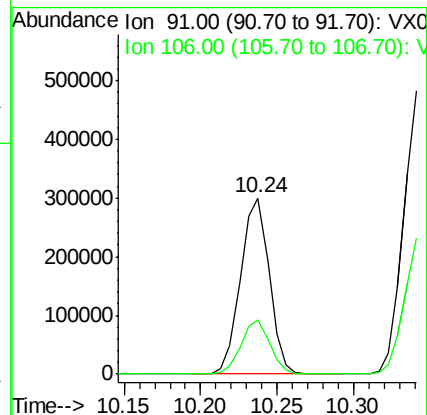
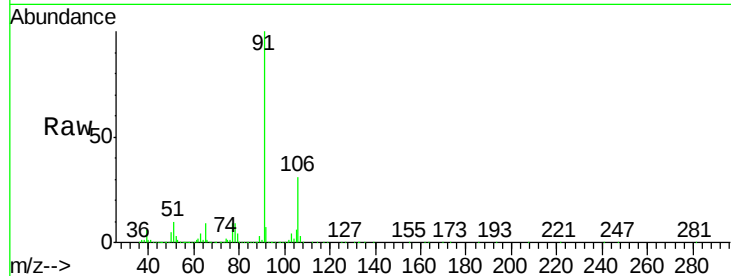
Ion Ratio Lower Upper

91 100

106 31.1 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#68

m/p-Xylenes

Concen: 40.659 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018337.D

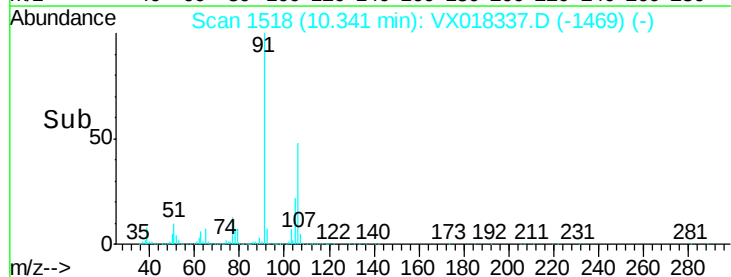
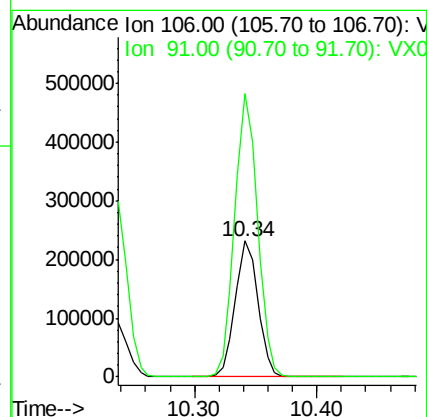
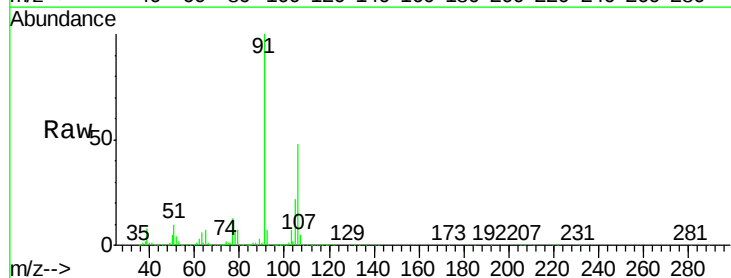
Acq: 10 Sep 2020 12:34

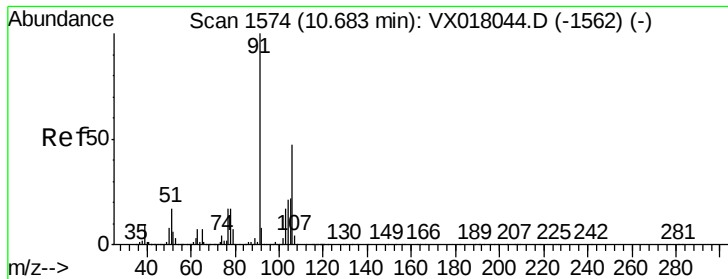
Tgt Ion: 106 Resp: 296008

Ion Ratio Lower Upper

106 100

91 210.3 162.2 243.2





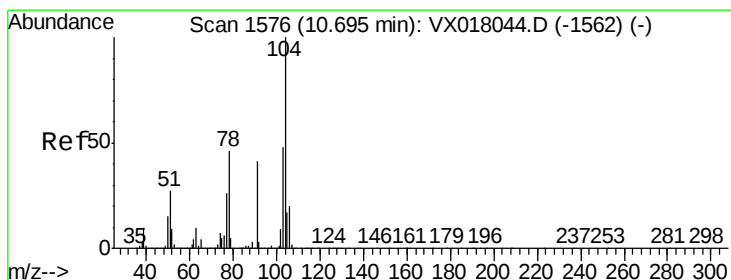
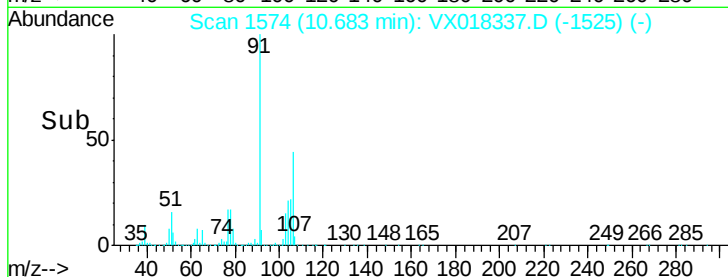
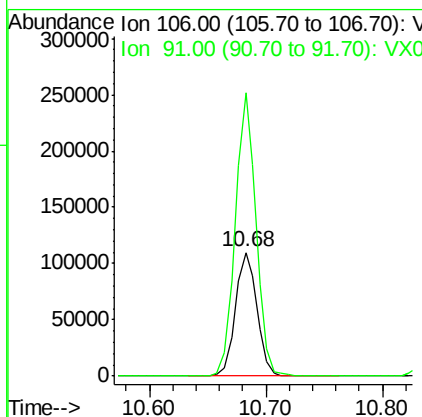
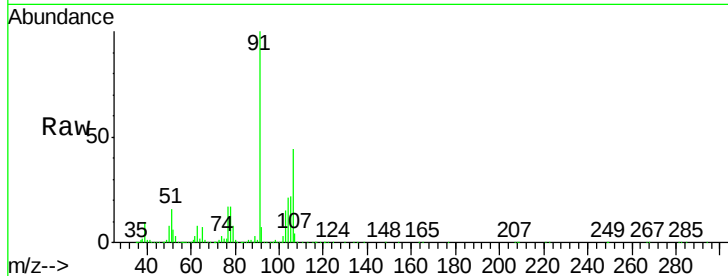
#69
o-Xylene
Concen: 20.081 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	141719		
91	219.8	107.1	321.3	

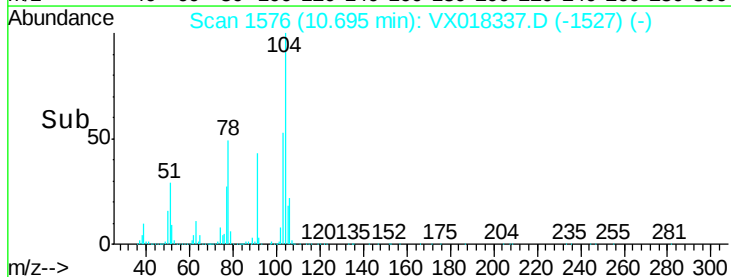
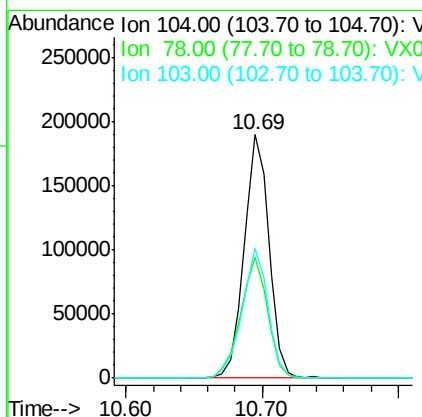
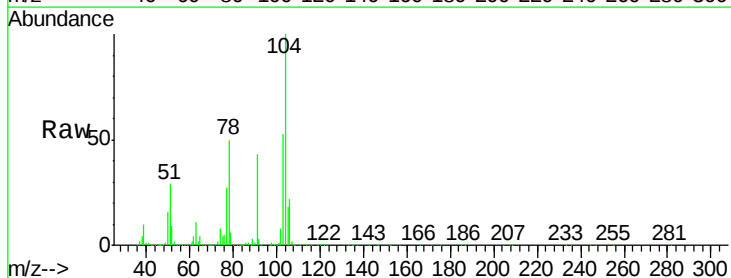
Manual Integrations
APPROVED

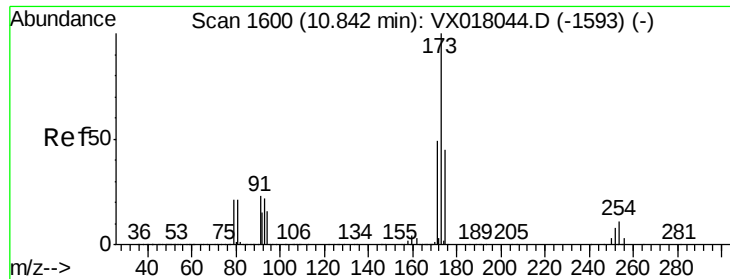
MMDadoda
9/11/2020 10:13:19 AM



#70
Styrene
Concen: 20.234 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	243187		
78	54.0	40.9	61.3	
103	55.9	43.6	65.4	





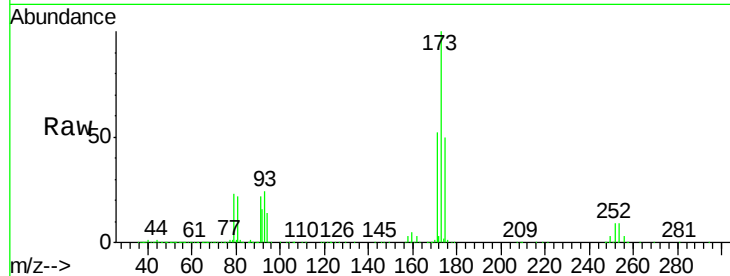
#71
Bromoform
Concen: 21.506 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.9	71.8
254	0.1	0.2	0.2

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM

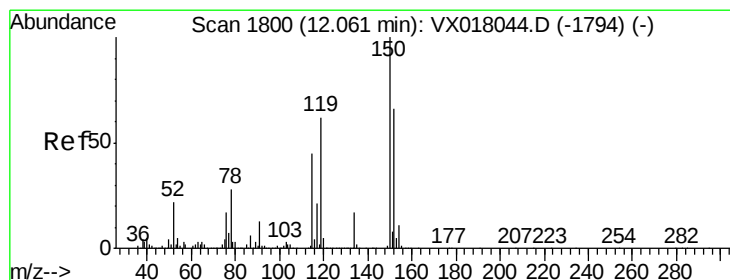
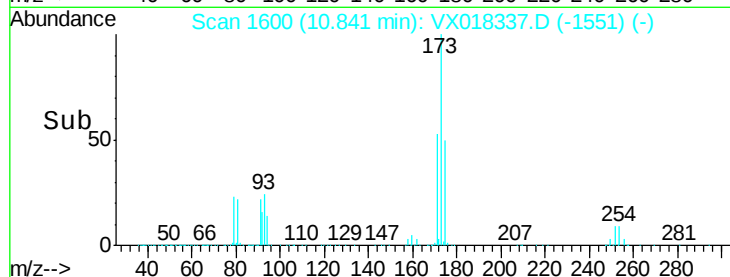
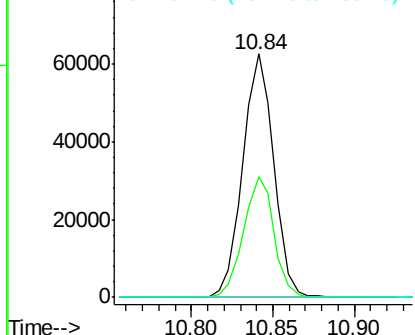


Abundance

Ion 172.70 (172.40 to 173.40): V

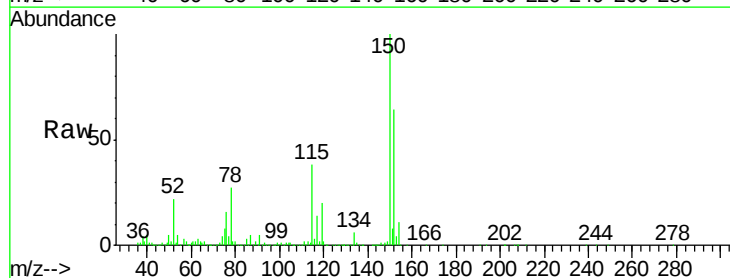
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.7	41.5	124.5
150	161.6	0.0	343.8

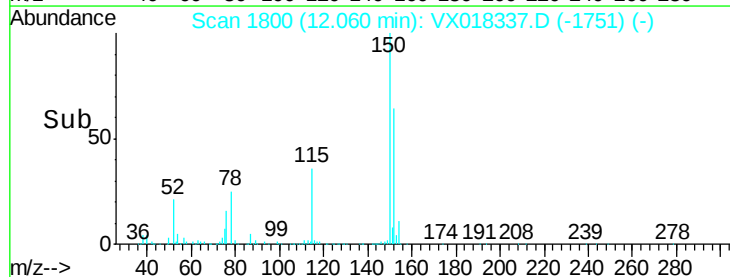
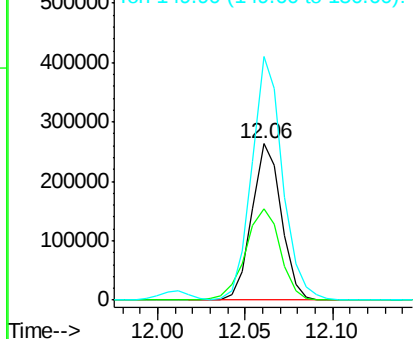


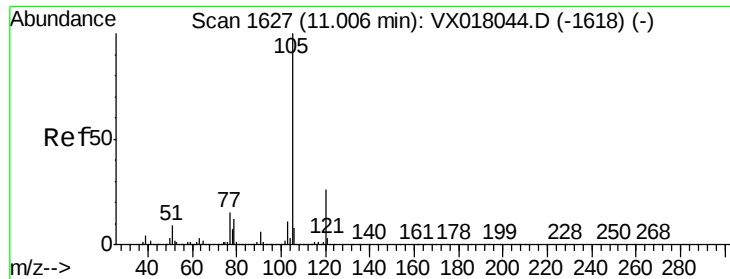
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.283 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampleId :

VX0910WBS01

Tot Ion: 105 Resp: 393896

Ion Ratio Lower Upper

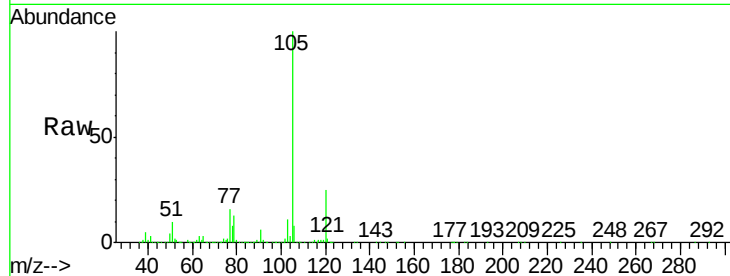
105 100

120 25.9 13.2 39.5

Manual Integrations
APPROVED

MMDadoda

9/11/2020 10:13:19 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

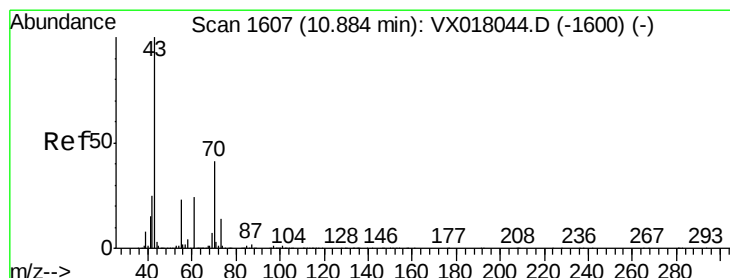
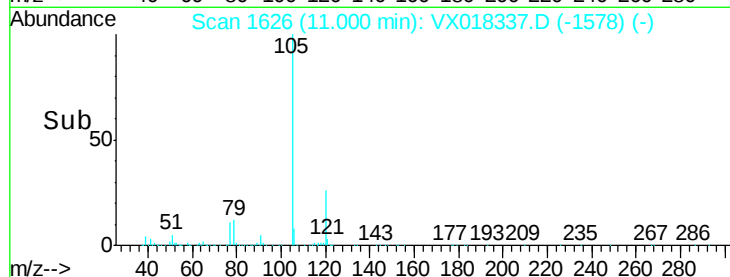
300000

200000

100000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 17.487 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion: 43 Resp: 169480

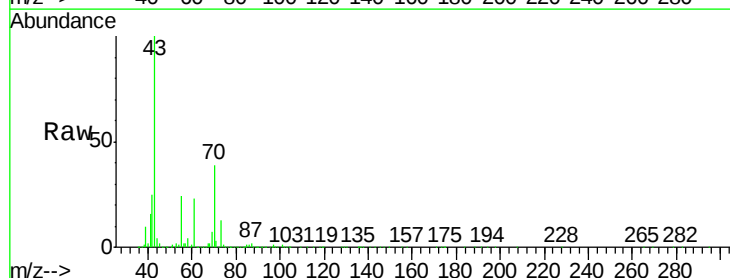
Ion Ratio Lower Upper

43 100

70 40.0 32.3 48.5

55 23.6 18.2 27.2

61 23.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

200000

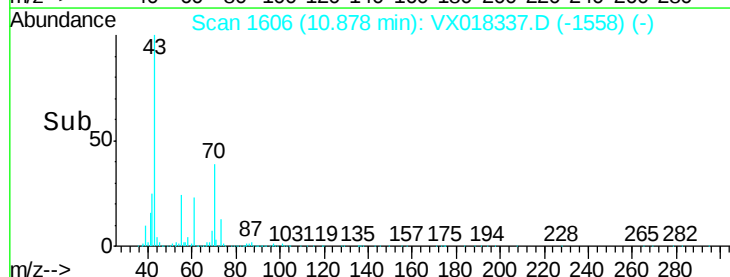
150000

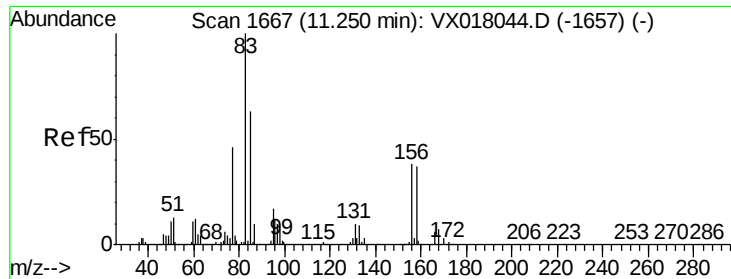
100000

50000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 18.462 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

ClientSampled :

VX0910WBS01

Tot Ion: 83 Resp: 133032
Ion Ratio Lower Upper

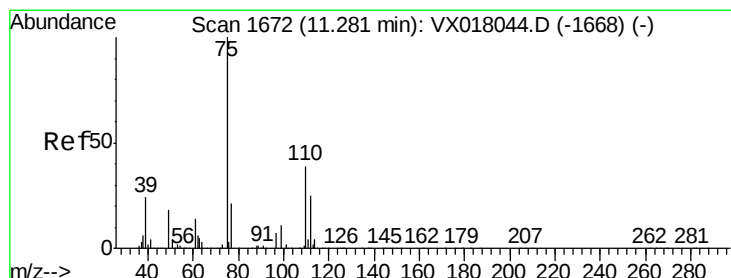
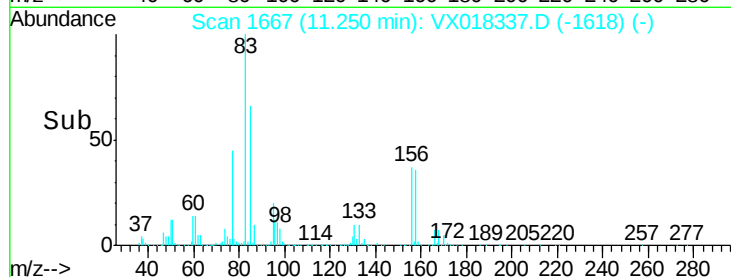
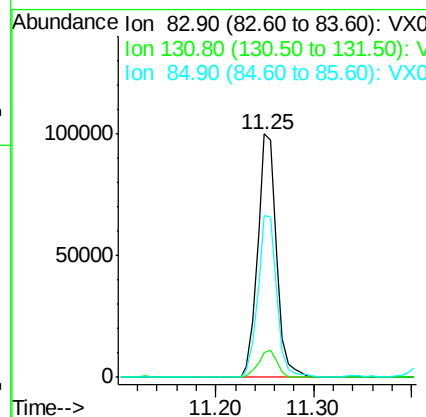
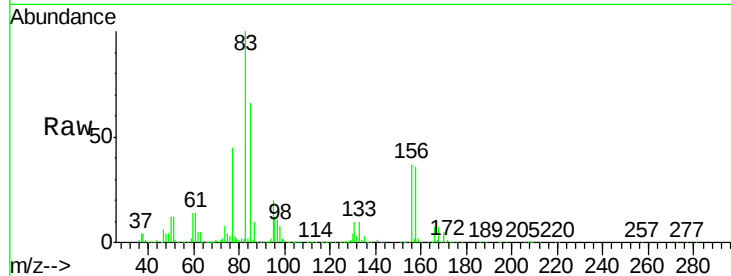
83 100

131 11.2 5.1 15.4

85 66.7 32.2 96.6

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#76

1,2,3-Trichloropropane

Concen: 19.004 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

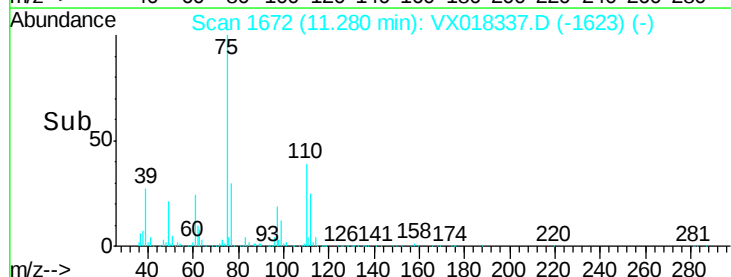
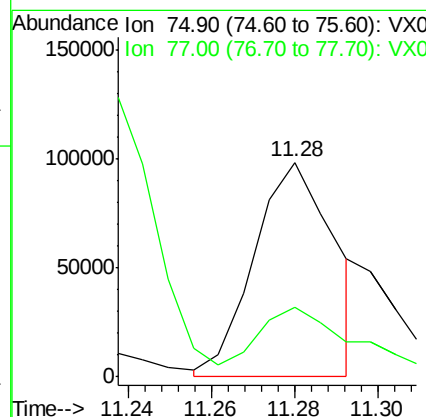
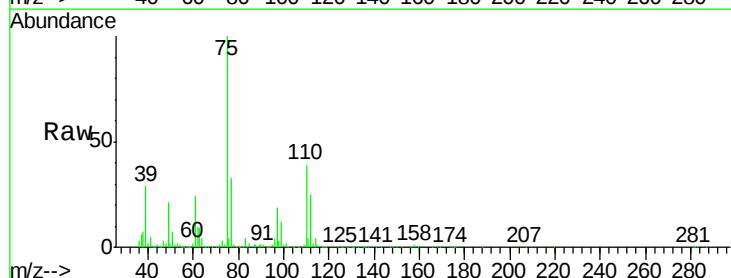
Lab File: VX018337.D

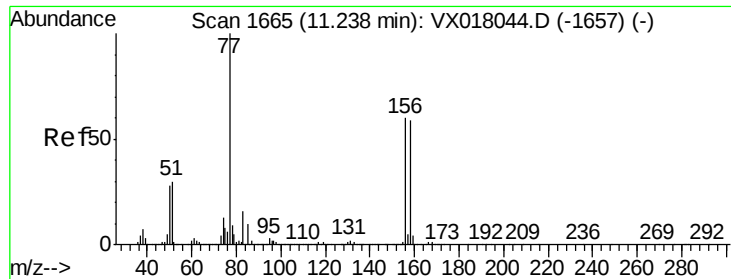
Acq: 10 Sep 2020 12:34

Tgt Ion: 75 Resp: 130917
Ion Ratio Lower Upper

75 100

77 39.9 20.8 62.2





#77

Bromobenzene

Concen: 19.160 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

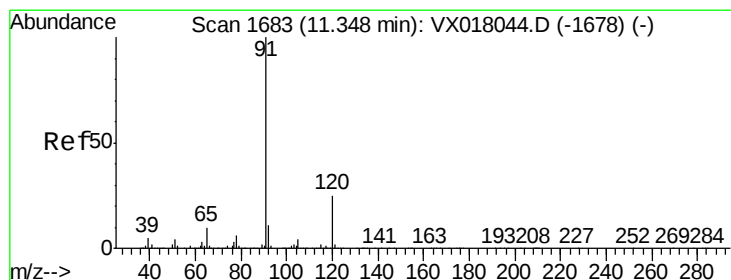
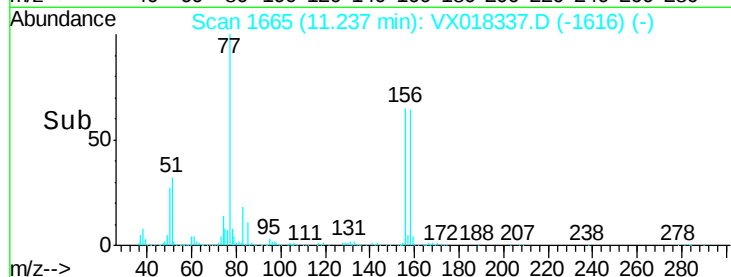
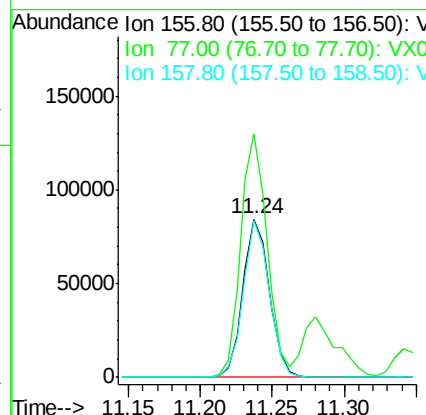
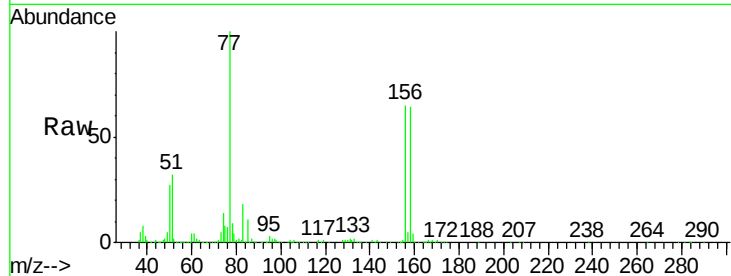
ClientSampleId :

VX0910WBS01

Tot Ion:	156	Resp:	108186
Ion Ratio	Lower	Upper	
156	100		
77	153.8	80.0	240.2
158	96.8	49.5	148.7

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#78

n-propylbenzene

Concen: 19.106 ug/l

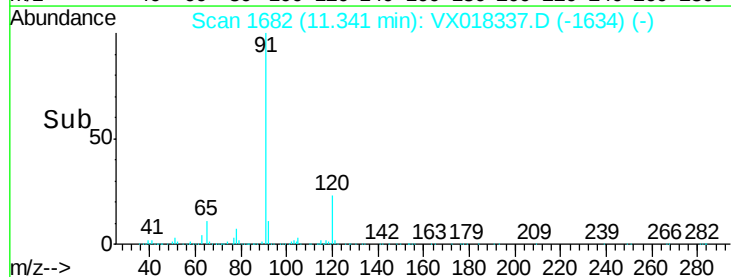
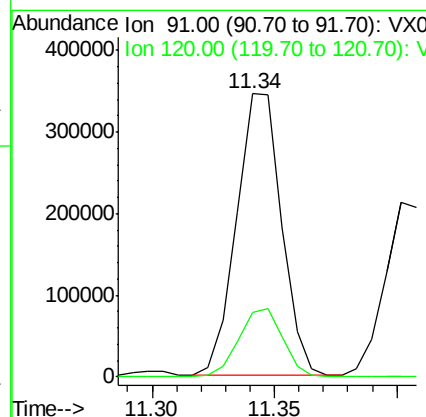
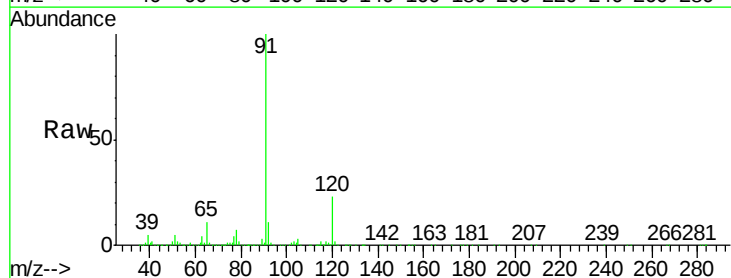
RT: 11.34 min Scan# 1682

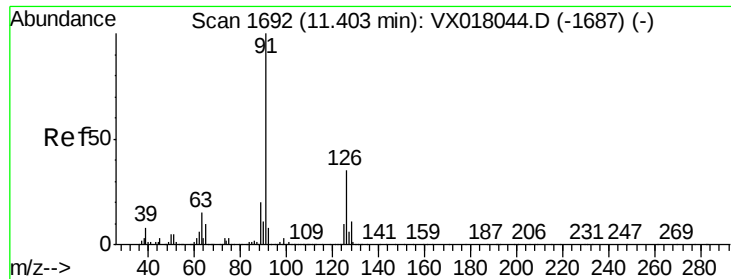
Delta R.T. -0.01 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	91	Resp:	443135
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





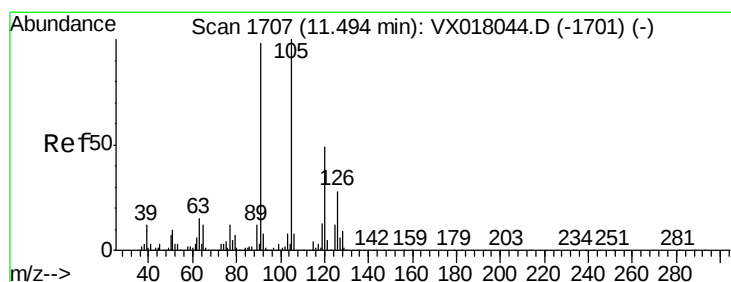
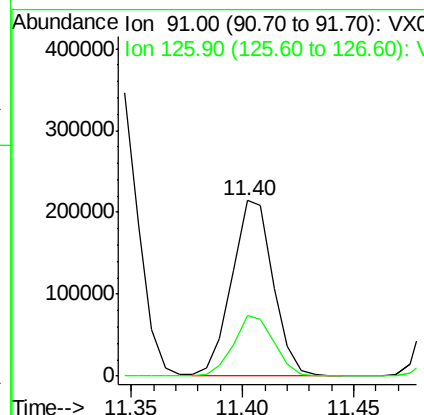
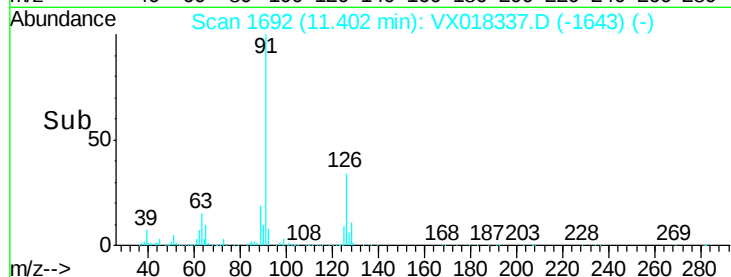
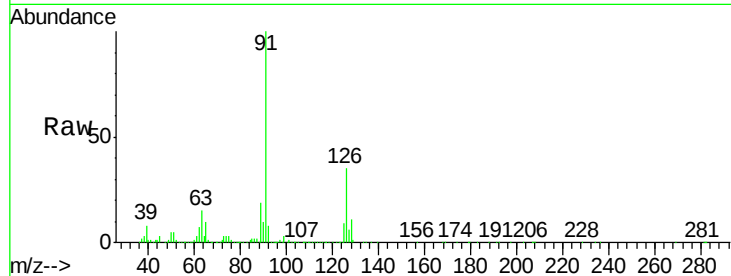
#79
2-Chlorotoluene
Concen: 19.196 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion: 91 Resp: 275064
Ion Ratio Lower Upper
91 100
126 34.0 17.4 52.2

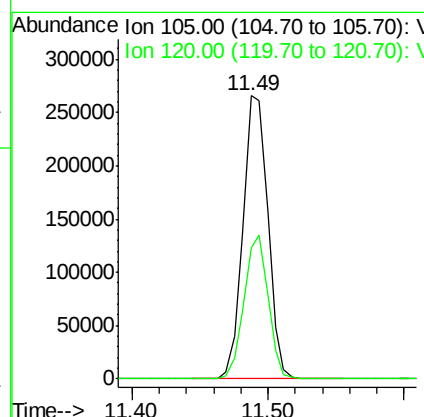
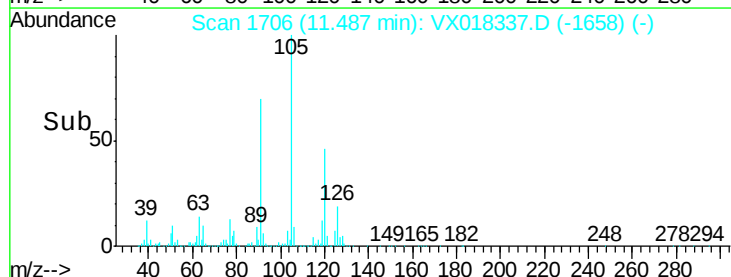
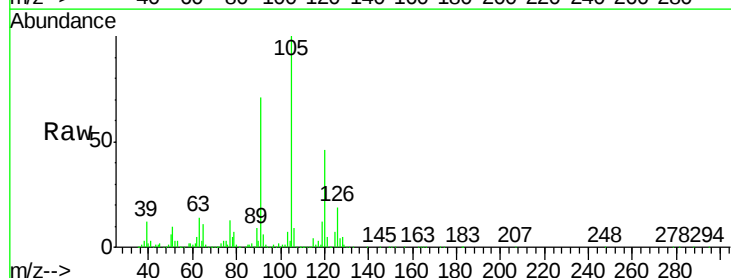
Manual Integrations
APPROVED

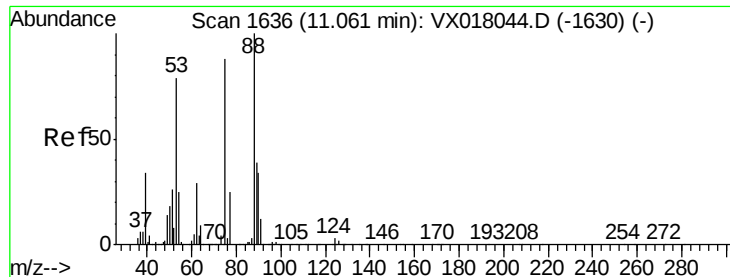
MMDadoda
9/11/2020 10:13:19 AM



#80
1,3,5-Trimethylbenzene
Concen: 20.185 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion: 105 Resp: 338824
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.2





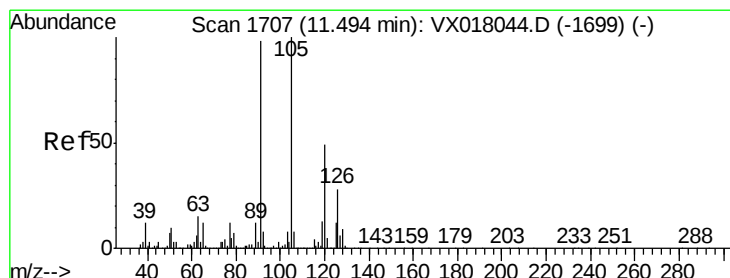
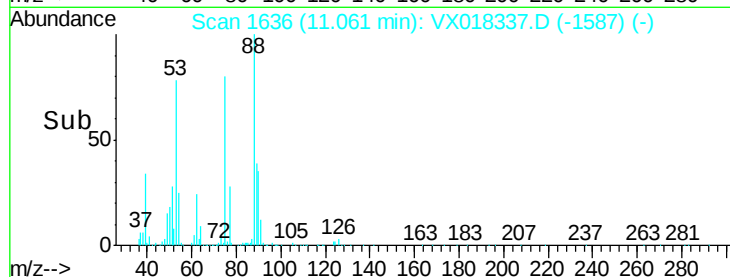
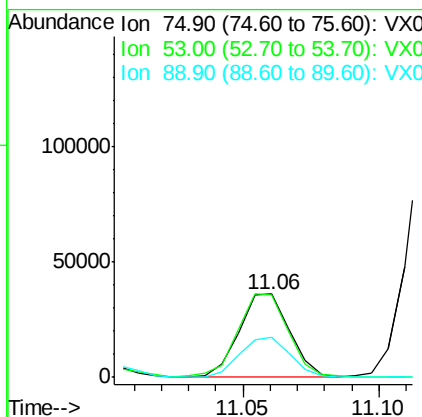
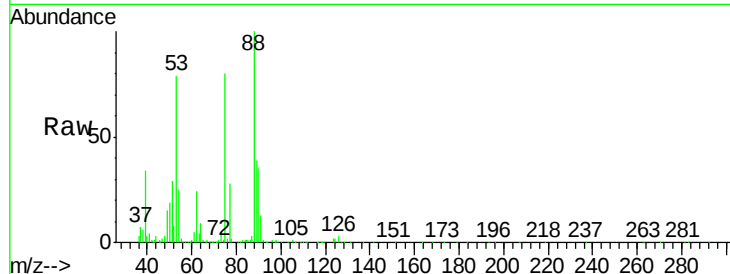
#81
trans-1,4-Dichloro-2-butene
Concen: 18.200 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampled :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.7	74.7	112.1
89	48.2	36.6	54.8

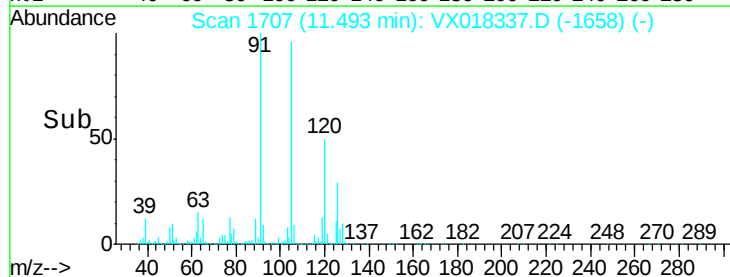
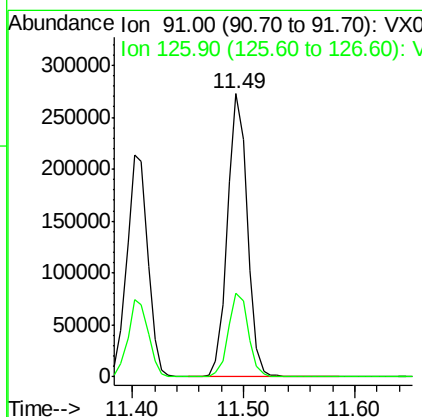
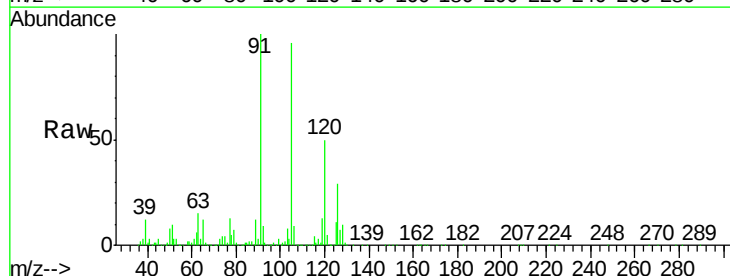
Manual Integrations
APPROVED

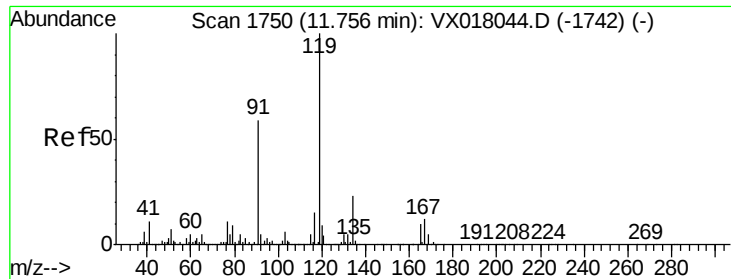
MMDadoda
9/11/2020 10:13:19 AM



#82
4-Chlorotoluene
Concen: 19.649 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.9	15.1	45.3





#83

tert-Butylbenzene

Concen: 19.279 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

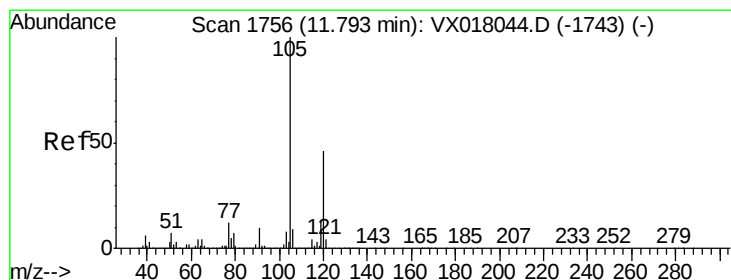
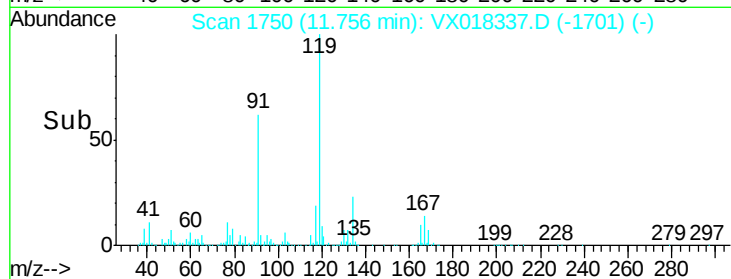
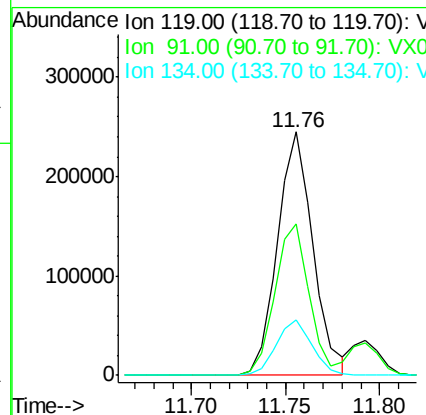
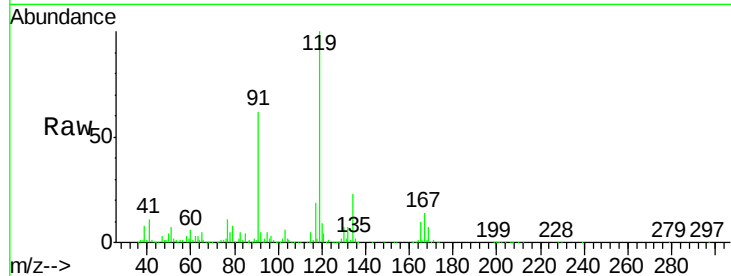
ClientSampleId :

VX0910WBS01

Tot Ion:	119	Resp:	319360
Ion Ratio	Lower	Upper	
119	100		
91	59.8	28.2	84.7
134	22.7	11.3	33.8

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#84

1,2,4-Trimethylbenzene

Concen: 20.342 ug/l

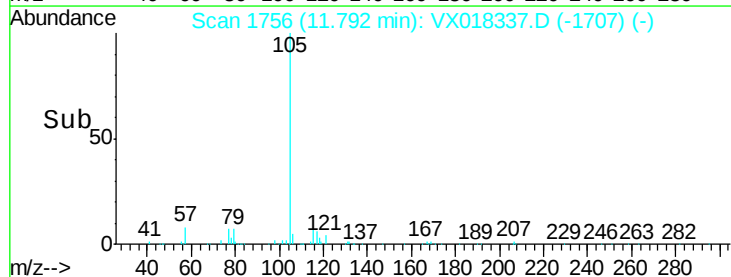
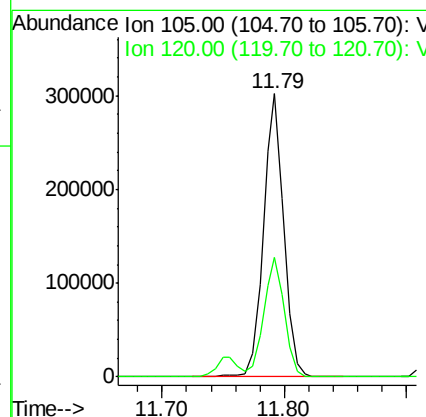
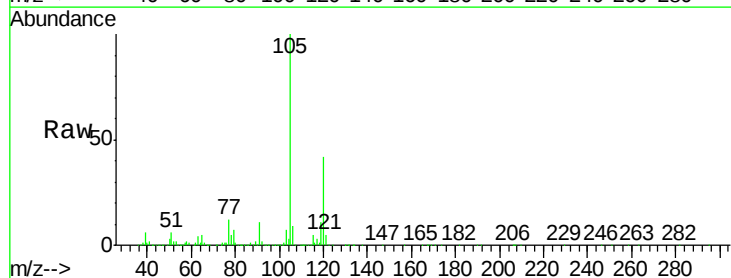
RT: 11.79 min Scan# 1756

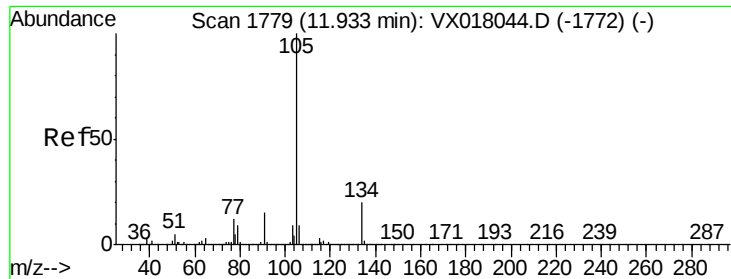
Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	105	Resp:	349099
Ion Ratio	Lower	Upper	
105	100		
120	42.9	22.3	66.9





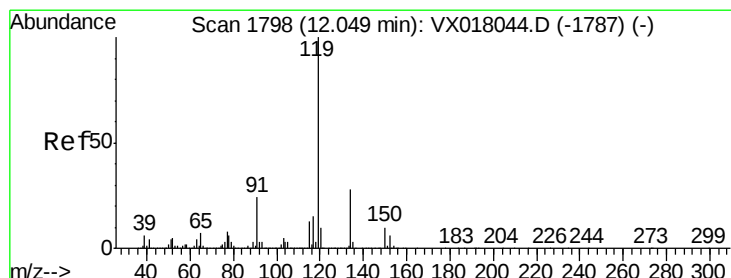
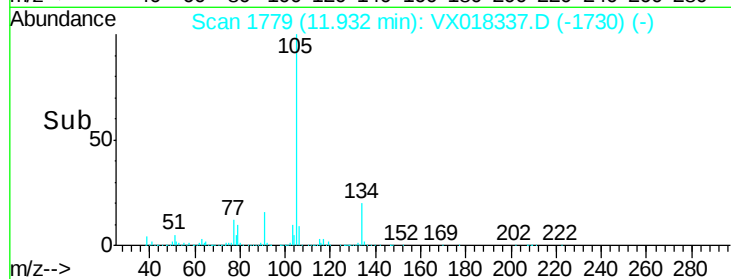
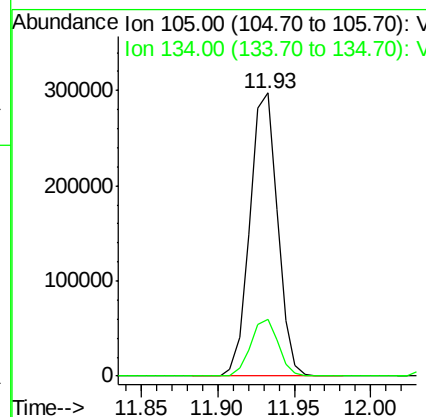
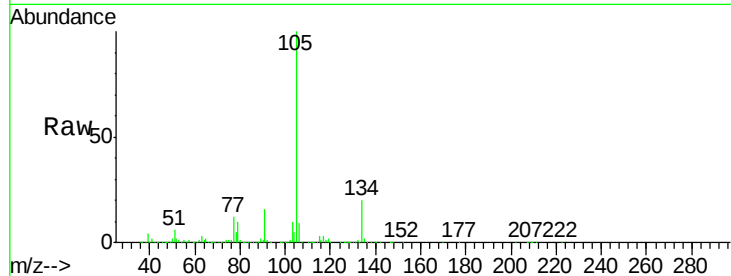
#85
 sec-Butylbenzene
 Concen: 19.841 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	373765		
134	20.2	10.1	30.3	

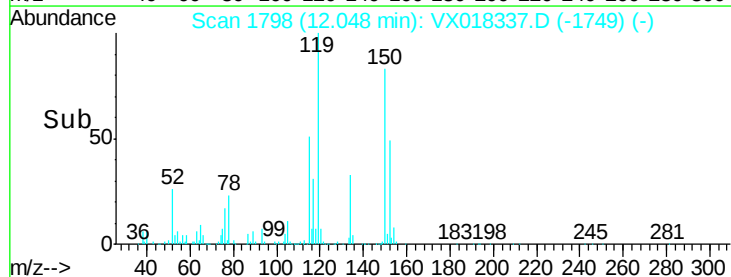
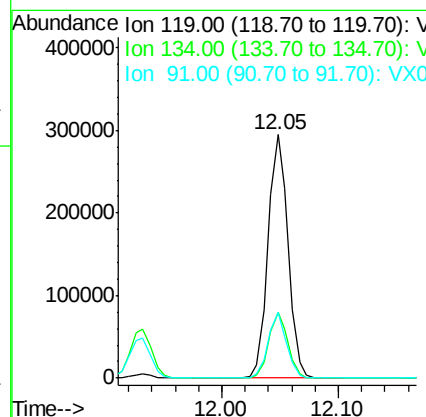
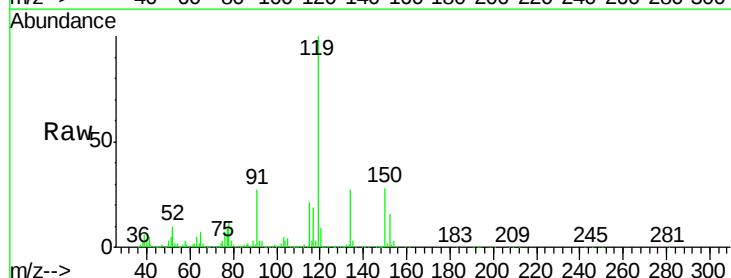
Manual Integrations
 APPROVED

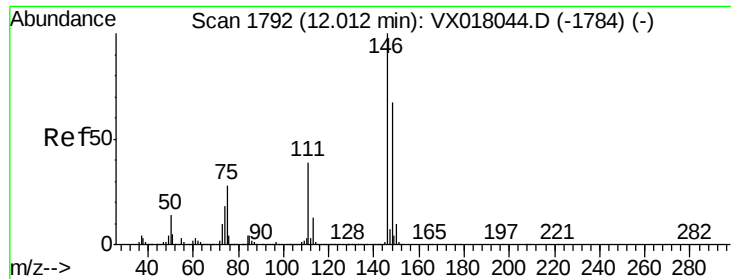
MMDadoda
 9/11/2020 10:13:19 AM



#86
 p-Isopropyltoluene
 Concen: 20.226 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	349991		
134	26.0	13.2	39.5	
91	25.3	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 19.615 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

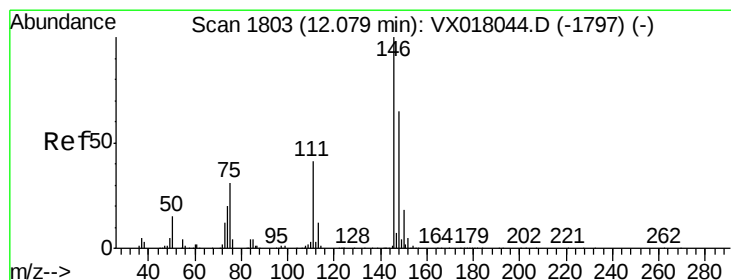
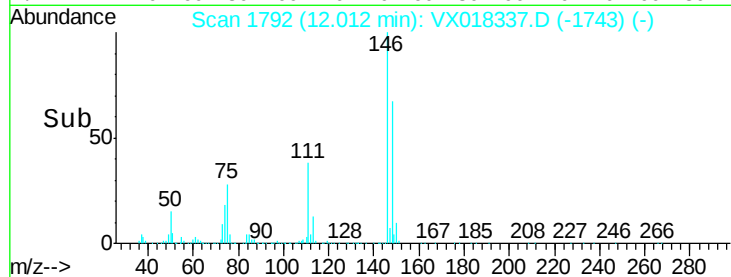
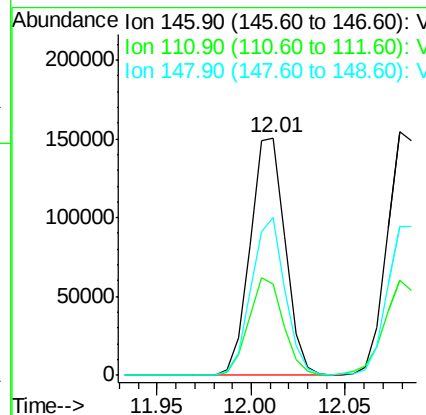
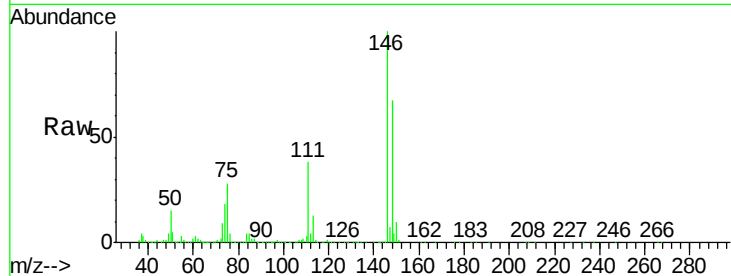
ClientSampleId :

VX0910WBS01

Tot Ion:	146	Resp:	194455
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.6	61.8
148	64.1	33.1	99.2

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#88

1,4-Dichlorobenzene

Concen: 19.508 ug/l

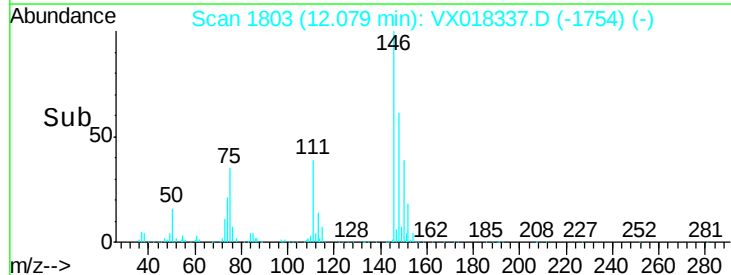
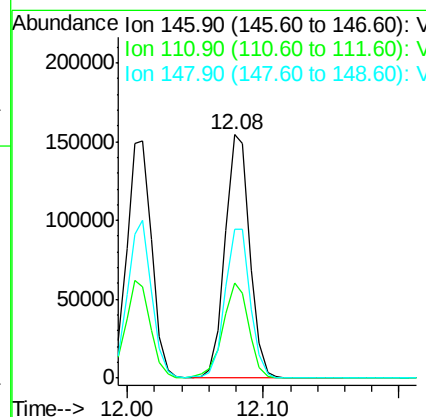
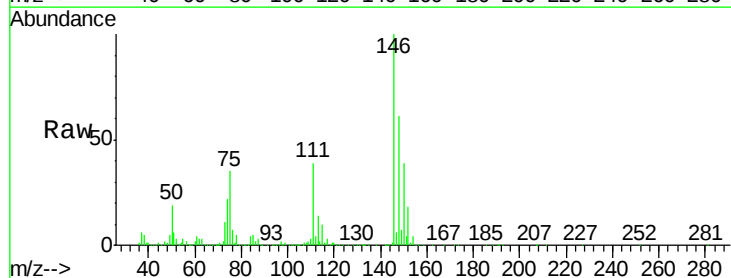
RT: 12.08 min Scan# 1803

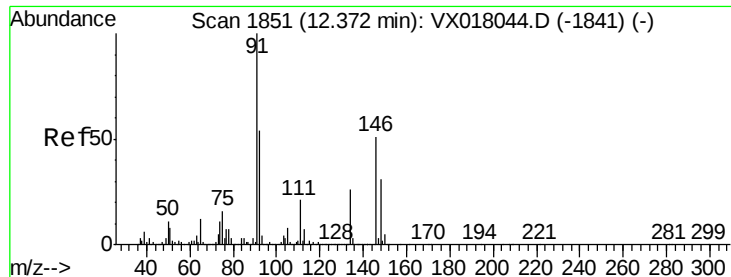
Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	146	Resp:	193633
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.3	60.8
148	62.2	33.1	99.2





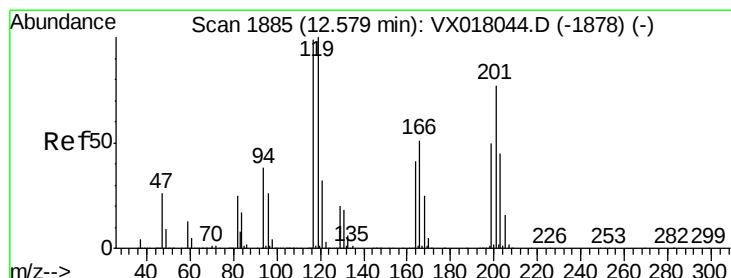
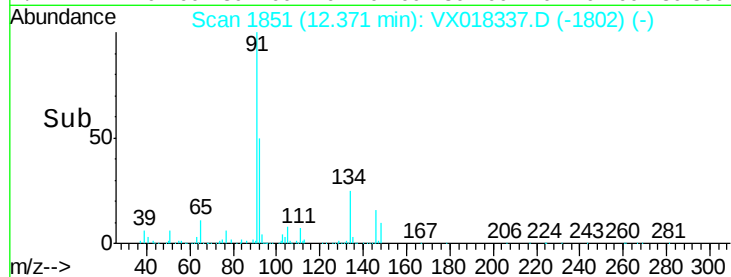
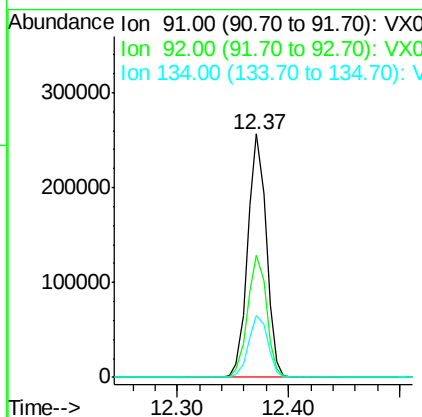
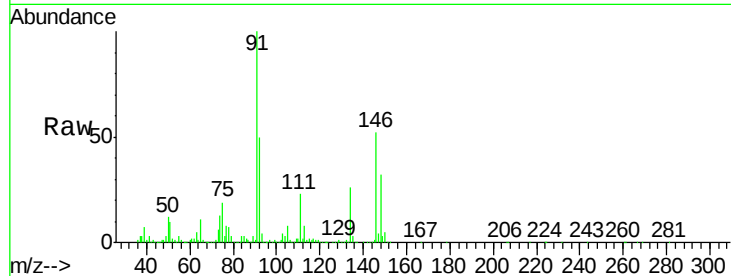
#89
n-Butylbenzene
Concen: 18.832 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	50.9	26.4	79.2
134	26.2	12.9	38.7

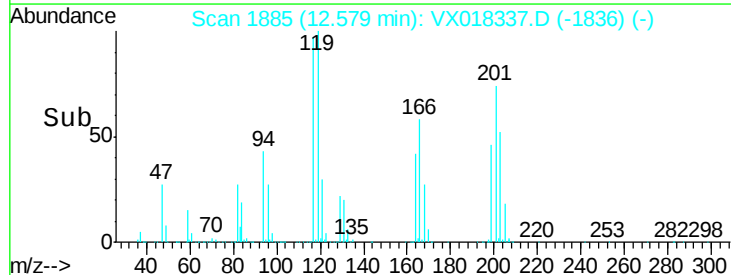
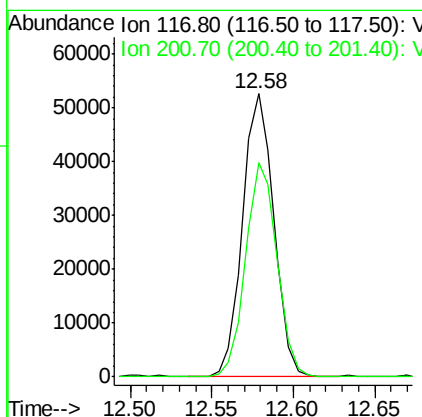
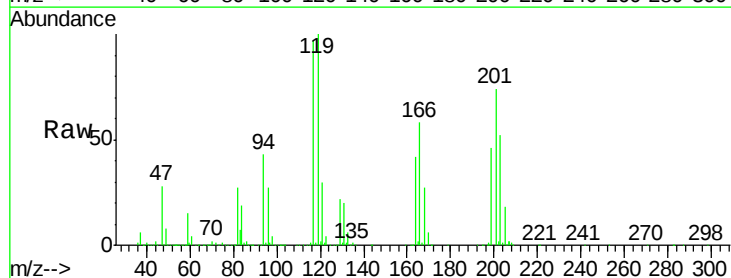
Manual Integrations
APPROVED

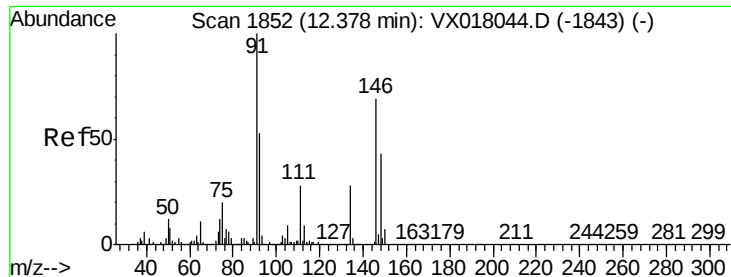
MMDadoda
9/11/2020 10:13:19 AM



#90
Hexachloroethane
Concen: 20.678 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 19.438 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Instrument :

MSVOA_X

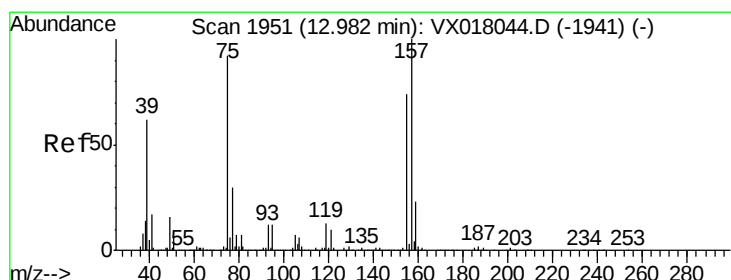
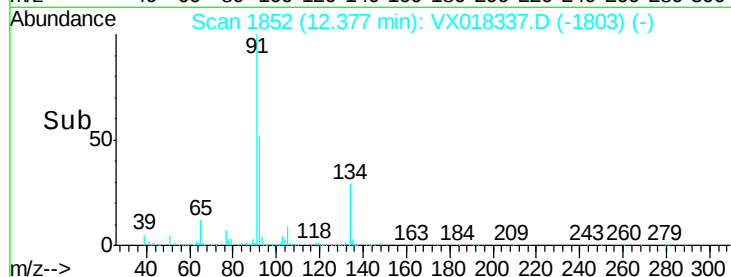
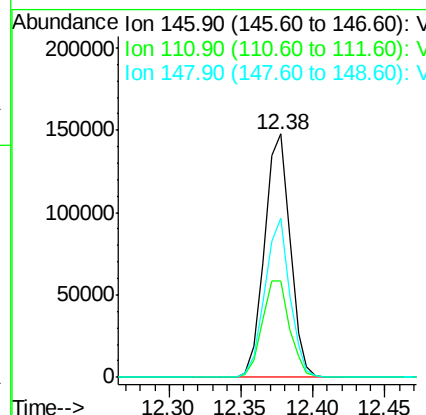
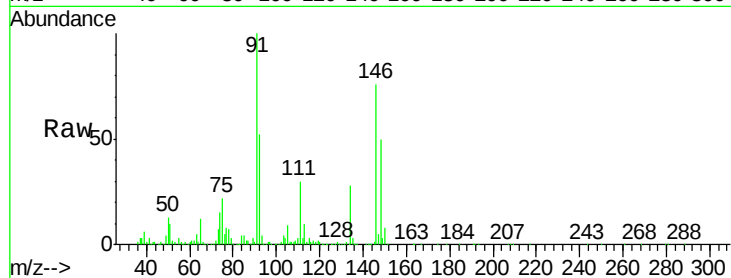
ClientSampleId :

VX0910WBS01

Tot Ion:	146	Resp:	181394
Ion Ratio	Lower	Upper	
146	100		
111	42.3	20.8	62.5
148	63.8	31.6	95.0

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.370 ug/l

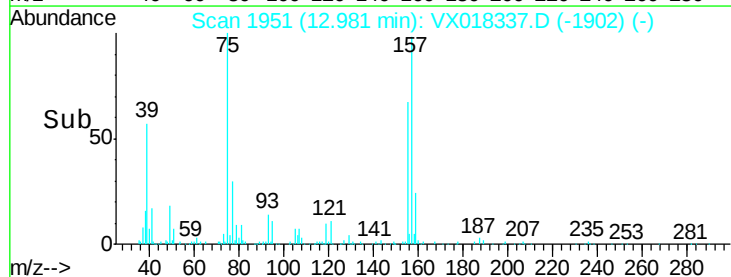
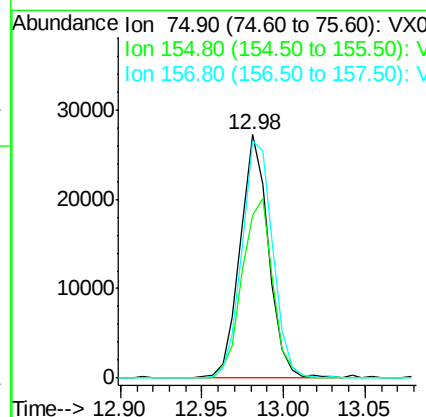
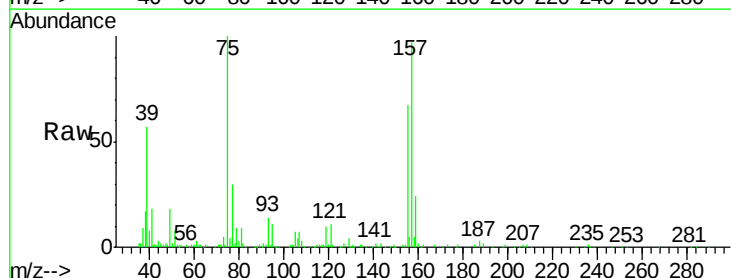
RT: 12.98 min Scan# 1951

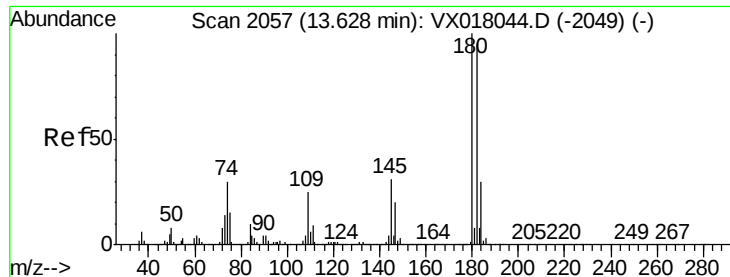
Delta R.T. -0.00 min

Lab File: VX018337.D

Acq: 10 Sep 2020 12:34

Tgt Ion:	75	Resp:	33098
Ion Ratio	Lower	Upper	
75	100		
155	79.2	40.2	120.6
157	105.8	55.0	165.2





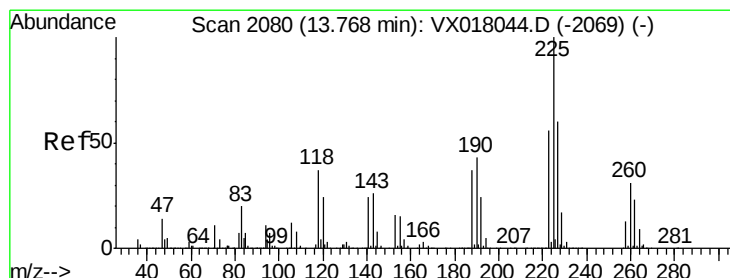
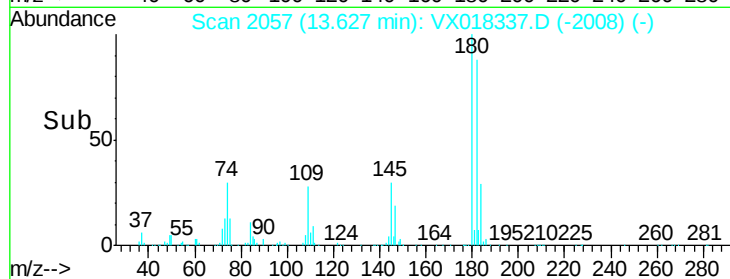
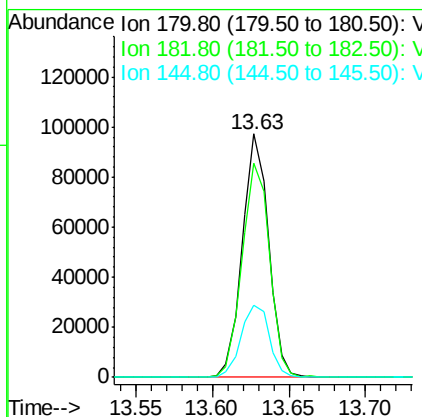
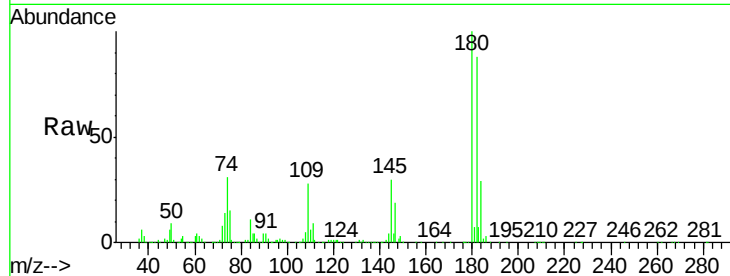
#93
 1,2,4-Trichlorobenzene
 Concen: 18.581 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0910WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	115625		
182	92.4	47.5	142.6	
145	32.1	15.7	47.1	

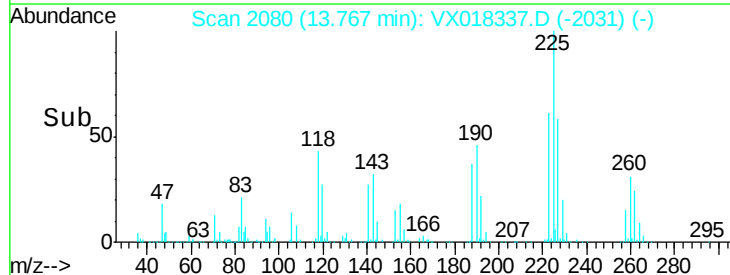
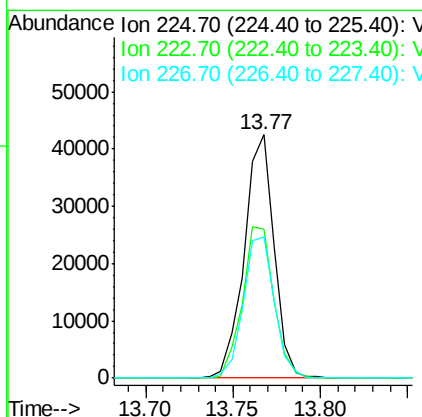
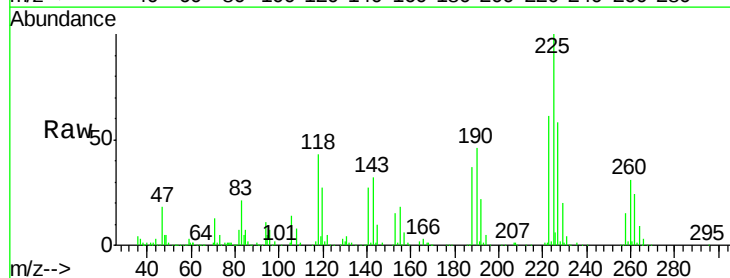
Manual Integrations
 APPROVED

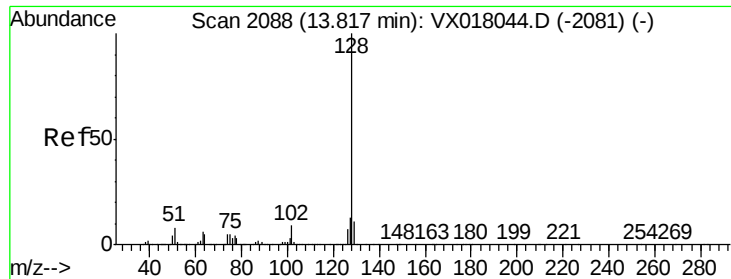
MMDadoda
 9/11/2020 10:13:19 AM



#94
 Hexachlorobutadiene
 Concen: 20.459 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018337.D
 Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	50216		
223	65.4	30.7	92.1	
227	60.4	32.6	97.8	





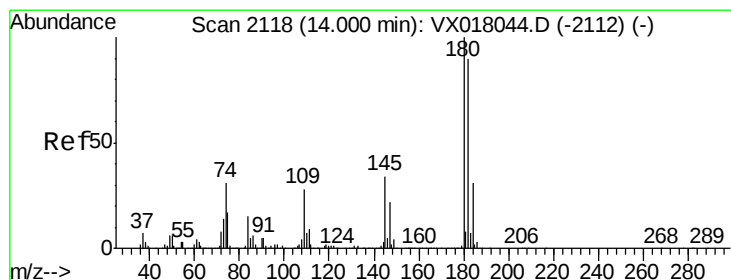
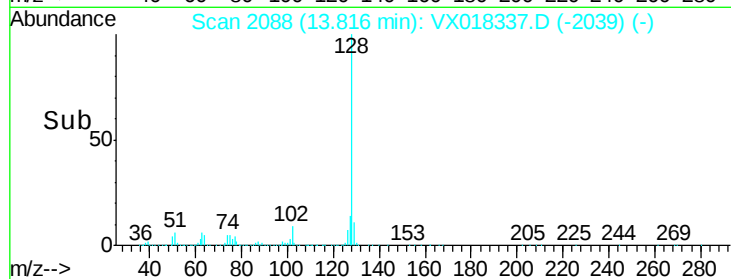
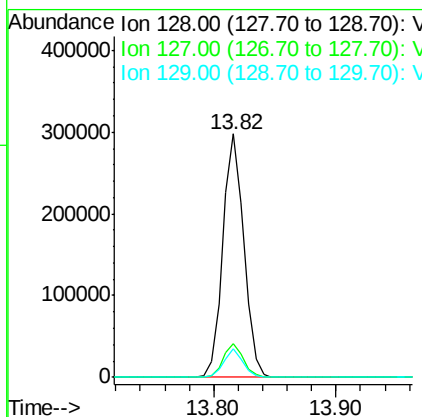
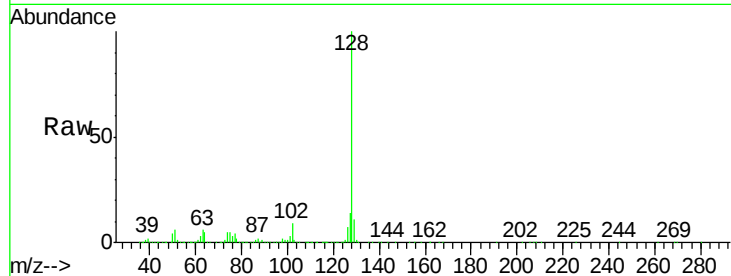
#95
Naphthalene
Concen: 17.331 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Instrument :
MSVOA_X
ClientSampleId :
VX0910WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.2	15.2
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/11/2020 10:13:19 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.347 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018337.D
Acq: 10 Sep 2020 12:34

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.2	47.3	142.0
145	35.6	17.5	52.6

