

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091420\
 Data File : VX018378.D
 Acq On : 14 Sep 2020 12:19
 Operator : JC/SP
 Sample : VX0914WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:29:03 PM

Quant Time: Sep 15 05:22:02 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	463349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	705624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	660948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	355039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	336743	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	5.46	113	259482	54.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	8.70	98	903571	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	357664	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90262	16.000	ug/l	100
3) Chloromethane	1.31	50	82626	13.892	ug/l	95
4) Vinyl Chloride	1.39	62	84908	14.341	ug/l	98
5) Bromomethane	1.63	94	58888	20.621	ug/l	97
6) Chloroethane	1.72	64	51374	16.156	ug/l	98
7) Trichlorofluoromethane	1.92	101	151995	18.827	ug/l	98
8) Diethyl Ether	2.17	74	46801	17.094	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77868	17.841	ug/l	99
10) Methyl Iodide	2.49	142	77501	20.129	ug/l	95
11) Tert butyl alcohol	3.01	59	88496	70.757	ug/l	100
12) 1,1-Dichloroethene	2.36	96	70737	15.622	ug/l	97
13) Acrolein	2.27	56	67958	131.042	ug/l	99
14) Allyl chloride	2.71	41	128325	15.774	ug/l	95
15) Acrylonitrile	3.11	53	209234	73.750	ug/l	100
16) Acetone	2.42	43	196327	78.328	ug/l	96
17) Carbon Disulfide	2.55	76	186132	13.598	ug/l	99
18) Methyl Acetate	2.75	43	108127	17.877	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	256662	16.528	ug/l	97
20) Methylene Chloride	2.83	84	82405	15.268	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	75591	15.068	ug/l	96
22) Diisopropyl ether	3.82	45	258339	16.089	ug/l	94
23) Vinyl Acetate	3.78	43	1113413	77.931	ug/l	100
24) 1,1-Dichloroethane	3.67	63	148046	16.197	ug/l	99
25) 2-Butanone	4.63	43	299141	72.619	ug/l	99
26) 2,2-Dichloropropane	4.55	77	147649	19.854	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	88536	15.317	ug/l	98
28) Bromochloromethane	4.98	49	78299	17.747	ug/l	93
29) Tetrahydrofuran	5.09	42	182505	69.598	ug/l	97
30) Chloroform	5.18	83	162586	17.179	ug/l	99
31) Cyclohexane	5.55	56	110860	14.399	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	151807	17.479	ug/l	99
36) 1,1-Dichloropropene	5.77	75	111904	17.194	ug/l	99
37) Ethyl Acetate	4.79	43	114397	15.134	ug/l	98
38) Carbon Tetrachloride	5.74	117	137868	18.797	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018378.D
 Acq On : 14 Sep 2020 12:19
 Operator : JC/SP
 Sample : VX0914WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Manual Integrations
 APPROVED

MMDadoda
 9/15/2020 2:29:03 PM

Quant Time: Sep 15 05:22:02 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	116302	16.342	ug/l	98
40) Benzene	6.11	78	314457	16.443	ug/l	96
41) Methacrylonitrile	5.00	41	61710	14.868	ug/l	95
42) 1,2-Dichloroethane	6.15	62	134337	18.334	ug/l	100
43) Isopropyl Acetate	6.41	43	188535	15.442	ug/l	99
44) Trichloroethene	7.19	130	95764	17.722	ug/l	91
45) 1,2-Dichloropropane	7.49	63	86771	16.835	ug/l	98
46) Dibromomethane	7.63	93	61684	17.018	ug/l	99
47) Bromodichloromethane	7.87	83	128859	17.805	ug/l	93
48) Methyl methacrylate	7.74	41	90429	14.878	ug/l	96
49) 1,4-Dioxane	7.71	88	29241	265.599	ug/l	90
51) 4-Methyl-2-Pentanone	8.62	43	586495	77.767	ug/l	100
52) Toluene	8.76	92	201514	16.618	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	135765	16.926	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	146487	17.240	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	84346	16.309	ug/l	98
56) Ethyl methacrylate	9.16	69	118700	15.439	ug/l	98
57) 1,3-Dichloropropane	9.35	76	142841	16.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	299360	86.554	ug/l	97
59) 2-Hexanone	9.47	43	454769	79.302	ug/l	98
60) Dibromochloromethane	9.56	129	106080	17.485	ug/l	100
61) 1,2-Dibromoethane	9.65	107	92006	16.386	ug/l	100
64) Tetrachloroethene	9.32	164	88239	18.167	ug/l	92
65) Chlorobenzene	10.12	112	228318	17.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	93742	18.018	ug/l	98
67) Ethyl Benzene	10.23	91	388493	17.306	ug/l	94
68) m/p-Xylenes	10.34	106	296991	35.445	ug/l	100
69) o-Xylene	10.68	106	138984	17.111	ug/l	99
70) Styrene	10.70	104	235008	16.990	ug/l	97
71) Bromoform	10.84	173	77901	17.554	ug/l #	98
73) Isopropylbenzene	11.00	105	393325	16.795	ug/l	99
74) N-amyl acetate	10.88	43	158683	14.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	130160	15.755	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	122827m	15.552	ug/l	
77) Bromobenzene	11.24	156	106271	16.417	ug/l	95
78) n-propylbenzene	11.34	91	443529	16.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	272876	16.610	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	335103	17.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	44939	15.368	ug/l	96
82) 4-Chlorotoluene	11.49	91	322402	16.508	ug/l	100
83) tert-Butylbenzene	11.76	119	325020	17.114	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	337872	17.172	ug/l	99
85) sec-Butylbenzene	11.93	105	375352	17.380	ug/l	99
86) p-Isopropyltoluene	12.05	119	354477	17.868	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	189794	16.699	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	194058	17.053	ug/l	99
89) n-Butylbenzene	12.37	91	309275	17.080	ug/l	99
90) Hexachloroethane	12.58	117	71793	18.394	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	185423	17.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	30941	14.979	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018378.D
Acq On : 14 Sep 2020 12:19
Operator : JC/SP
Sample : VX0914WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM

Quant Time: Sep 15 05:22:02 2020
Quant Method : Z:\V0ASRV\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	116878	16.383	ug/l	98
94) Hexachlorobutadiene	13.76	225	53085	18.865	ug/l	96
95) Naphthalene	13.82	128	349679	14.893	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	116218	16.487	ug/l	99

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

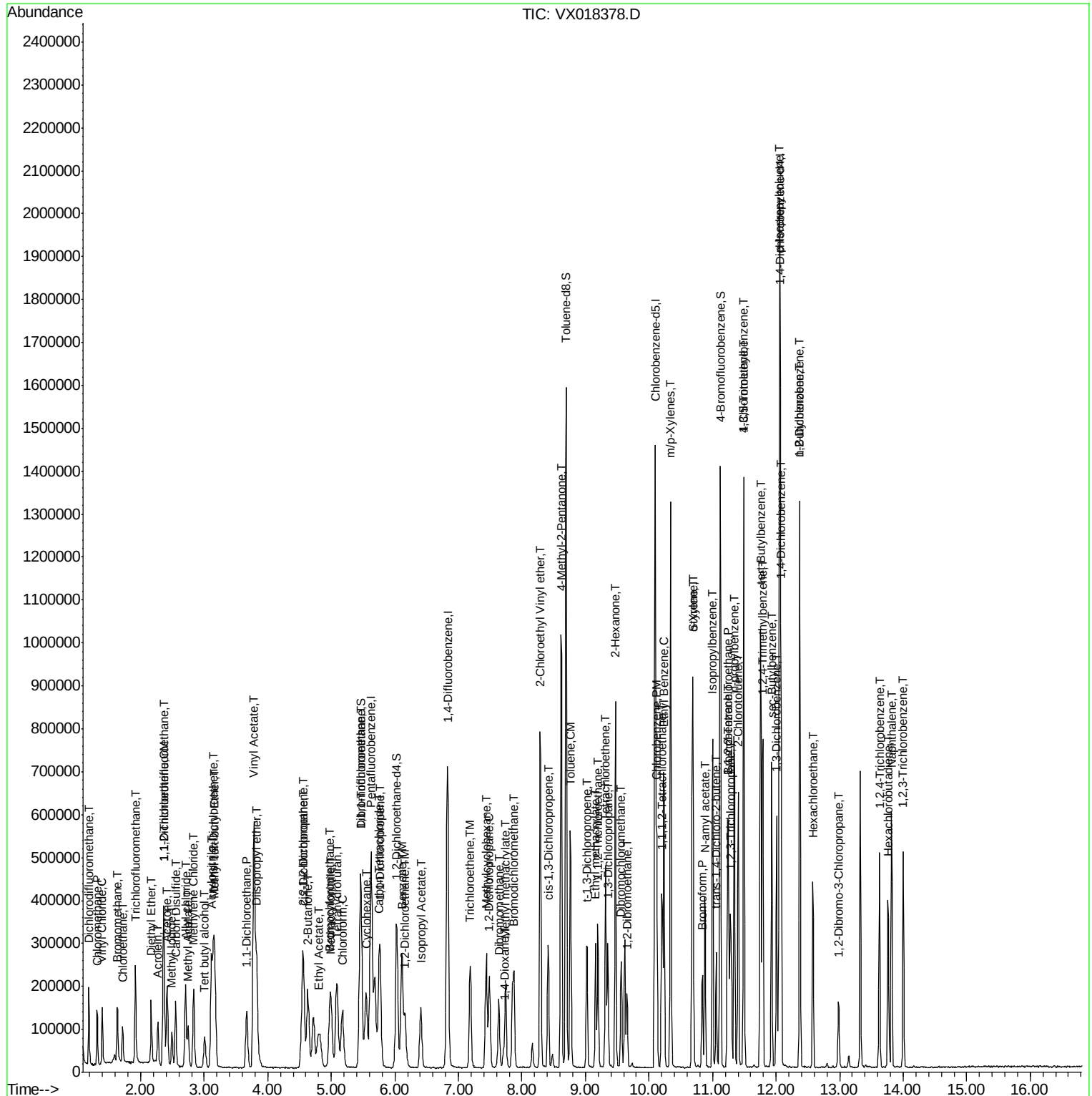
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091420\
Data File : VX018378.D
Acq On : 14 Sep 2020 12:19
Operator : JC/SP
Sample : VX0914WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

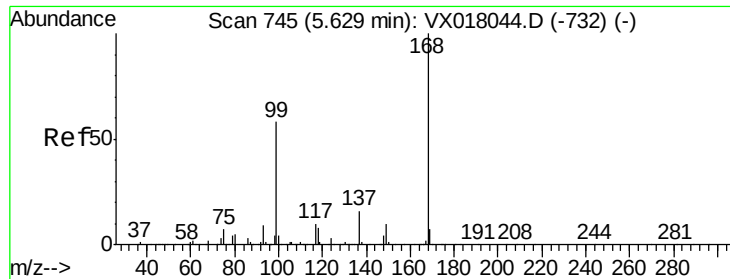
Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM

Quant Time: Sep 15 05:22:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration





#1

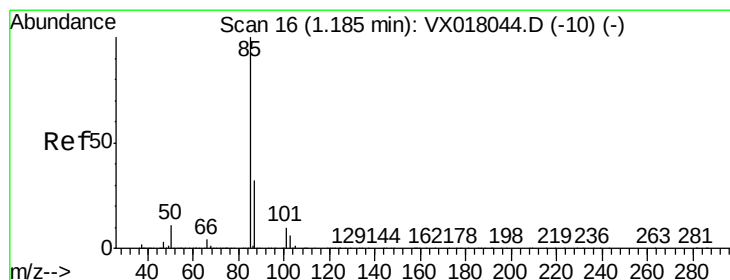
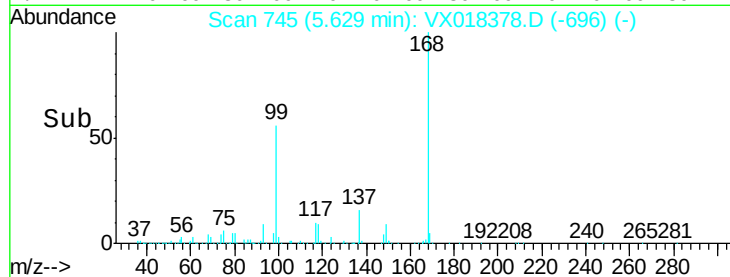
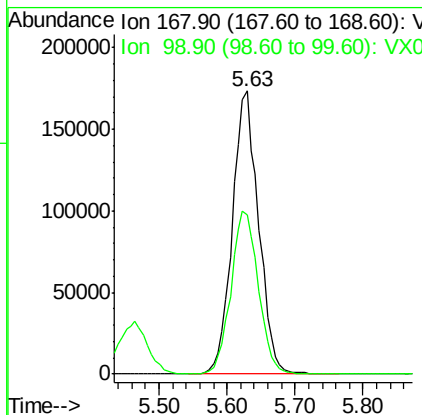
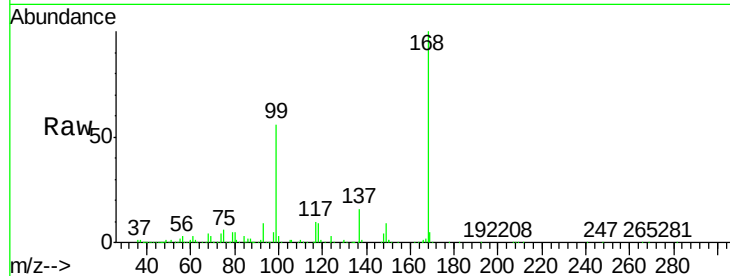
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.2	46.3	69.5

Manual Integrations
 APPROVED

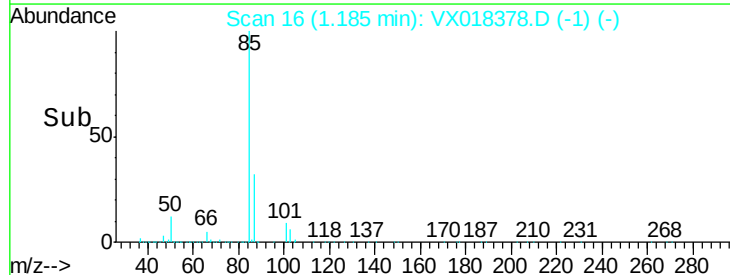
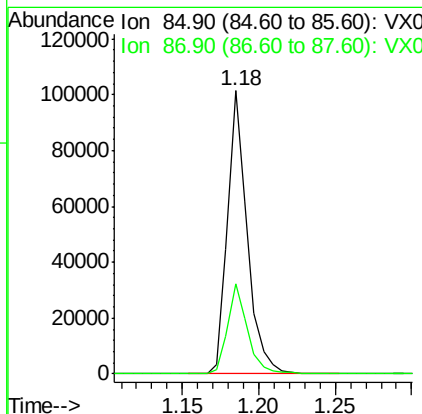
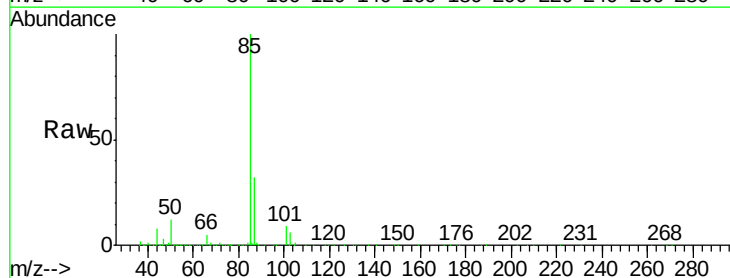
MMDadoda
 9/15/2020 2:29:03 PM

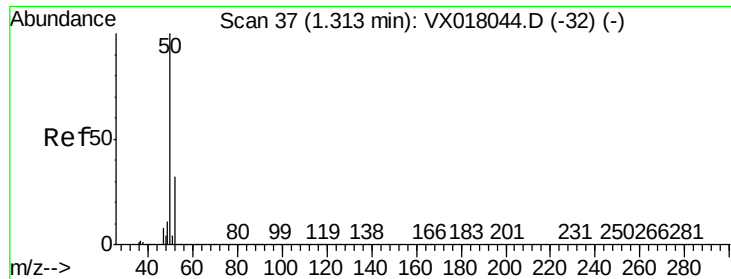


#2

Dichlorodifluoromethane
 Concen: 16.000 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.0	16.1	48.2





#3

Chloromethane

Concen: 13.892 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 50 Resp: 82626

Ion Ratio Lower Upper

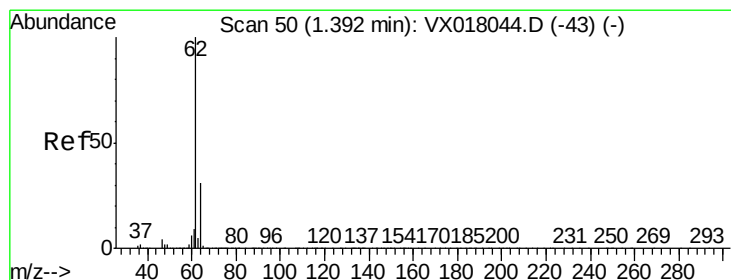
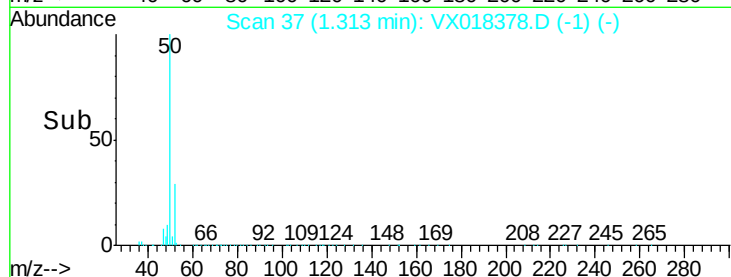
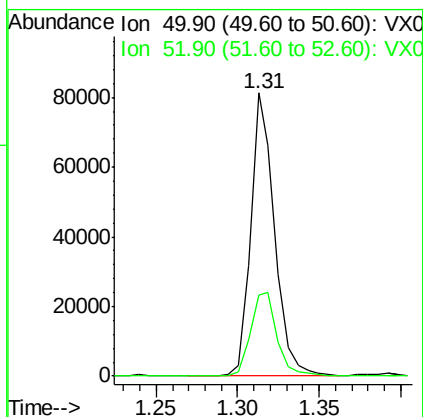
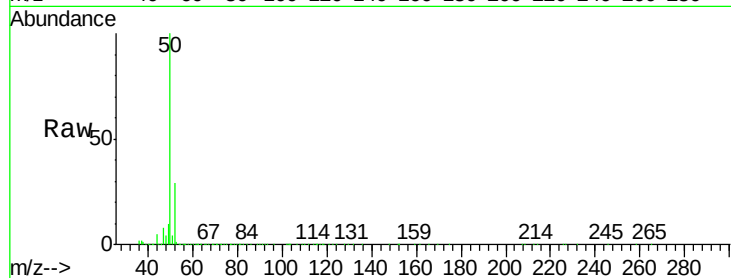
50 100

52 28.9 25.4 38.2

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:03 PM



#4

Vinyl Chloride

Concen: 14.341 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018378.D

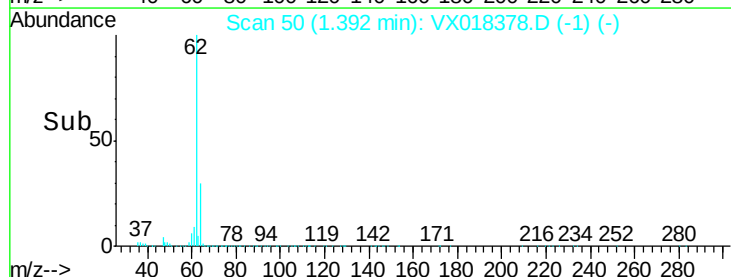
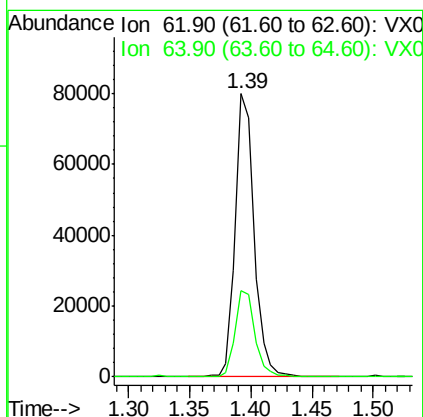
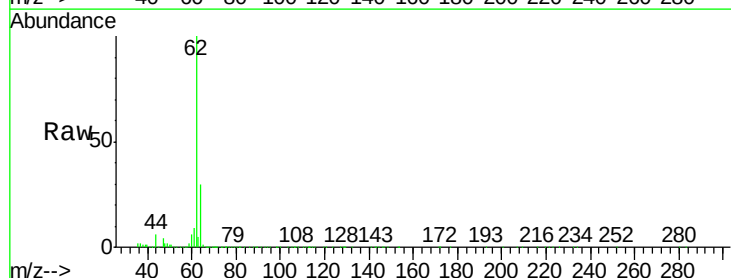
Acq: 14 Sep 2020 12:19

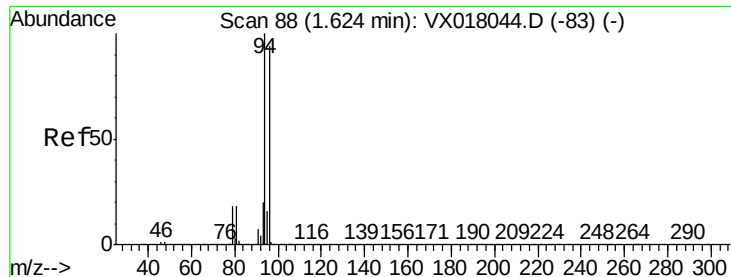
Tgt Ion: 62 Resp: 84908

Ion Ratio Lower Upper

62 100

64 30.4 25.1 37.7





#5

Bromomethane

Concen: 20.621 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 94 Resp: 58888

Ion Ratio Lower Upper

94 100

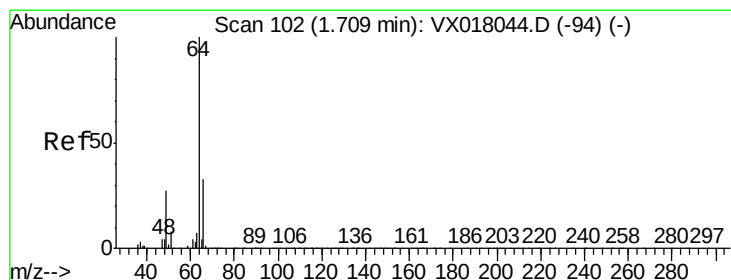
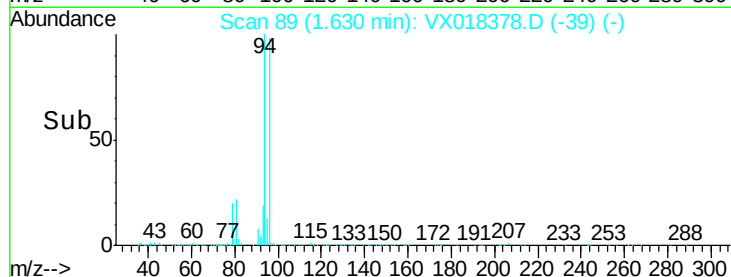
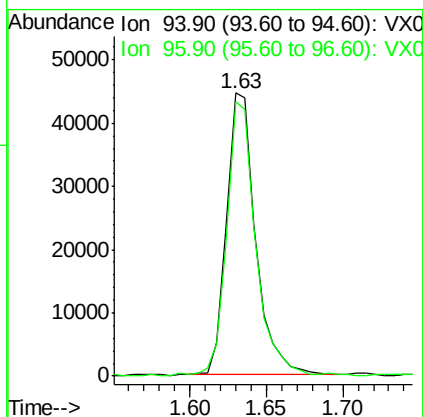
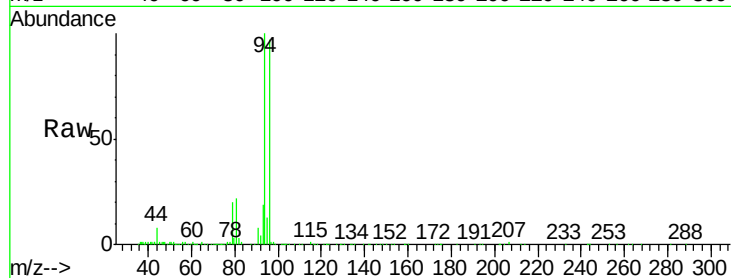
96 96.8 74.8 112.2

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:03 PM



#6

Chloroethane

Concen: 16.156 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018378.D

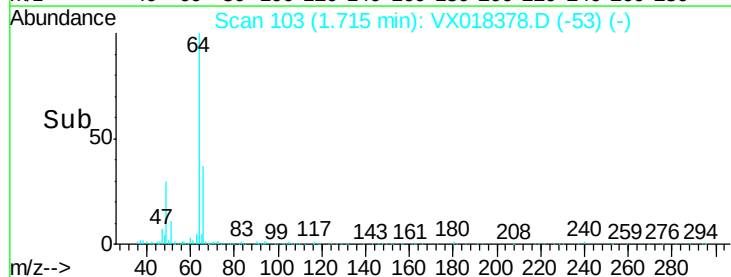
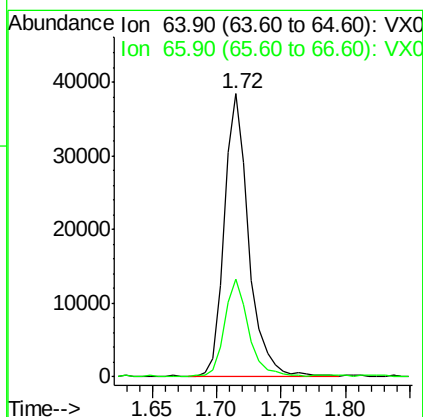
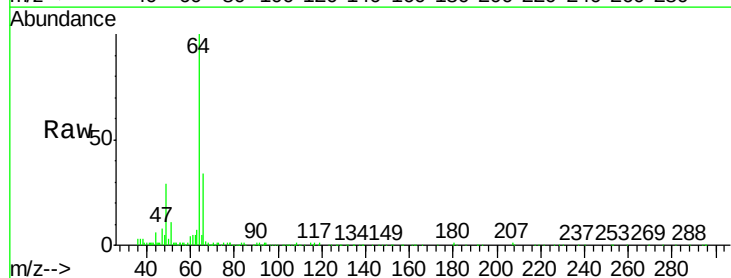
Acq: 14 Sep 2020 12:19

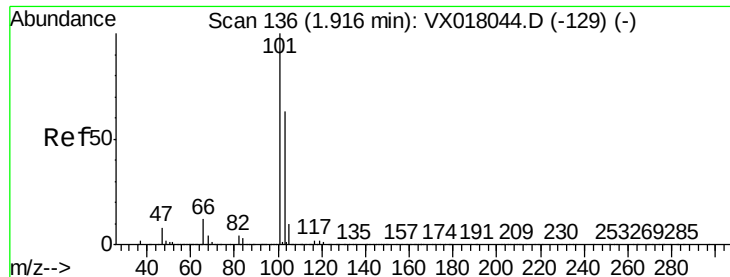
Tgt Ion: 64 Resp: 51374

Ion Ratio Lower Upper

64 100

66 34.2 26.6 39.8





#7

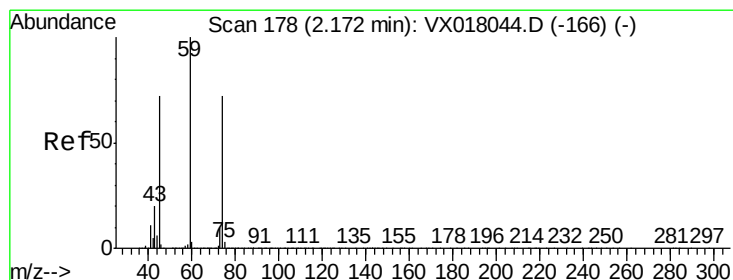
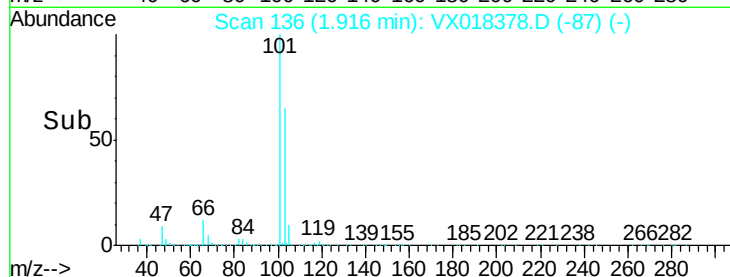
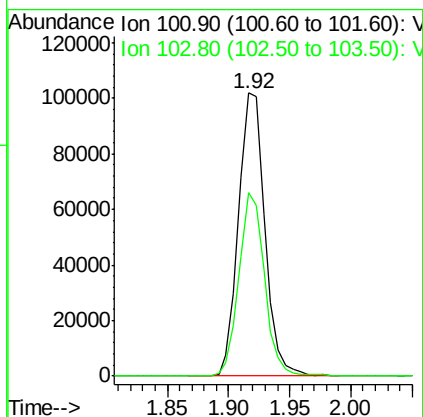
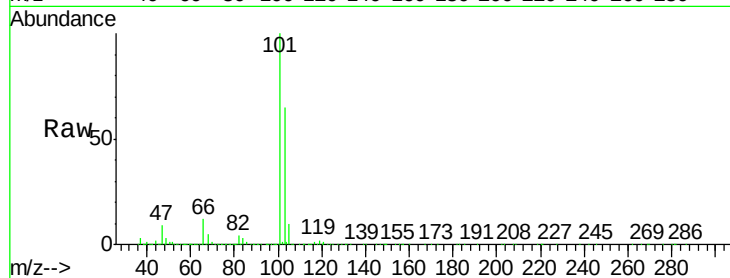
Trichlorofluoromethane
Concen: 18.827 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	50.7	76.1

Manual Integrations
APPROVED

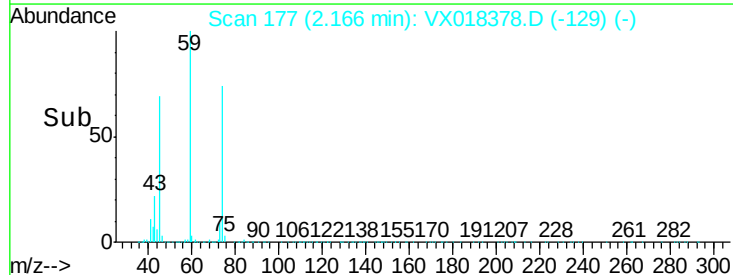
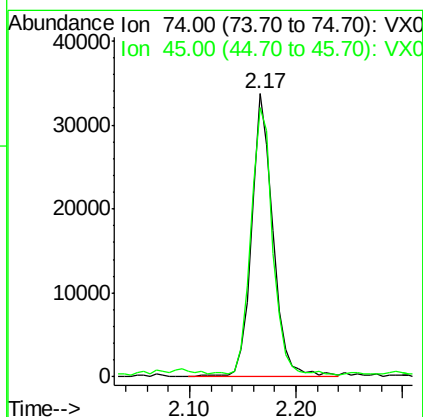
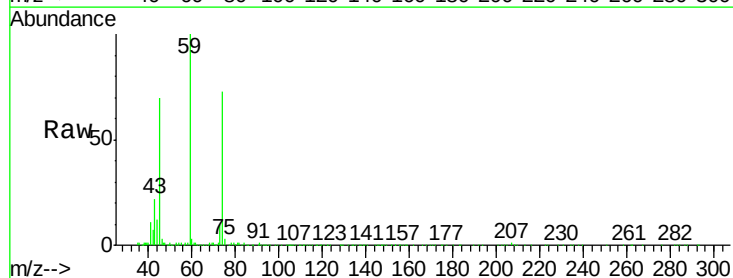
MMDadoda
9/15/2020 2:29:03 PM

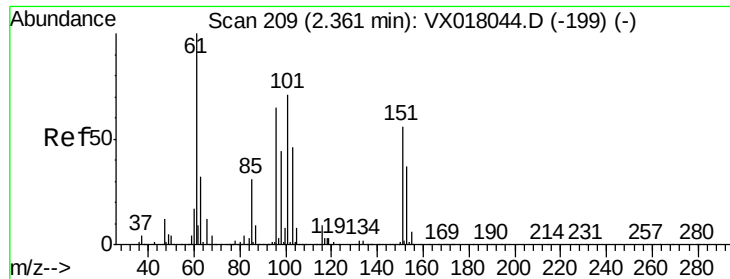


#8

Diethyl Ether
Concen: 17.094 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.9	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.841 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018378.D

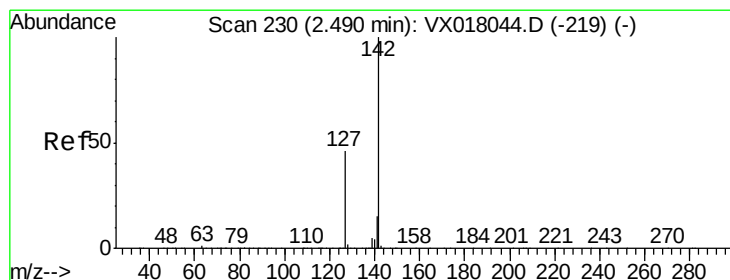
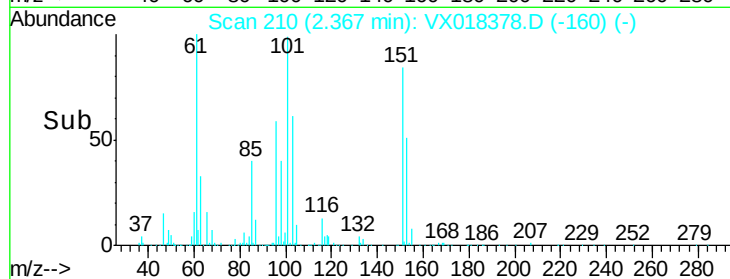
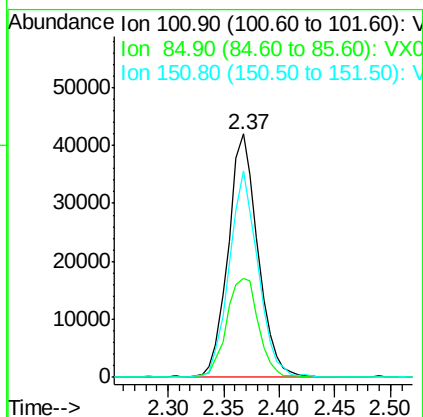
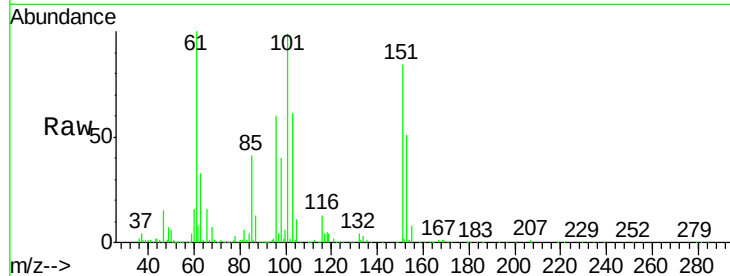
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
101	100	77868		
85	44.1		34.0	51.0
151	82.2		65.2	97.8

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#10

Methyl Iodide

Concen: 20.129 ug/l

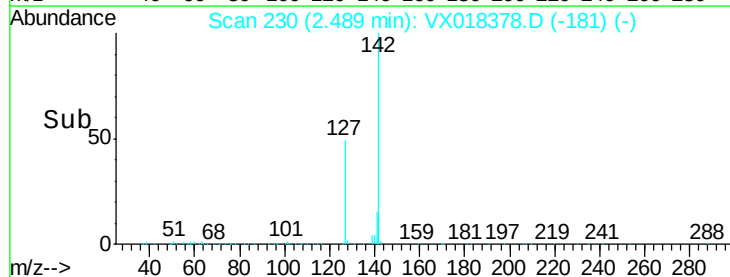
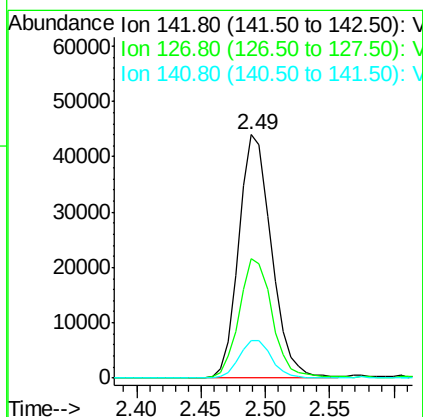
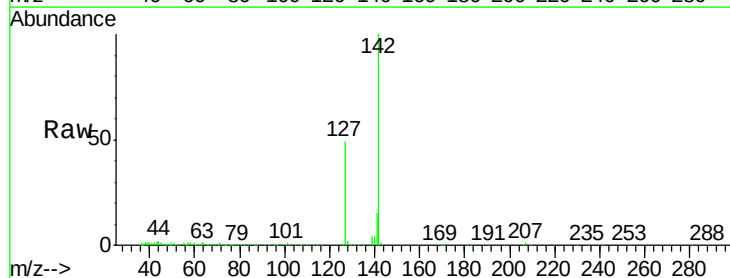
RT: 2.49 min Scan# 230

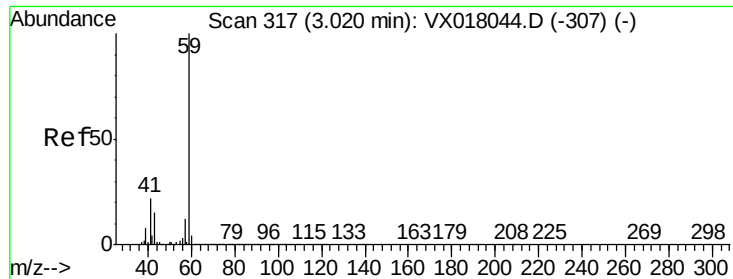
Delta R.T. 0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	77501		
127	49.8		37.0	55.6
141	15.5		11.5	17.3





#11

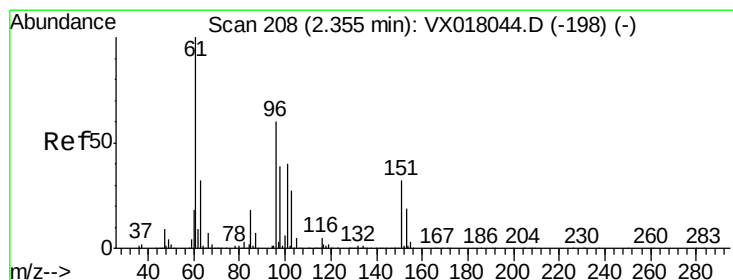
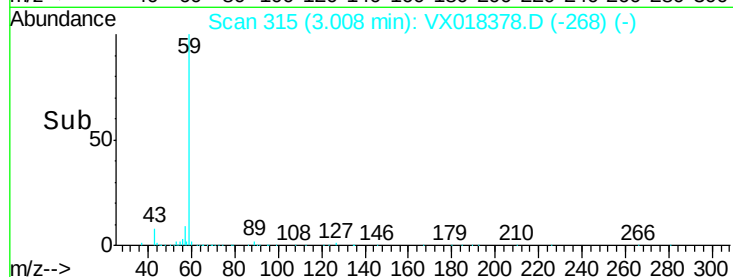
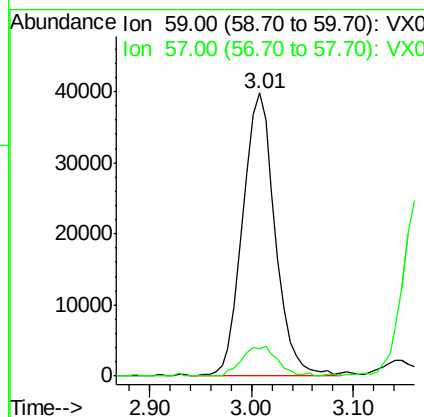
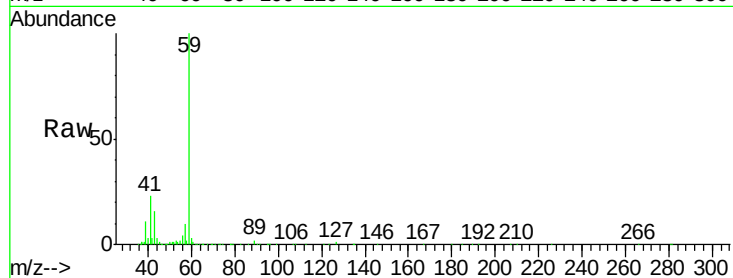
Tert butyl alcohol
Concen: 70.757 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.2	8.9	13.3

Manual Integrations
APPROVED

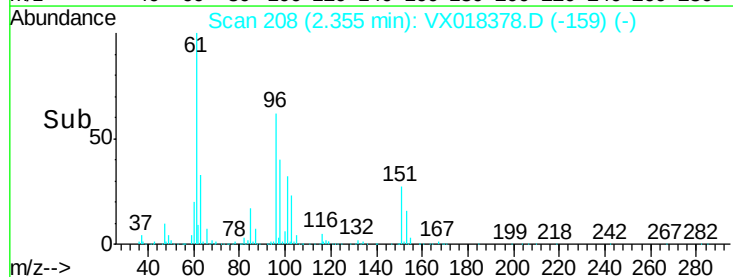
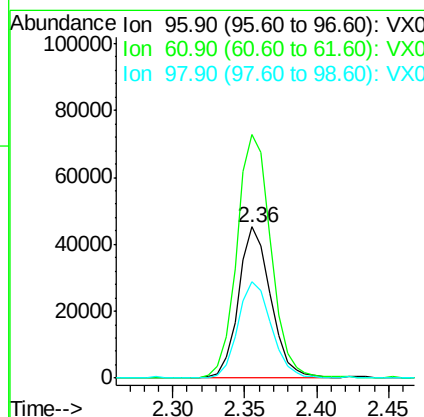
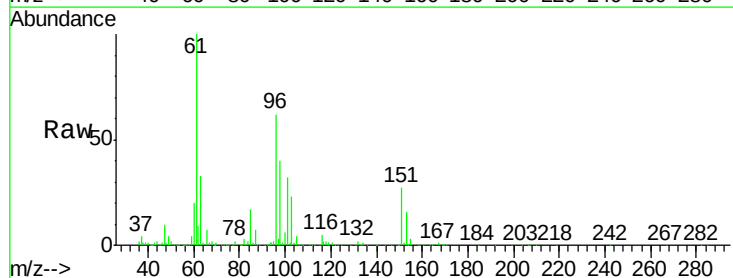
MMDadoda
9/15/2020 2:29:03 PM

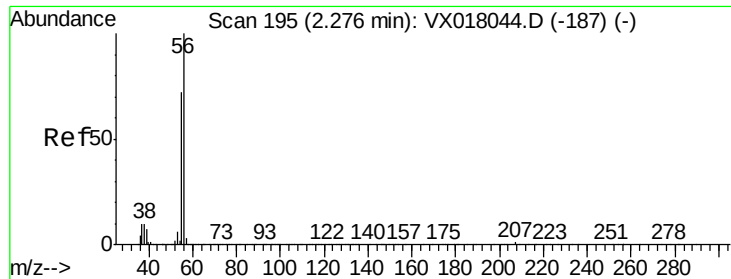


#12

1,1-Dichloroethene
Concen: 15.622 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.9	133.0	199.4
98	63.8	51.6	77.4





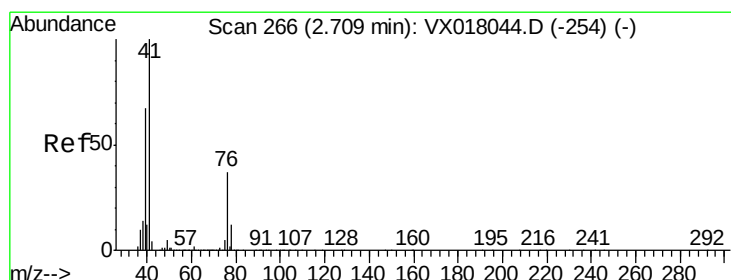
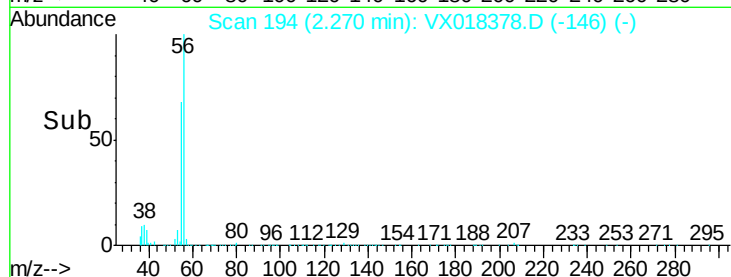
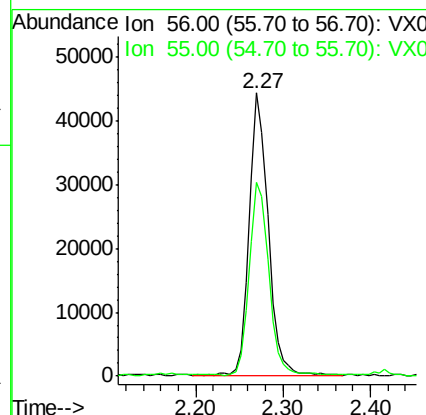
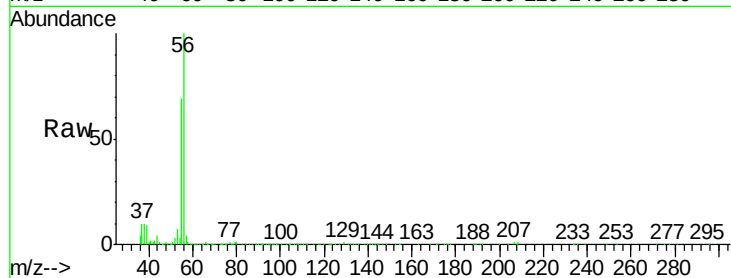
#13
Acrolein
Concen: 131.042 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.3	57.0	85.6

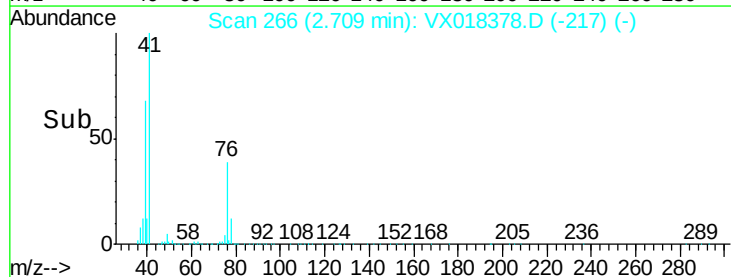
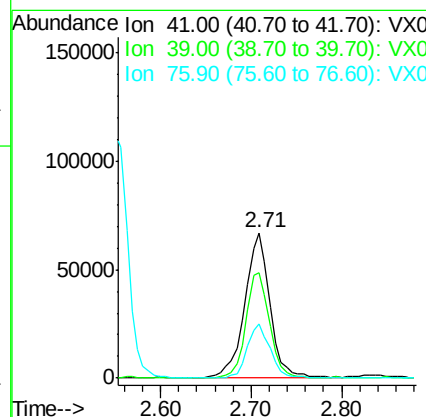
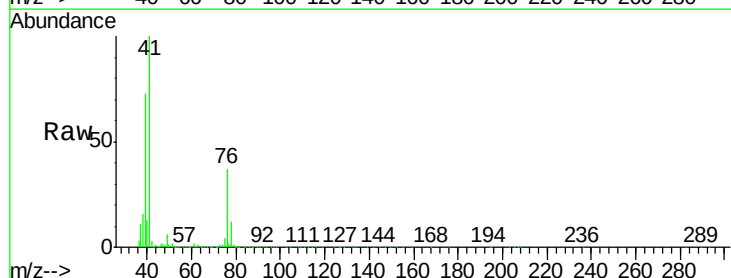
Manual Integrations
APPROVED

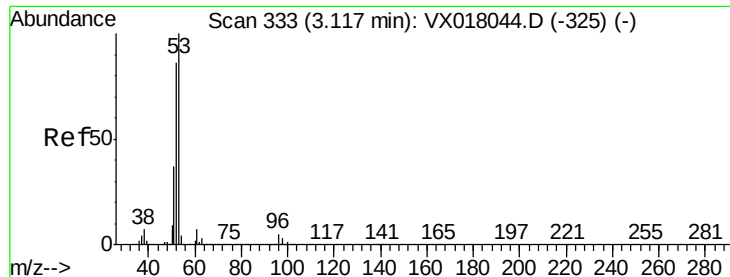
MMDadoda
9/15/2020 2:29:03 PM



#14
Allyl chloride
Concen: 15.774 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.5	50.6	76.0
76	33.7	26.2	39.2





#15

Acrylonitrile

Concen: 73.750 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

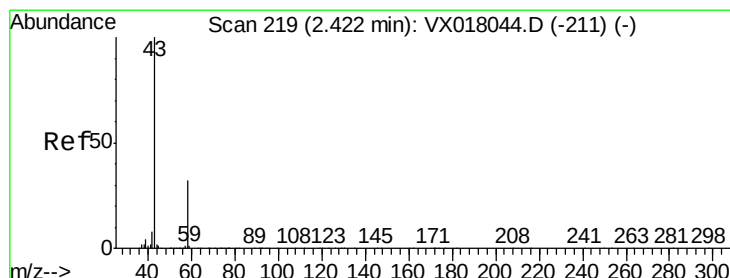
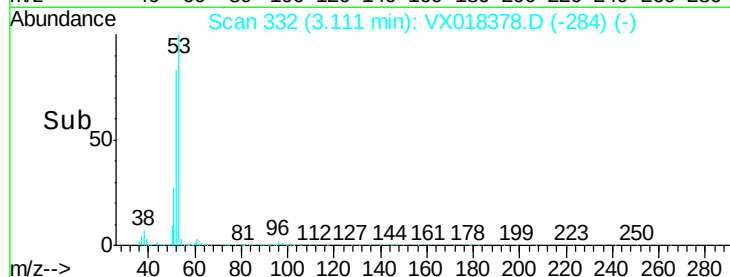
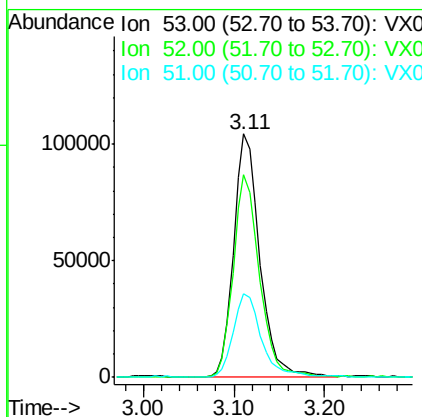
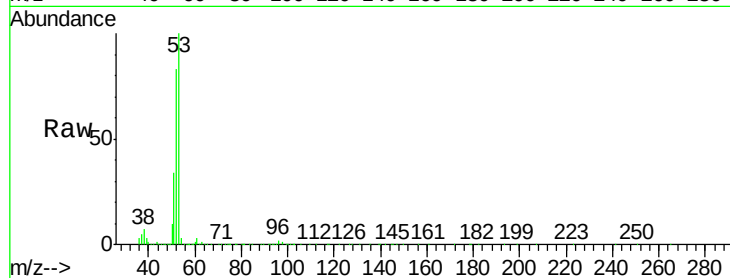
ClientSampleId :

VX0914WBS02

Tot Ion:	53	Resp:	209234
Ion	Ratio	Lower	Upper
53	100		
52	83.5	66.9	100.3
51	36.7	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#16

Acetone

Concen: 78.328 ug/l

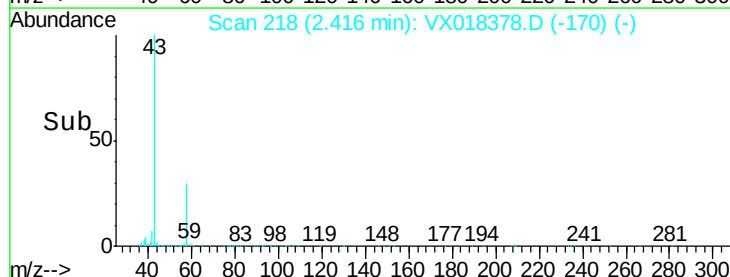
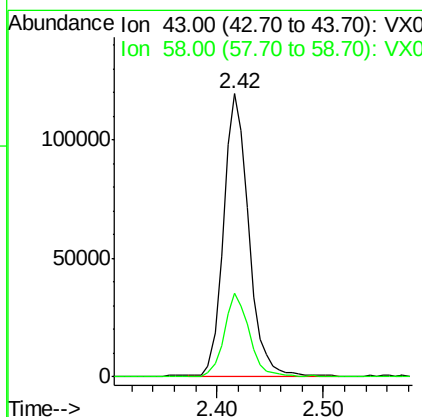
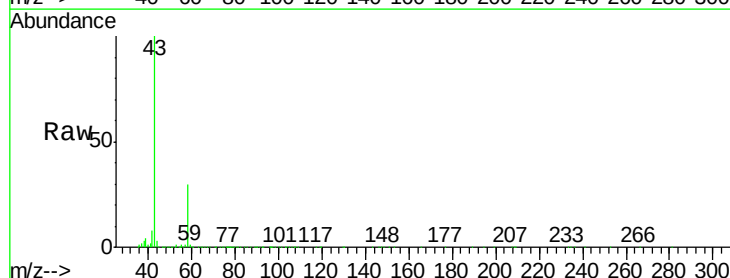
RT: 2.42 min Scan# 218

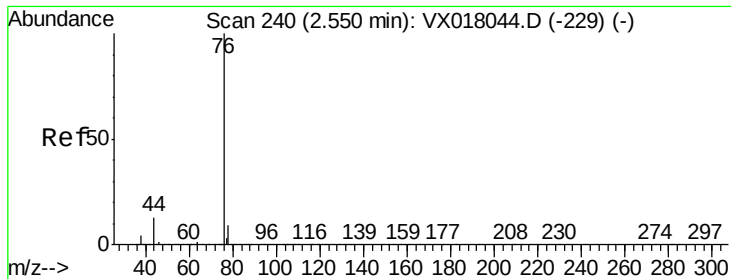
Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion:	43	Resp:	196327
Ion	Ratio	Lower	Upper
43	100		
58	29.8	25.5	38.3





#17

Carbon Disulfide

Concen: 13.598 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 76 Resp: 186132

Ion Ratio Lower Upper

76 100

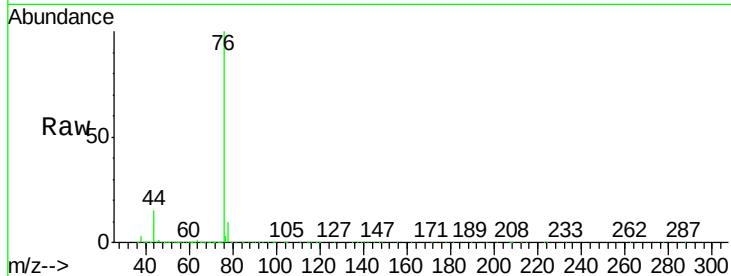
78 9.4 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:03 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

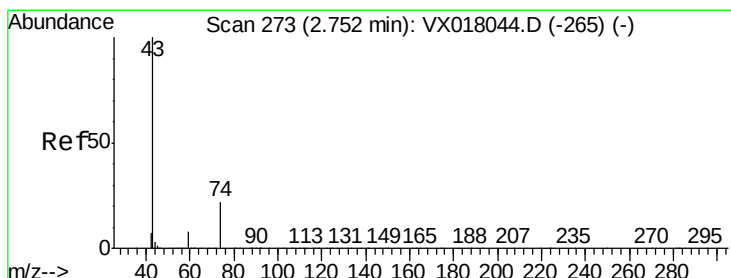
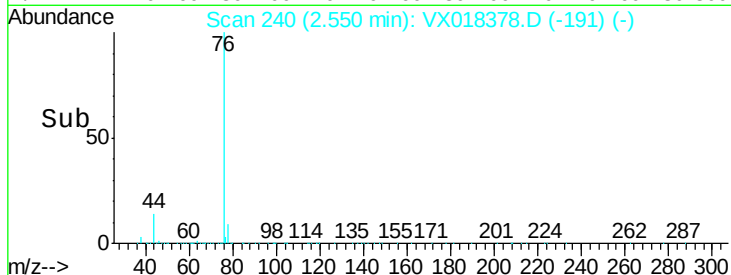
60000

40000

20000

0

Time--> 2.40 2.50 2.60 2.70



#18

Methyl Acetate

Concen: 17.877 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX018378.D

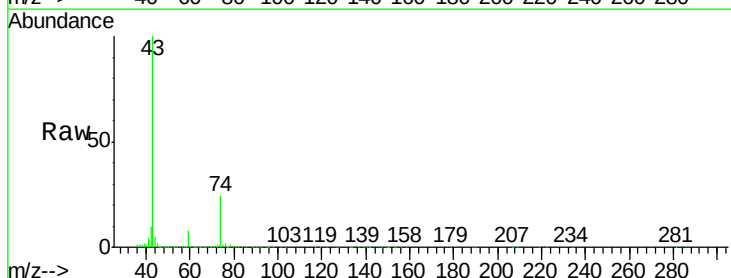
Acq: 14 Sep 2020 12:19

Tgt Ion: 43 Resp: 108127

Ion Ratio Lower Upper

43 100

74 24.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

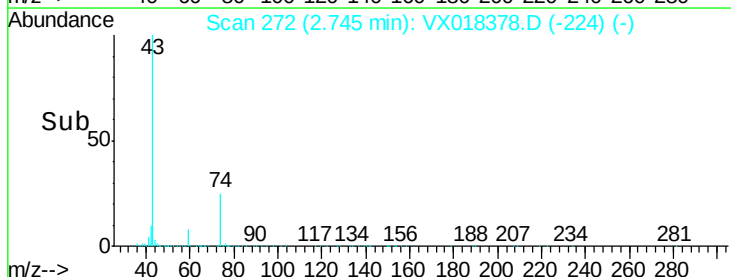
60000

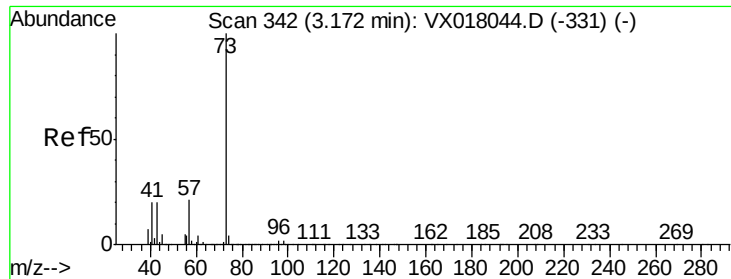
40000

20000

0

Time--> 2.65 2.70 2.75 2.80 2.85





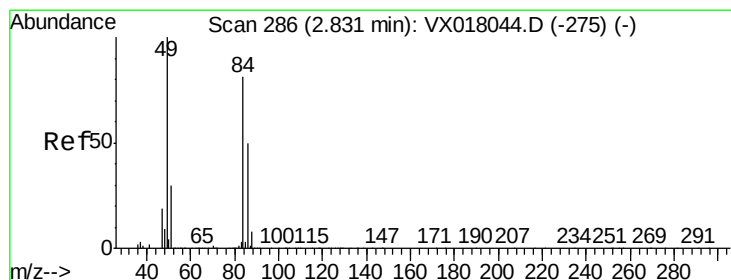
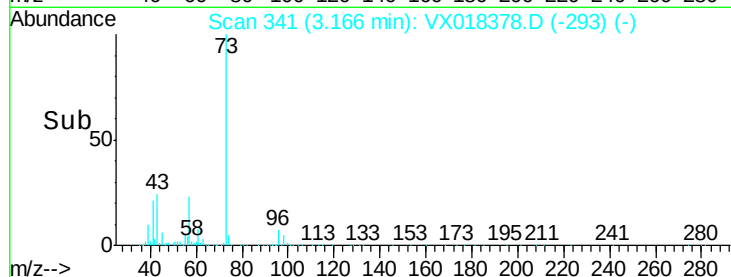
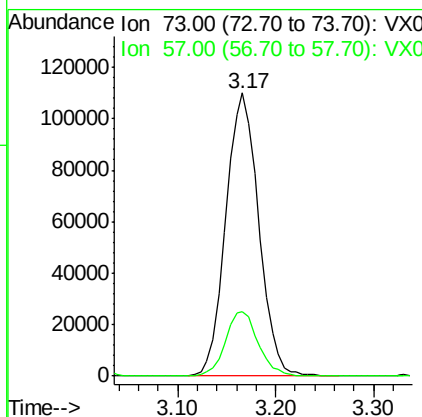
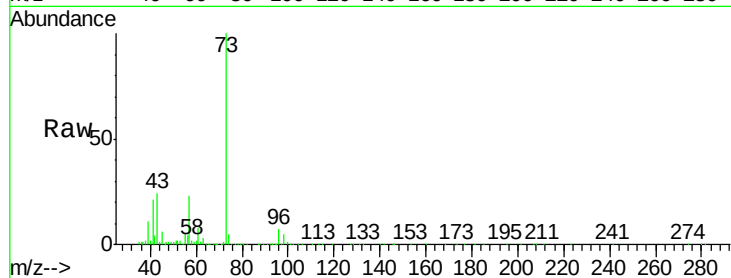
#19
Methyl tert-butyl Ether
Concen: 16.528 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.8	25.2

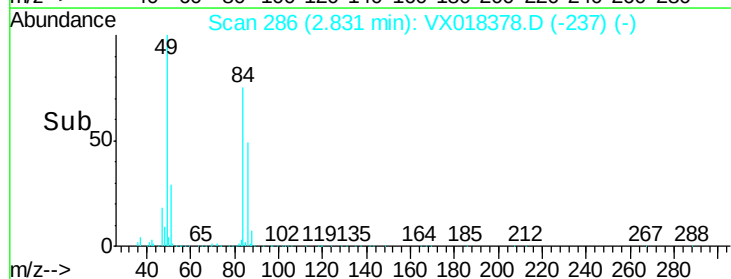
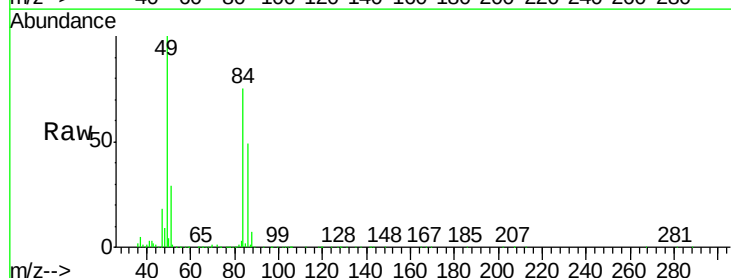
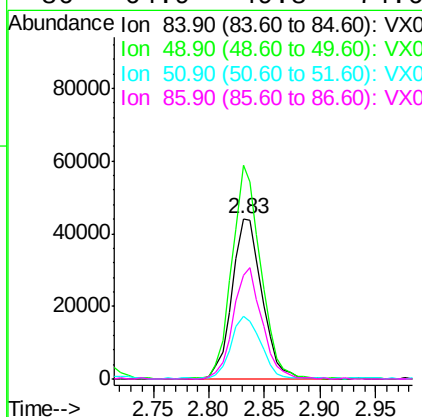
Manual Integrations
APPROVED

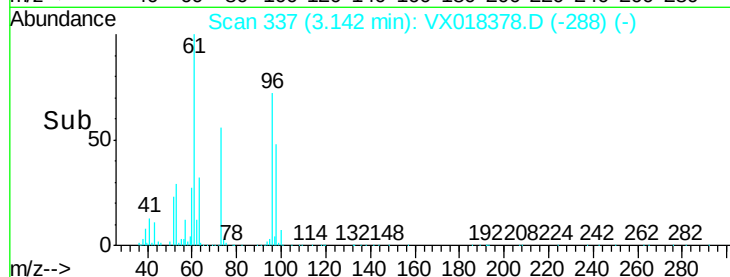
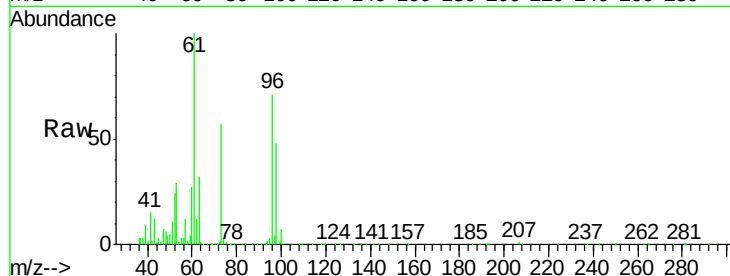
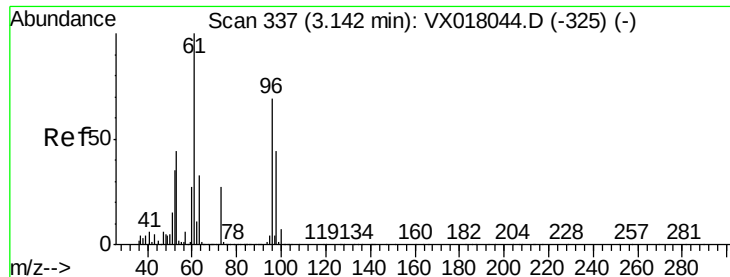
MMDadoda
9/15/2020 2:29:03 PM



#20
Methylene Chloride
Concen: 15.268 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
84	100		
49	132.9	98.6	148.0
51	38.6	29.6	44.4
86	64.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 15.068 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018378.D

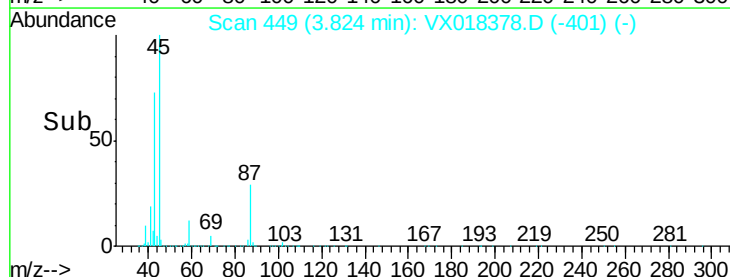
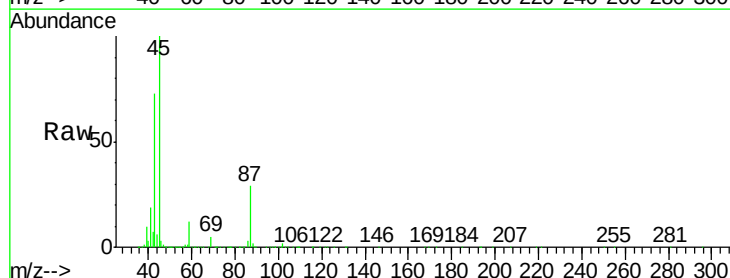
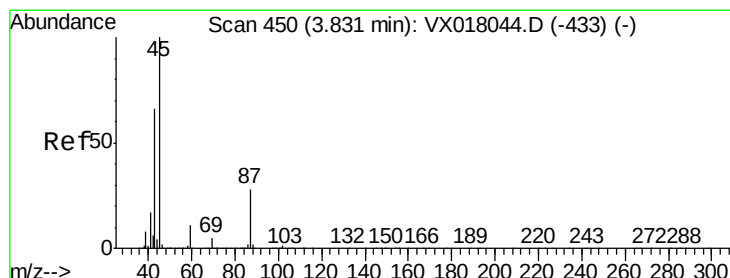
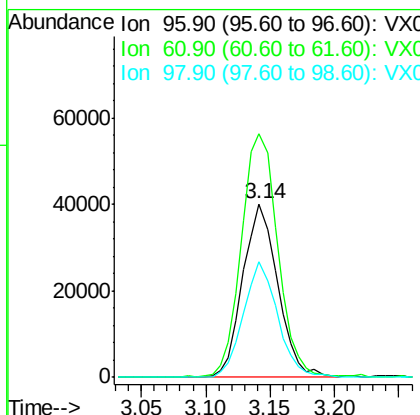
Acq: 14 Sep 2020 12:19

Tot Ion:	96	Resp:	75591
Ion Ratio	Lower	Upper	
96	100		
61	139.5	115.4	173.0
98	66.3	51.1	76.7

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#22

Diisopropyl ether

Concen: 16.089 ug/l

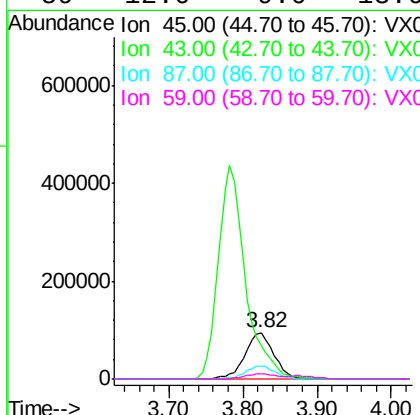
RT: 3.82 min Scan# 449

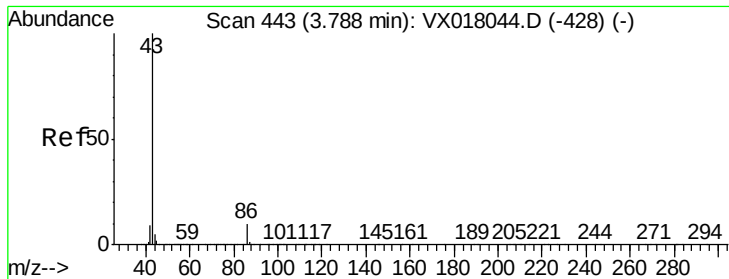
Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion:	45	Resp:	258339
Ion Ratio	Lower	Upper	
45	100		
43	72.9	52.8	79.2
87	28.6	22.5	33.7
59	12.0	9.0	13.6





#23

Vinyl Acetate

Concen: 77.931 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 43 Resp: 1113413

Ion Ratio Lower Upper

43 100

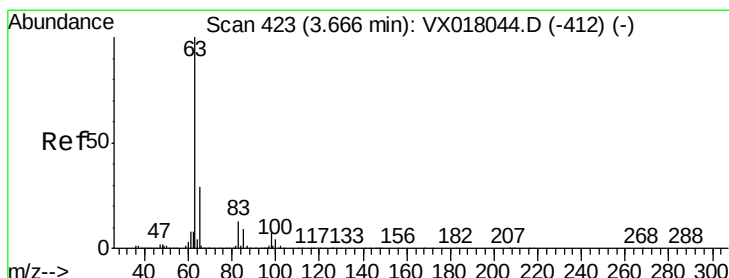
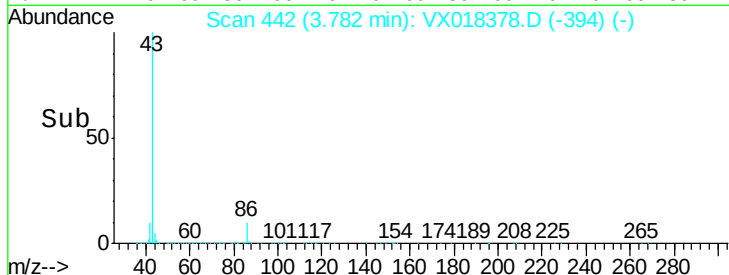
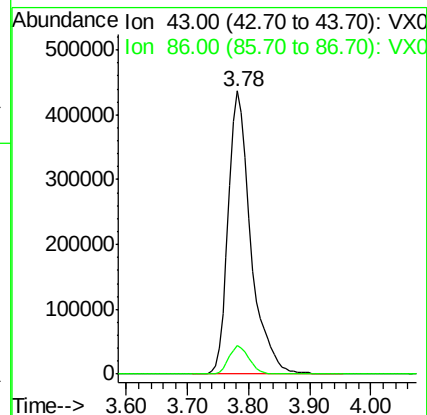
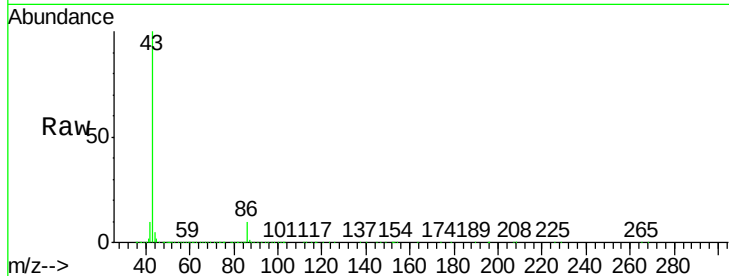
86 10.0 7.9 11.9

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:03 PM



#24

1,1-Dichloroethane

Concen: 16.197 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

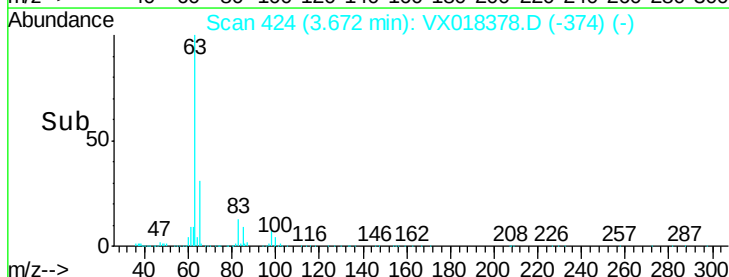
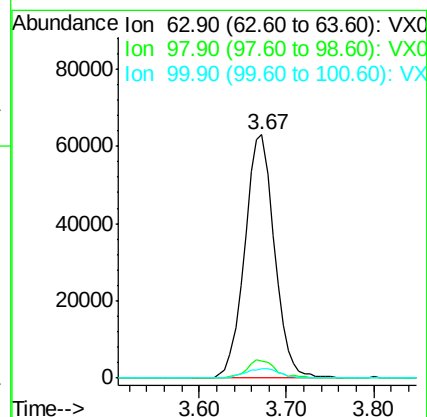
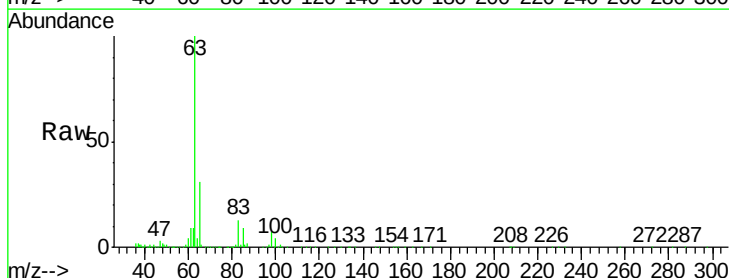
Tgt Ion: 63 Resp: 148046

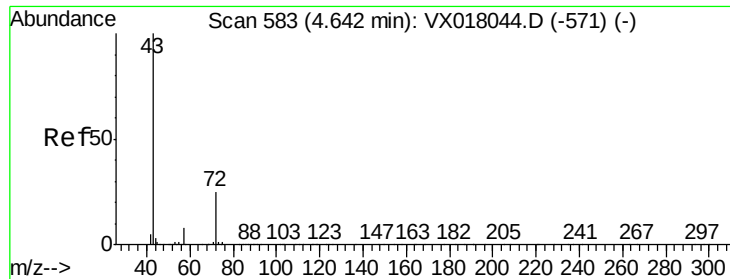
Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 3.7 2.0 6.0





#25

2-Butanone

Concen: 72.619 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 43 Resp: 299141

Ion Ratio Lower Upper

43 100

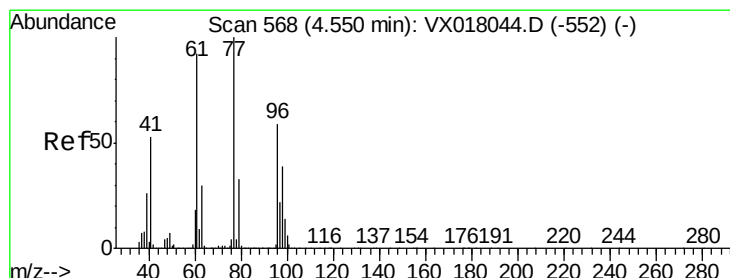
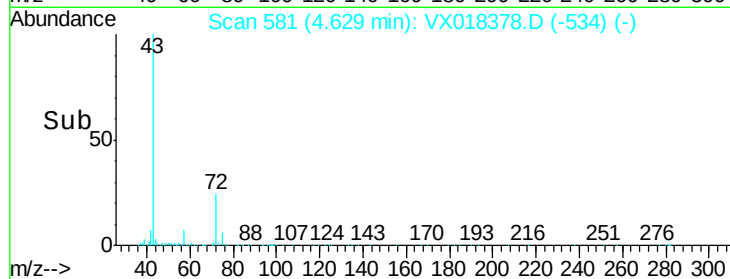
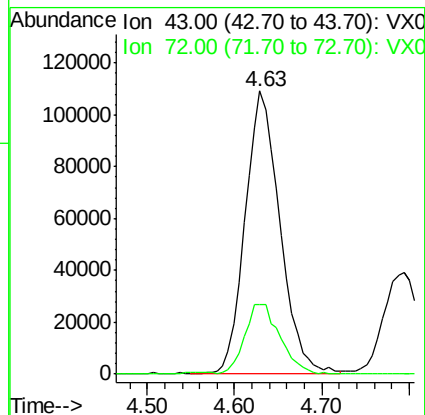
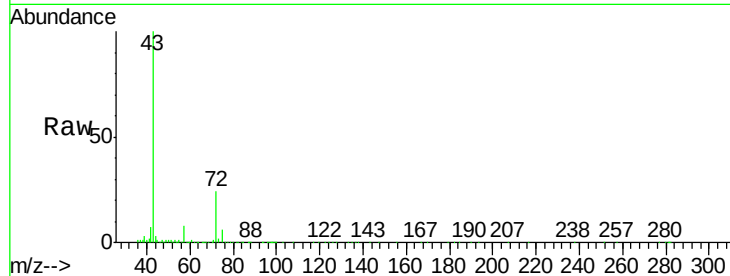
72 24.2 19.8 29.6

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:03 PM



#26

2,2-Dichloropropane

Concen: 19.854 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018378.D

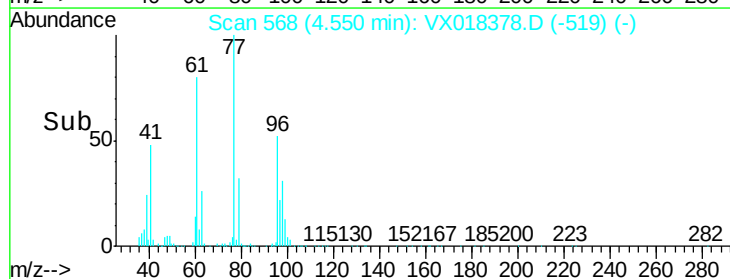
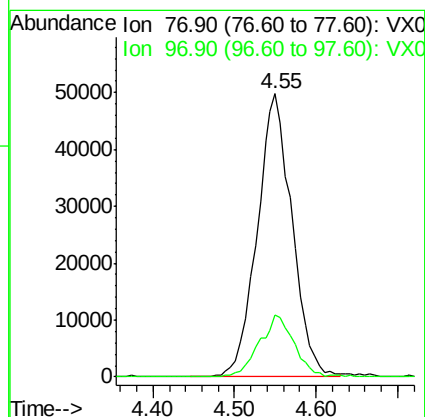
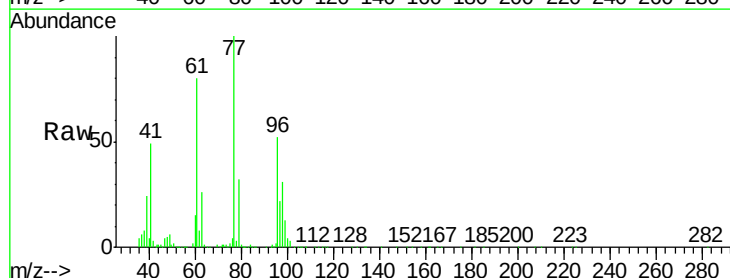
Acq: 14 Sep 2020 12:19

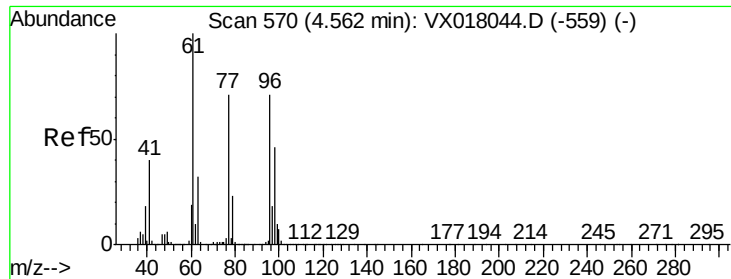
Tgt Ion: 77 Resp: 147649

Ion Ratio Lower Upper

77 100

97 21.4 11.5 34.5





#27

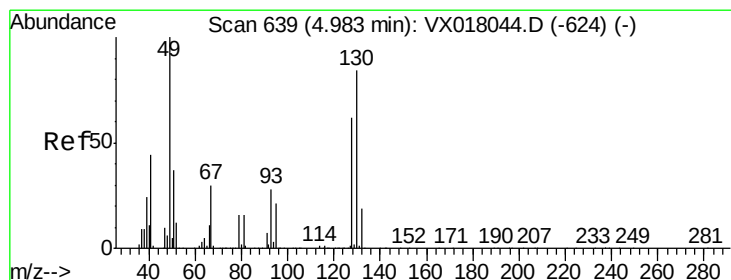
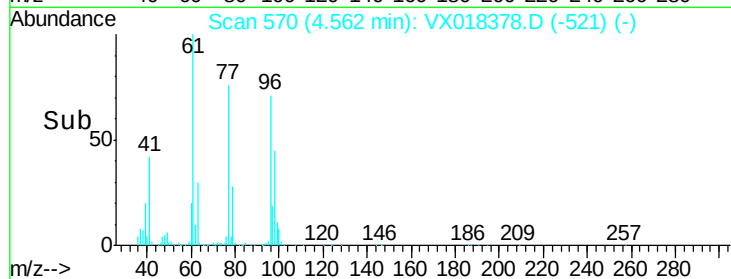
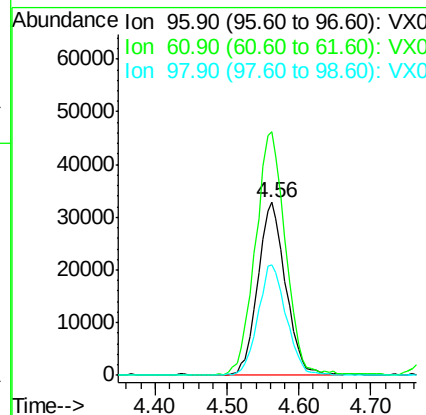
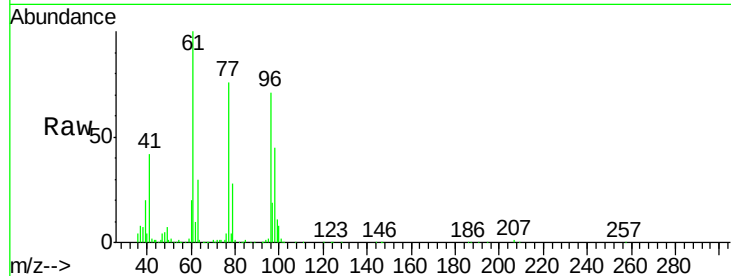
cis-1,2-Dichloroethene
Concen: 15.317 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	151.9	0.0	296.6	
98	64.7	0.0	130.2	

Manual Integrations
APPROVED

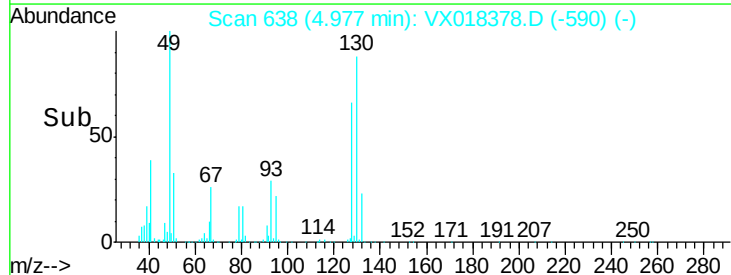
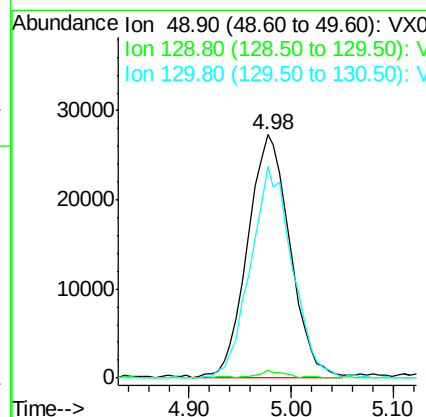
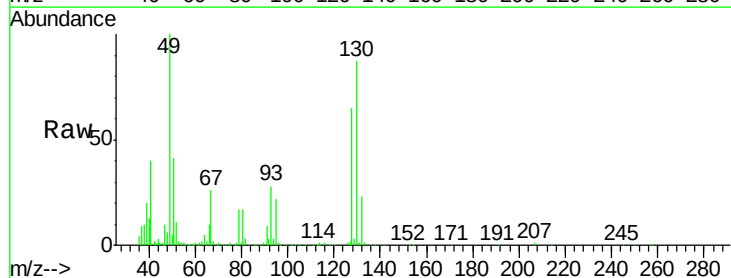
MMDadoda
9/15/2020 2:29:03 PM

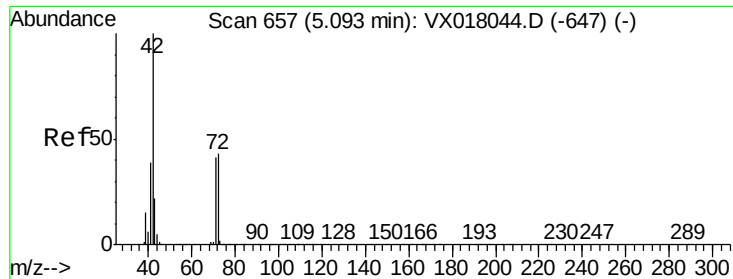


#28

Bromochloromethane
Concen: 17.747 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.0	0.0	4.6	
130	87.0	64.6	96.8	





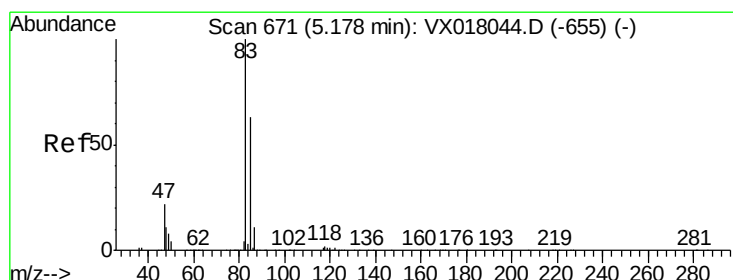
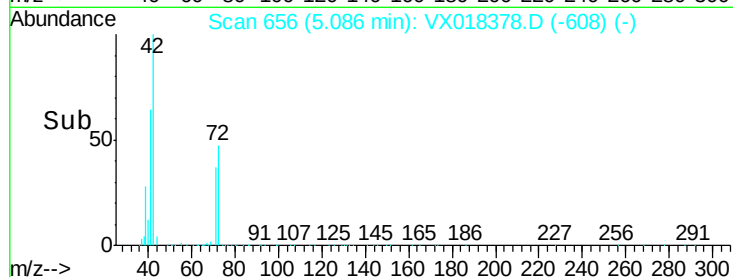
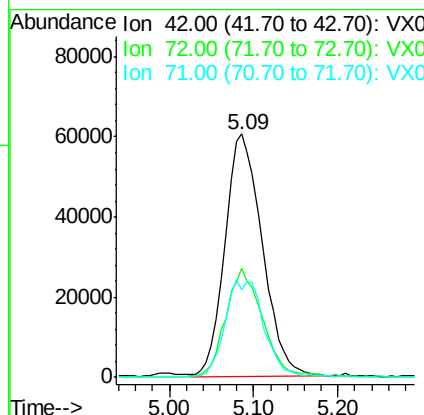
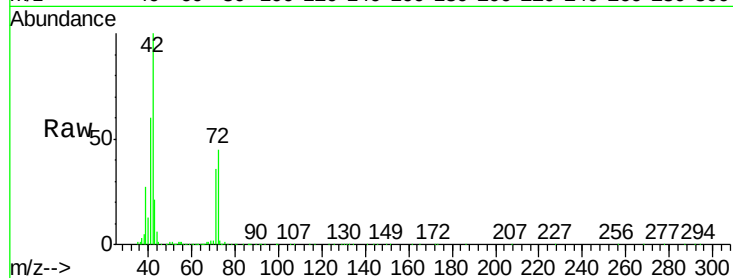
#29
Tetrahydrofuran
Concen: 69.598 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.2	51.4
71	42.1	32.1	48.1

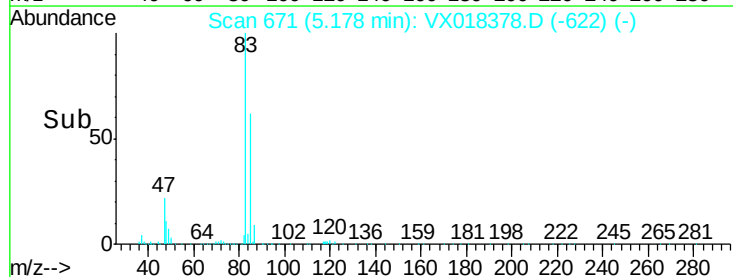
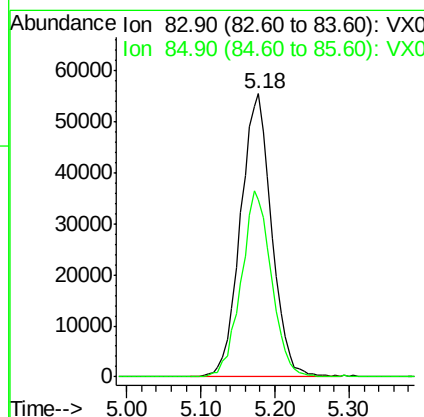
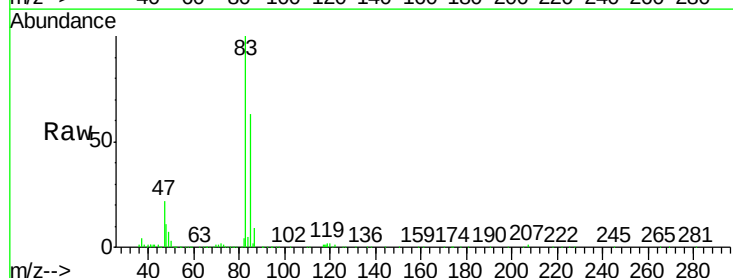
Manual Integrations
APPROVED

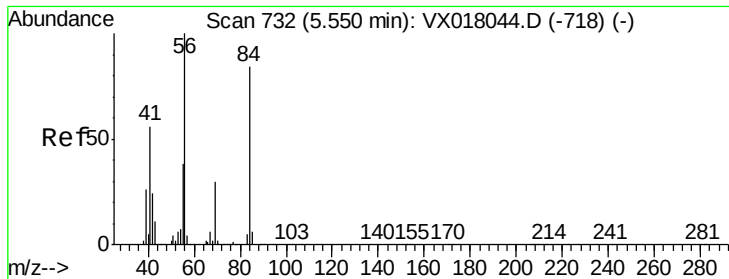
MMDadoda
9/15/2020 2:29:03 PM



#30
Chloroform
Concen: 17.179 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.6	50.7	76.1





#31

Cyclohexane

Concen: 14.399 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

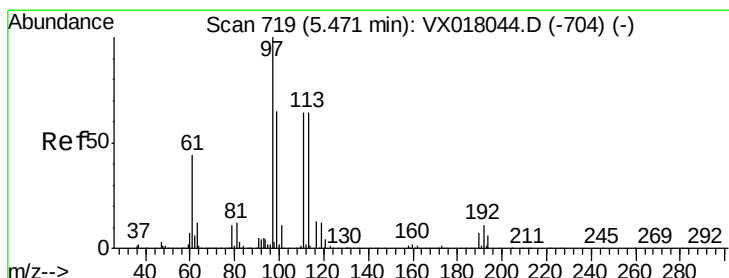
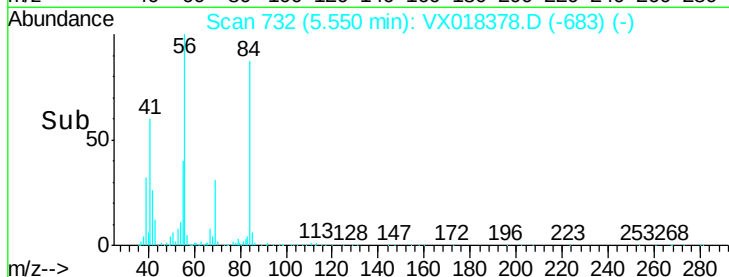
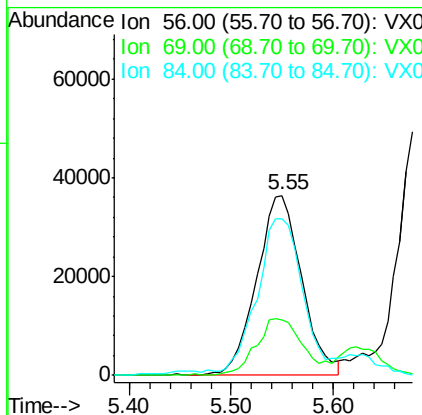
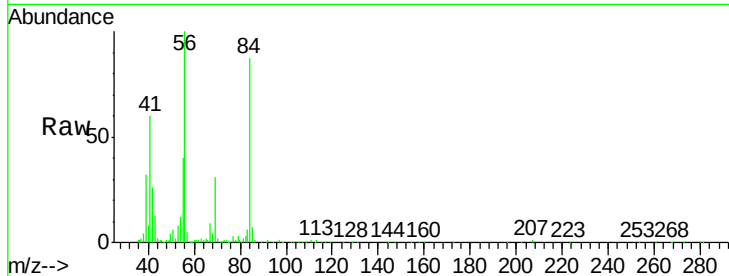
ClientSampleId :

VX0914WBS02

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.9	23.9	35.9
84	84.2	67.0	100.4



#32

1,1,1-Trichloroethane

Concen: 17.479 ug/l

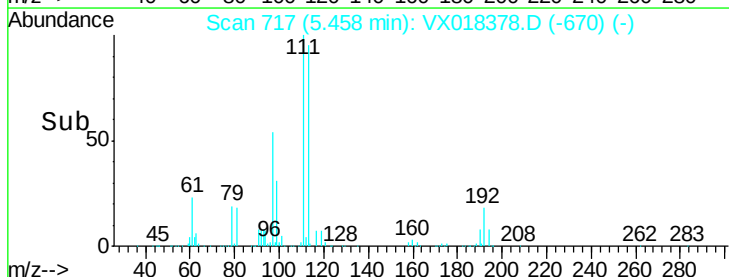
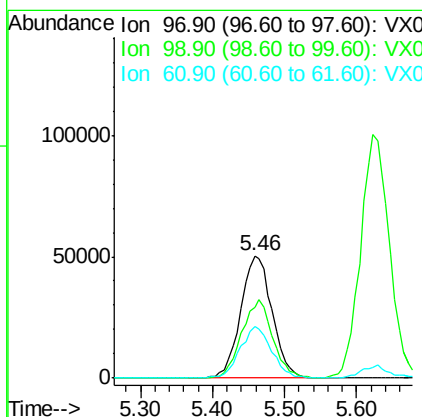
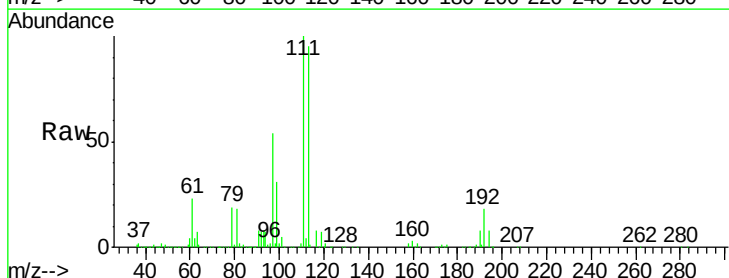
RT: 5.46 min Scan# 717

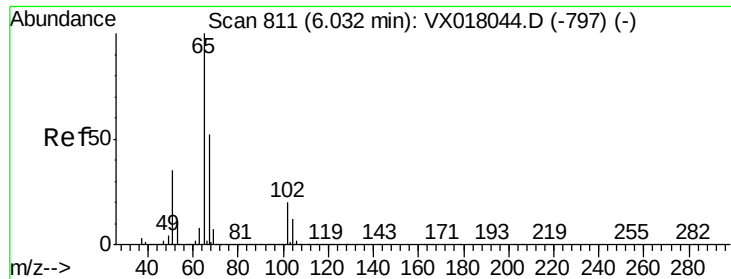
Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.4	77.0
61	42.8	34.2	51.4





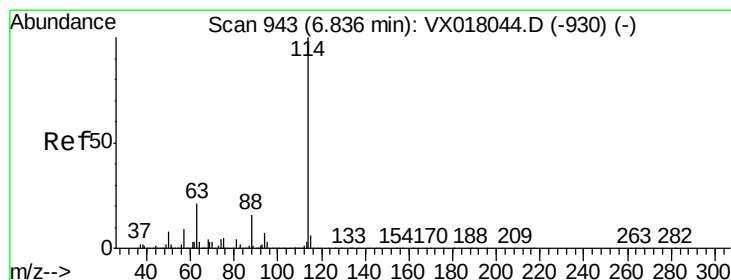
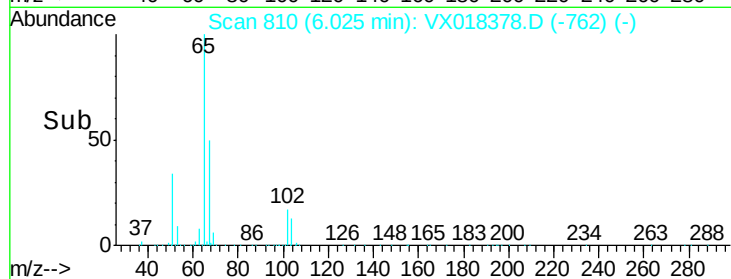
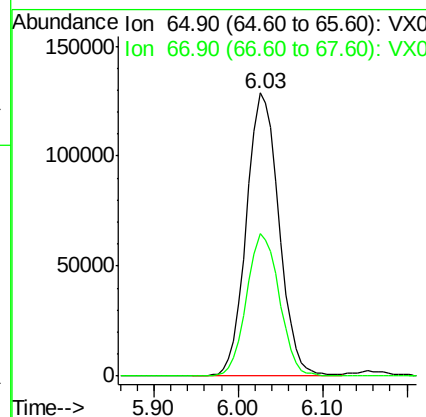
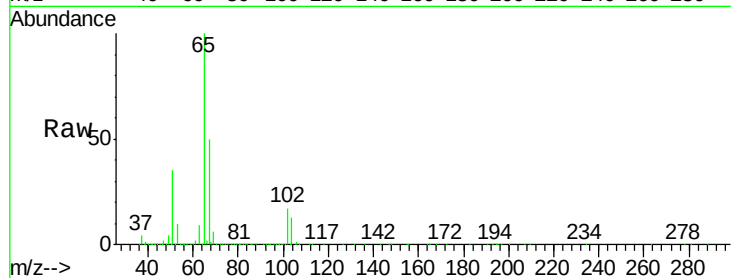
#33
 1,2-Dichloroethane-d4
 Concen: 52.350 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	336743		
67	50.5	0.0	105.8	

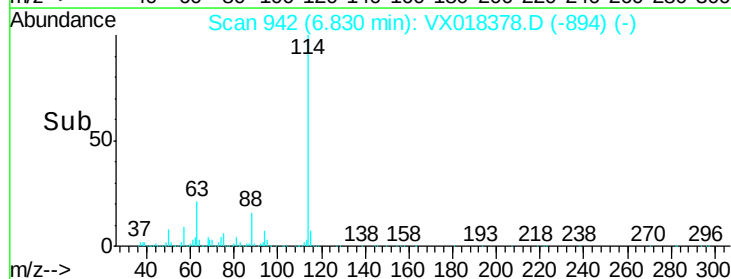
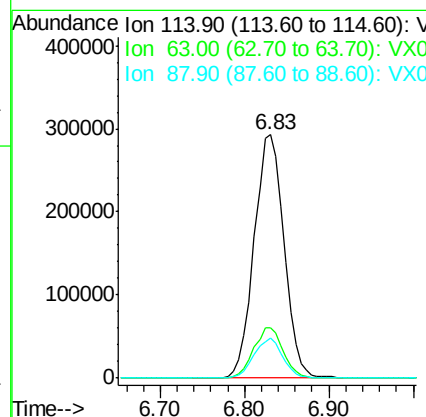
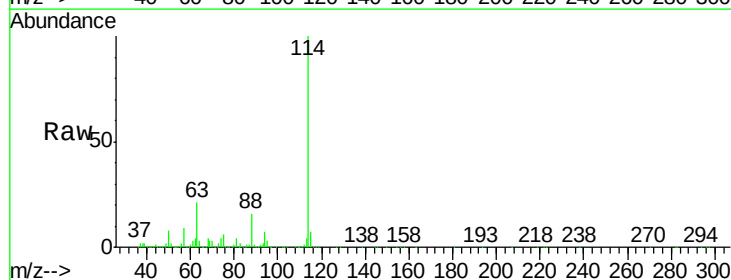
Manual Integrations
 APPROVED

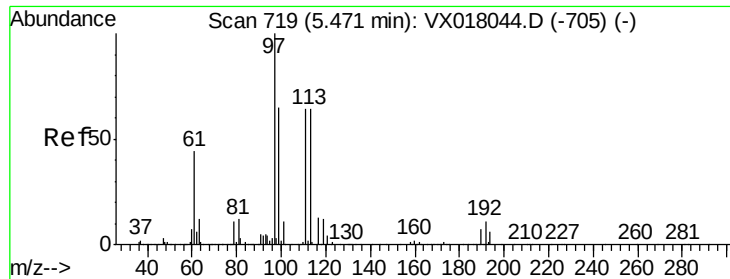
MMDadoda
 9/15/2020 2:29:03 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	705624		
63	20.8	0.0	42.6	
88	16.5	0.0	31.8	





#35

Dibromofluoromethane

Concen: 53.995 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

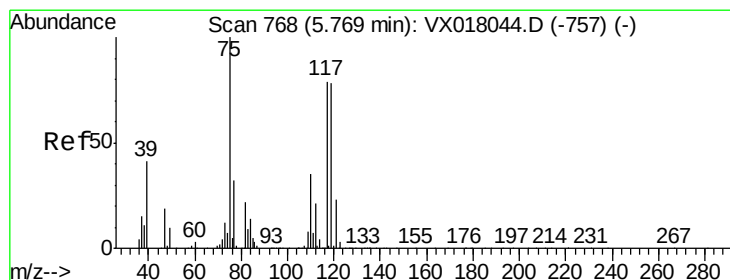
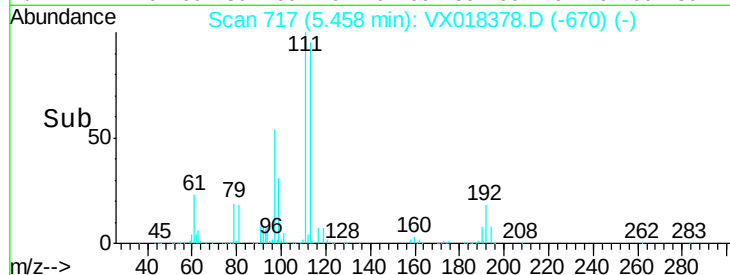
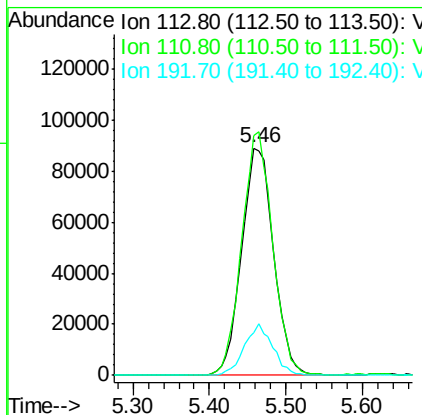
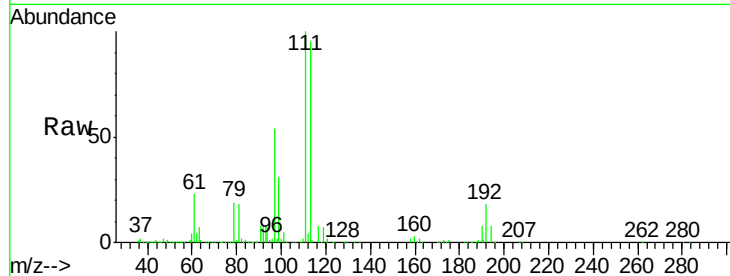
ClientSampleId :

VX0914WBS02

Tot Ion:	113	Resp:	259482
Ion Ratio	Lower	Upper	
113	100		
111	104.0	81.6	122.4
192	20.1	15.8	23.8

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#36

1,1-Dichloropropene

Concen: 17.194 ug/l

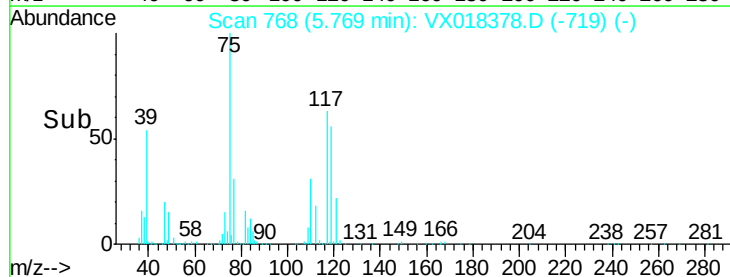
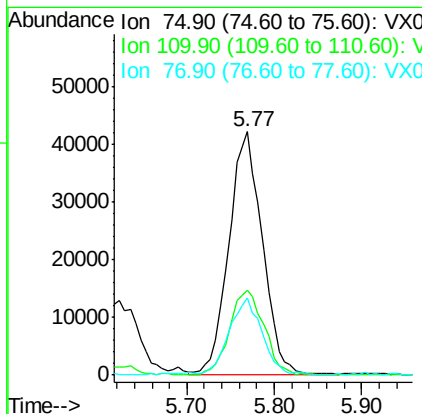
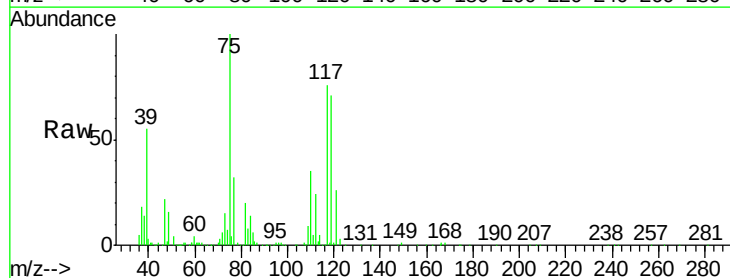
RT: 5.77 min Scan# 768

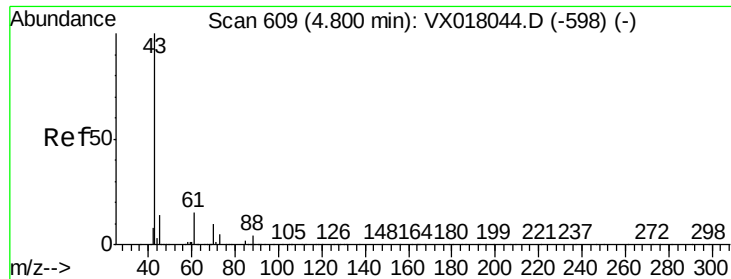
Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion:	75	Resp:	111904
Ion Ratio	Lower	Upper	
75	100		
110	36.2	18.0	54.0
77	31.3	24.4	36.6





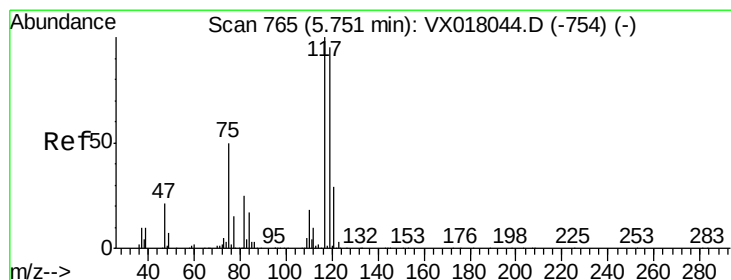
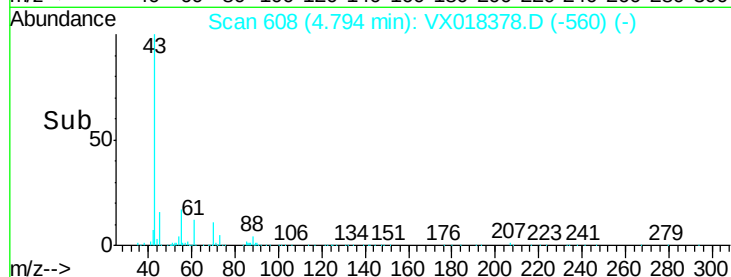
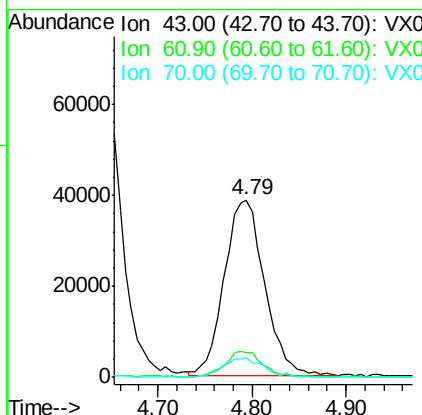
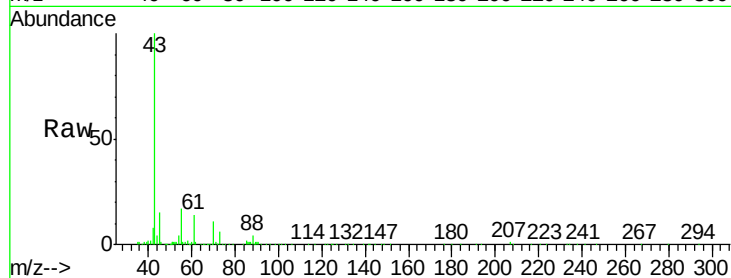
#37
Ethyl Acetate
Concen: 15.134 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	43	Resp	114397
Ion Ratio	Lower	Upper	
43	100		
61	14.4	11.3	16.9
70	11.7	8.2	12.4

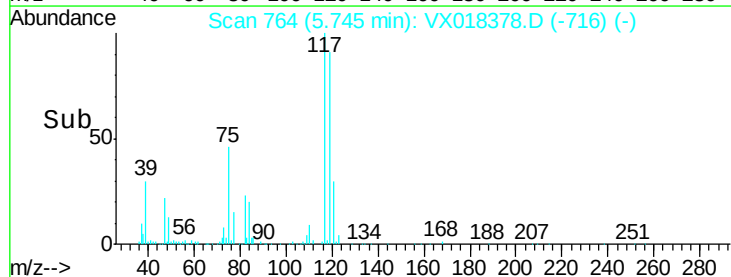
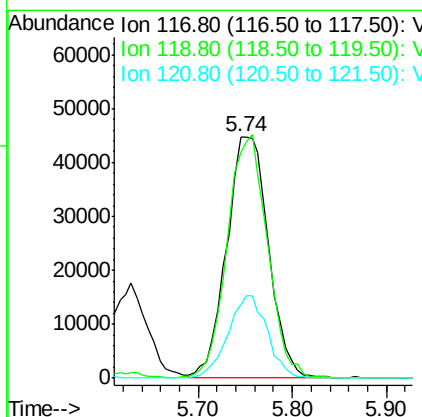
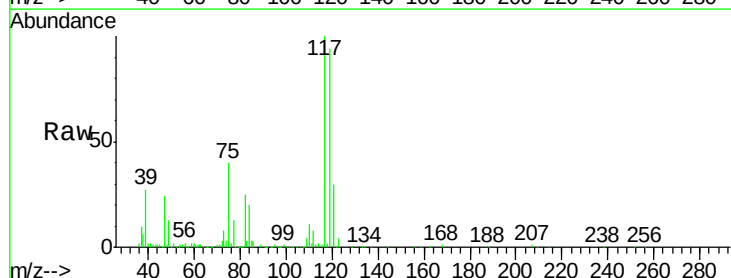
Manual Integrations
APPROVED

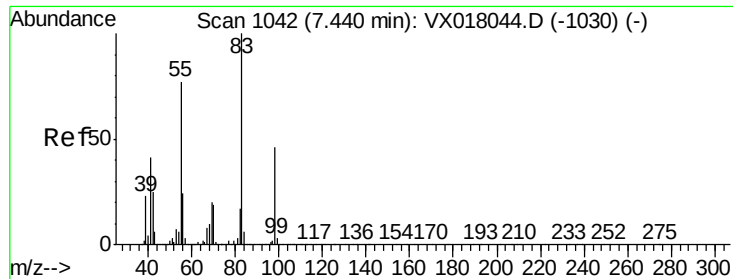
MMDadoda
9/15/2020 2:29:03 PM



#38
Carbon Tetrachloride
Concen: 18.797 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	117	Resp	137868
Ion Ratio	Lower	Upper	
117	100		
119	93.8	75.8	113.6
121	30.3	23.4	35.0





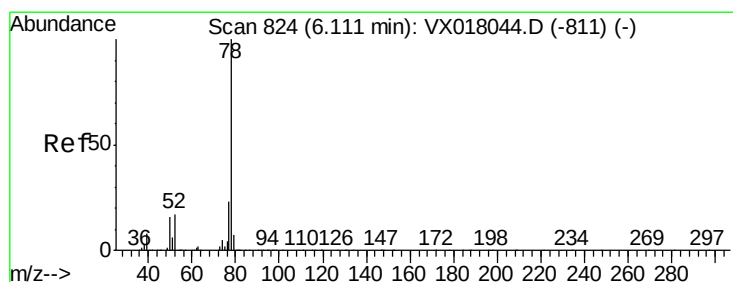
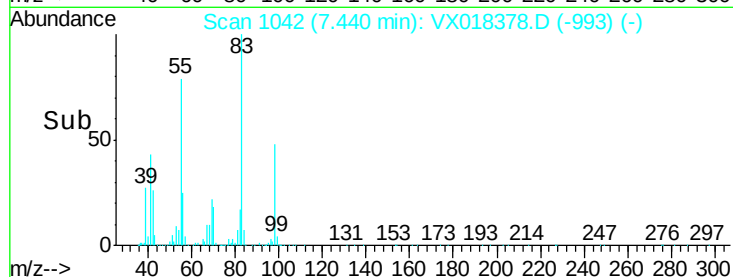
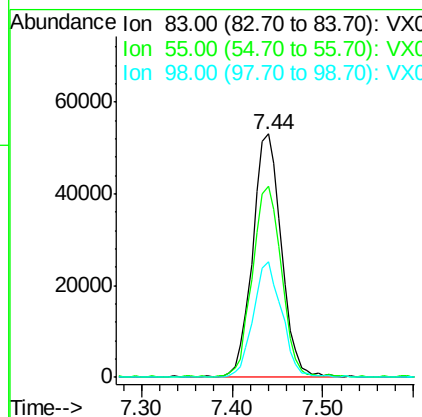
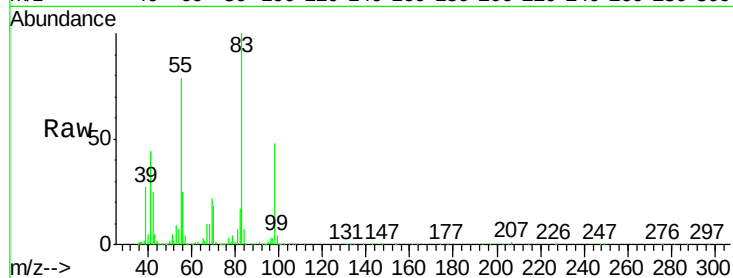
#39
Methylvlcyclohexane
Concen: 16.342 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.8	92.6
98	47.6	36.6	55.0

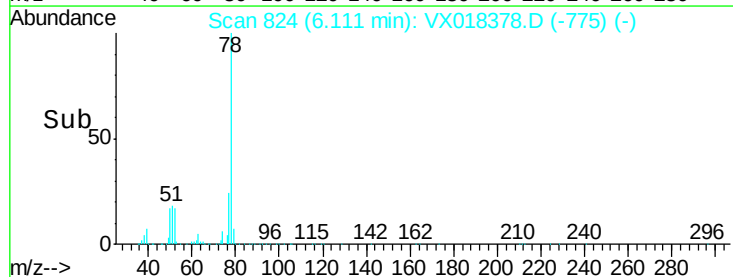
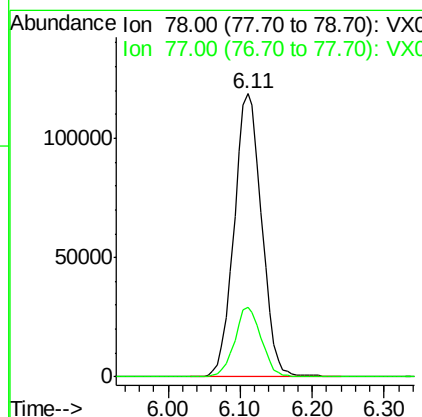
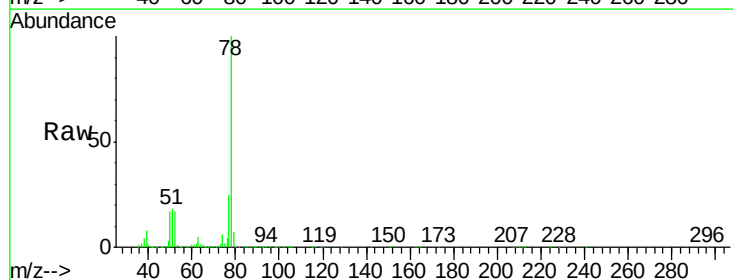
Manual Integrations
APPROVED

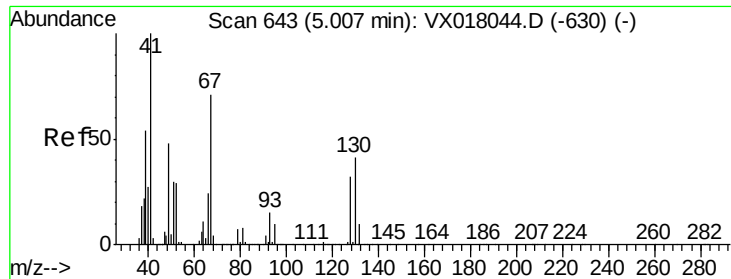
MMDadoda
9/15/2020 2:29:03 PM



#40
Benzene
Concen: 16.443 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.2	27.2





#41

Methacrylonitrile

Concen: 14.868 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

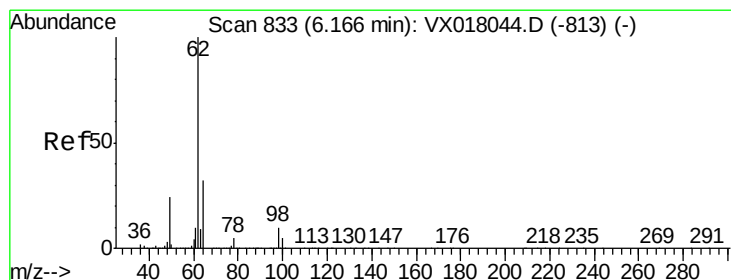
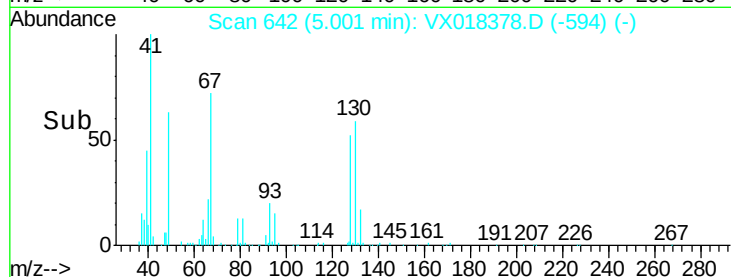
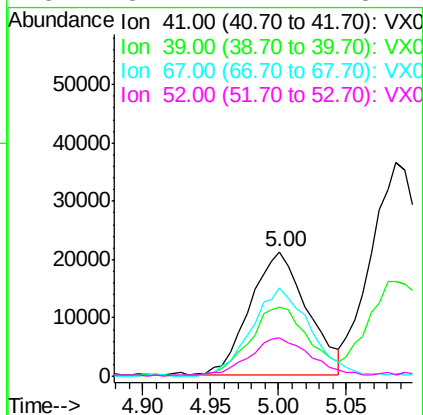
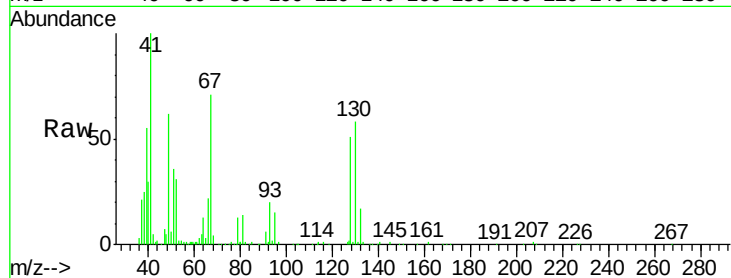
ClientSampleId :

VX0914WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	57.9	43.1	64.7	
67	73.4	56.0	84.0	
52	32.2	22.7	34.1	

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#42

1,2-Dichloroethane

Concen: 18.334 ug/l

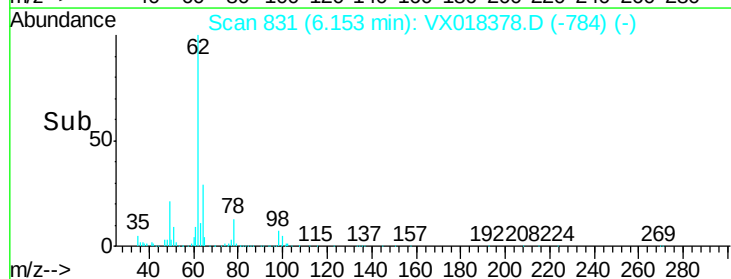
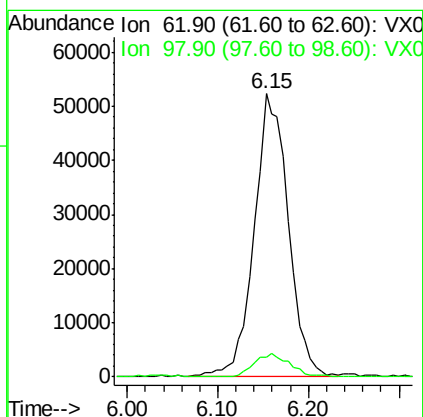
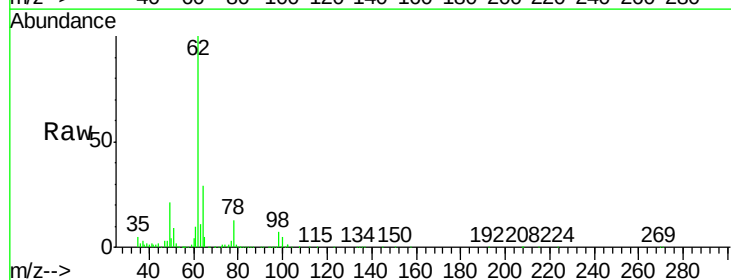
RT: 6.15 min Scan# 831

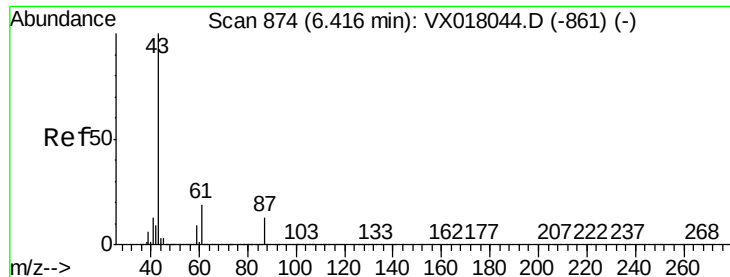
Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.9	0.0	18.2	





#43

Isopropyl Acetate

Concen: 15.442 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

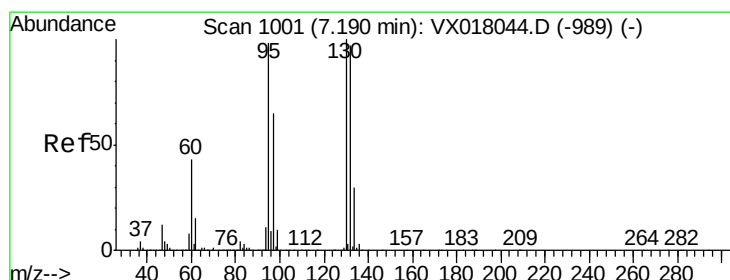
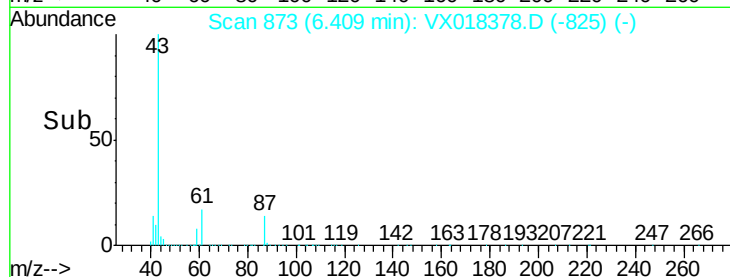
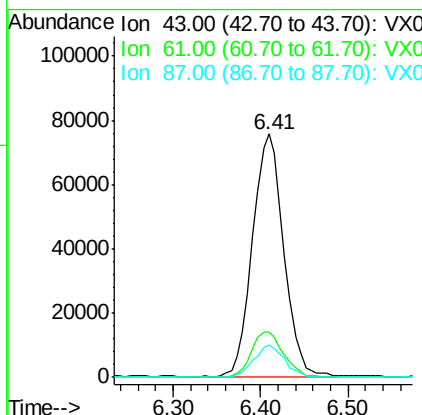
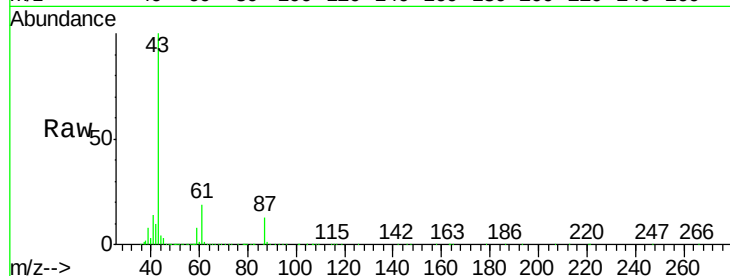
ClientSampleId :

VX0914WBS02

Tot Ion:	43	Resp:	188535
Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	13.2	10.3	15.5

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#44

Trichloroethene

Concen: 17.722 ug/l

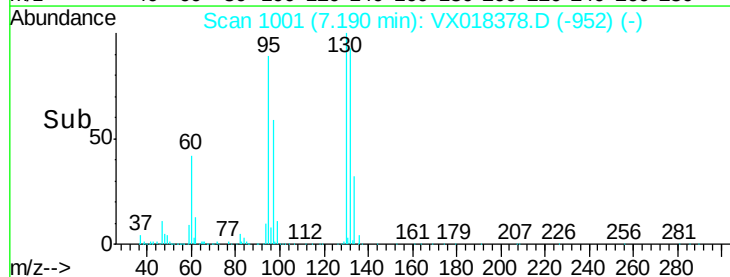
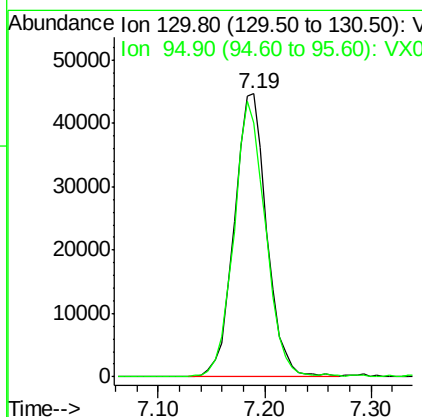
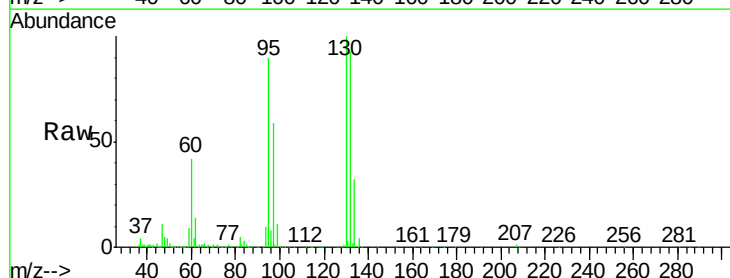
RT: 7.19 min Scan# 1001

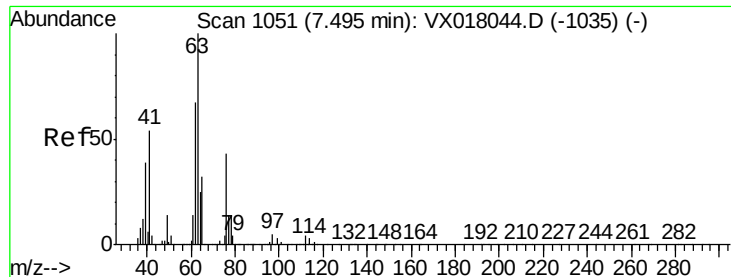
Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion:	130	Resp:	95764
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	196.4





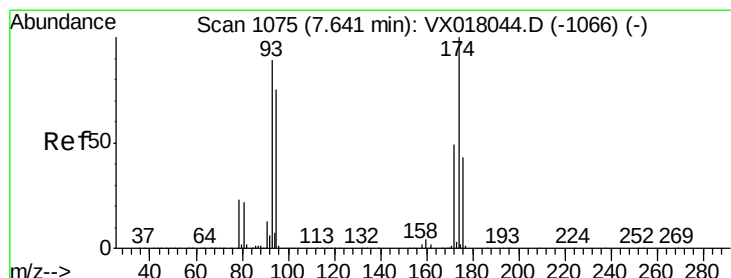
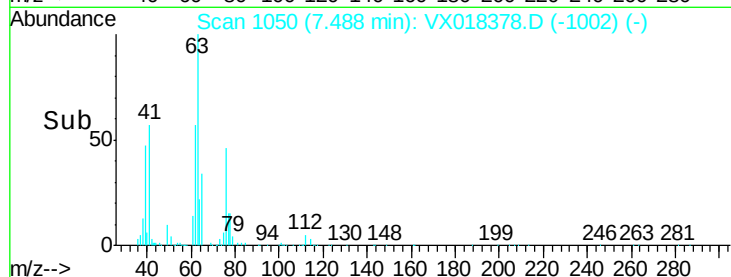
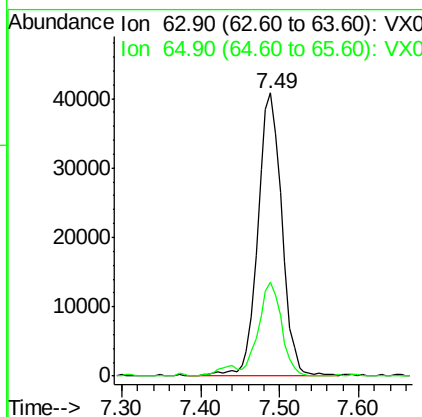
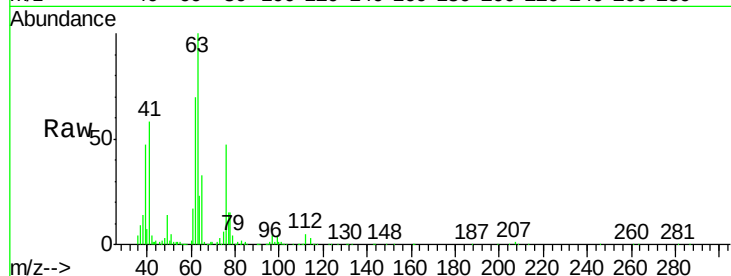
#45
 1,2-Dichloropropane
 Concen: 16.835 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.7	38.5

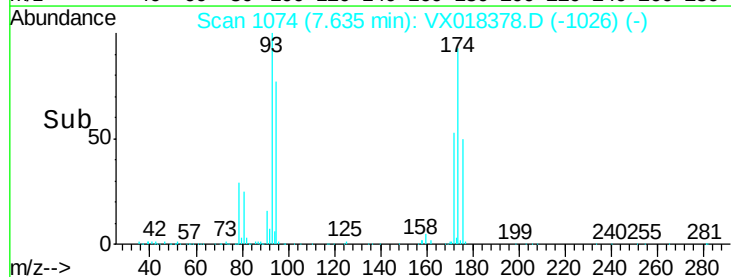
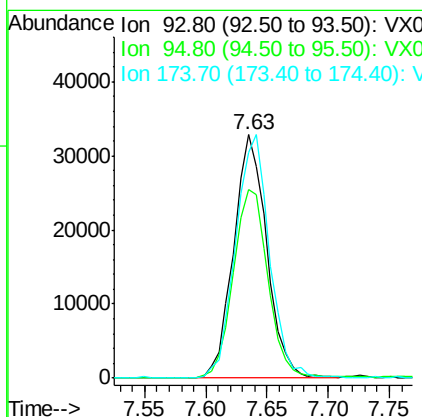
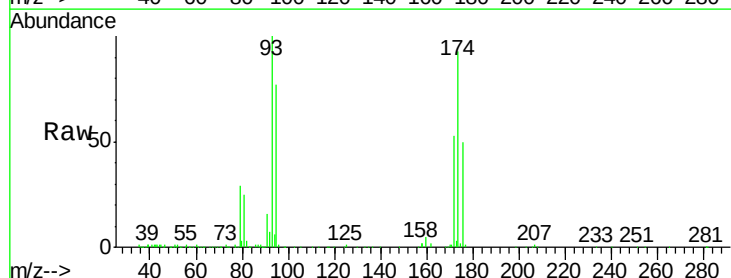
Manual Integrations
 APPROVED

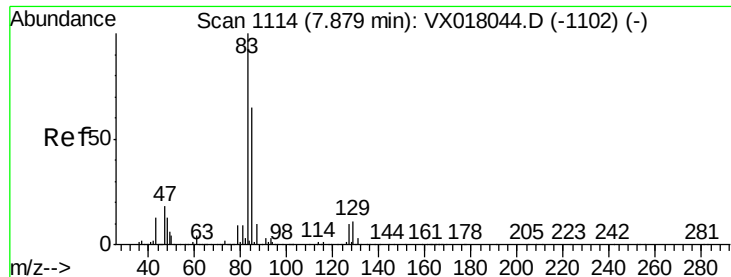
MMDadoda
 9/15/2020 2:29:03 PM



#46
 Dibromomethane
 Concen: 17.018 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	67.3	100.9
174	102.4	82.2	123.2





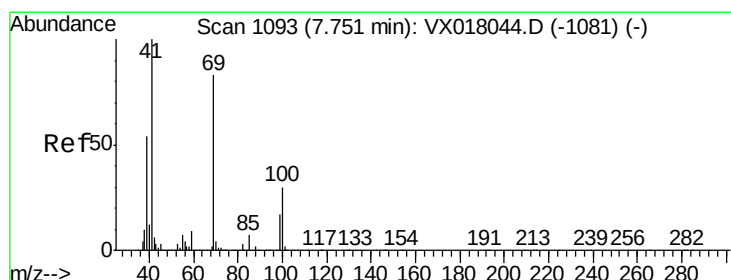
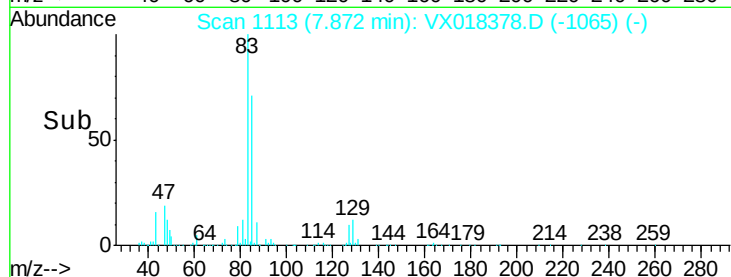
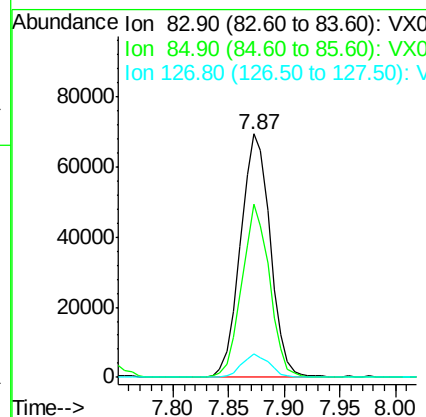
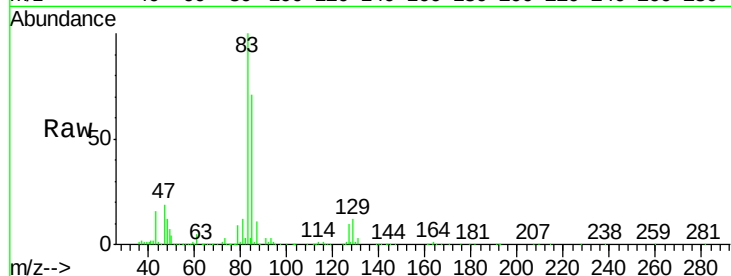
#47
Bromodichloromethane
Concen: 17.805 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	128859		
85	70.9		51.8	77.6
127	9.8		7.7	11.5

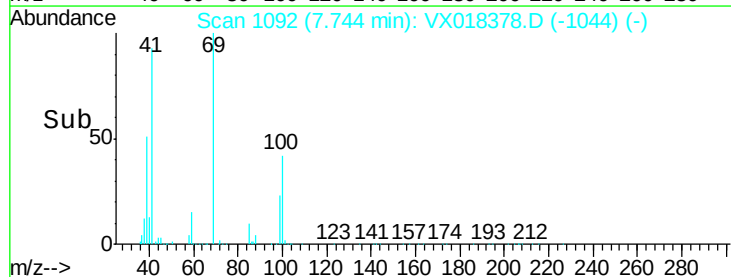
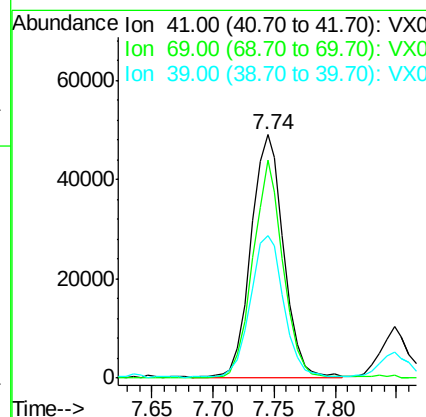
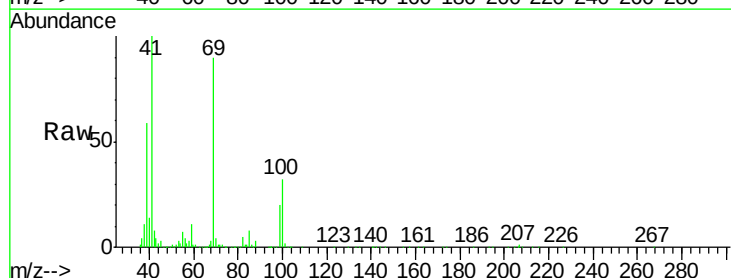
Manual Integrations
APPROVED

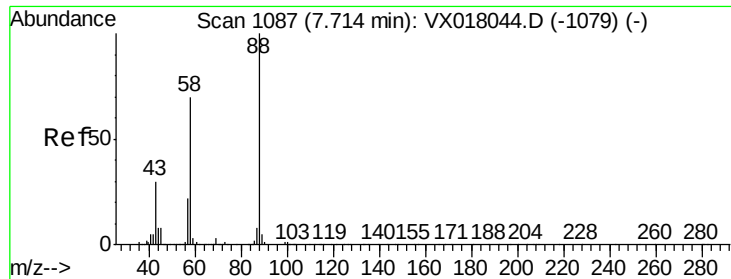
MMDadoda
9/15/2020 2:29:03 PM



#48
Methyl methacrylate
Concen: 14.878 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	90429		
69	83.8		65.5	98.3
39	59.7		44.5	66.7





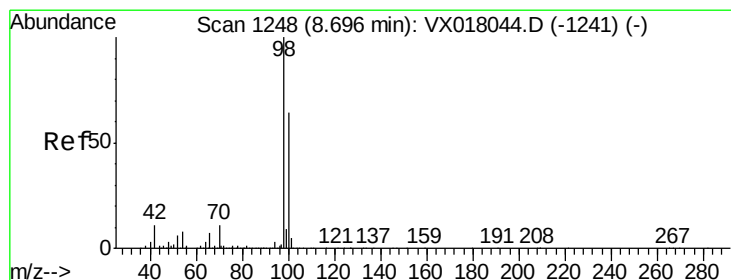
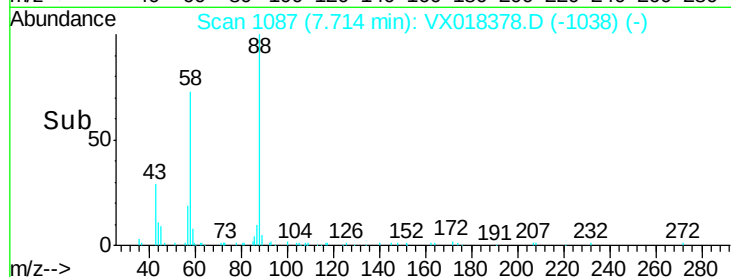
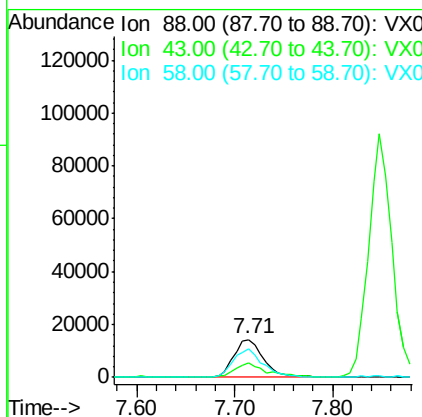
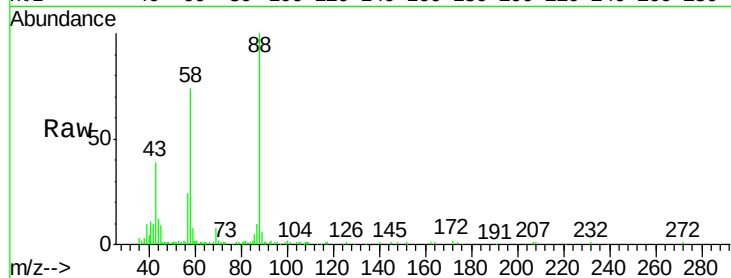
#49
1,4-Dioxane
Concen: 265.599 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.7	27.4	41.0
58	78.8	56.4	84.6

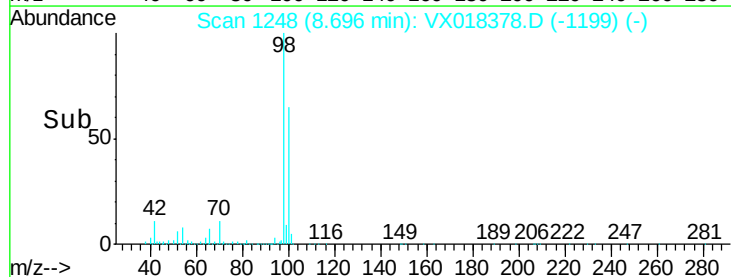
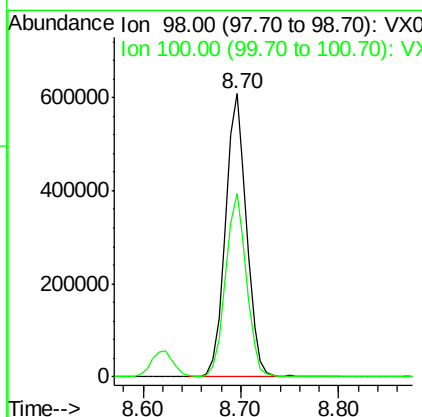
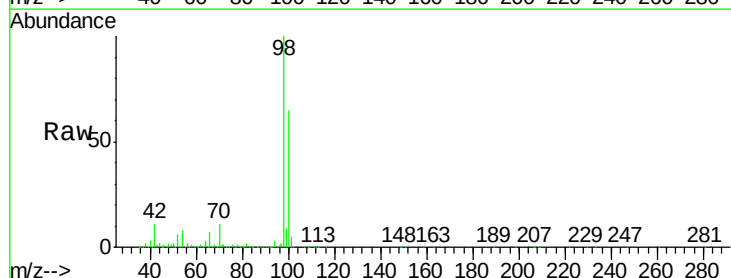
Manual Integrations
APPROVED

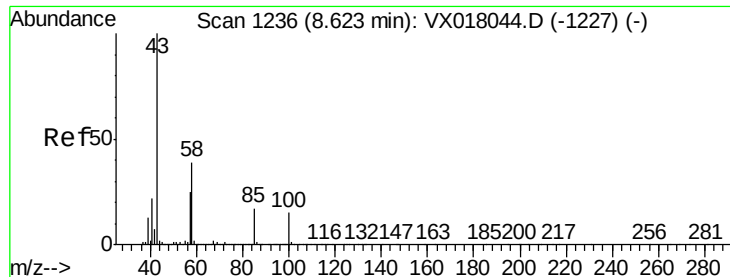
MMDadoda
9/15/2020 2:29:03 PM



#50
Toluene-d8
Concen: 50.482 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.4





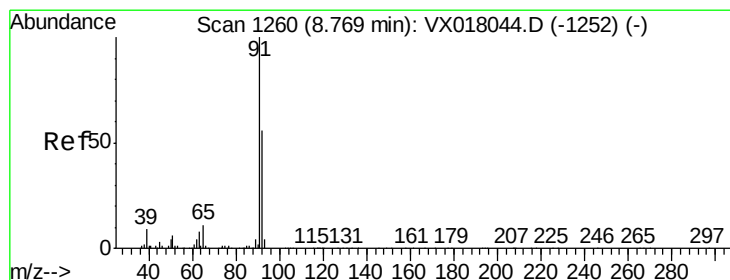
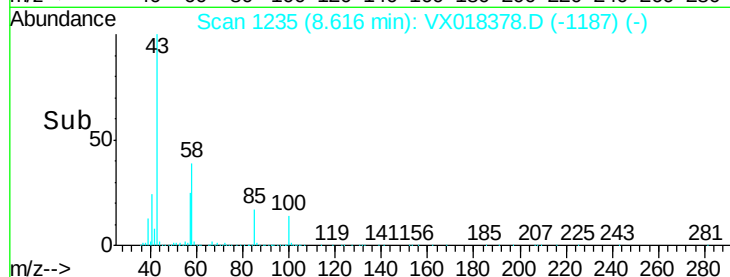
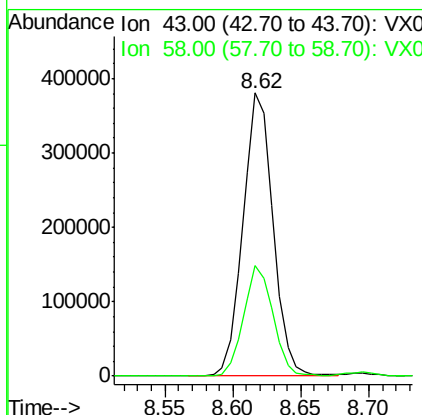
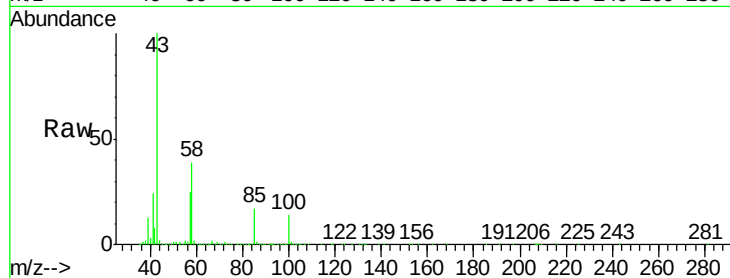
#51
4-Methyl-2-Pentanone
Concen: 77.767 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ion	Ratio	Lower	Upper
43	43	100		
58	58	38.5	30.7	46.1

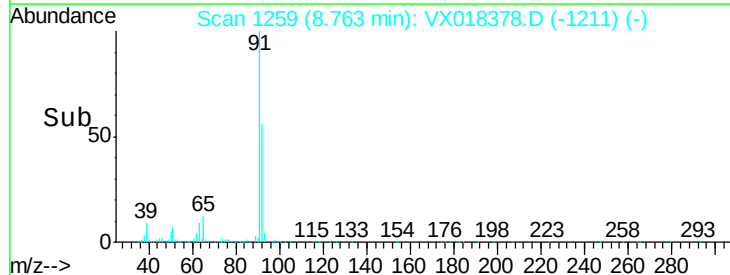
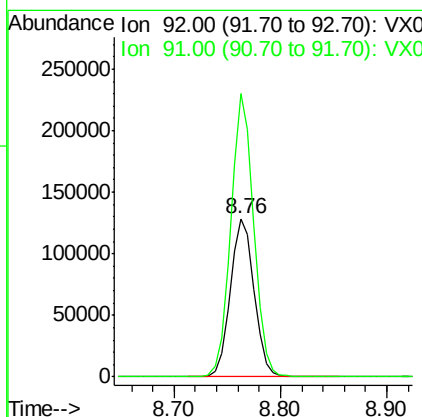
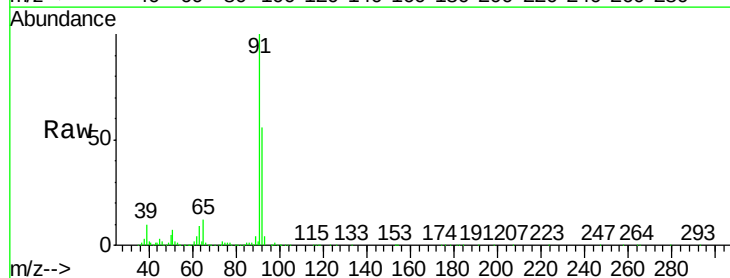
Manual Integrations
APPROVED

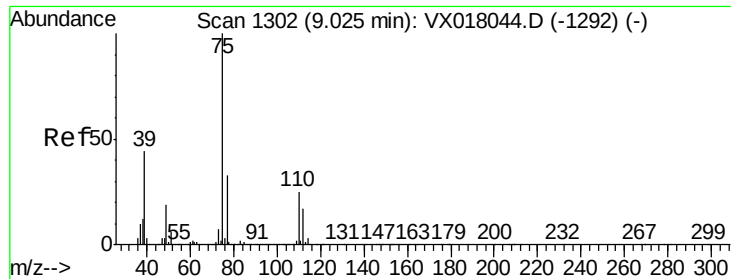
MMDadoda
9/15/2020 2:29:03 PM



#52
Toluene
Concen: 16.618 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ion	Ratio	Lower	Upper
92	92	100		
91	91	172.0	140.3	210.5





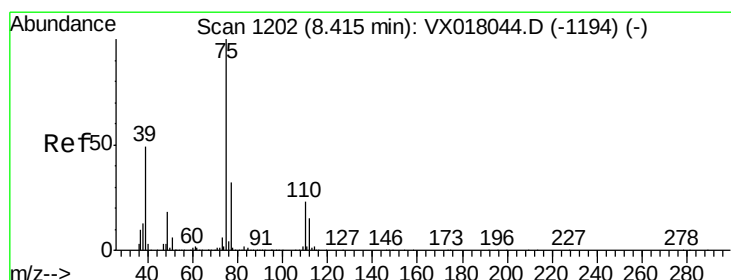
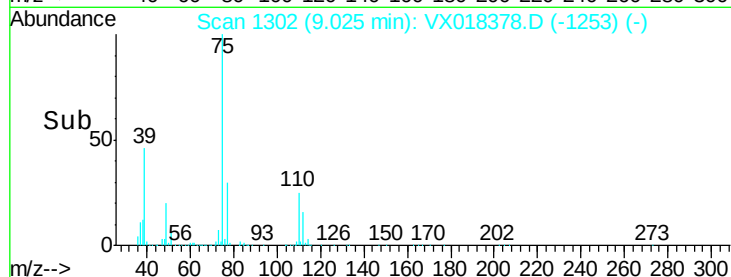
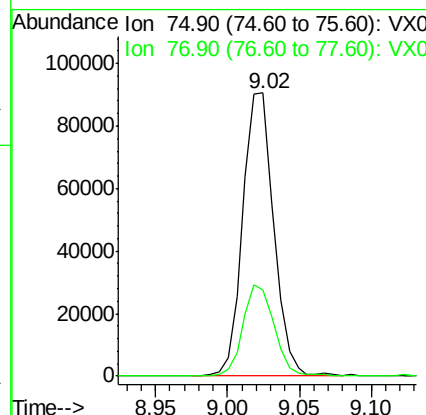
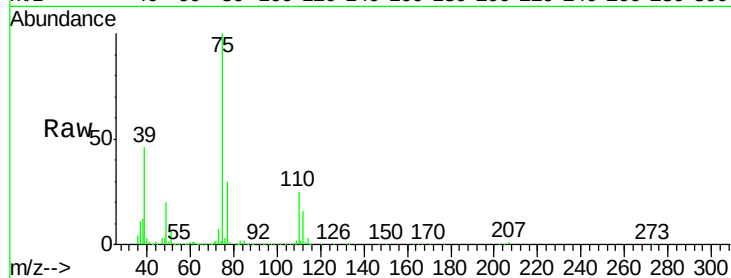
#53
t-1,3-Dichloropropene
Concen: 16.926 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.6	39.8

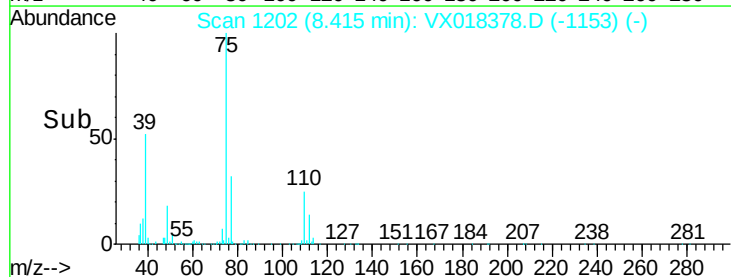
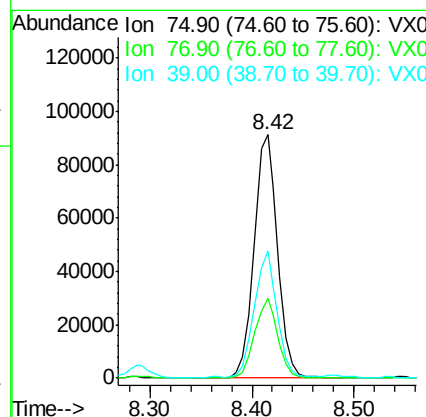
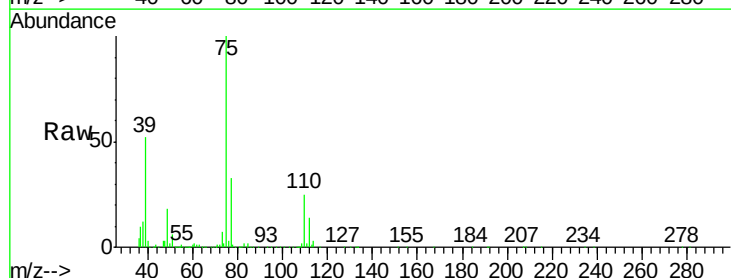
Manual Integrations
APPROVED

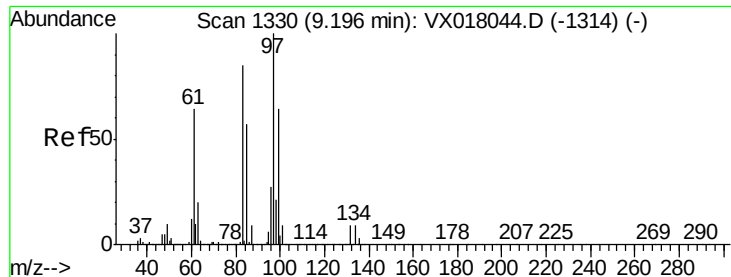
MMDadoda
9/15/2020 2:29:03 PM



#54
cis-1,3-Dichloropropene
Concen: 17.240 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.8	38.8
39	51.7	38.8	58.2





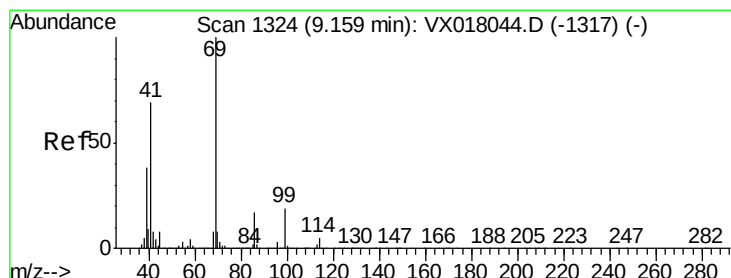
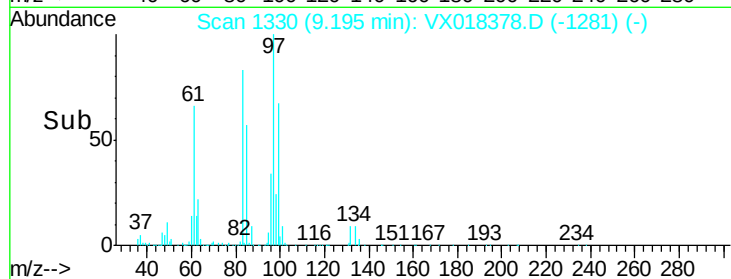
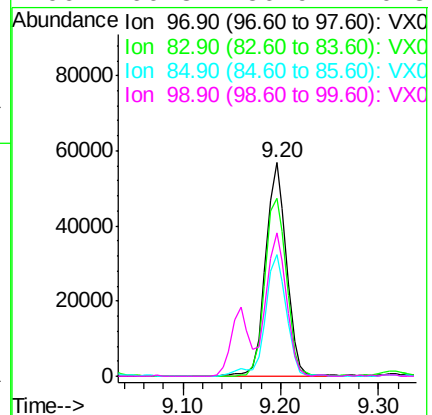
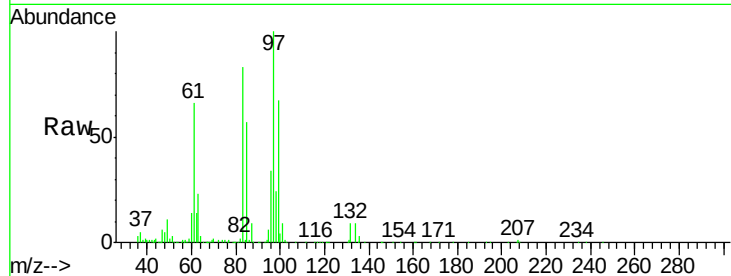
#55
 1,1,2-Trichloroethane
 Concen: 16.309 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion:	97	Resp:	84346
Ion	Ratio	Lower	Upper
97	100		
83	83.4	67.8	101.6
85	57.1	45.3	67.9
99	66.8	50.9	76.3

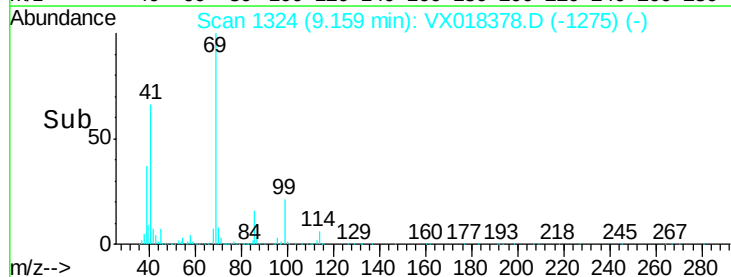
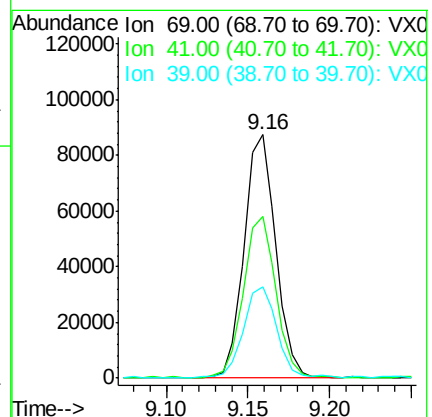
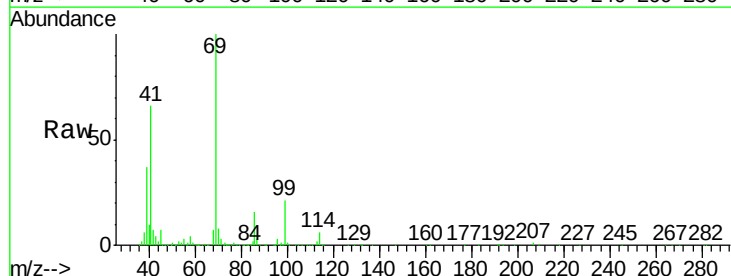
Manual Integrations
 APPROVED

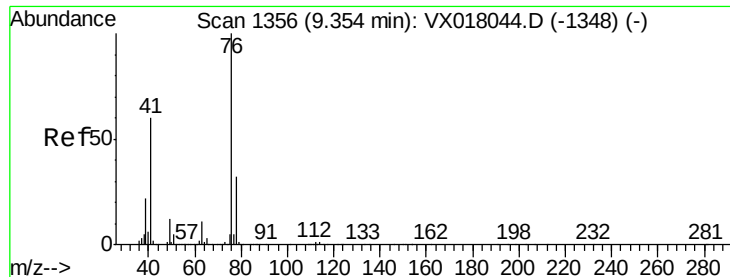
MMDadoda
 9/15/2020 2:29:03 PM



#56
 Ethyl methacrylate
 Concen: 15.439 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion:	69	Resp:	118700
Ion	Ratio	Lower	Upper
69	100		
41	67.4	54.6	81.8
39	39.1	29.1	43.7





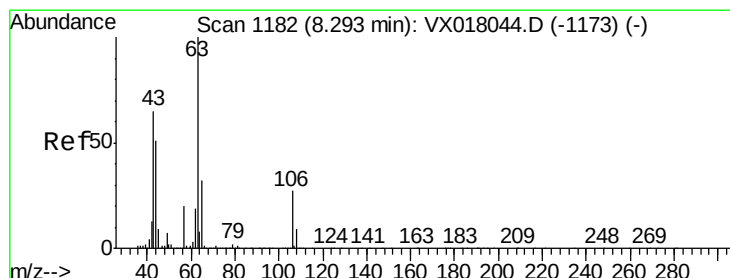
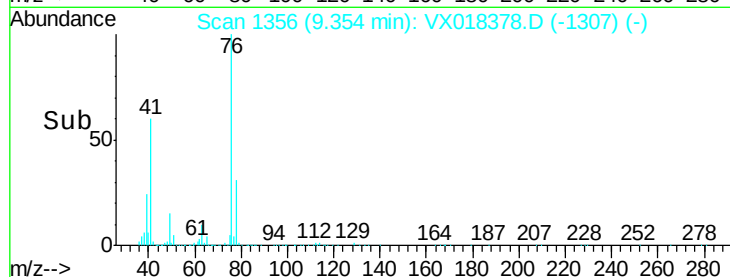
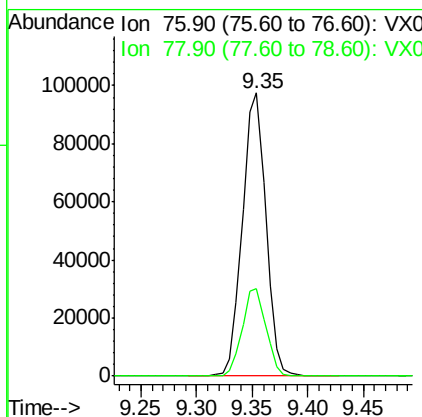
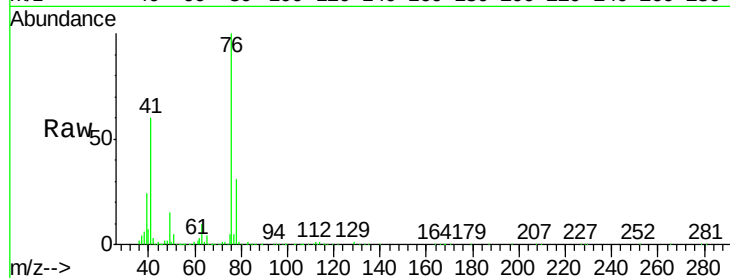
#57
 1,3-Dichloropropane
 Concen: 16.745 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.4	25.8	38.6

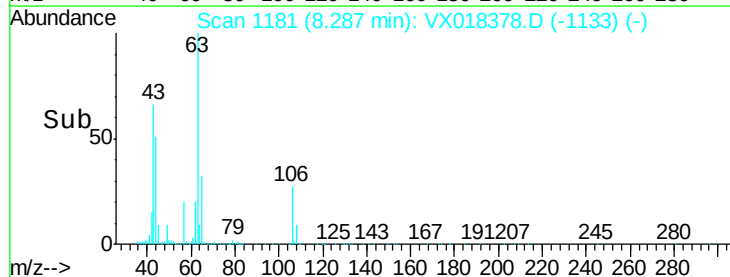
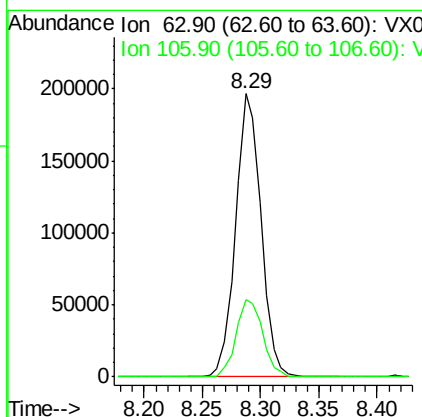
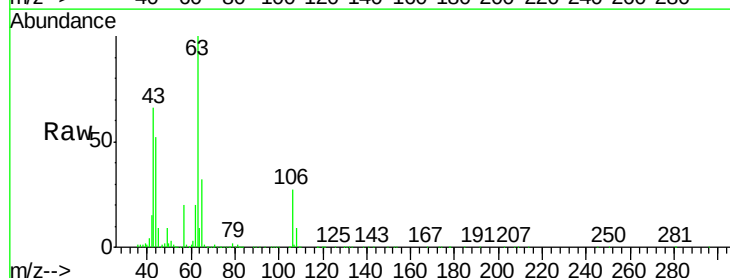
Manual Integrations
 APPROVED

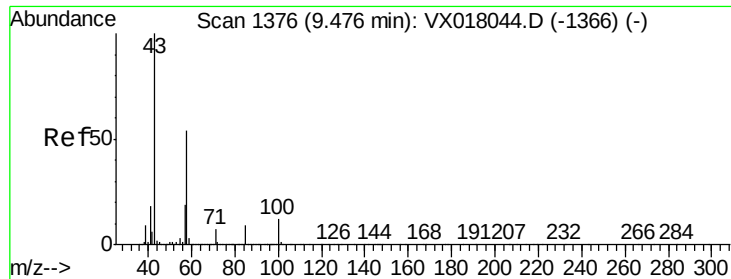
MMDadoda
 9/15/2020 2:29:03 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.554 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.9	22.1	33.1





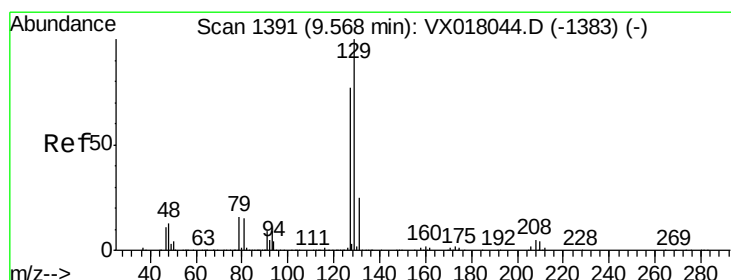
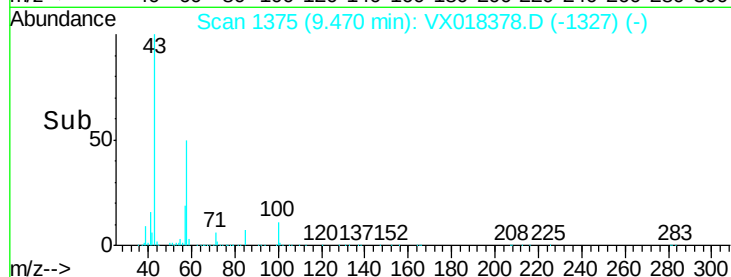
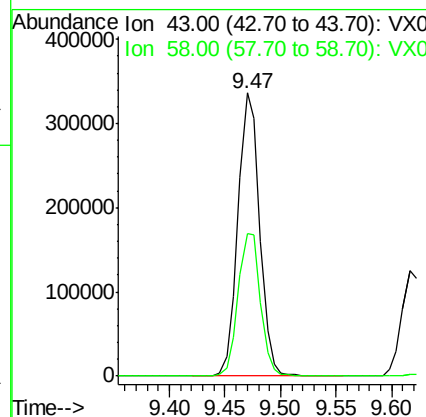
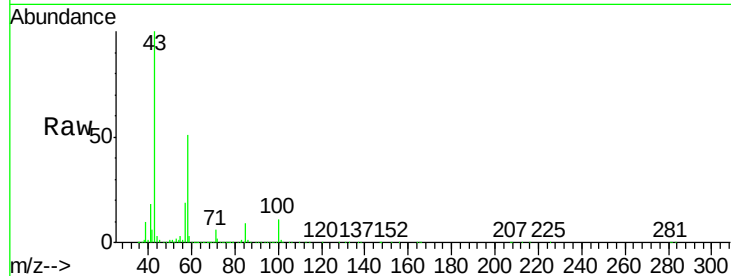
#59
2-Hexanone
Concen: 79.302 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion: 43 Resp: 454769
Ion Ratio Lower Upper
43 100
58 51.9 26.6 79.7

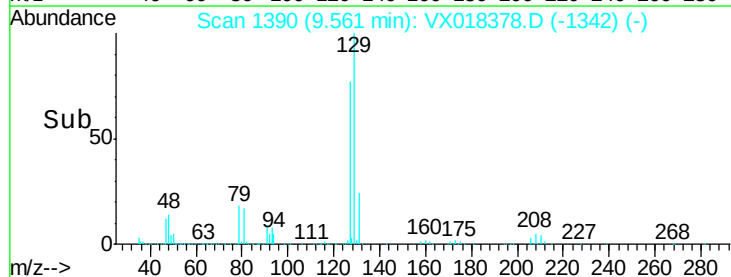
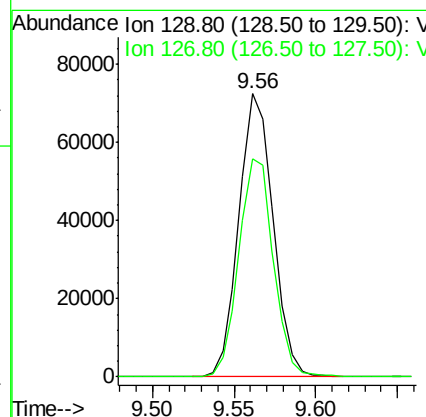
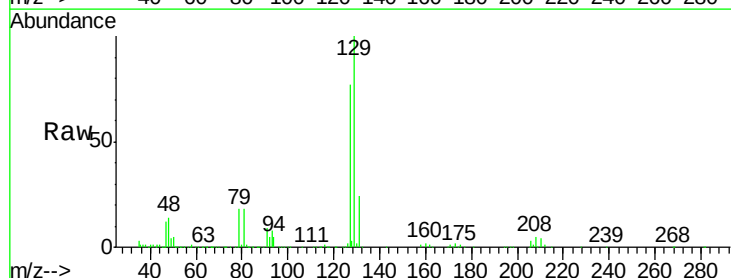
Manual Integrations
APPROVED

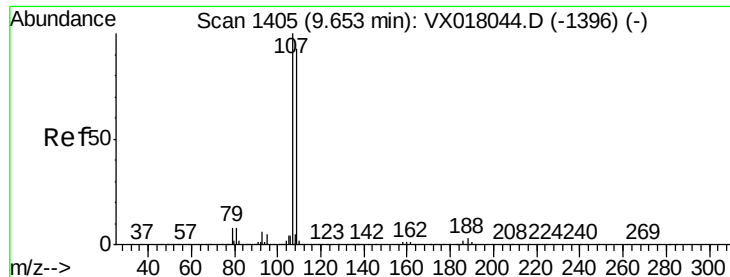
MMDadoda
9/15/2020 2:29:03 PM



#60
Dibromochloromethane
Concen: 17.485 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 129 Resp: 106080
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6





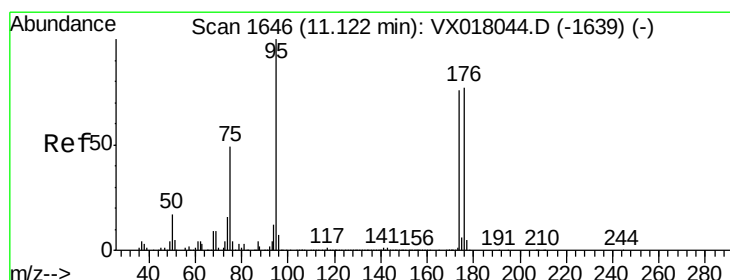
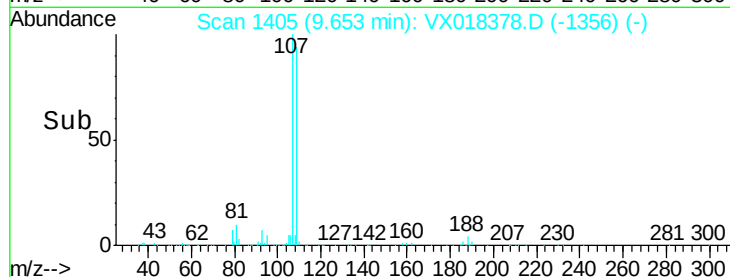
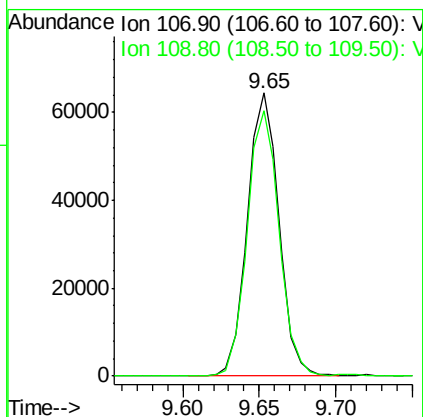
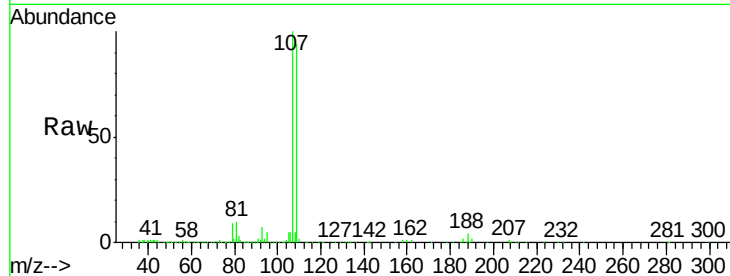
#61
 1,2-Dibromoethane
 Concen: 16.386 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion:107 Resp: 92006
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9

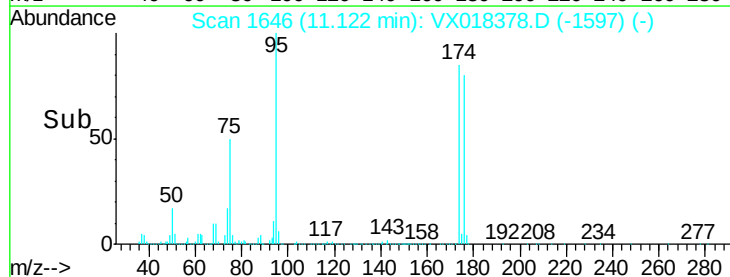
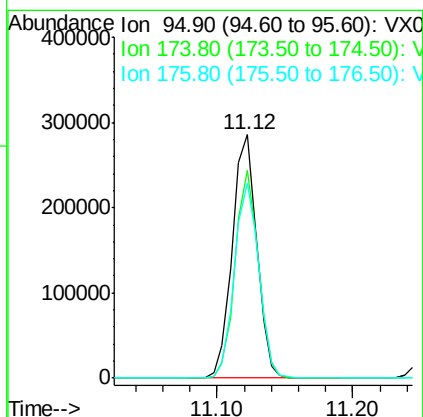
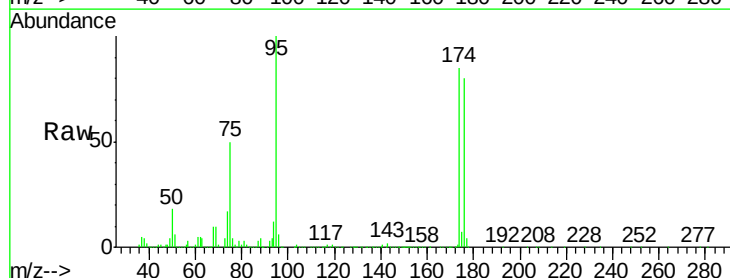
Manual Integrations
 APPROVED

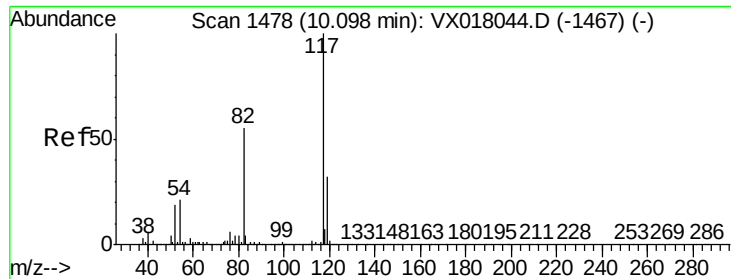
MMDadoda
 9/15/2020 2:29:03 PM



#62
 4-Bromofluorobenzene
 Concen: 50.789 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion: 95 Resp: 357664
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 160.2
 176 79.9 0.0 155.8





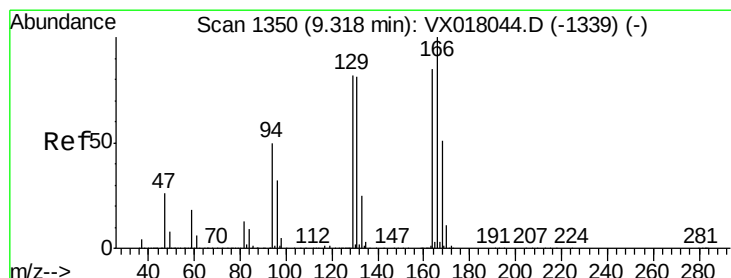
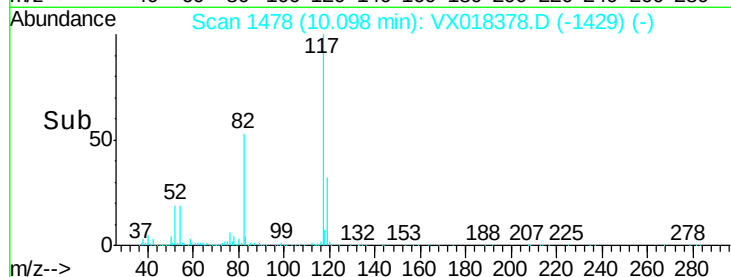
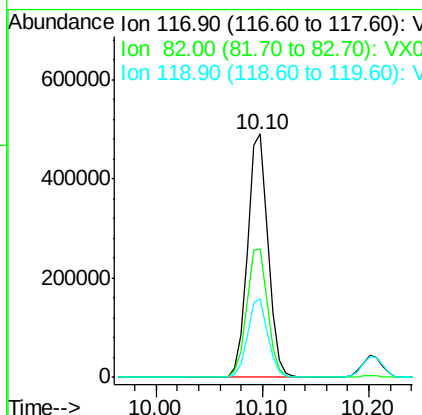
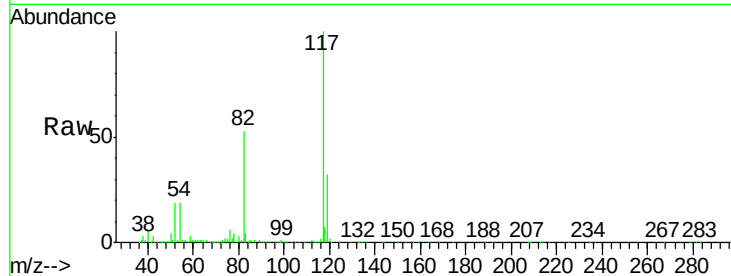
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.2	66.2
119	32.0	25.7	38.5

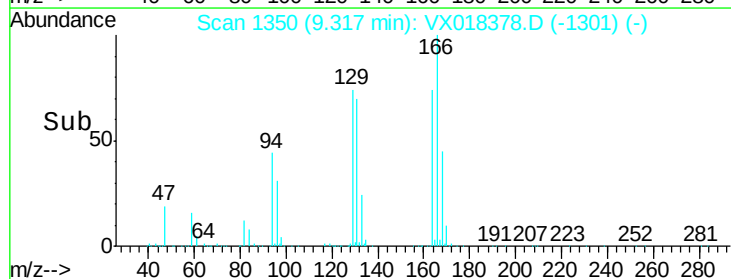
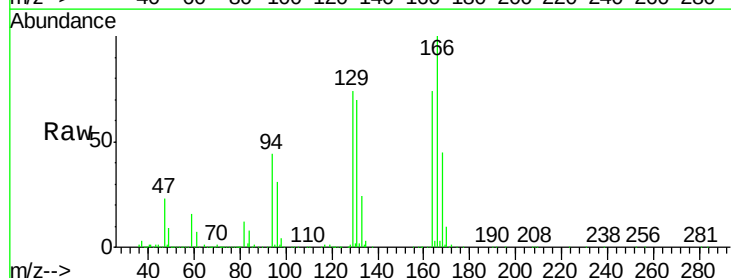
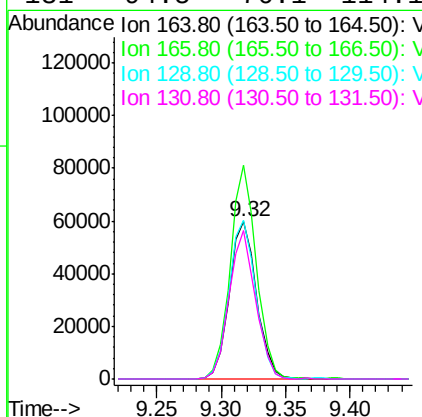
Manual Integrations
APPROVED

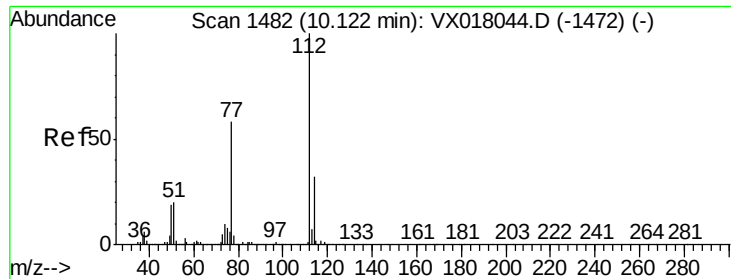
MMDadoda
9/15/2020 2:29:03 PM



#64
Tetrachloroethene
Concen: 18.167 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.6	94.2	141.2
129	100.9	76.9	115.3
131	94.5	76.1	114.1





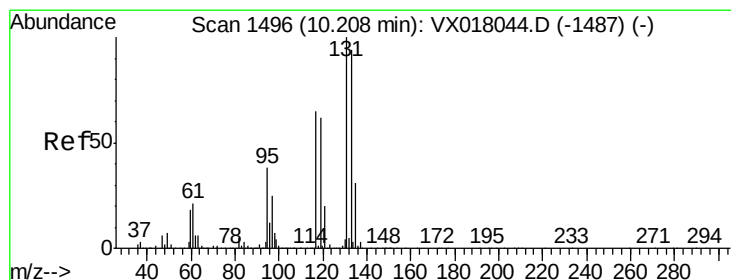
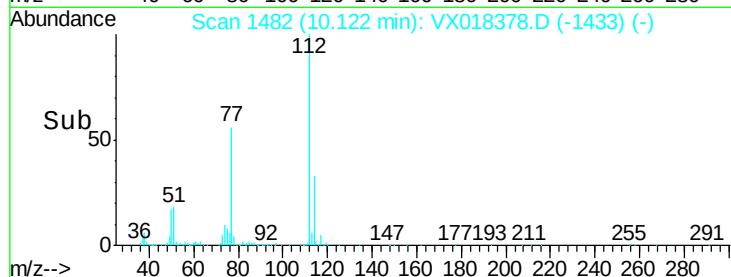
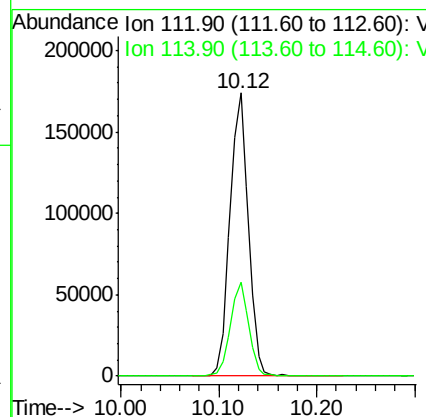
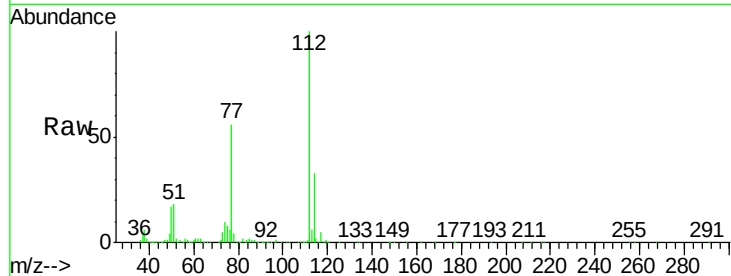
#65
Chlorobenzene
Concen: 17.296 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.3	25.7	38.5

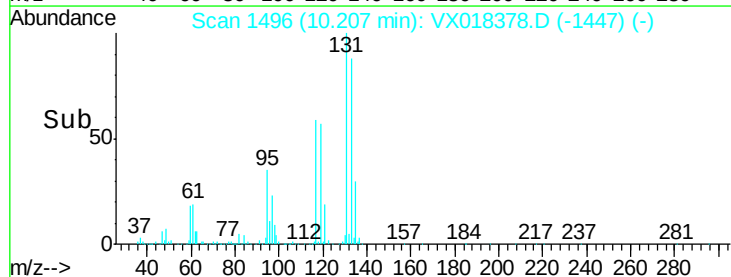
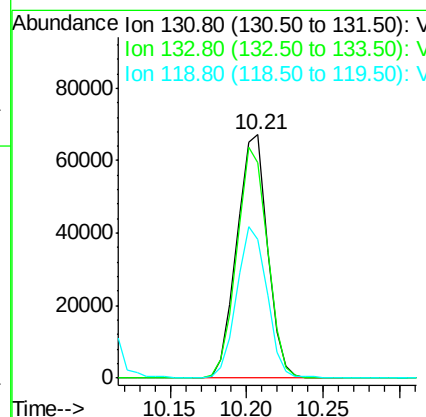
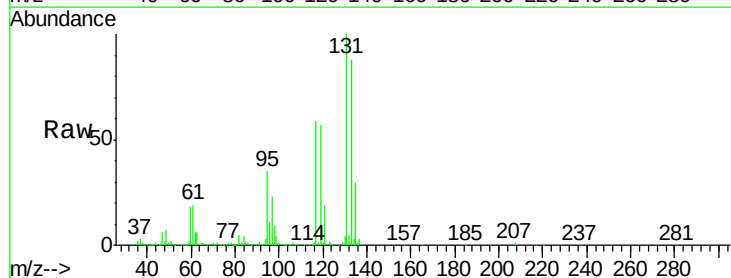
Manual Integrations
APPROVED

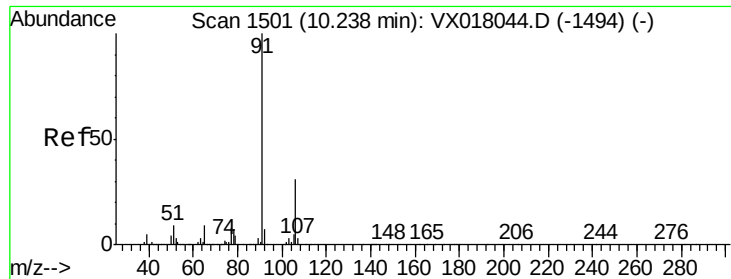
MMDadoda
9/15/2020 2:29:03 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.018 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.8	46.7	140.1
119	61.6	31.8	95.4





#67

Ethyl Benzene

Concen: 17.306 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 91 Resp: 388493

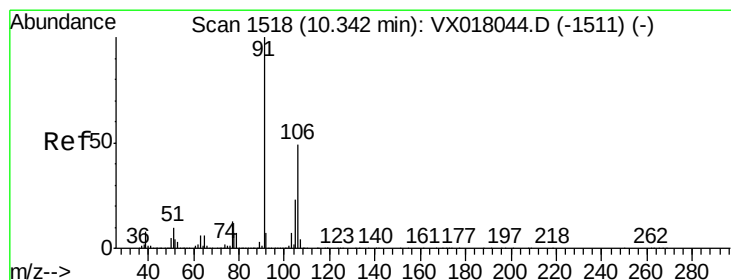
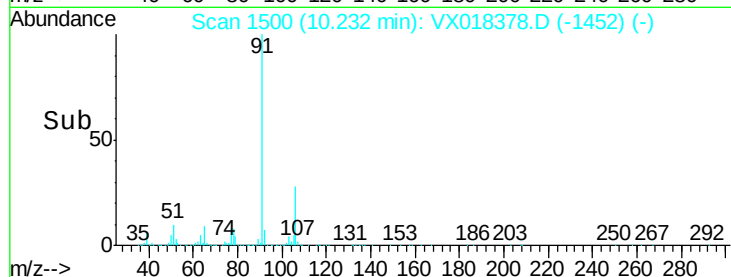
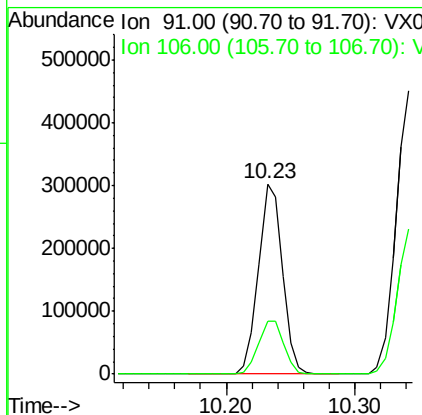
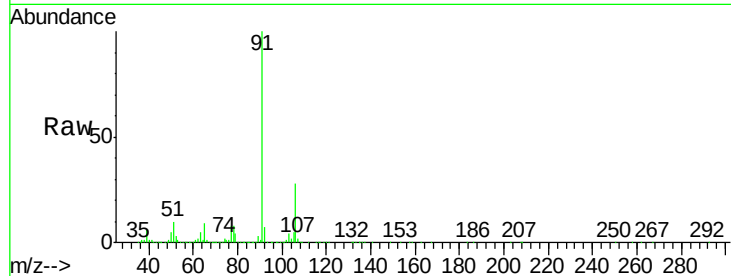
Ion Ratio Lower Upper

91 100

106 28.1 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#68

m/p-Xylenes

Concen: 35.445 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018378.D

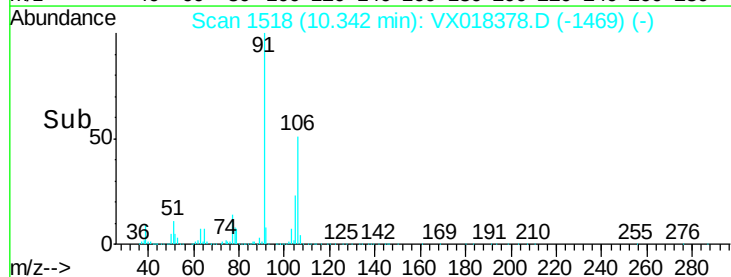
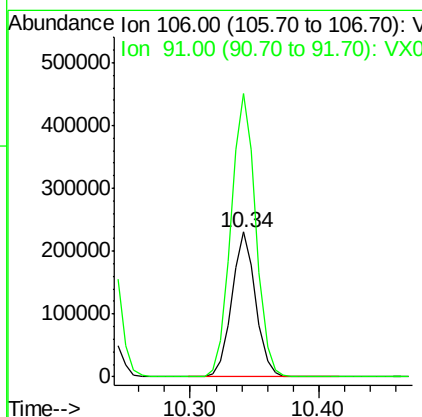
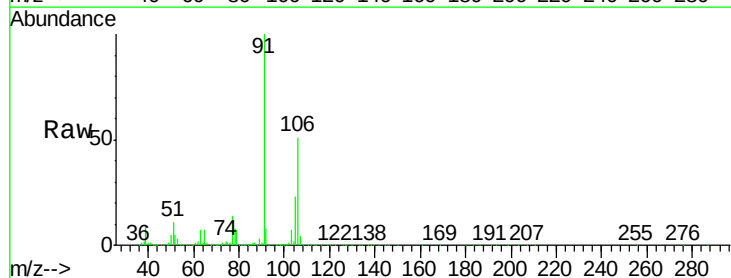
Acq: 14 Sep 2020 12:19

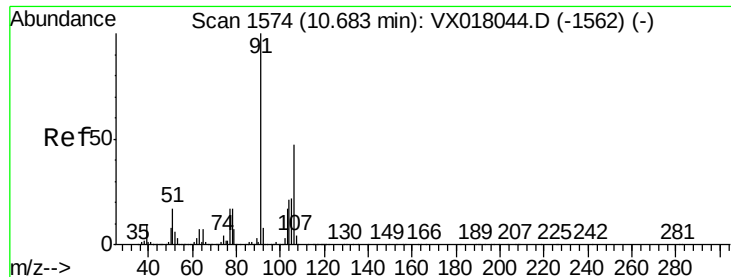
Tgt Ion: 106 Resp: 296991

Ion Ratio Lower Upper

106 100

91 203.2 162.2 243.2





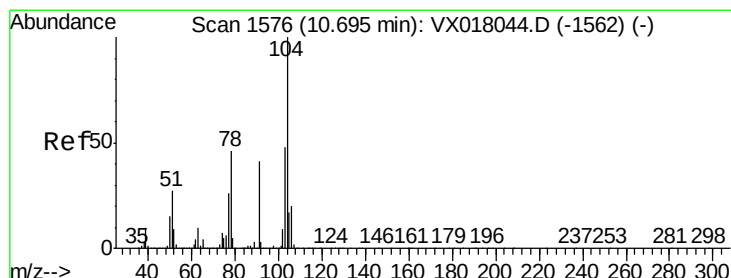
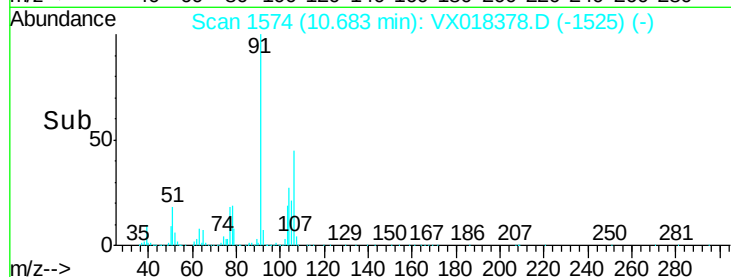
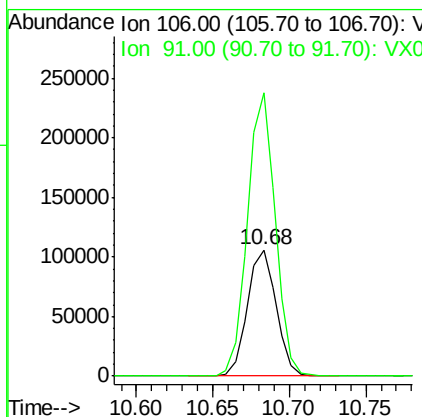
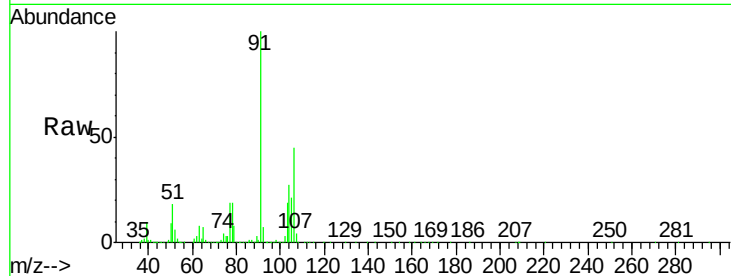
#69
o-Xylene
Concen: 17.111 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.4	107.1	321.3

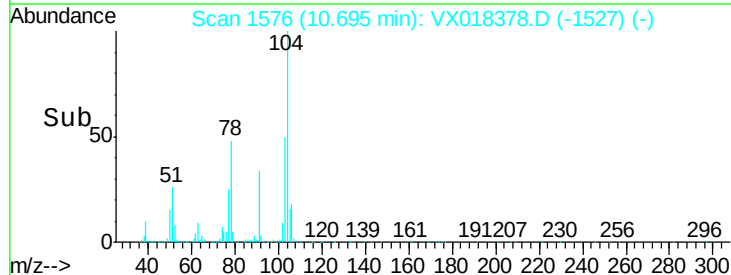
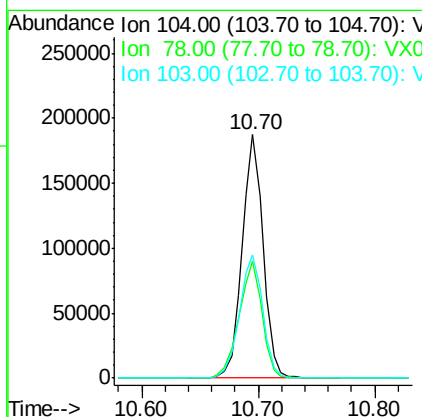
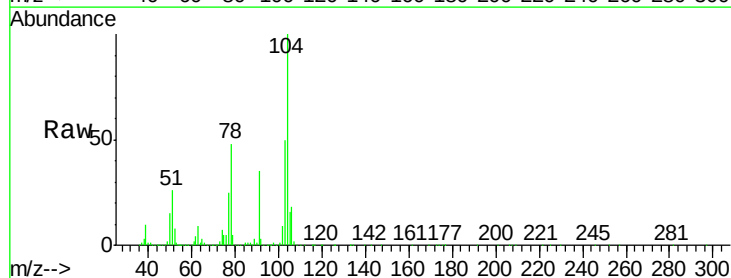
Manual Integrations
APPROVED

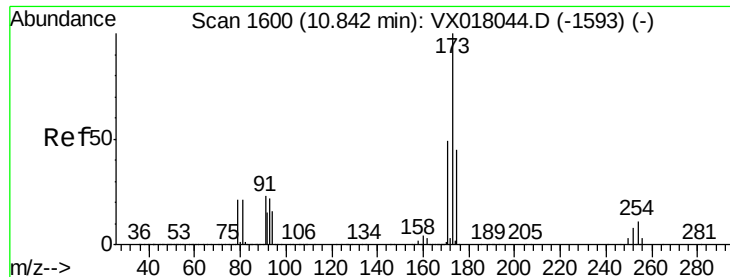
MMDadoda
9/15/2020 2:29:03 PM



#70
Styrene
Concen: 16.990 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.2	40.9	61.3
103	56.2	43.6	65.4





#71

Bromoform

Concen: 17.554 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

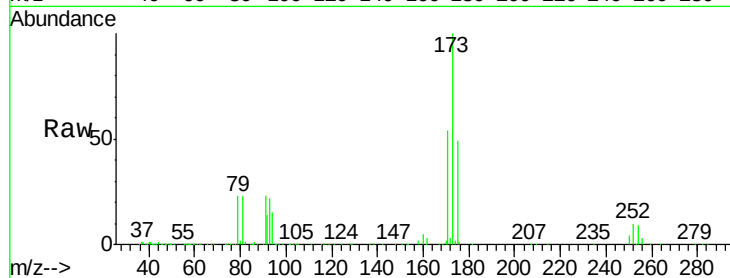
ClientSampleId :

VX0914WBS02

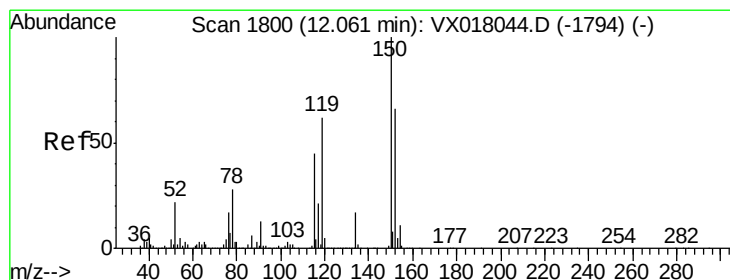
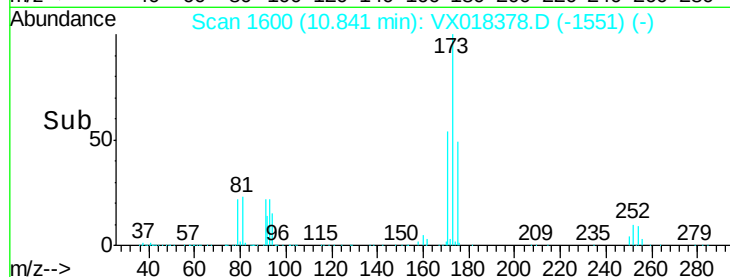
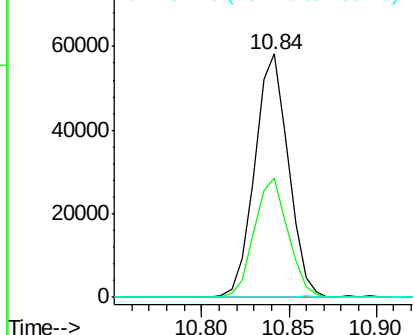
Tot Ion:	173	Resp:	77901
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.9	71.8
254	0.1	0.2	0.2#

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



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

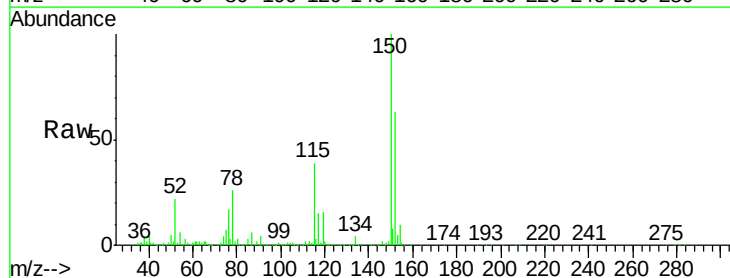
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

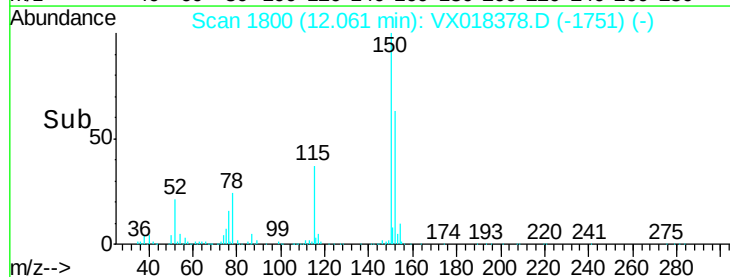
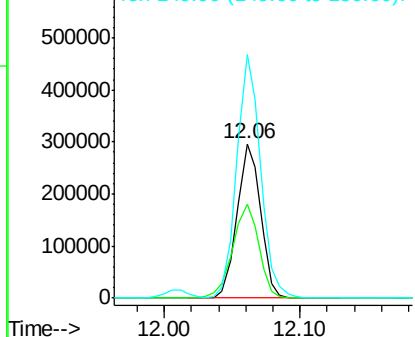
Lab File: VX018378.D

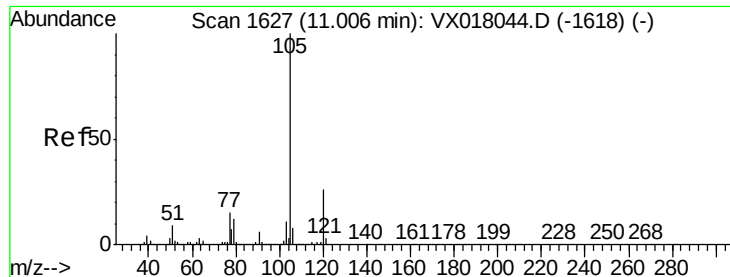
Acq: 14 Sep 2020 12:19

Tgt Ion:	152	Resp:	355039
Ion Ratio	Lower	Upper	
152	100		
115	67.6	41.5	124.5
150	160.4	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: 16.795 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 105 Resp: 393325

Ion Ratio Lower Upper

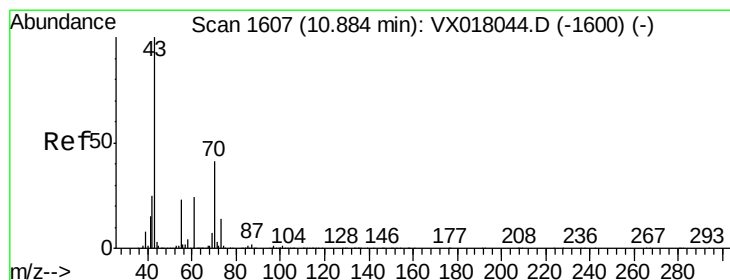
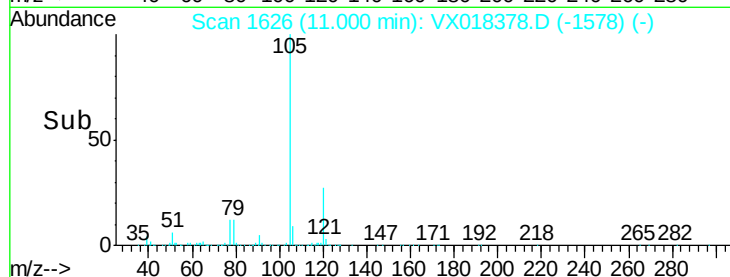
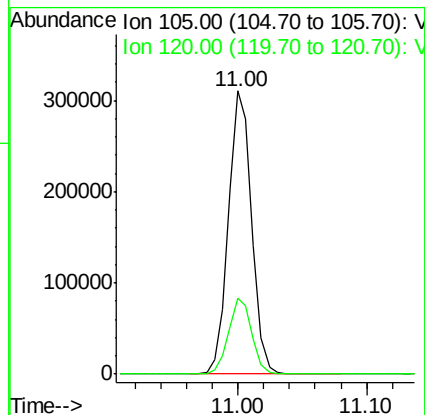
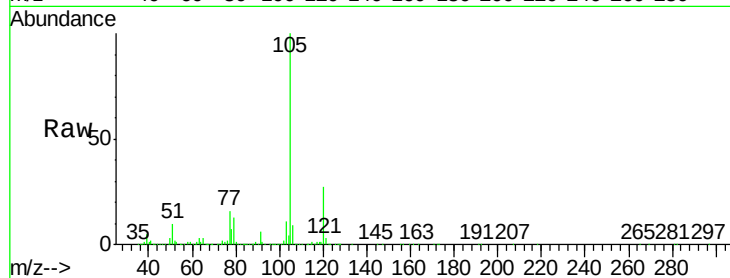
105 100

120 26.7 13.2 39.5

Manual Integrations
APPROVED

MMDadoda

9/15/2020 2:29:03 PM



#74

N-ethyl acetate

Concen: 14.281 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion: 43 Resp: 158683

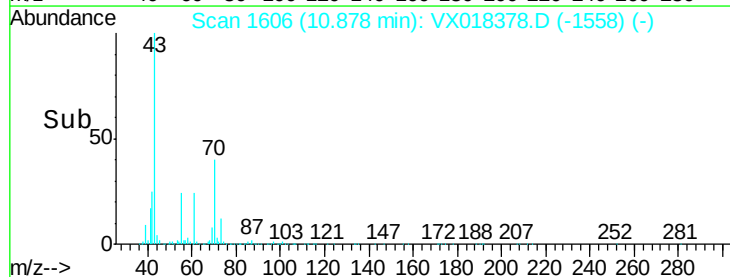
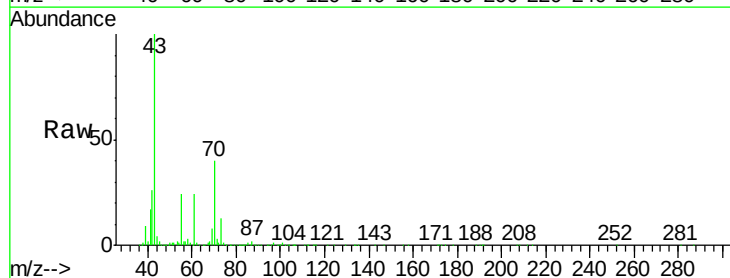
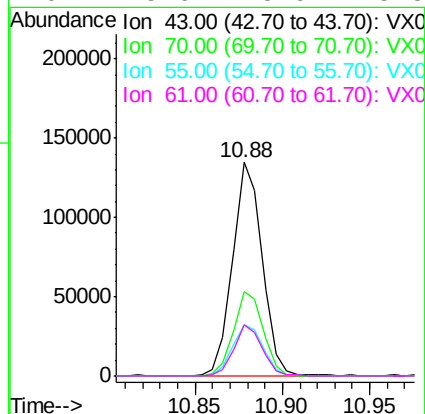
Ion Ratio Lower Upper

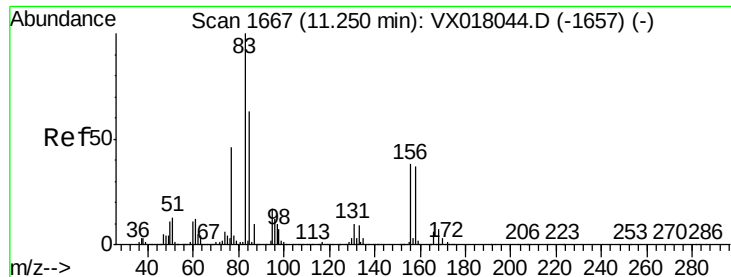
43 100

70 39.9 32.3 48.5

55 25.0 18.2 27.2

61 23.6 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 15.755 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

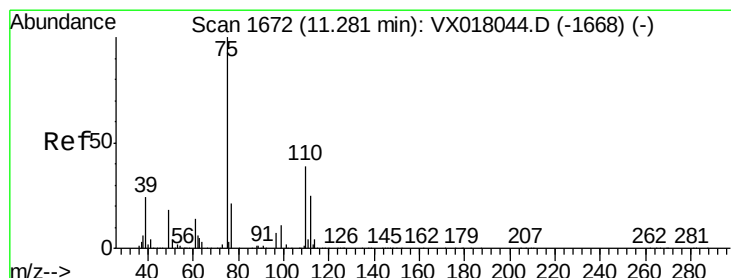
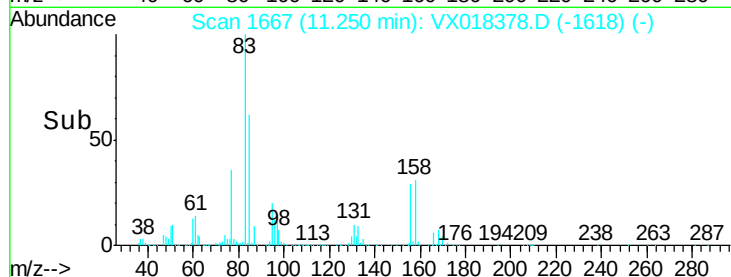
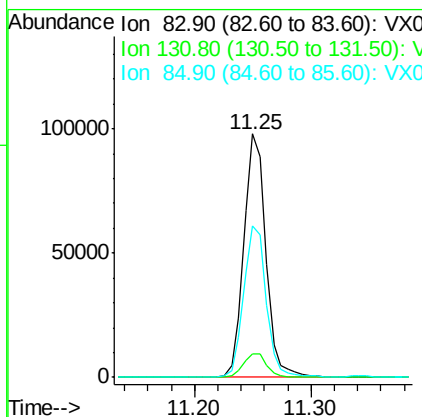
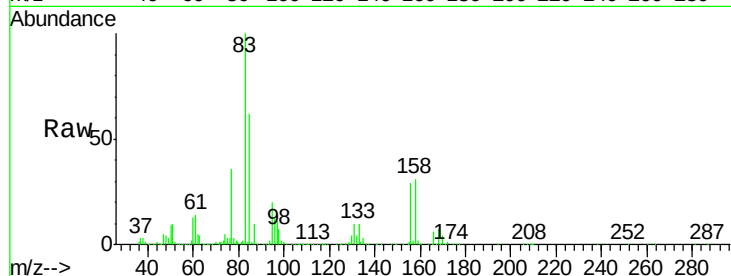
ClientSampleId :

VX0914WBS02

Tot Ion:	83	Resp:	130160
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	63.9	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#76

1,2,3-Trichloropropane

Concen: 15.552 ug/l m

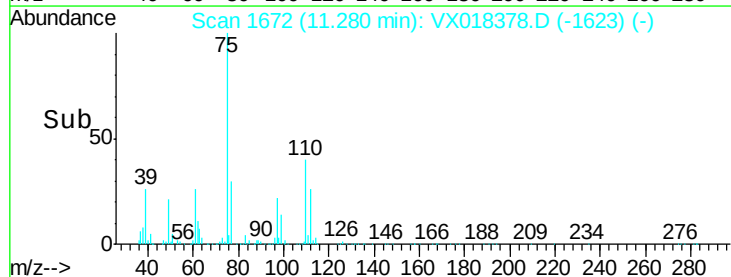
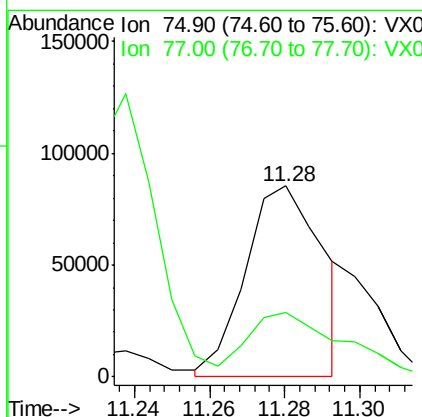
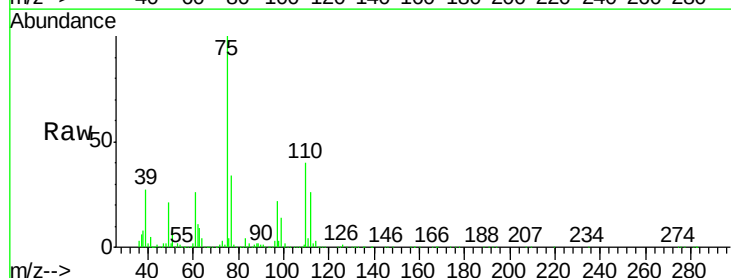
RT: 11.28 min Scan# 1672

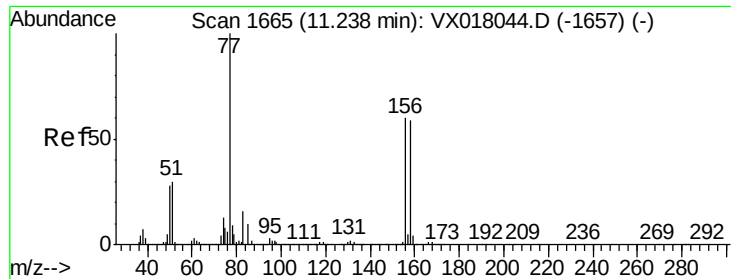
Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion:	75	Resp:	122827
Ion Ratio	Lower	Upper	
75	100		
77	41.6	20.8	62.2





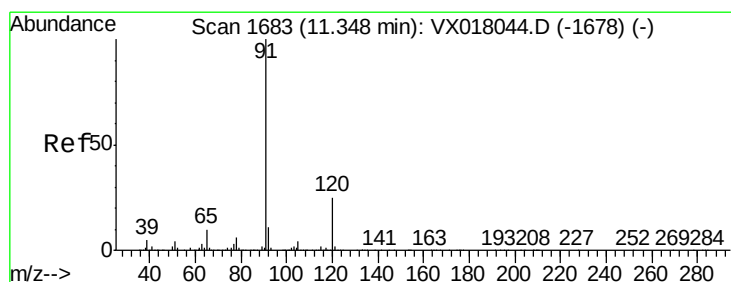
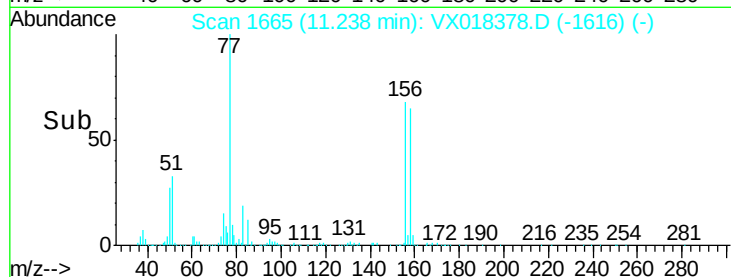
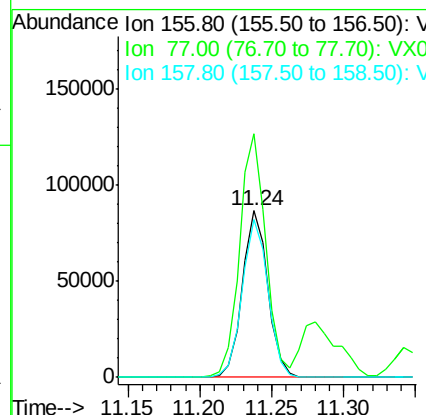
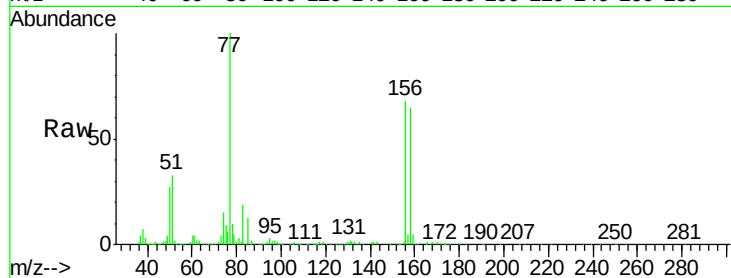
#77
Bromobenzene
Concen: 16.417 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
156	100		
77	150.7	80.0	240.2
158	96.4	49.5	148.7

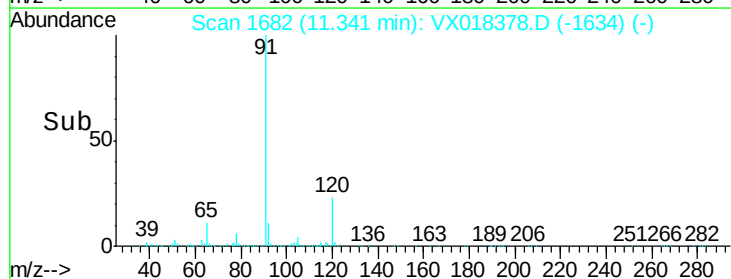
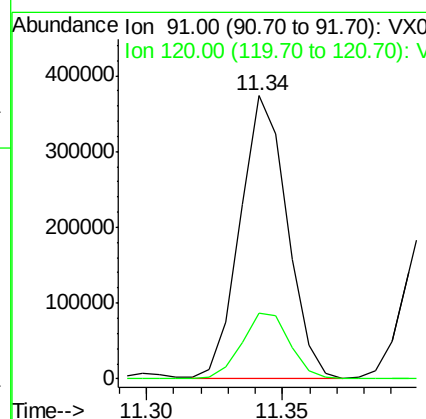
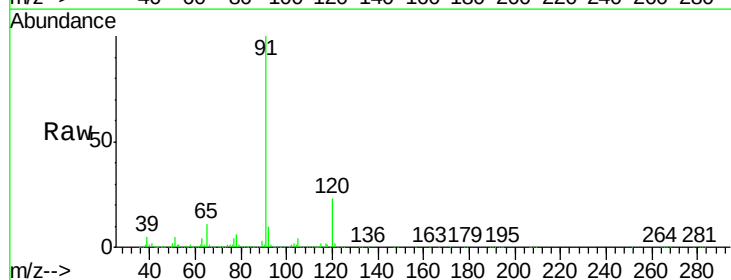
Manual Integrations
APPROVED

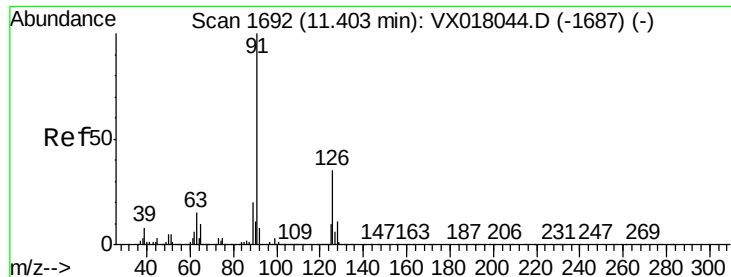
MMDadoda
9/15/2020 2:29:03 PM



#78
n-propylbenzene
Concen: 16.680 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.3	11.9	35.9





#79

2-Chlorotoluene

Concen: 16.610 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

VX0914WBS02

Tot Ion: 91 Resp: 272876

Ion Ratio Lower Upper

91 100

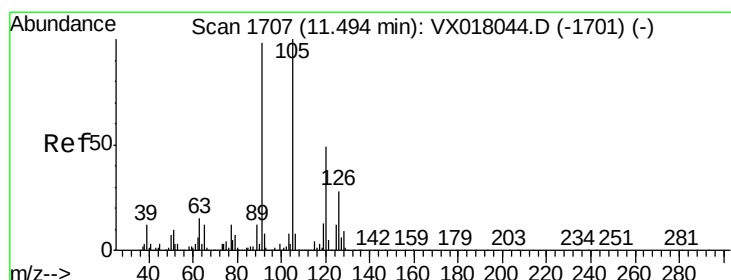
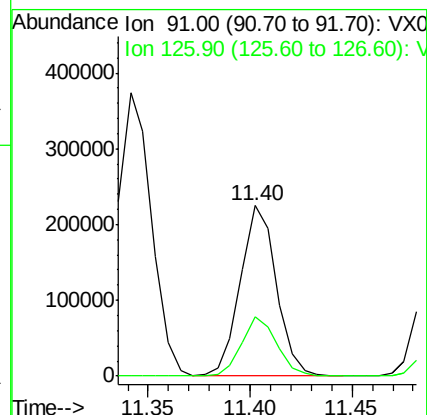
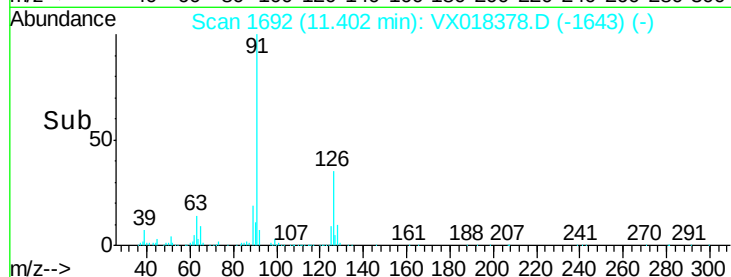
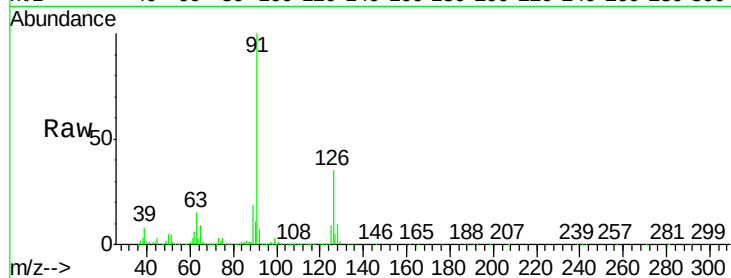
126 34.7 17.4 52.2

Manual Integrations

APPROVED

MMDadoda

9/15/2020 2:29:03 PM



#80

1,3,5-Trimethylbenzene

Concen: 17.413 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018378.D

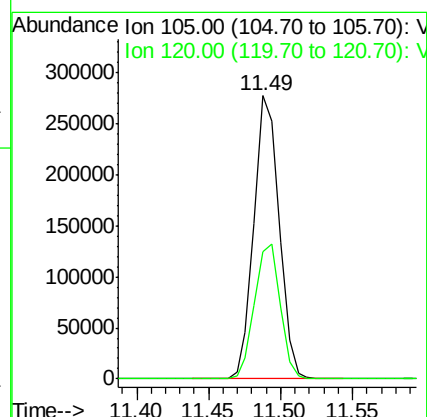
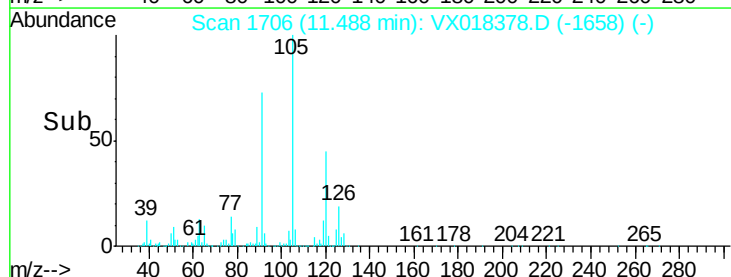
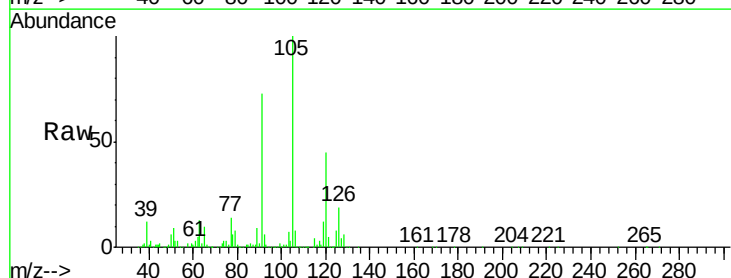
Acq: 14 Sep 2020 12:19

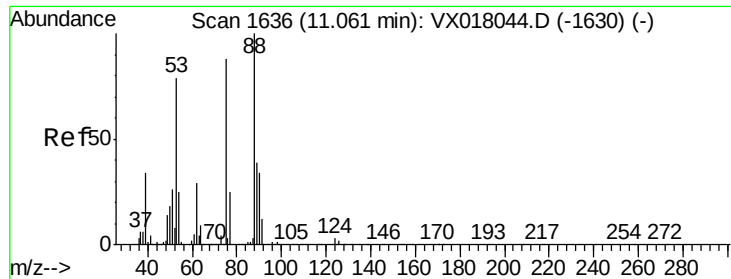
Tgt Ion: 105 Resp: 335103

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





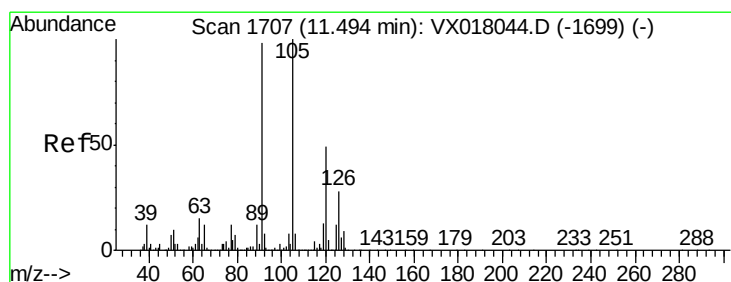
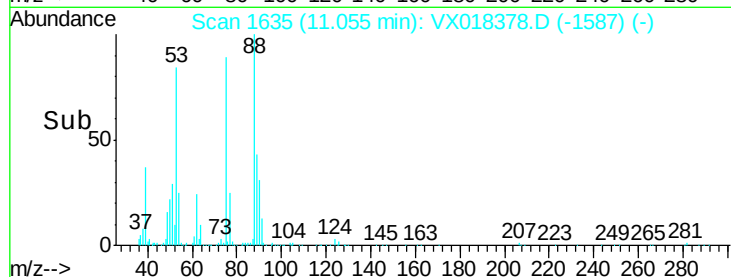
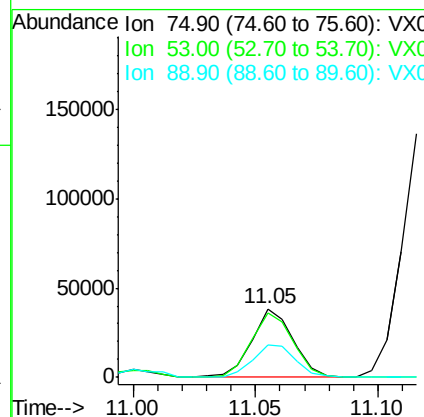
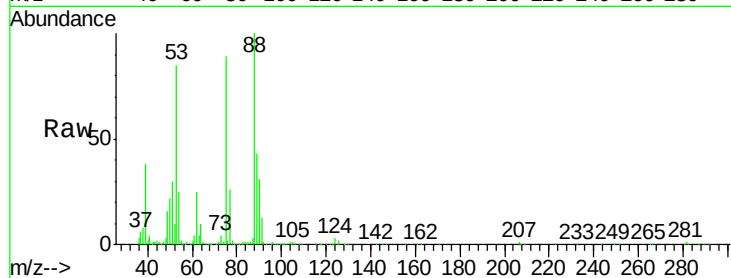
#81
trans-1,4-Dichloro-2-butene
Concen: 15.368 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.6	74.7	112.1
89	51.5	36.6	54.8

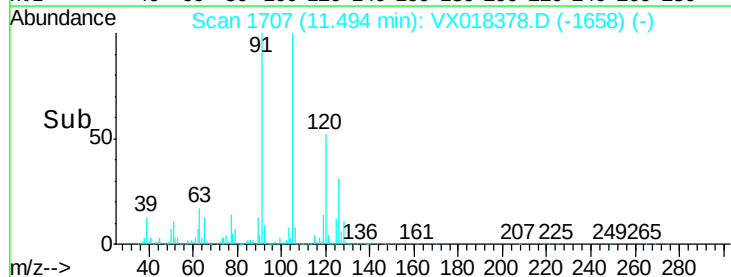
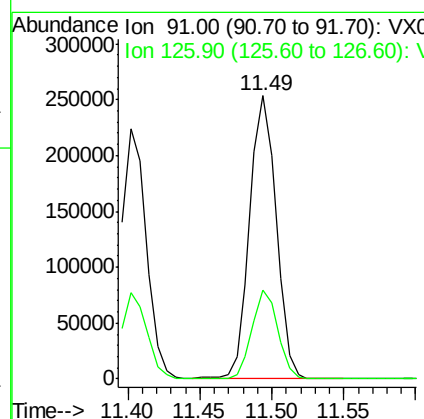
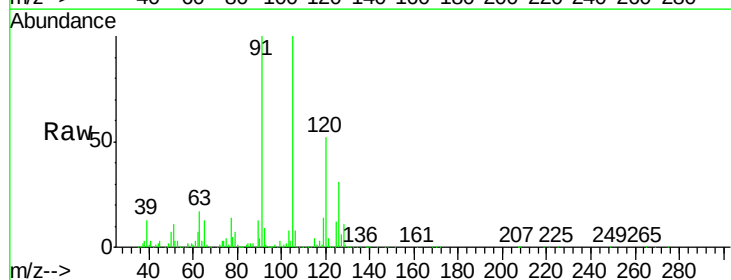
Manual Integrations
APPROVED

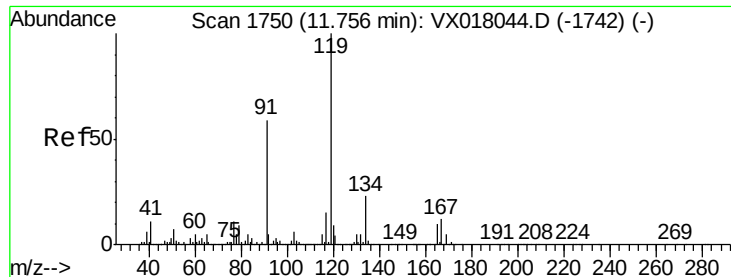
MMDadoda
9/15/2020 2:29:03 PM



#82
4-Chlorotoluene
Concen: 16.508 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	15.1	45.3





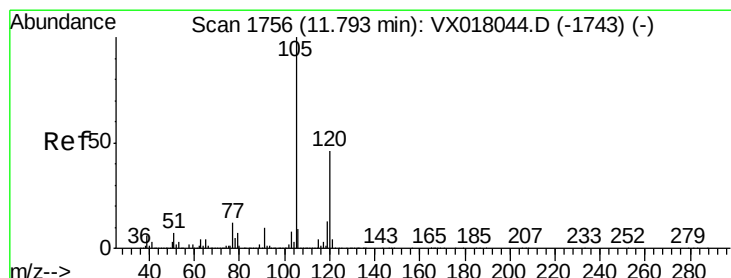
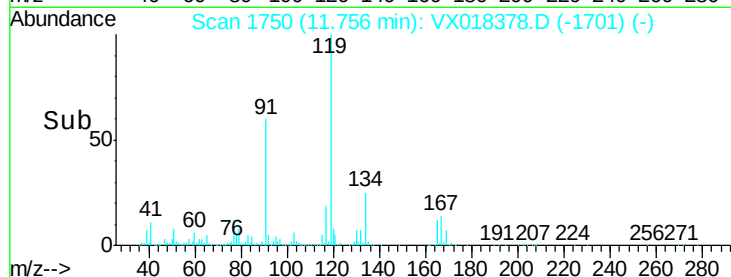
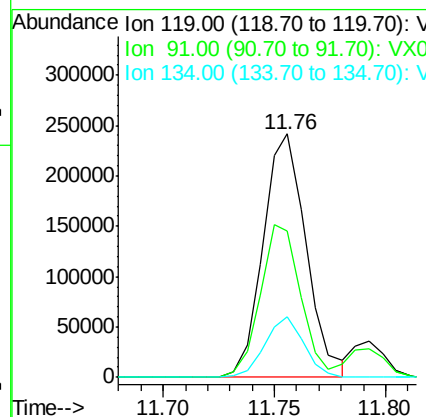
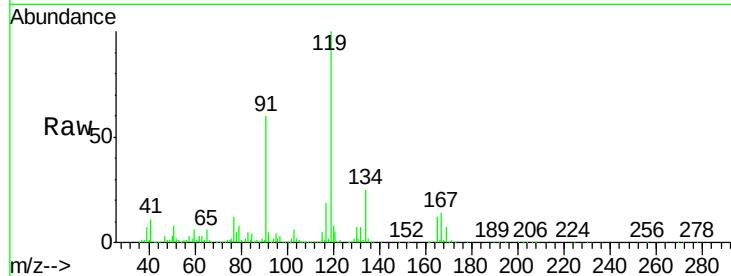
#83
 tert-Butylbenzene
 Concen: 17.114 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	325020		
91	58.8	28.2	84.7	
134	22.6	11.3	33.8	

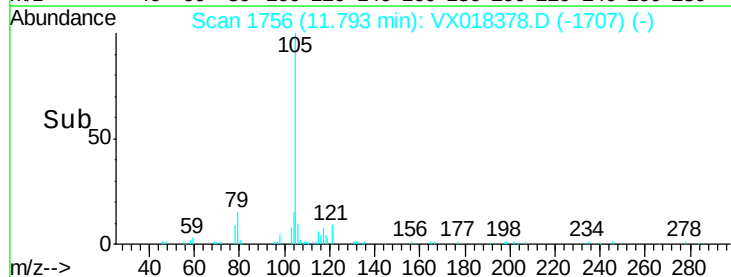
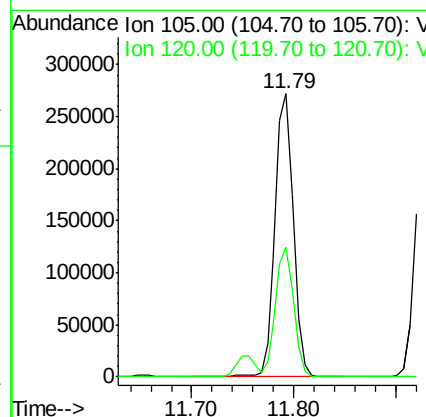
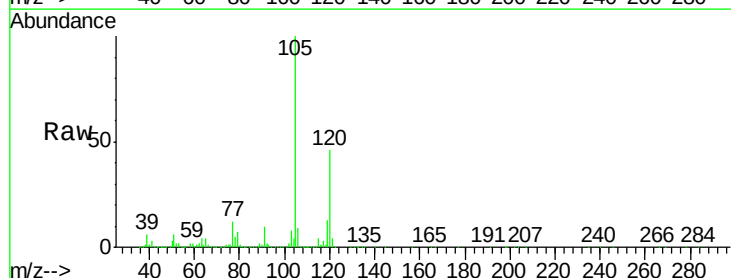
Manual Integrations
 APPROVED

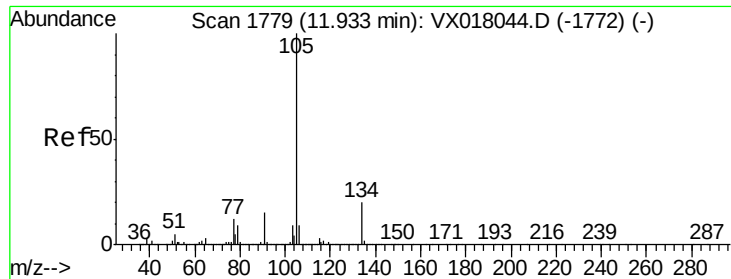
MMDadoda
 9/15/2020 2:29:03 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 17.172 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	337872		
120	45.4	22.3	66.9	





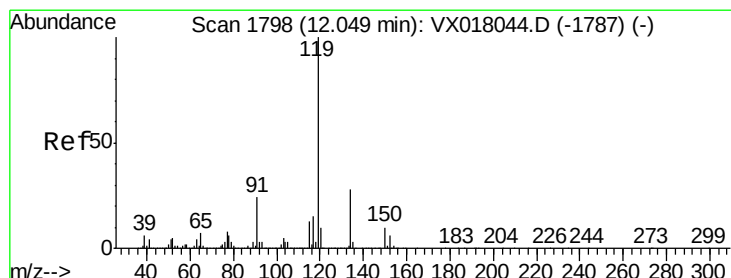
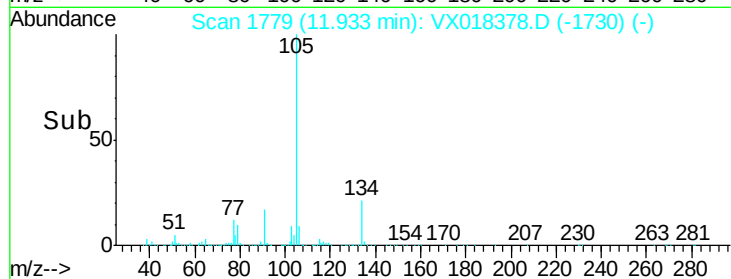
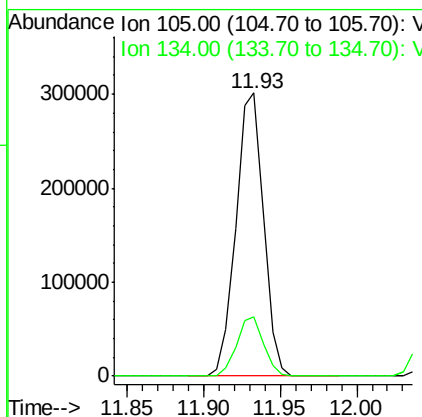
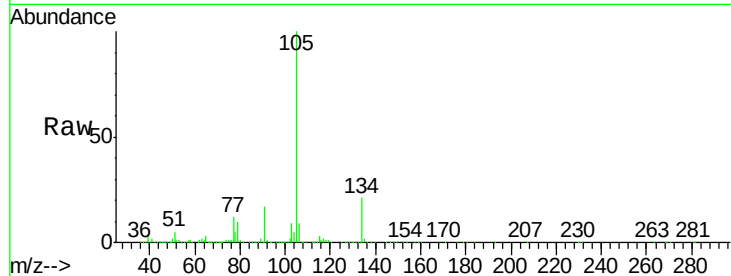
#85
 sec-Butylbenzene
 Concen: 17.380 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.1	30.3

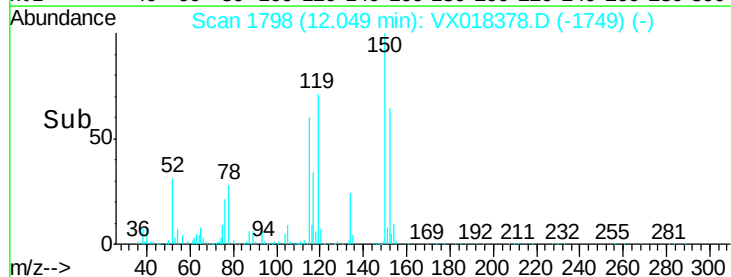
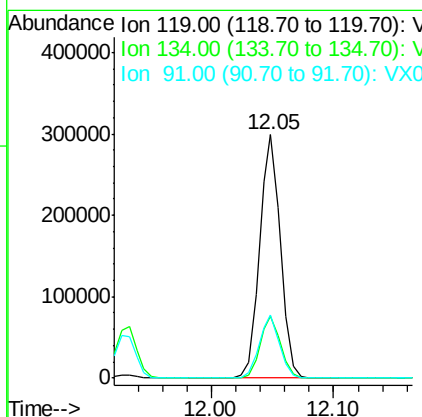
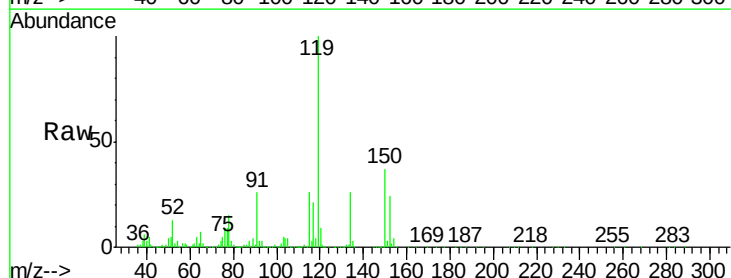
Manual Integrations
 APPROVED

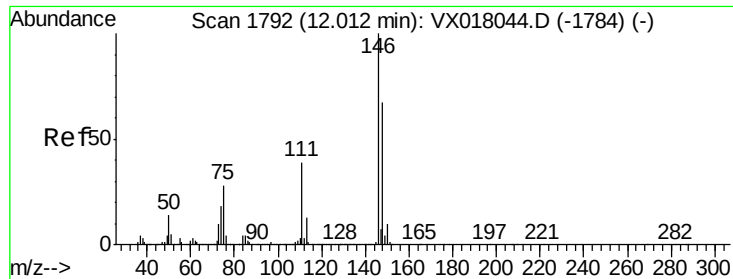
MMDadoda
 9/15/2020 2:29:03 PM



#86
 p-Isopropyltoluene
 Concen: 17.868 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.3	13.2	39.5
91	25.1	11.8	35.4





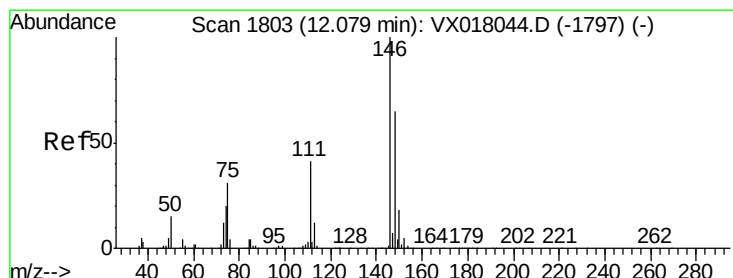
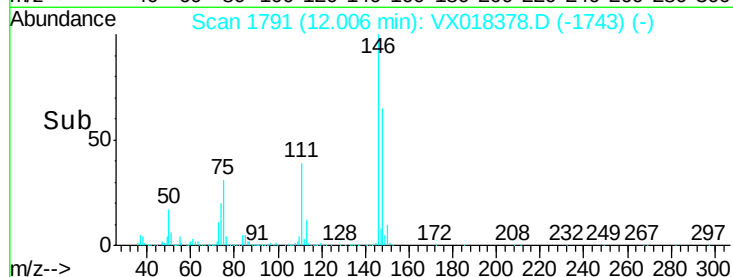
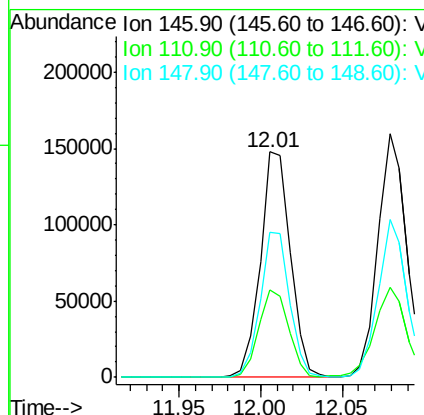
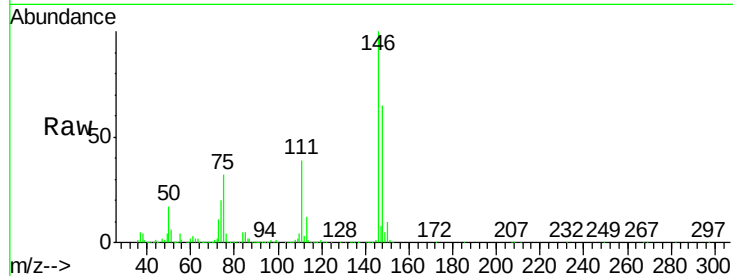
#87
 1,3-Dichlorobenzene
 Concen: 16.699 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.6	61.8
148	63.2	33.1	99.2

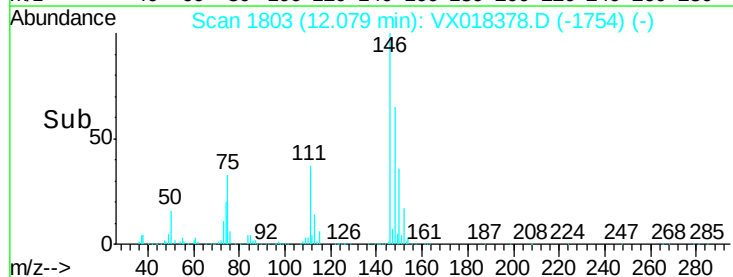
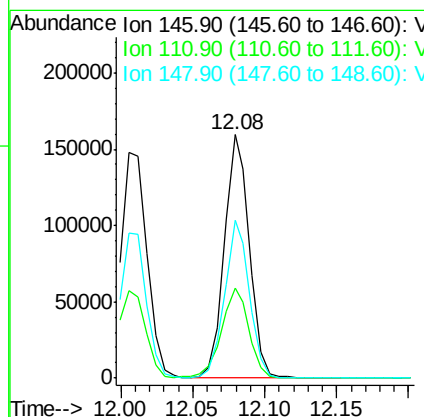
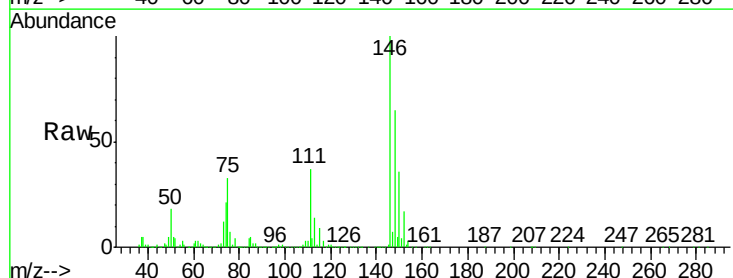
Manual Integrations
 APPROVED

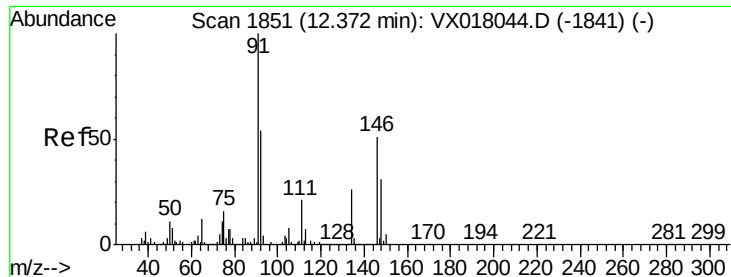
MMDadoda
 9/15/2020 2:29:03 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.053 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.8
148	64.7	33.1	99.2





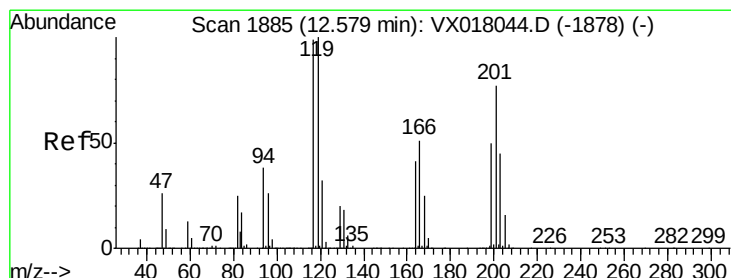
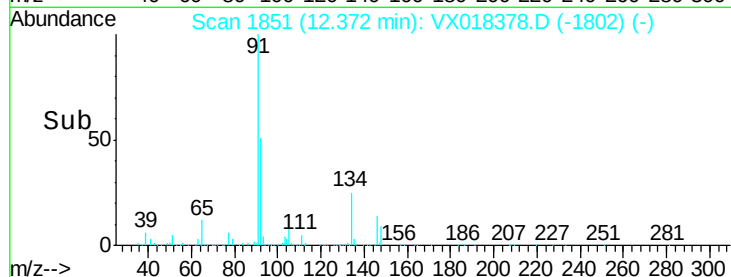
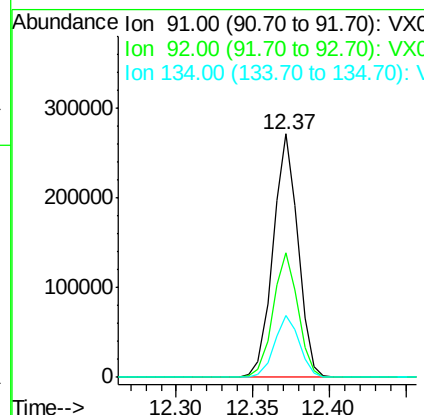
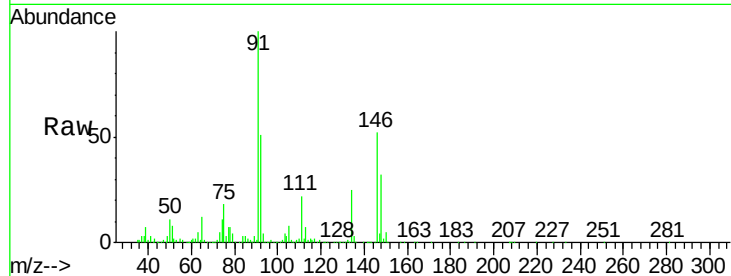
#89
n-Butylbenzene
Concen: 17.080 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
91	100	309275		
92	51.5	26.4	79.2	
134	25.4	12.9	38.7	

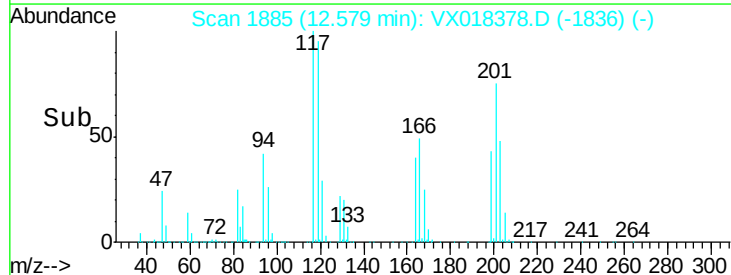
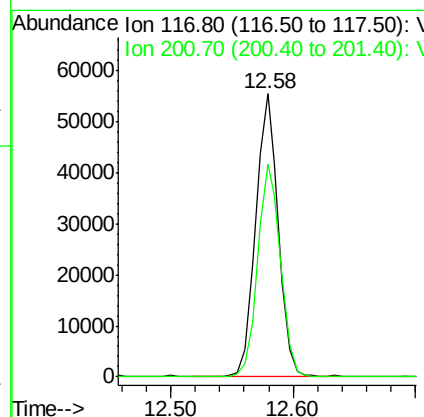
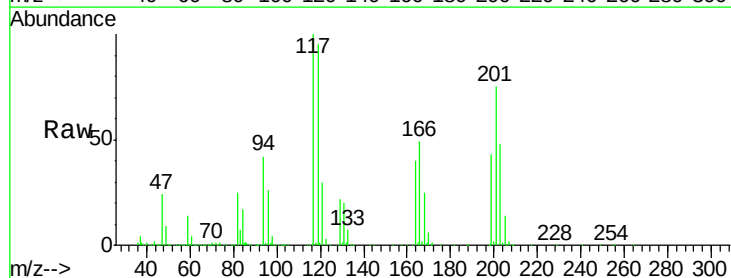
Manual Integrations
APPROVED

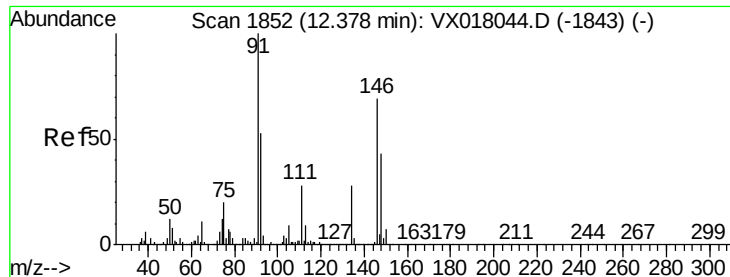
MMDadoda
9/15/2020 2:29:03 PM



#90
Hexachloroethane
Concen: 18.394 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	71793		
201	75.8	38.5	115.3	





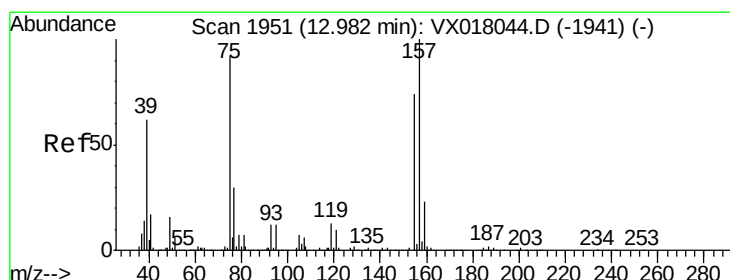
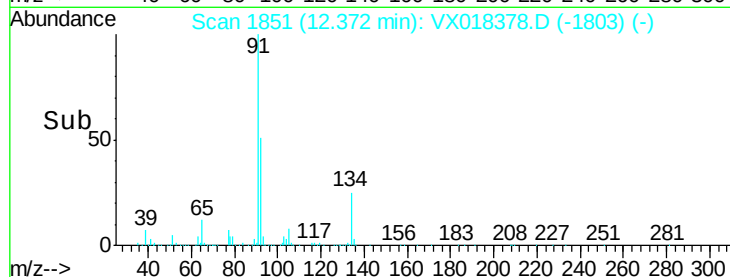
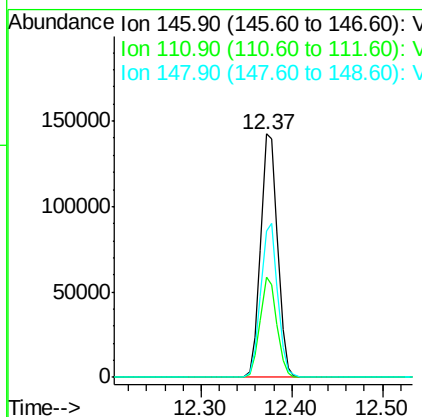
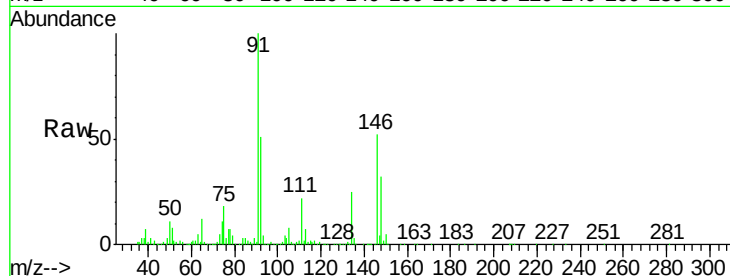
#91
 1,2-Dichlorobenzene
 Concen: 17.332 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampled :
 VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	185423		
111	40.5	20.8	62.5	
148	62.9	31.6	95.0	

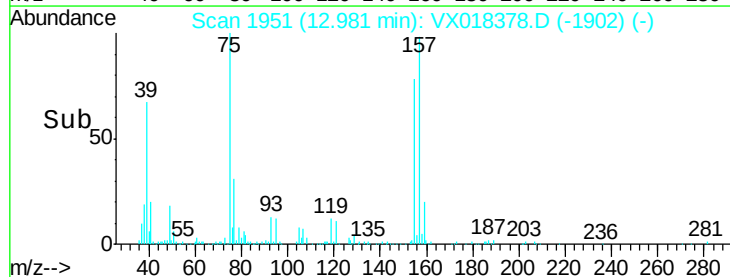
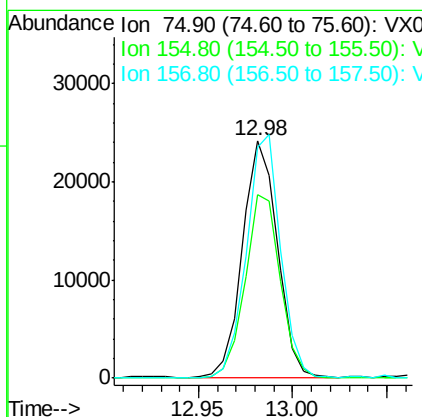
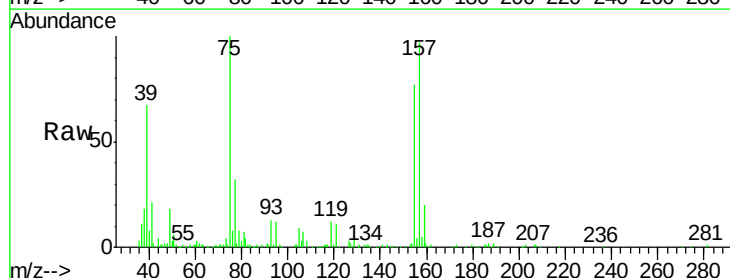
Manual Integrations
 APPROVED

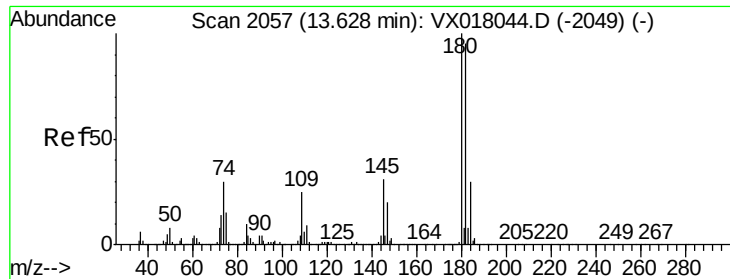
MMDadoda
 9/15/2020 2:29:03 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.979 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	30941		
155	78.3	40.2	120.6	
157	100.9	55.0	165.2	





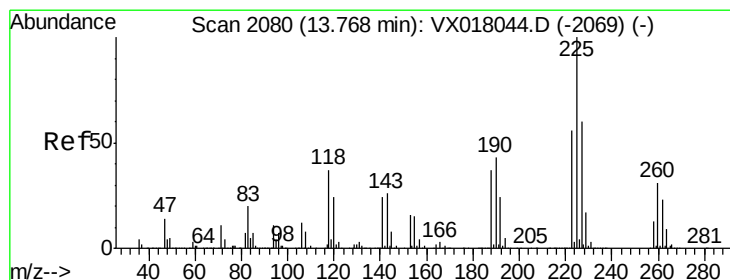
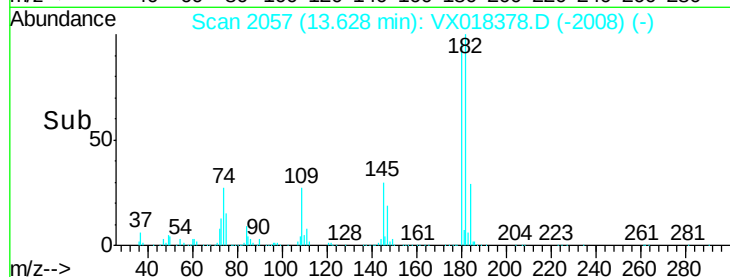
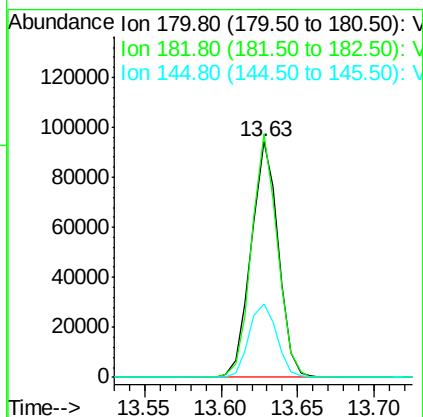
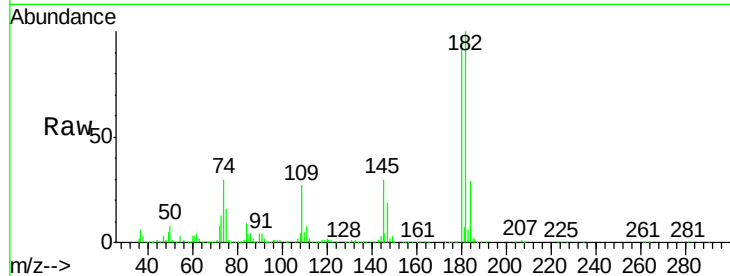
#93
 1,2,4-Trichlorobenzene
 Concen: 16.383 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	116878		
182	97.5	47.5	142.6	
145	31.8	15.7	47.1	

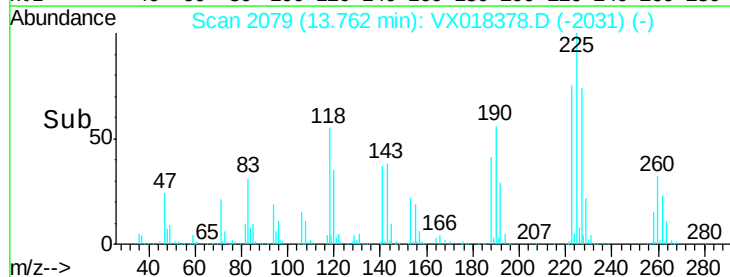
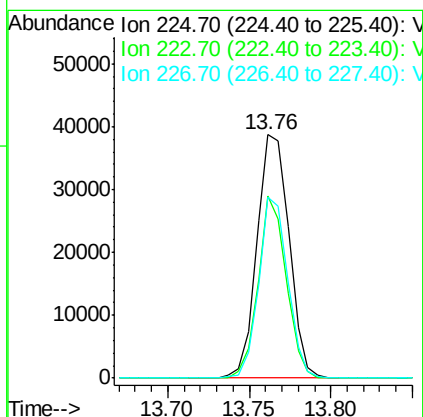
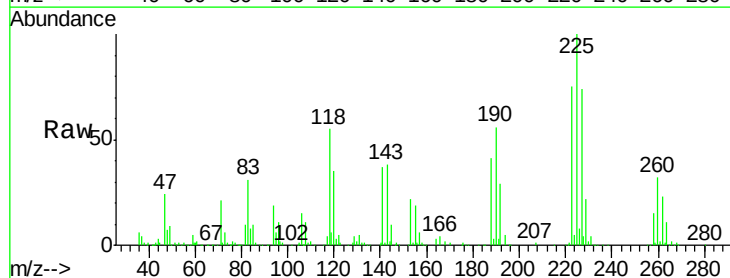
Manual Integrations
 APPROVED

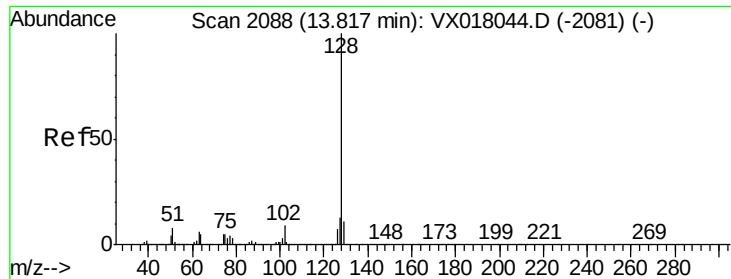
MMDadoda
 9/15/2020 2:29:03 PM



#94
 Hexachlorobutadiene
 Concen: 18.865 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	53085		
223	65.6	30.7	92.1	
227	67.3	32.6	97.8	





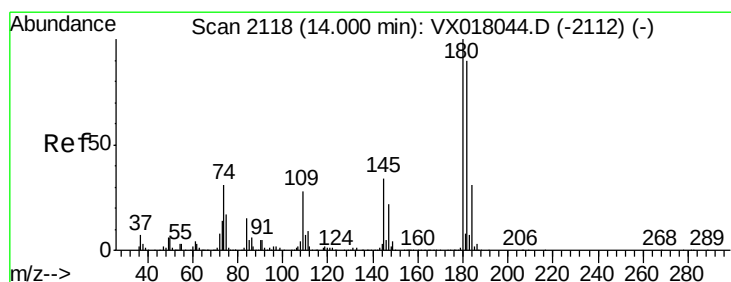
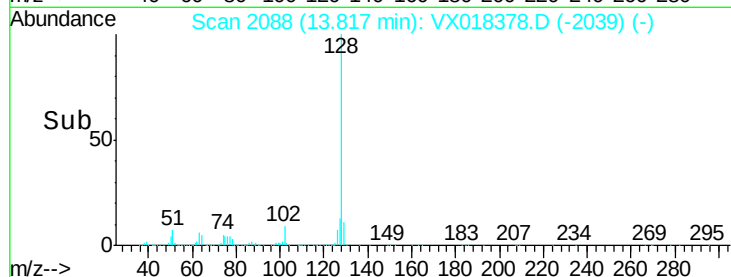
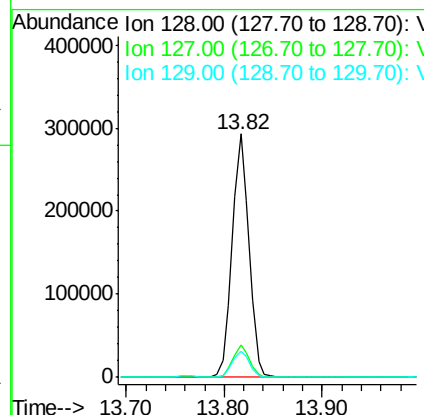
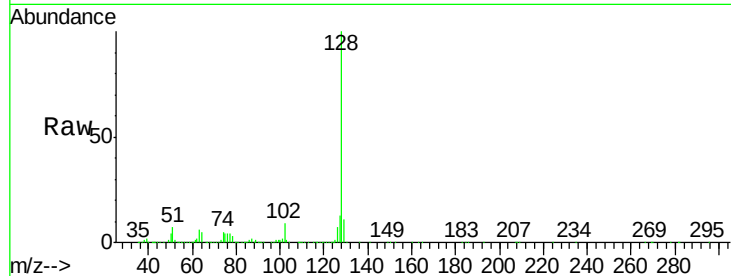
#95
Naphthalene
Concen: 14.893 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :
VX0914WBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	349679		
127	13.2	10.2	15.2	
129	11.1	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
9/15/2020 2:29:03 PM



#96
1,2,3-Trichlorobenzene
Concen: 16.487 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	116218		
182	94.4	47.3	142.0	
145	34.1	17.5	52.6	

