

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015087.D
 Acq On : 04 Mar 2020 15:01
 Operator : JC/SP
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 3:53:48 PM

Quant Time: Mar 05 07:53:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	399010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	598204	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	554769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	280477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	230946	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
35) Dibromofluoromethane	5.48	113	188784	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	8.71	98	726030	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
62) 4-Bromofluorobenzene	11.13	95	255773	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	67259	19.250	ug/l	100
3) Chloromethane	1.32	50	93868	18.966	ug/l	99
4) Vinyl Chloride	1.40	62	95653	19.060	ug/l	98
5) Bromomethane	1.64	94	61600	19.965	ug/l	95
6) Chloroethane	1.72	64	59566	19.786	ug/l	98
7) Trichlorofluoromethane	1.92	101	115103	19.275	ug/l	99
8) Diethyl Ether	2.18	74	53479	19.772	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72853	19.391	ug/l	98
10) Methyl Iodide	2.50	142	69134	16.287	ug/l	99
11) Tert butyl alcohol	3.03	59	80822	98.407	ug/l	96
12) 1,1-Dichloroethene	2.36	96	75668	19.515	ug/l	99
13) Acrolein	2.28	56	65266	84.560	ug/l	99
14) Allyl chloride	2.72	41	125140	18.509	ug/l	97
15) Acrylonitrile	3.13	53	198827	97.208	ug/l	99
16) Acetone	2.44	43	175297	91.440	ug/l	98
17) Carbon Disulfide	2.56	76	200076	18.580	ug/l	99
18) Methyl Acetate	2.76	43	87000	18.560	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	238992	19.724	ug/l	100
20) Methylene Chloride	2.84	84	81470	18.159	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	79370	19.170	ug/l	99
22) Diisopropyl ether	3.84	45	260618	19.348	ug/l	96
23) Vinyl Acetate	3.80	43	1107846	100.053	ug/l	99
24) 1,1-Dichloroethane	3.69	63	141277	18.897	ug/l	99
25) 2-Butanone	4.66	43	274133	97.675	ug/l	97
26) 2,2-Dichloropropane	4.58	77	109819	18.504	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	87463	18.830	ug/l	98
28) Bromochloromethane	5.00	49	68132	20.014	ug/l	97
29) Tetrahydrofuran	5.11	42	177704	98.224	ug/l	98
30) Chloroform	5.20	83	140775	19.320	ug/l	97
31) Cyclohexane	5.57	56	129462	19.414	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	117095	19.386	ug/l	99
36) 1,1-Dichloropropene	5.79	75	107719	19.479	ug/l	99
37) Ethyl Acetate	4.82	43	106371	20.736	ug/l	97
38) Carbon Tetrachloride	5.77	117	101245	19.396	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015087.D
 Acq On : 04 Mar 2020 15:01
 Operator : JC/SP
 Sample : VX0304WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0304WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 3:53:48 PM

Quant Time: Mar 05 07:53:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	127933	19.812	ug/l	99
40) Benzene	6.13	78	321753	19.610	ug/l	98
41) Methacrylonitrile	5.03	41	59225	19.221	ug/l	99
42) 1,2-Dichloroethane	6.18	62	117476	20.850	ug/l	98
43) Isopropyl Acetate	6.43	43	180587	20.011	ug/l	100
44) Trichloroethene	7.20	130	87382	19.124	ug/l	93
45) 1,2-Dichloropropane	7.51	63	82985	19.540	ug/l	100
46) Dibromomethane	7.65	93	53800	19.442	ug/l	98
47) Bromodichloromethane	7.89	83	108219	19.776	ug/l	99
48) Methyl methacrylate	7.76	41	88459	19.259	ug/l	99
49) 1,4-Dioxane	7.74	88	40533	408.160	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	547976	102.700	ug/l	100
52) Toluene	8.78	92	200960	20.032	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	116521	20.006	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	128824	19.564	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	81010	19.619	ug/l	97
56) Ethyl methacrylate	9.17	69	119759	20.334	ug/l	100
57) 1,3-Dichloropropane	9.36	76	139060	20.018	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	314234	97.937	ug/l	100
59) 2-Hexanone	9.48	43	406461	102.778	ug/l	99
60) Dibromochloromethane	9.57	129	85846	19.792	ug/l	99
61) 1,2-Dibromoethane	9.67	107	84508	19.485	ug/l	97
64) Tetrachloroethene	9.33	164	89196	19.446	ug/l	98
65) Chlorobenzene	10.13	112	217690	19.545	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	78662	18.730	ug/l	98
67) Ethyl Benzene	10.25	91	379974	20.091	ug/l	100
68) m/p-Xylenes	10.35	106	290485	40.369	ug/l	100
69) o-Xylene	10.70	106	139117	20.193	ug/l	99
70) Styrene	10.71	104	233457	19.763	ug/l	100
71) Bromoform	10.85	173	62797	19.282	ug/l #	98
73) Isopropylbenzene	11.01	105	375472	20.956	ug/l	99
74) N-amyl acetate	10.89	43	149938	19.857	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	117470	19.673	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	112179m	20.051	ug/l	
77) Bromobenzene	11.25	156	96144	19.255	ug/l	98
78) n-propylbenzene	11.35	91	421981	20.615	ug/l	100
79) 2-Chlorotoluene	11.42	91	250332	20.478	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	307355	20.607	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	36844	18.690	ug/l	95
82) 4-Chlorotoluene	11.51	91	291160	20.160	ug/l	100
83) tert-Butylbenzene	11.76	119	297689	20.641	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	314166	20.967	ug/l	100
85) sec-Butylbenzene	11.94	105	361875	20.786	ug/l	99
86) p-Isopropyltoluene	12.06	119	329860	20.565	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	174501	19.880	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	171429	18.916	ug/l	99
89) n-Butylbenzene	12.39	91	285369	20.003	ug/l	100
90) Hexachloroethane	12.59	117	59224	19.530	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	169054	19.371	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24134	20.184	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030420\
Data File : VX015087.D
Acq On : 04 Mar 2020 15:01
Operator : JC/SP
Sample : VX0304WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

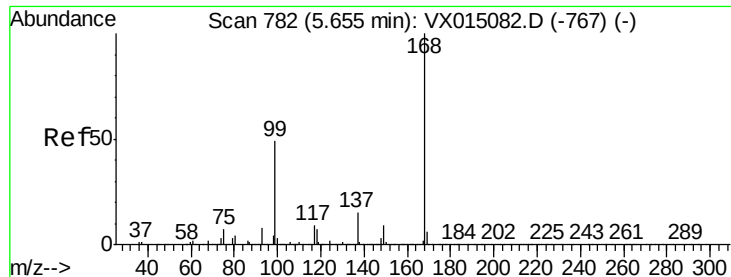
Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM

Quant Time: Mar 05 07:53:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	119517	19.729	ug/l	98
94) Hexachlorobutadiene	13.77	225	58549	18.835	ug/l	96
95) Naphthalene	13.83	128	342851	19.363	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	120668	19.965	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion:168 Resp: 399010

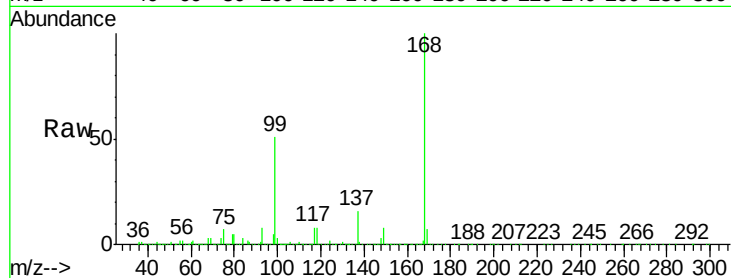
Ion Ratio Lower Upper

168 100

99 50.6 39.4 59.2

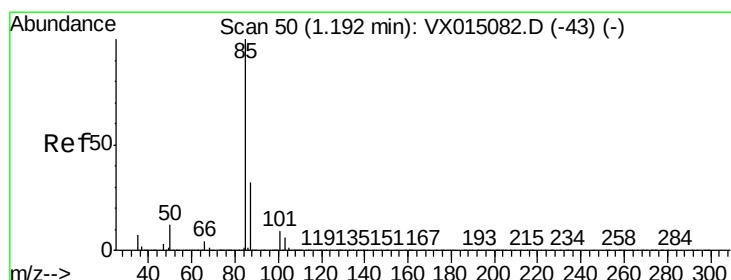
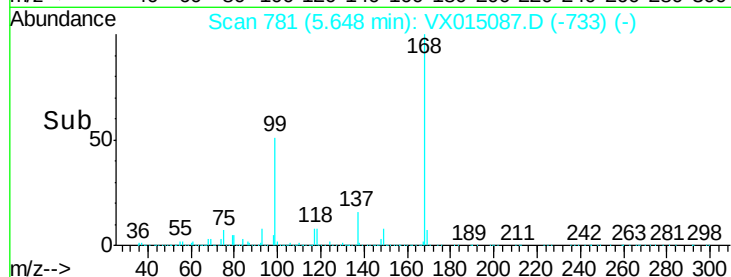
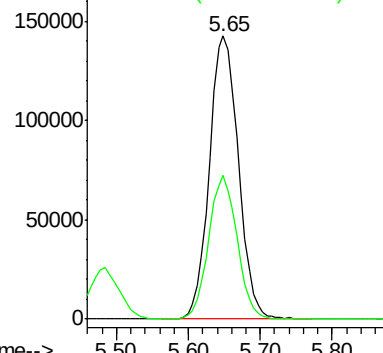
Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.250 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015087.D

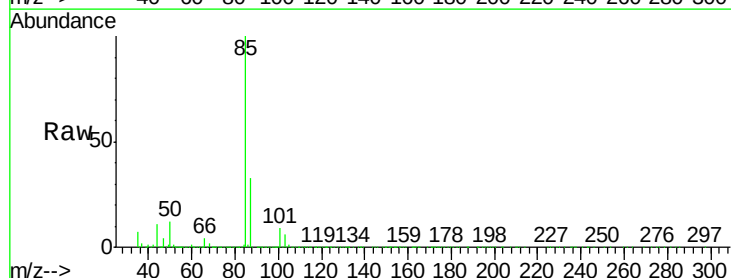
Acq: 04 Mar 2020 15:01

Tgt Ion: 85 Resp: 67259

Ion Ratio Lower Upper

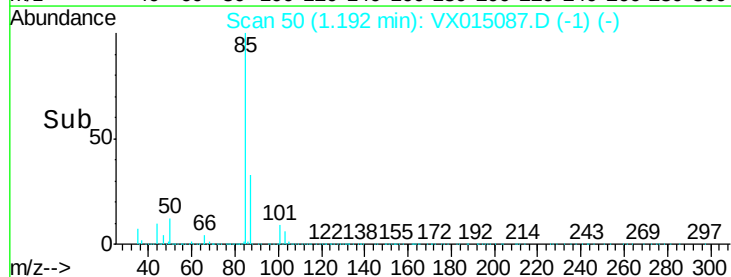
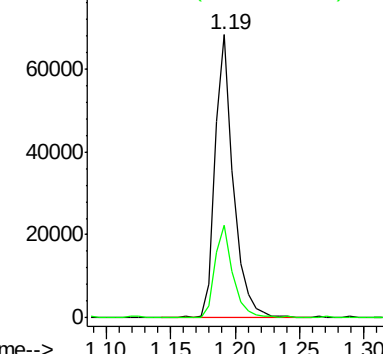
85 100

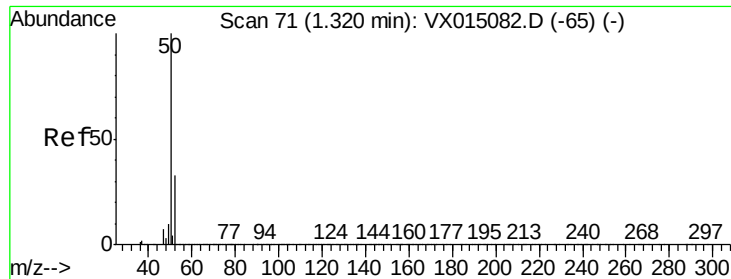
87 32.3 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 18.966 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 50 Resp: 93868

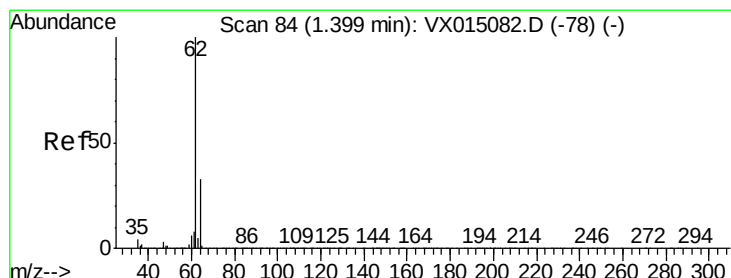
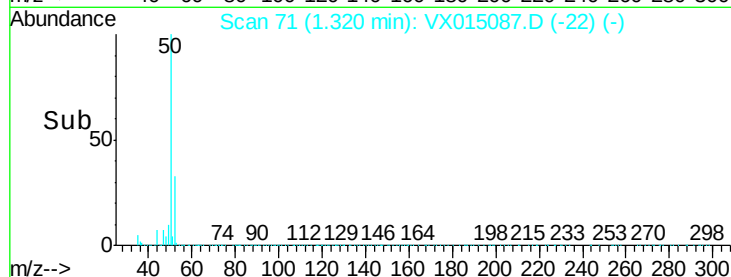
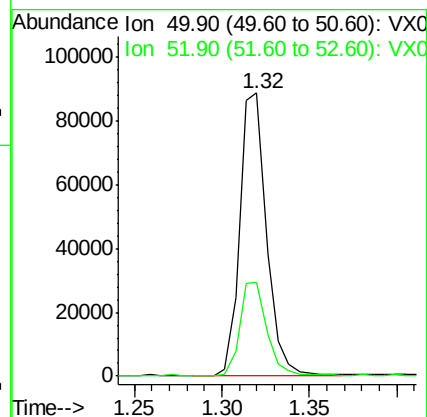
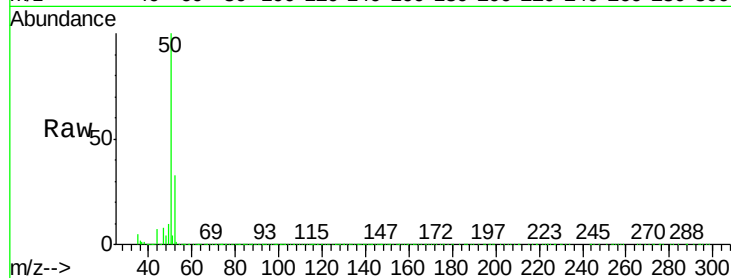
Ion Ratio Lower Upper

50 100

52 33.2 26.2 39.2

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#4

Vinyl Chloride

Concen: 19.060 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015087.D

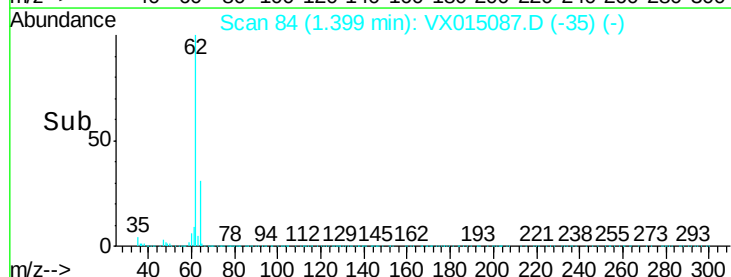
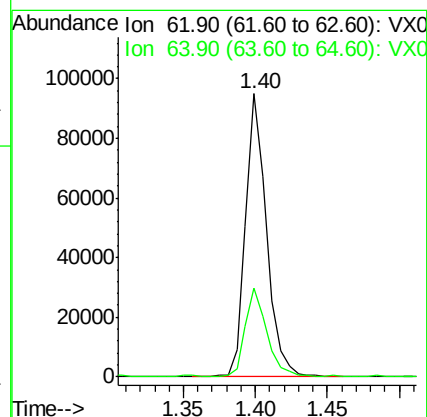
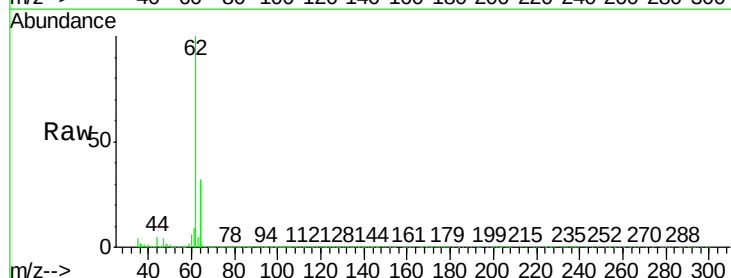
Acq: 04 Mar 2020 15:01

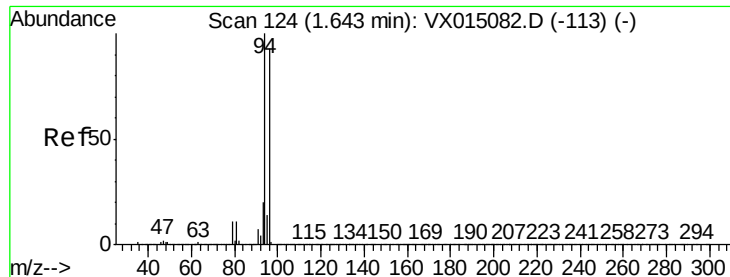
Tgt Ion: 62 Resp: 95653

Ion Ratio Lower Upper

62 100

64 31.4 26.1 39.1





#5

Bromomethane

Concen: 19.965 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 94 Resp: 61600

Ion Ratio Lower Upper

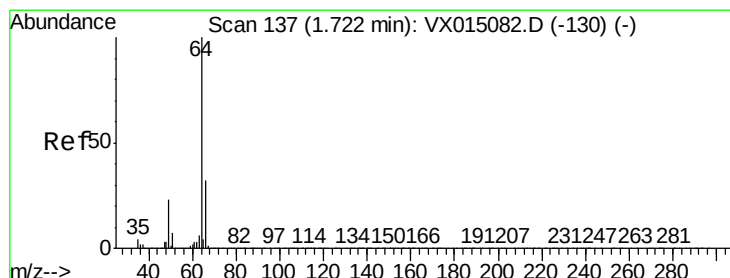
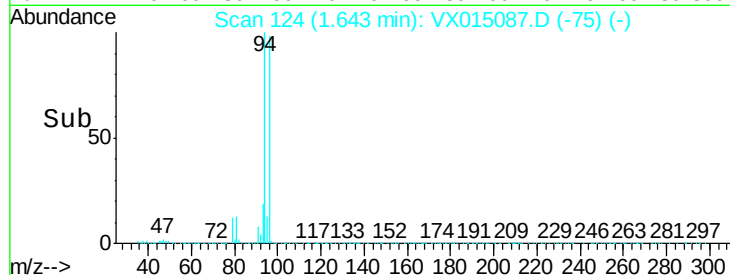
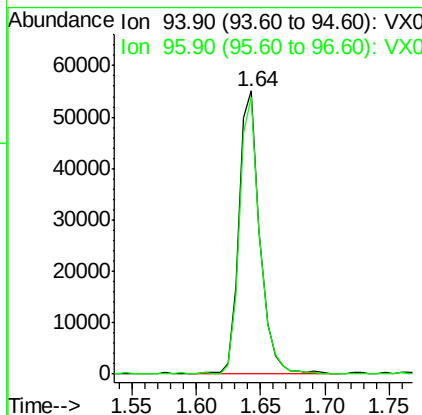
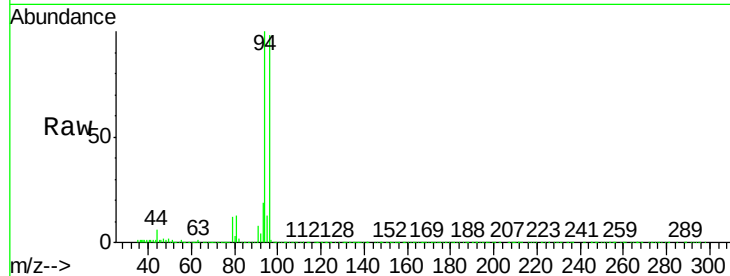
94 100

96 97.6 74.6 111.8

Manual Integrations
APPROVED

MMDadoda

3/5/2020 3:53:48 PM



#6

Chloroethane

Concen: 19.786 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015087.D

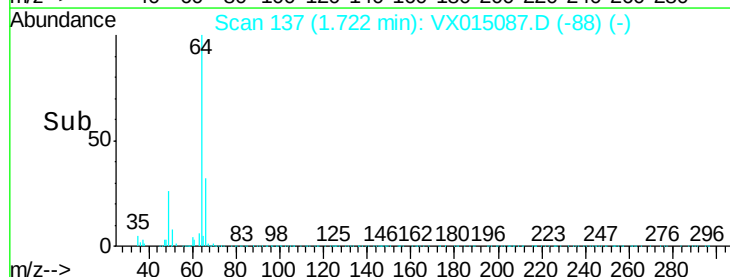
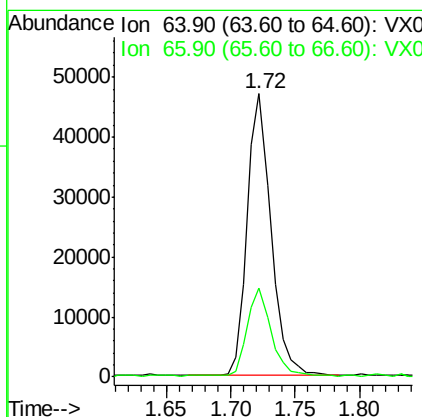
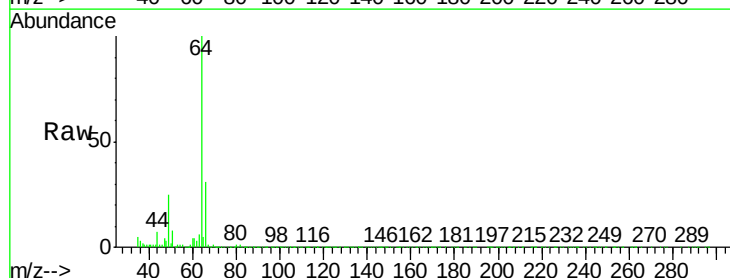
Acq: 04 Mar 2020 15:01

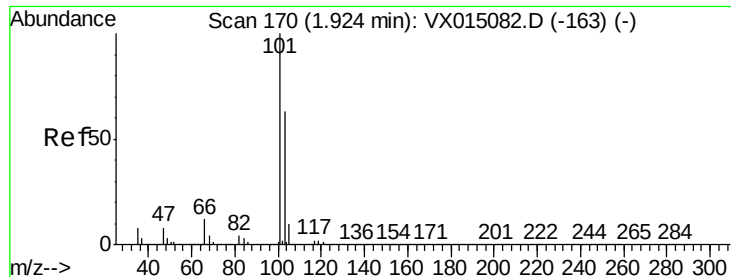
Tgt Ion: 64 Resp: 59566

Ion Ratio Lower Upper

64 100

66 31.1 25.8 38.8





#7

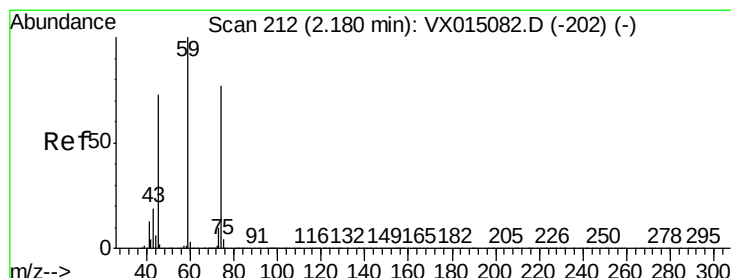
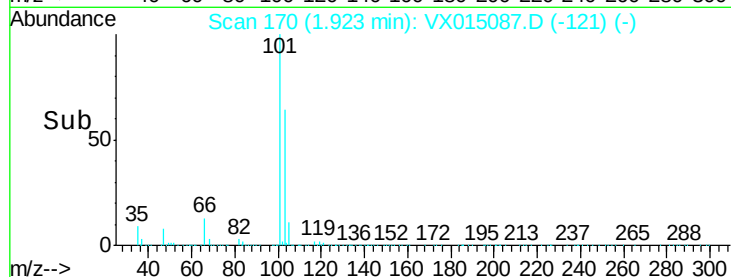
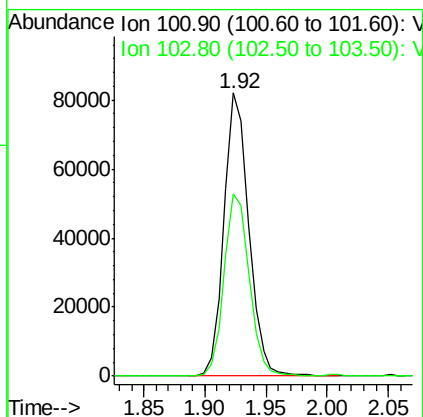
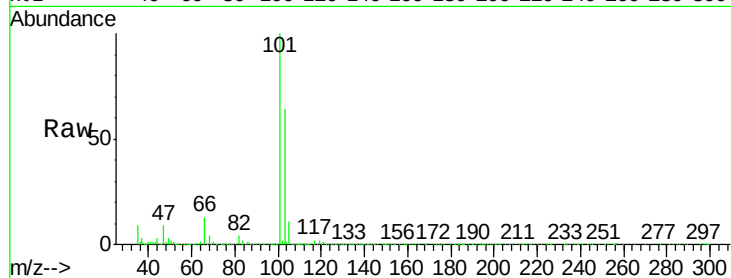
Trichlorofluoromethane
Concen: 19.275 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	50.4	75.6

Manual Integrations
APPROVED

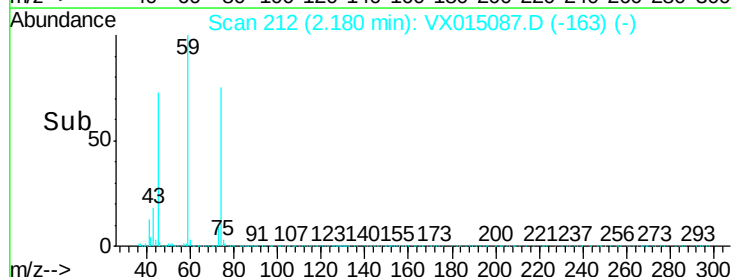
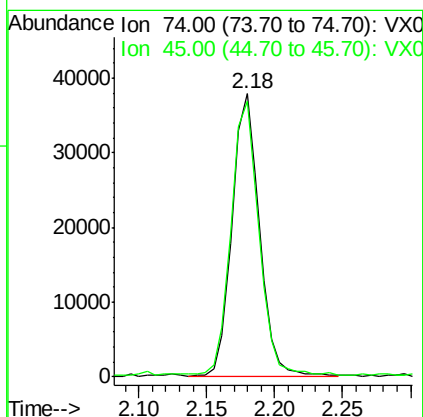
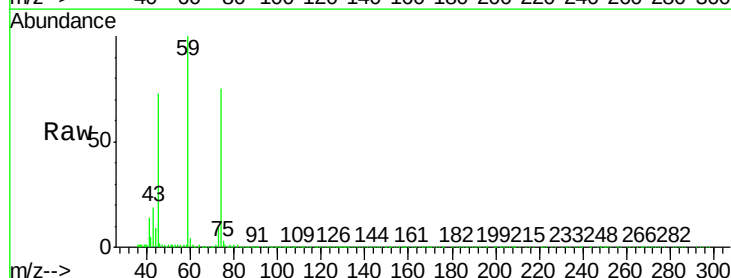
MMDadoda
3/5/2020 3:53:48 PM

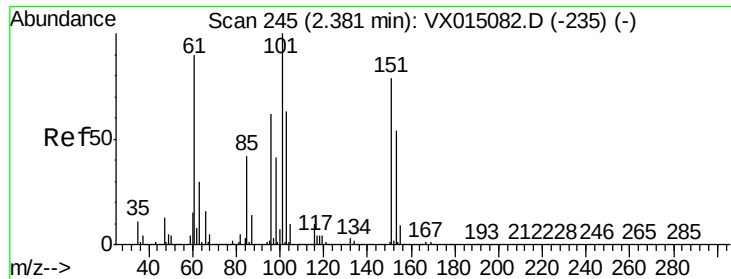


#8

Diethyl Ether
Concen: 19.772 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.391 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

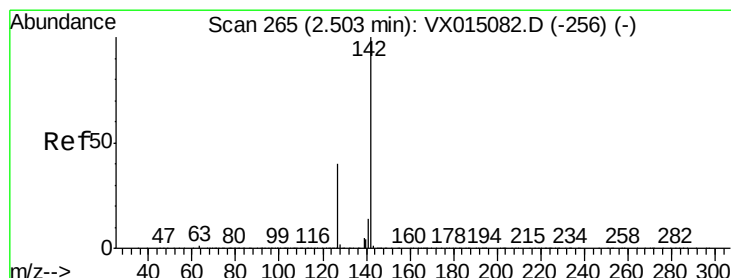
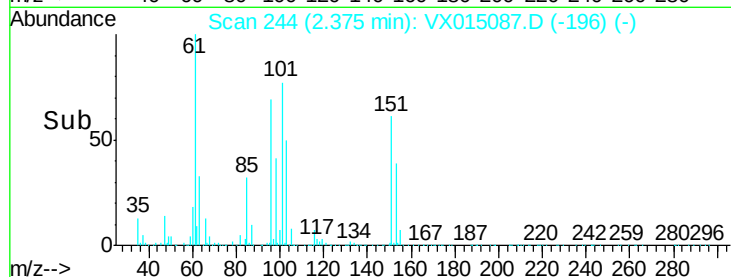
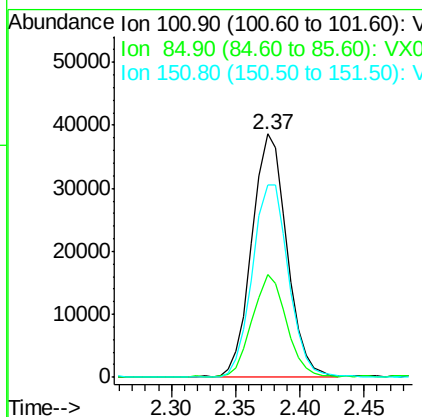
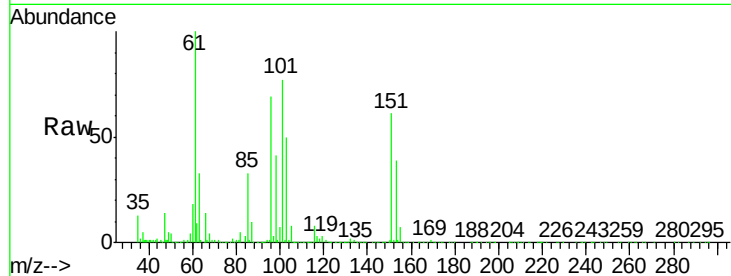
ClientSampleId :

VX0304WBS01

Tot Ion:	101	Resp:	72853
Ion Ratio	Lower	Upper	
101	100		
85	40.7	33.7	50.5
151	82.0	64.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#10

Methyl Iodide

Concen: 16.287 ug/l

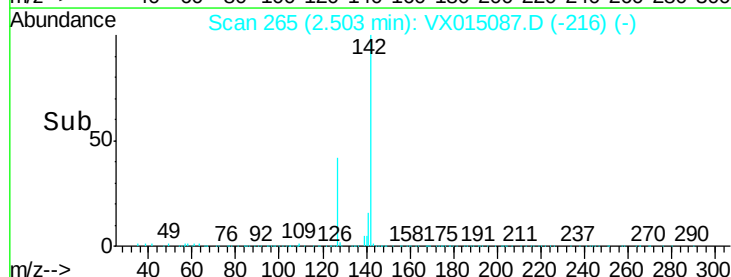
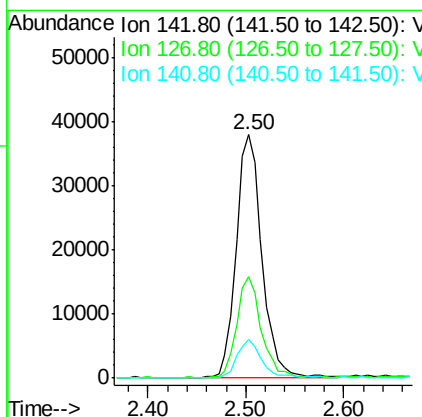
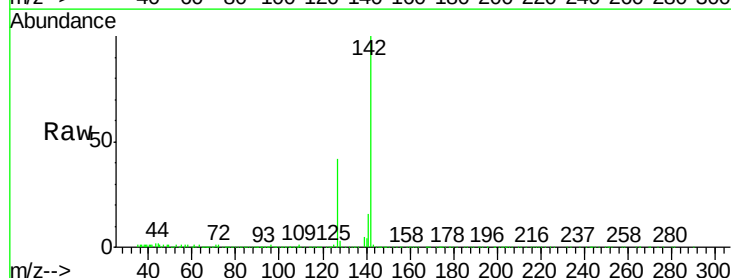
RT: 2.50 min Scan# 265

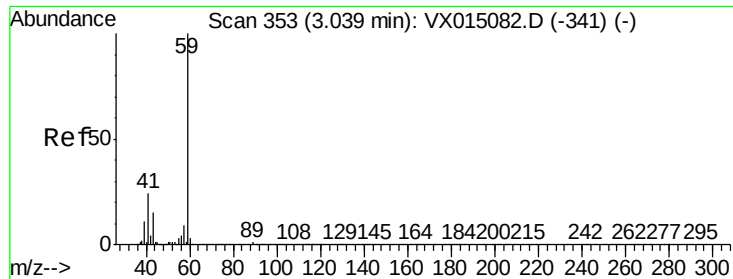
Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion:	142	Resp:	69134
Ion Ratio	Lower	Upper	
142	100		
127	39.8	31.7	47.5
141	15.4	11.3	16.9





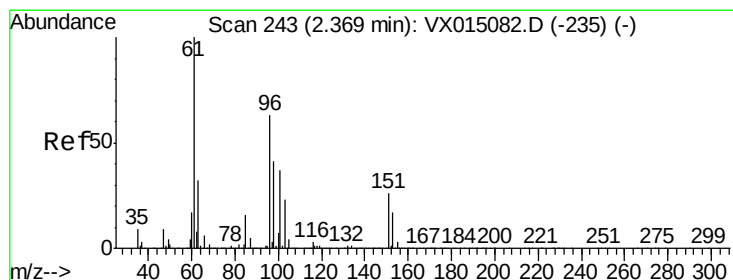
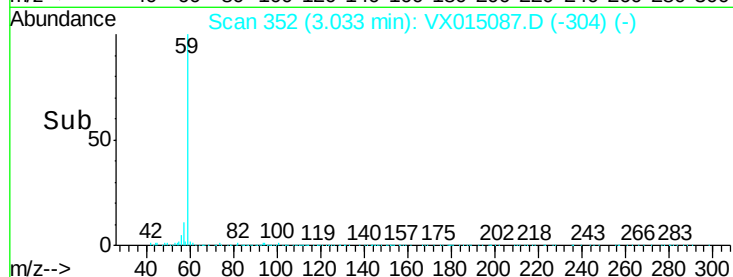
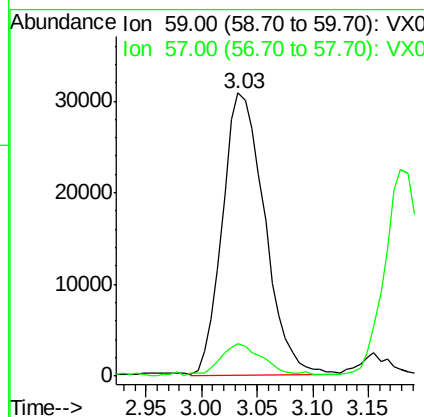
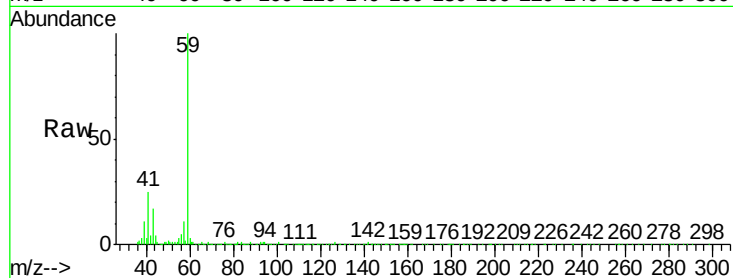
#11
Tert butyl alcohol
Concen: 98.407 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion: 59 Resp: 80822
Ion Ratio Lower Upper
59 100
57 11.7 8.2 12.4

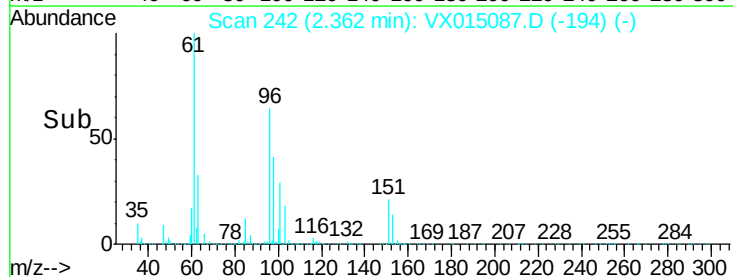
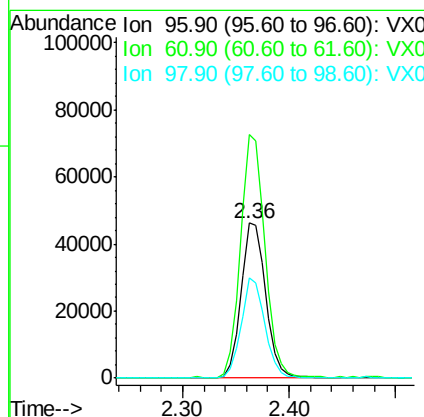
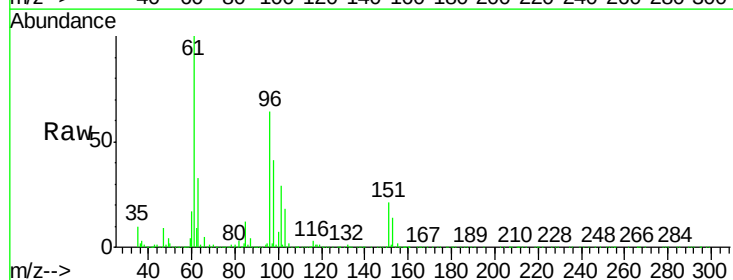
Manual Integrations
APPROVED

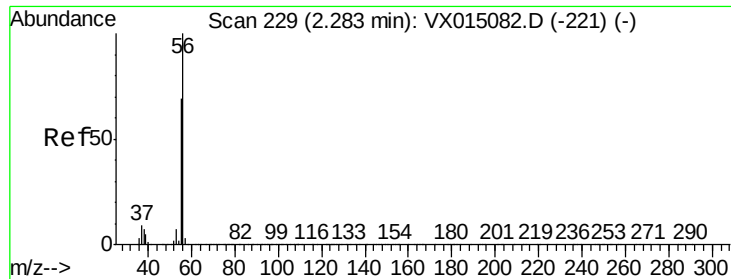
MMDadoda
3/5/2020 3:53:48 PM



#12
1,1-Dichloroethene
Concen: 19.515 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion: 96 Resp: 75668
Ion Ratio Lower Upper
96 100
61 156.9 126.2 189.4
98 64.5 51.4 77.0





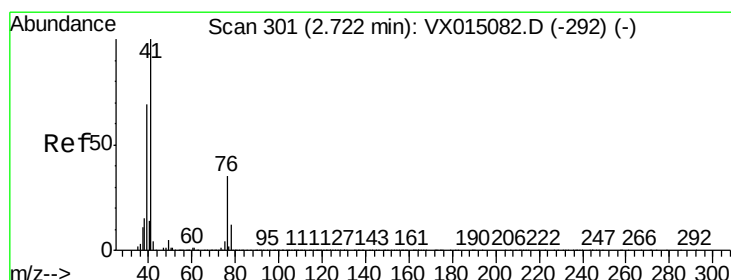
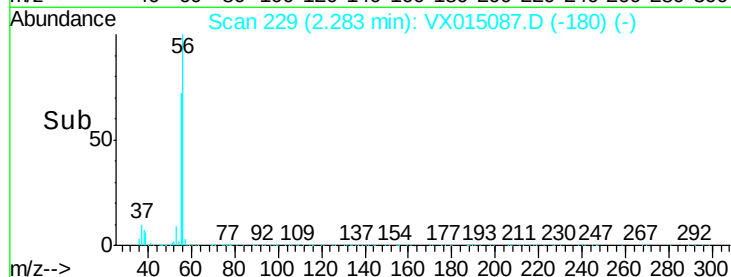
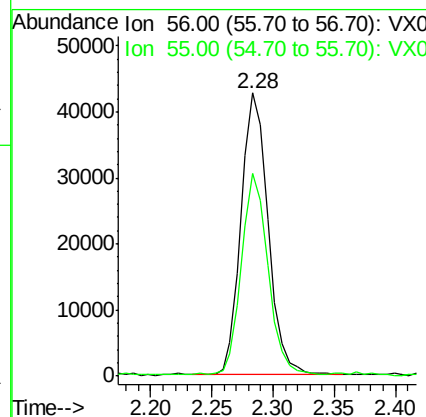
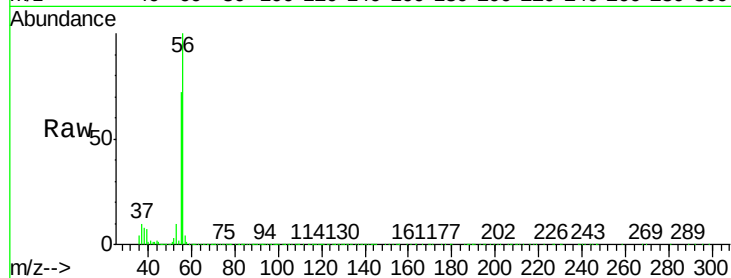
#13
Acrolein
Concen: 84.560 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.8	55.4	83.0

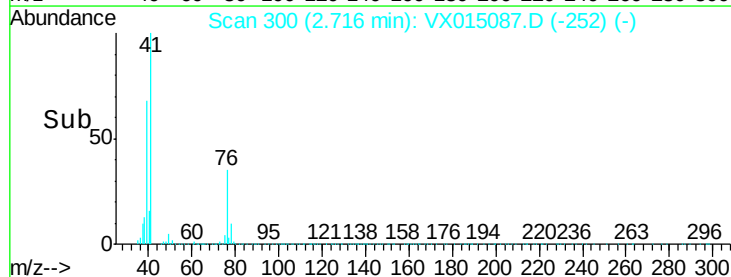
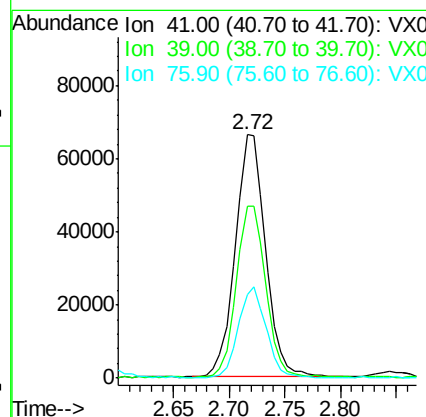
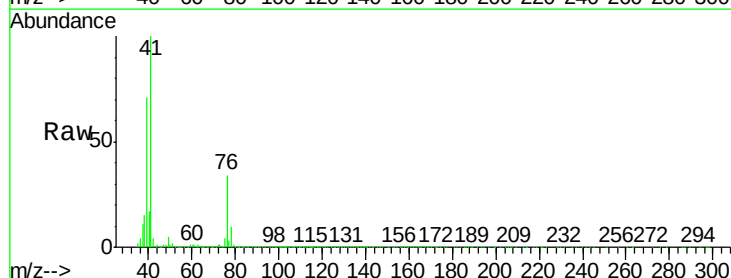
Manual Integrations
APPROVED

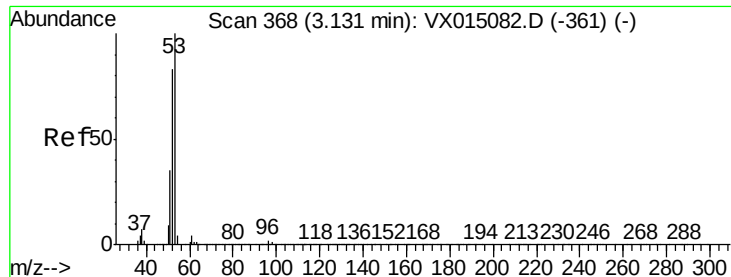
MMDadoda
3/5/2020 3:53:48 PM



#14
Allyl chloride
Concen: 18.509 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.9	52.9	79.3
76	34.0	26.8	40.2





#15

Acrylonitrile

Concen: 97.208 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

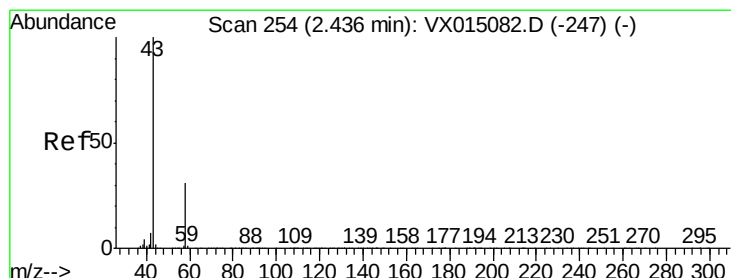
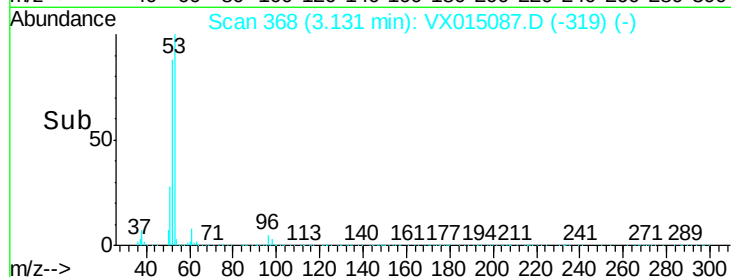
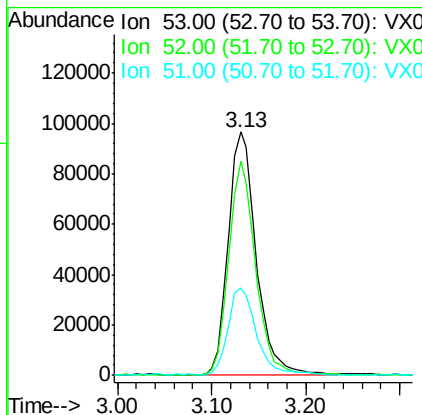
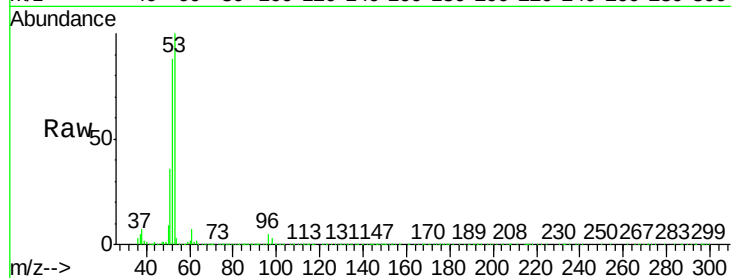
ClientSampleId :

VX0304WBS01

Tot Ion:	53	Resp:	198827
Ion Ratio		Lower	Upper
53	100		
52	84.9	66.6	100.0
51	36.3	29.0	43.6

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#16

Acetone

Concen: 91.440 ug/l

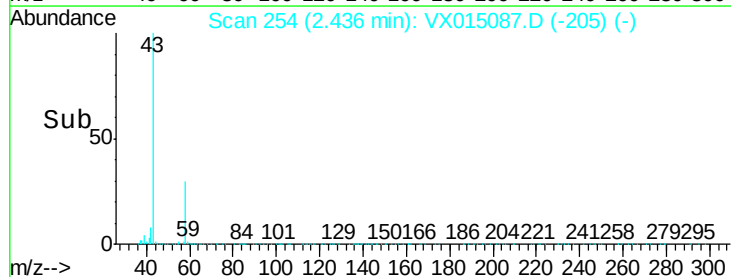
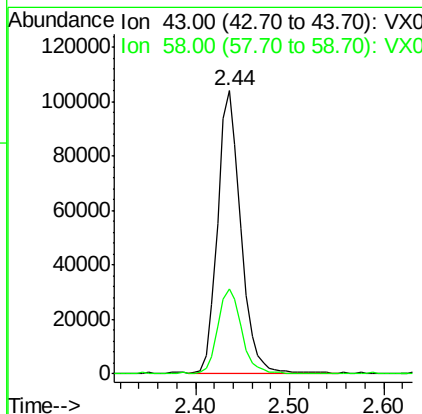
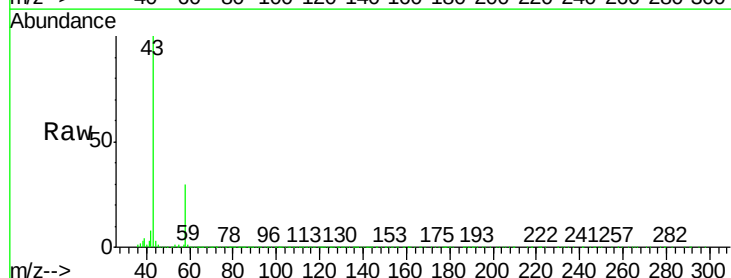
RT: 2.44 min Scan# 254

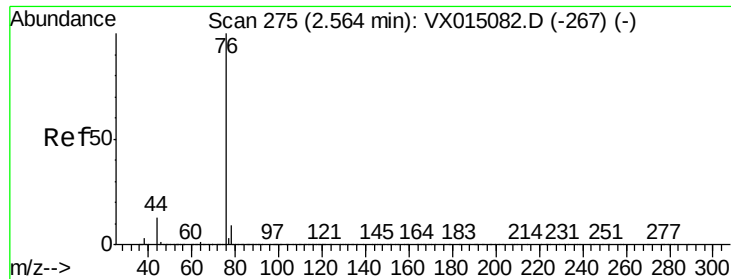
Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion:	43	Resp:	175297
Ion Ratio		Lower	Upper
43	100		
58	30.0	24.8	37.2





#17

Carbon Disulfide

Concen: 18.580 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

Tot Ion: 76 Resp: 200076

Ion Ratio Lower Upper

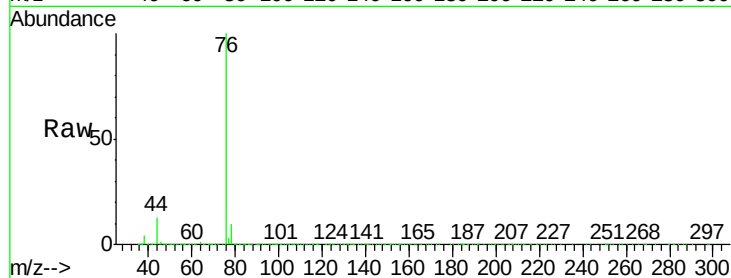
76 100

78 9.6 7.3 10.9

Manual Integrations
APPROVED

MMDadoda

3/5/2020 3:53:48 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

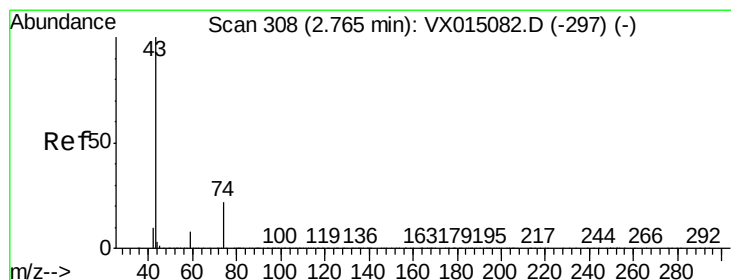
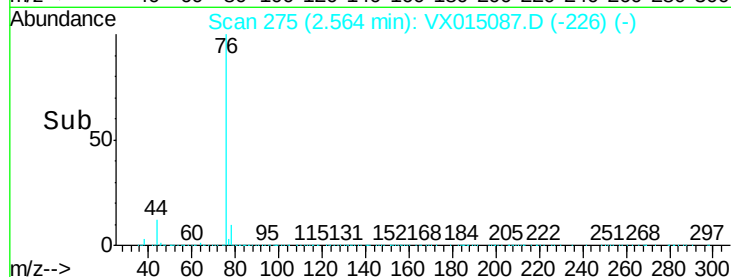
2.56

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 18.560 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX015087.D

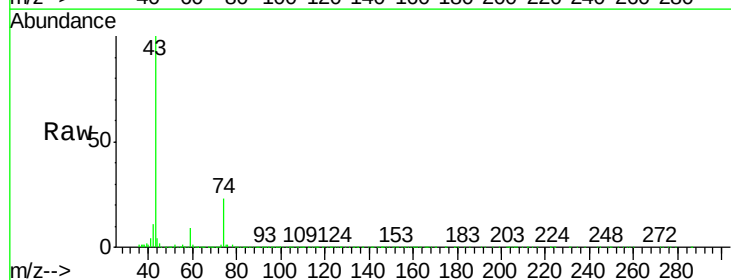
Acq: 04 Mar 2020 15:01

Tgt Ion: 43 Resp: 87000

Ion Ratio Lower Upper

43 100

74 24.7 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

50000

40000

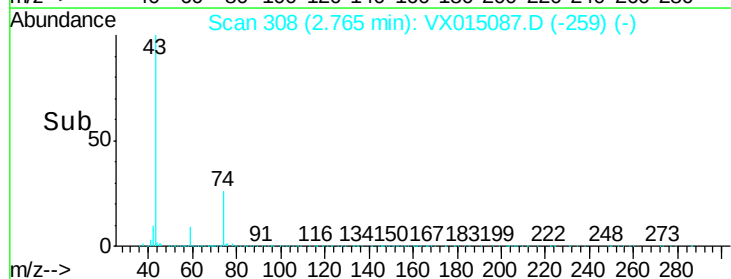
30000

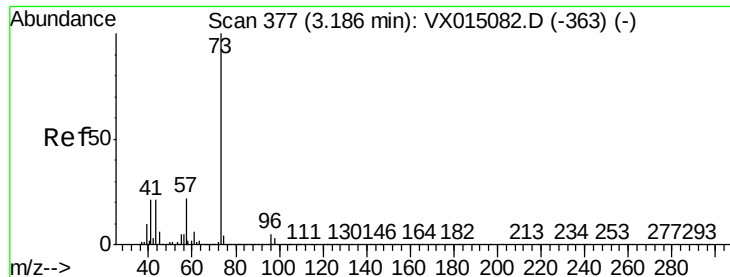
20000

10000

0

Time-->





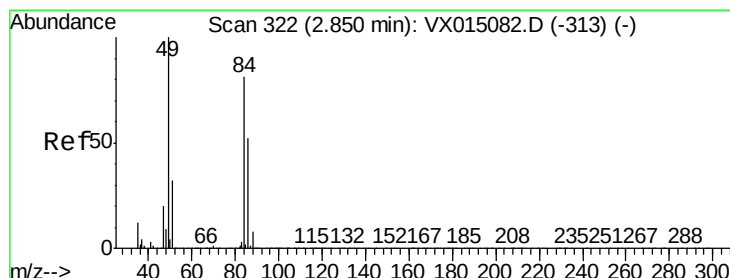
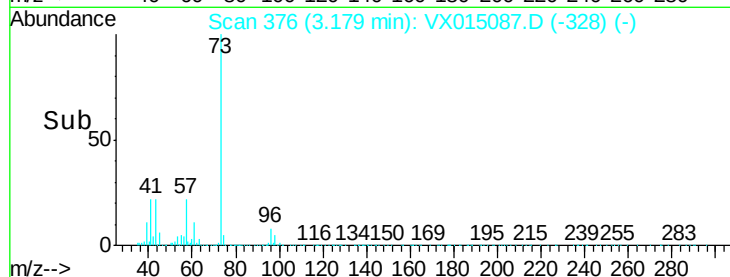
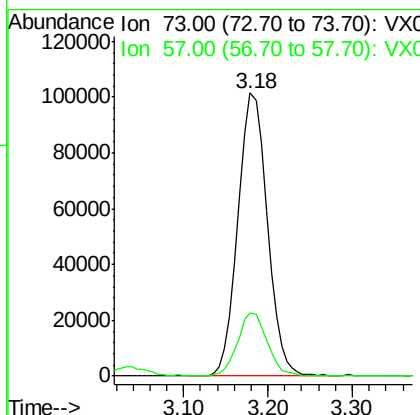
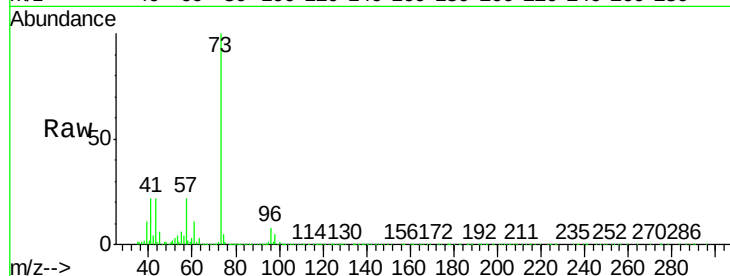
#19
Methyl tert-butyl Ether
Concen: 19.724 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	17.8	26.6

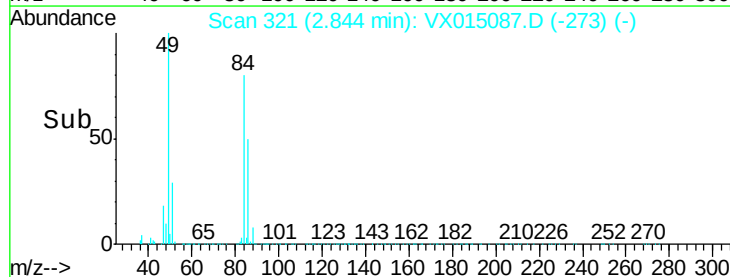
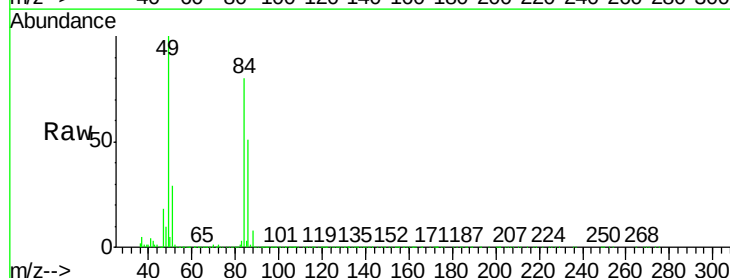
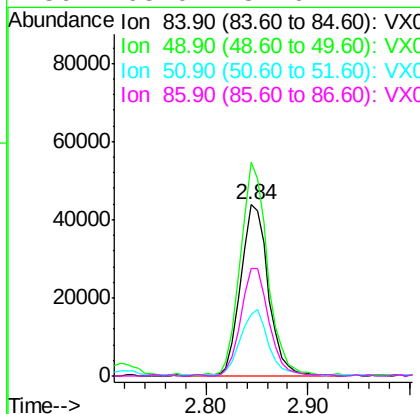
Manual Integrations
APPROVED

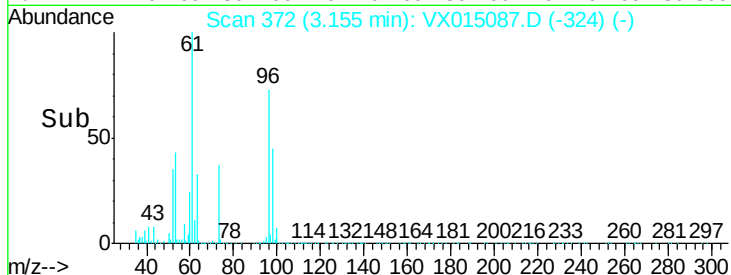
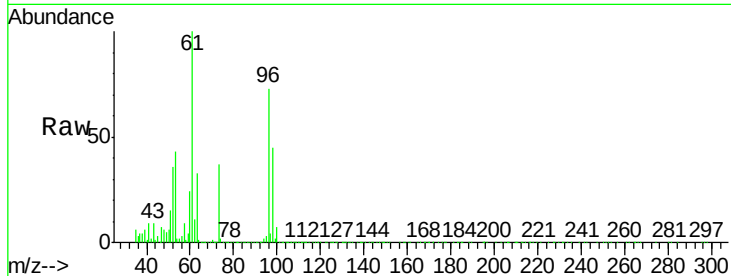
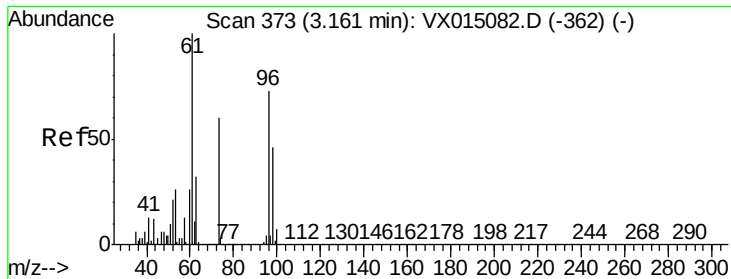
MMDadoda
3/5/2020 3:53:48 PM



#20
Methylene Chloride
Concen: 18.159 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.4	99.4	149.2
51	35.1	31.5	47.3
86	63.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 19.170 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015087.D

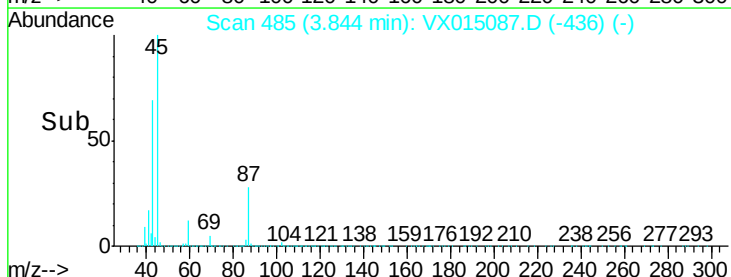
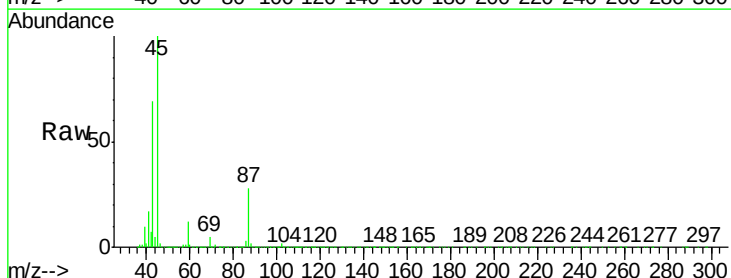
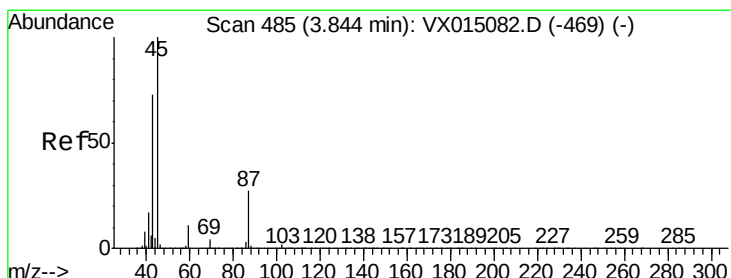
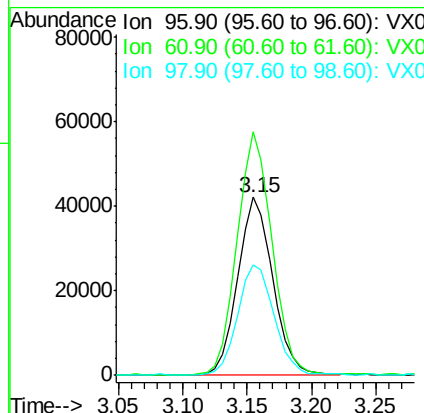
Acq: 04 Mar 2020 15:01

Tot Ion:	96	Resp:	79370
Ion	Ratio	Lower	Upper
96	100		
61	136.8	109.9	164.9
98	62.2	50.2	75.2

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#22

Diisopropyl ether

Concen: 19.348 ug/l

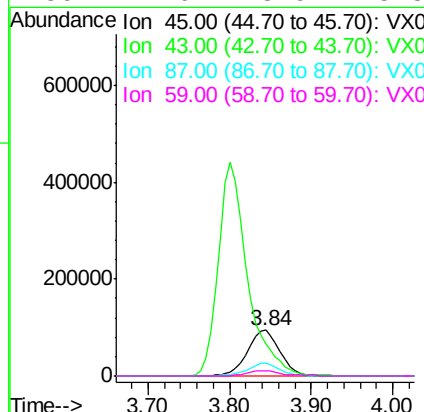
RT: 3.84 min Scan# 485

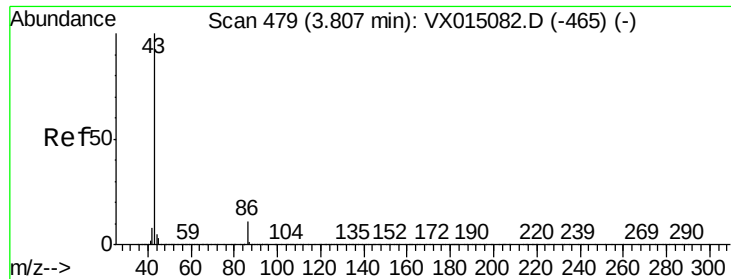
Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion:	45	Resp:	260618
Ion	Ratio	Lower	Upper
45	100		
43	68.3	58.2	87.2
87	27.7	21.2	31.8
59	11.6	8.9	13.3





#23

Vinyl Acetate

Concen: 100.053 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampled :

VX0304WBS01

Tot Ion: 43 Resp: 1107846

Ion Ratio Lower Upper

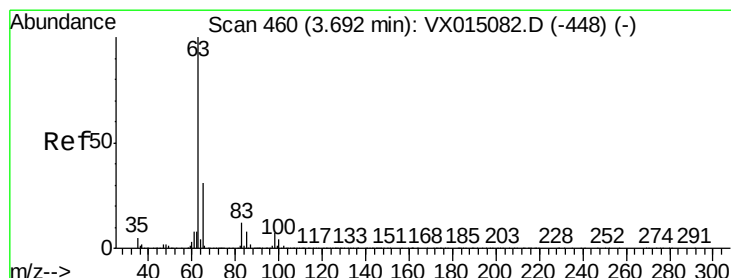
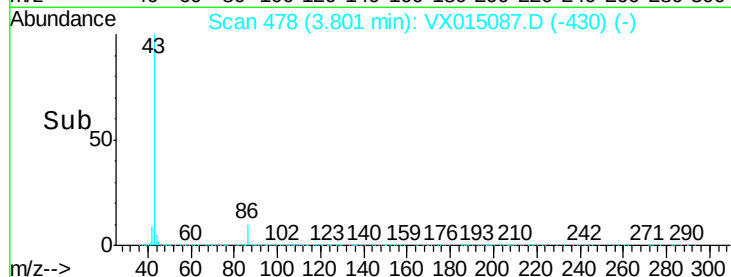
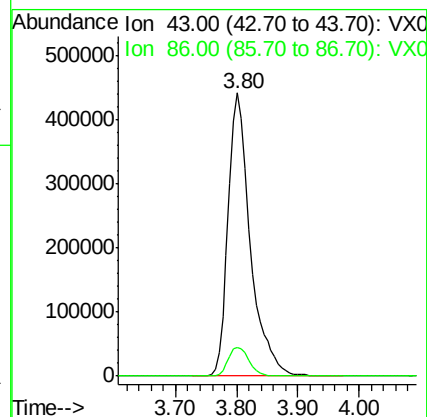
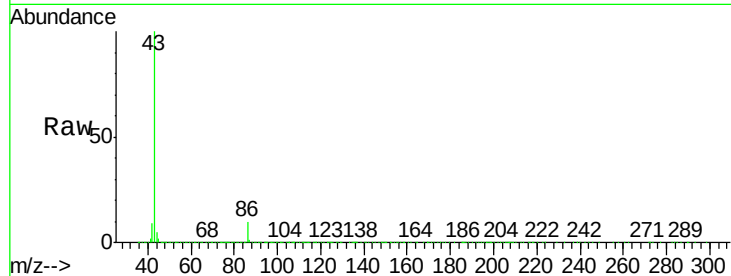
43 100

86 10.3 8.6 12.8

Manual Integrations
APPROVED

MMDadoda

3/5/2020 3:53:48 PM



#24

1,1-Dichloroethane

Concen: 18.897 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

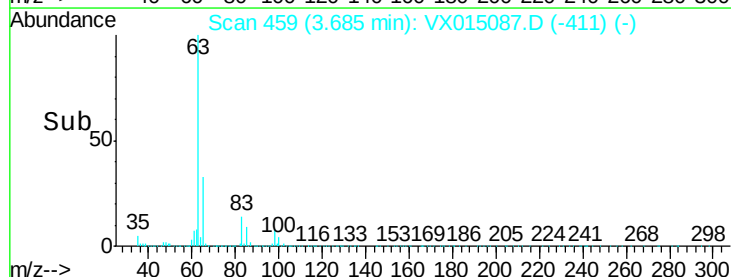
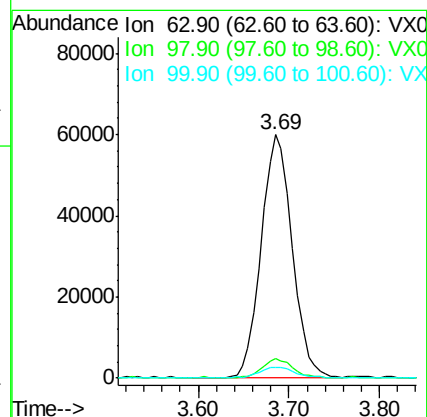
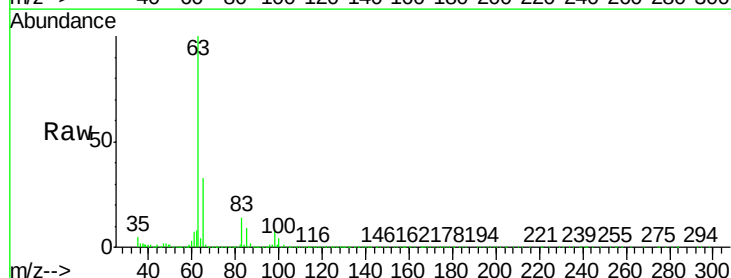
Tgt Ion: 63 Resp: 141277

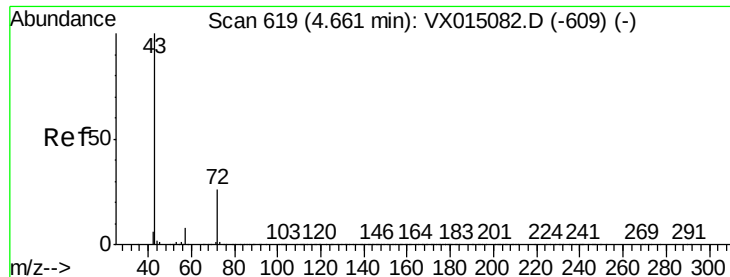
Ion Ratio Lower Upper

63 100

98 7.6 3.7 11.1

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 97.675 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tot Ion: 43 Resp: 274133

Ion Ratio Lower Upper

43 100

72 24.4 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

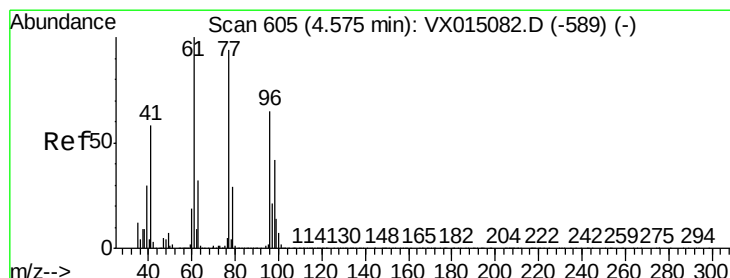
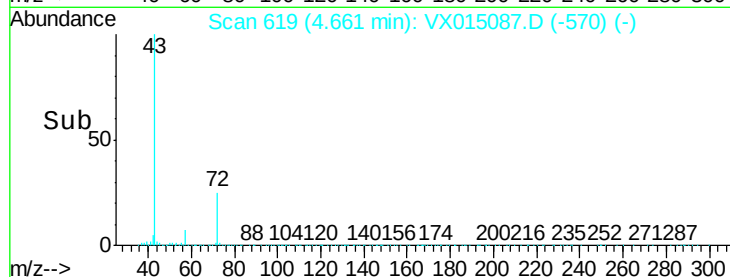
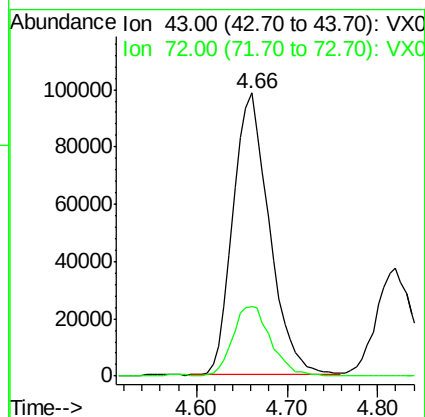
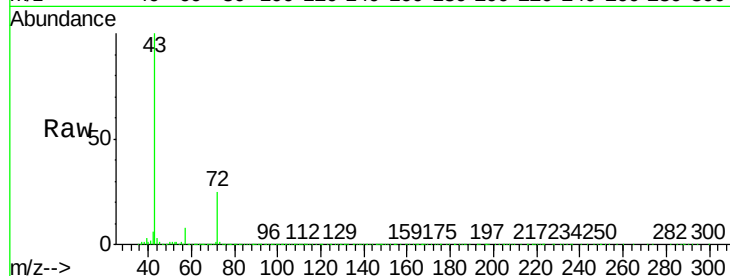
VX0304WBS01

Manual Integrations

APPROVED

MMDadoda

3/5/2020 3:53:48 PM



#26

2,2-Dichloropropane

Concen: 18.504 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015087.D

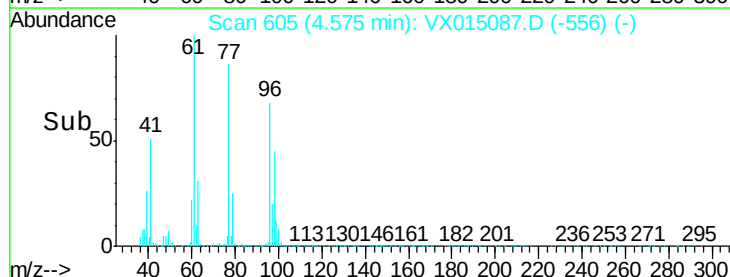
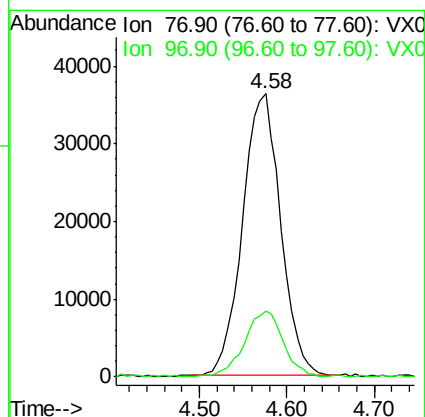
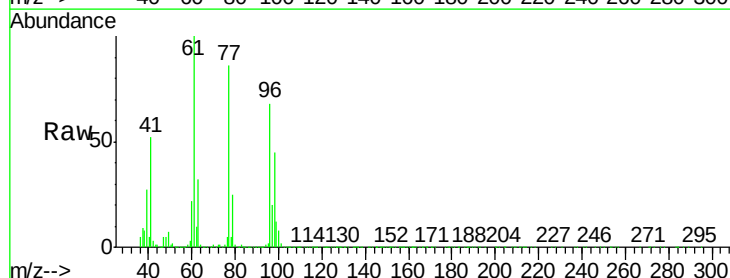
Acq: 04 Mar 2020 15:01

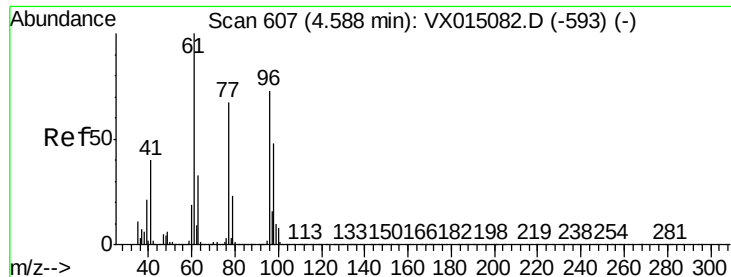
Tgt Ion: 77 Resp: 109819

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4





#27

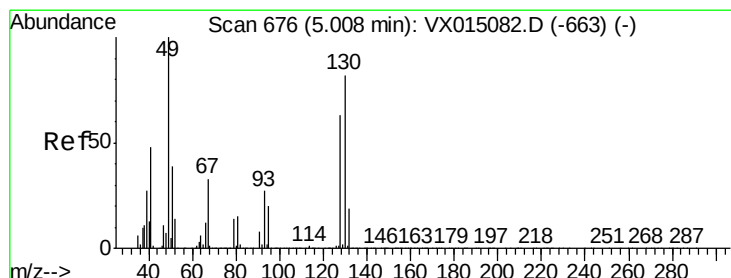
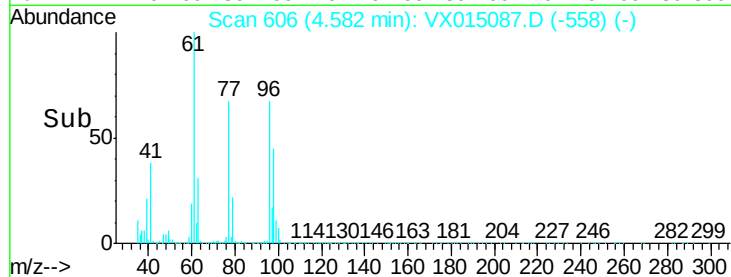
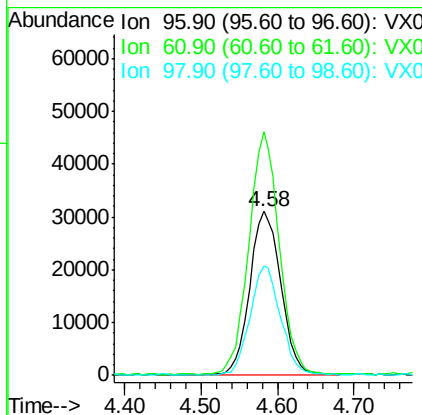
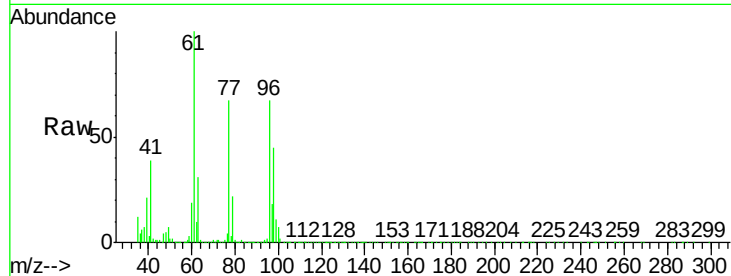
cis-1,2-Dichloroethene
Concen: 18.830 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	145.7	0.0	286.8
98	66.3	0.0	128.4

Manual Integrations
APPROVED

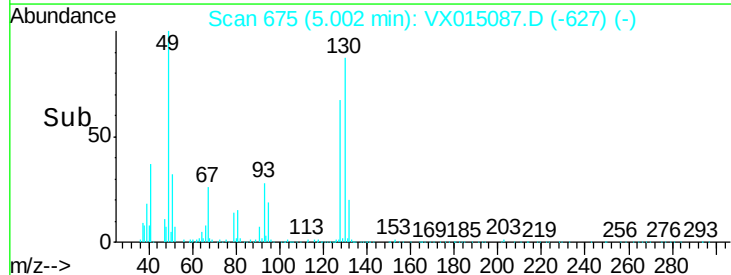
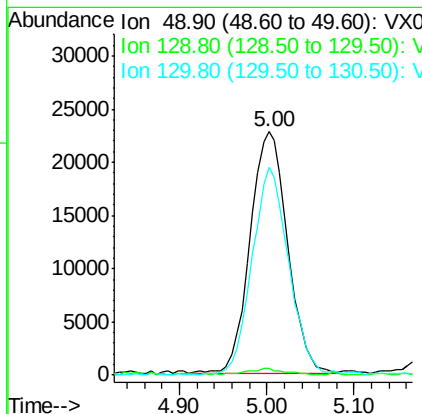
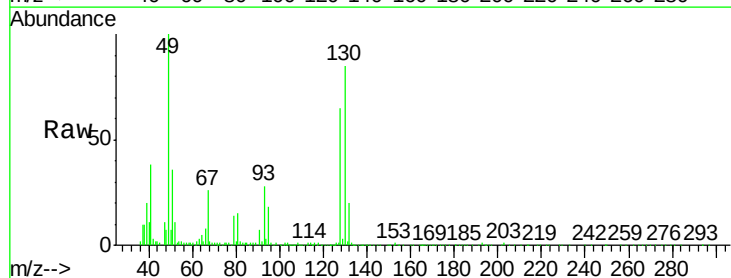
MMDadoda
3/5/2020 3:53:48 PM

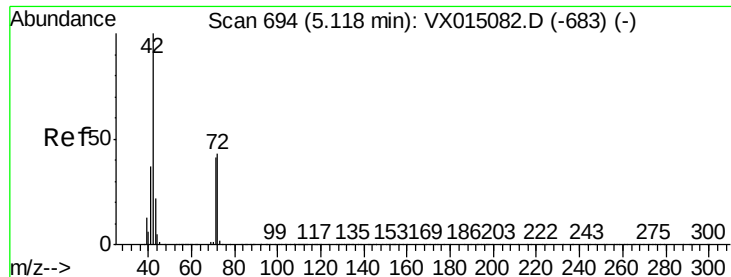


#28

Bromochloromethane
Concen: 20.014 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.4
130	83.6	65.0	97.6





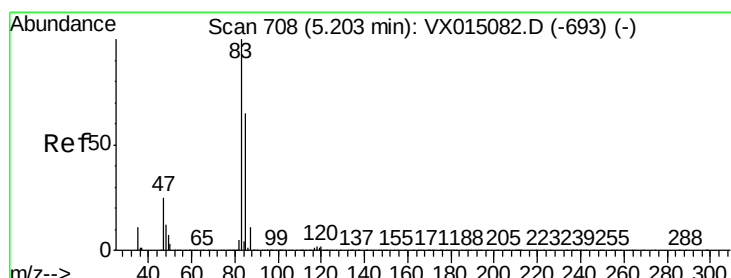
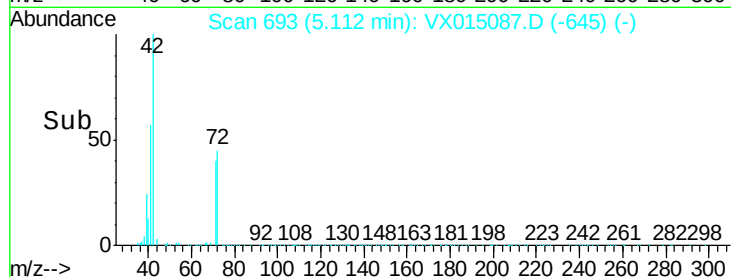
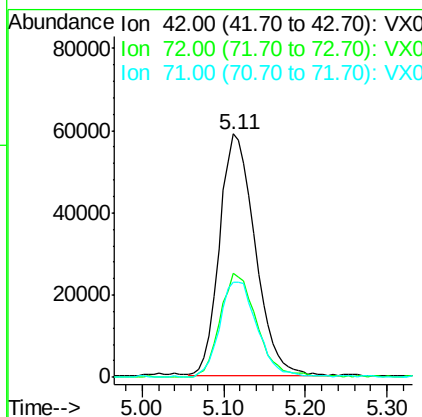
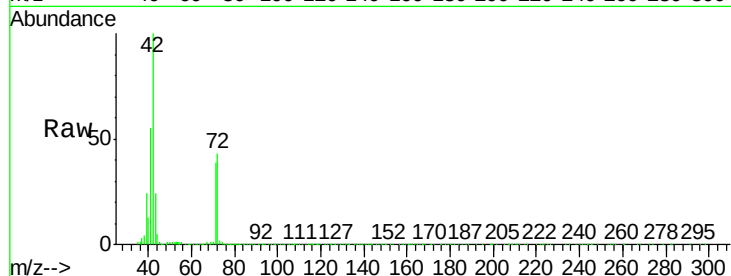
#29
Tetrahydrofuran
Concen: 98.224 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.8	36.4	54.6
71	41.0	33.3	49.9

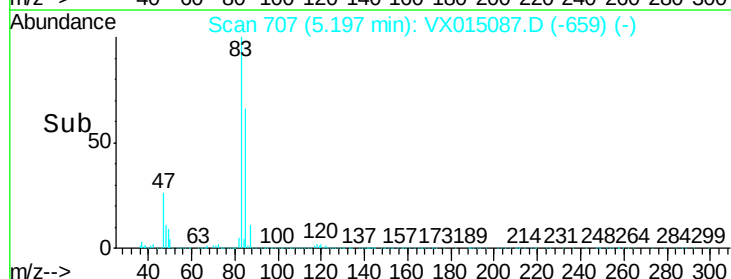
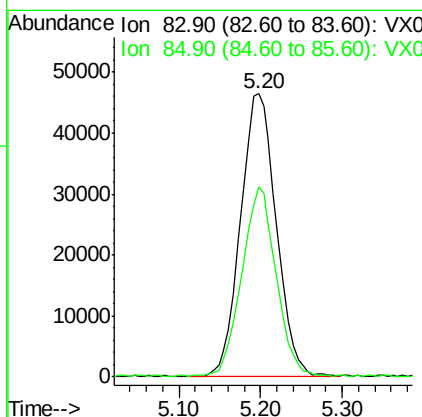
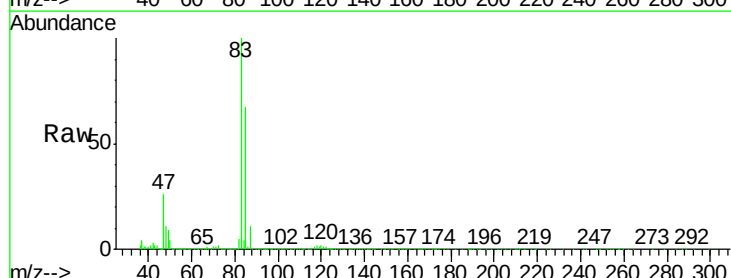
Manual Integrations
APPROVED

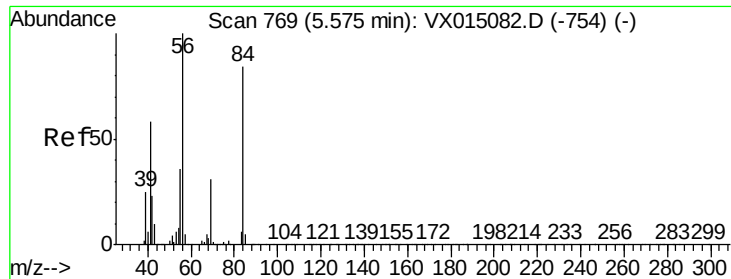
MMDadoda
3/5/2020 3:53:48 PM



#30
Chloroform
Concen: 19.320 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	52.0	78.0





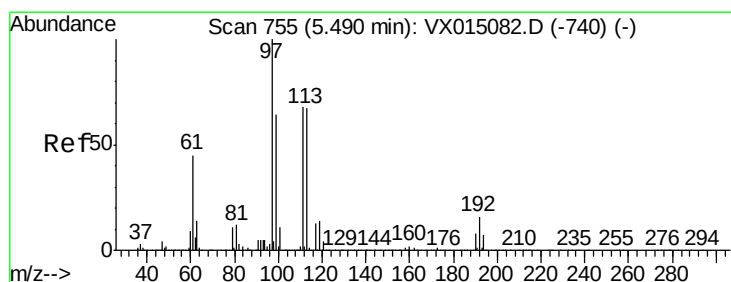
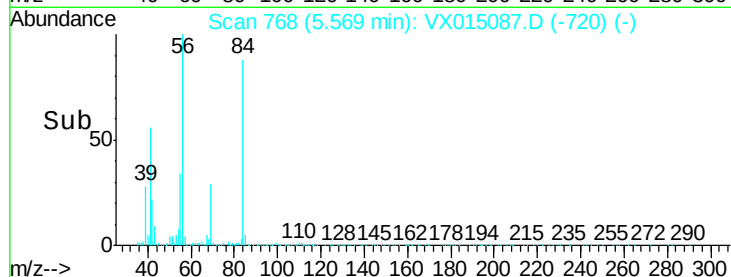
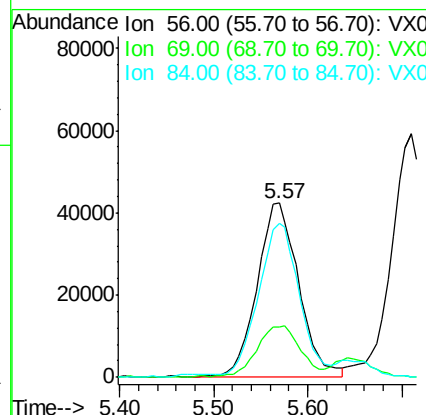
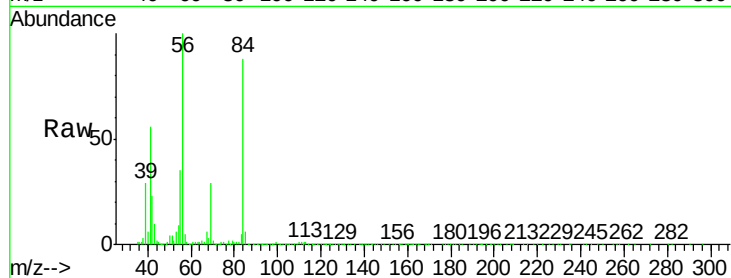
#31
Cyclohexane
Concen: 19.414 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.6	25.0	37.6
84	86.8	67.6	101.4

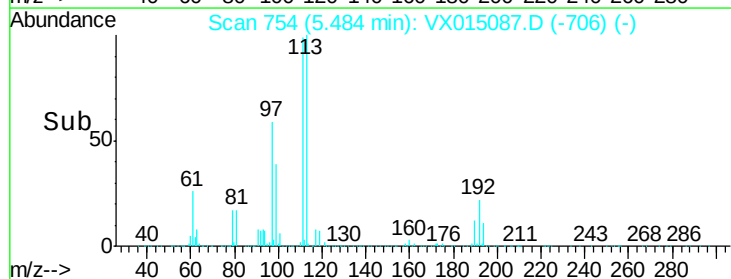
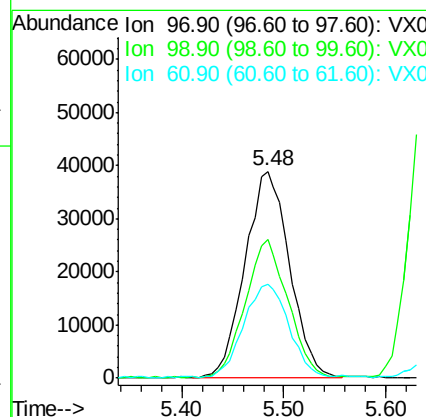
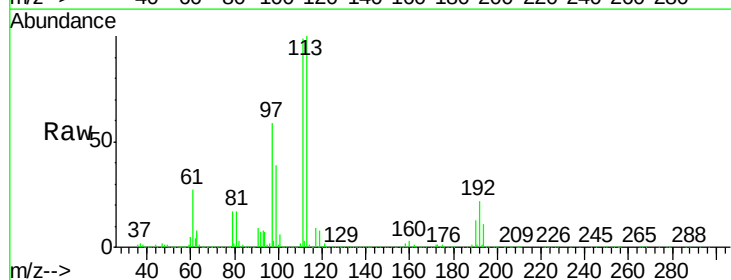
Manual Integrations
APPROVED

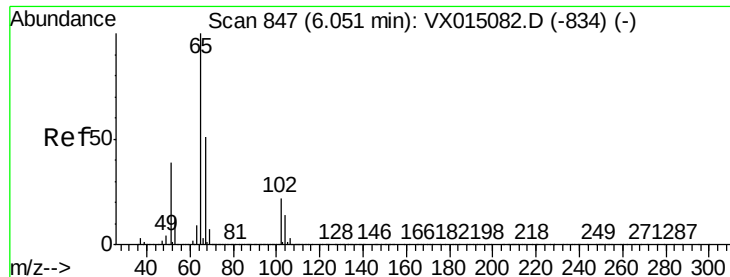
MMDadoda
3/5/2020 3:53:48 PM



#32
1,1,1-Trichloroethane
Concen: 19.386 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.8	79.2
61	45.5	36.6	54.8





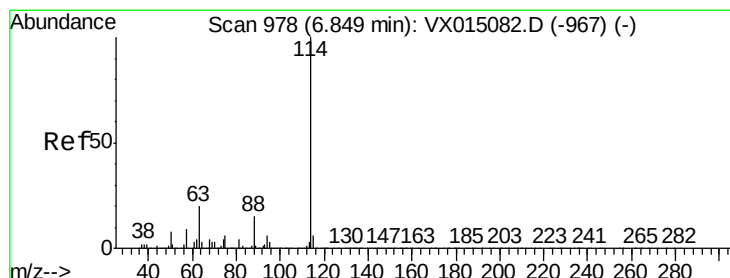
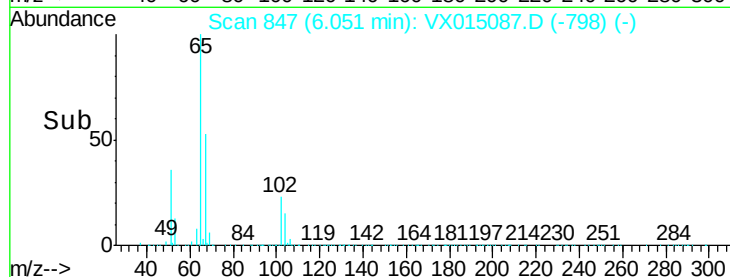
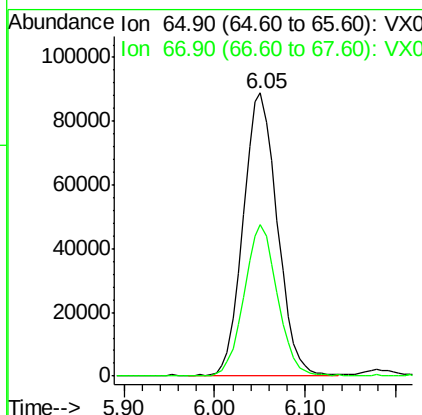
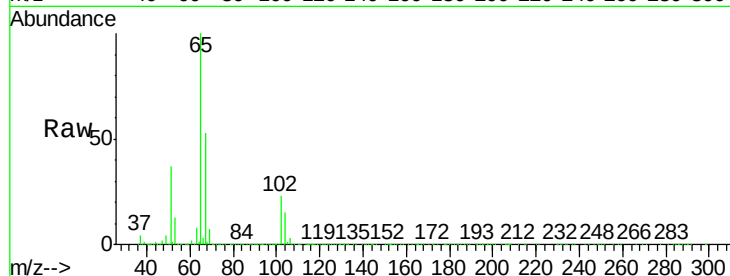
#33
 1,2-Dichloroethane-d4
 Concen: 48.787 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	230946		
67	51.9	0.0	105.6	

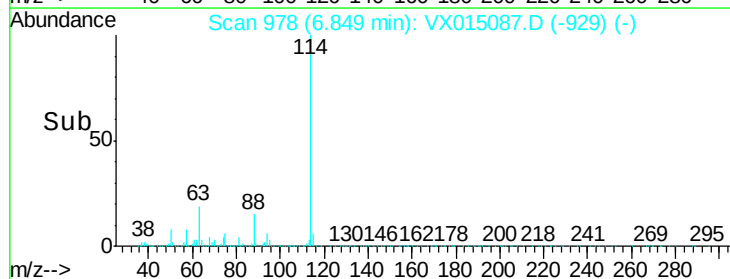
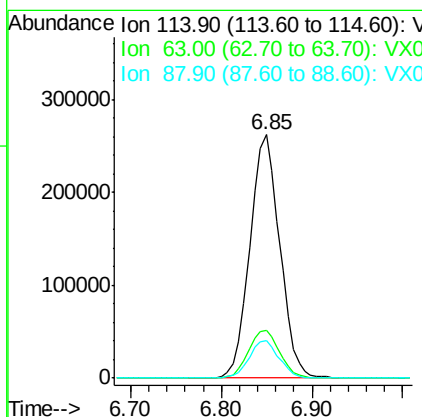
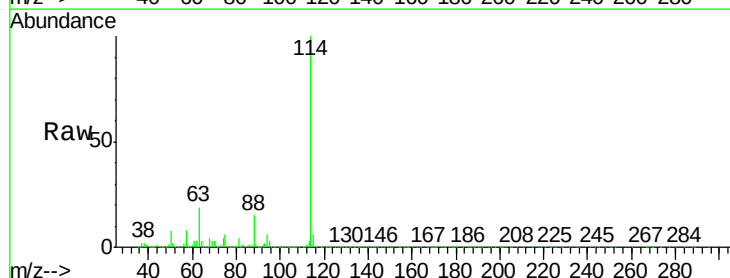
Manual Integrations
 APPROVED

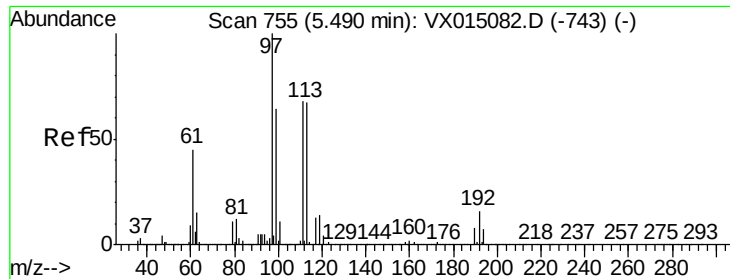
MMDadoda
 3/5/2020 3:53:48 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	598204		
63	19.4	0.0	40.0	
88	15.3	0.0	30.6	





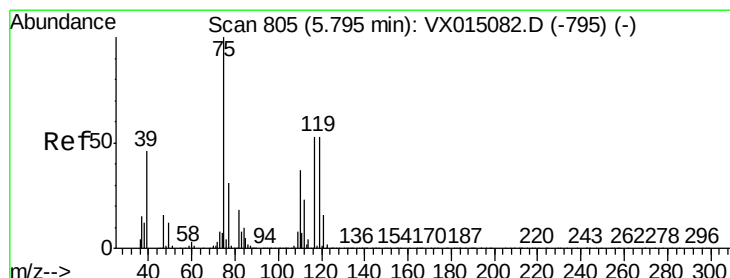
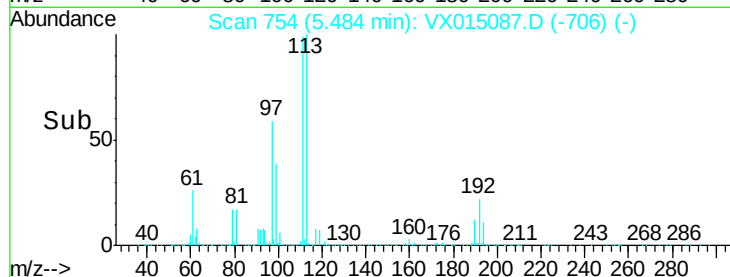
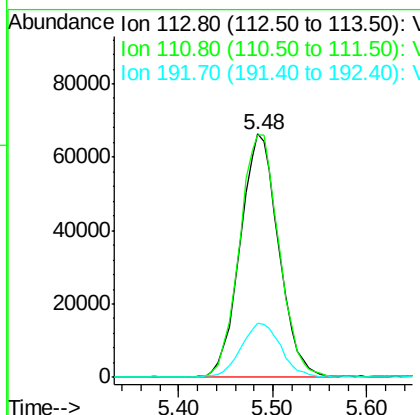
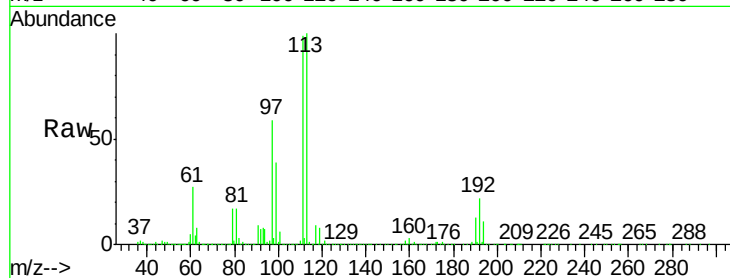
#35
Dibromofluoromethane
Concen: 50.024 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	188784		
111	102.6		82.6	123.8
192	22.9		18.6	28.0

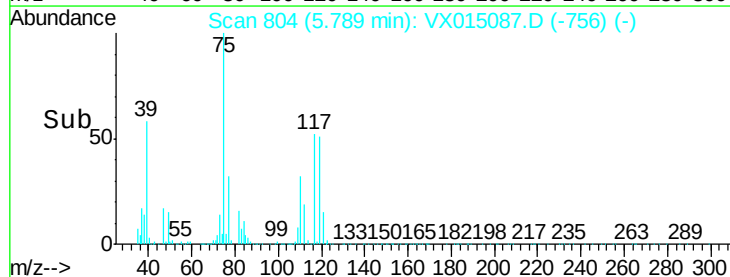
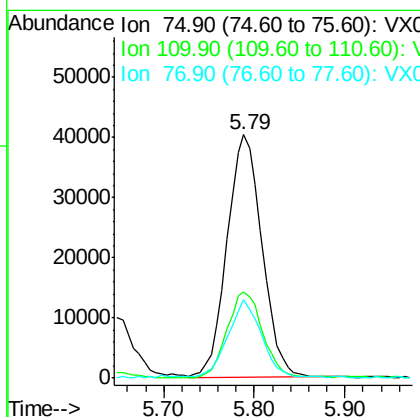
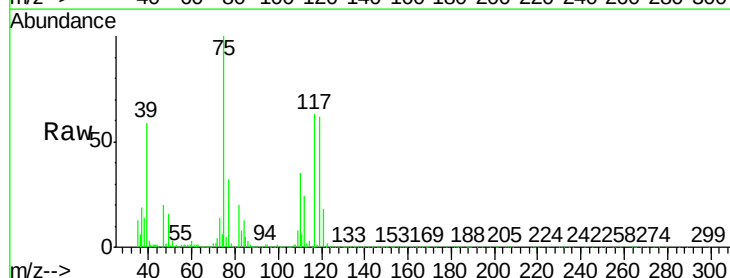
Manual Integrations
APPROVED

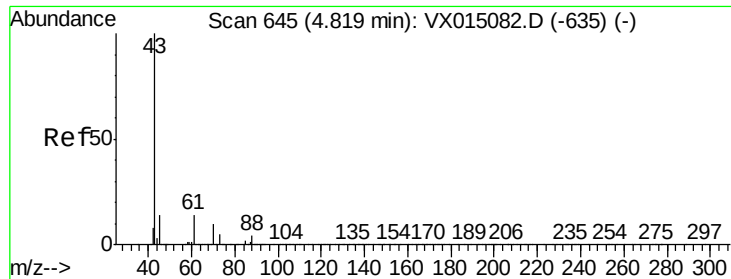
MMDadoda
3/5/2020 3:53:48 PM



#36
1,1-Dichloropropene
Concen: 19.479 ug/l
RT: 5.79 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	107719		
110	36.5		17.9	53.8
77	30.0		24.8	37.2





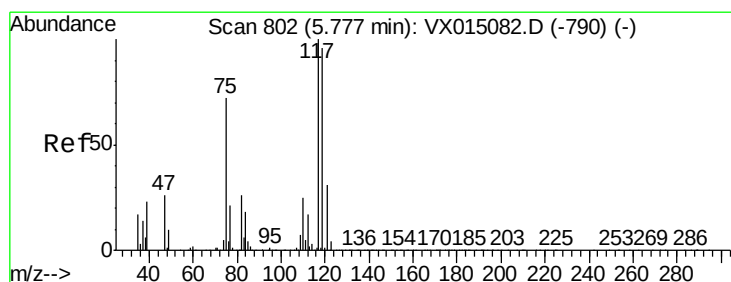
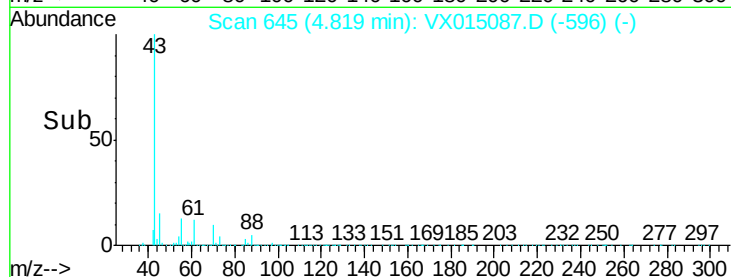
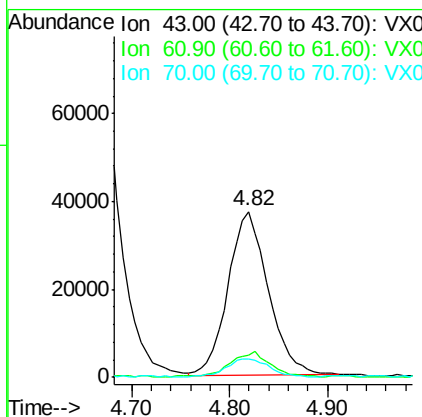
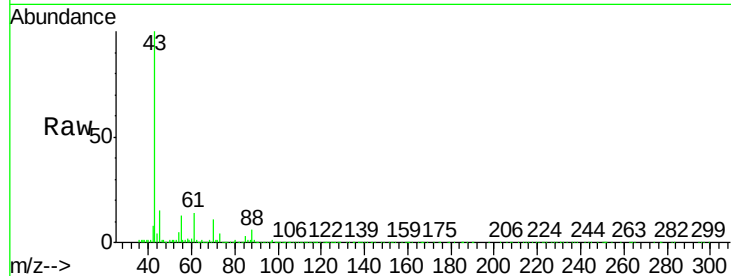
#37
Ethyl Acetate
Concen: 20.736 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion:	43	Resp:	106371
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.4
70	11.5	8.1	12.1

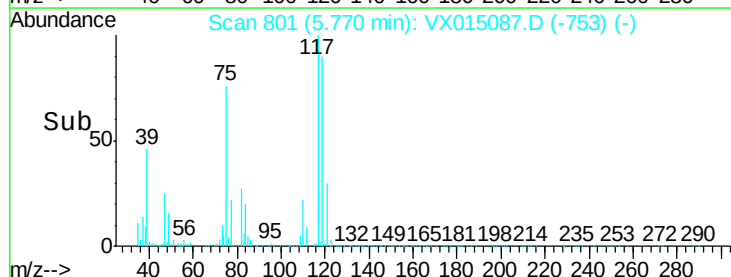
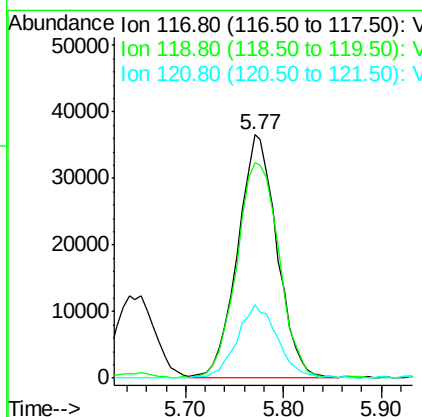
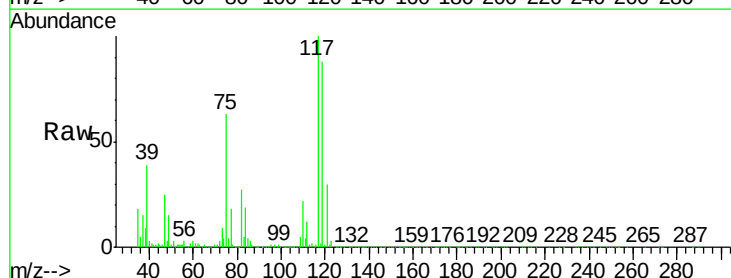
Manual Integrations
APPROVED

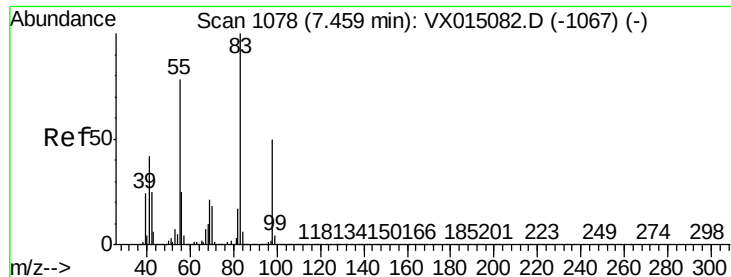
MMDadoda
3/5/2020 3:53:48 PM



#38
Carbon Tetrachloride
Concen: 19.396 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion:	117	Resp:	101245
Ion	Ratio	Lower	Upper
117	100		
119	88.3	76.9	115.3
121	30.2	24.6	37.0





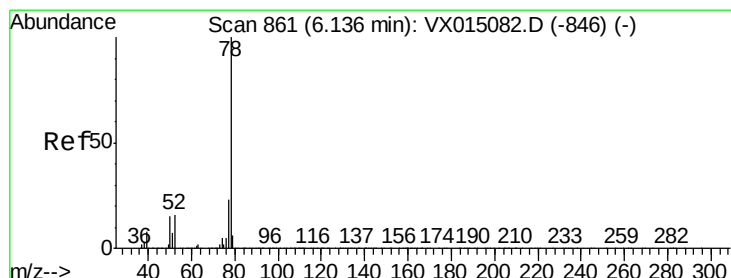
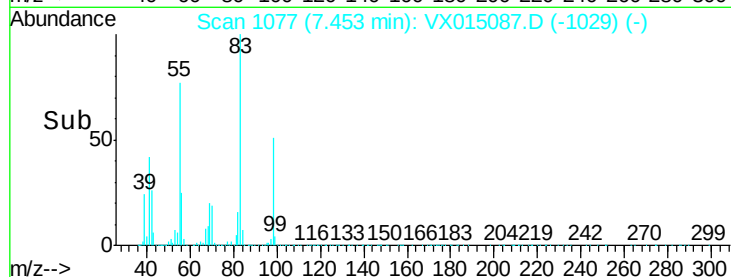
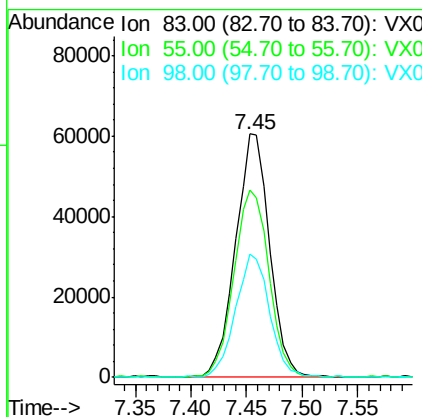
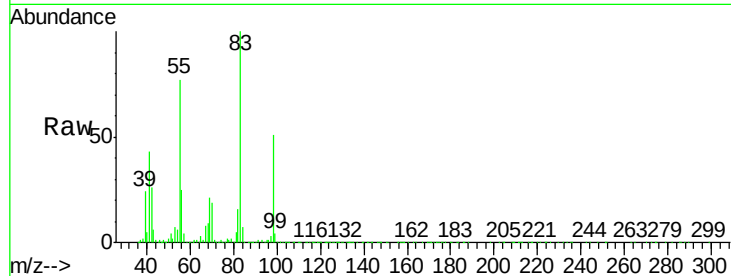
#39
Methylvlcyclohexane
Concen: 19.812 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	127933		
55	76.6		62.4	93.6
98	50.2		39.7	59.5

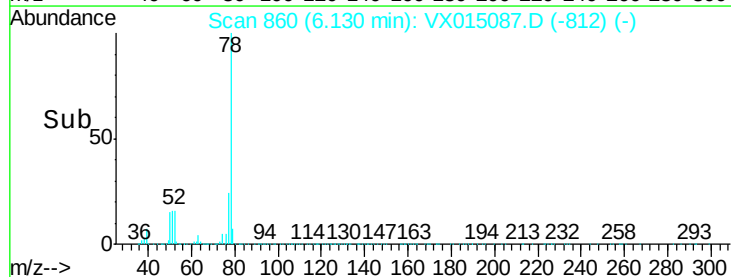
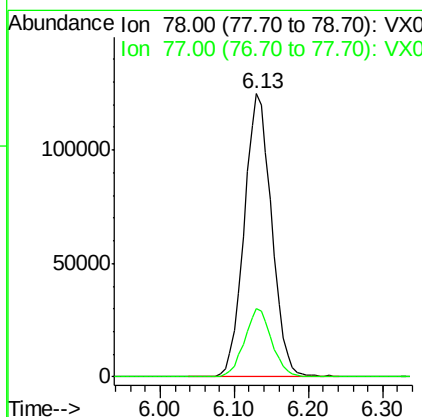
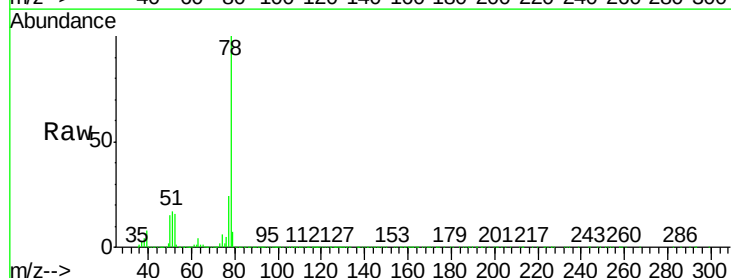
Manual Integrations
APPROVED

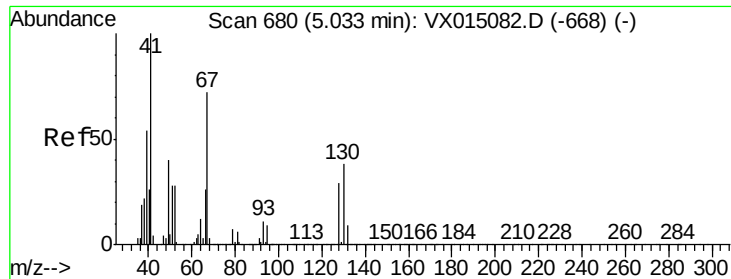
MMDadoda
3/5/2020 3:53:48 PM



#40
Benzene
Concen: 19.610 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	321753		
77	24.2		18.6	28.0





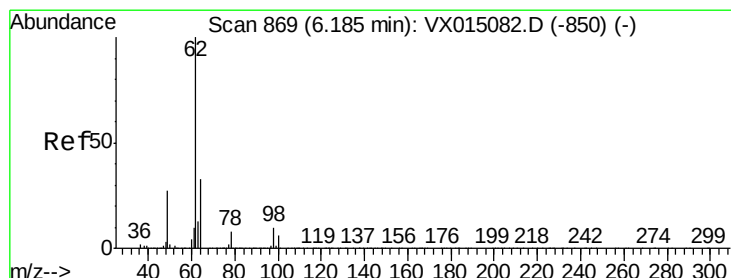
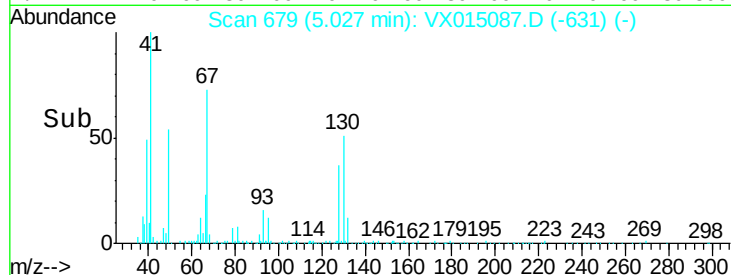
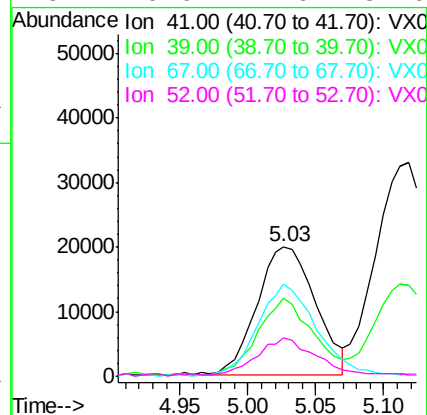
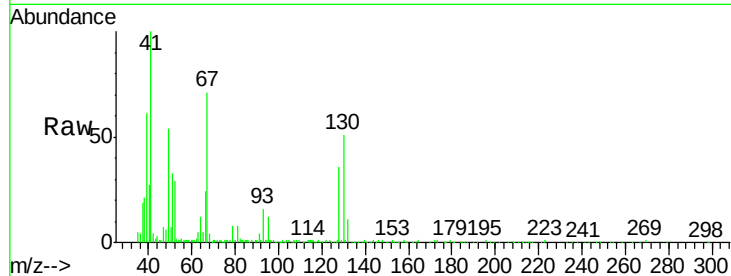
#41
Methacrylonitrile
Concen: 19.221 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ion	Ratio	Lower	Upper
59225	41	100		
	39	56.3	43.9	65.9
	67	71.8	57.8	86.8
	52	29.6	22.6	34.0

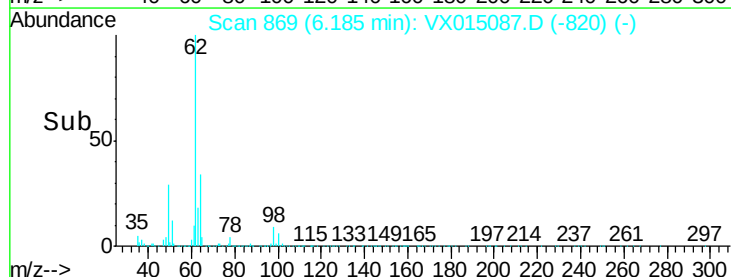
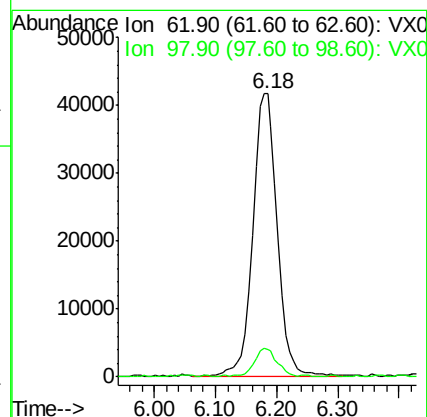
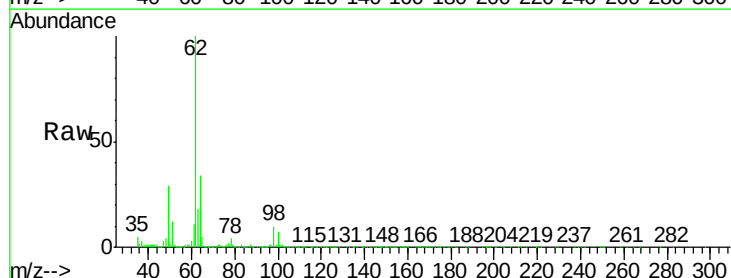
Manual Integrations
APPROVED

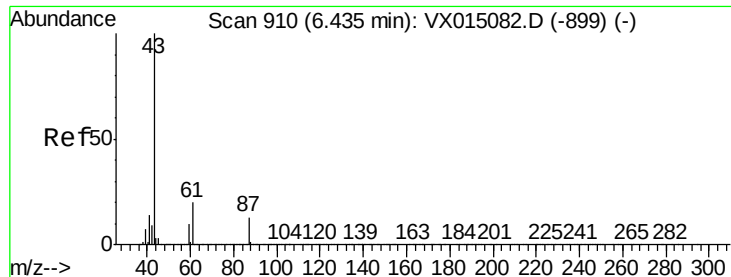
MMDadoda
3/5/2020 3:53:48 PM



#42
1,2-Dichloroethane
Concen: 20.850 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ion	Ratio	Lower	Upper
117476	62	100		
	98	9.5	0.0	20.6





#43

Isopropyl Acetate

Concen: 20.011 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

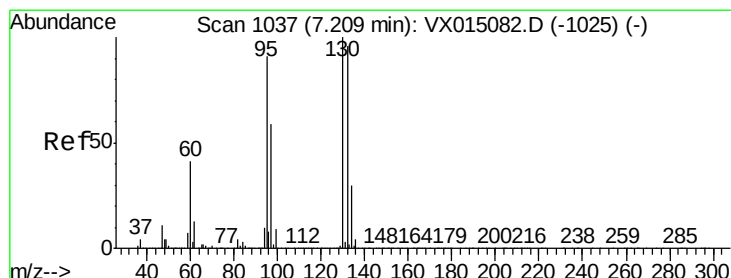
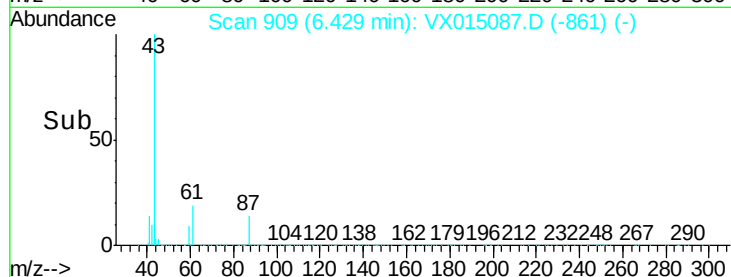
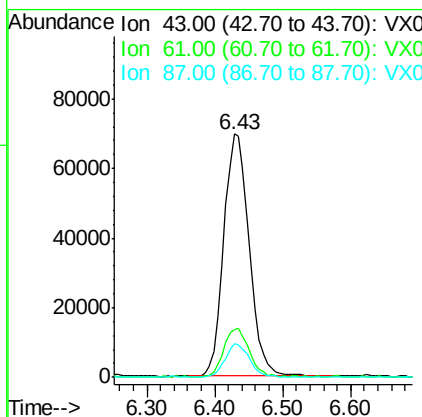
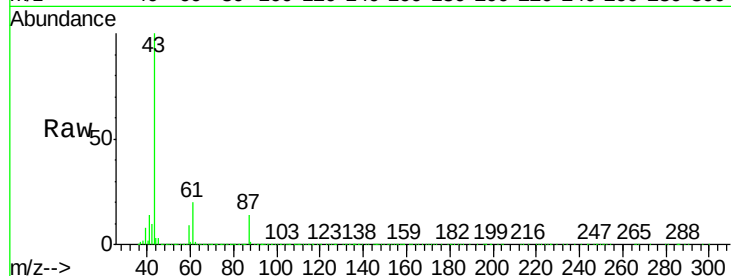
ClientSampleId :

VX0304WBS01

Tot Ion:	43	Resp:	180587
Ion Ratio		Lower	Upper
43	100		
61	20.0	16.1	24.1
87	13.2	10.6	16.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#44

Trichloroethene

Concen: 19.124 ug/l

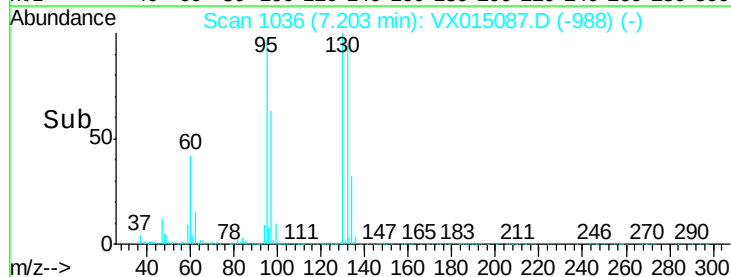
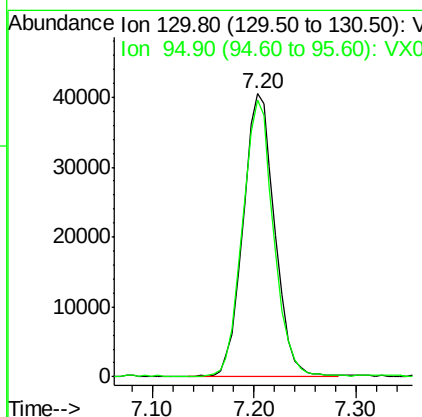
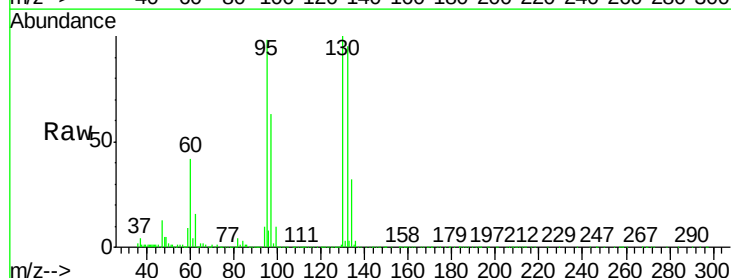
RT: 7.20 min Scan# 1036

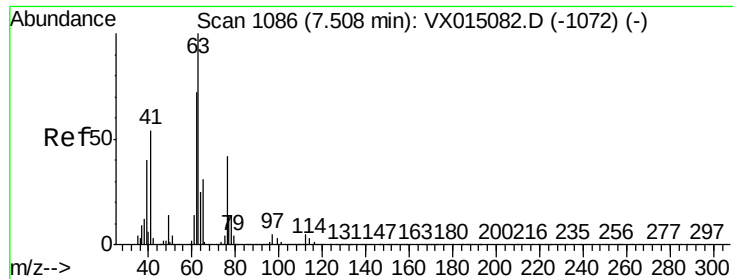
Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion:	130	Resp:	87382
Ion Ratio		Lower	Upper
130	100		
95	97.4	0.0	181.2





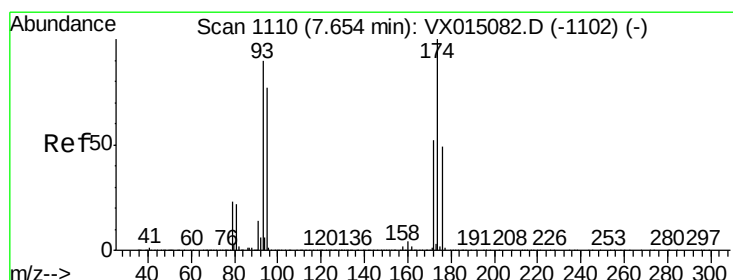
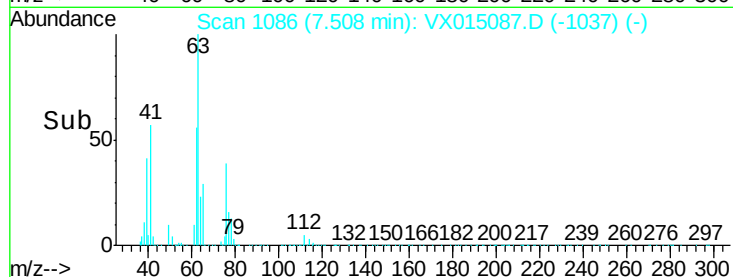
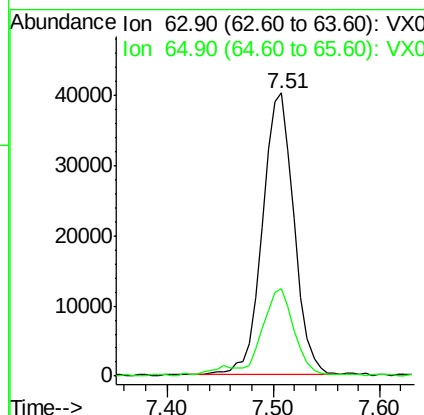
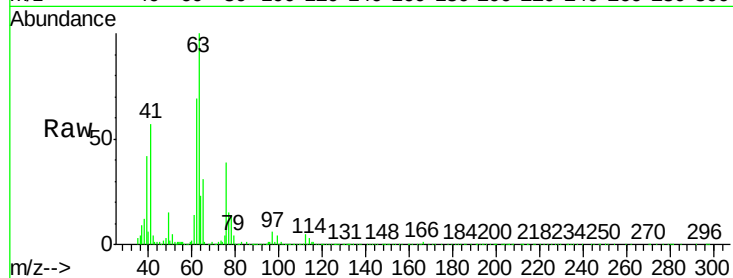
#45
 1,2-Dichloropropane
 Concen: 19.540 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

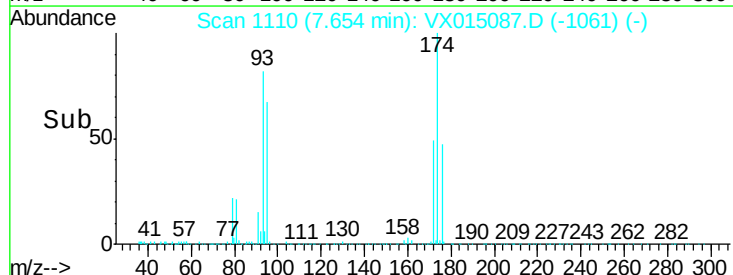
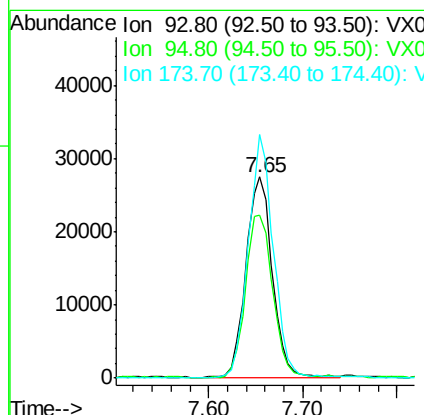
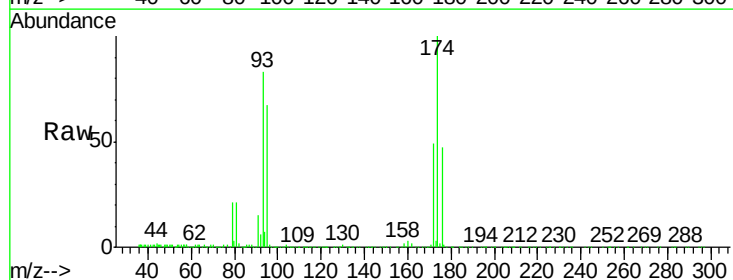
Manual Integrations
 APPROVED

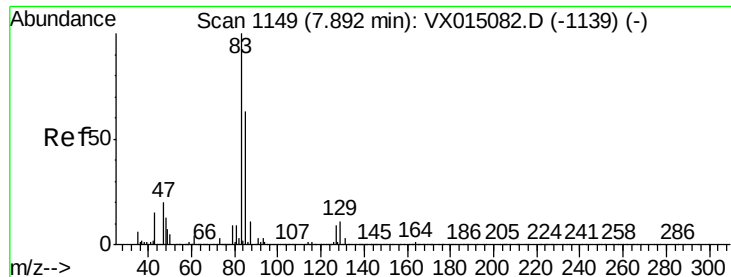
MMDadoda
 3/5/2020 3:53:48 PM



#46
 Dibromomethane
 Concen: 19.442 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.8	101.8
174	115.0	91.0	136.4





#47

Bromodichloromethane

Concen: 19.776 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

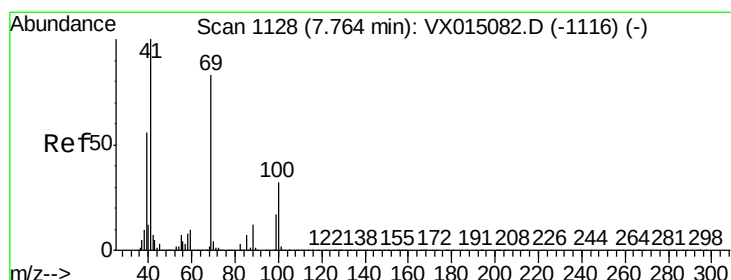
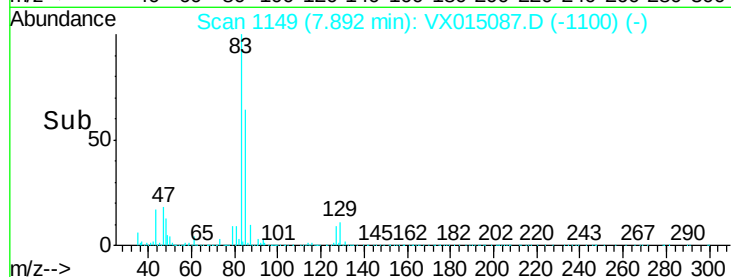
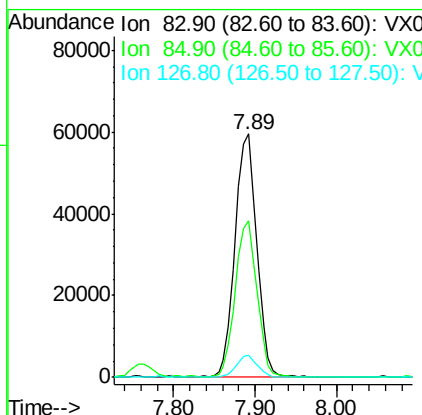
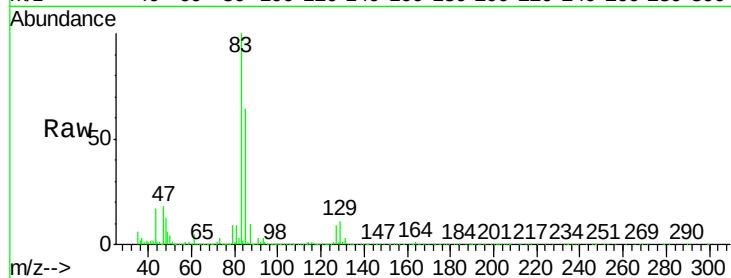
ClientSampleId :

VX0304WBS01

Tot Ion:	83	Resp:	108219
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.6	75.8
127	9.0	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#48

Methyl methacrylate

Concen: 19.259 ug/l

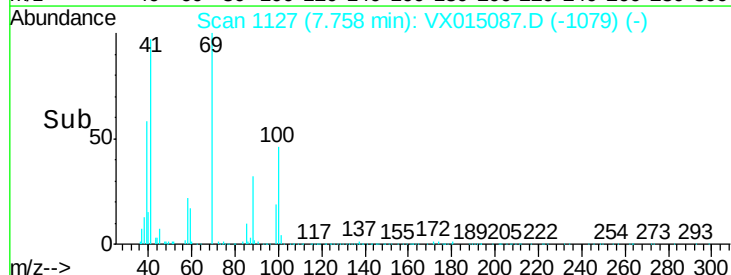
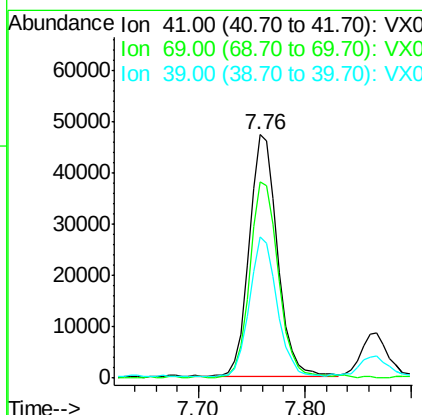
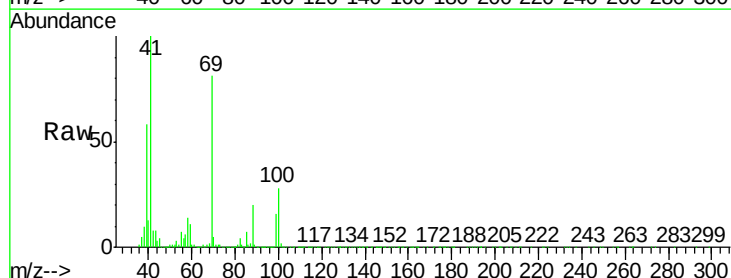
RT: 7.76 min Scan# 1127

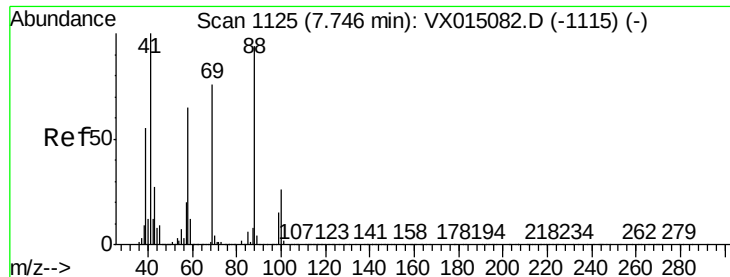
Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion:	41	Resp:	88459
Ion Ratio	Lower	Upper	
41	100		
69	80.8	65.4	98.2
39	56.5	44.6	67.0





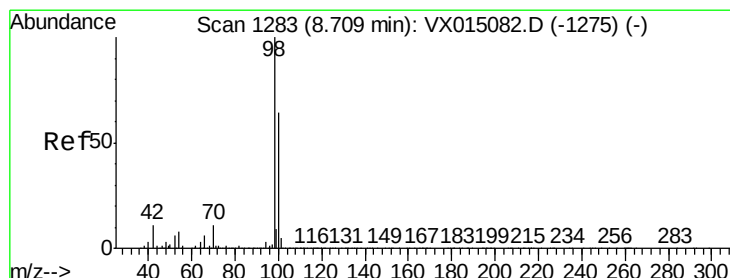
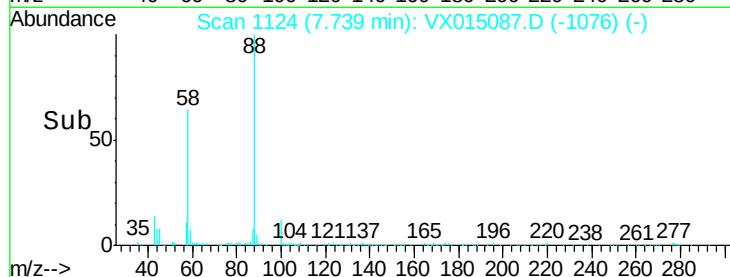
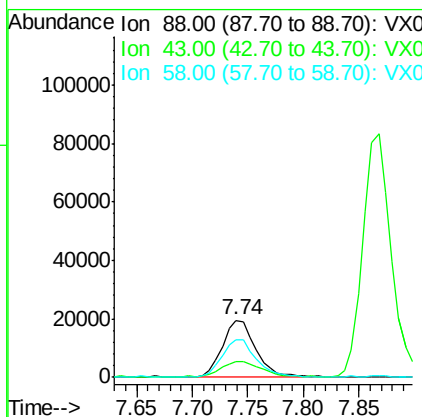
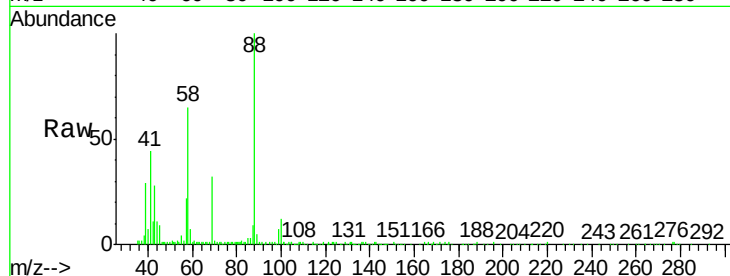
#49
1,4-Dioxane
Concen: 408.160 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.0	40.4
58	66.8	55.6	83.4

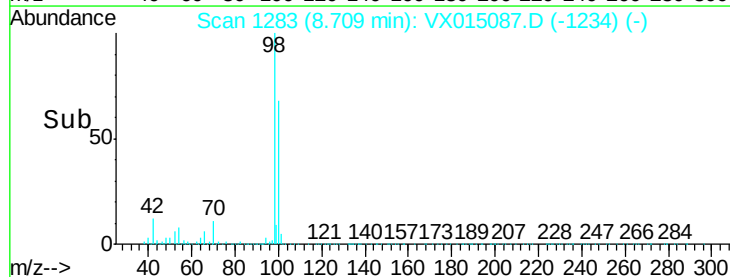
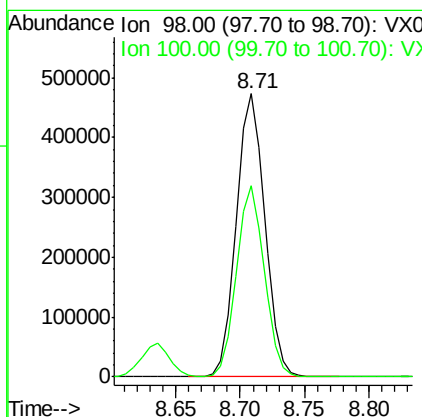
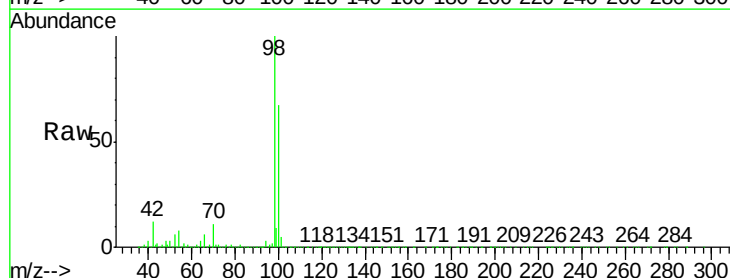
Manual Integrations
APPROVED

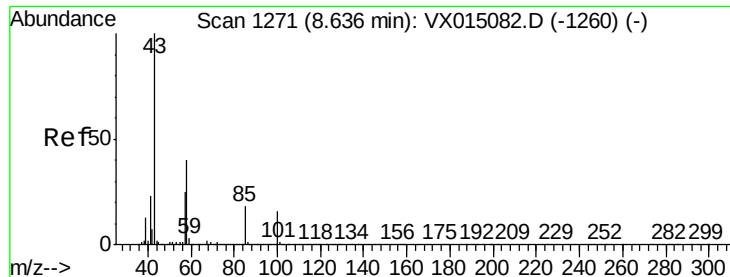
MMDadoda
3/5/2020 3:53:48 PM



#50
Toluene-d8
Concen: 50.576 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6





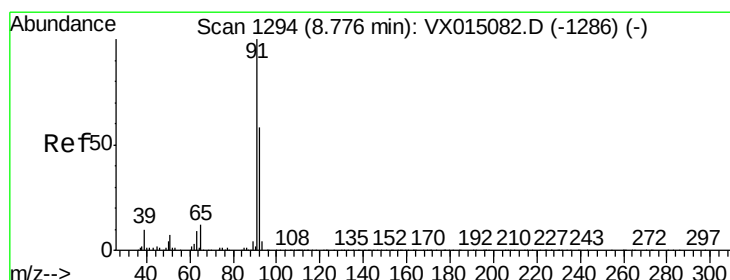
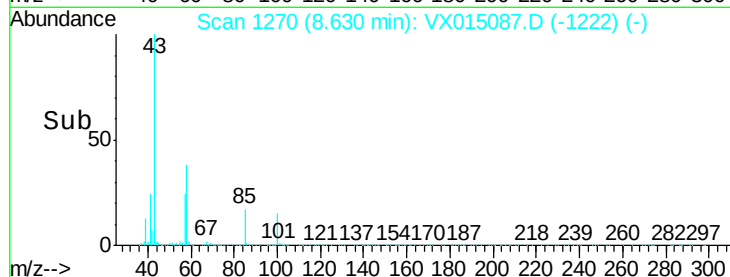
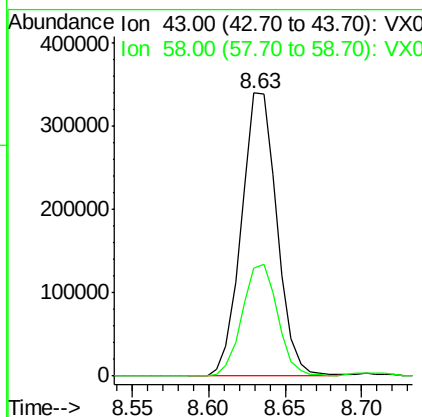
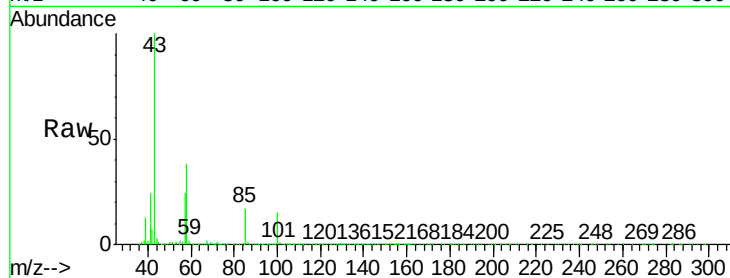
#51
4-Methyl-2-Pentanone
Concen: 102.700 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4

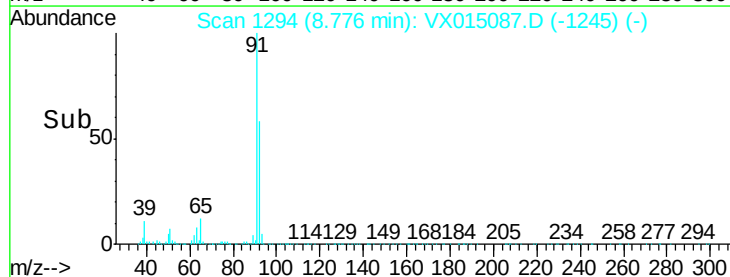
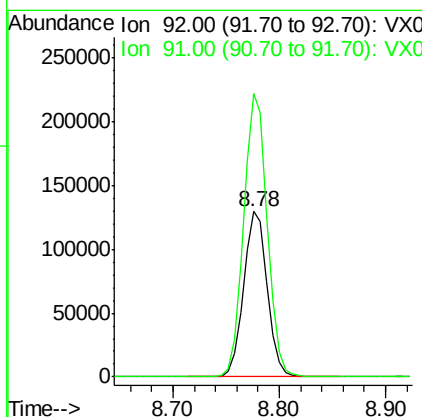
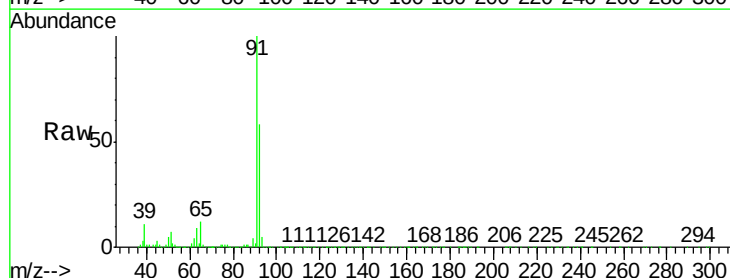
Manual Integrations
APPROVED

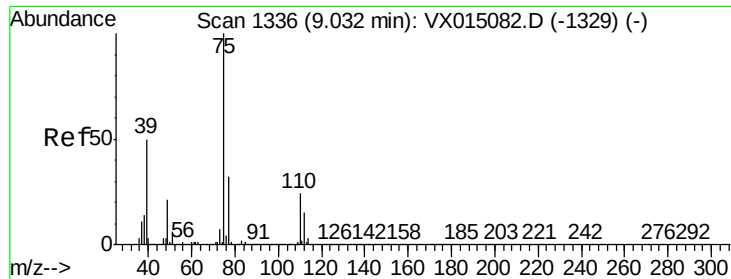
MMDadoda
3/5/2020 3:53:48 PM



#52
Toluene
Concen: 20.032 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.1	136.9	205.3





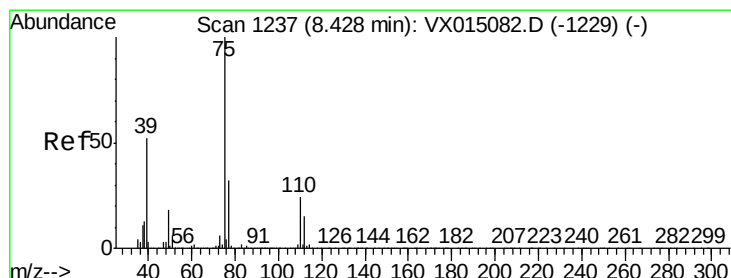
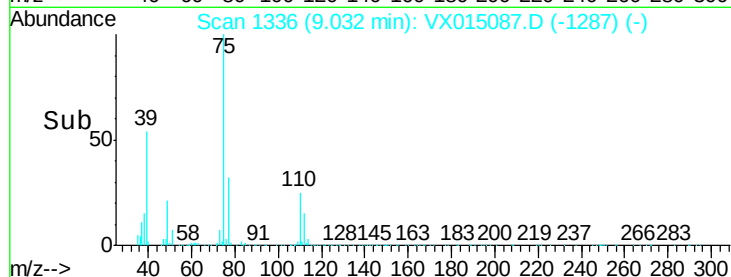
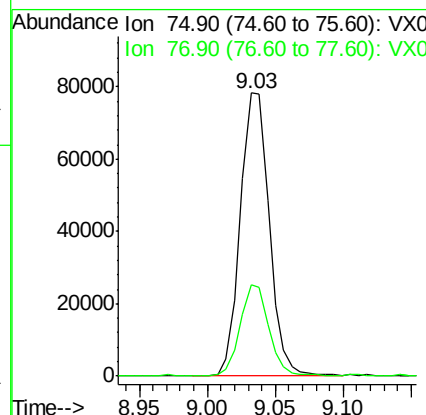
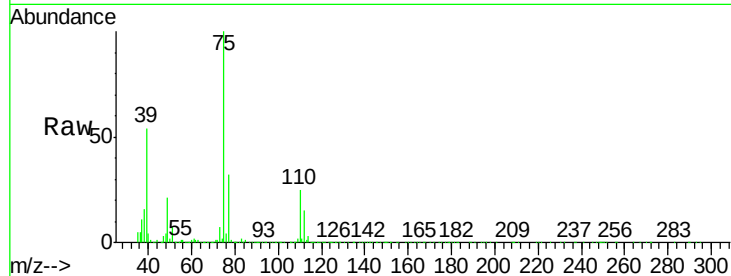
#53
t-1,3-Dichloropropene
Concen: 20.006 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.4	38.0

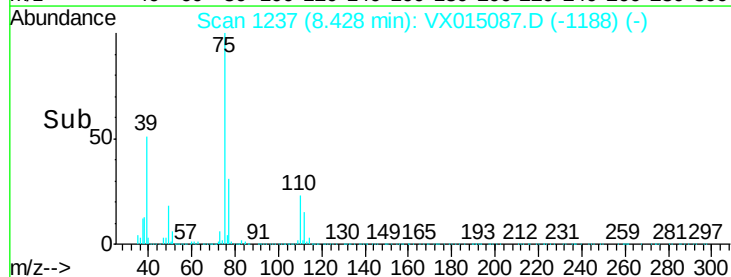
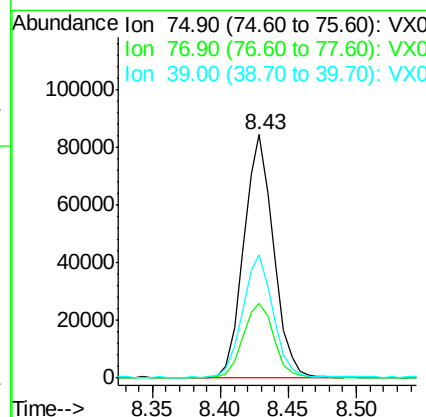
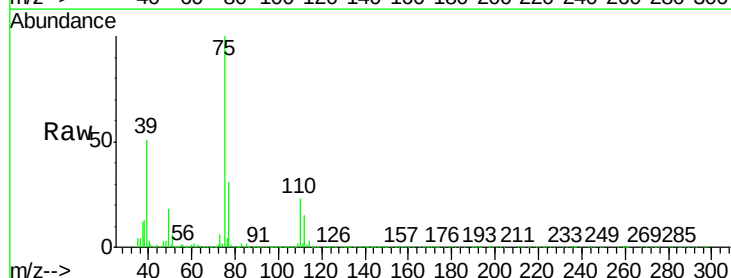
Manual Integrations
APPROVED

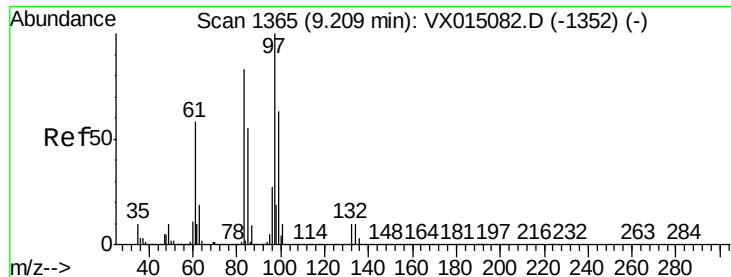
MMDadoda
3/5/2020 3:53:48 PM



#54
cis-1,3-Dichloropropene
Concen: 19.564 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.8	38.6
39	50.2	41.3	61.9





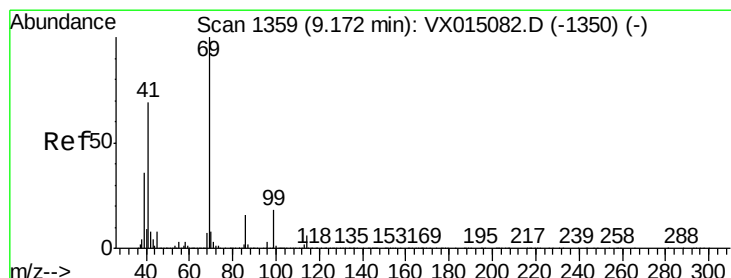
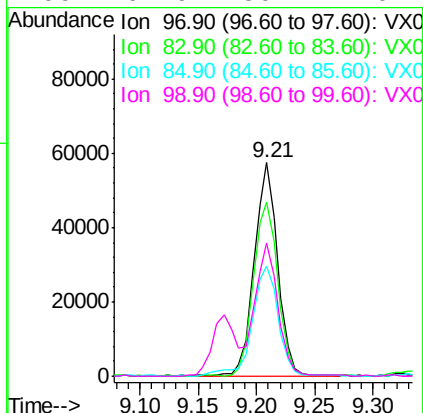
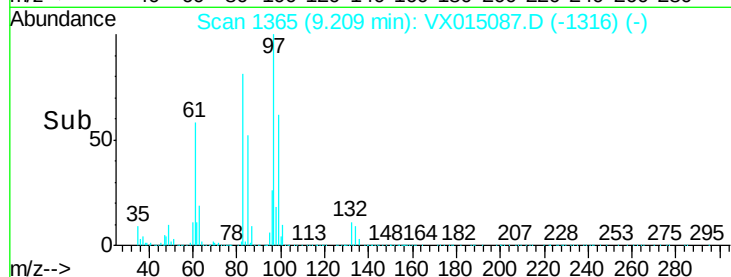
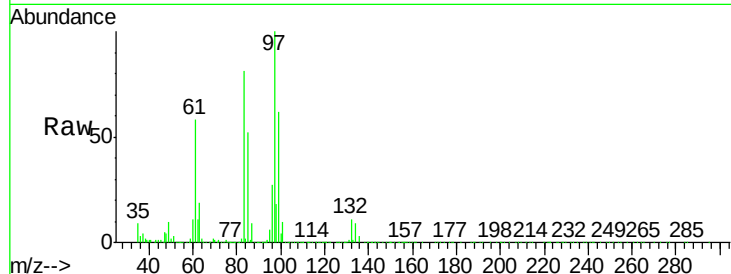
#55
 1,1,2-Trichloroethane
 Concen: 19.619 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.4	99.6
85	51.6	43.5	65.3
99	61.9	50.7	76.1

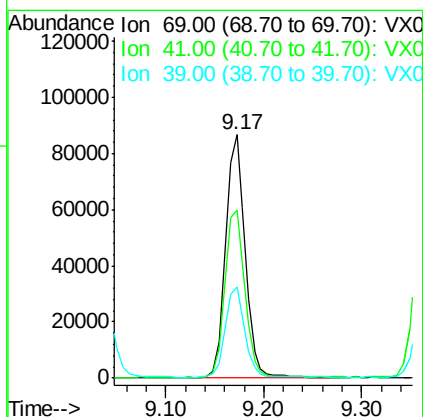
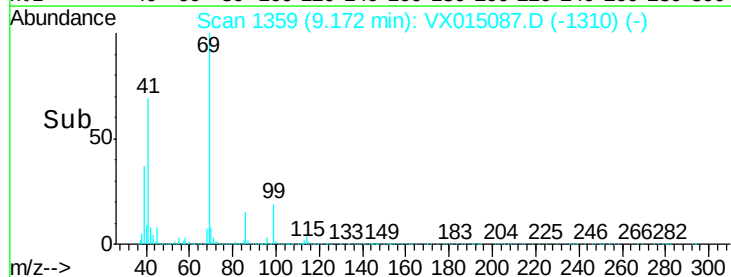
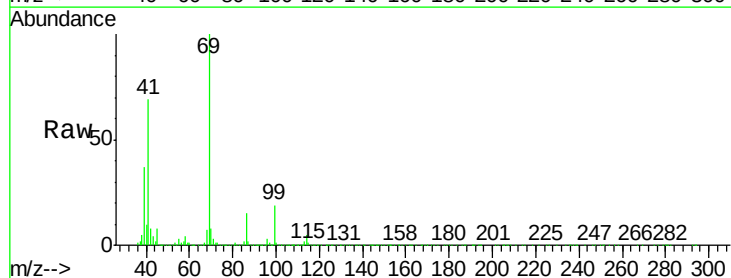
Manual Integrations
 APPROVED

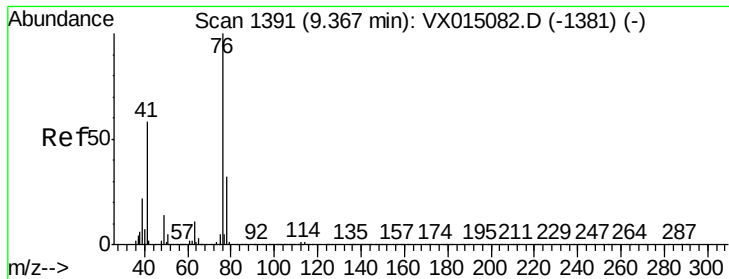
MMDadoda
 3/5/2020 3:53:48 PM



#56
 Ethyl methacrylate
 Concen: 20.334 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
69	100		
41	70.2	55.8	83.8
39	36.9	29.4	44.2





#57

1,3-Dichloropropane

Concen: 20.018 ug/l

RT: 9.36 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 76 Resp: 139060

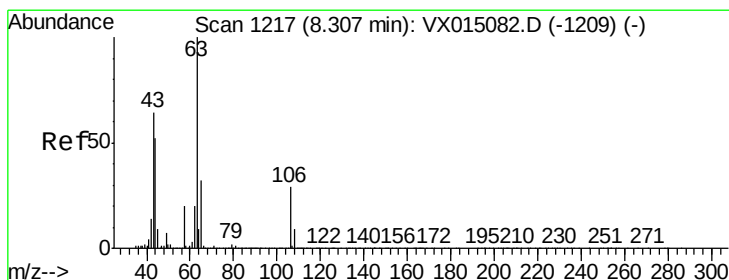
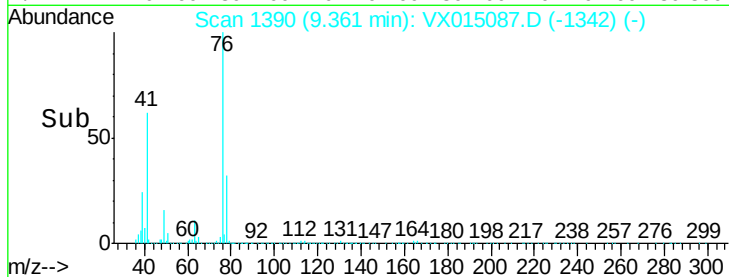
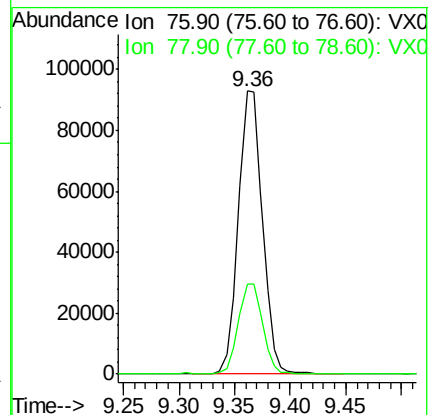
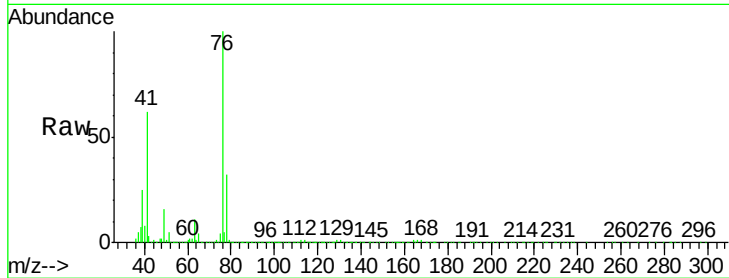
Ion Ratio Lower Upper

76 100

78 31.8 25.6 38.4

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#58

2-Chloroethyl Vinyl ether

Concen: 97.937 ug/l

RT: 8.30 min Scan# 1216

Delta R.T. -0.01 min

Lab File: VX015087.D

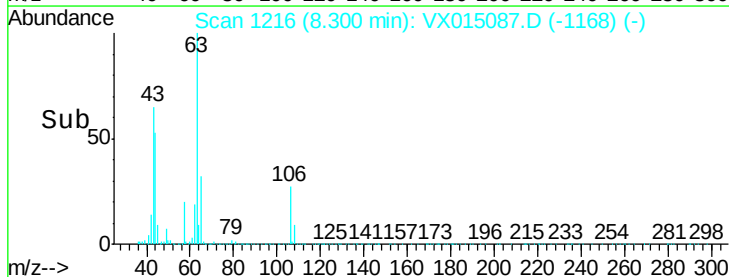
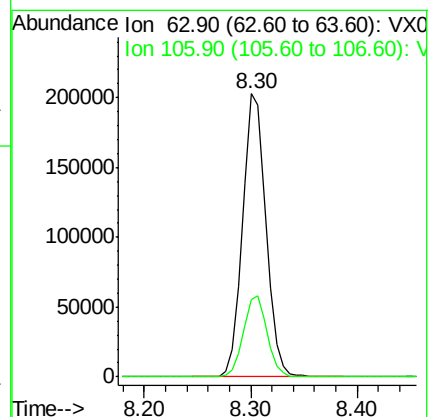
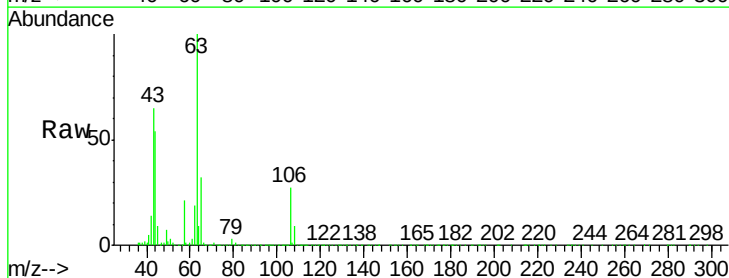
Acq: 04 Mar 2020 15:01

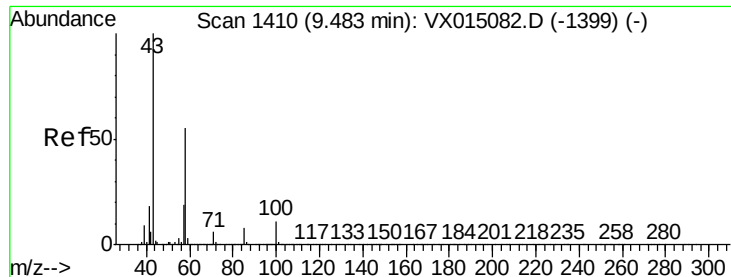
Tgt Ion: 63 Resp: 314234

Ion Ratio Lower Upper

63 100

106 28.6 22.8 34.2





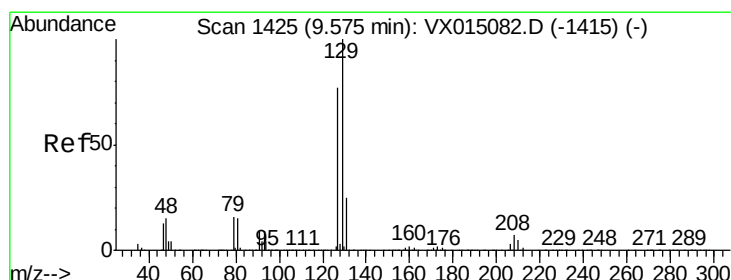
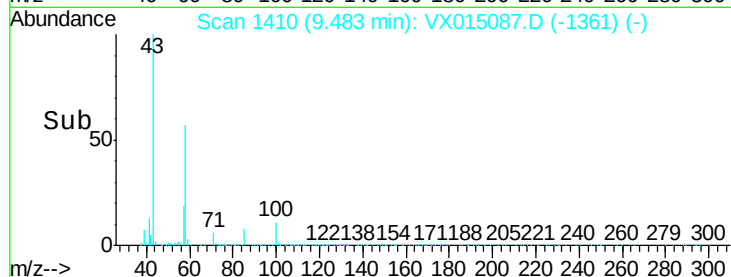
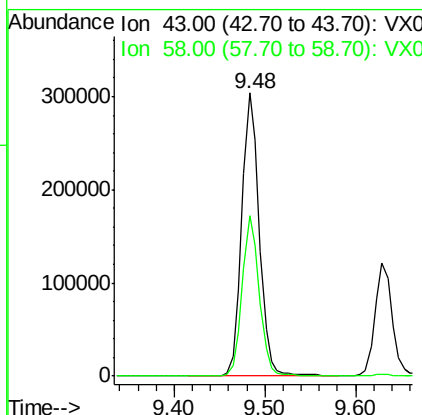
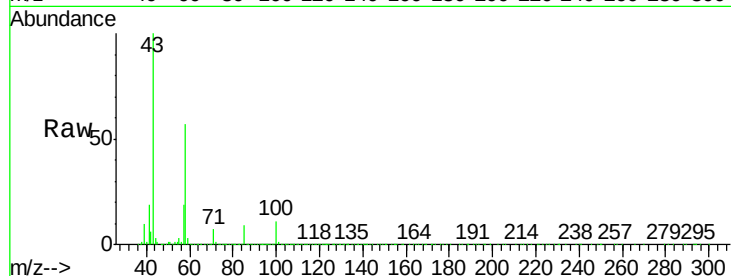
#59
2-Hexanone
Concen: 102.778 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.5	27.3	81.8

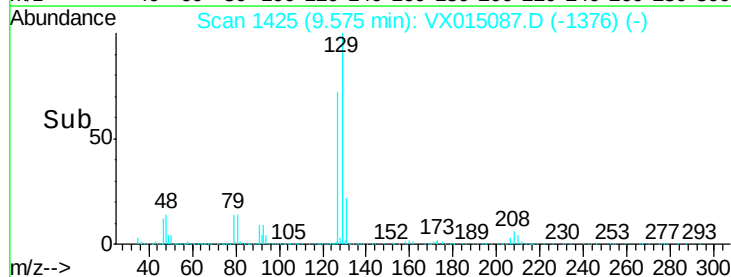
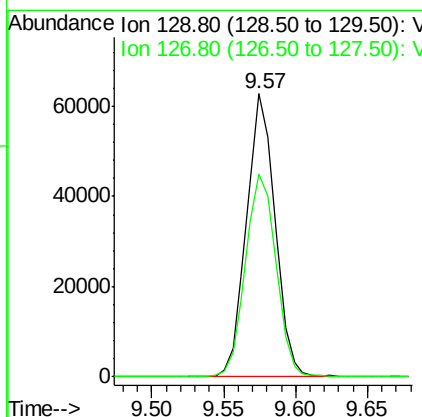
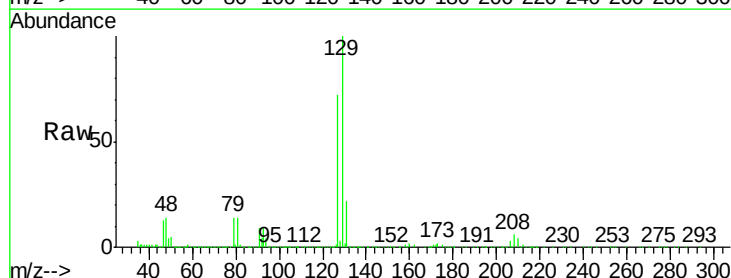
Manual Integrations
APPROVED

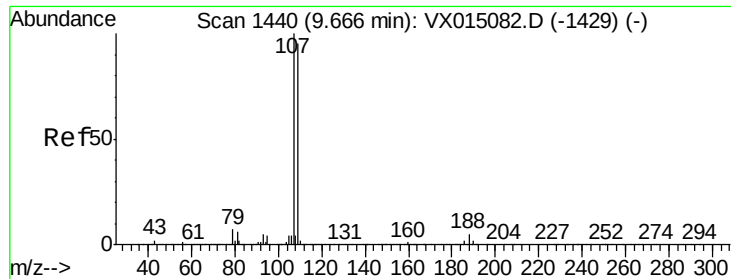
MMDadoda
3/5/2020 3:53:48 PM



#60
Dibromochloromethane
Concen: 19.792 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.8	116.3





#61

1,2-Dibromoethane

Concen: 19.485 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion:107 Resp: 84508

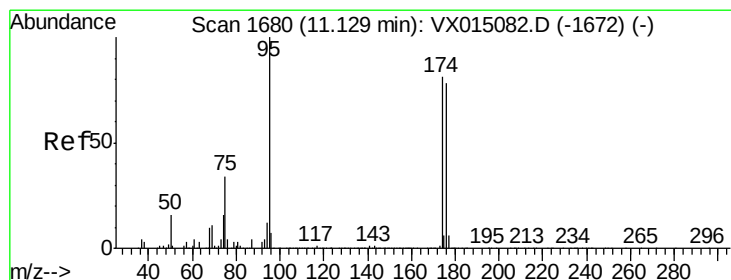
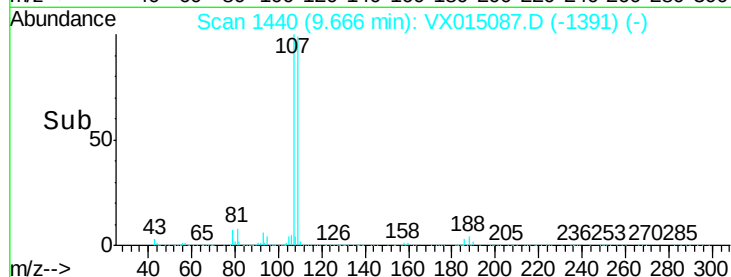
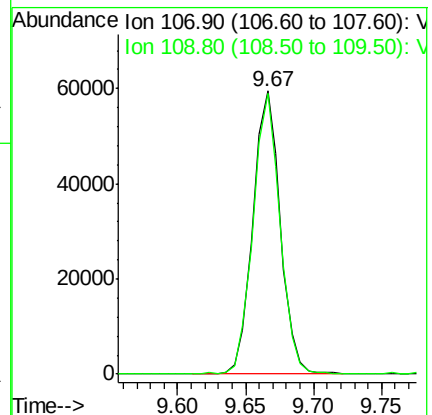
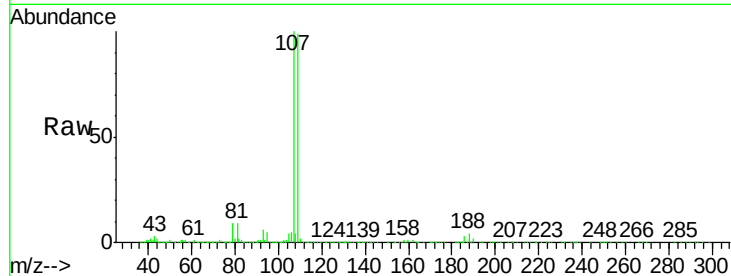
Ion Ratio Lower Upper

107 100

109 97.4 75.6 113.4

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#62

4-Bromofluorobenzene

Concen: 49.952 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

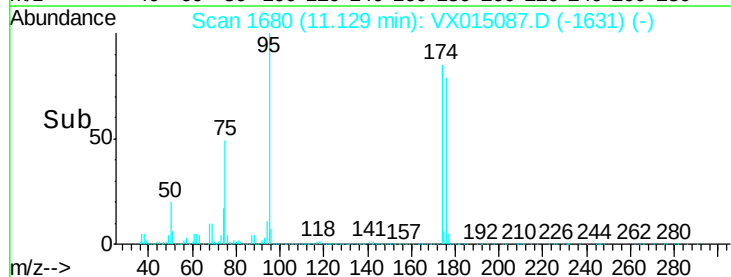
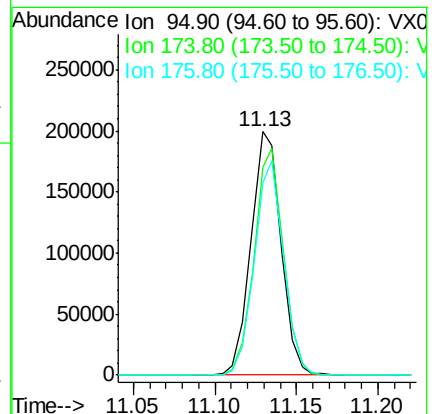
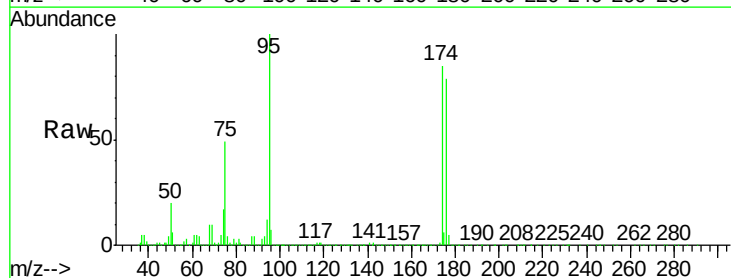
Tgt Ion: 95 Resp: 255773

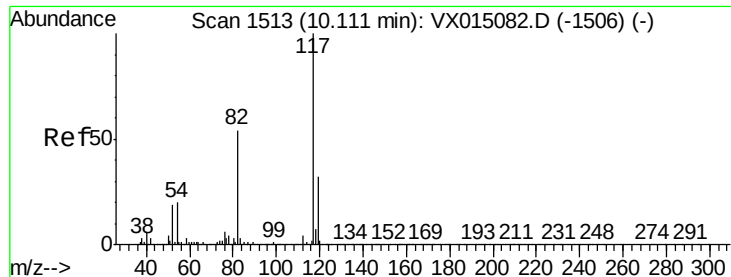
Ion Ratio Lower Upper

95 100

174 90.9 0.0 177.6

176 86.0 0.0 170.2





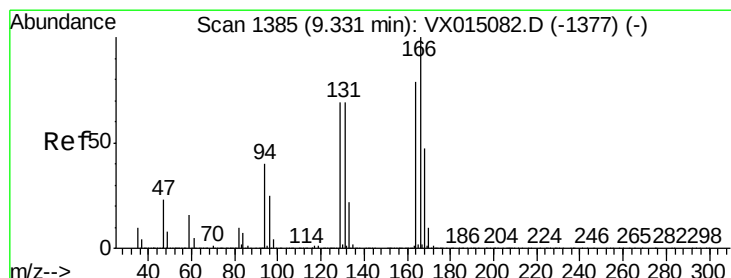
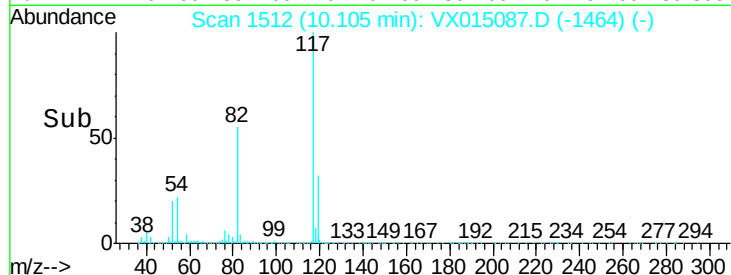
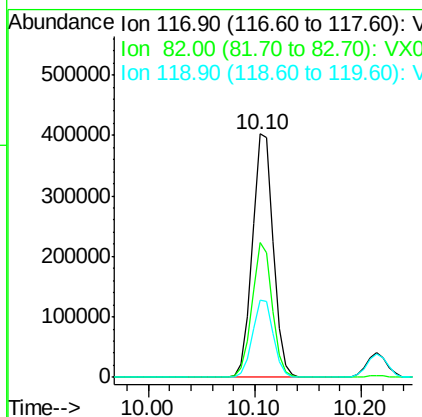
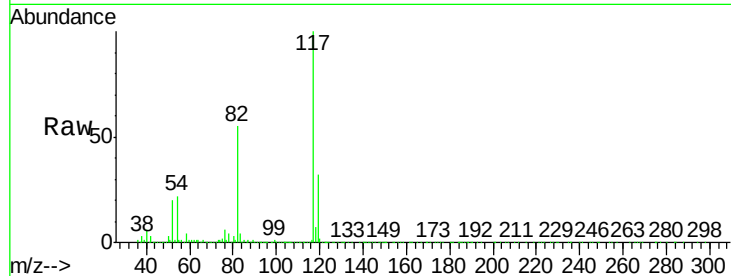
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	554769		
82	55.3	43.3	64.9	
119	31.9	25.8	38.8	

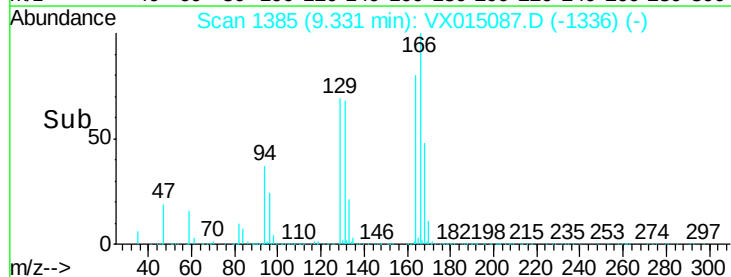
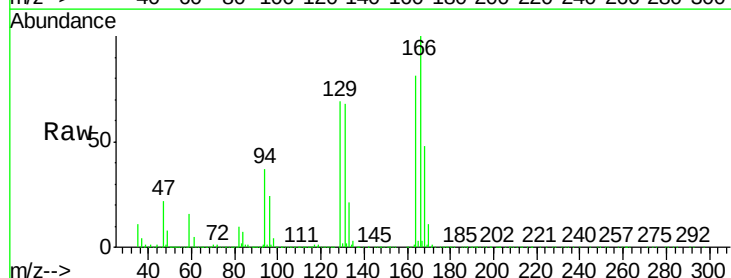
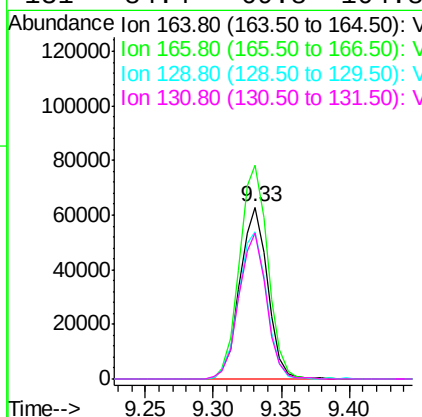
Manual Integrations
APPROVED

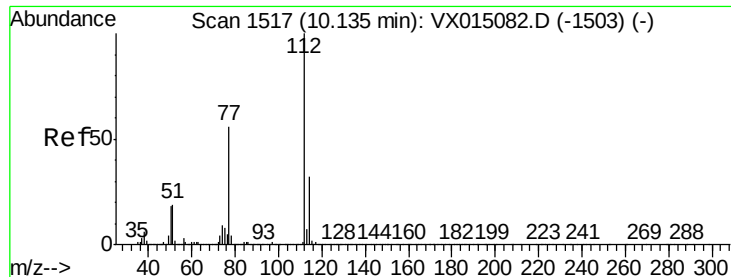
MMDadoda
3/5/2020 3:53:48 PM



#64
Tetrachloroethene
Concen: 19.446 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	89196		
166	124.1	101.1	151.7	
129	85.6	69.4	104.0	
131	84.4	69.8	104.8	





#65

Chlorobenzene

Concen: 19.545 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion:112 Resp: 217690

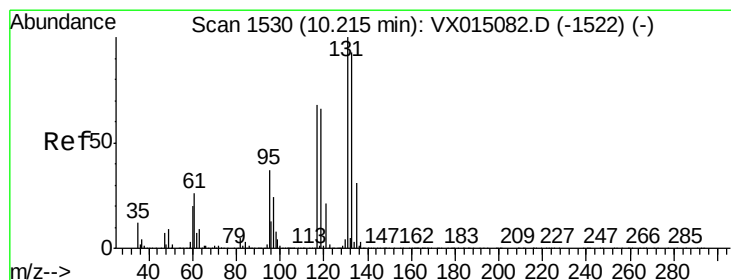
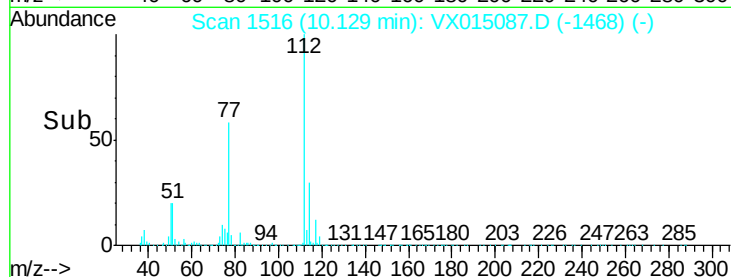
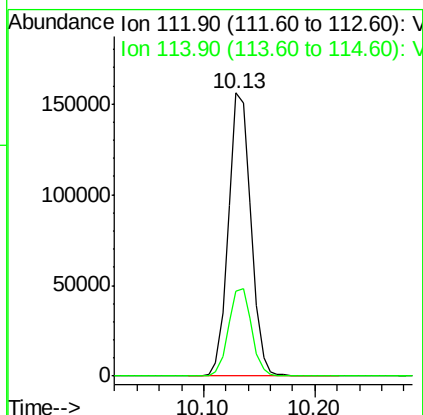
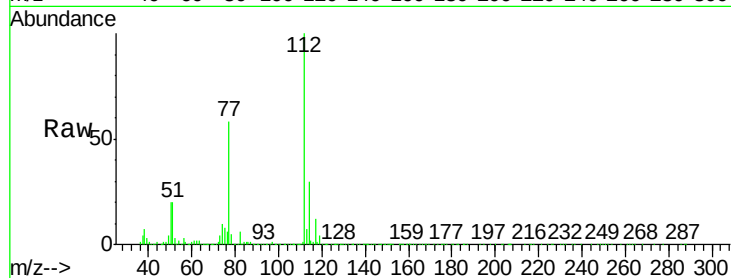
Ion Ratio Lower Upper

112 100

114 29.8 25.5 38.3

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 18.730 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

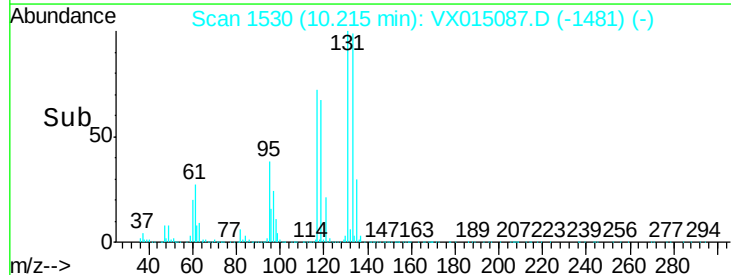
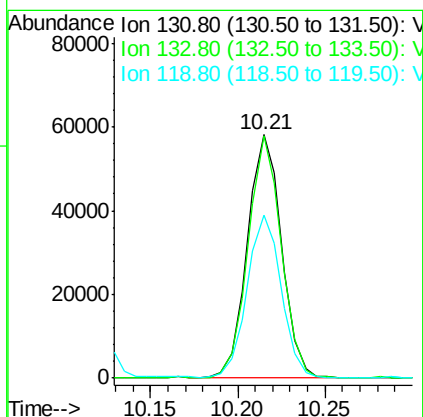
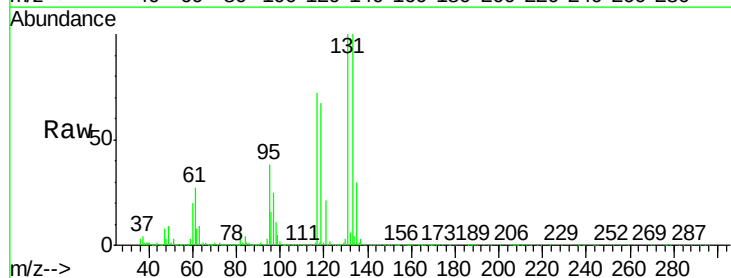
Tgt Ion:131 Resp: 78662

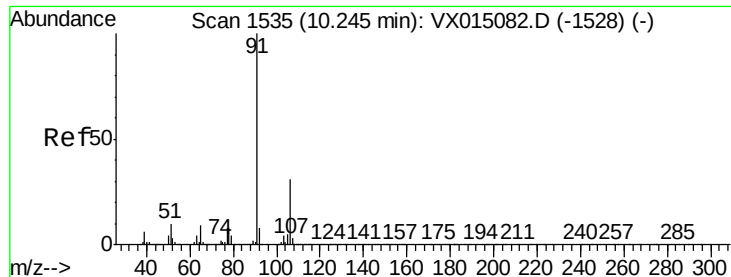
Ion Ratio Lower Upper

131 100

133 97.4 47.5 142.5

119 67.2 33.4 100.1





#67

Ethyl Benzene

Concen: 20.091 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 91 Resp: 379974

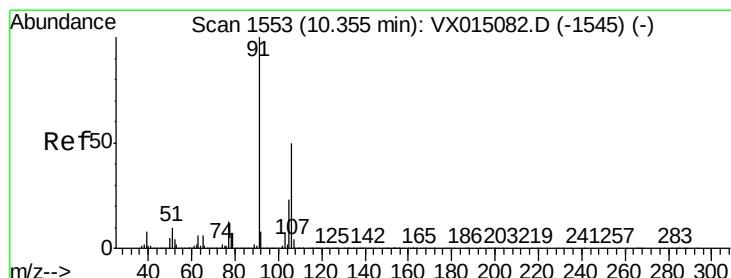
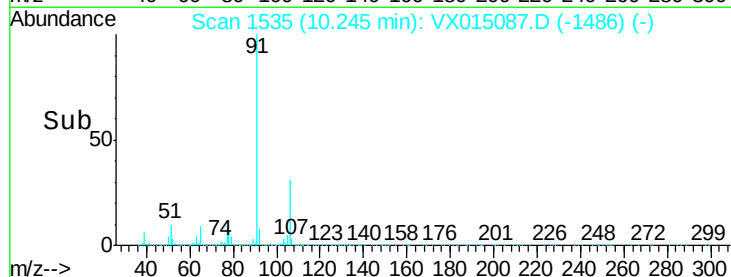
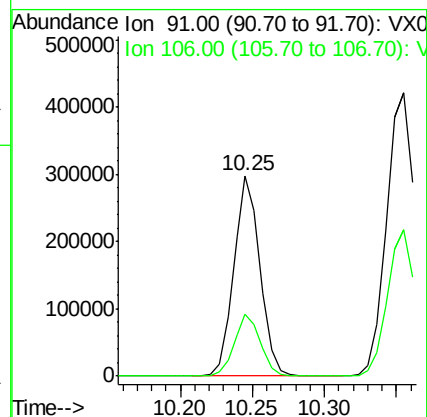
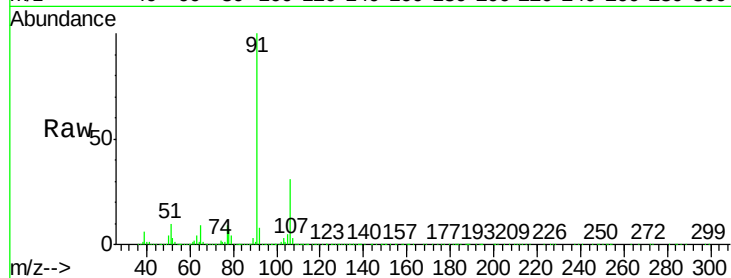
Ion Ratio Lower Upper

91 100

106 31.0 24.9 37.3

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#68

m/p-Xylenes

Concen: 40.369 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015087.D

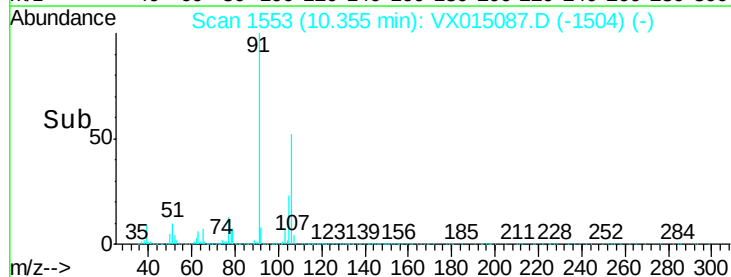
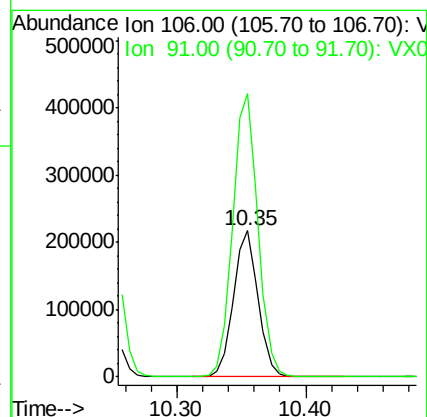
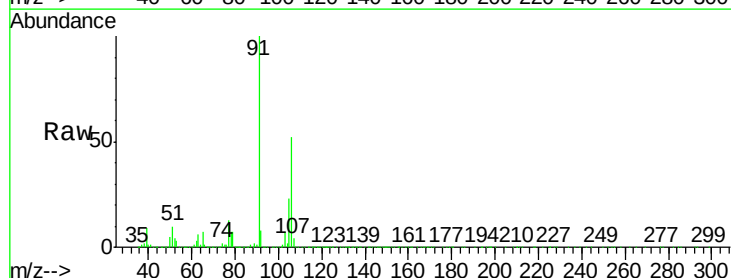
Acq: 04 Mar 2020 15:01

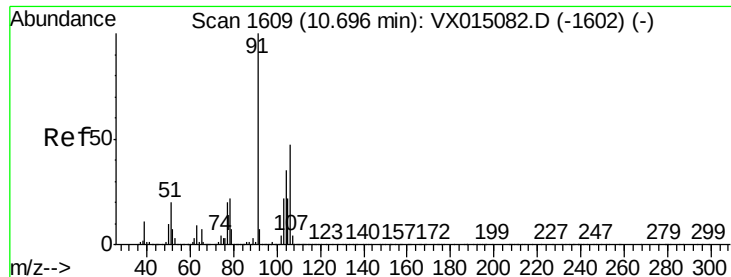
Tgt Ion: 106 Resp: 290485

Ion Ratio Lower Upper

106 100

91 198.7 159.4 239.2





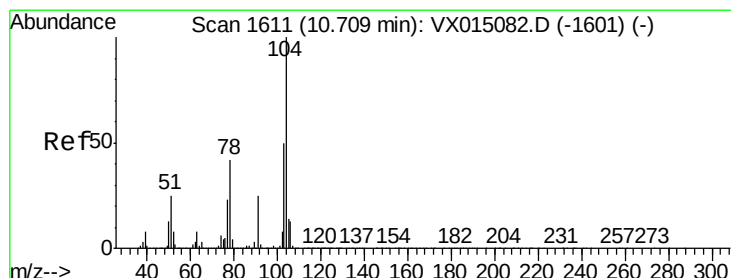
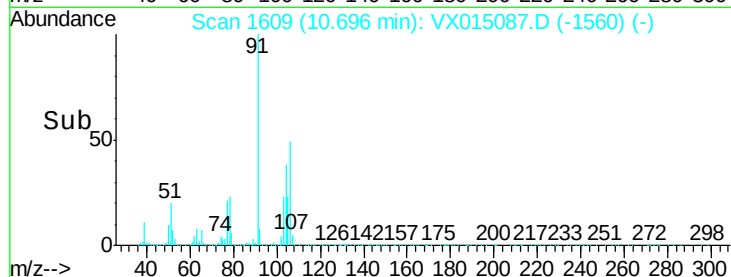
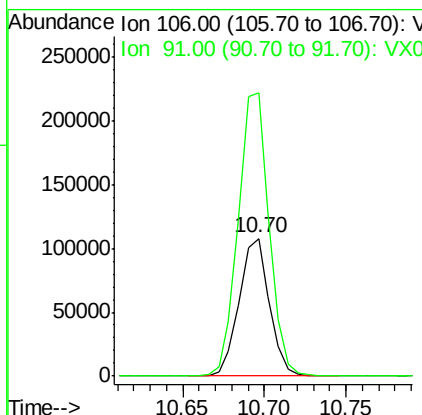
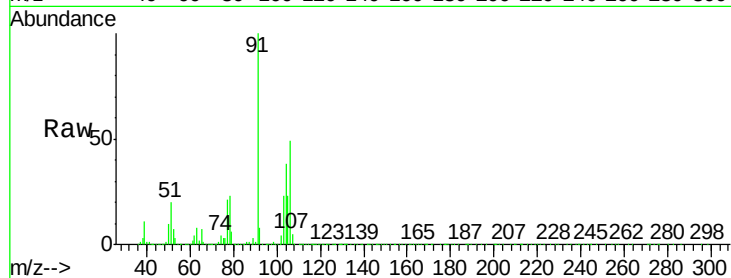
#69
o-Xylene
Concen: 20.193 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	139117		
91	209.9	105.4	316.1	

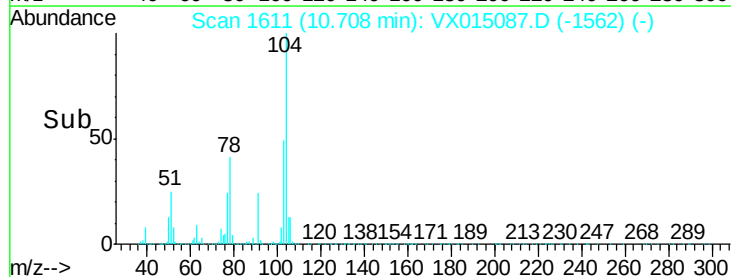
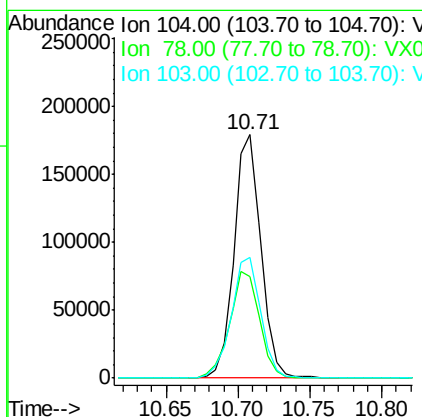
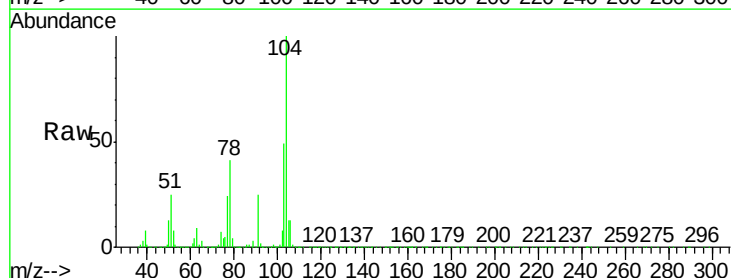
Manual Integrations
APPROVED

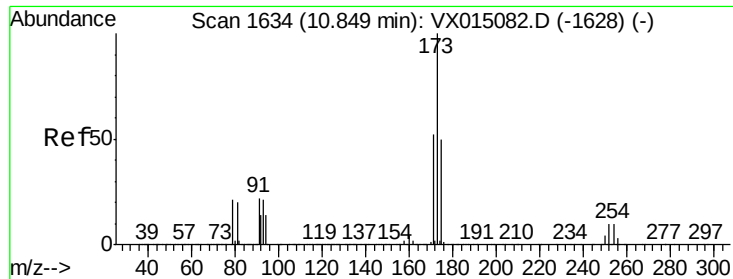
MMDadoda
3/5/2020 3:53:48 PM



#70
Styrene
Concen: 19.763 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	233457		
78	49.1	39.0	58.4	
103	54.3	43.7	65.5	





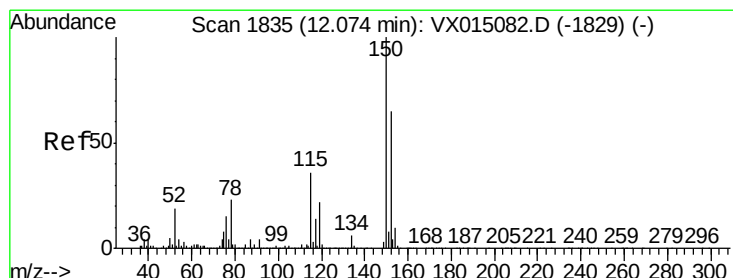
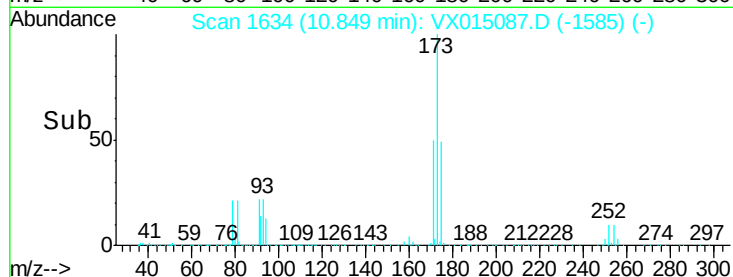
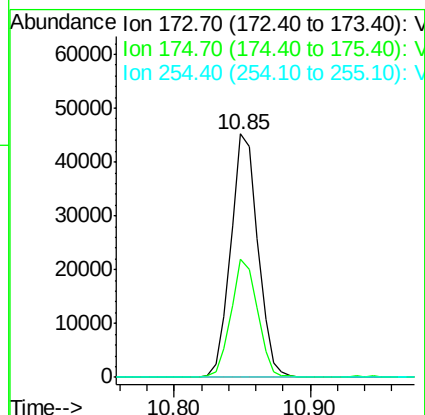
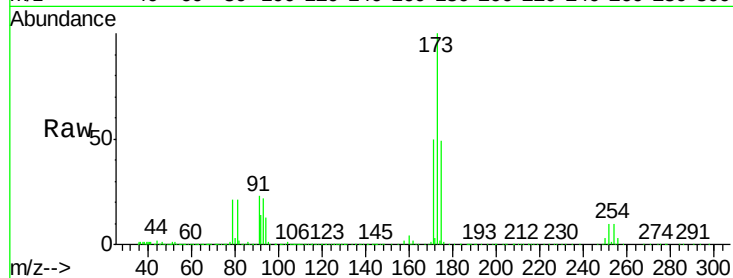
#71
Bromoform
Concen: 19.282 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.1	24.9	74.7
254	0.6	0.2	0.2#

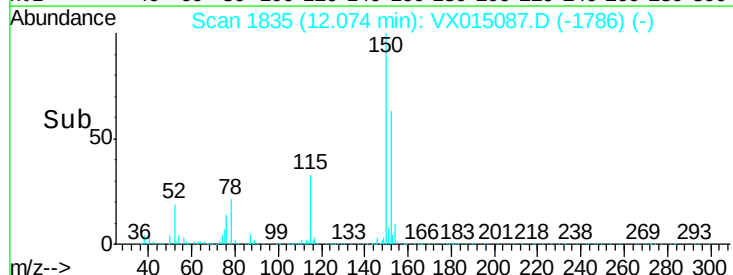
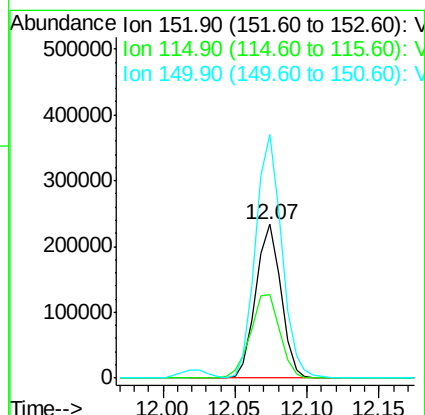
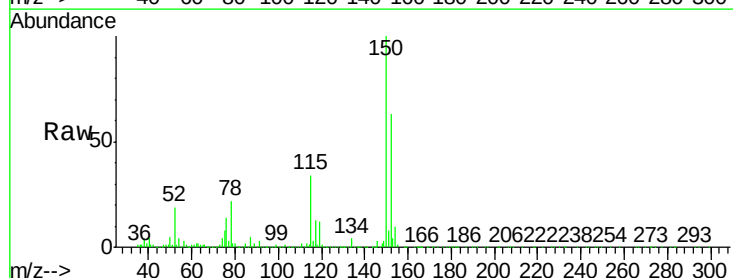
Manual Integrations
APPROVED

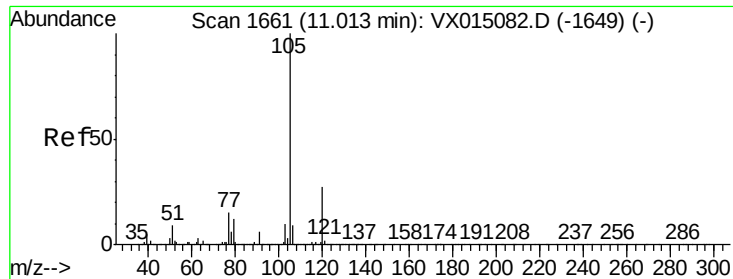
MMDadoda
3/5/2020 3:53:48 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.6	38.2	114.6
150	164.7	0.0	343.8





#73

Isopropylbenzene

Concen: 20.956 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 105 Resp: 375472

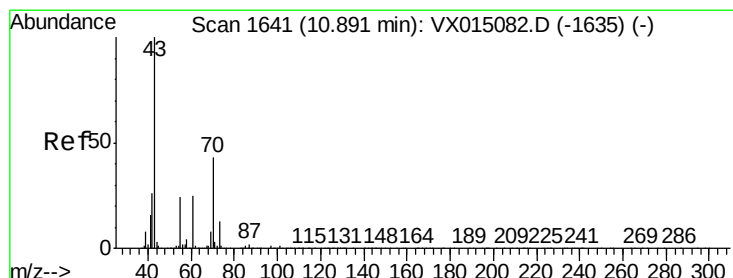
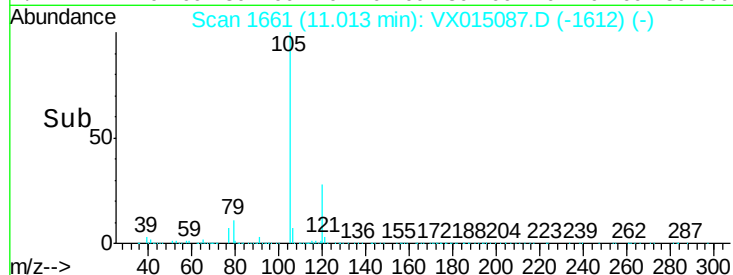
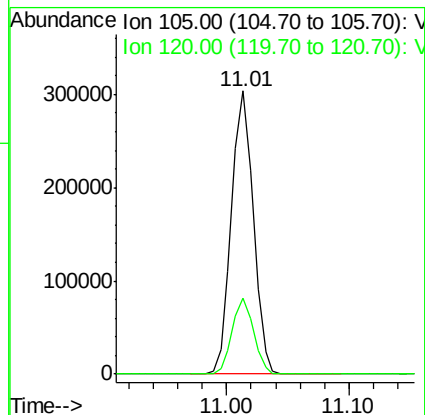
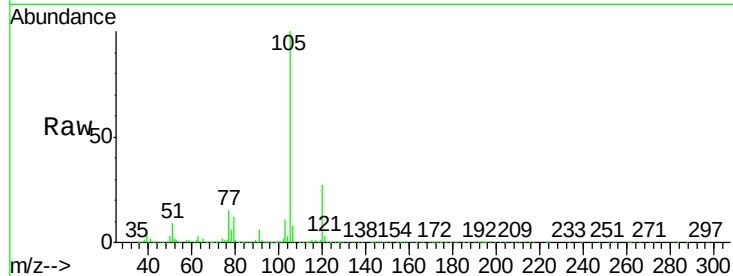
Ion Ratio Lower Upper

105 100

120 26.5 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#74

N-ethyl acetate

Concen: 19.857 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion: 43 Resp: 149938

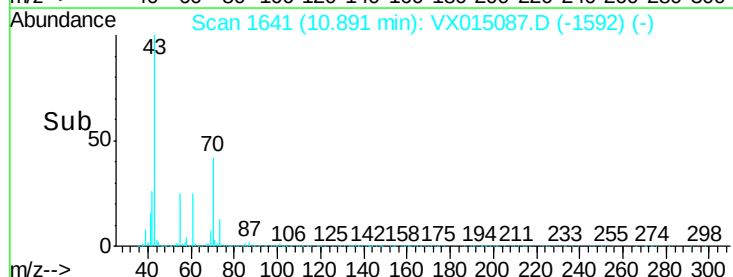
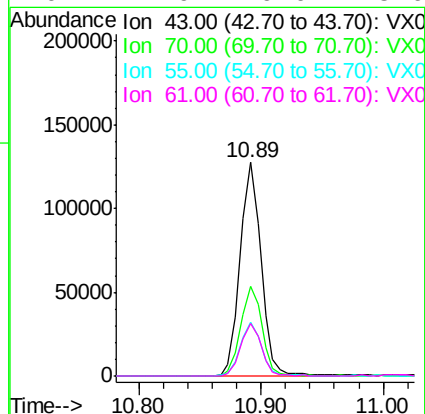
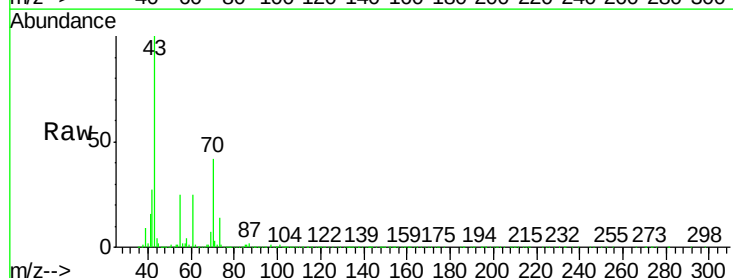
Ion Ratio Lower Upper

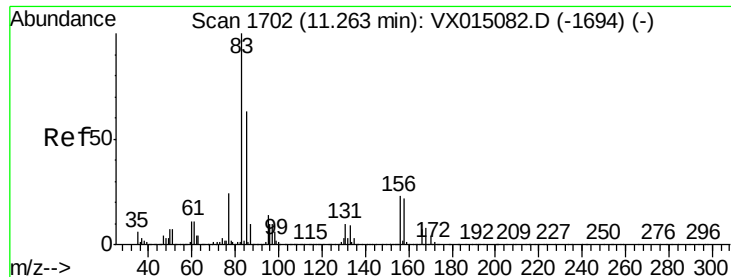
43 100

70 43.4 34.7 52.1

55 25.0 19.4 29.0

61 24.9 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.673 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

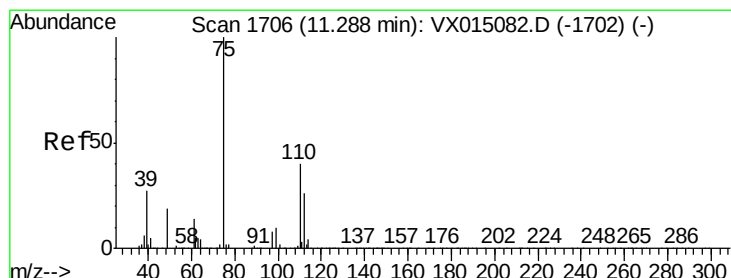
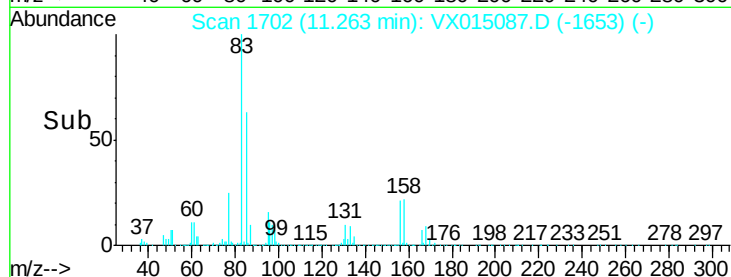
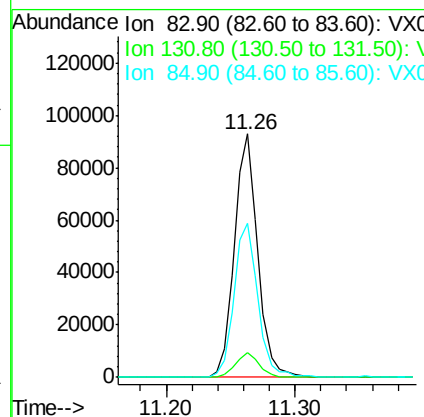
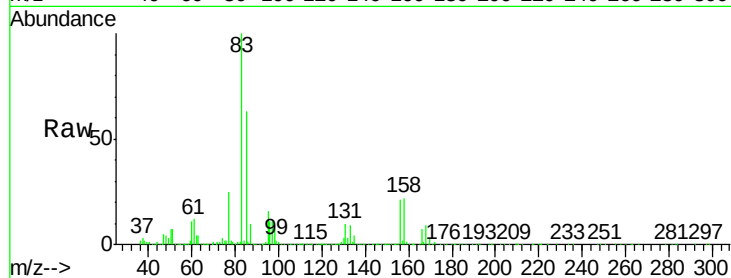
ClientSampleId :

VX0304WBS01

Tot Ion:	83	Resp:	117470
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.0	14.9
85	64.7	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#76

1,2,3-Trichloropropane

Concen: 20.051 ug/l m

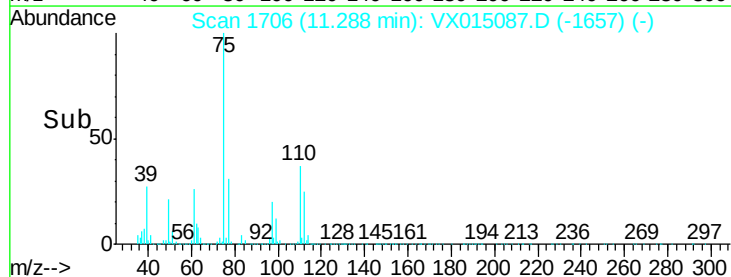
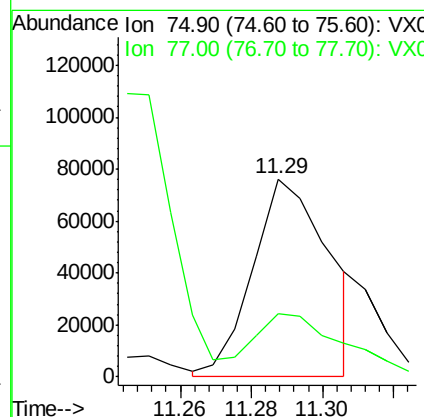
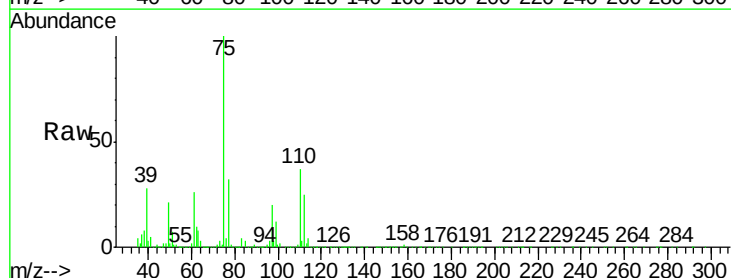
RT: 11.29 min Scan# 1706

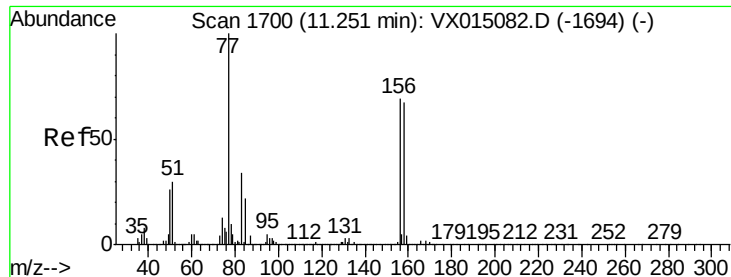
Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Tgt Ion:	75	Resp:	112179
Ion Ratio	Lower	Upper	
75	100		
77	36.0	22.6	67.8





#77

Bromobenzene

Concen: 19.255 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

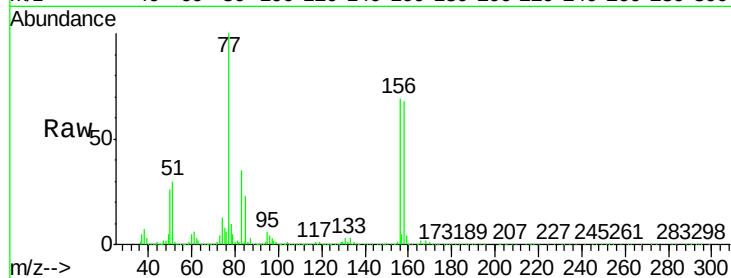
ClientSampled :

VX0304WBS01

Tot Ion:	156	Resp:	96144
Ion Ratio	Lower	Upper	
156	100		
77	153.5	75.3	225.9
158	98.5	48.5	145.6

Manual Integrations
APPROVED

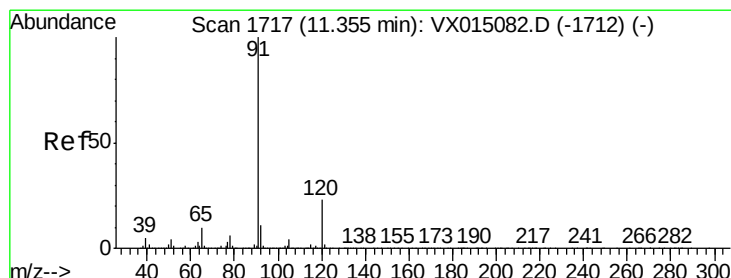
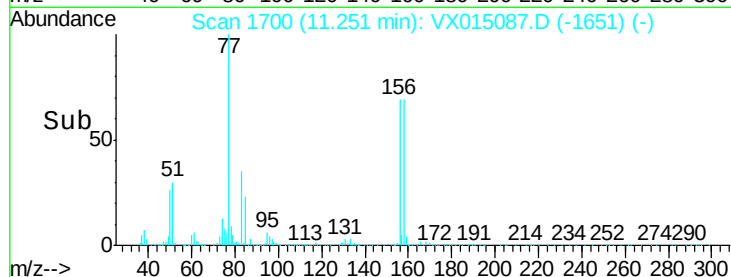
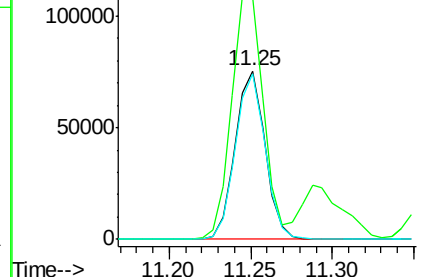
MMDadoda
3/5/2020 3:53:48 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.615 ug/l

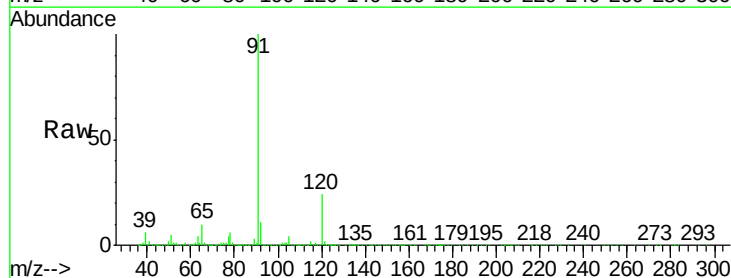
RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX015087.D

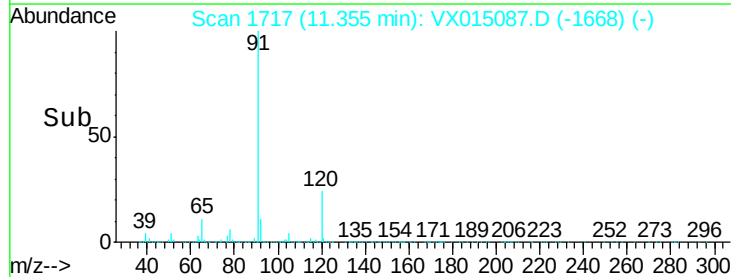
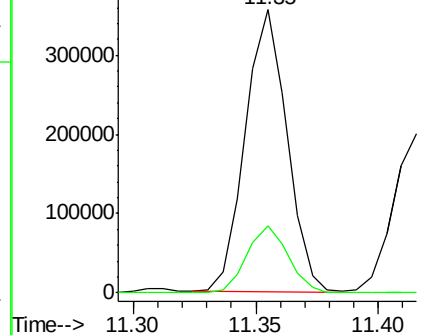
Acq: 04 Mar 2020 15:01

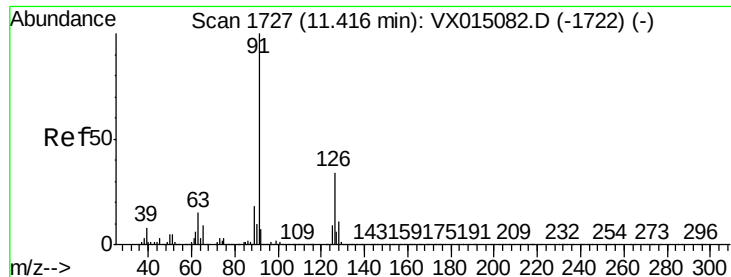
Tgt Ion:	91	Resp:	421981
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.478 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion: 91 Resp: 250332

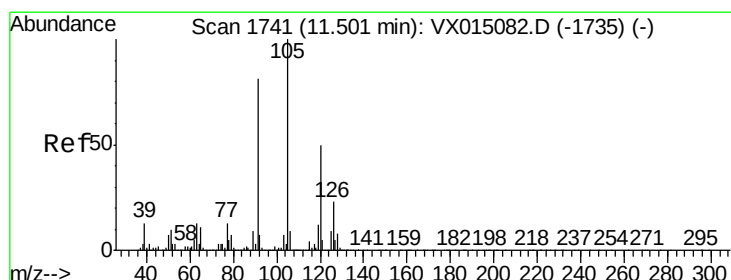
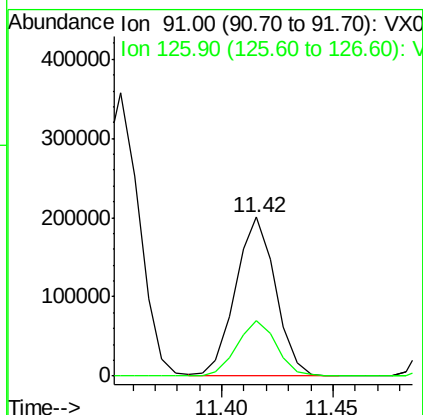
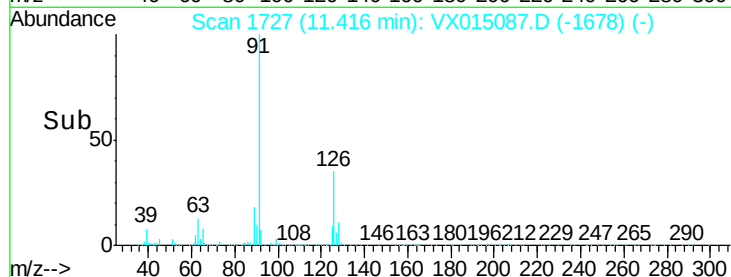
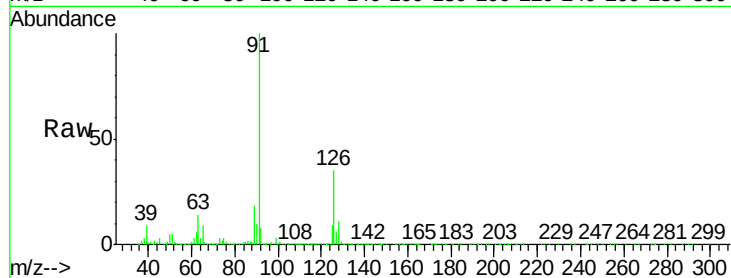
Ion Ratio Lower Upper

91 100

126 34.7 17.3 52.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#80

1,3,5-Trimethylbenzene

Concen: 20.607 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015087.D

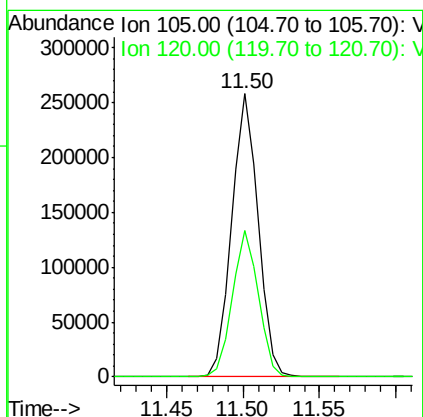
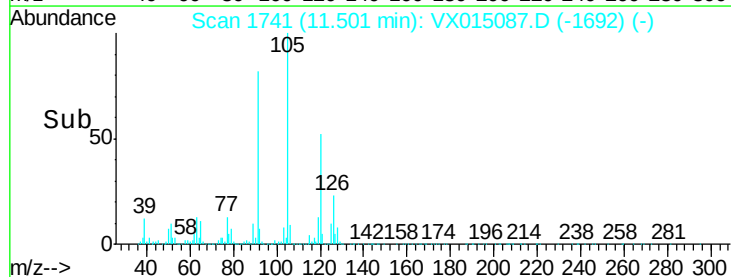
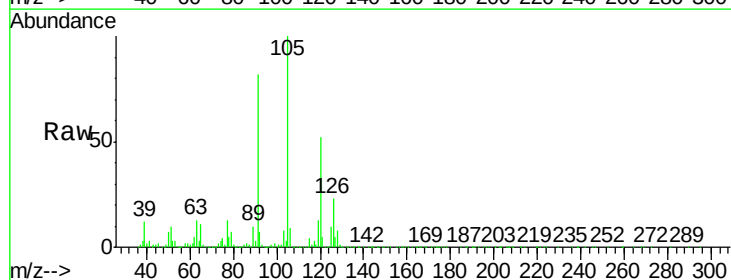
Acq: 04 Mar 2020 15:01

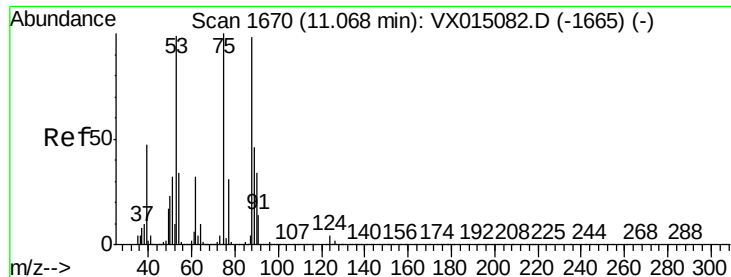
Tgt Ion: 105 Resp: 307355

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.4





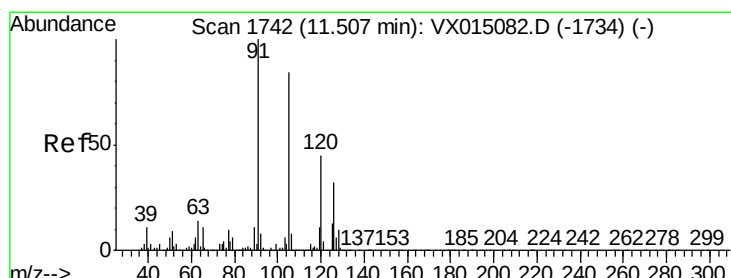
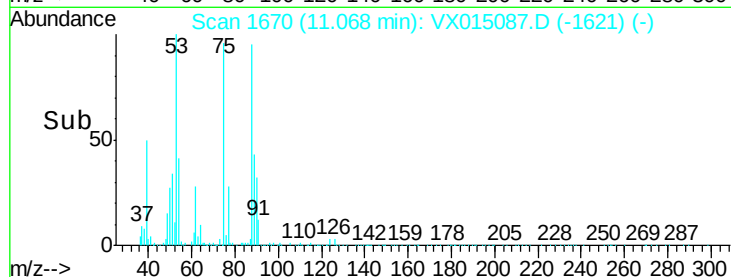
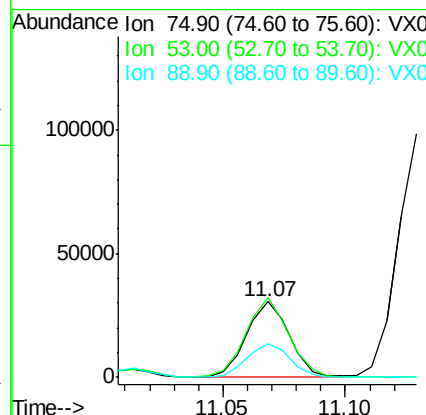
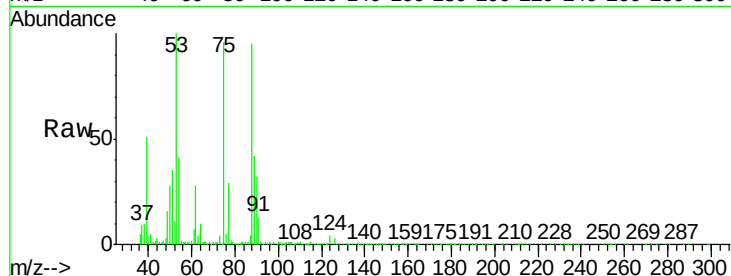
#81
trans-1,4-Dichloro-2-butene
Concen: 18.690 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampled :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.0	77.9	116.9
89	45.4	36.2	54.2

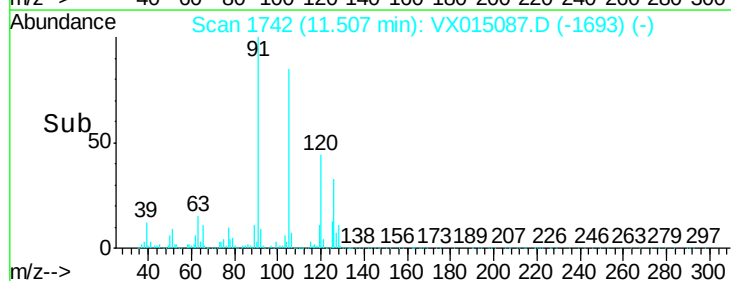
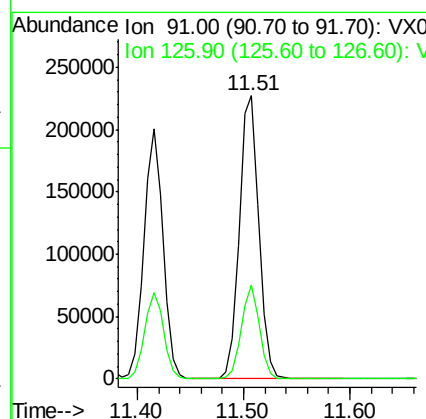
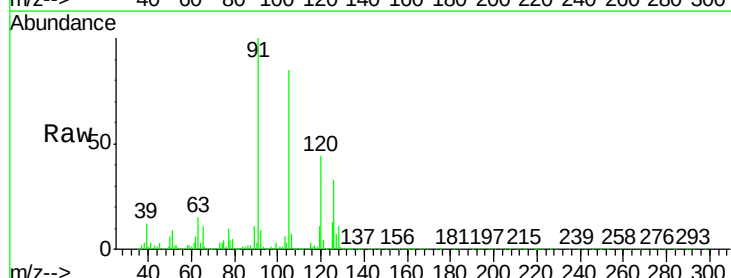
Manual Integrations
APPROVED

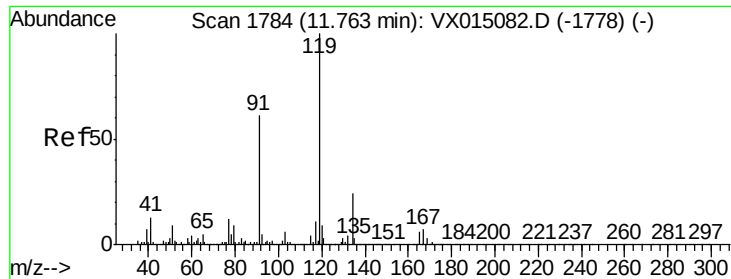
MMDadoda
3/5/2020 3:53:48 PM



#82
4-Chlorotoluene
Concen: 20.160 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.4	46.2





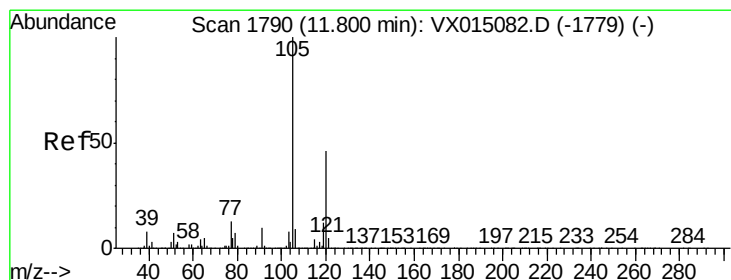
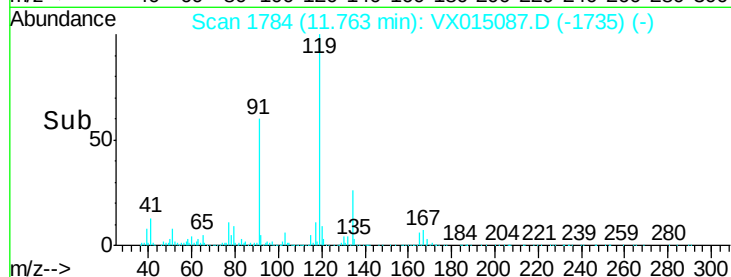
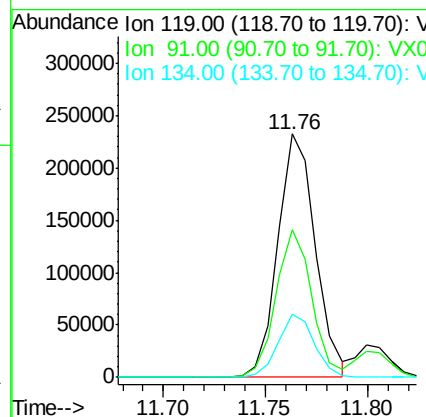
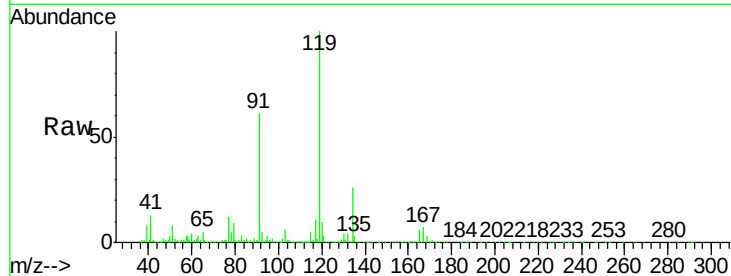
#83
tert-Butylbenzene
Concen: 20.641 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	297689		
91	58.1		28.5	85.6
134	25.0		11.9	35.7

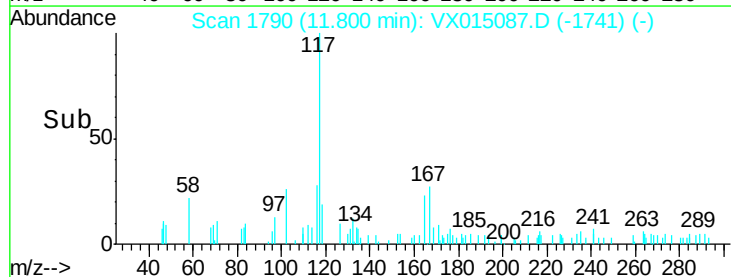
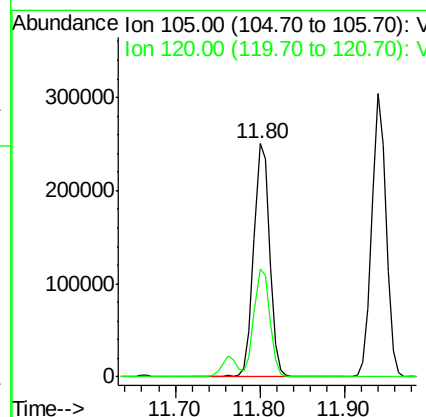
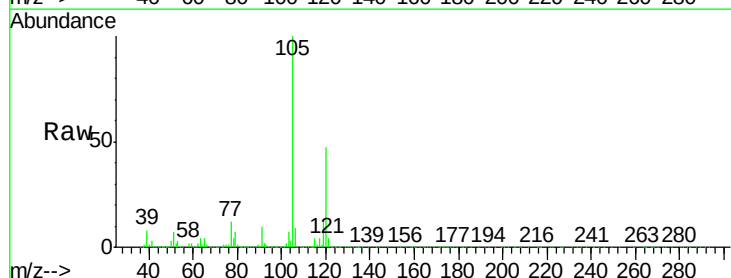
Manual Integrations
APPROVED

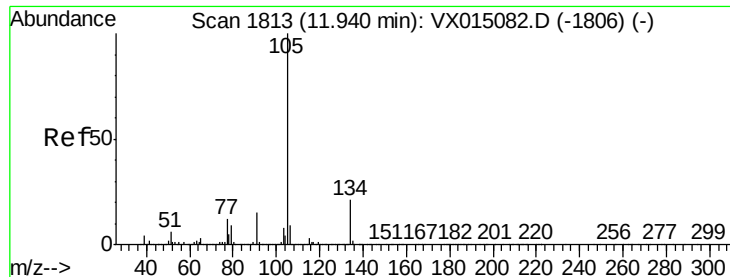
MMDadoda
3/5/2020 3:53:48 PM



#84
1,2,4-Trimethylbenzene
Concen: 20.967 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	314166		
120	46.0		22.9	68.5





#85

sec-Butylbenzene

Concen: 20.786 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

VX0304WBS01

Tot Ion:105 Resp: 361875

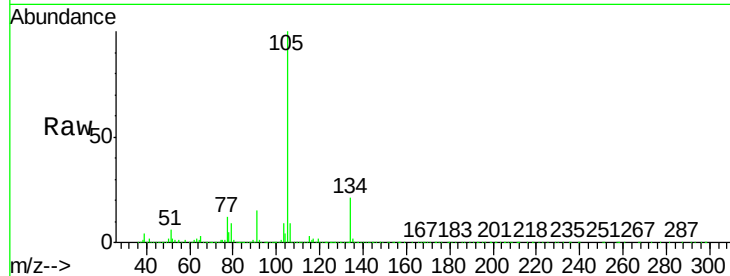
Ion Ratio Lower Upper

105 100

134 21.3 10.4 31.2

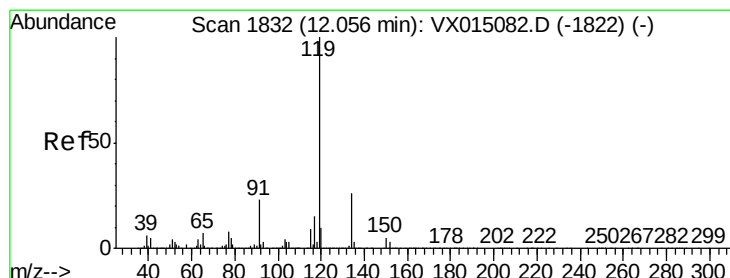
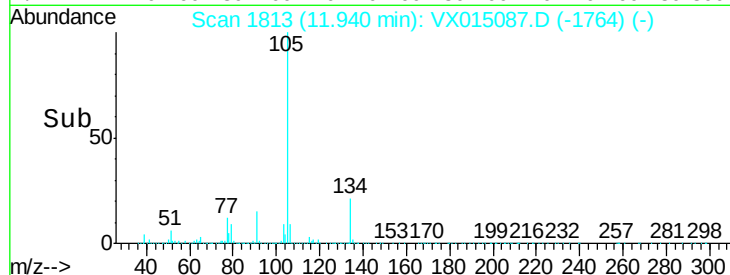
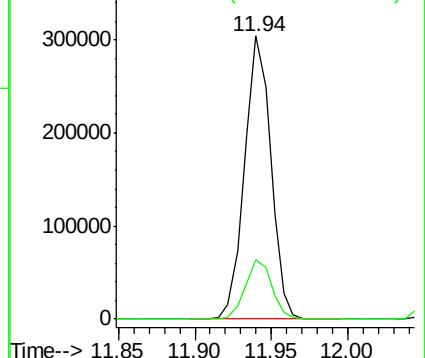
Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.565 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015087.D

Acq: 04 Mar 2020 15:01

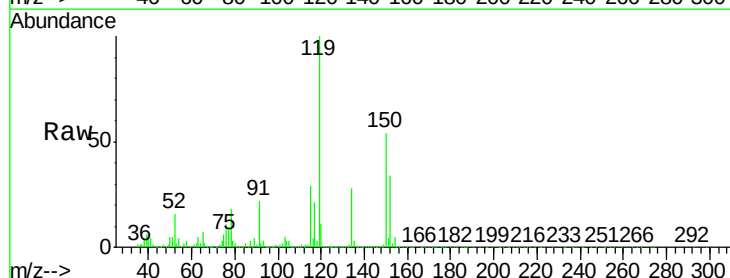
Tgt Ion:119 Resp: 329860

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

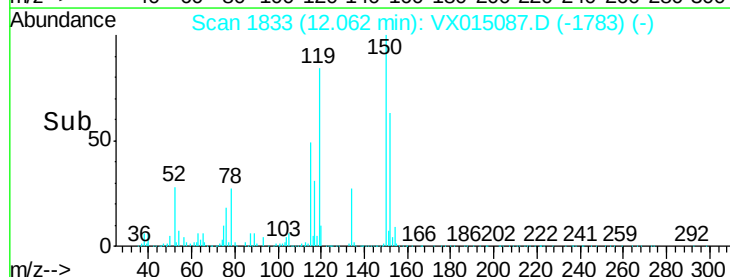
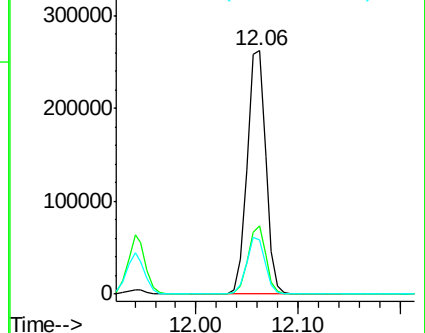
91 23.1 11.3 33.8

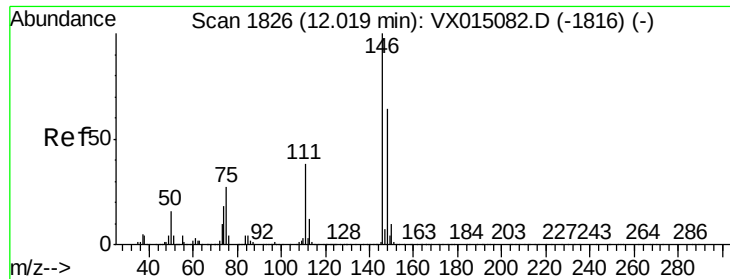


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





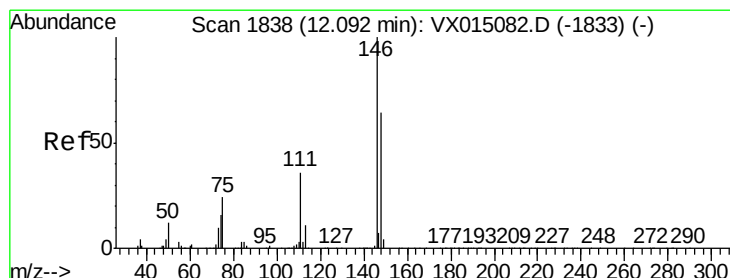
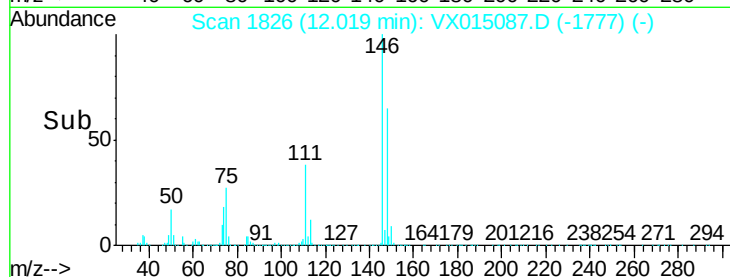
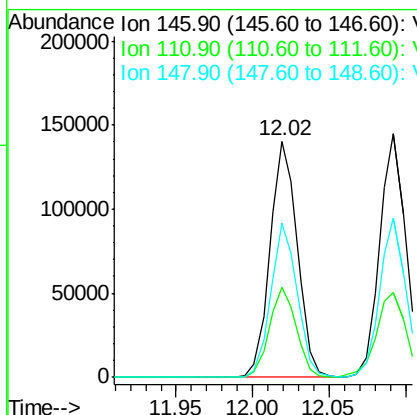
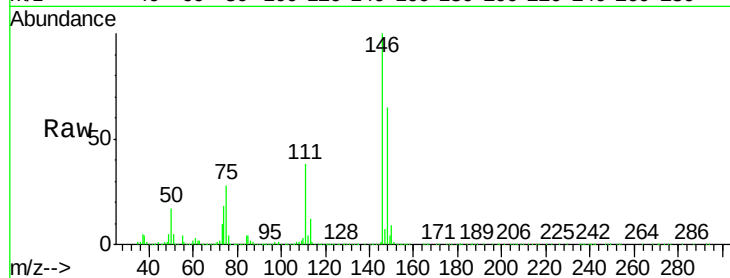
#87
 1,3-Dichlorobenzene
 Concen: 19.880 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.0	31.9	95.5

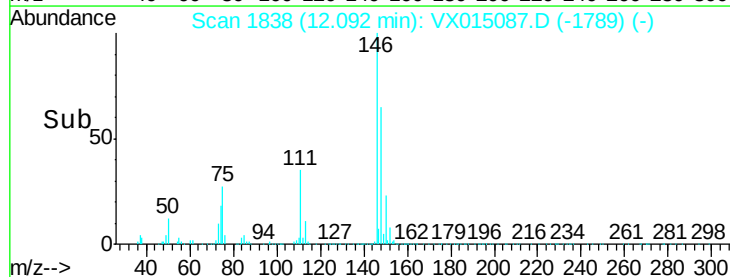
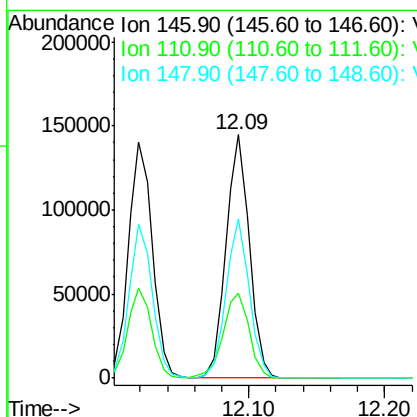
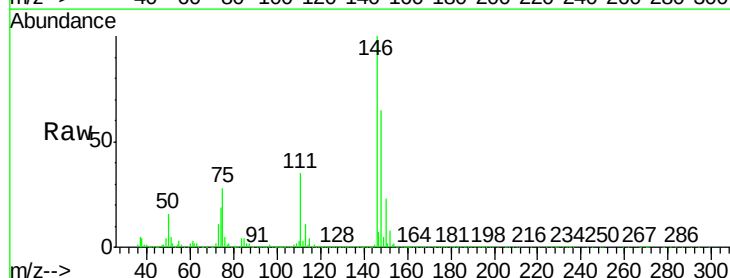
Manual Integrations
 APPROVED

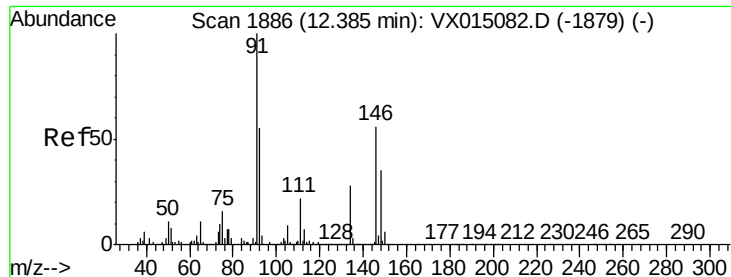
MMDadoda
 3/5/2020 3:53:48 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.916 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.7	56.1
148	65.3	32.5	97.4





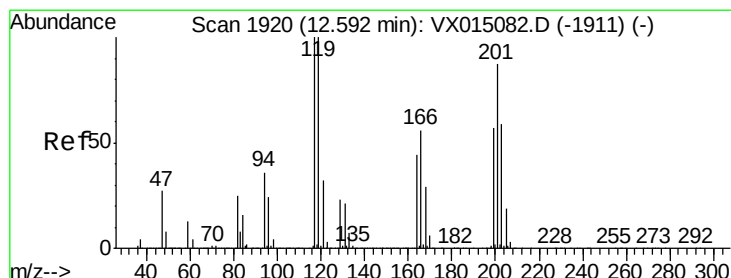
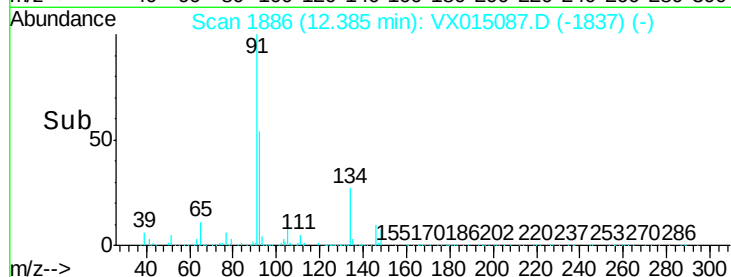
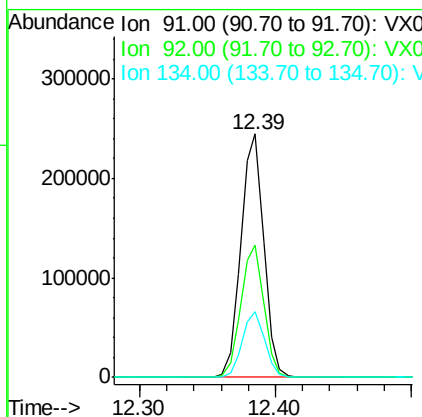
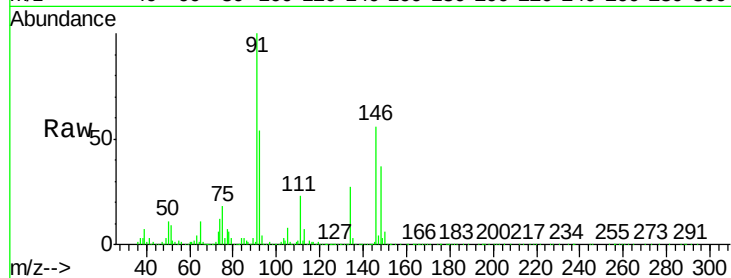
#89
n-Butylbenzene
Concen: 20.003 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.6
134	26.8	13.5	40.5

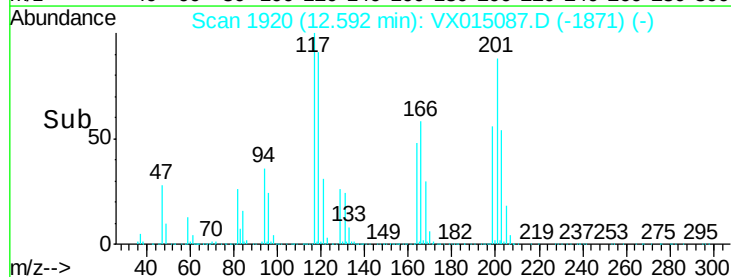
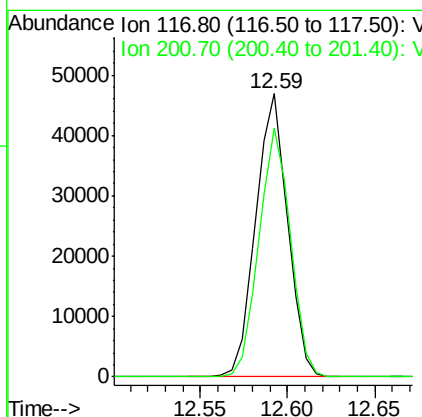
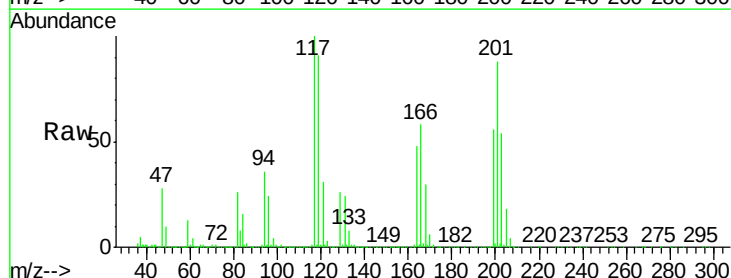
Manual Integrations
APPROVED

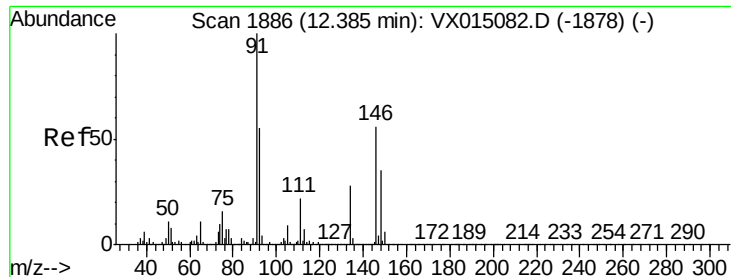
MMDadoda
3/5/2020 3:53:48 PM



#90
Hexachloroethane
Concen: 19.530 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.5	43.5	130.7





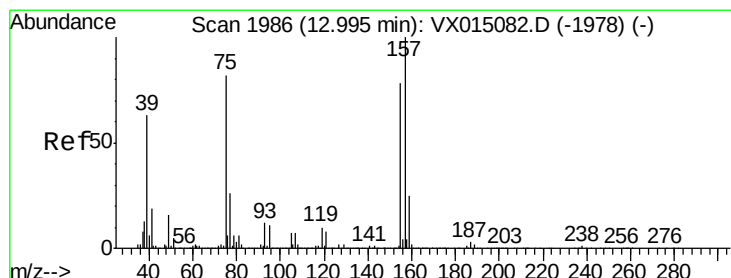
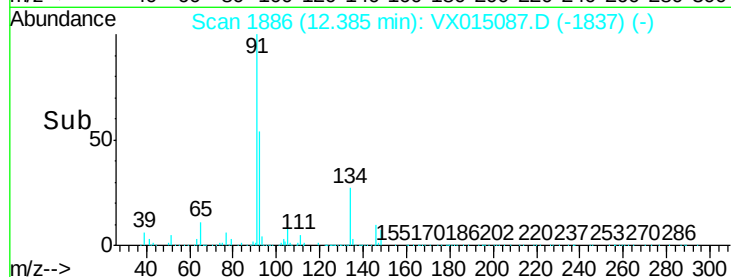
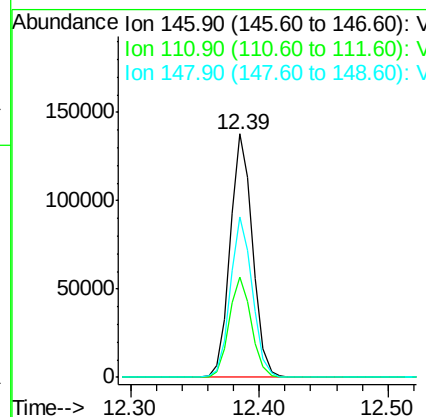
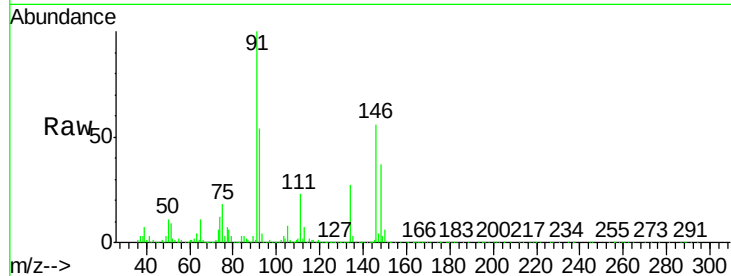
#91
 1,2-Dichlorobenzene
 Concen: 19.371 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	169054		
111	40.9	19.9	59.7	
148	65.0	32.3	96.8	

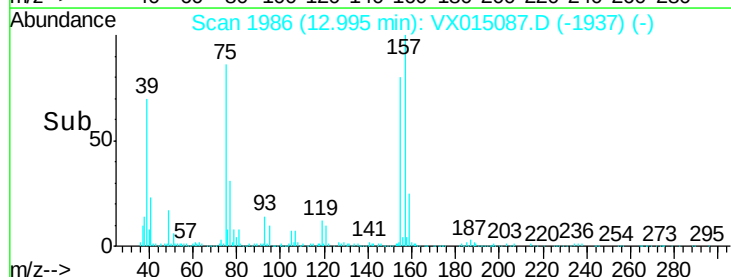
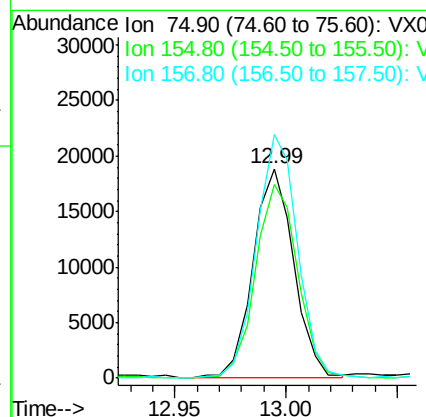
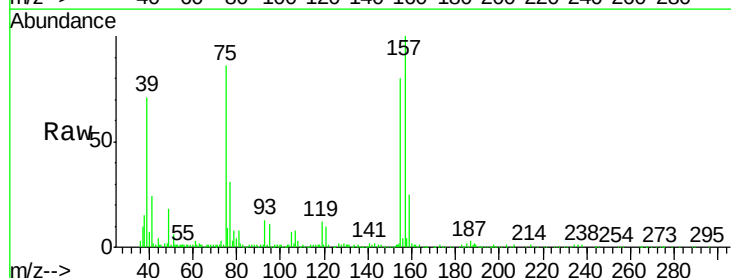
Manual Integrations
 APPROVED

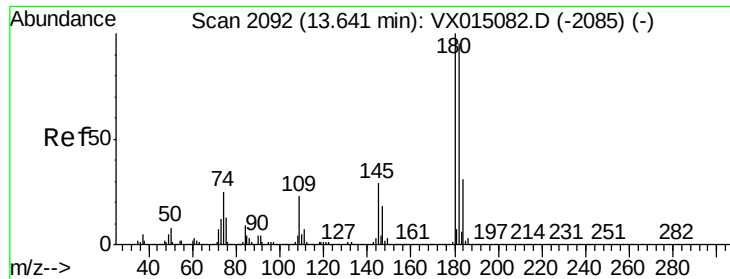
MMDadoda
 3/5/2020 3:53:48 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.184 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	24134		
155	95.7	46.6	139.7	
157	117.1	59.2	177.5	





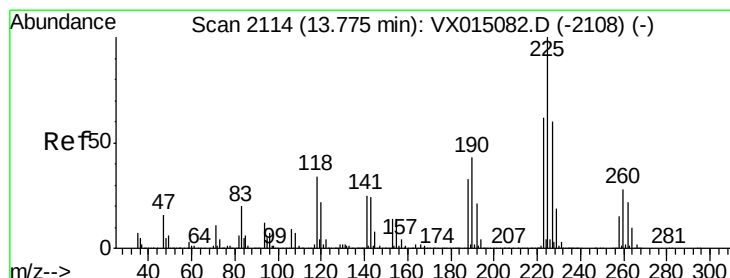
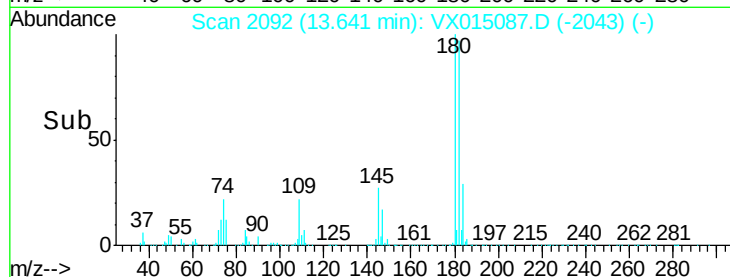
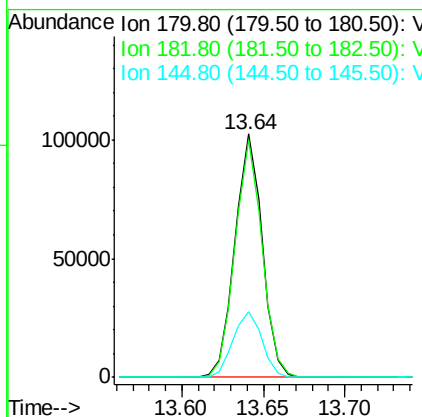
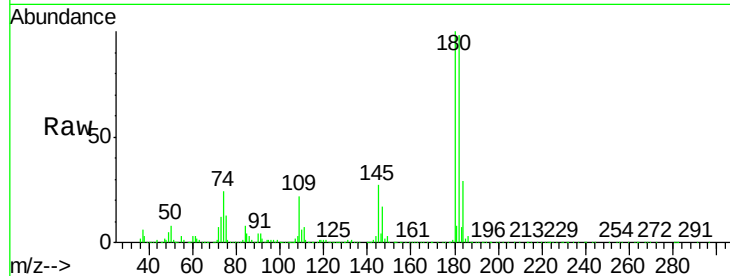
#93
 1,2,4-Trichlorobenzene
 Concen: 19.729 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Instrument :
 MSVOA_X
 ClientSampled :
 VX0304WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	119517		
182	97.1	47.6	142.8	
145	28.7	14.1	42.2	

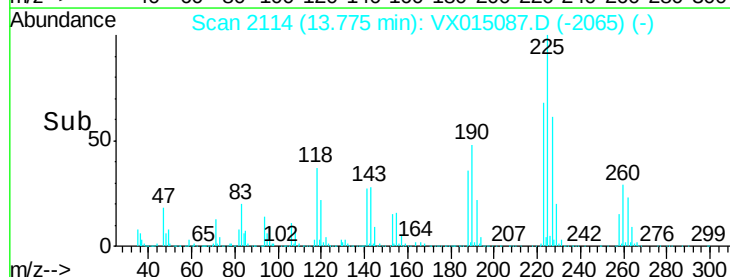
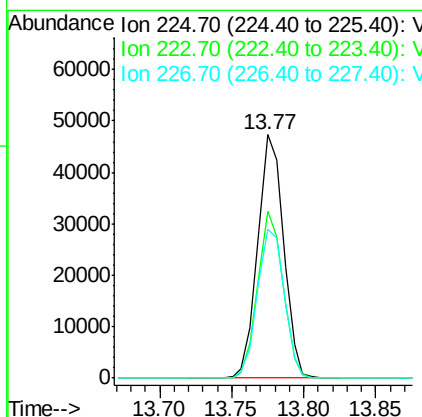
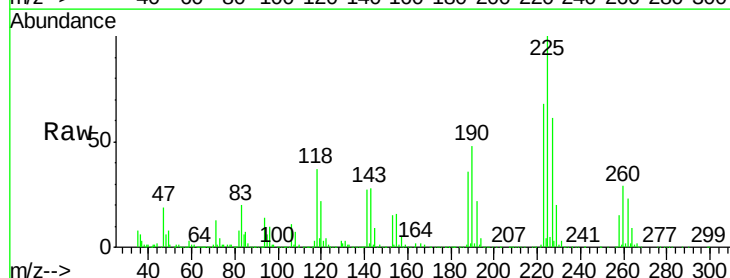
Manual Integrations
 APPROVED

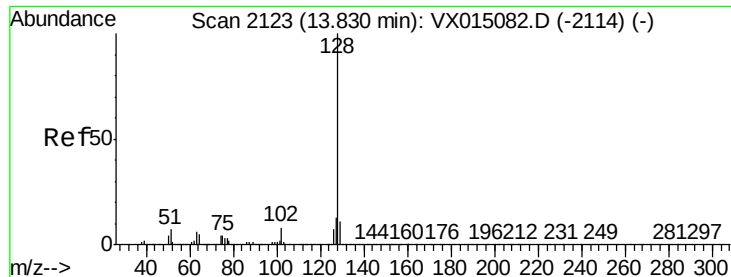
MMDadoda
 3/5/2020 3:53:48 PM



#94
 Hexachlorobutadiene
 Concen: 18.835 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015087.D
 Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	58549		
223	67.2	31.3	93.9	
227	63.4	31.1	93.2	





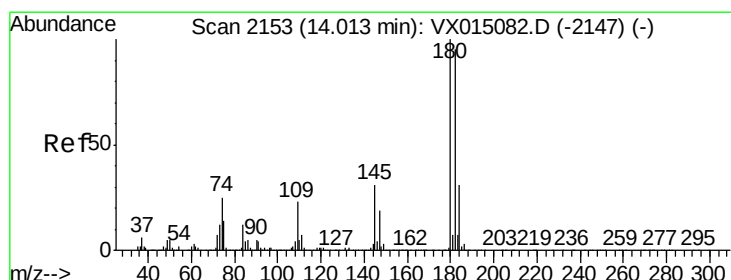
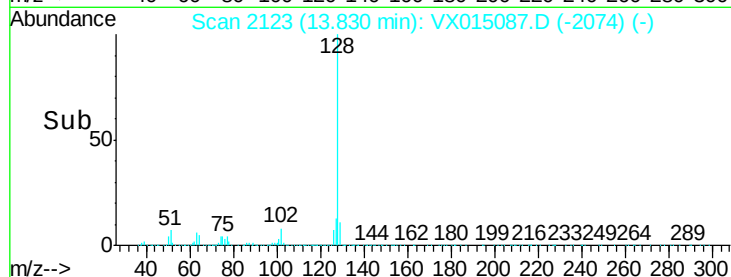
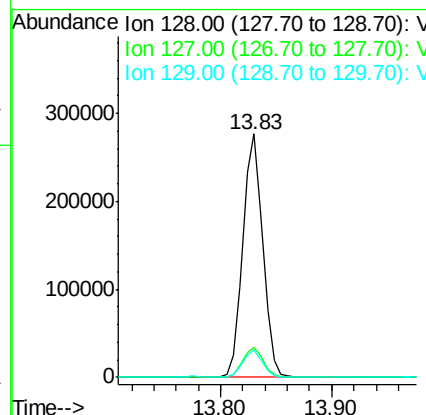
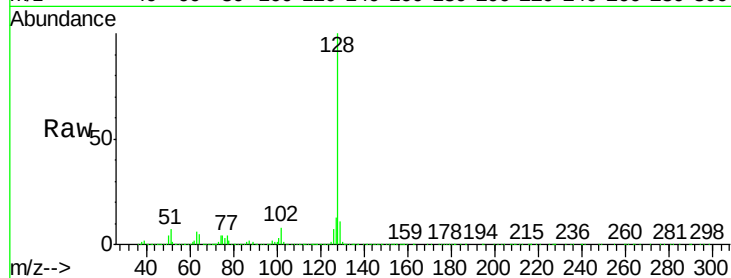
#95
Naphthalene
Concen: 19.363 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Instrument :
MSVOA_X
ClientSampleId :
VX0304WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 3:53:48 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.965 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015087.D
Acq: 04 Mar 2020 15:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.4
145	30.2	15.1	45.3

