

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030420\
 Data File : VX015085.D
 Acq On : 04 Mar 2020 13:59
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:45 PM

Quant Time: Mar 05 07:47:54 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	408344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	605864	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	560887	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	292076	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	231631	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.48	113	191579	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.71	98	738849	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	265413	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	174865	48.903	ug/l	100
3) Chloromethane	1.32	50	240909	47.562	ug/l	100
4) Vinyl Chloride	1.40	62	237717	46.284	ug/l	100
5) Bromomethane	1.63	94	148514	47.034	ug/l	100
6) Chloroethane	1.72	64	149123	48.402	ug/l	99
7) Trichlorofluoromethane	1.92	101	294294	48.156	ug/l	100
8) Diethyl Ether	2.18	74	131715	47.585	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	186454	48.493	ug/l	98
10) Methyl Iodide	2.50	142	207798	47.836	ug/l	99
11) Tert butyl alcohol	3.03	59	216678	257.792	ug/l	100
12) 1,1-Dichloroethene	2.36	96	188327	47.459	ug/l	98
13) Acrolein	2.28	56	185333	234.633	ug/l	99
14) Allyl chloride	2.72	41	336384	48.616	ug/l	99
15) Acrylonitrile	3.12	53	520230	248.531	ug/l	100
16) Acetone	2.43	43	501149	255.438	ug/l	100
17) Carbon Disulfide	2.56	76	518604	47.060	ug/l	100
18) Methyl Acetate	2.76	43	221907	46.257	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	616709	49.734	ug/l	98
20) Methylene Chloride	2.84	84	207865	45.272	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	203231	47.965	ug/l	99
22) Diisopropyl ether	3.84	45	678457	49.217	ug/l	99
23) Vinyl Acetate	3.80	43	2930083	258.577	ug/l	100
24) 1,1-Dichloroethane	3.69	63	365722	47.801	ug/l	100
25) 2-Butanone	4.65	43	748454	260.581	ug/l	100
26) 2,2-Dichloropropane	4.57	77	303098	49.904	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	230918	48.579	ug/l	99
28) Bromochloromethane	5.00	49	163255	46.860	ug/l	100
29) Tetrahydrofuran	5.11	42	461010	248.995	ug/l	100
30) Chloroform	5.20	83	359436	48.201	ug/l	98
31) Cyclohexane	5.57	56	333462	48.864	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	303405	49.083	ug/l	99
36) 1,1-Dichloropropene	5.79	75	277524	49.549	ug/l	100
37) Ethyl Acetate	4.81	43	283248	54.518	ug/l	99
38) Carbon Tetrachloride	5.77	117	267318	50.563	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX030420\
 Data File : VX015085.D
 Acq On : 04 Mar 2020 13:59
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Manual Integrations
 APPROVED

MMDadoda
 3/5/2020 12:32:45 PM

Quant Time: Mar 05 07:47:54 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	349204	53.394	ug/l	99
40) Benzene	6.13	78	819063	49.290	ug/l	99
41) Methacrylonitrile	5.03	41	159300	51.046	ug/l	99
42) 1,2-Dichloroethane	6.18	62	289152	50.670	ug/l	100
43) Isopropyl Acetate	6.43	43	478273	52.328	ug/l	100
44) Trichloroethene	7.20	130	226812	49.011	ug/l	97
45) 1,2-Dichloropropane	7.50	63	216200	50.265	ug/l	99
46) Dibromomethane	7.65	93	139081	49.625	ug/l	100
47) Bromodichloromethane	7.89	83	281025	50.706	ug/l	97
48) Methyl methacrylate	7.76	41	234979	50.513	ug/l	99
49) 1,4-Dioxane	7.73	88	101942	1013.558	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1461017	270.358	ug/l	100
52) Toluene	8.78	92	520059	51.185	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	317080	53.751	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	350617	52.575	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	208706	49.906	ug/l	99
56) Ethyl methacrylate	9.17	69	328981	55.151	ug/l	99
57) 1,3-Dichloropropane	9.36	76	354221	50.346	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	916524	282.041	ug/l	99
59) 2-Hexanone	9.48	43	1120946	279.861	ug/l	99
60) Dibromochloromethane	9.57	129	226443	51.546	ug/l	99
61) 1,2-Dibromoethane	9.67	107	217863	49.598	ug/l	100
64) Tetrachloroethene	9.33	164	218911	47.205	ug/l	97
65) Chlorobenzene	10.13	112	565074	50.181	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	211354	49.776	ug/l	99
67) Ethyl Benzene	10.25	91	1010265	52.833	ug/l	99
68) m/p-Xylenes	10.35	106	766174	105.314	ug/l	100
69) o-Xylene	10.69	106	367530	52.765	ug/l	99
70) Styrene	10.71	104	631735	52.896	ug/l	100
71) Bromoform	10.85	173	170609	51.814	ug/l #	99
73) Isopropylbenzene	11.01	105	983104	52.691	ug/l	100
74) N-amyl acetate	10.89	43	430149	54.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	312346	50.232	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	300429m	51.567	ug/l	
77) Bromobenzene	11.25	156	255276	49.094	ug/l	100
78) n-propylbenzene	11.35	91	1137045	53.342	ug/l	100
79) 2-Chlorotoluene	11.42	91	660316	51.871	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	823846	53.042	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	110393	53.775	ug/l	97
82) 4-Chlorotoluene	11.51	91	772347	51.354	ug/l	100
83) tert-Butylbenzene	11.76	119	818968	54.531	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	839893	53.827	ug/l	100
85) sec-Butylbenzene	11.94	105	968371	53.413	ug/l	100
86) p-Isopropyltoluene	12.06	119	903481	54.090	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	457729	50.075	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	461008	48.850	ug/l	99
89) n-Butylbenzene	12.39	91	806512	54.289	ug/l	99
90) Hexachloroethane	12.59	117	160819	50.927	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	452267	49.765	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	67270	54.026	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030420\
Data File : VX015085.D
Acq On : 04 Mar 2020 13:59
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

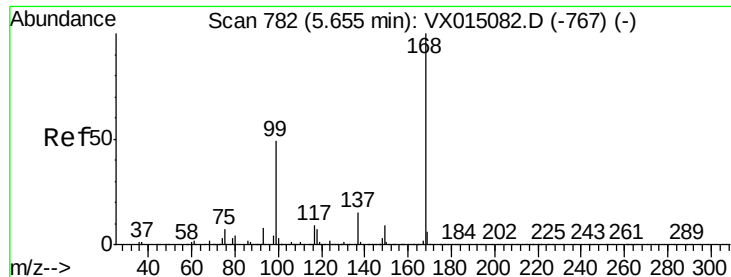
Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM

Quant Time: Mar 05 07:47:54 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	327986	51.993	ug/l	99
94) Hexachlorobutadiene	13.78	225	163838	50.613	ug/l	99
95) Naphthalene	13.83	128	959532	49.642	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	330184	52.460	ug/l	99

(#) = 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: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

Tot Ion:168 Resp: 408344

Ion Ratio Lower Upper

168 100

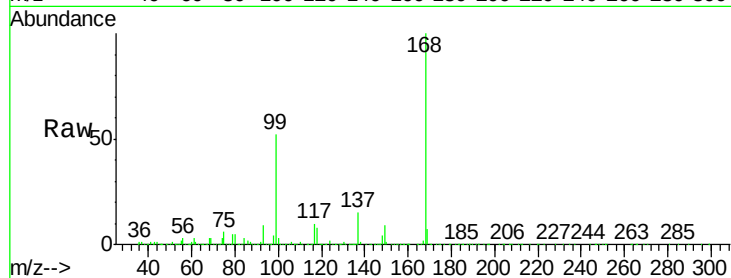
99 52.0 39.4 59.2

Manual Integrations

APPROVED

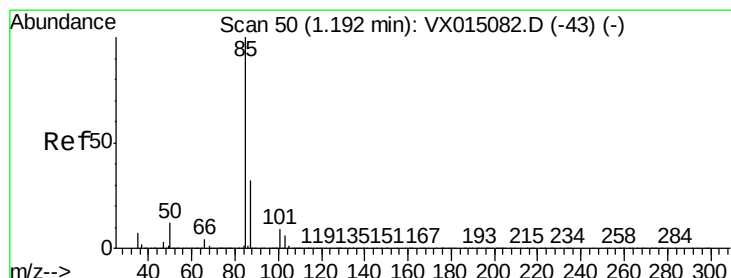
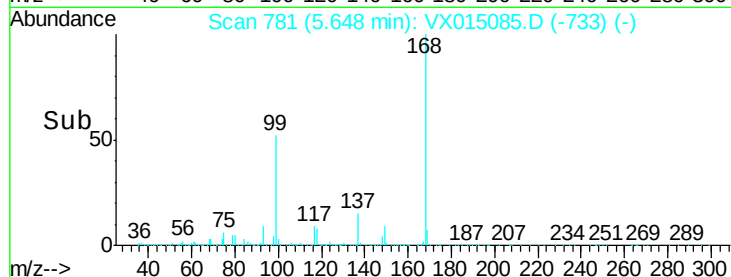
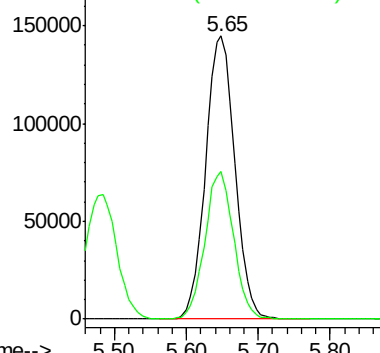
MMDadoda

3/5/2020 12:32:45 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 48.903 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX015085.D

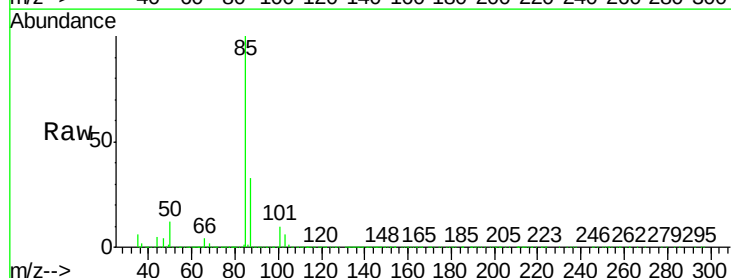
Acq: 04 Mar 2020 13:59

Tgt Ion: 85 Resp: 174865

Ion Ratio Lower Upper

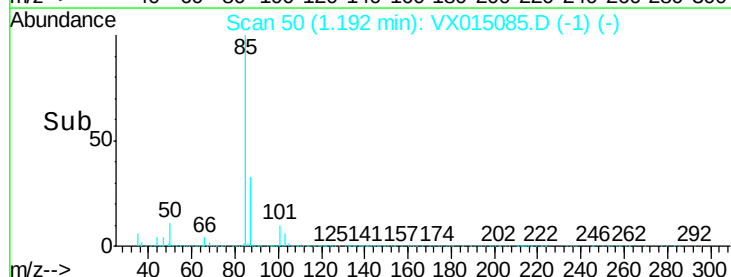
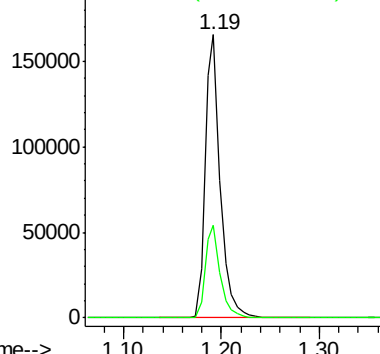
85 100

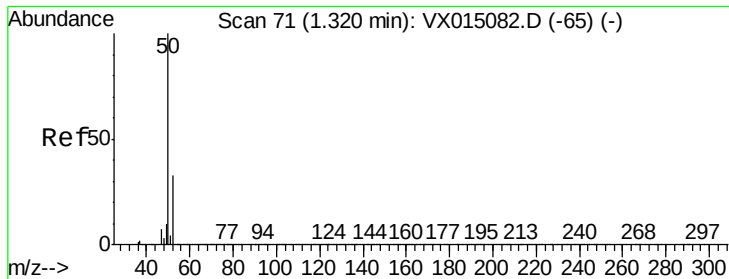
87 32.5 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.562 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

Tot Ion: 50 Resp: 240909

Ion Ratio Lower Upper

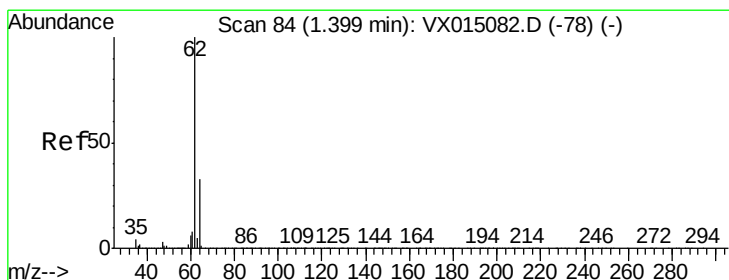
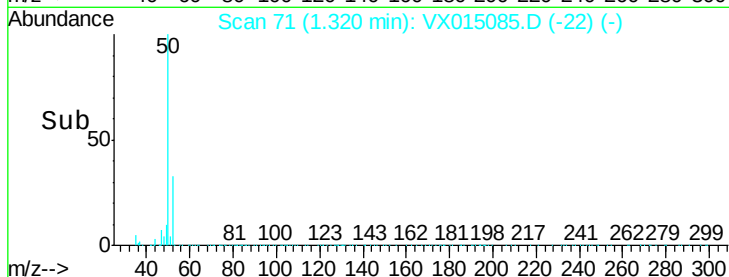
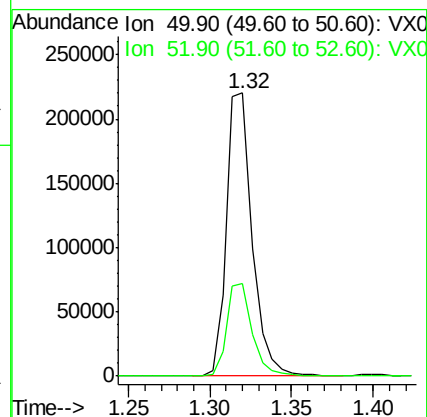
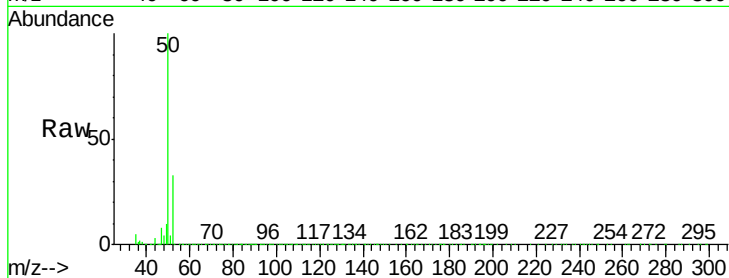
50 100

52 32.9 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

3/5/2020 12:32:45 PM



#4

Vinyl Chloride

Concen: 46.284 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015085.D

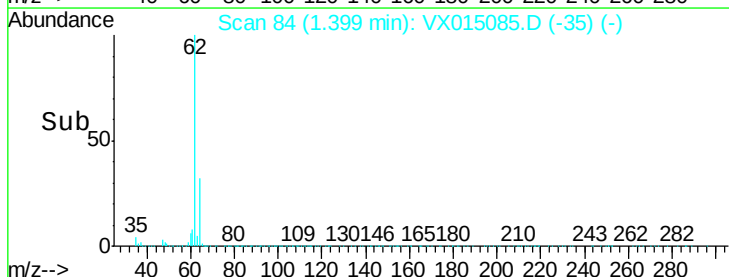
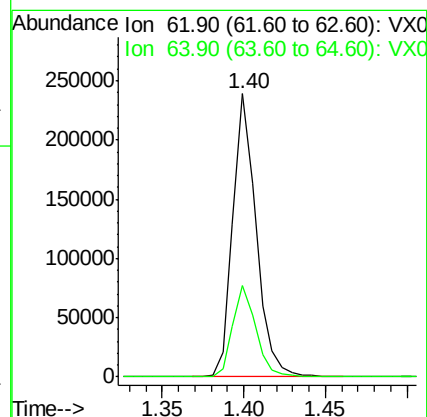
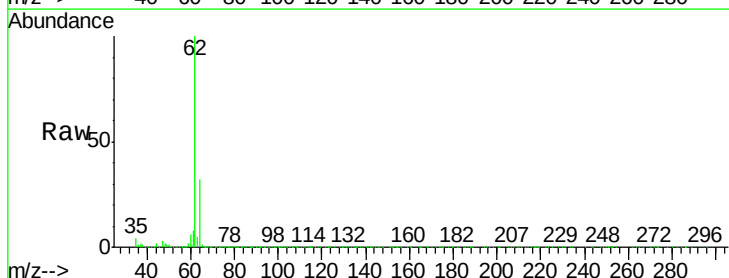
Acq: 04 Mar 2020 13:59

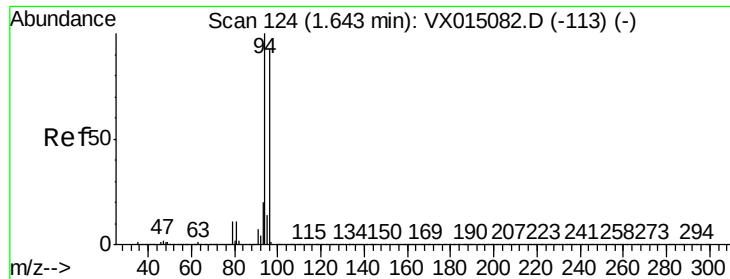
Tgt Ion: 62 Resp: 237717

Ion Ratio Lower Upper

62 100

64 32.4 26.1 39.1





#5

Bromomethane

Concen: 47.034 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

ICVVX030420

Tot Ion: 94 Resp: 148514

Ion Ratio Lower Upper

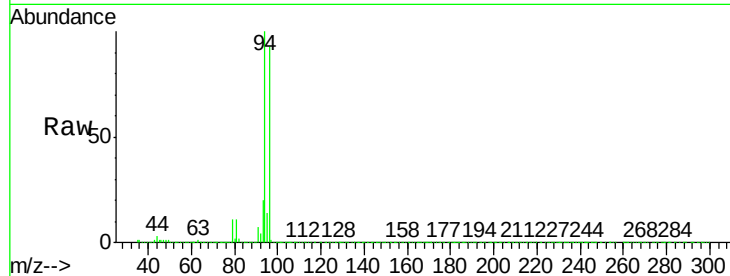
94 100

96 93.5 74.6 111.8

Manual Integrations
APPROVED

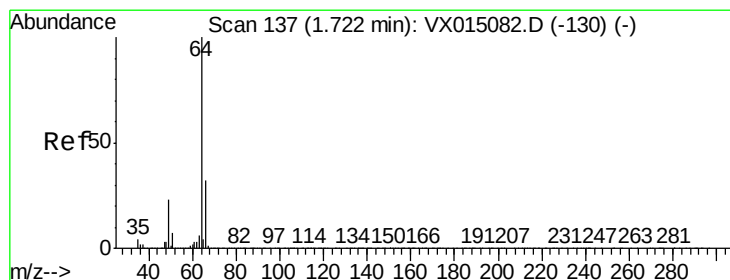
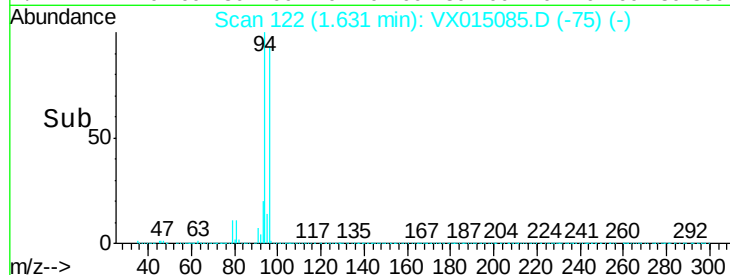
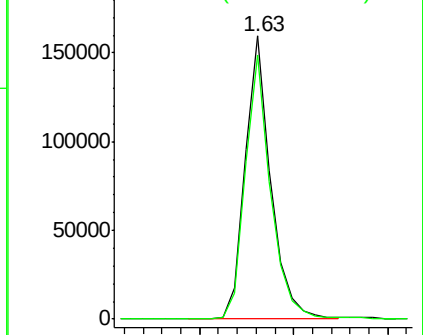
MMDadoda

3/5/2020 12:32:45 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.402 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015085.D

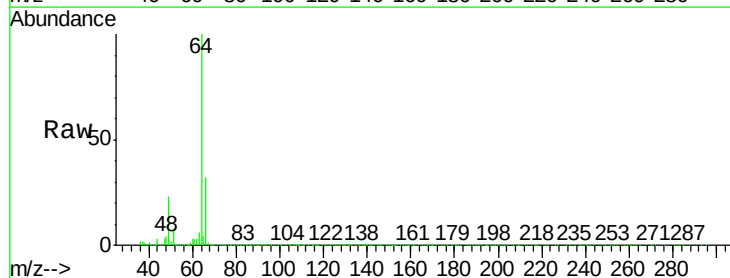
Acq: 04 Mar 2020 13:59

Tgt Ion: 64 Resp: 149123

Ion Ratio Lower Upper

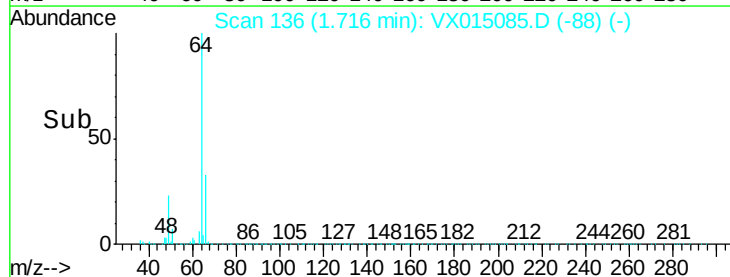
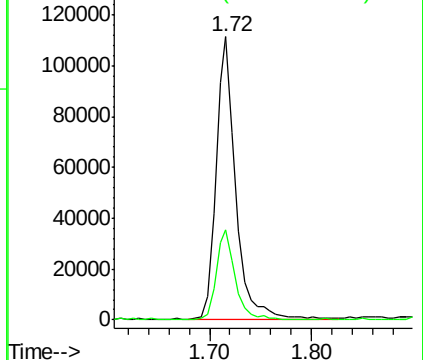
64 100

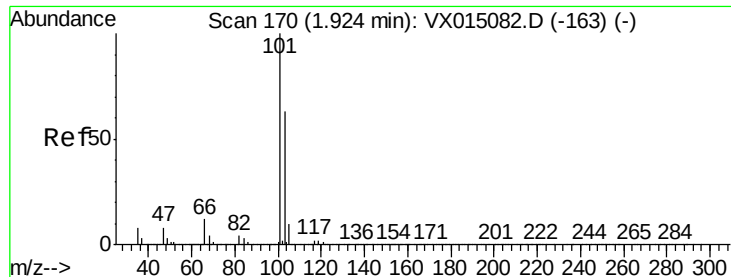
66 31.9 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

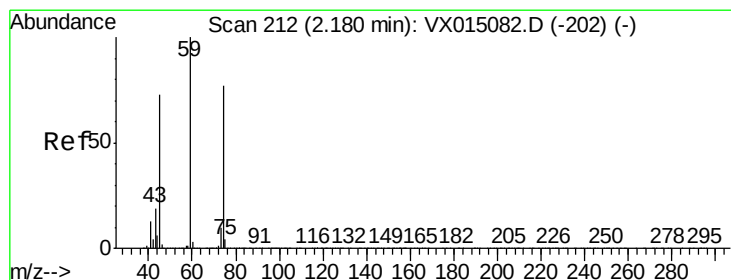
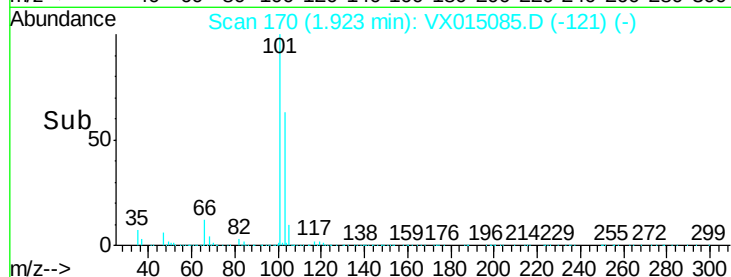
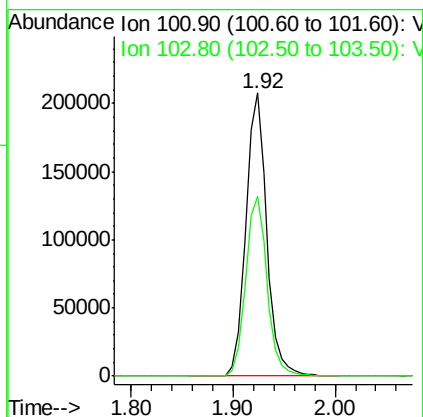
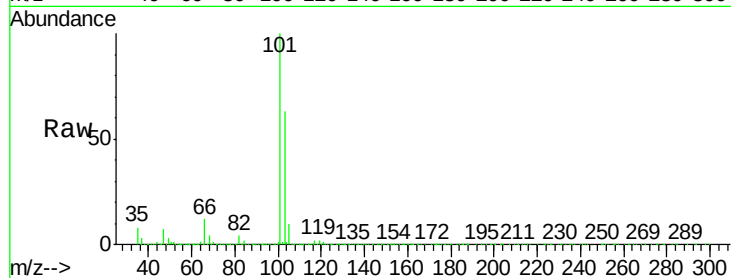
Trichlorofluoromethane
Concen: 48.156 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	50.4	75.6

Manual Integrations
APPROVED

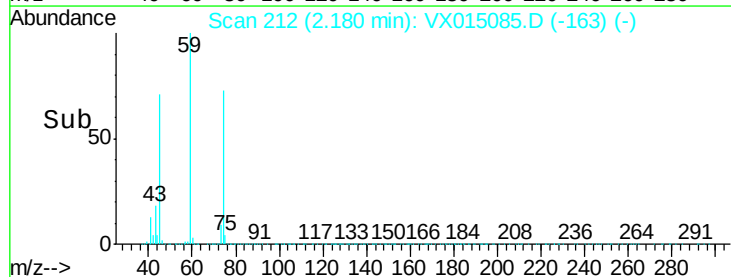
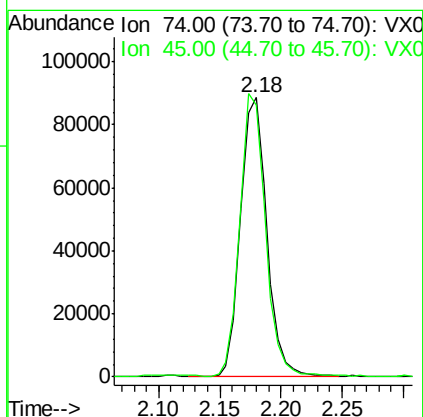
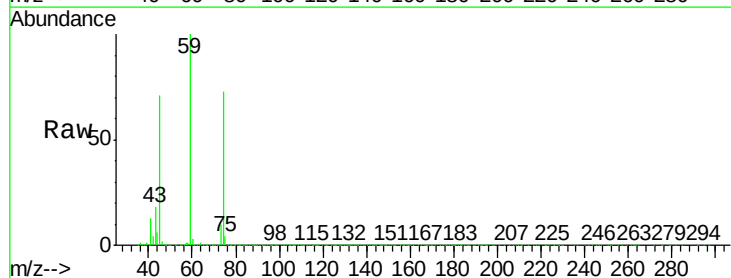
MMDadoda
3/5/2020 12:32:45 PM

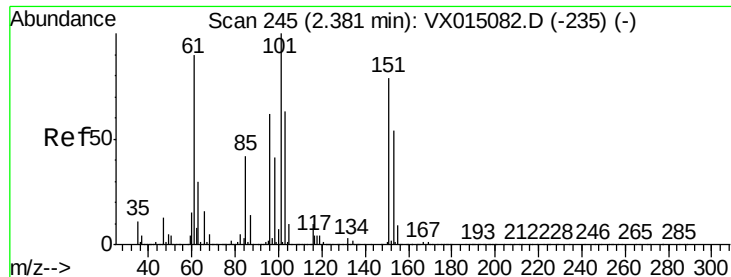


#8

Diethyl Ether
Concen: 47.585 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.2	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.493 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

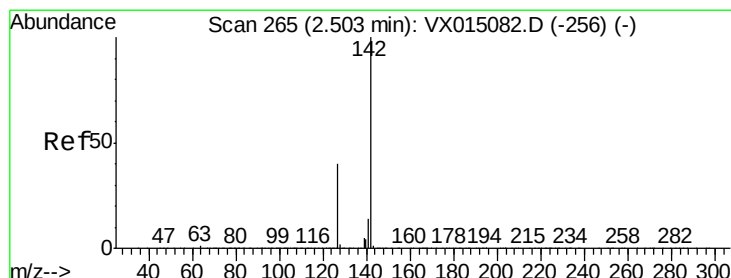
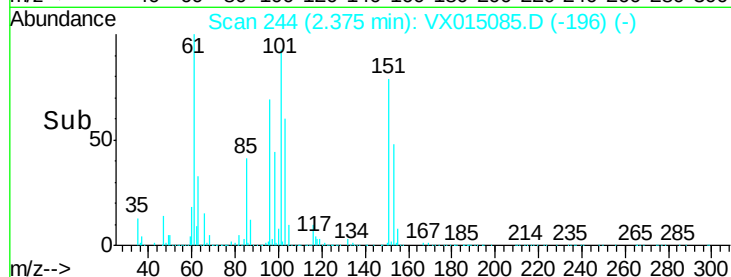
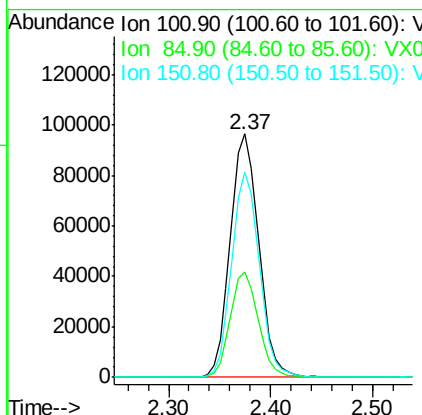
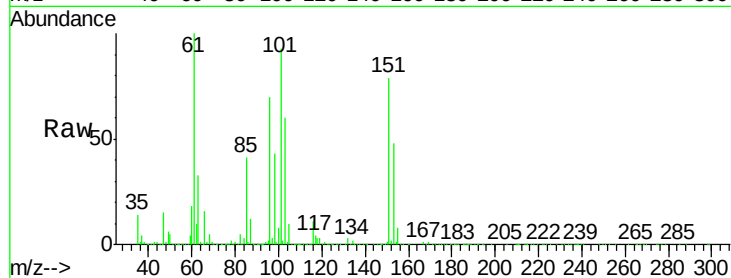
ClientSampleId :

ICVVX030420

Tot Ion:	101	Resp:	186454
Ion Ratio	Lower	Upper	
101	100		
85	42.4	33.7	50.5
151	82.2	64.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#10

Methyl Iodide

Concen: 47.836 ug/l

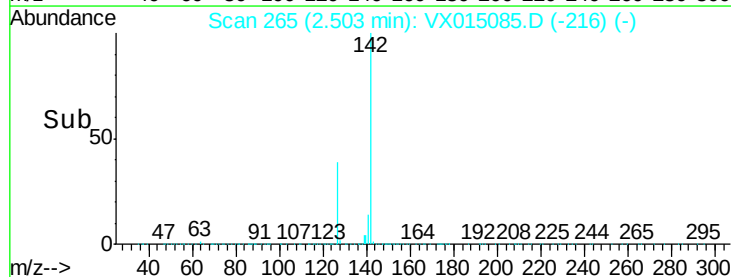
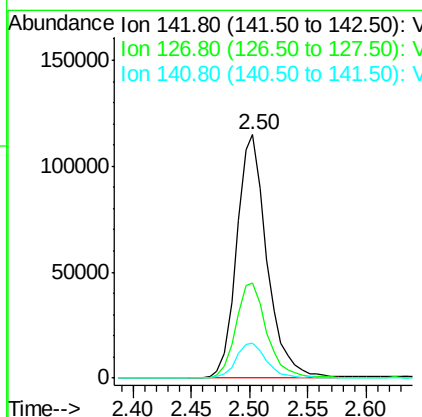
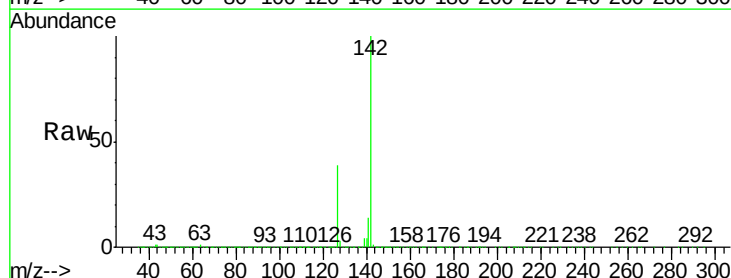
RT: 2.50 min Scan# 265

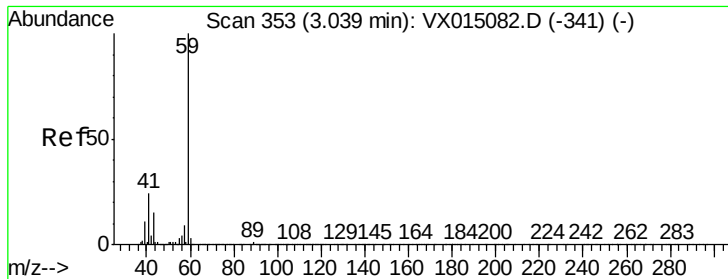
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	142	Resp:	207798
Ion Ratio	Lower	Upper	
142	100		
127	40.4	31.7	47.5
141	14.8	11.3	16.9





#11

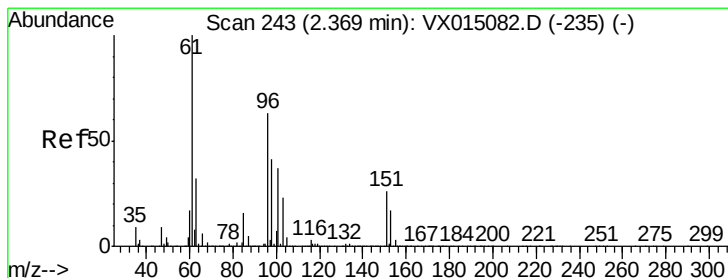
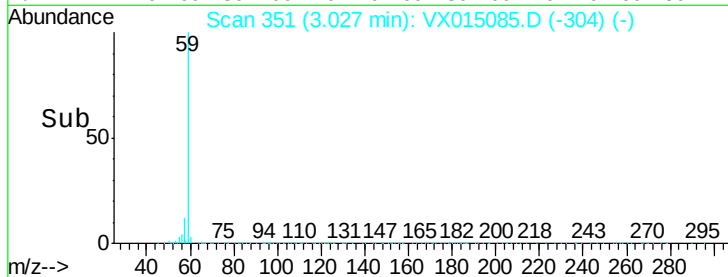
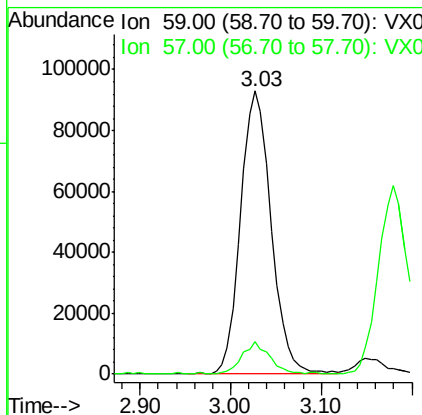
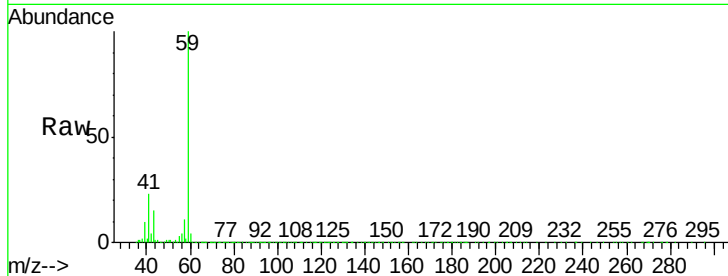
Tert butyl alcohol
Concen: 257.792 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
APPROVED

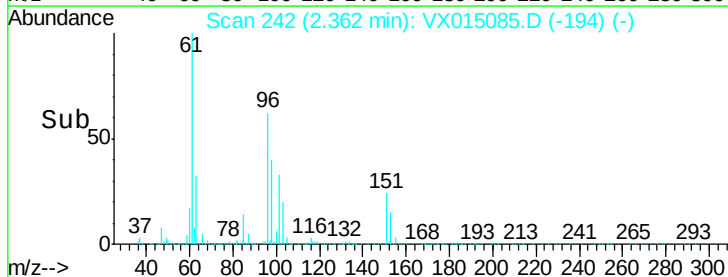
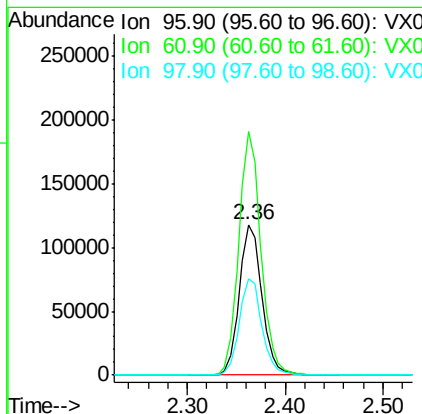
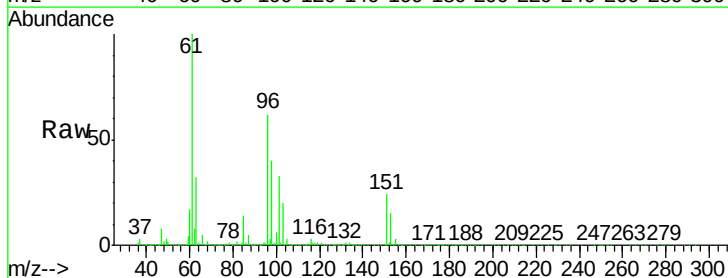
MMDadoda
3/5/2020 12:32:45 PM

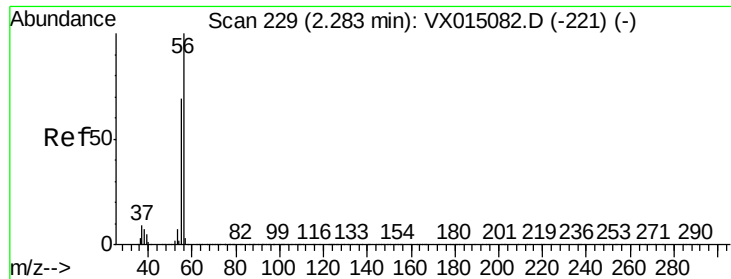


#12

1,1-Dichloroethene
Concen: 47.459 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.6	126.2	189.4
98	64.0	51.4	77.0





#13

Acrolein

Concen: 234.633 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

ICVVX030420

Tot Ion: 56 Resp: 185333

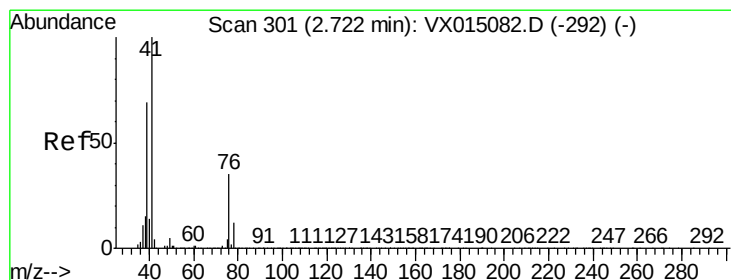
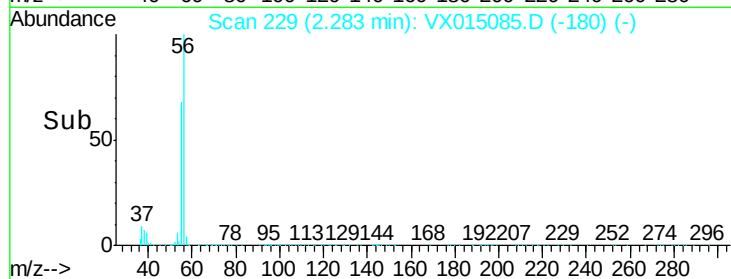
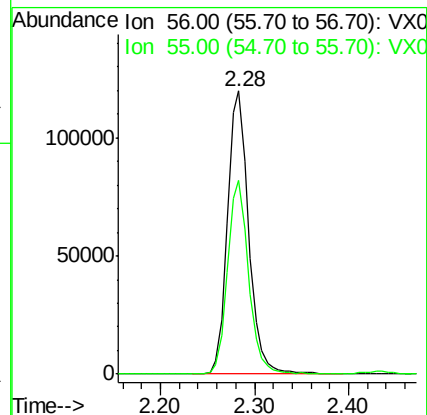
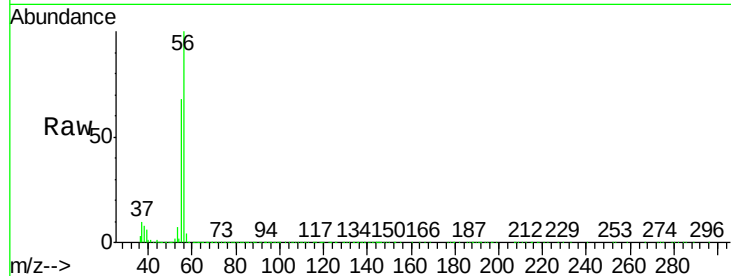
Ion Ratio Lower Upper

56 100

55 68.2 55.4 83.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#14

Allyl chloride

Concen: 48.616 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

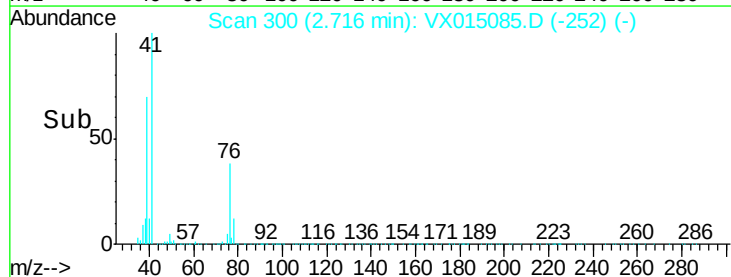
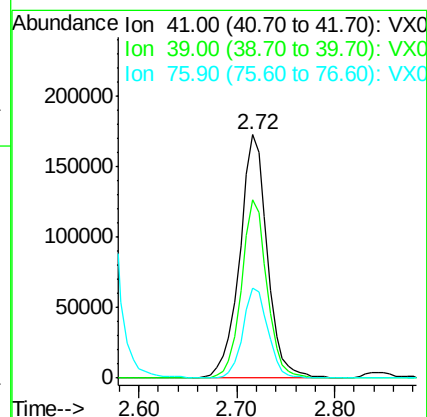
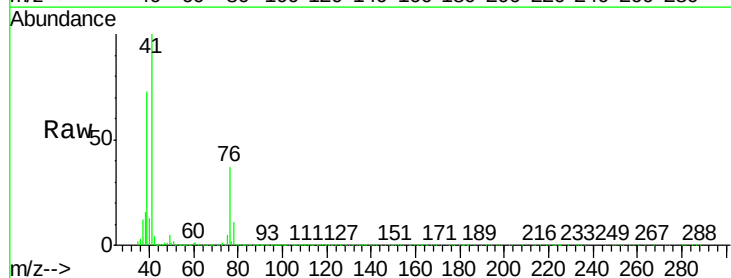
Tgt Ion: 41 Resp: 336384

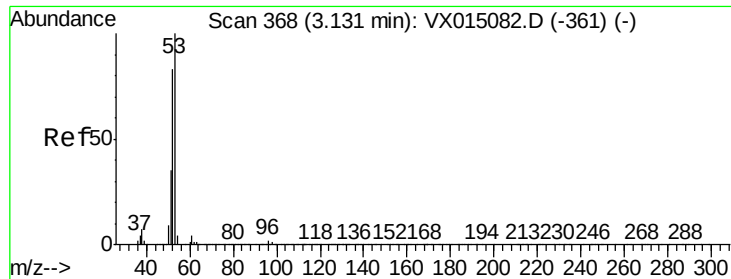
Ion Ratio Lower Upper

41 100

39 67.6 52.9 79.3

76 33.4 26.8 40.2





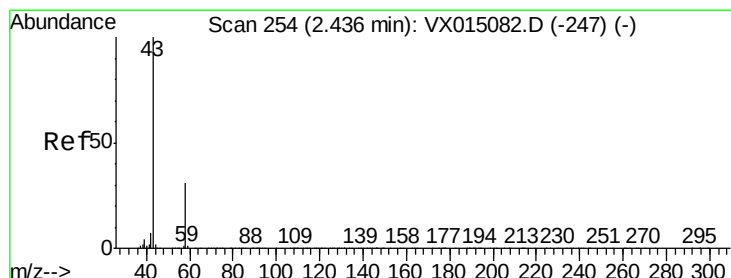
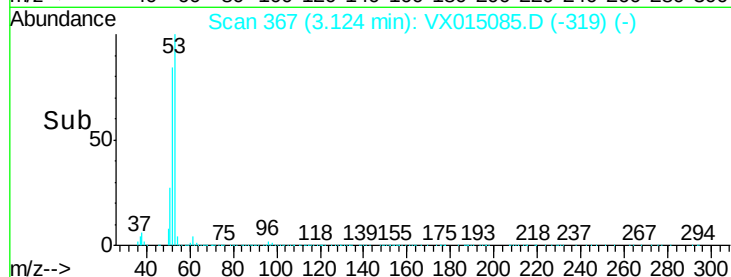
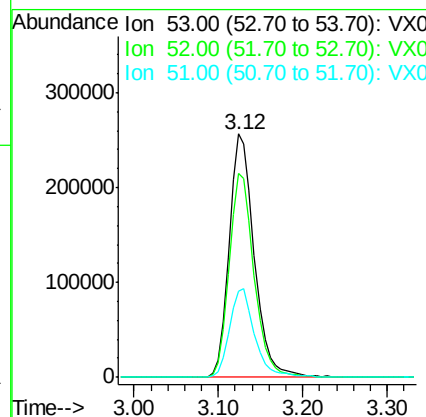
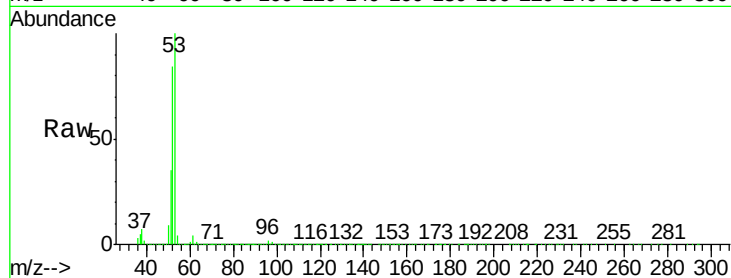
#15
 Acrylonitrile
 Concen: 248.531 ug/l
 RT: 3.12 min Scan# 367
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Tot Ion:	53	Resp:	520230
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.6	100.0
51	36.4	29.0	43.6

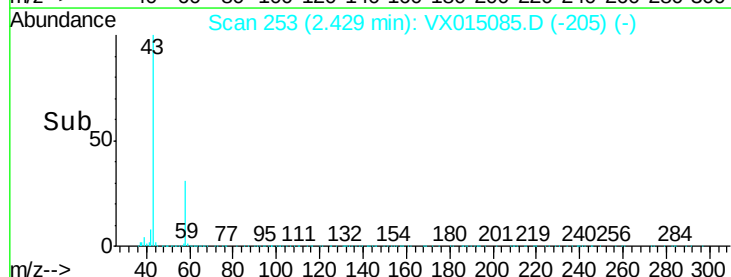
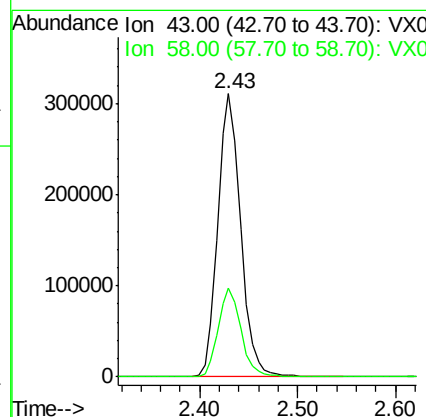
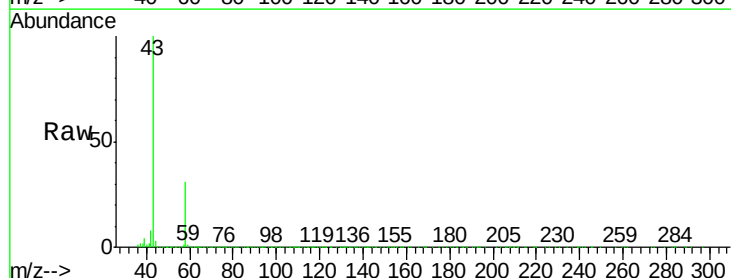
Manual Integrations
 APPROVED

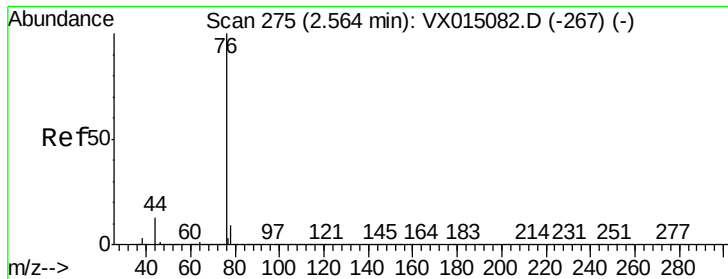
MMDadoda
 3/5/2020 12:32:45 PM



#16
 Acetone
 Concen: 255.438 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion:	43	Resp:	501149
Ion	Ratio	Lower	Upper
43	100		
58	31.2	24.8	37.2





#17

Carbon Disulfide

Concen: 47.060 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

Tot Ion: 76 Resp: 518604

Ion Ratio Lower Upper

76 100

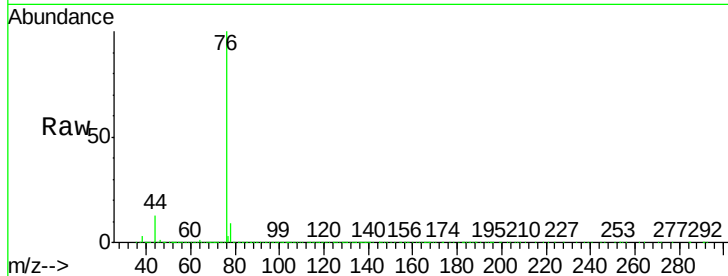
78 9.1 7.3 10.9

Manual Integrations

APPROVED

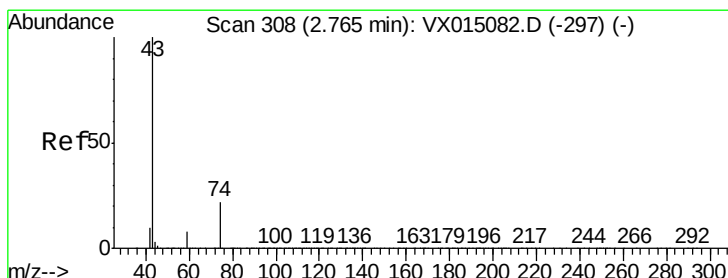
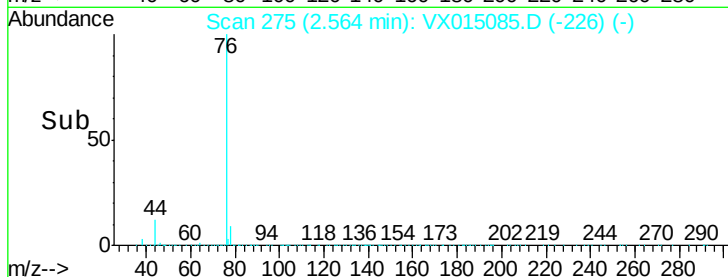
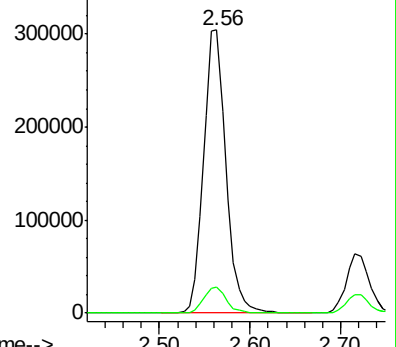
MMDadoda

3/5/2020 12:32:45 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 46.257 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.01 min

Lab File: VX015085.D

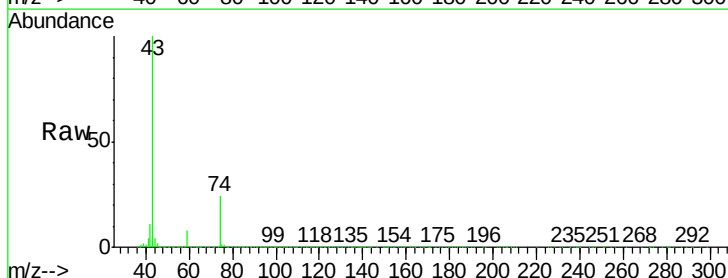
Acq: 04 Mar 2020 13:59

Tgt Ion: 43 Resp: 221907

Ion Ratio Lower Upper

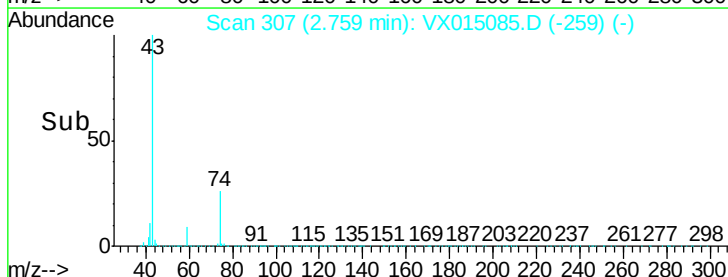
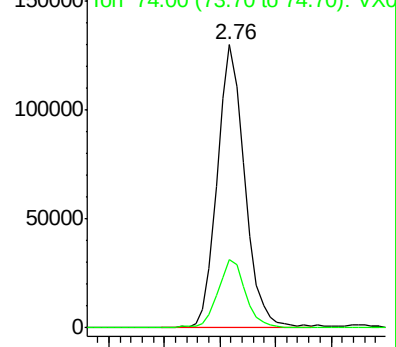
43 100

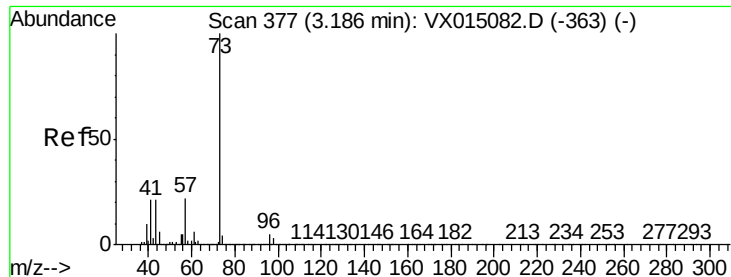
74 24.9 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





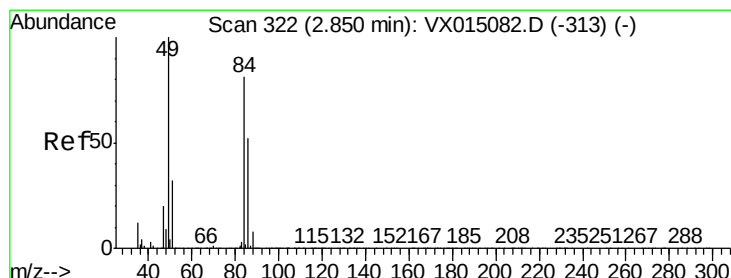
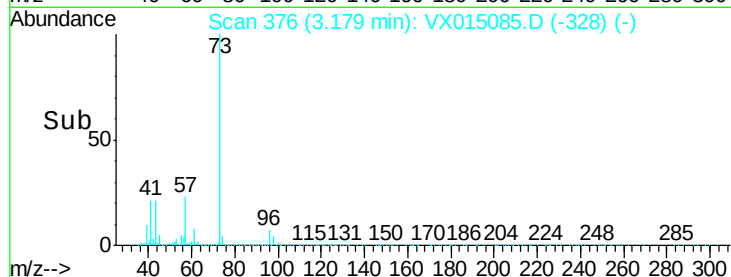
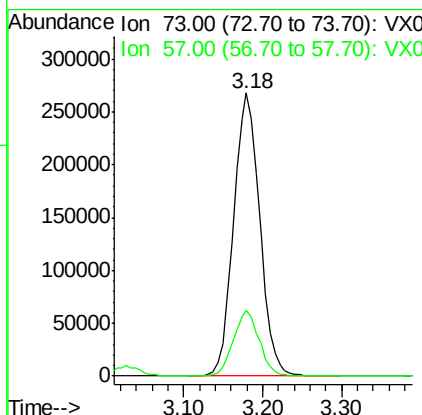
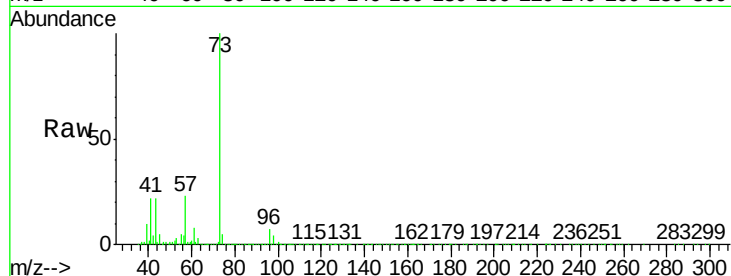
#19
Methyl tert-butyl Ether
Concen: 49.734 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.8	26.6

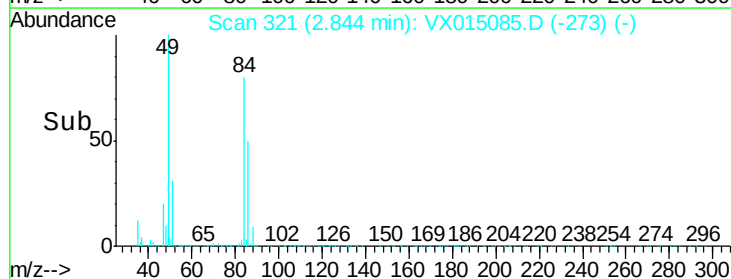
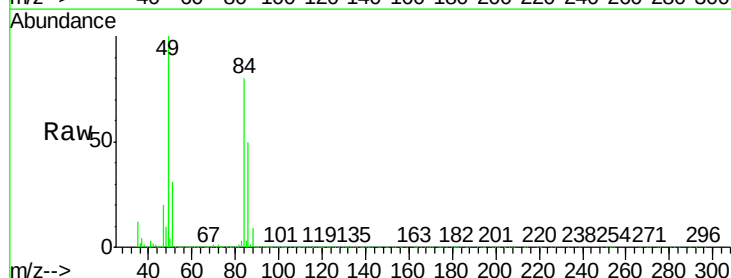
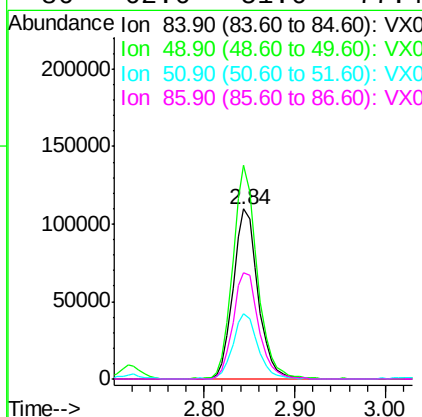
Manual Integrations
APPROVED

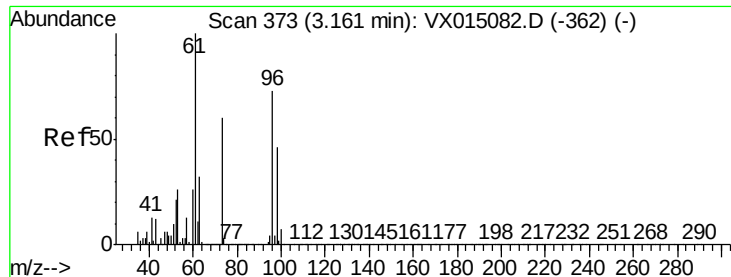
MMDadoda
3/5/2020 12:32:45 PM



#20
Methylene Chloride
Concen: 45.272 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.7	99.4	149.2
51	38.5	31.5	47.3
86	62.6	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 47.965 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

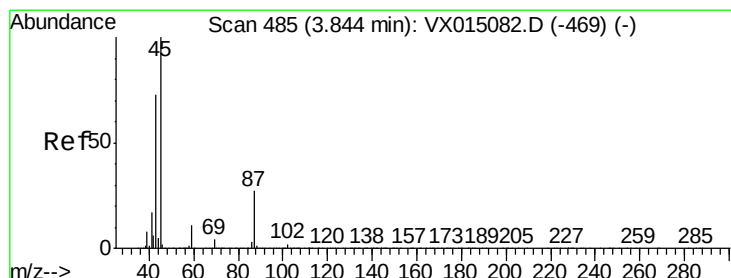
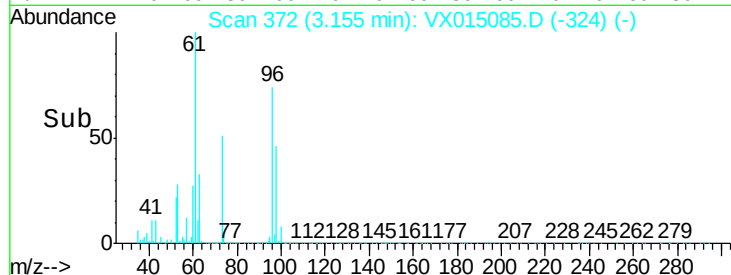
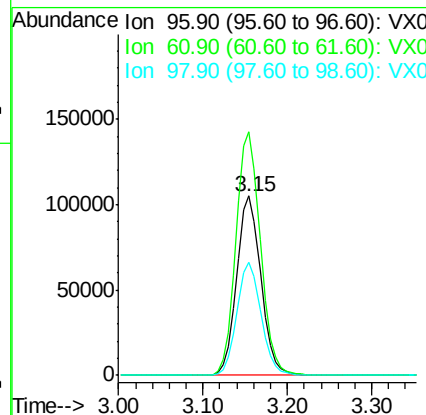
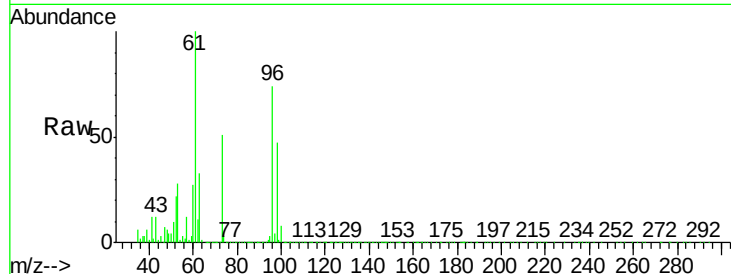
ClientSampleId :

ICVVX030420

Tot Ion:	96	Resp:	203231
Ion Ratio	Lower	Upper	
96	100		
61	135.5	109.9	164.9
98	63.1	50.2	75.2

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#22

Diisopropyl ether

Concen: 49.217 ug/l

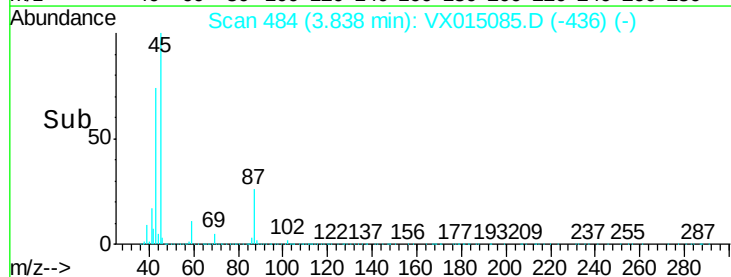
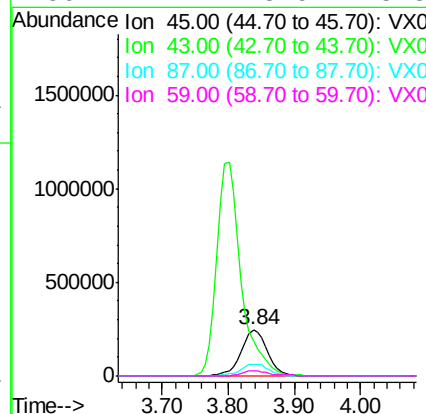
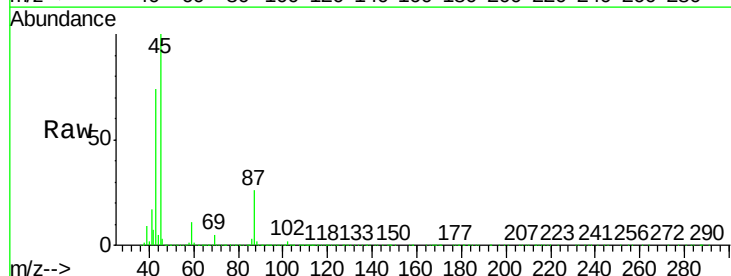
RT: 3.84 min Scan# 484

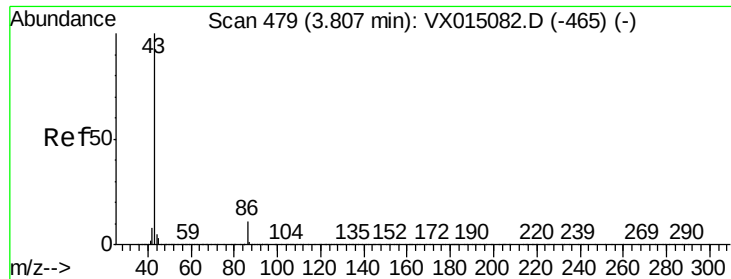
Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	45	Resp:	678457
Ion Ratio	Lower	Upper	
45	100		
43	73.9	58.2	87.2
87	26.1	21.2	31.8
59	11.2	8.9	13.3





#23

Vinyl Acetate

Concen: 258.577 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

ICVVX030420

Tot Ion: 43 Resp: 2930083

Ion Ratio Lower Upper

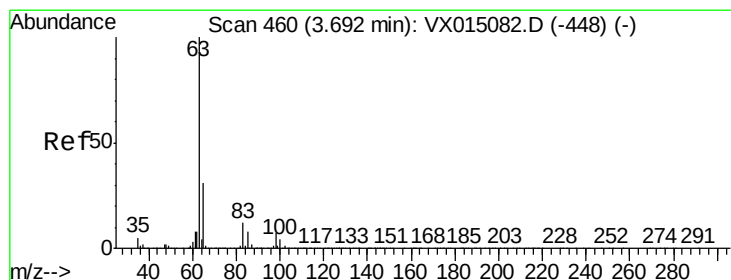
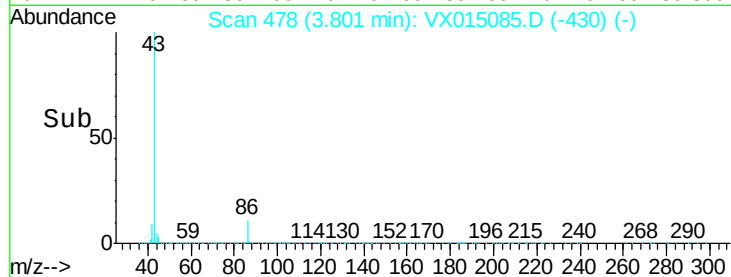
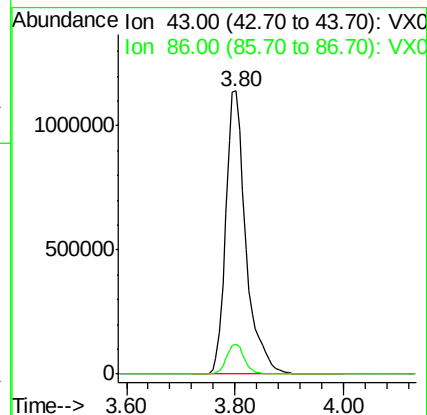
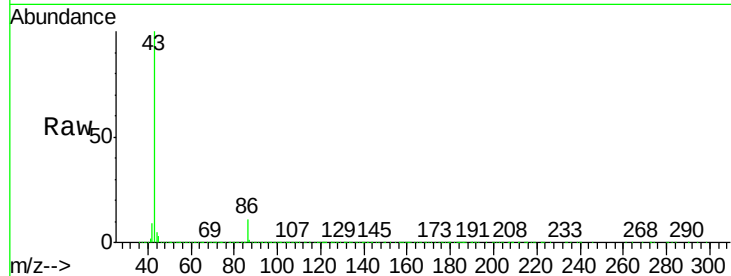
43 100

86 10.7 8.6 12.8

Manual Integrations
APPROVED

MMDadoda

3/5/2020 12:32:45 PM



#24

1,1-Dichloroethane

Concen: 47.801 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

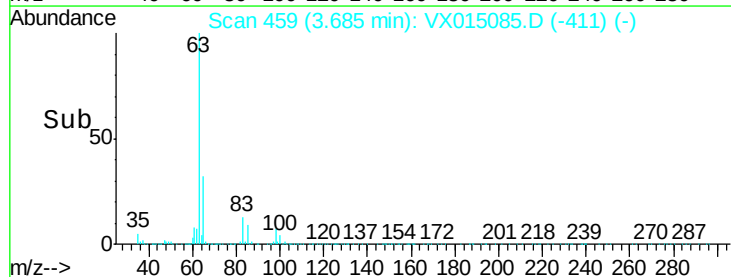
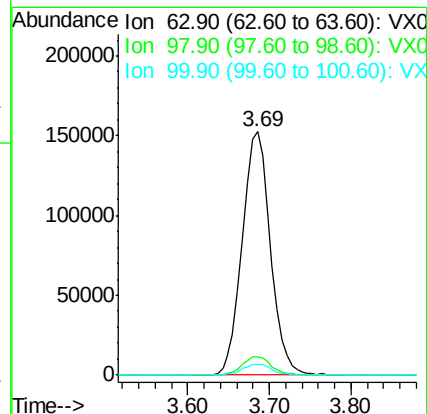
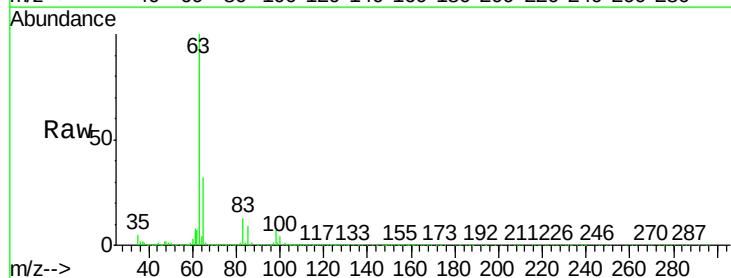
Tgt Ion: 63 Resp: 365722

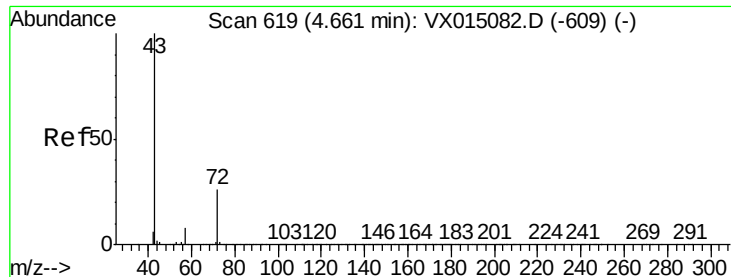
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 4.4 2.1 6.5





#25

2-Butanone

Concen: 260.581 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

ICVVX030420

Tot Ion: 43 Resp: 748454

Ion Ratio Lower Upper

43 100

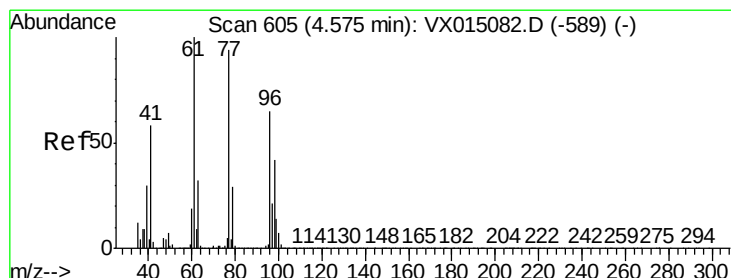
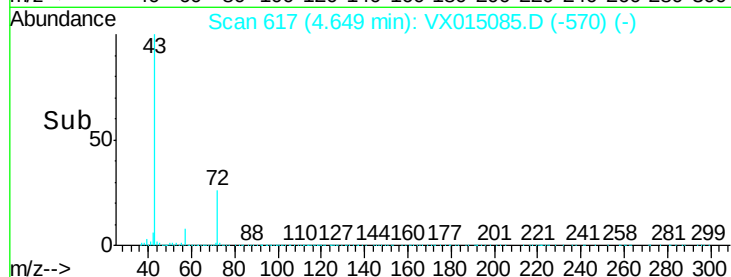
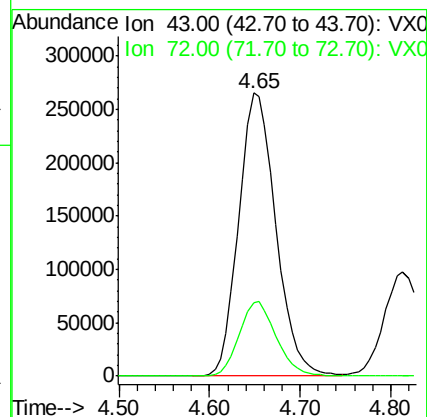
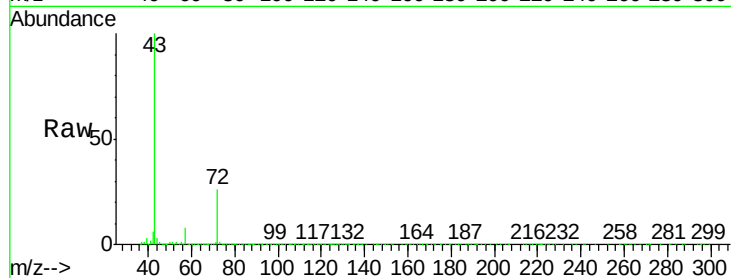
72 25.7 20.6 30.8

Manual Integrations

APPROVED

MMDadoda

3/5/2020 12:32:45 PM



#26

2,2-Dichloropropane

Concen: 49.904 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015085.D

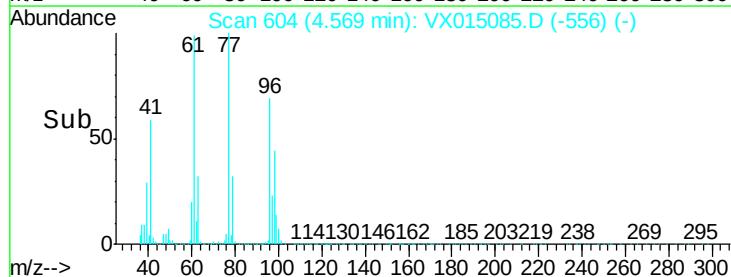
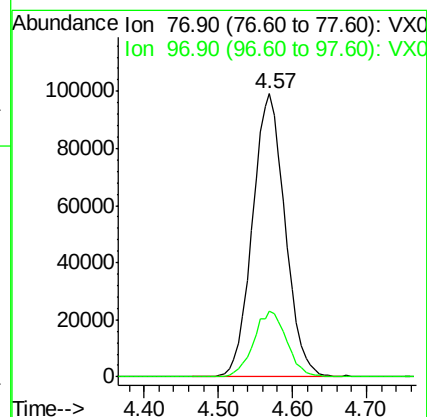
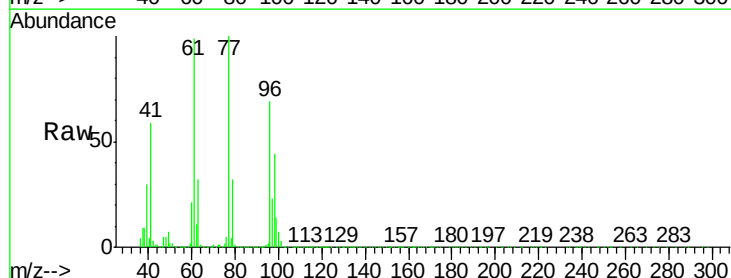
Acq: 04 Mar 2020 13:59

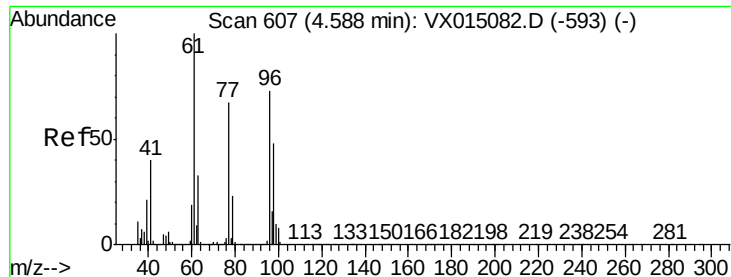
Tgt Ion: 77 Resp: 303098

Ion Ratio Lower Upper

77 100

97 23.2 11.8 35.4





#27

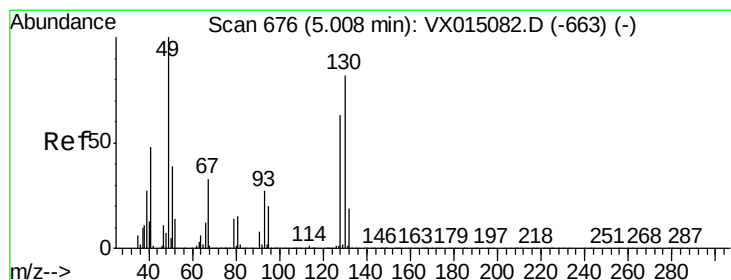
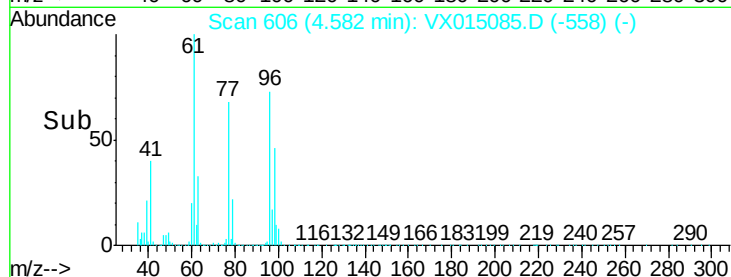
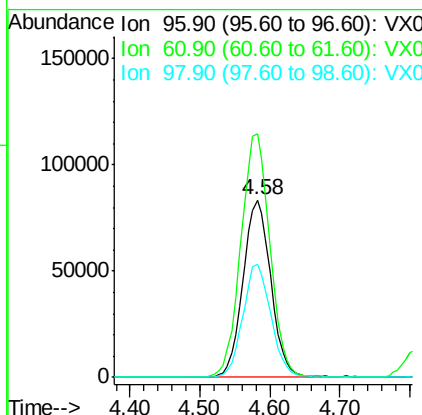
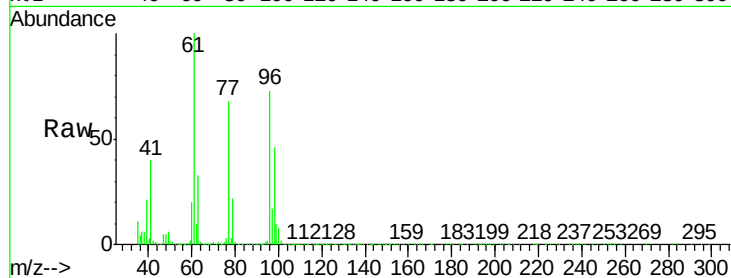
cis-1,2-Dichloroethene
Concen: 48.579 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tot Ion	Ratio	Resp	Lower	Upper
96	100	230918		
61	142.4	0.0	286.8	
98	64.1	0.0	128.4	

Manual Integrations
APPROVED

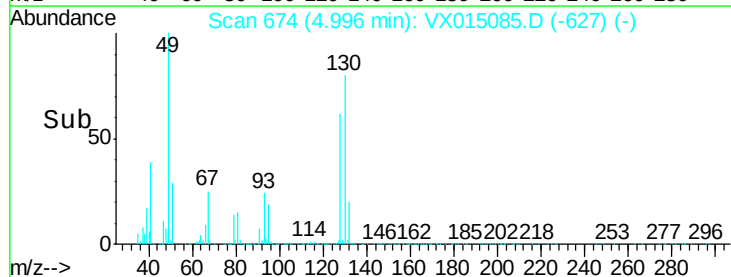
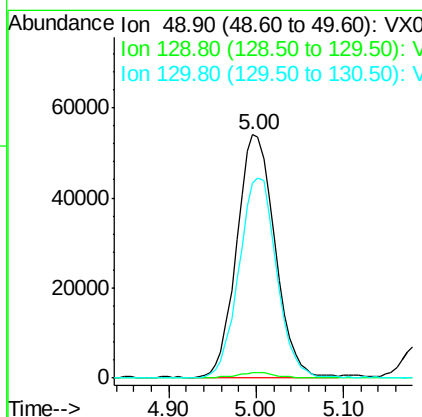
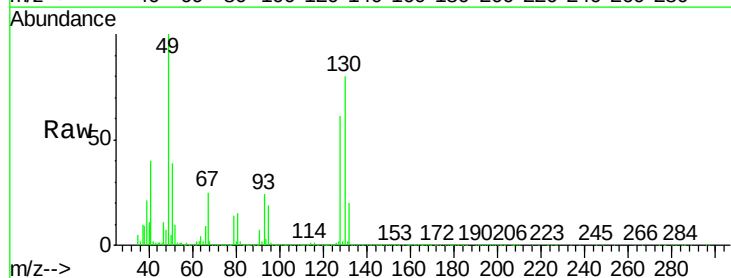
MMDadoda
3/5/2020 12:32:45 PM

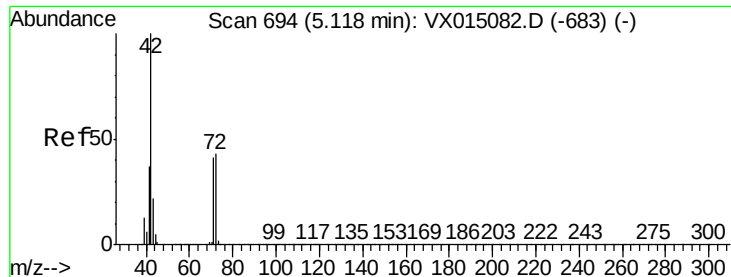


#28

Bromochloromethane
Concen: 46.860 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	163255		
129	2.3	0.0	4.4	
130	81.7	65.0	97.6	





#29

Tetrahydrofuran

Concen: 248.995 ug/l

RT: 5.11 min Scan# 692

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

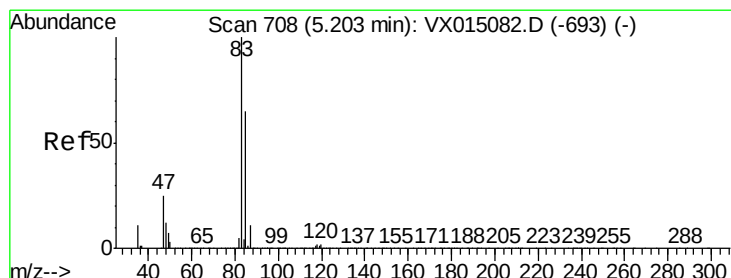
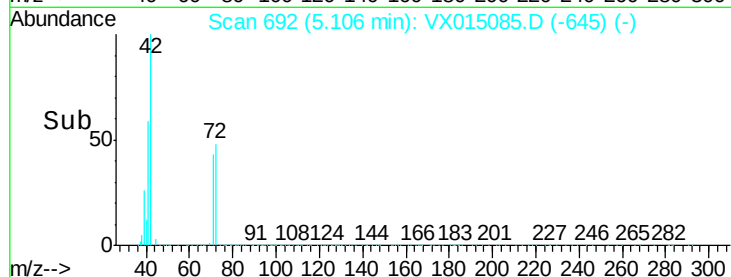
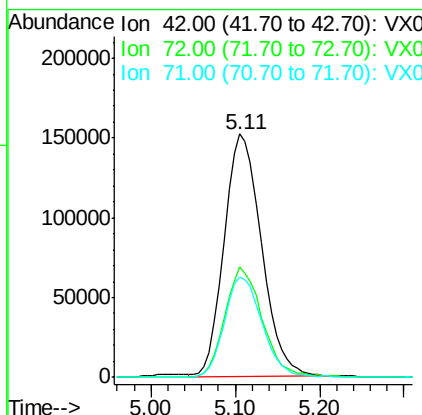
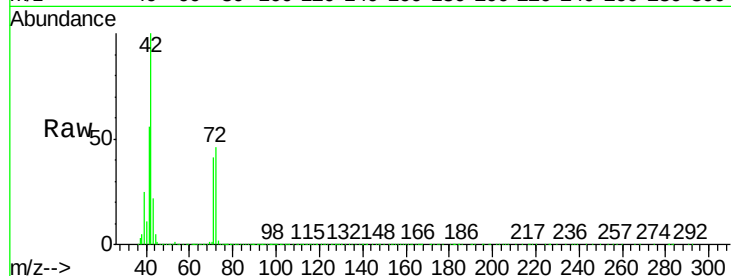
ClientSampleId :

ICVVX030420

Tot Ion:	42	Resp:	461010
Ion Ratio		Lower	Upper
42	100		
72	45.1	36.4	54.6
71	41.4	33.3	49.9

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#30

Chloroform

Concen: 48.201 ug/l

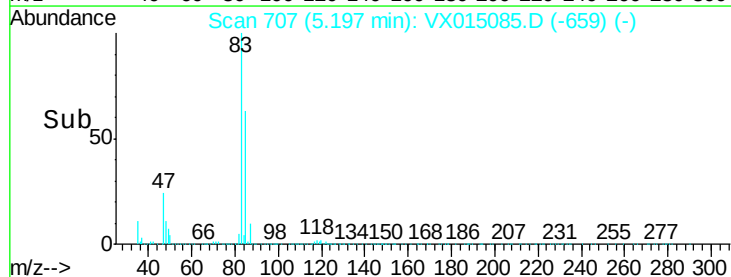
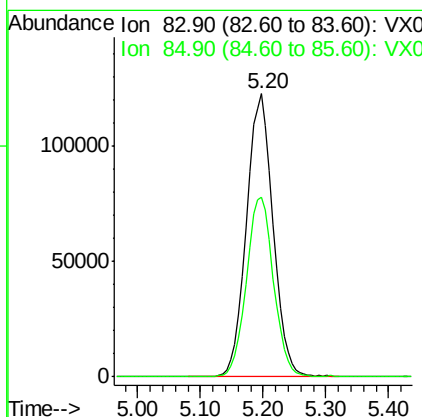
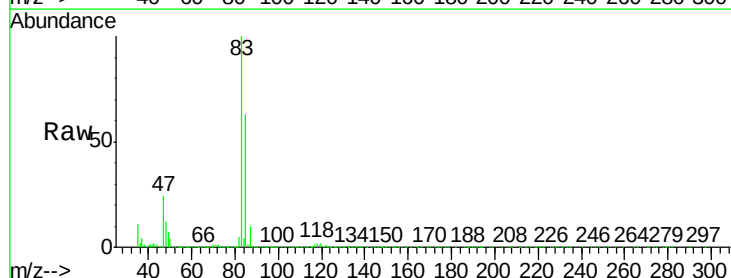
RT: 5.20 min Scan# 707

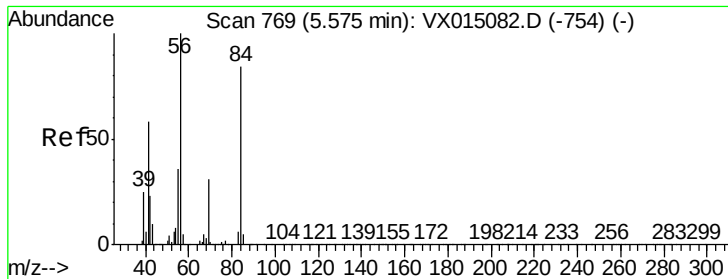
Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	83	Resp:	359436
Ion Ratio		Lower	Upper
83	100		
85	63.2	52.0	78.0





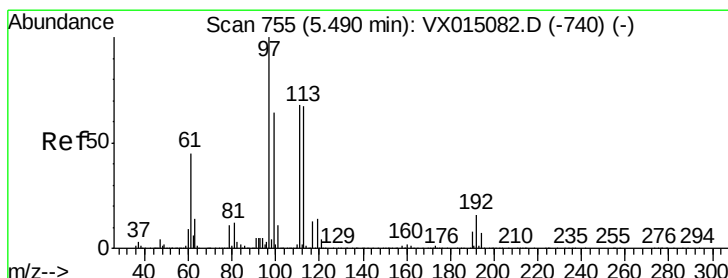
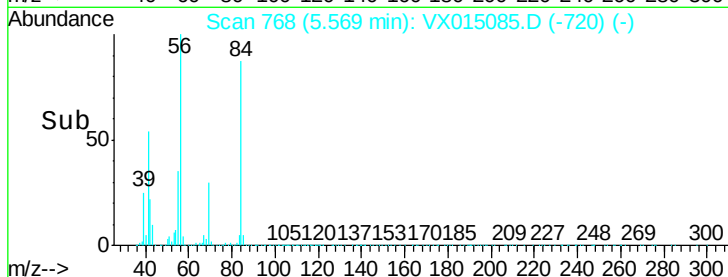
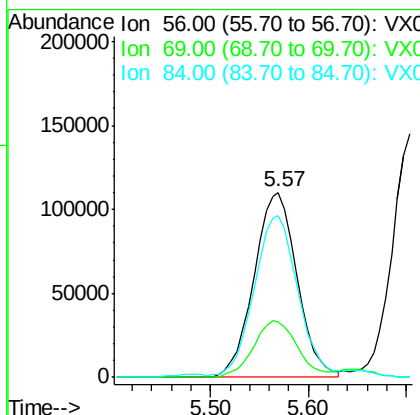
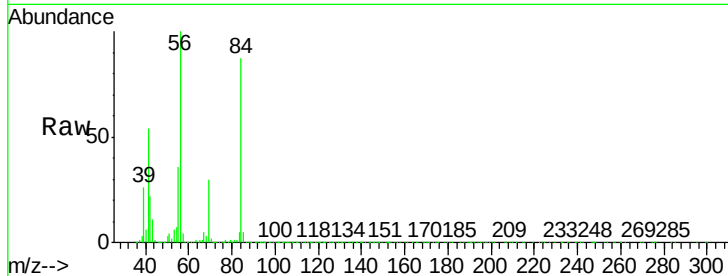
#31
Cyclohexane
Concen: 48.864 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.8	25.0	37.6	
84	86.0	67.6	101.4	

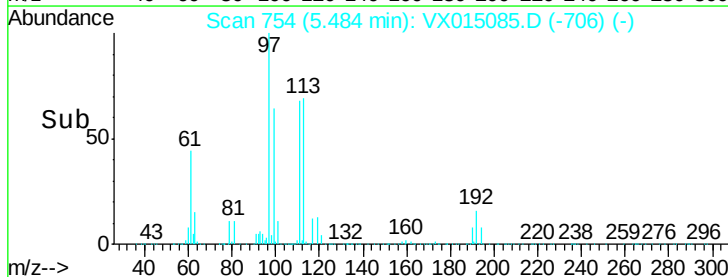
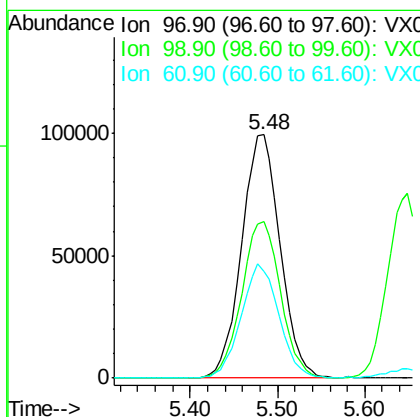
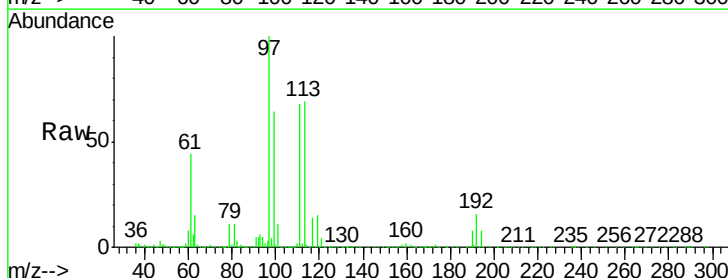
Manual Integrations
APPROVED

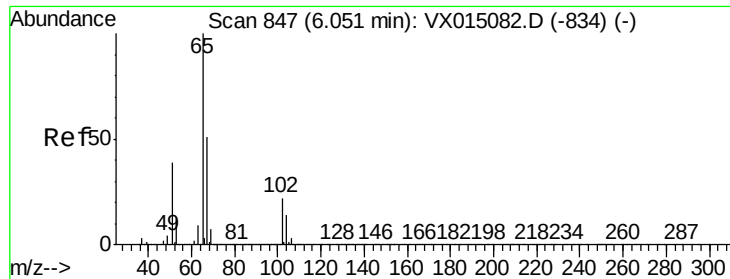
MMDadoda
3/5/2020 12:32:45 PM



#32
1,1,1-Trichloroethane
Concen: 49.083 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.2	52.8	79.2	
61	45.8	36.6	54.8	





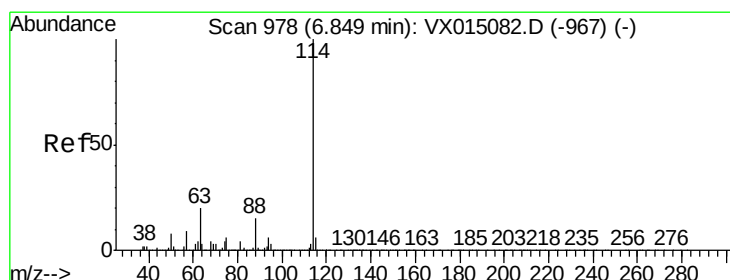
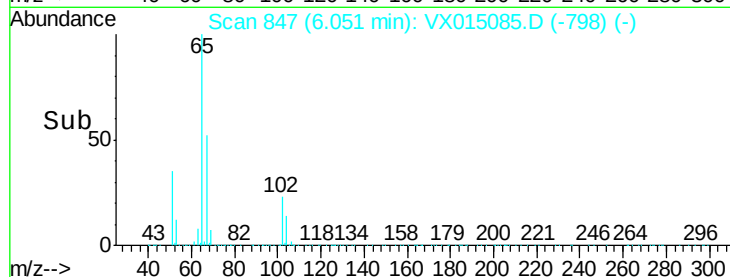
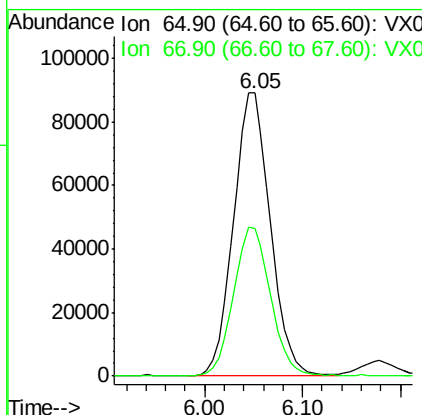
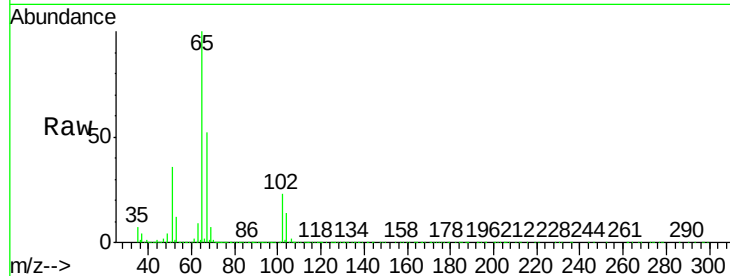
#33
 1,2-Dichloroethane-d4
 Concen: 47.813 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Tot Ion	Ratio	Resp	Lower	Upper
65	100	231631		
67	52.5	0.0	105.6	

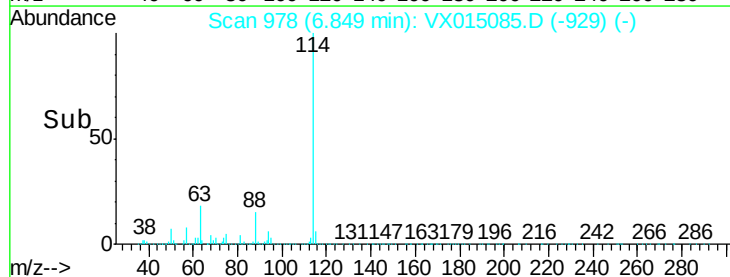
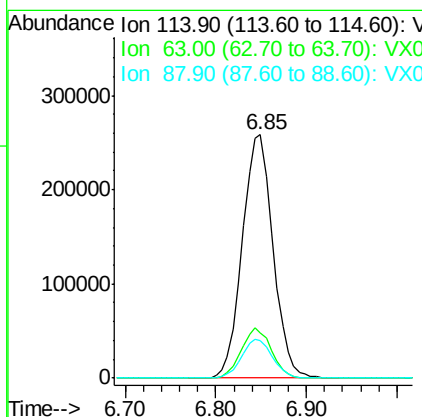
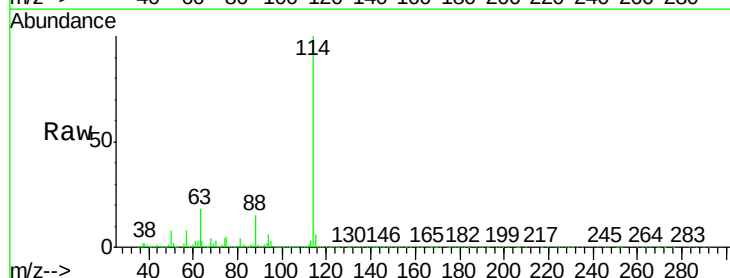
Manual Integrations
 APPROVED

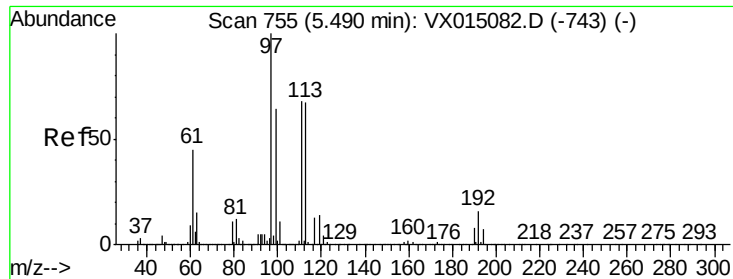
MMDadoda
 3/5/2020 12:32:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	605864		
63	18.3	0.0	40.0	
88	15.2	0.0	30.6	





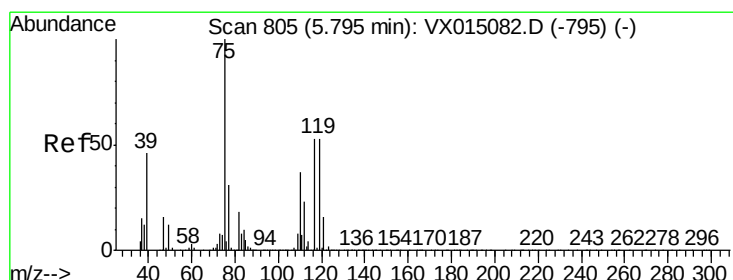
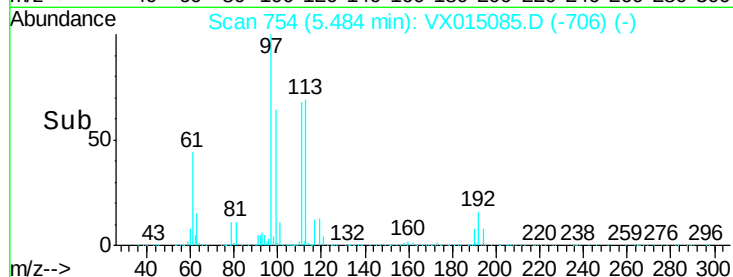
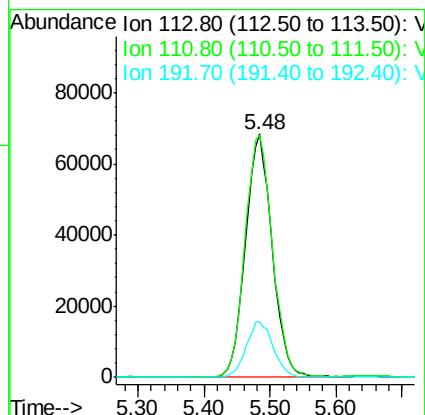
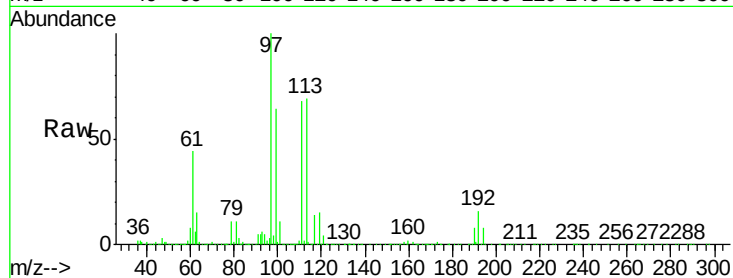
#35
 Dibromofluoromethane
 Concen: 50.123 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Tot Ion	Ratio	Resp	Lower	Upper
113	100	191579		
111	102.4	82.6	123.8	
192	23.5	18.6	28.0	

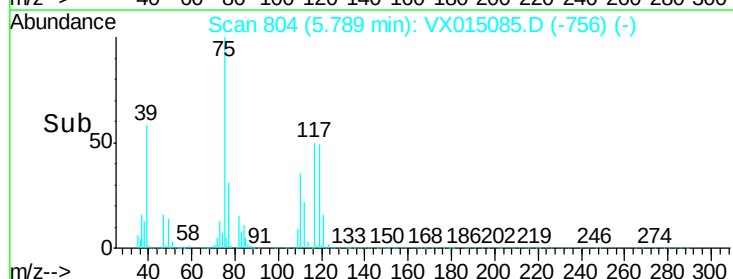
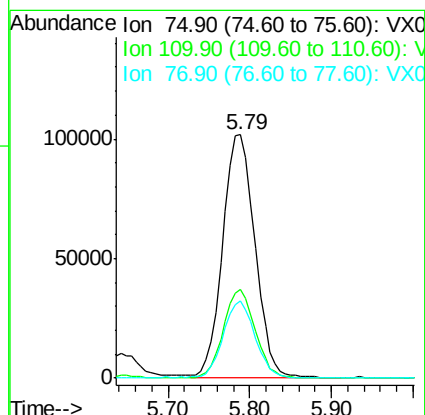
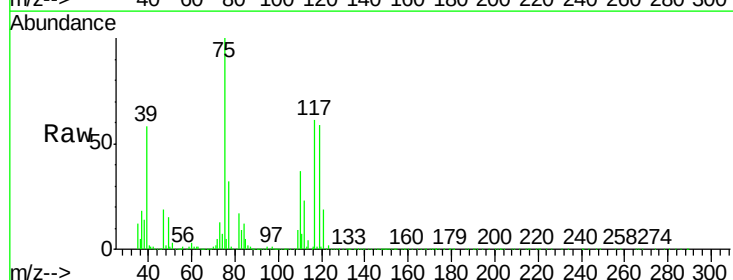
Manual Integrations
 APPROVED

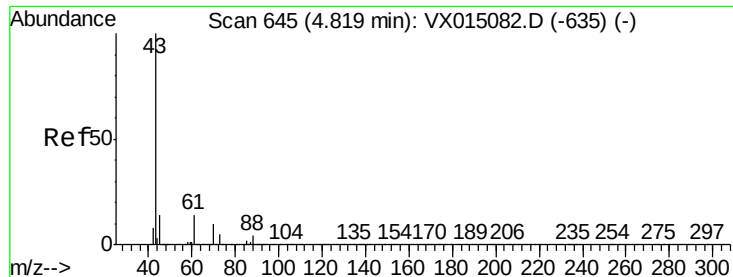
MMDadoda
 3/5/2020 12:32:45 PM



#36
 1,1-Dichloropropene
 Concen: 49.549 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	277524		
110	36.2	17.9	53.8	
77	30.8	24.8	37.2	





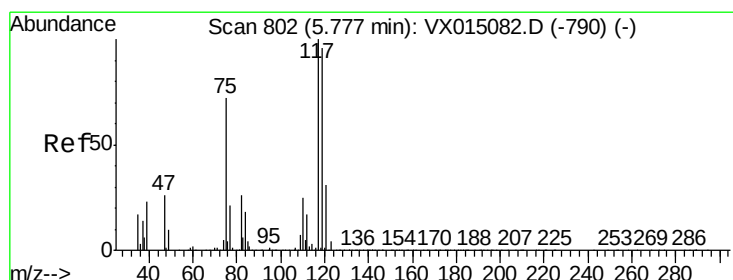
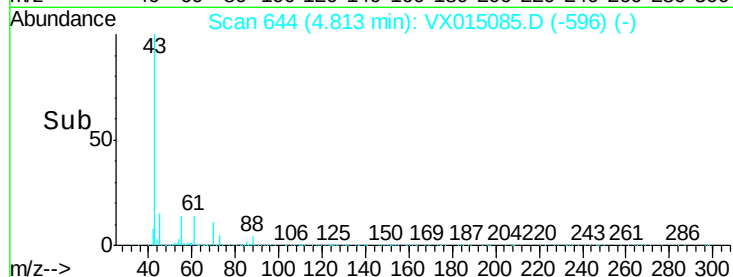
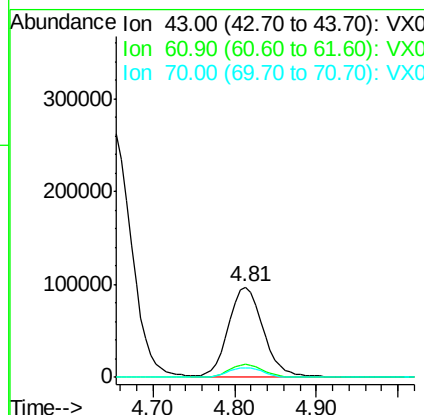
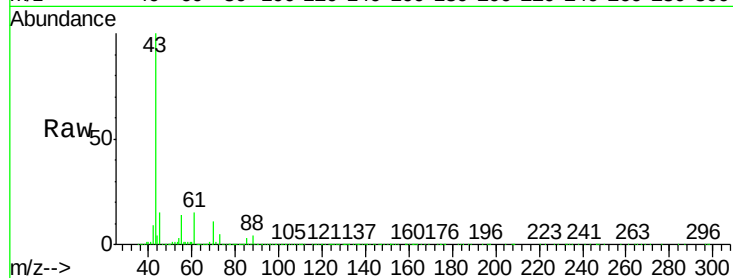
#37
Ethyl Acetate
Concen: 54.518 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion:	43	Resp:	283248
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.0	16.4
70	10.5	8.1	12.1

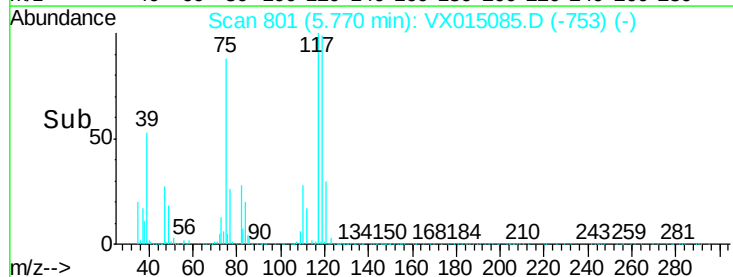
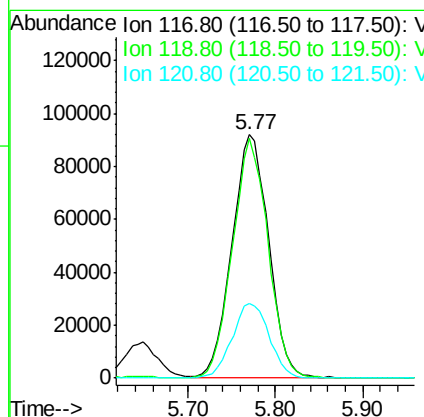
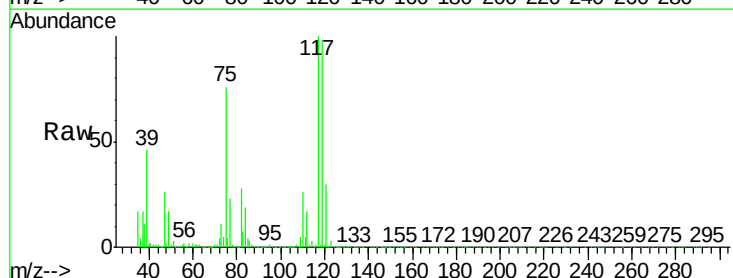
Manual Integrations
APPROVED

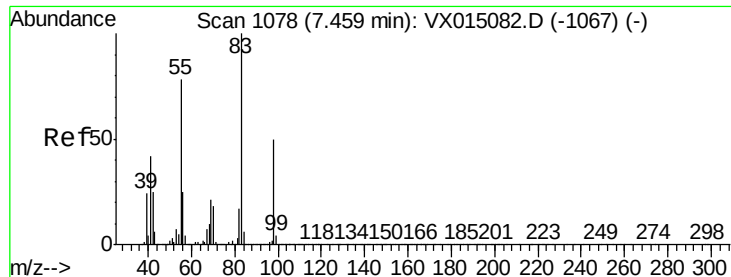
MMDadoda
3/5/2020 12:32:45 PM



#38
Carbon Tetrachloride
Concen: 50.563 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion:	117	Resp:	267318
Ion	Ratio	Lower	Upper
117	100		
119	98.1	76.9	115.3
121	30.4	24.6	37.0





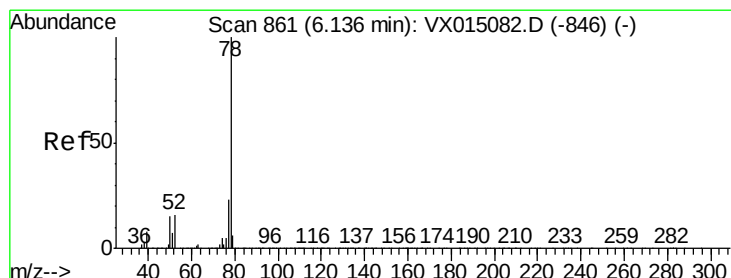
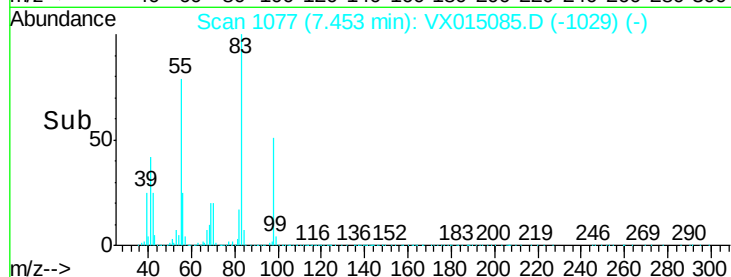
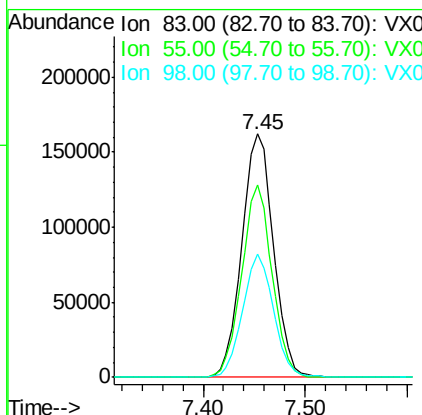
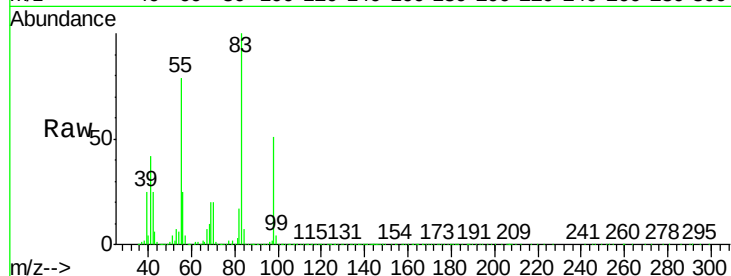
#39
Methylvlcyclohexane
Concen: 53.394 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.0	62.4	93.6
98	50.5	39.7	59.5

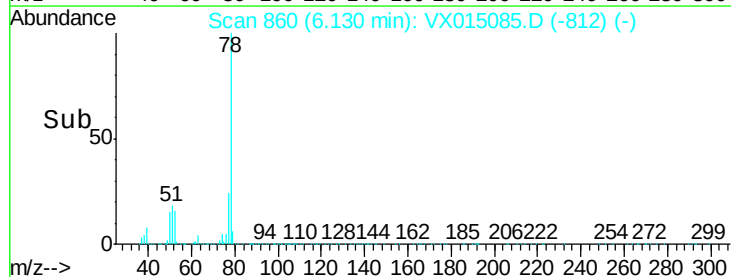
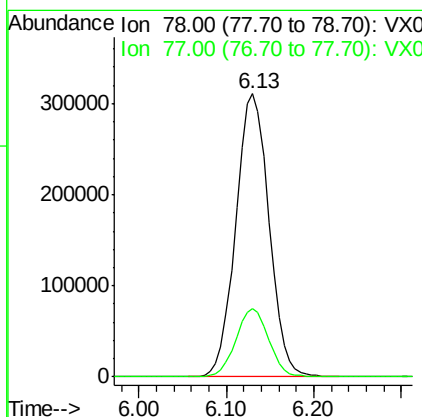
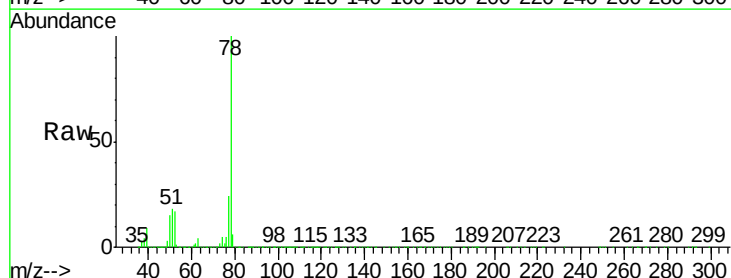
Manual Integrations
APPROVED

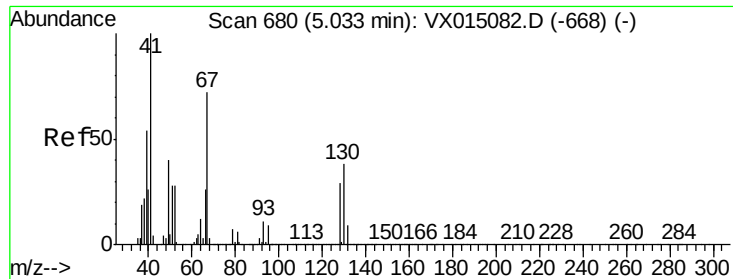
MMDadoda
3/5/2020 12:32:45 PM



#40
Benzene
Concen: 49.290 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	28.0





#41

Methacrylonitrile

Concen: 51.046 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

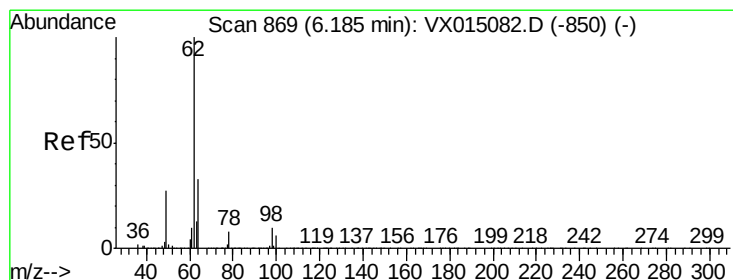
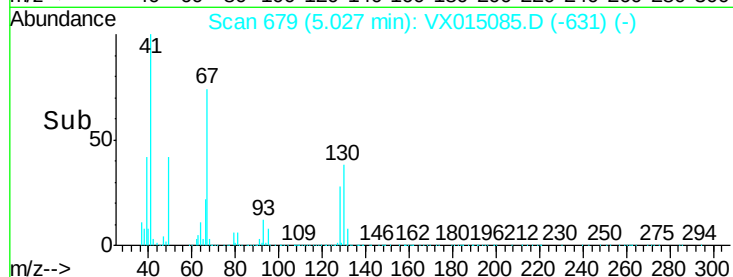
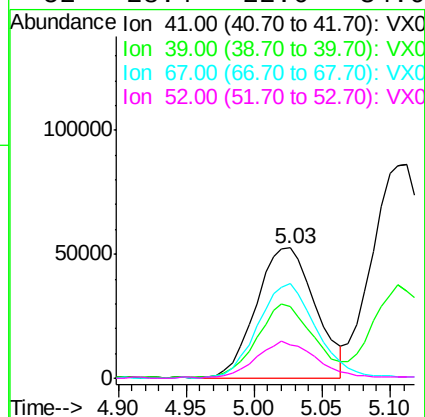
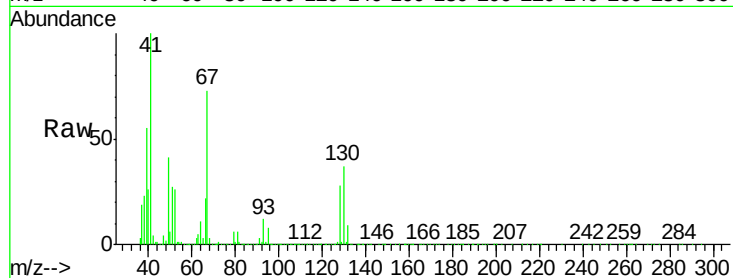
ClientSampled :

ICVVX030420

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.1	43.9	65.9
67	71.3	57.8	86.8
52	28.4	22.6	34.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#42

1,2-Dichloroethane

Concen: 50.670 ug/l

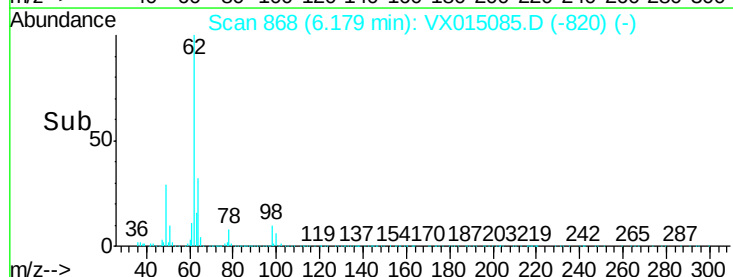
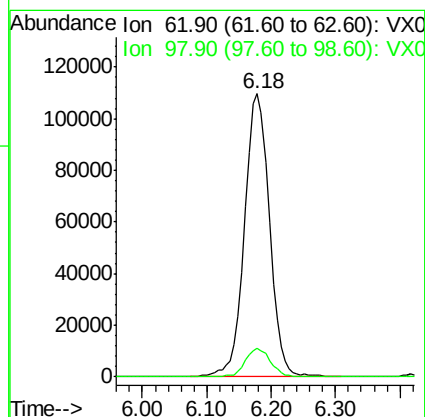
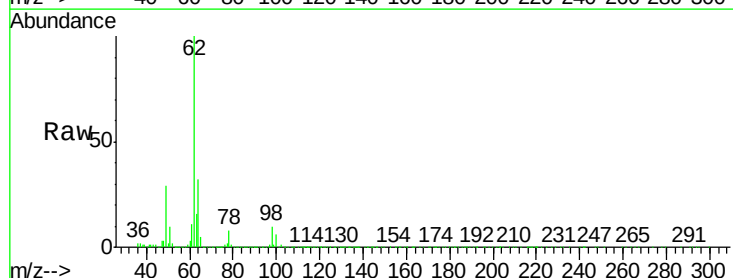
RT: 6.18 min Scan# 868

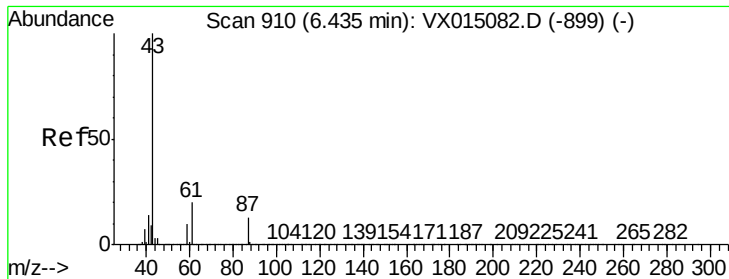
Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.6





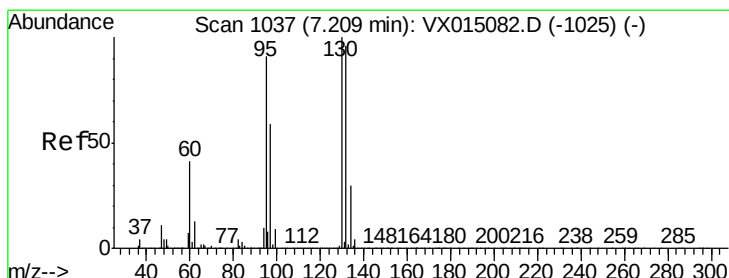
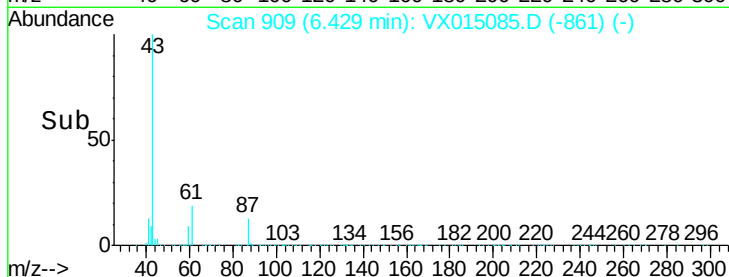
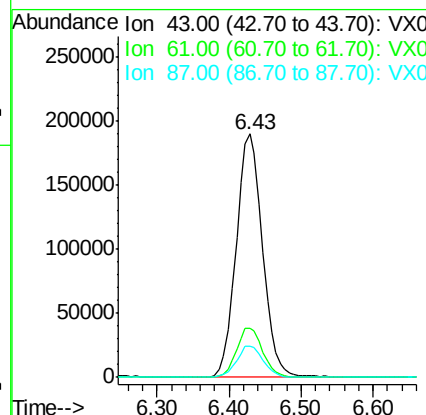
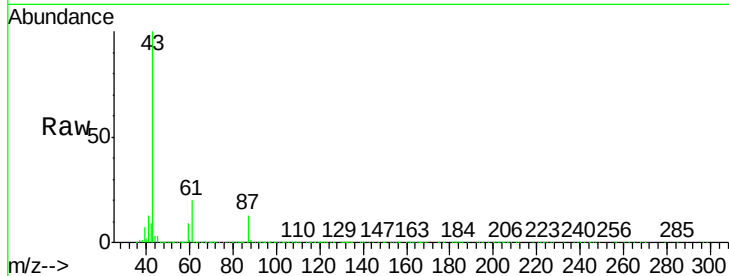
#43
Isopropyl Acetate
Concen: 52.328 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.3	16.1	24.1
87	13.1	10.6	16.0

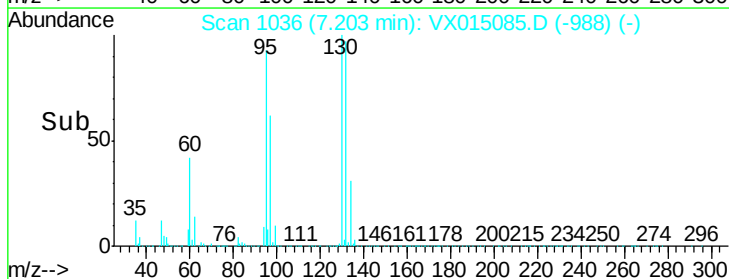
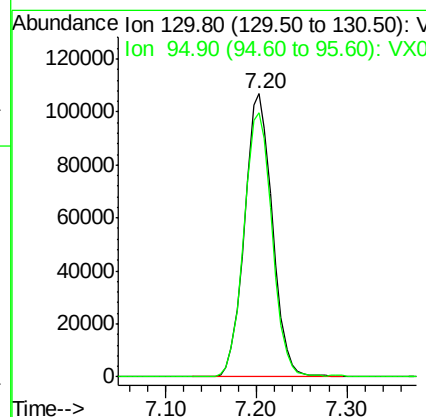
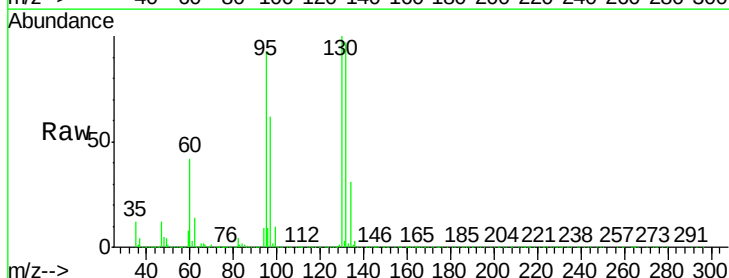
Manual Integrations
APPROVED

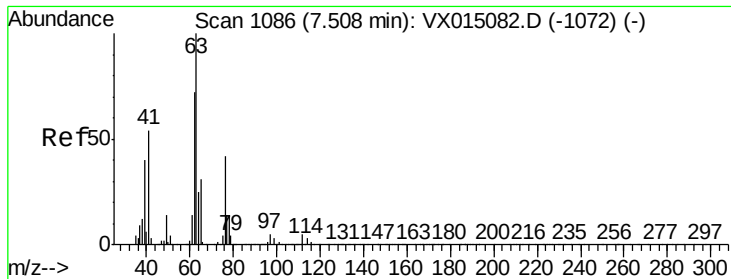
MMDadoda
3/5/2020 12:32:45 PM



#44
Trichloroethene
Concen: 49.011 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.4	0.0	181.2





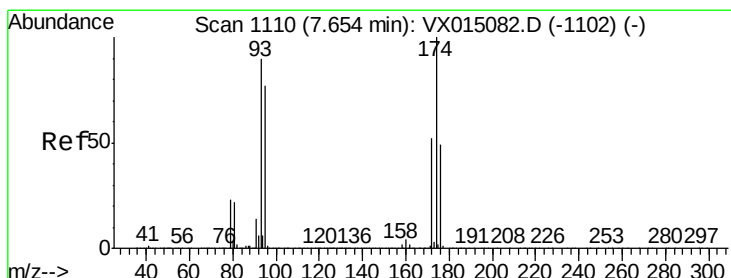
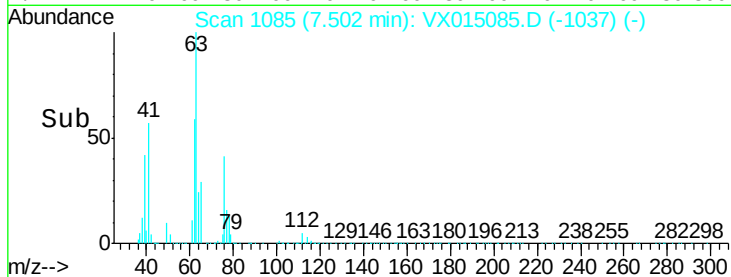
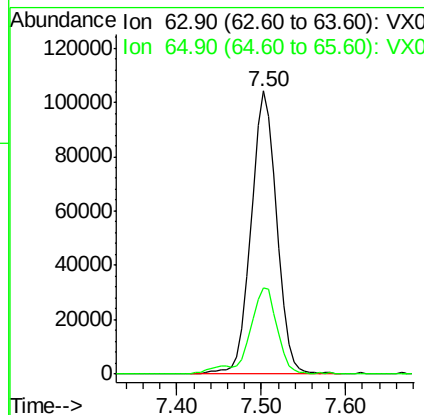
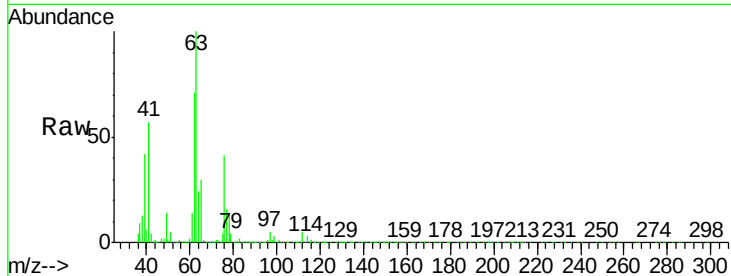
#45
 1,2-Dichloropropane
 Concen: 50.265 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX030420

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	24.6	36.8

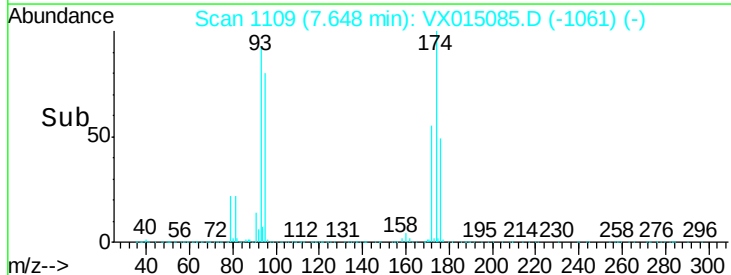
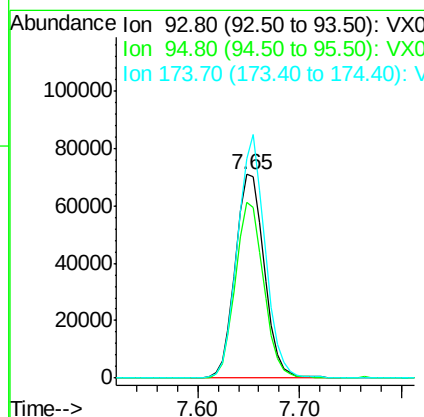
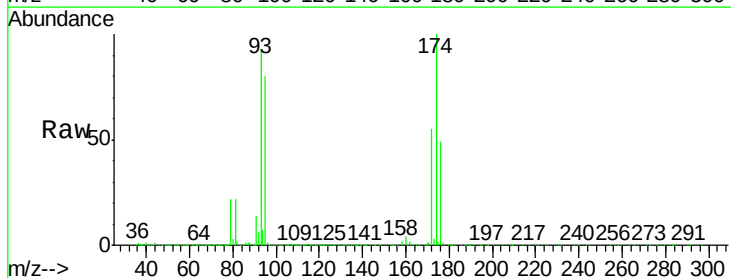
Manual Integrations
 APPROVED

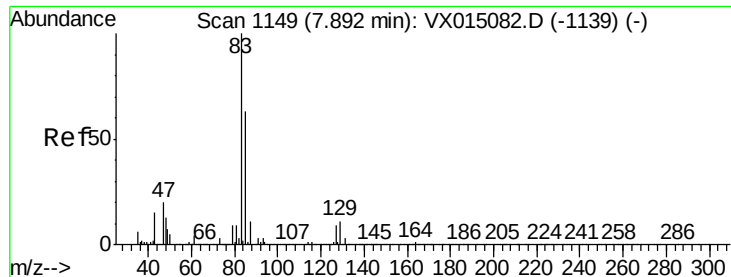
MMDadoda
 3/5/2020 12:32:45 PM



#46
 Dibromomethane
 Concen: 49.625 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.8	101.8
174	113.7	91.0	136.4





#47

Bromodichloromethane

Concen: 50.706 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

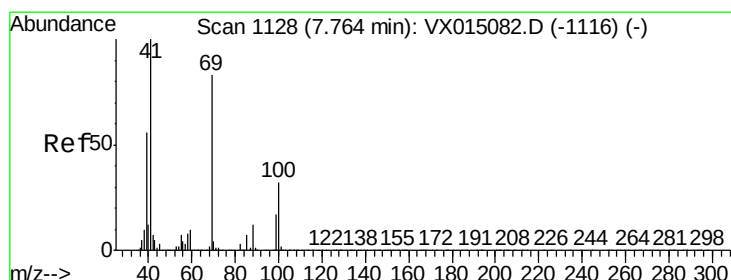
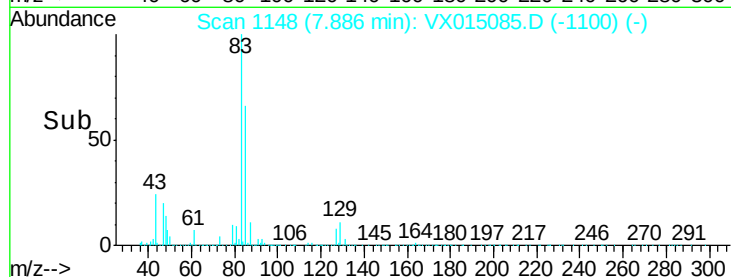
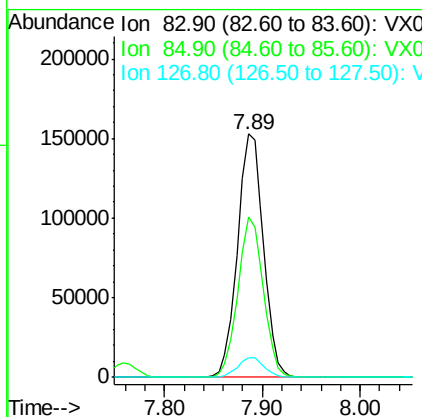
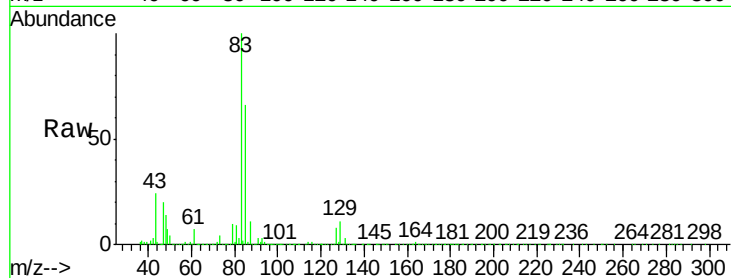
ClientSampleId :

ICVVX030420

Tot Ion:	83	Resp:	281025
Ion Ratio	Lower	Upper	
83	100		
85	65.8	50.6	75.8
127	8.1	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#48

Methyl methacrylate

Concen: 50.513 ug/l

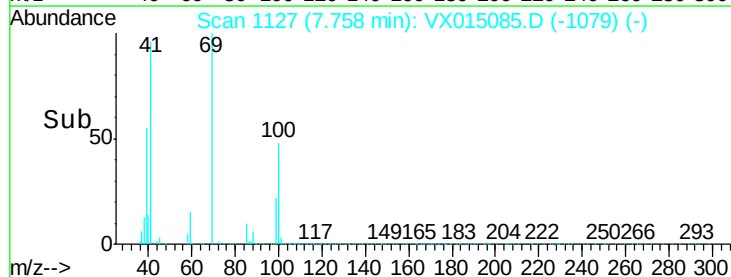
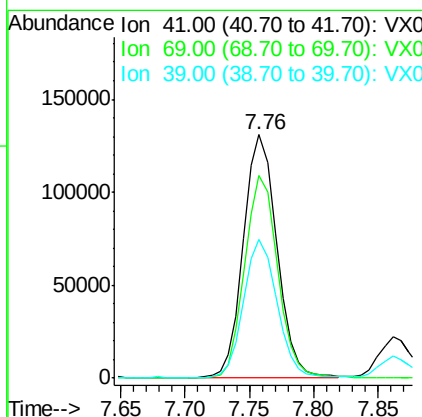
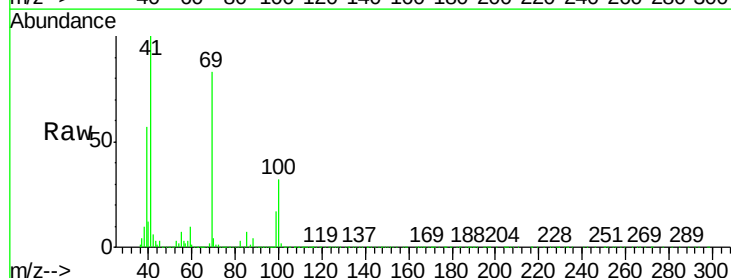
RT: 7.76 min Scan# 1127

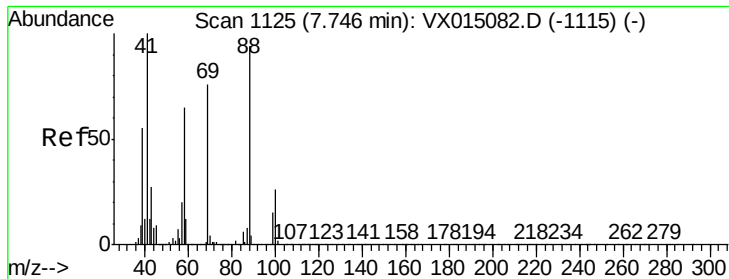
Delta R.T. -0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	41	Resp:	234979
Ion Ratio	Lower	Upper	
41	100		
69	82.1	65.4	98.2
39	56.5	44.6	67.0





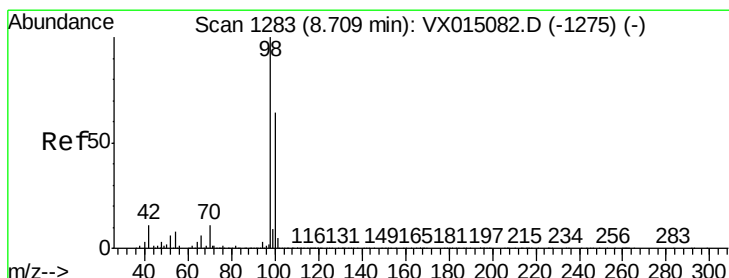
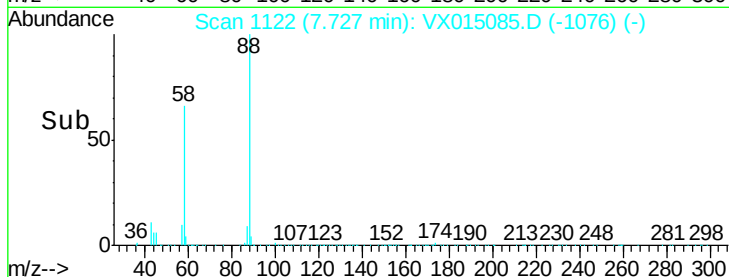
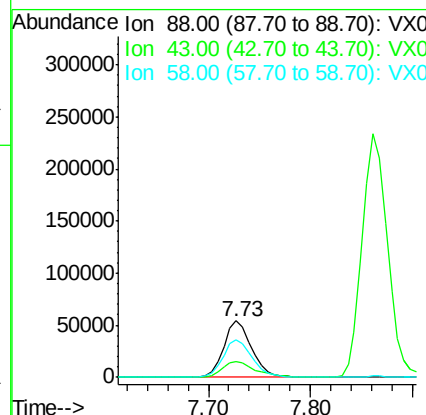
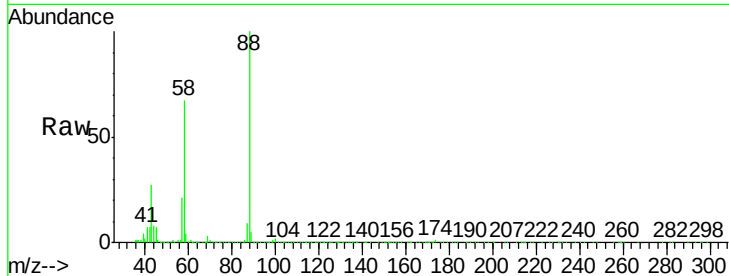
#49
1,4-Dioxane
Concen: 1013.558 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.02 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	27.0	40.4
58	70.0	55.6	83.4

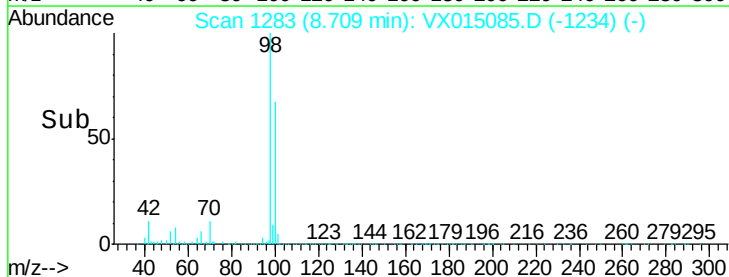
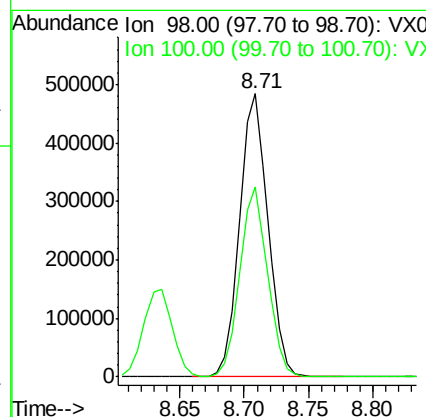
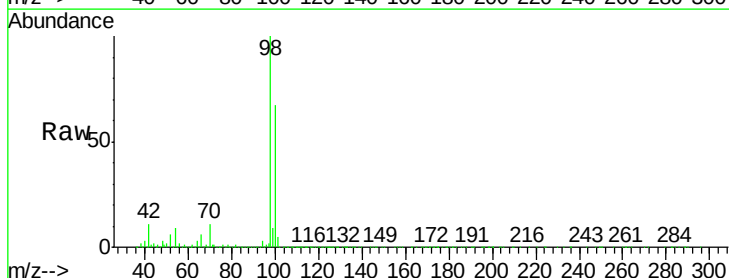
Manual Integrations
APPROVED

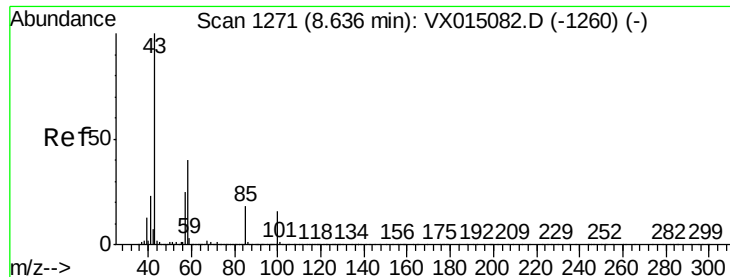
MMDadoda
3/5/2020 12:32:45 PM



#50
Toluene-d8
Concen: 50.818 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.4	78.6





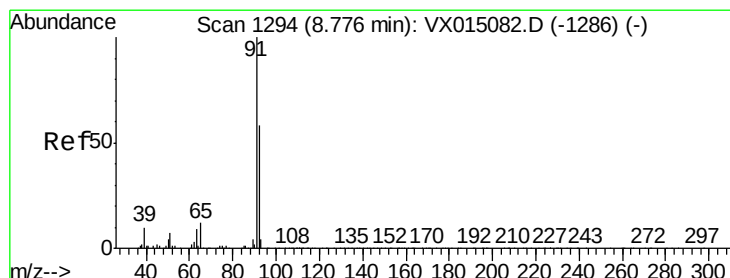
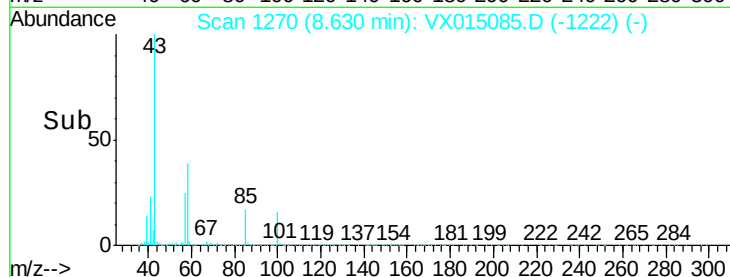
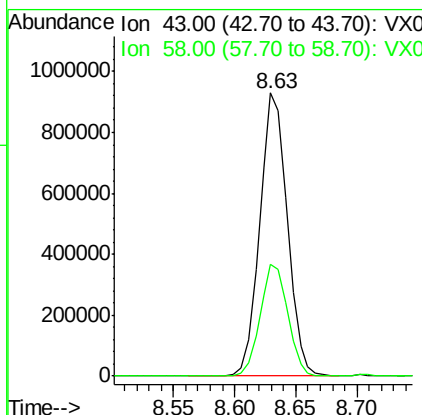
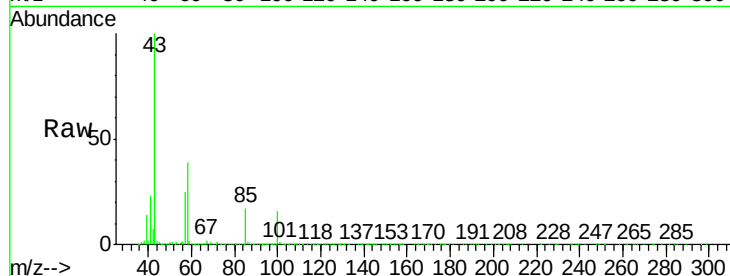
#51
4-Methyl-2-Pentanone
Concen: 270.358 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tot Ion: 43 Resp: 1461017
Ion Ratio Lower Upper
43 100
58 39.6 31.6 47.4

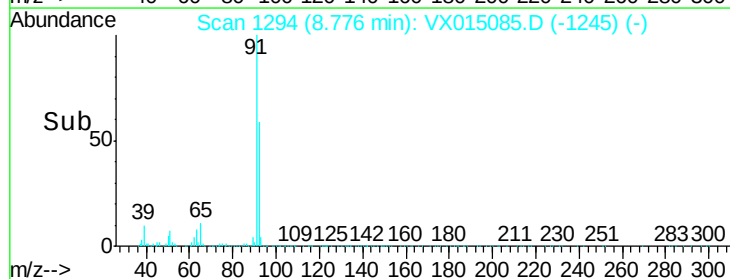
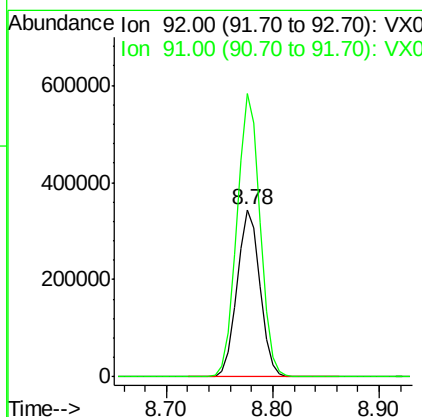
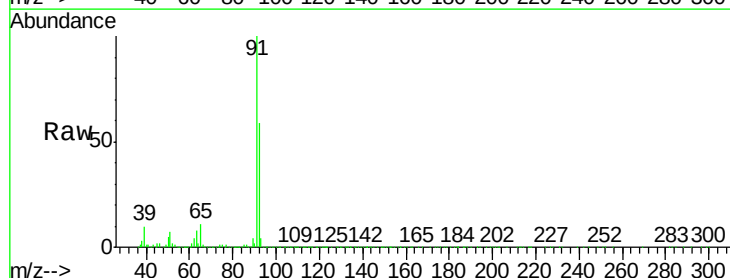
Manual Integrations
APPROVED

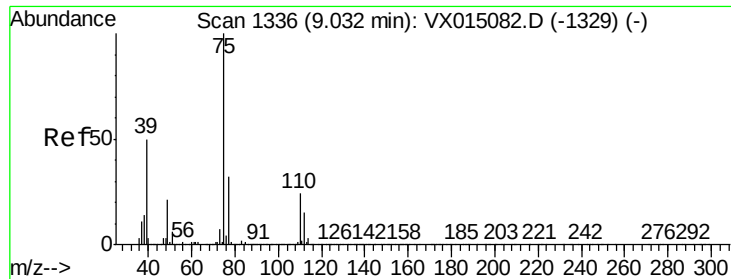
MMDadoda
3/5/2020 12:32:45 PM



#52
Toluene
Concen: 51.185 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 92 Resp: 520059
Ion Ratio Lower Upper
92 100
91 171.1 136.9 205.3





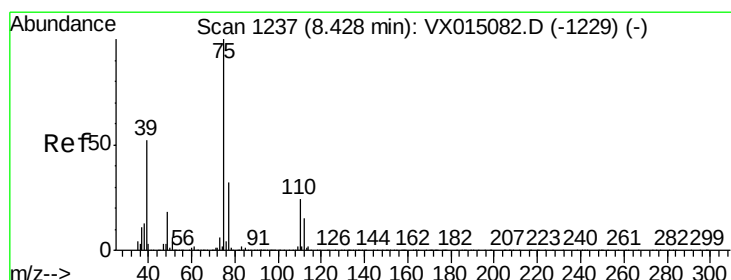
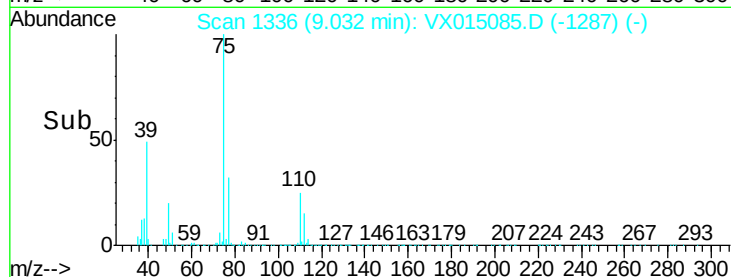
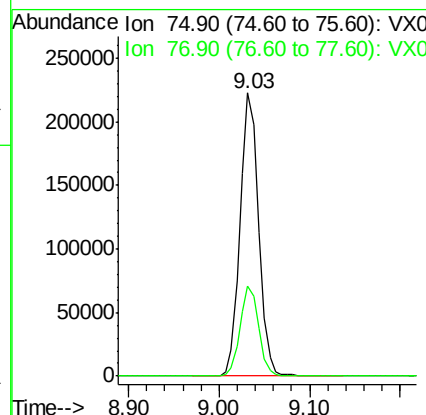
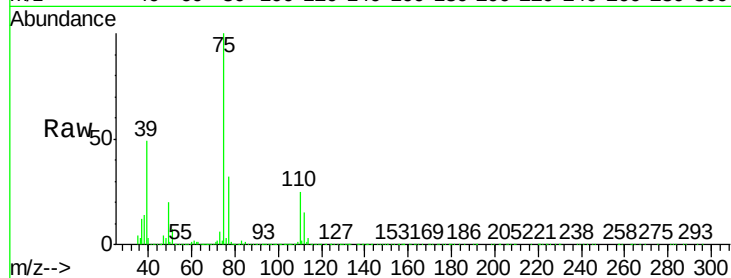
#53
t-1,3-Dichloropropene
Concen: 53.751 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.9	25.4	38.0

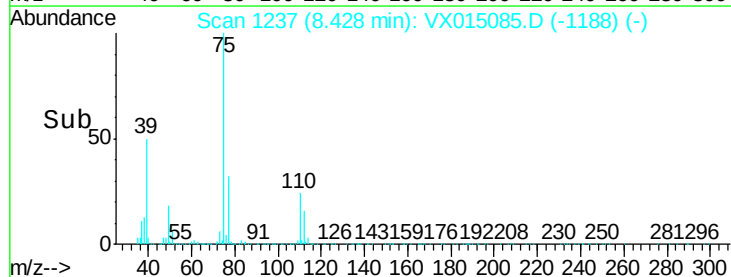
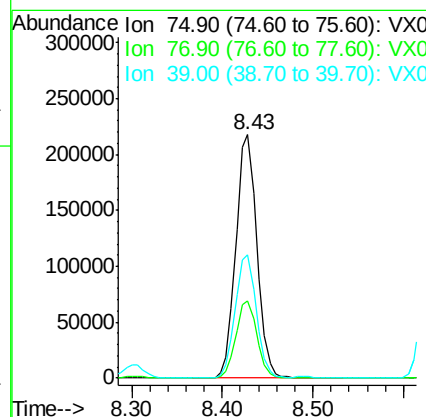
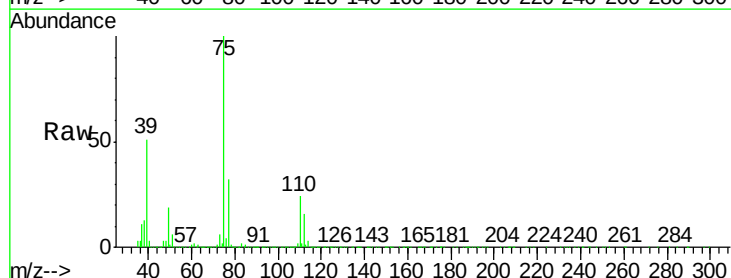
Manual Integrations
APPROVED

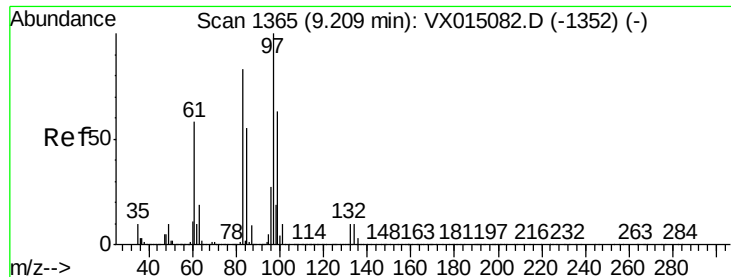
MMDadoda
3/5/2020 12:32:45 PM



#54
cis-1,3-Dichloropropene
Concen: 52.575 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	50.4	41.3	61.9





#55

1,1,2-Trichloroethane

Concen: 49.906 ug/l

RT: 9.21 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

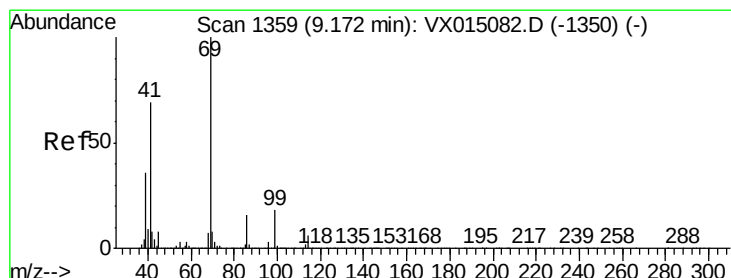
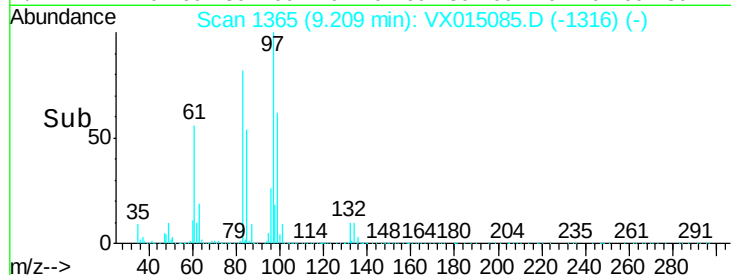
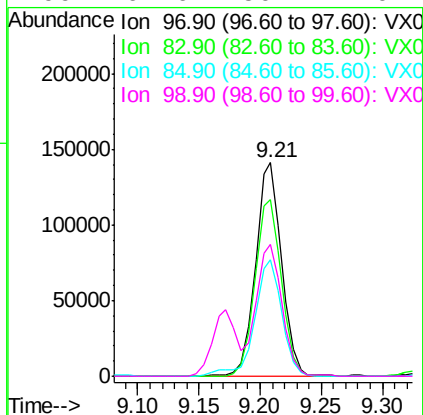
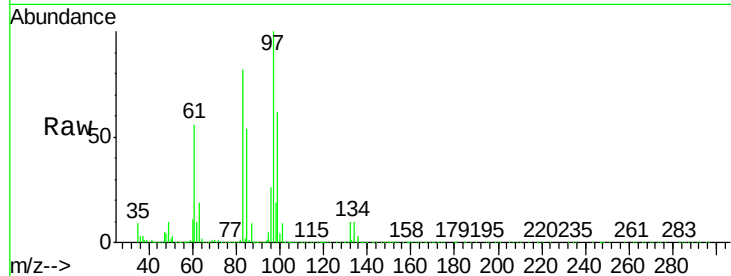
ClientSampleId :

ICVVX030420

Tot Ion	Ratio	Lower	Upper
97	100		
83	82.4	66.4	99.6
85	54.2	43.5	65.3
99	61.6	50.7	76.1

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#56

Ethyl methacrylate

Concen: 55.151 ug/l

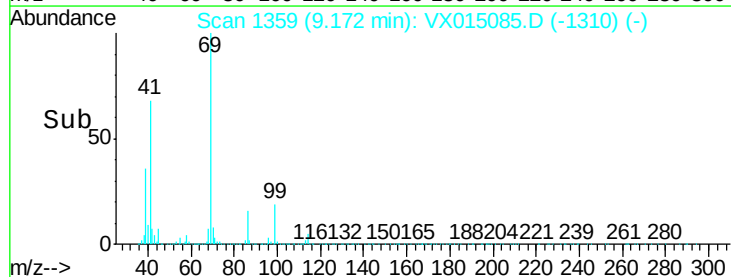
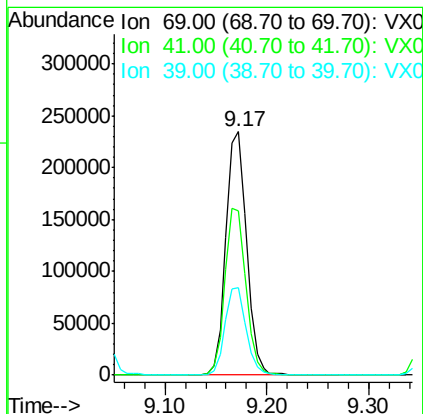
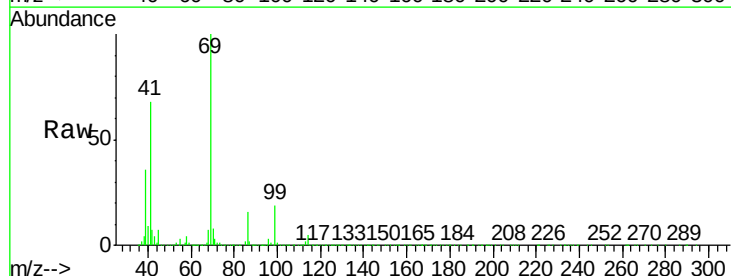
RT: 9.17 min Scan# 1359

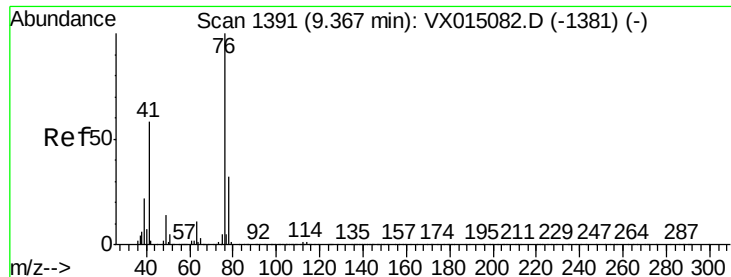
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.2	55.8	83.8
39	36.5	29.4	44.2





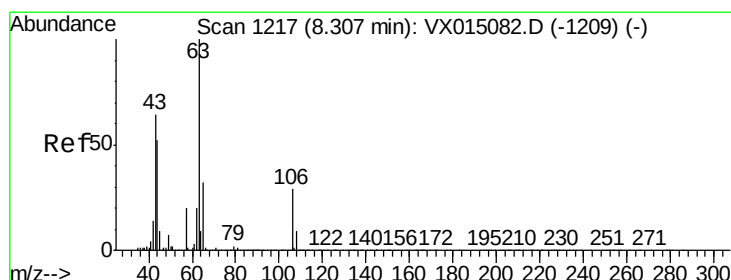
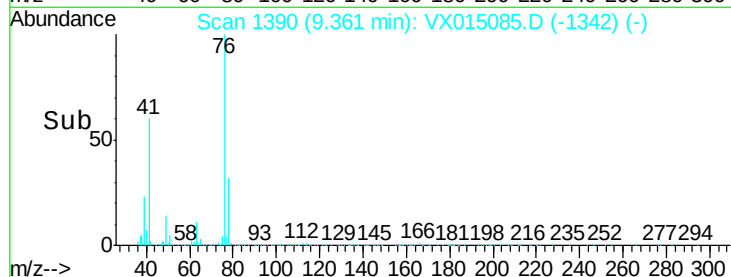
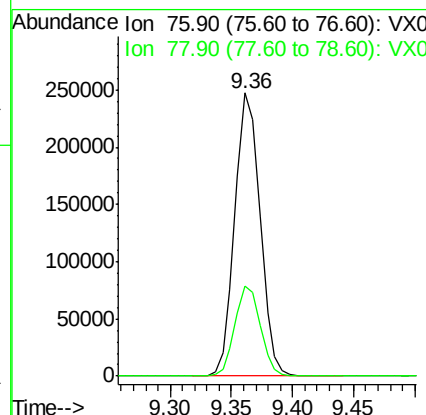
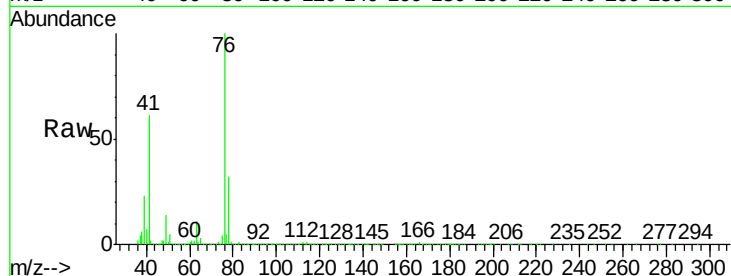
#57
 1,3-Dichloropropane
 Concen: 50.346 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX030420

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.6	38.4

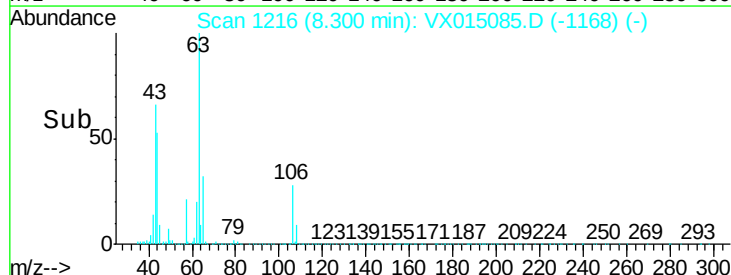
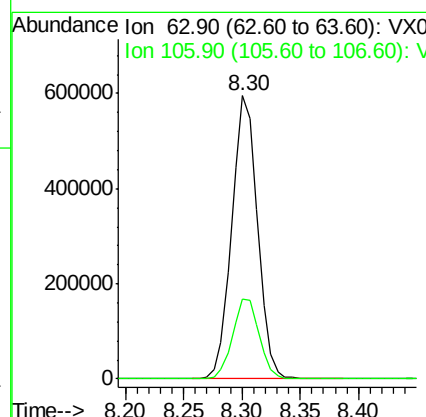
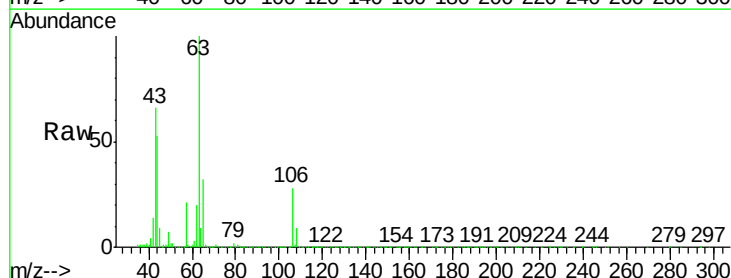
Manual Integrations
 APPROVED

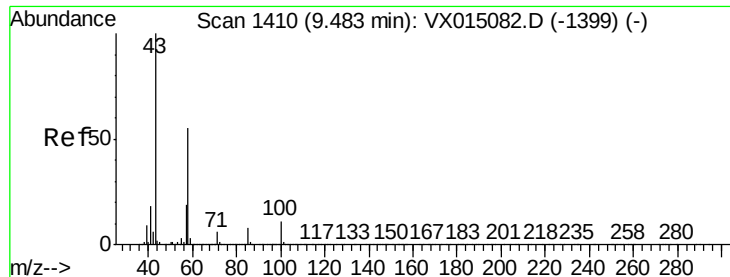
MMDadoda
 3/5/2020 12:32:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.041 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.1	22.8	34.2





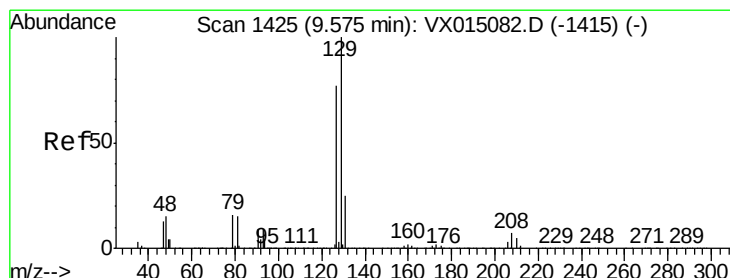
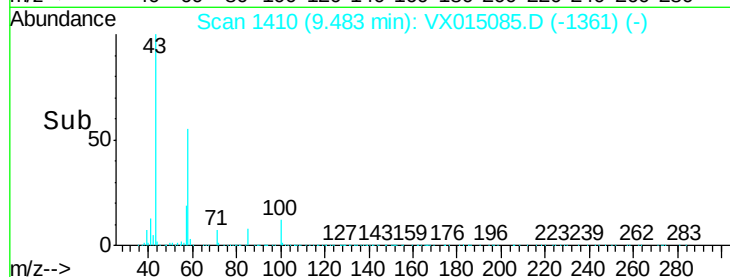
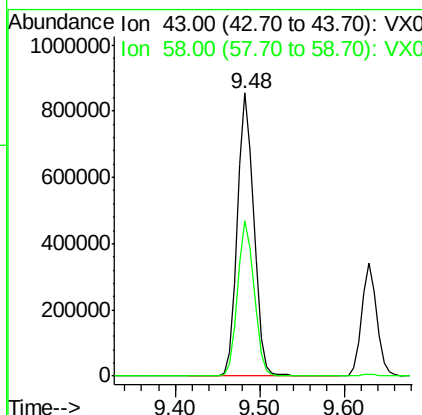
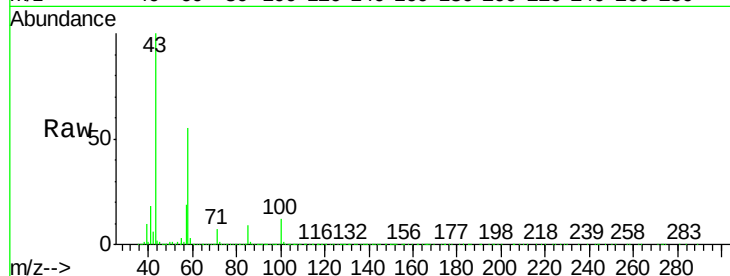
#59
2-Hexanone
Concen: 279.861 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion: 43 Resp: 1120946
Ion Ratio Lower Upper
43 100
58 55.1 27.3 81.8

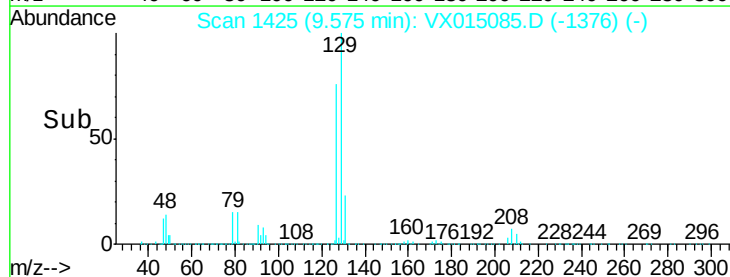
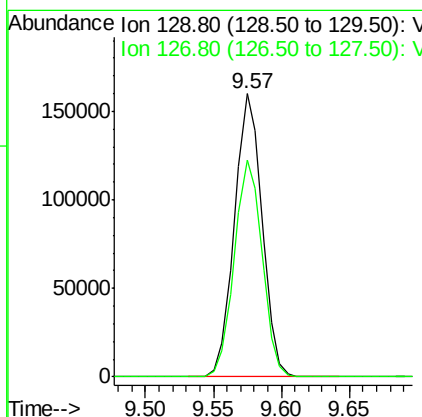
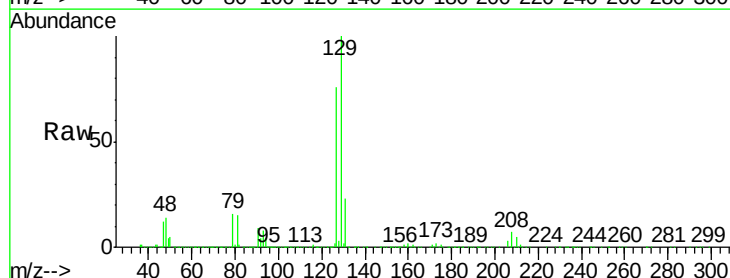
Manual Integrations
APPROVED

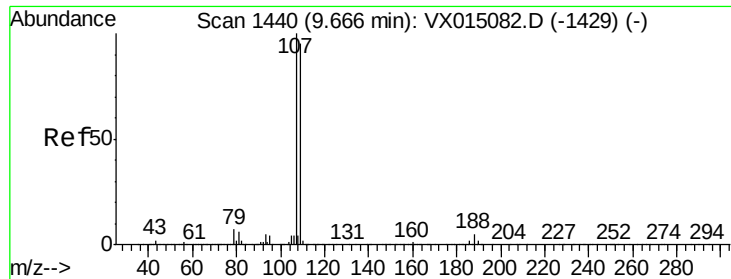
MMDadoda
3/5/2020 12:32:45 PM



#60
Dibromochloromethane
Concen: 51.546 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 129 Resp: 226443
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.3





#61

1,2-Dibromoethane

Concen: 49.598 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

Tot Ion: 107 Resp: 217863

Ion Ratio Lower Upper

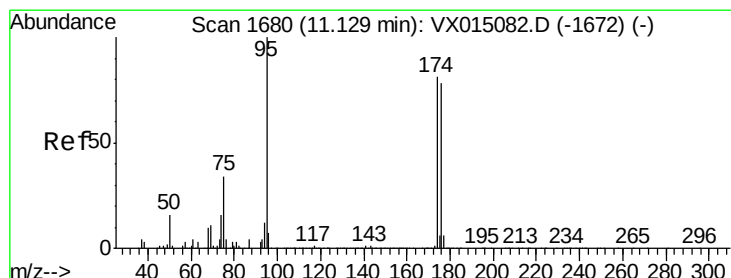
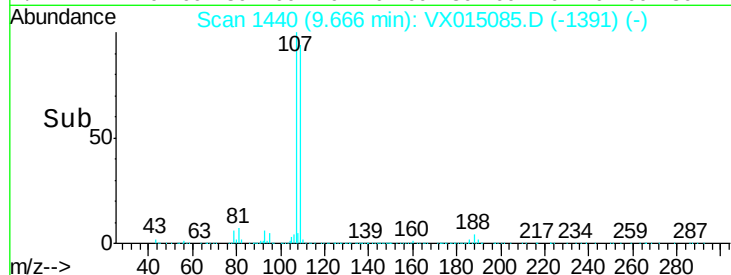
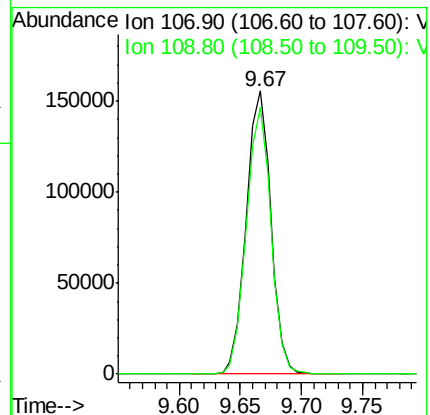
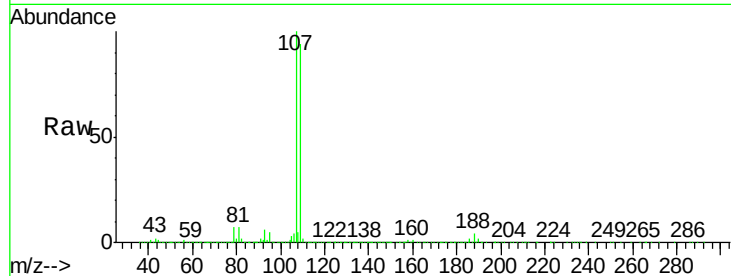
107 100

109 94.0 75.6 113.4

Manual Integrations
APPROVED

MMDadoda

3/5/2020 12:32:45 PM



#62

4-Bromofluorobenzene

Concen: 51.179 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

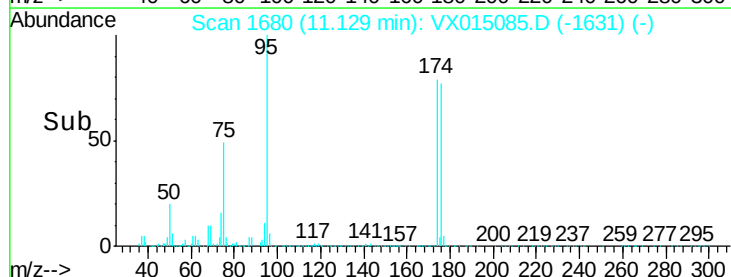
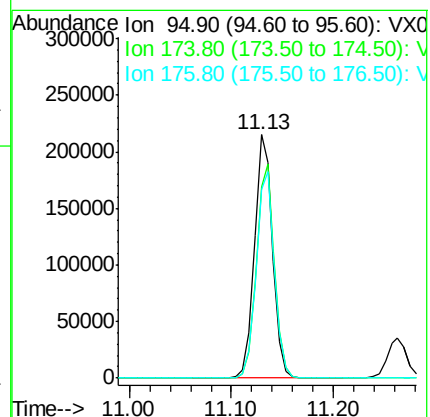
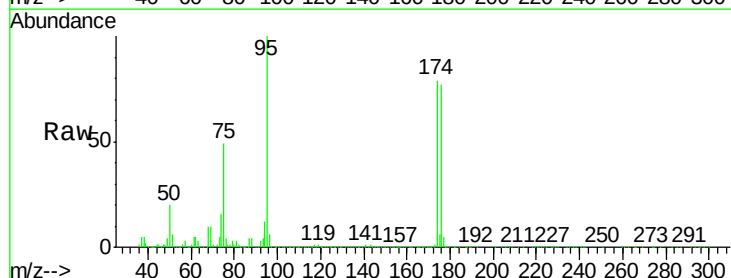
Tgt Ion: 95 Resp: 265413

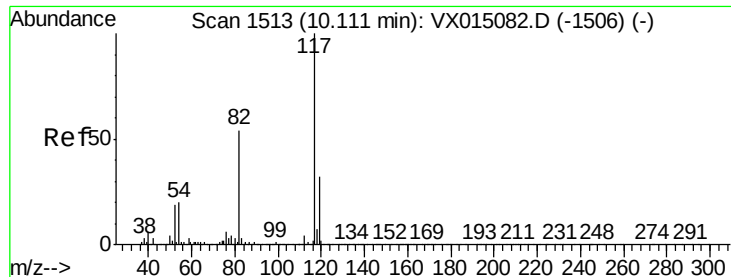
Ion Ratio Lower Upper

95 100

174 87.6 0.0 177.6

176 86.0 0.0 170.2





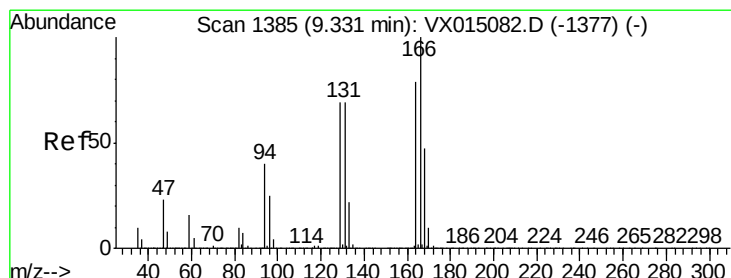
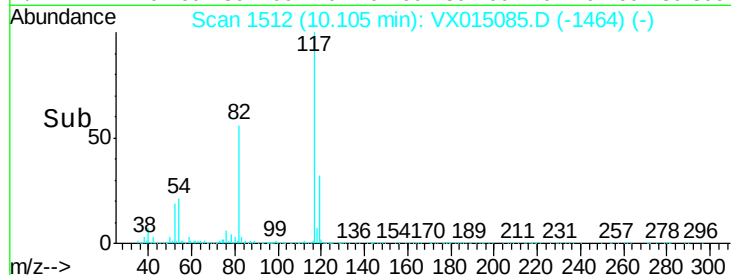
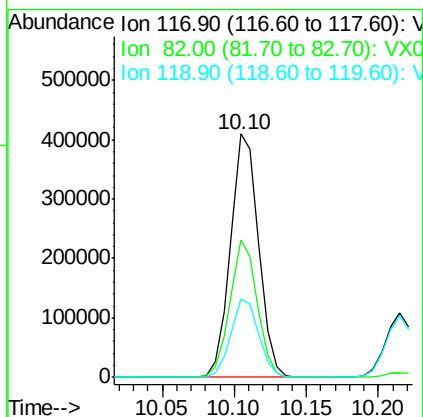
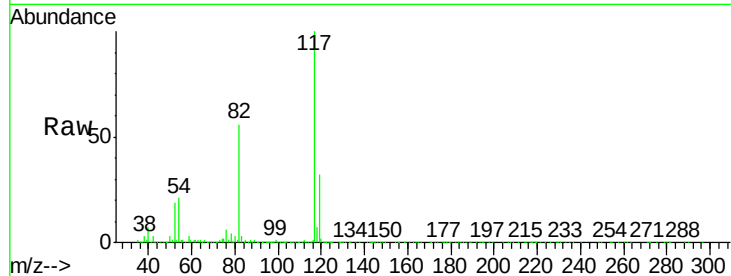
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVX030420

Tot Ion	Ratio	Resp	Lower	Upper
117	100	560887		
82	56.2	43.3	64.9	
119	32.5	25.8	38.8	

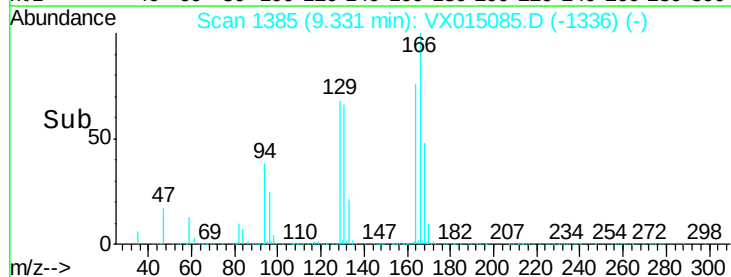
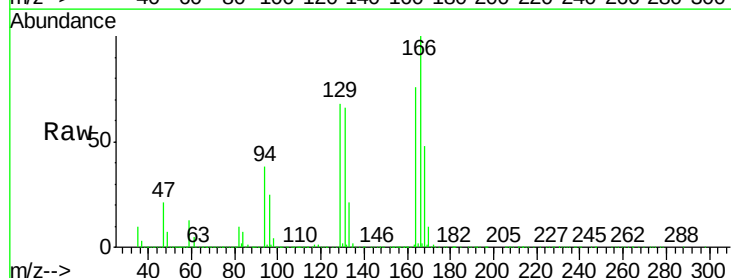
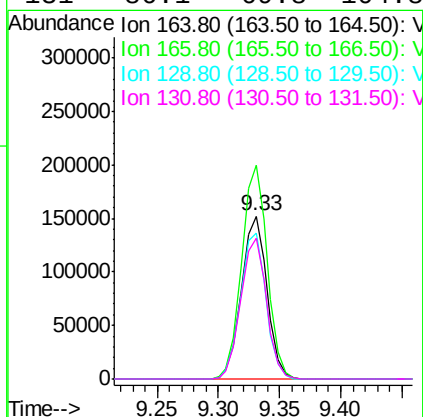
Manual Integrations
APPROVED

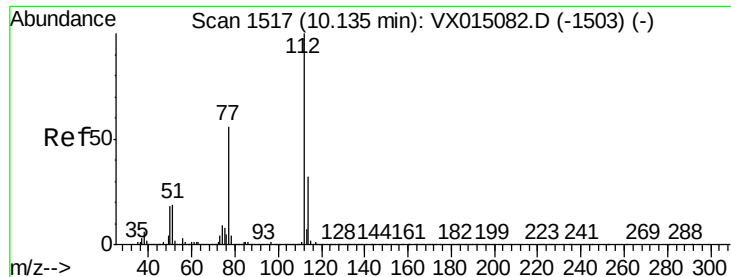
MMDadoda
3/5/2020 12:32:45 PM



#64
Tetrachloroethene
Concen: 47.205 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	218911		
166	131.0	101.1	151.7	
129	89.4	69.4	104.0	
131	86.1	69.8	104.8	





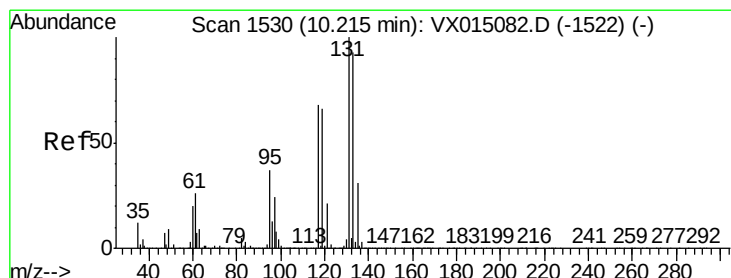
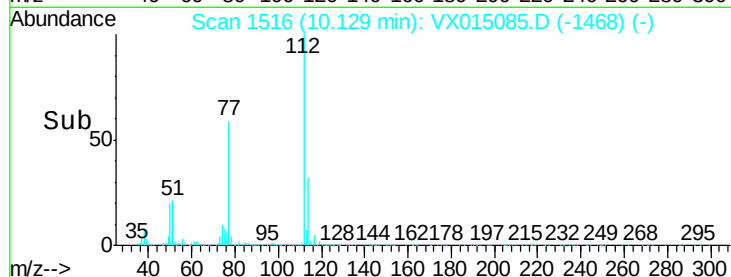
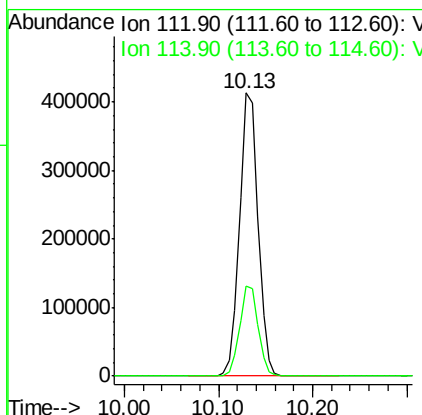
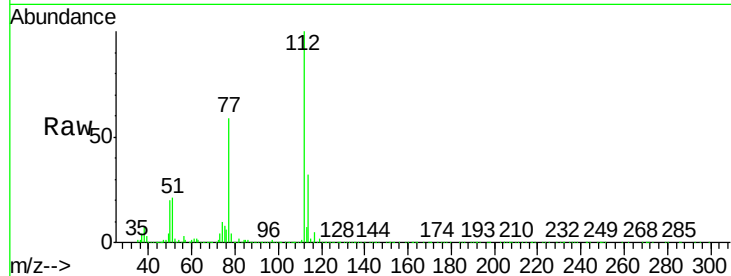
#65
Chlorobenzene
Concen: 50.181 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.5	38.3

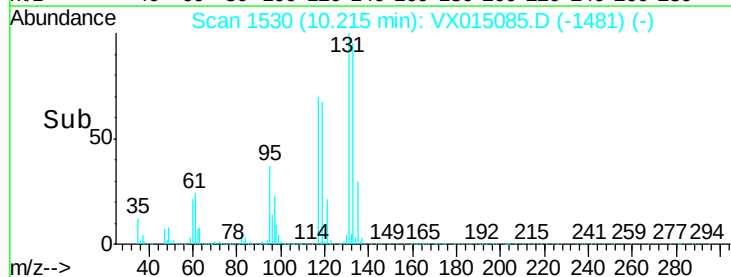
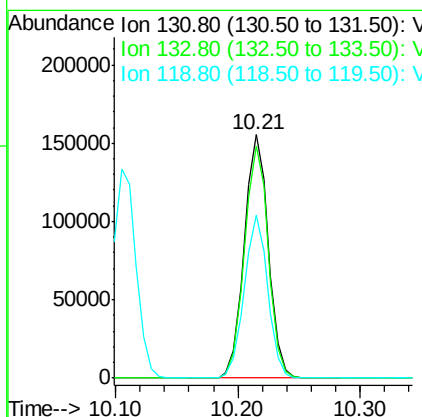
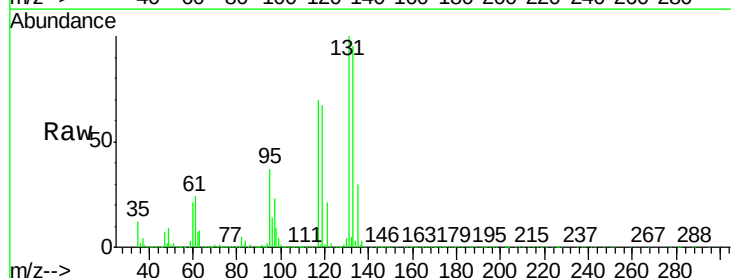
Manual Integrations
APPROVED

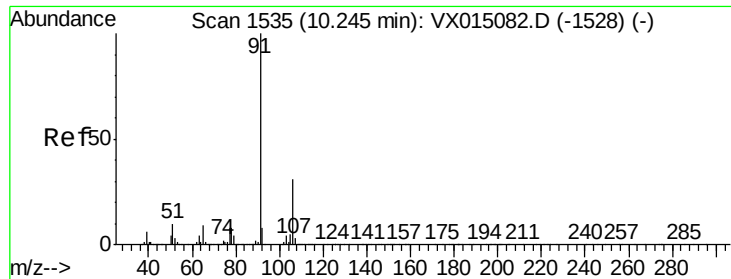
MMDadoda
3/5/2020 12:32:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.776 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.9	47.5	142.5
119	65.3	33.4	100.1





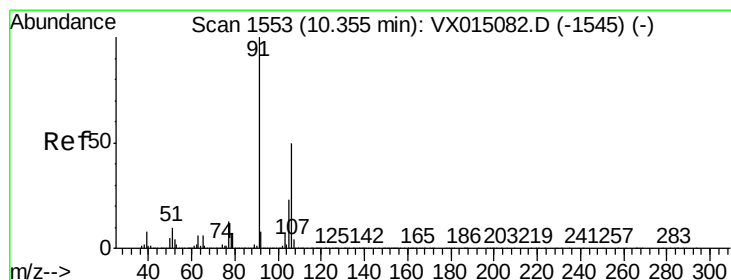
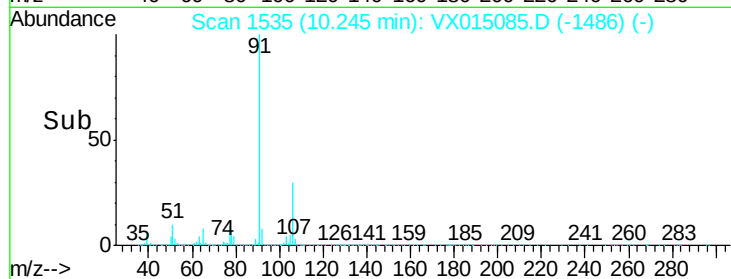
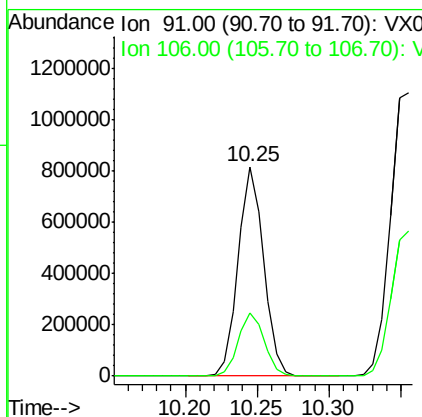
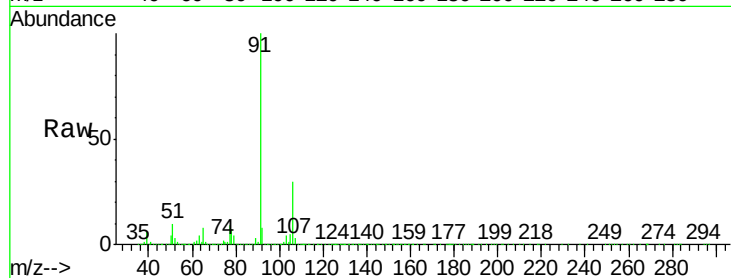
#67
Ethyl Benzene
Concen: 52.833 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion: 91 Resp: 1010265
Ion Ratio Lower Upper
91 100
106 30.4 24.9 37.3

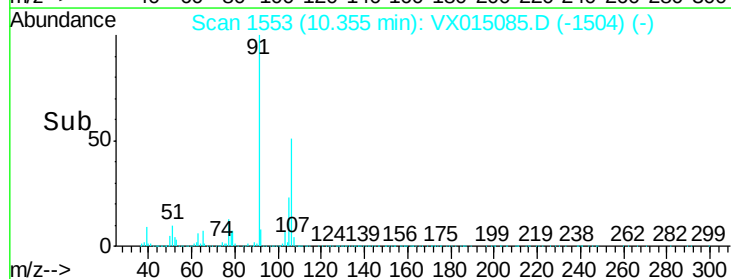
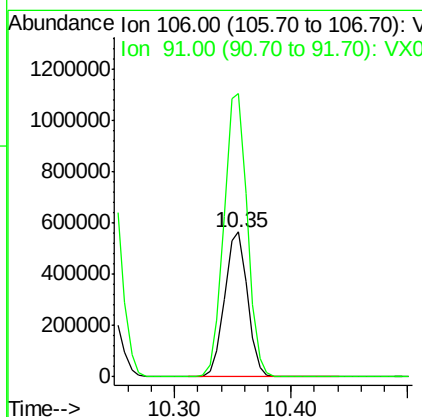
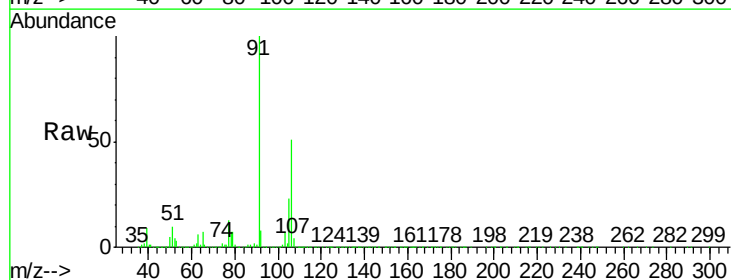
Manual Integrations
APPROVED

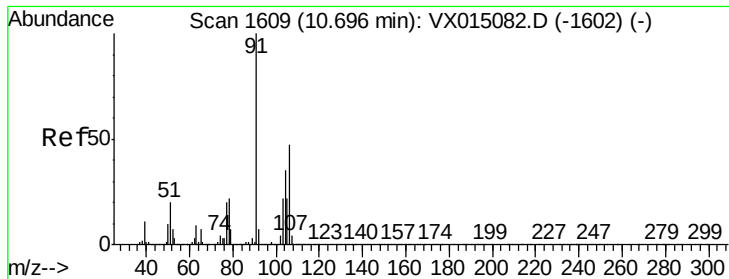
MMDadoda
3/5/2020 12:32:45 PM



#68
m/p-Xylenes
Concen: 105.314 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion: 106 Resp: 766174
Ion Ratio Lower Upper
106 100
91 199.3 159.4 239.2





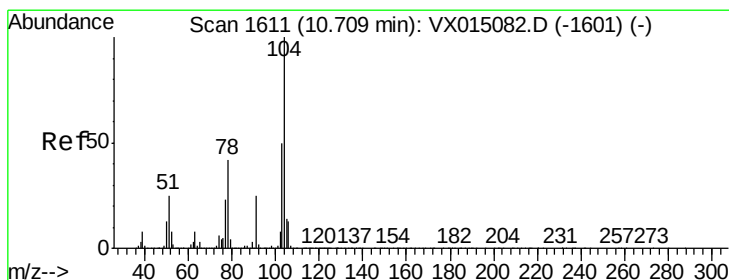
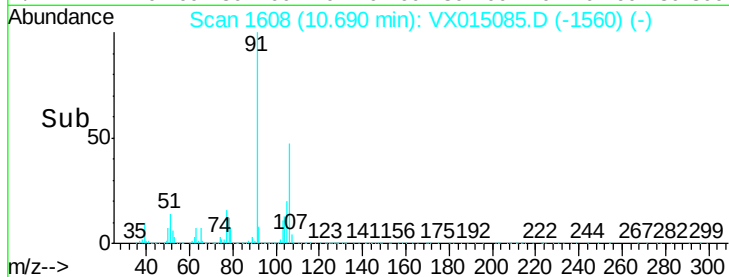
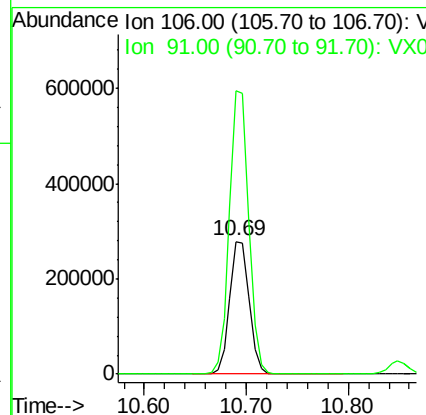
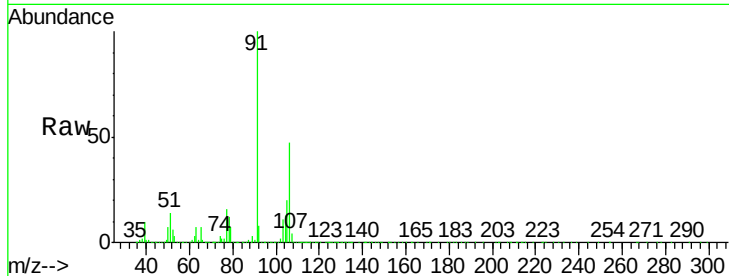
#69
o-Xylene
Concen: 52.765 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampleId :
ICVVX030420

Tot Ion	Ratio	Resp	Lower	Upper
106	100	367530		
91	212.0	105.4	316.1	

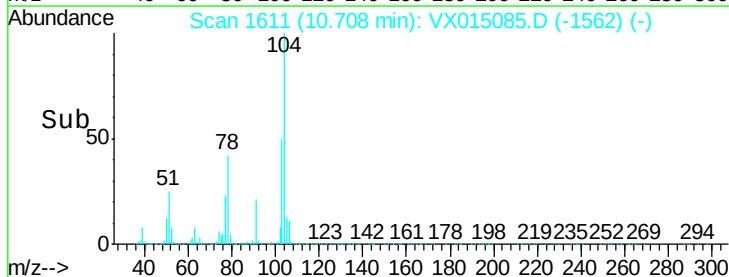
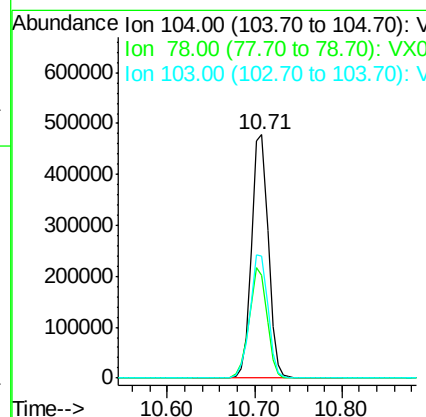
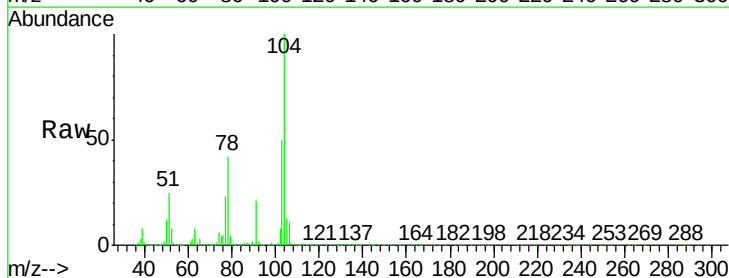
Manual Integrations
APPROVED

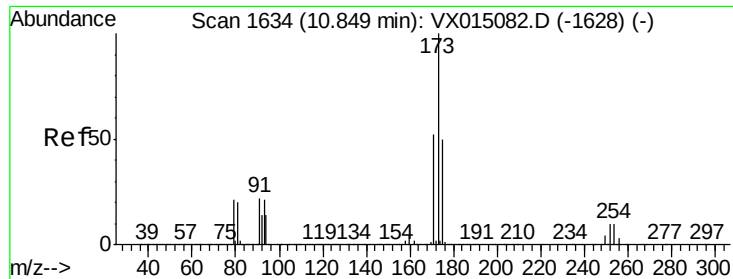
MMDadoda
3/5/2020 12:32:45 PM



#70
Styrene
Concen: 52.896 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	631735		
78	48.4	39.0	58.4	
103	54.5	43.7	65.5	





#71

Bromoform

Concen: 51.814 ug/l

RT: 10.85 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

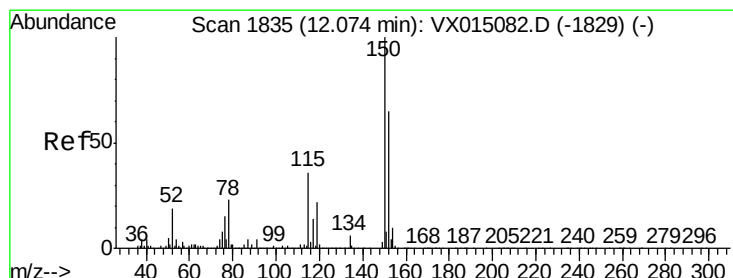
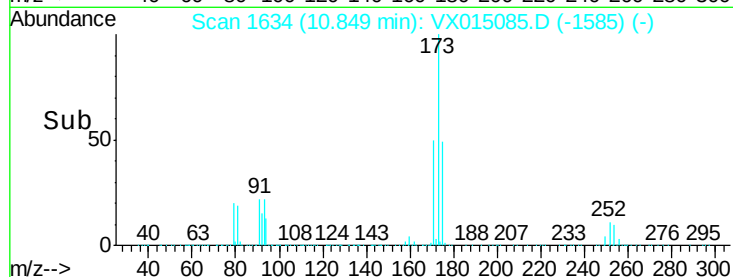
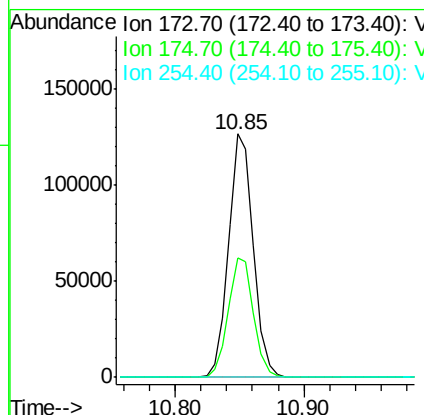
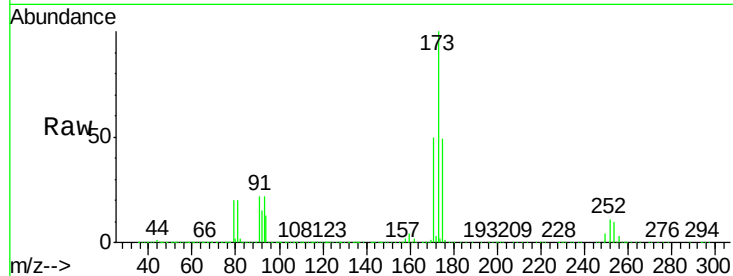
ClientSampleId :

ICVVX030420

Tot Ion:	173	Resp:	170609
Ion Ratio	Lower	Upper	
173	100		
175	50.5	24.9	74.7
254	0.2	0.2	0.2#

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

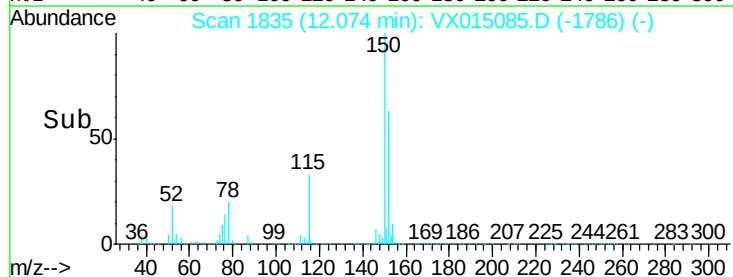
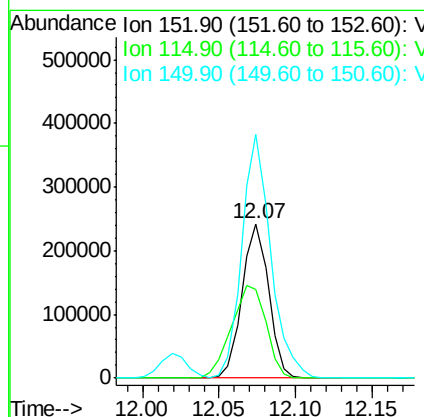
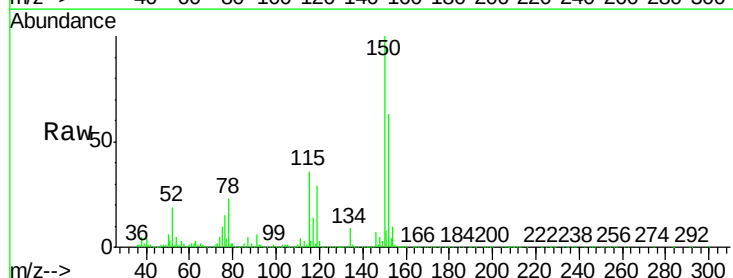
RT: 12.07 min Scan# 1835

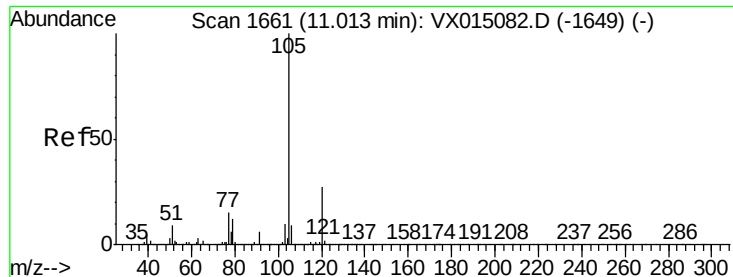
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	152	Resp:	292076
Ion Ratio	Lower	Upper	
152	100		
115	78.1	38.2	114.6
150	171.6	0.0	343.8





#73

Isopropylbenzene

Concen: 52.691 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampleId :

ICVVX030420

Tot Ion: 105 Resp: 983104

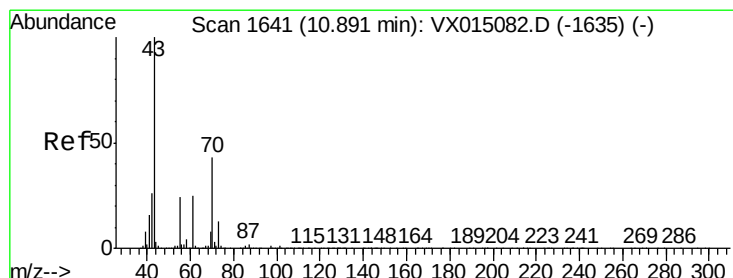
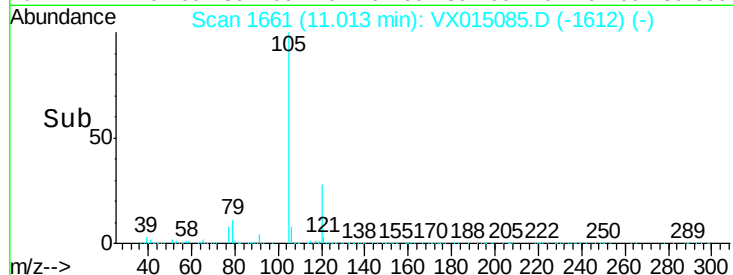
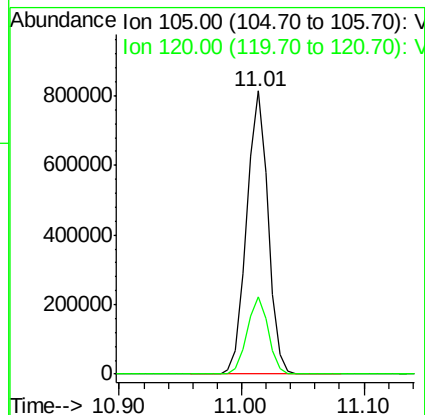
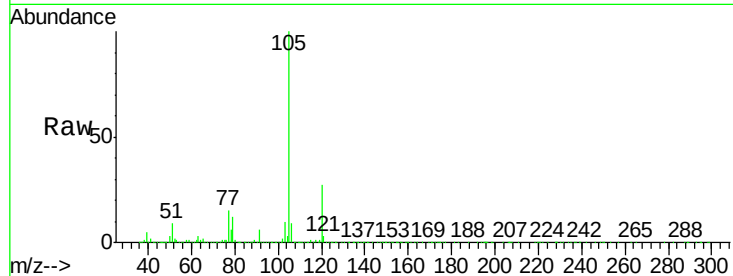
Ion Ratio Lower Upper

105 100

120 27.1 13.5 40.5

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#74

N-ethyl acetate

Concen: 54.705 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion: 43 Resp: 430149

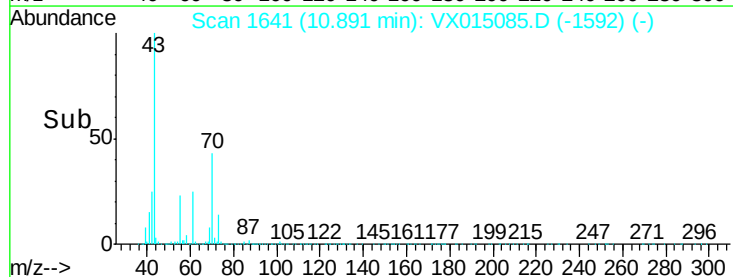
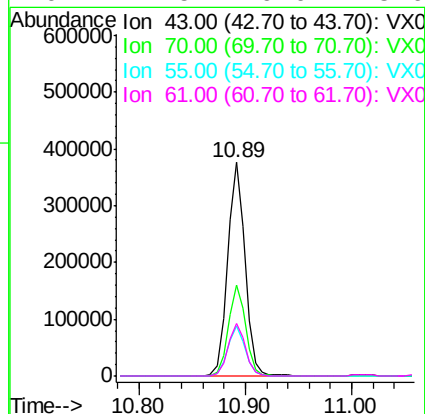
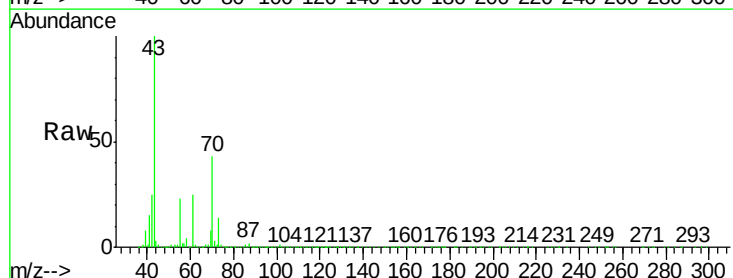
Ion Ratio Lower Upper

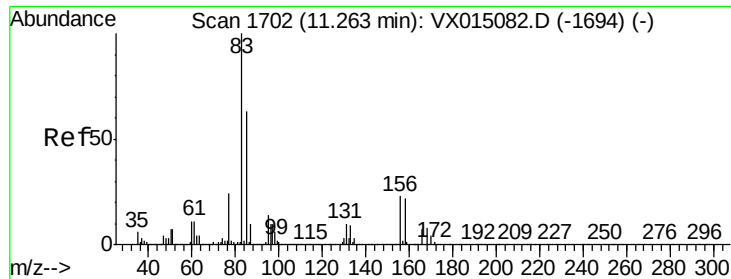
43 100

70 42.7 34.7 52.1

55 23.5 19.4 29.0

61 24.5 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 50.232 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

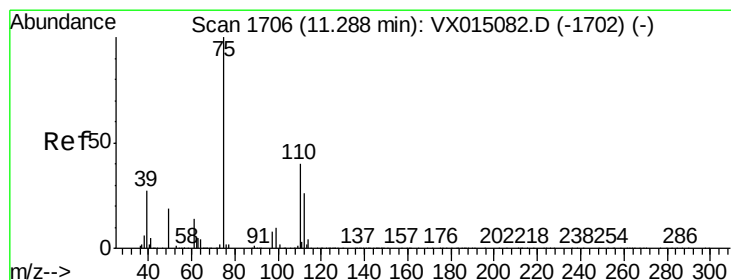
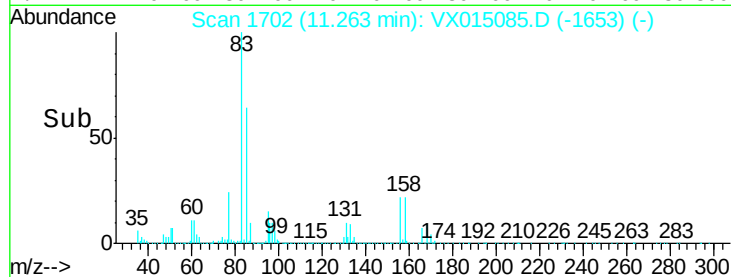
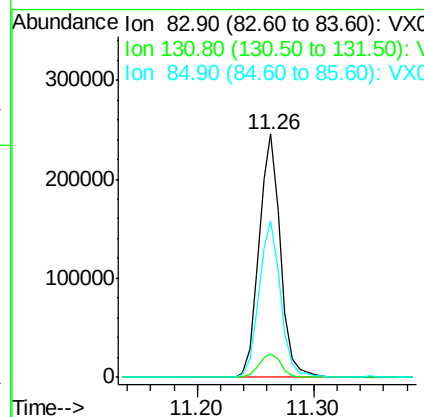
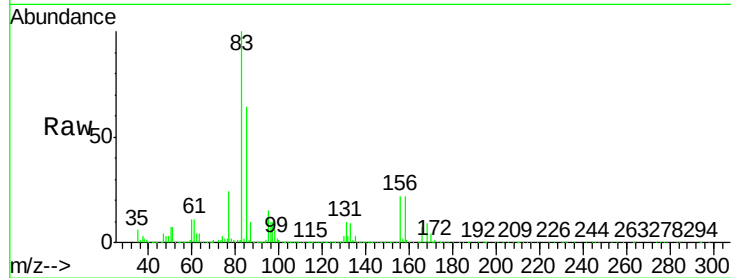
ClientSampleId :

ICVVX030420

Tot Ion:	83	Resp:	312346
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	64.8	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#76

1,2,3-Trichloropropane

Concen: 51.567 ug/l m

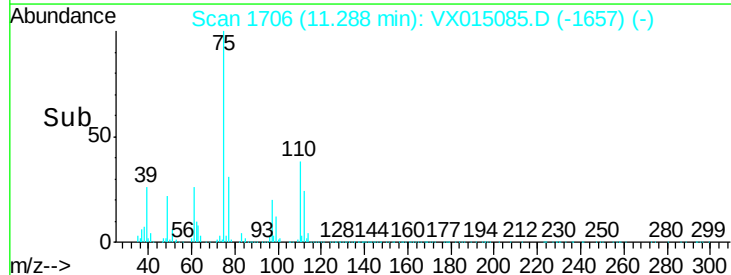
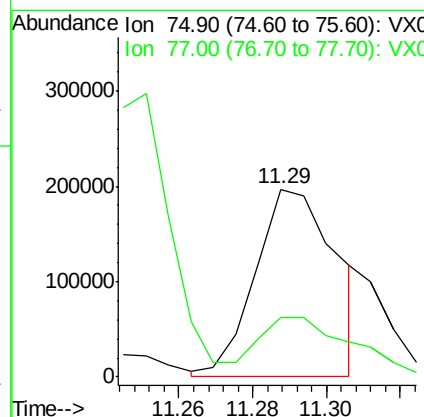
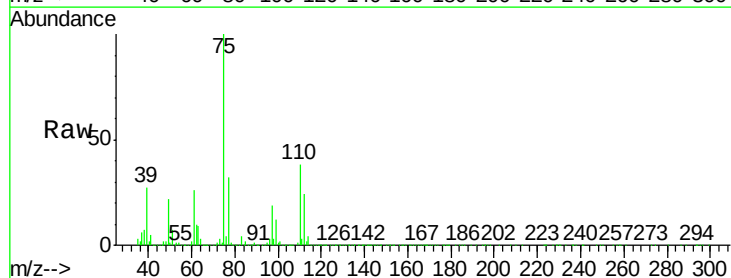
RT: 11.29 min Scan# 1706

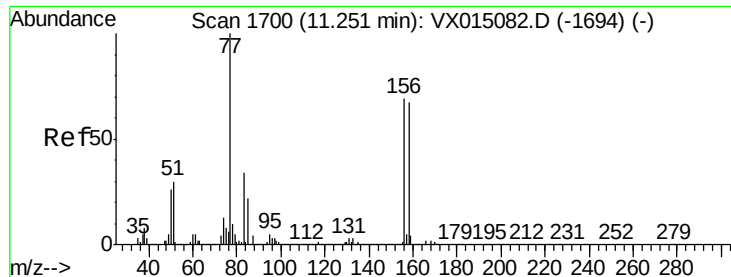
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	75	Resp:	300429
Ion Ratio	Lower	Upper	
75	100		
77	38.3	22.6	67.8





#77

Bromobenzene

Concen: 49.094 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

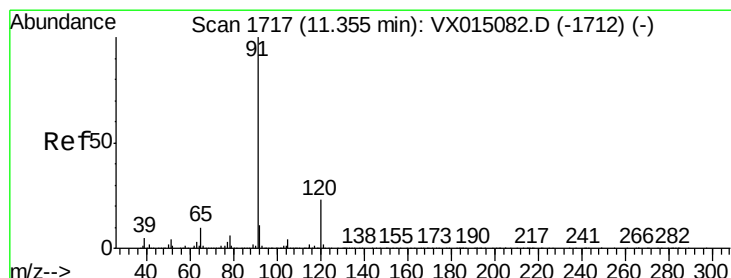
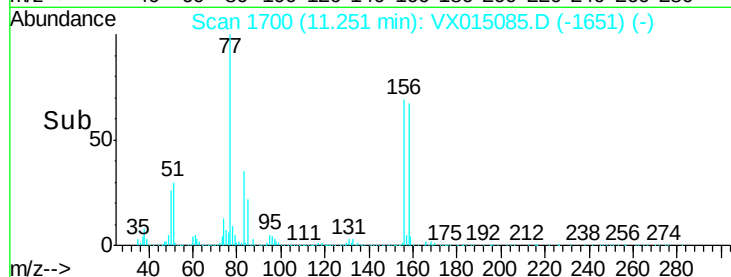
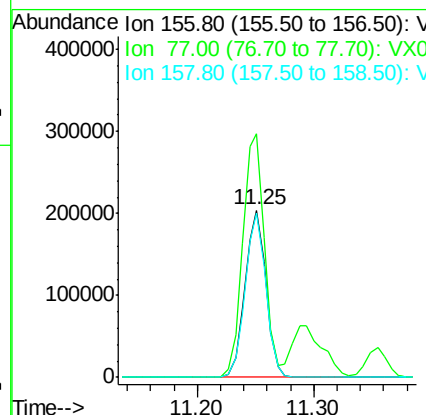
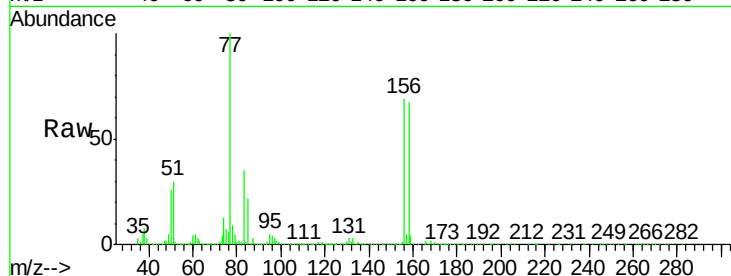
ClientSampleId :

ICVVX030420

Tot Ion:	156	Resp:	255276
Ion Ratio	Lower	Upper	
156	100		
77	150.1	75.3	225.9
158	97.5	48.5	145.6

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#78

n-propylbenzene

Concen: 53.342 ug/l

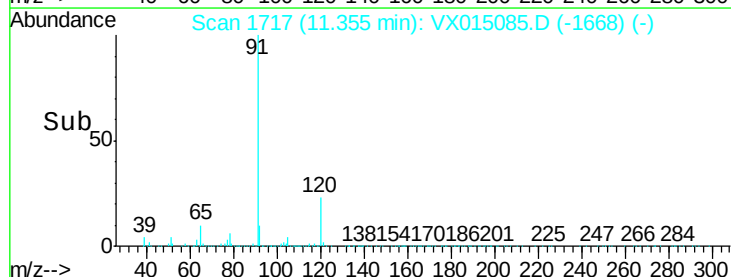
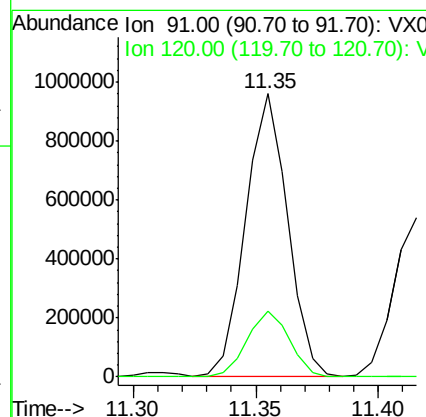
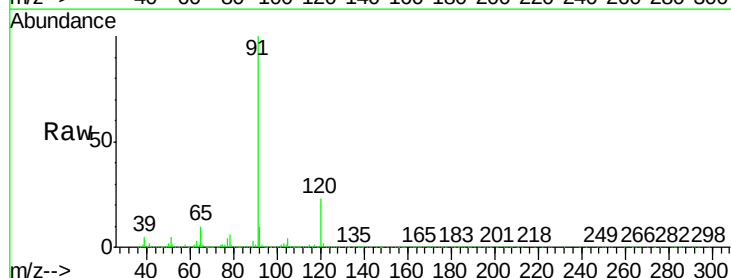
RT: 11.35 min Scan# 1717

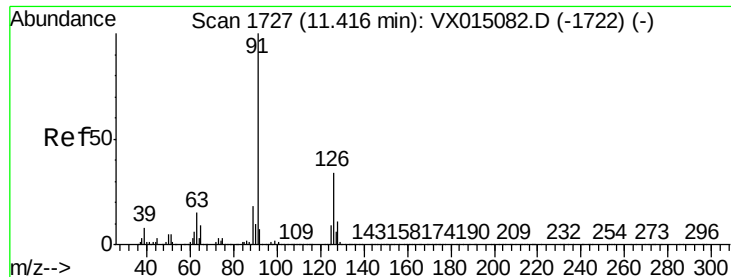
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	91	Resp:	1137045
Ion Ratio	Lower	Upper	
91	100		
120	23.6	11.7	35.1





#79

2-Chlorotoluene

Concen: 51.871 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

ICVVX030420

Tot Ion: 91 Resp: 660316

Ion Ratio Lower Upper

91 100

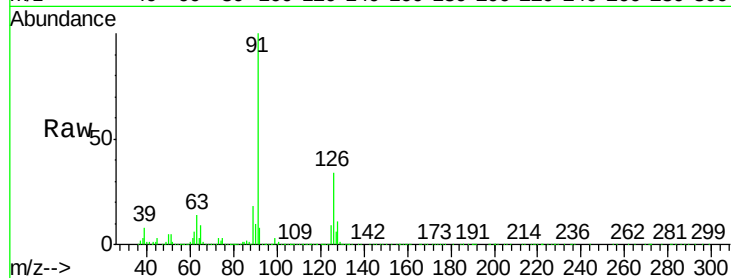
126 34.7 17.3 52.0

Manual Integrations

APPROVED

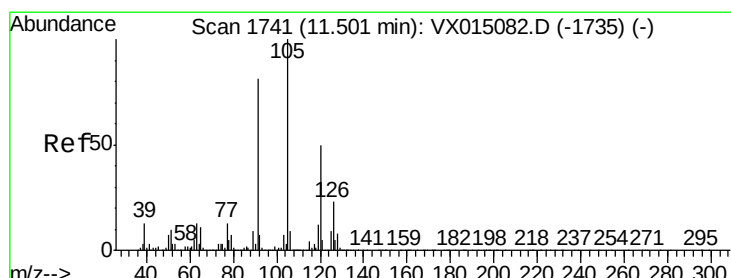
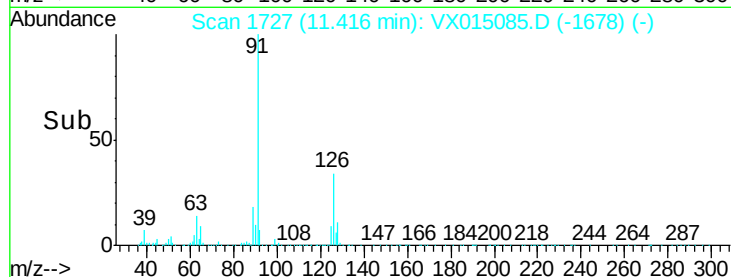
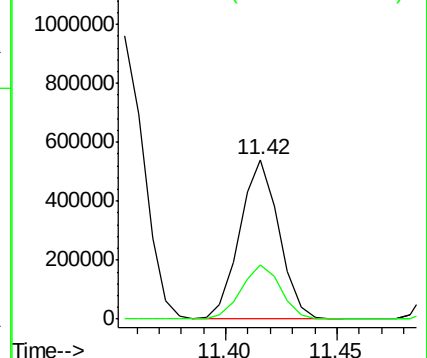
MMDadoda

3/5/2020 12:32:45 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.042 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015085.D

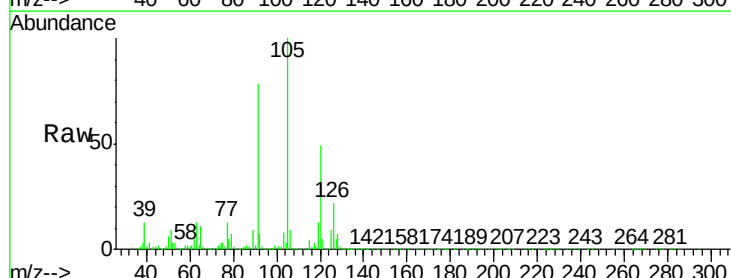
Acq: 04 Mar 2020 13:59

Tgt Ion: 105 Resp: 823846

Ion Ratio Lower Upper

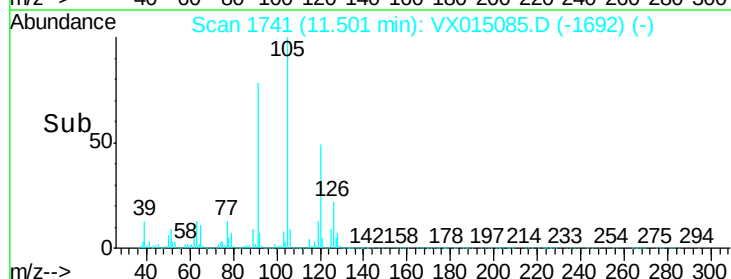
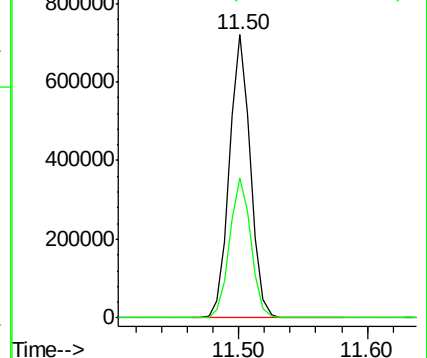
105 100

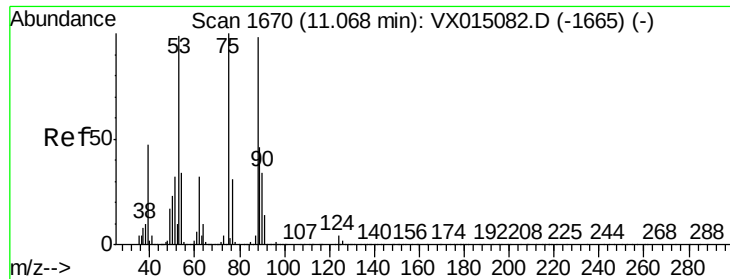
120 50.2 25.1 75.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





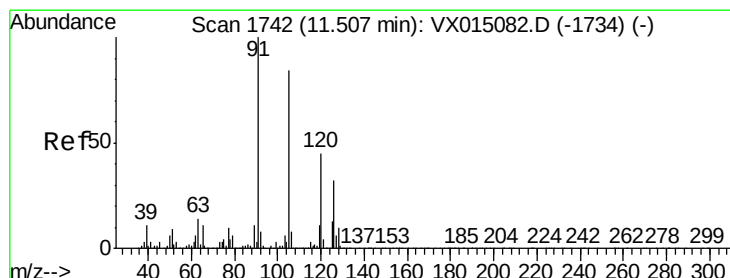
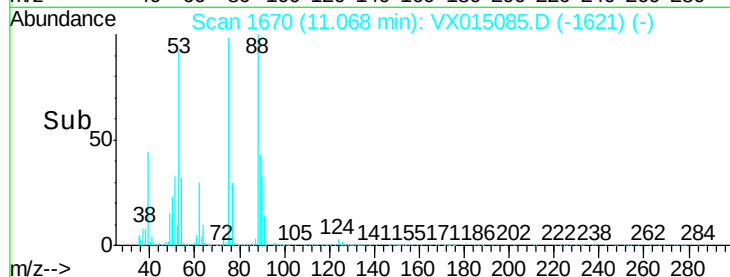
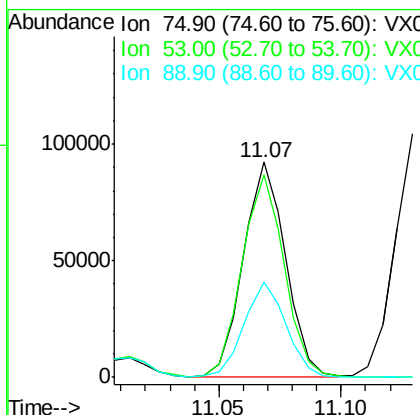
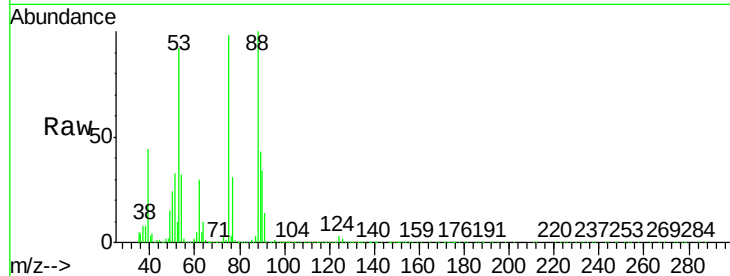
#81
trans-1,4-Dichloro-2-butene
Concen: 53.775 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.5	77.9	116.9
89	43.9	36.2	54.2

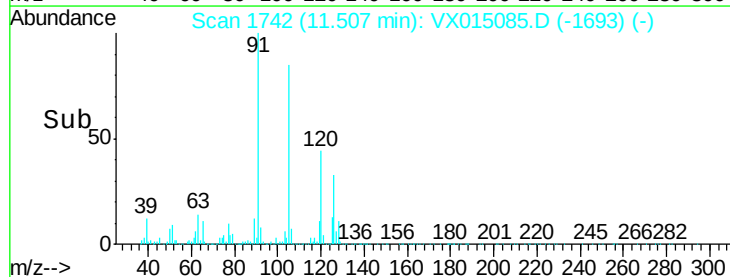
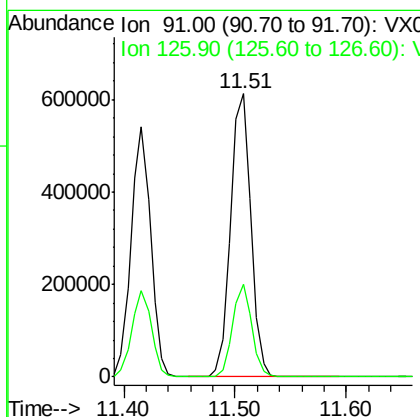
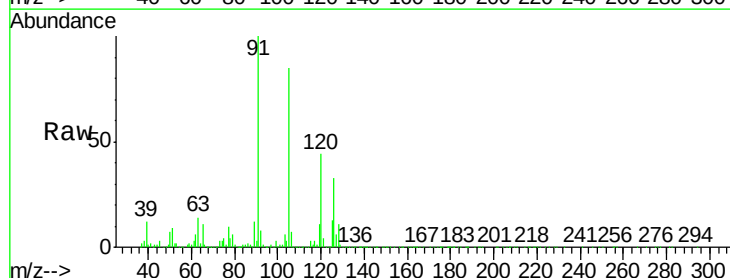
Manual Integrations
APPROVED

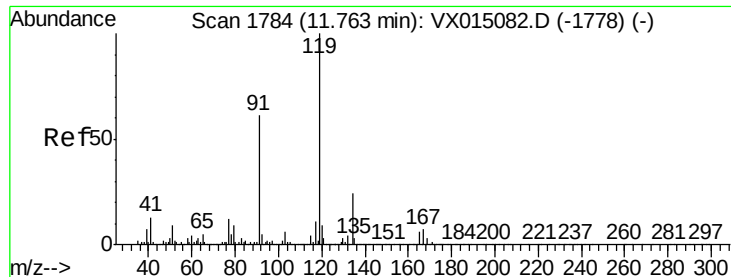
MMDadoda
3/5/2020 12:32:45 PM



#82
4-Chlorotoluene
Concen: 51.354 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.2





#83

tert-Butylbenzene

Concen: 54.531 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

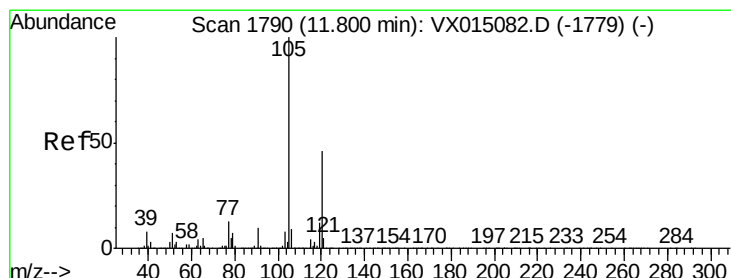
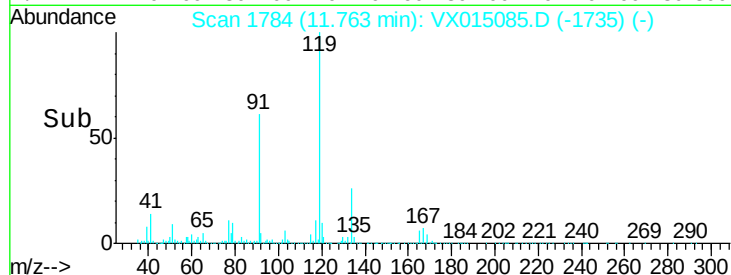
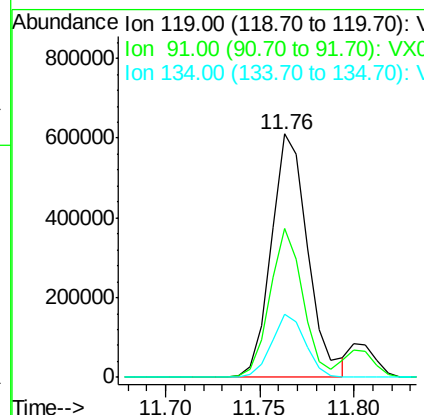
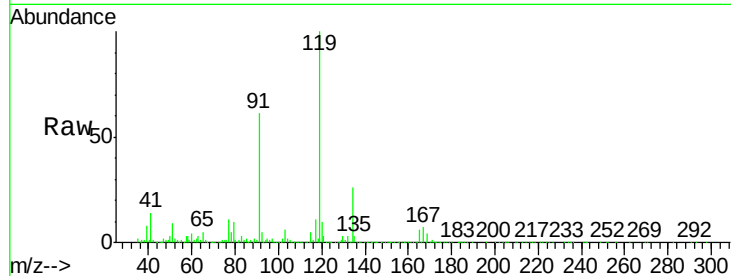
ClientSampleId :

ICVVX030420

Tot Ion:	119	Resp:	818968
Ion Ratio	Lower	Upper	
119	100		
91	55.3	28.5	85.6
134	24.0	11.9	35.7

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#84

1,2,4-Trimethylbenzene

Concen: 53.827 ug/l

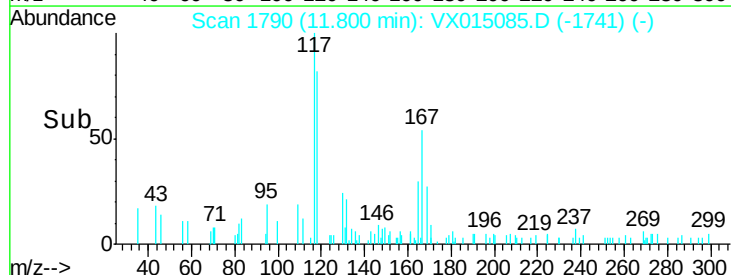
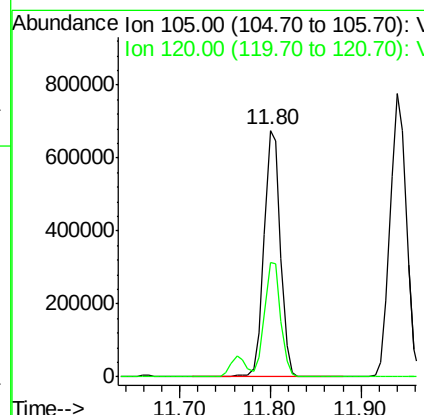
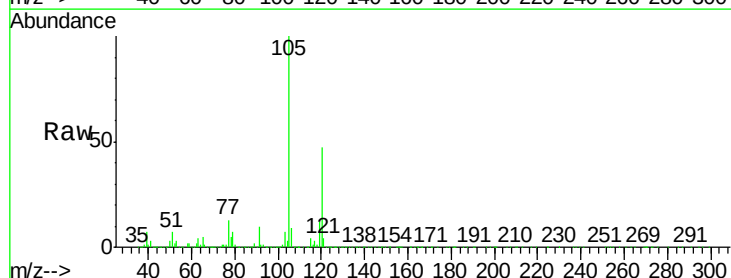
RT: 11.80 min Scan# 1790

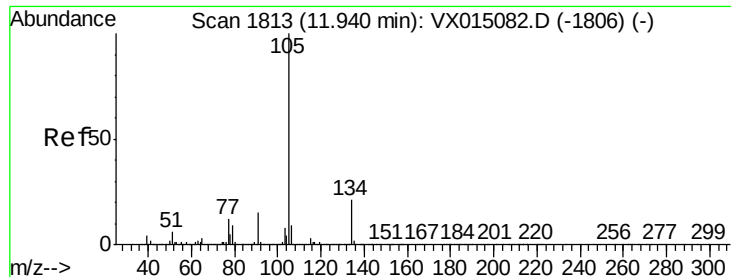
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion:	105	Resp:	839893
Ion Ratio	Lower	Upper	
105	100		
120	46.0	22.9	68.5





#85

sec-Butylbenzene

Concen: 53.413 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Instrument :

MSVOA_X

ClientSampled :

ICVVX030420

Tot Ion:105 Resp: 968371

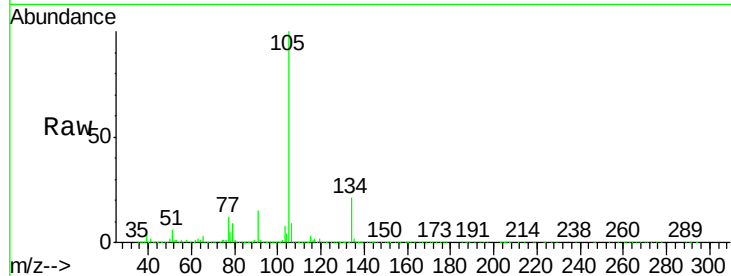
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.2

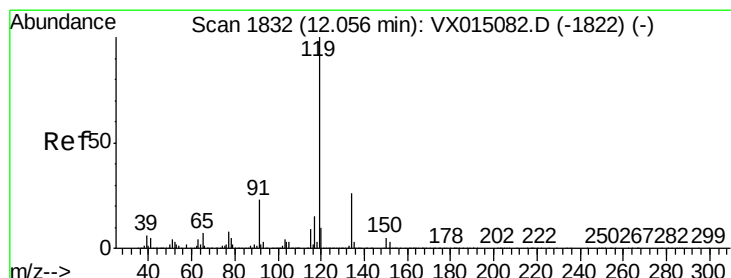
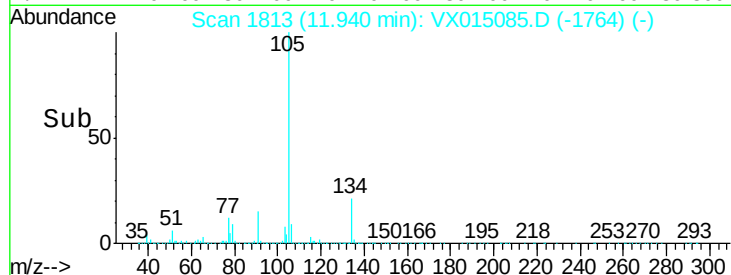
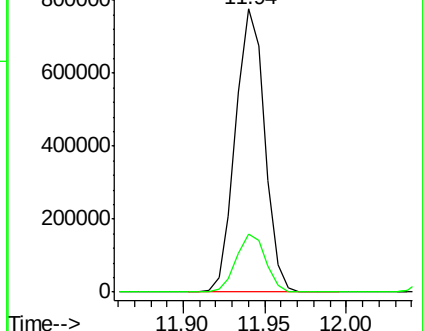
Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.090 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

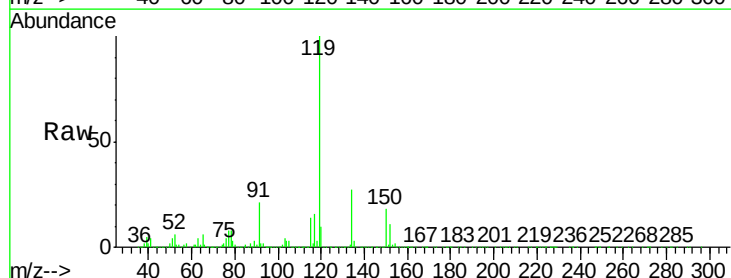
Tgt Ion:119 Resp: 903481

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

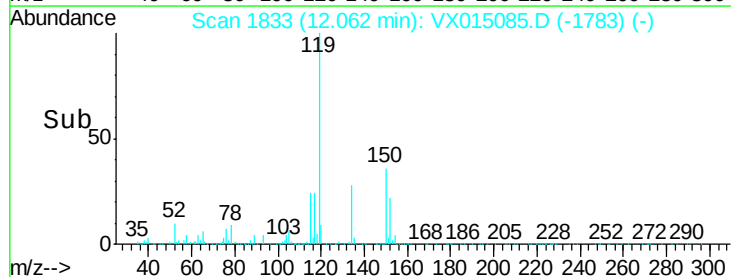
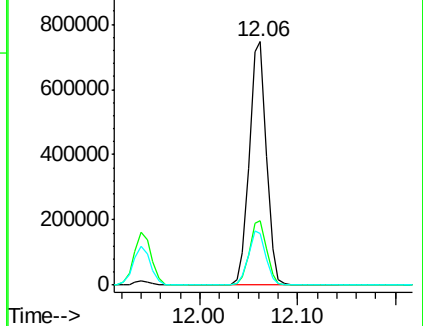
91 22.6 11.3 33.8

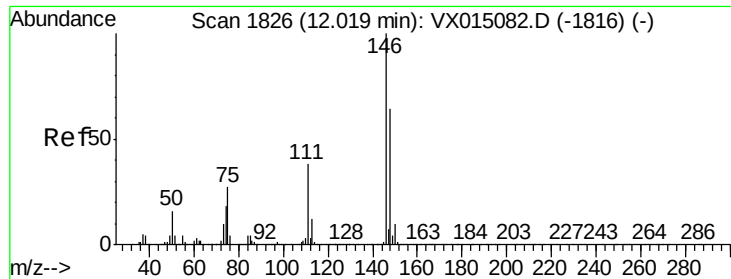


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.075 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015085.D

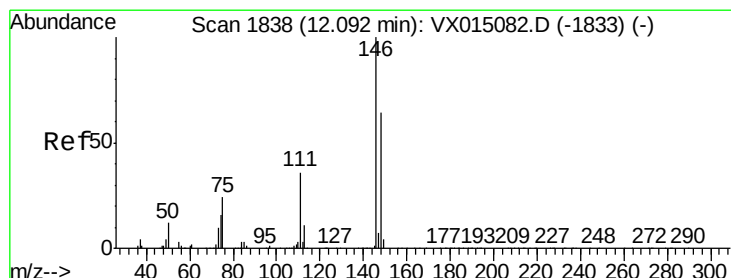
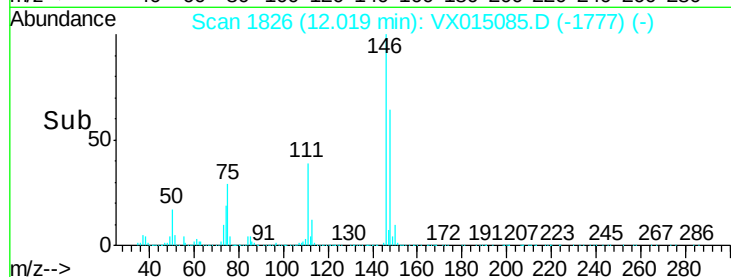
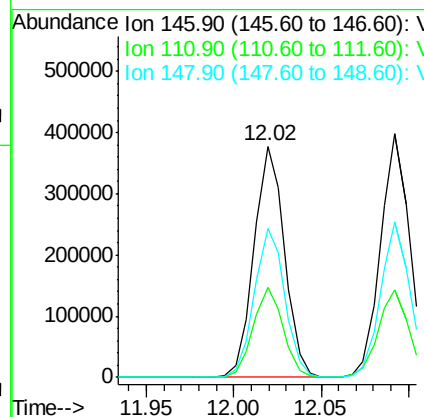
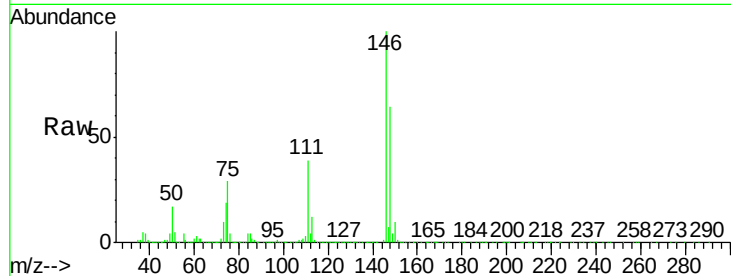
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.3	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#88

1,4-Dichlorobenzene

Concen: 48.850 ug/l

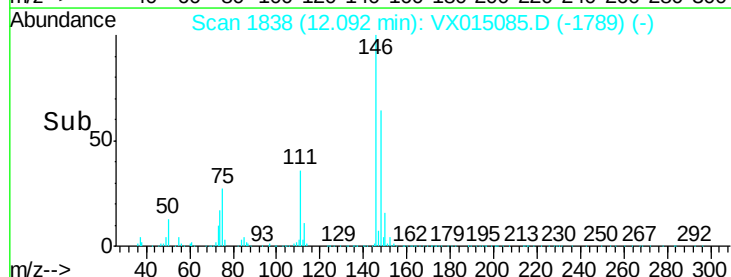
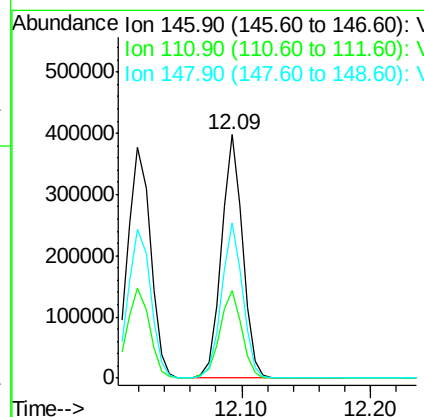
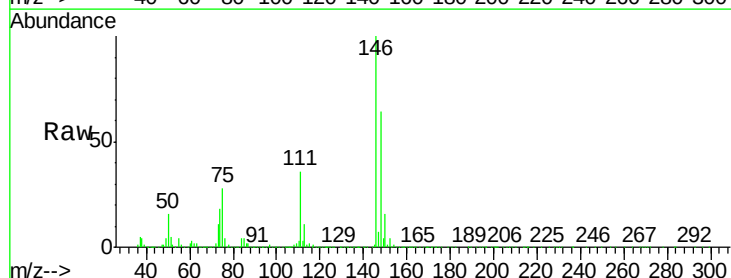
RT: 12.09 min Scan# 1838

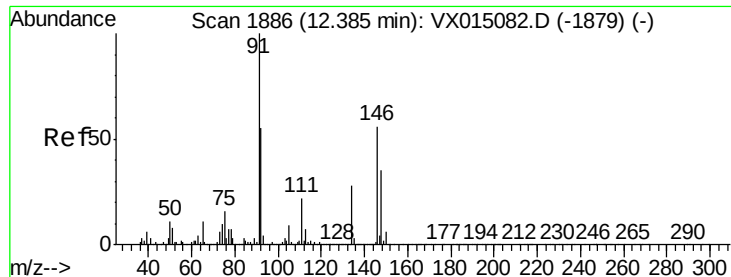
Delta R.T. -0.00 min

Lab File: VX015085.D

Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.7	56.1
148	63.8	32.5	97.4





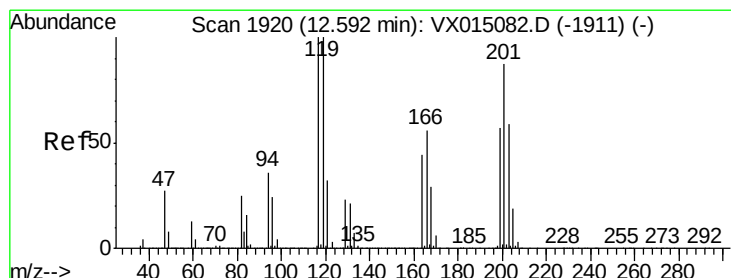
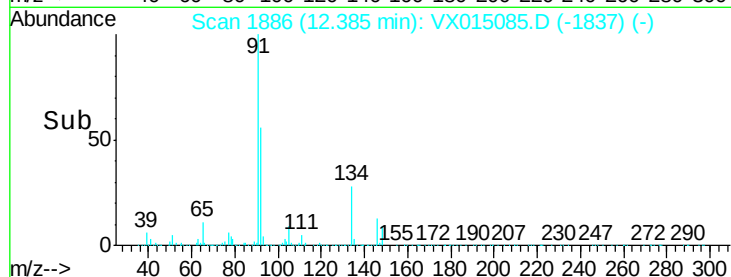
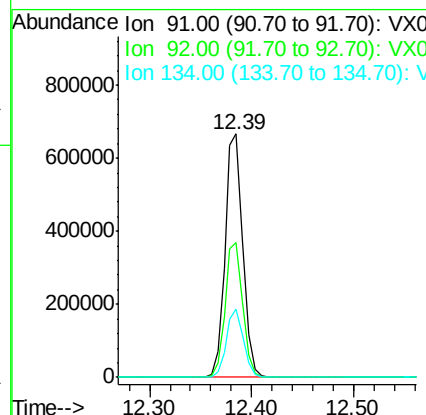
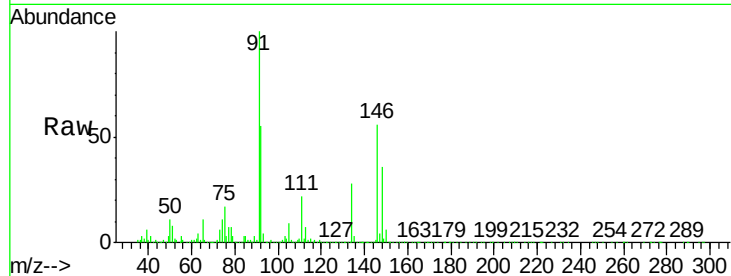
#89
n-Butylbenzene
Concen: 54.289 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.0	27.2	81.6	
134	27.0	13.5	40.5	

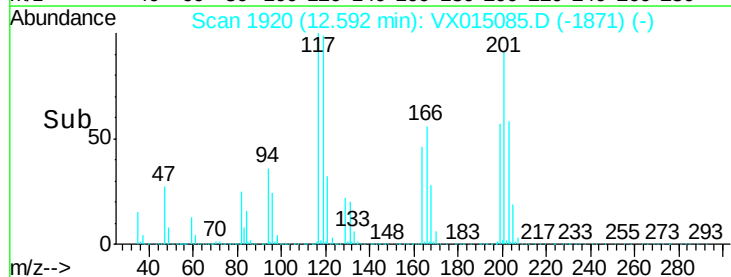
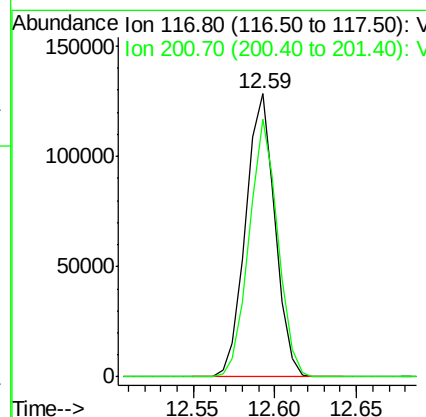
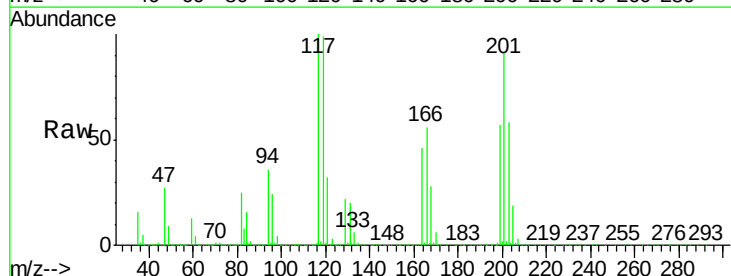
Manual Integrations
APPROVED

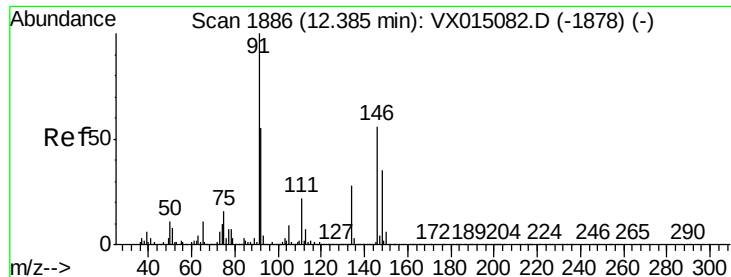
MMDadoda
3/5/2020 12:32:45 PM



#90
Hexachloroethane
Concen: 50.927 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	89.2	43.5	130.7	





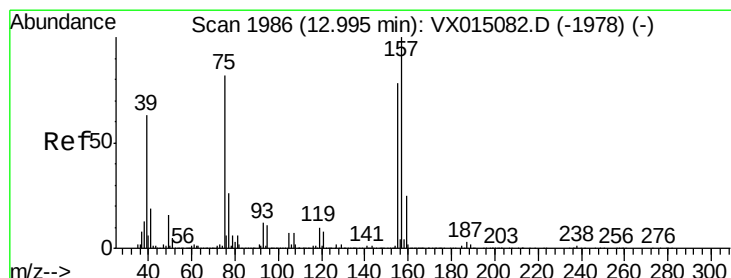
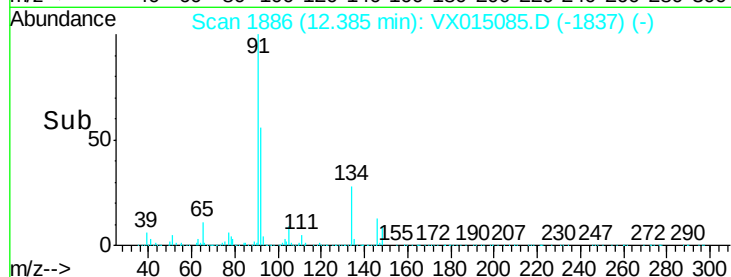
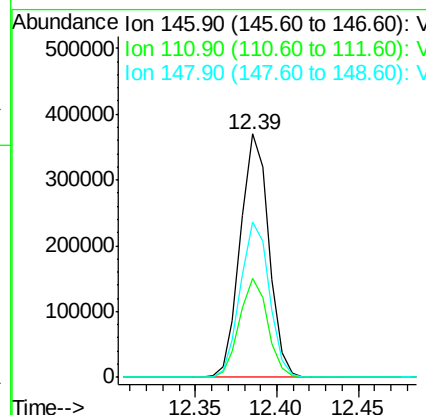
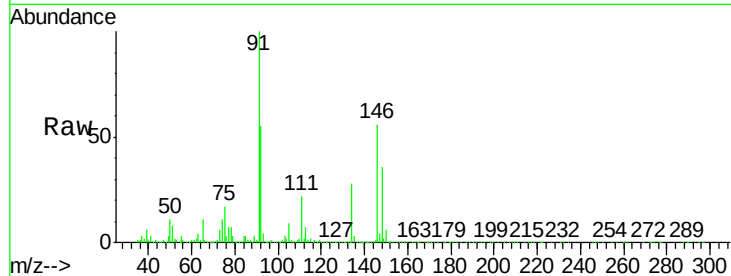
#91
 1,2-Dichlorobenzene
 Concen: 49.765 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX030420

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.9	59.7
148	64.9	32.3	96.8

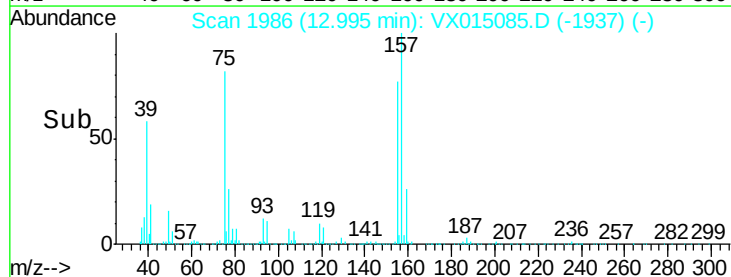
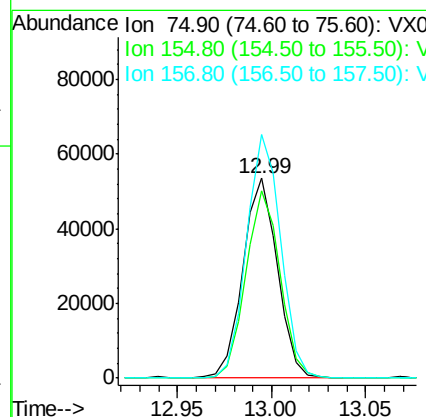
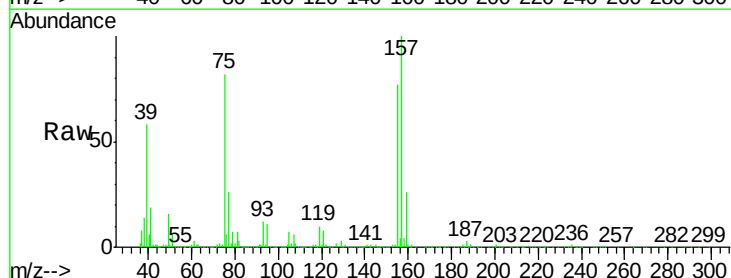
Manual Integrations
 APPROVED

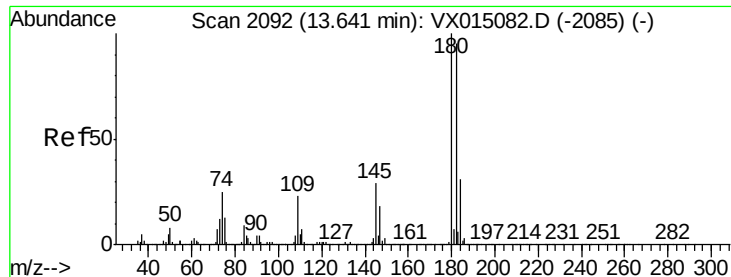
MMDadoda
 3/5/2020 12:32:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.026 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.4	46.6	139.7
157	122.5	59.2	177.5





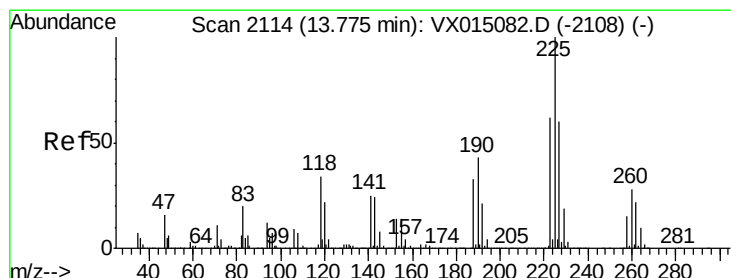
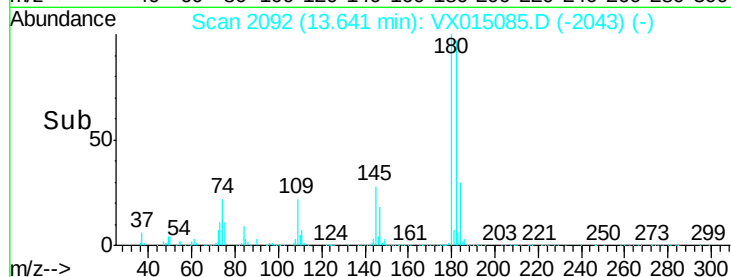
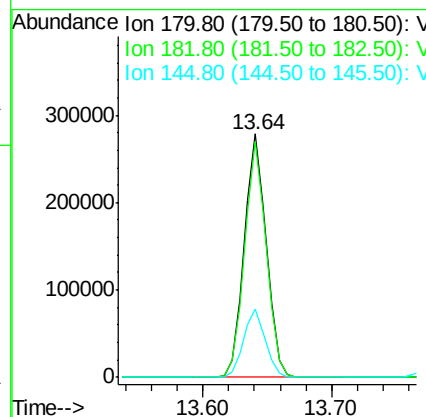
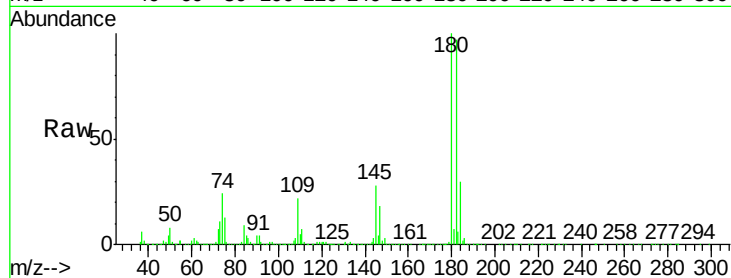
#93
 1,2,4-Trichlorobenzene
 Concen: 51.993 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX030420

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.9	47.6	142.8	
145	28.1	14.1	42.2	

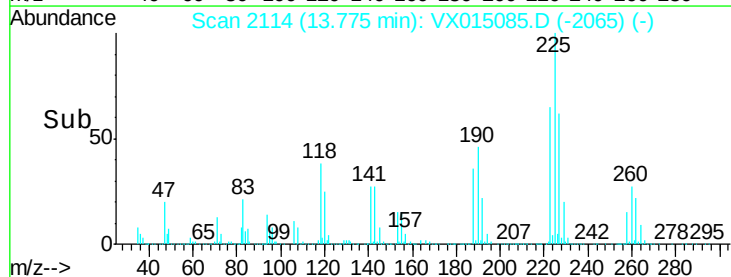
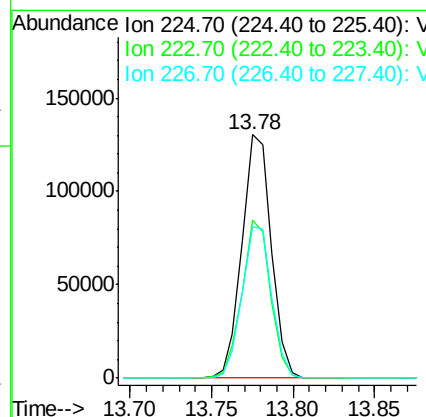
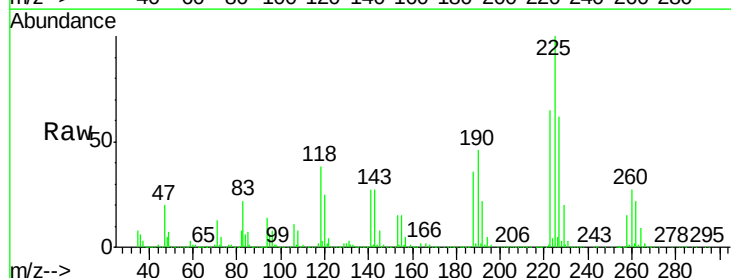
Manual Integrations
 APPROVED

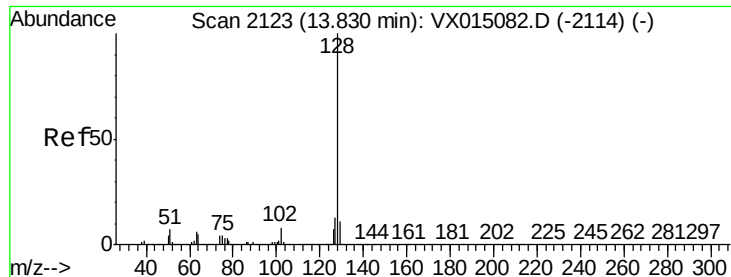
MMDadoda
 3/5/2020 12:32:45 PM



#94
 Hexachlorobutadiene
 Concen: 50.613 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015085.D
 Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.3	31.3	93.9	
227	63.4	31.1	93.2	





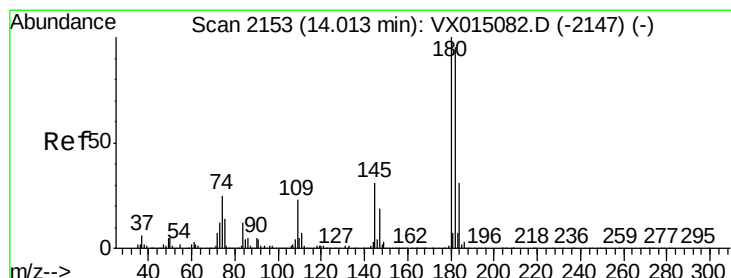
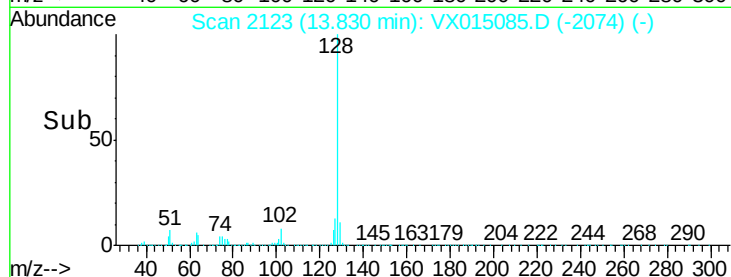
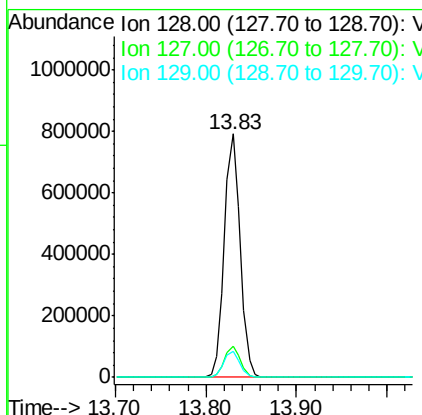
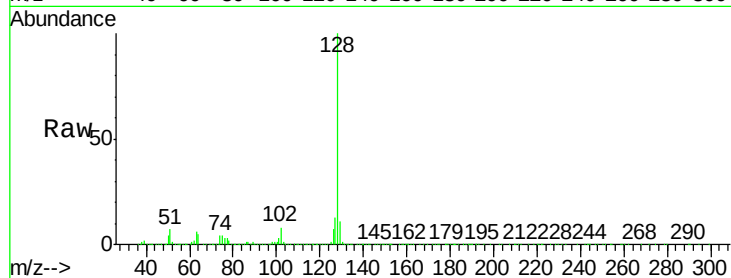
#95
Naphthalene
Concen: 49.642 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Instrument :
MSVOA_X
ClientSampled :
ICVVX030420

Tot Ion	Ratio	Resp Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/5/2020 12:32:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 52.460 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015085.D
Acq: 04 Mar 2020 13:59

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.1	47.8	143.4
145	29.6	15.1	45.3

