

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX030620\
 Data File : VX015120.D
 Acq On : 06 Mar 2020 12:27
 Operator : JC/SP
 Sample : VX0306WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:36:32 AM

Quant Time: Mar 07 00:39:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	62461	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	330112	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	307589	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	129352	29.78	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.27%
60) 4-Bromofluorobenzene	11.13	95	143101	29.87	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.57%
63) Toluene-d8	8.71	98	405426	30.23	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	49348	17.692	ug/l 99
3) Chloromethane	1.32	50	77939	21.610	ug/l 98
4) Vinyl Chloride	1.40	62	79263	20.420	ug/l 99
5) Bromomethane	1.64	94	51826	19.066	ug/l 100
6) Chloroethane	1.72	64	50100	19.269	ug/l 99
7) Trichlorofluoromethane	1.93	101	105394	18.657	ug/l 95
8) Diethyl Ether	2.18	74	45620	19.197	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	67102	20.545	ug/l 99
10) 1,1-Dichloroethene	2.37	96	64071	19.513	ug/l 97
11) Methyl Iodide	2.50	142	55599	13.936	ug/l 98
12) Methyl Acetate	2.76	43	80518	19.706	ug/l 94
13) Acrolein	2.28	56	85866	105.667	ug/l 98
14) Acrylonitrile	3.13	53	176820	95.825	ug/l 100
15) Acetone	2.44	58	57322	86.804	ug/l 97
16) Carbon Disulfide	2.56	76	164642	18.649	ug/l 99
17) Allyl chloride	2.72	41	112952	19.776	ug/l 98
18) Methylene Chloride	2.85	84	73871	19.526	ug/l 98
19) trans-1,2-Dichloroethene	3.16	96	71631	19.862	ug/l 94
20) Diisopropyl ether	3.84	45	238357	20.434	ug/l 90
21) 1,1-Dichloroethane	3.69	63	132633	20.742	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	80836	19.587	ug/l 96
23) tert-Butyl Alcohol	3.04	59	69628	95.191	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	214510	19.636	ug/l 99
25) Chloroform	5.20	83	130132	20.181	ug/l 100
26) Cyclohexane	5.57	56	111523	19.514	ug/l 97
29) 1,1-Dichloropropene	5.79	75	96695	20.709	ug/l 98
30) 2-Butanone	4.65	43	251074	93.159	ug/l 100
31) 2,2-Dichloropropane	4.58	77	103403	20.168	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	109214	20.597	ug/l 99
33) Carbon Tetrachloride	5.78	117	94256	20.306	ug/l 96
34) Benzene	6.13	78	292061	20.729	ug/l 98
35) Methacrylonitrile	5.03	41	54557	19.844	ug/l 99
36) 1,2-Dichloroethane	6.18	62	104352	20.924	ug/l 100
37) Trichloroethene	7.20	130	80493	20.348	ug/l 97
38) Methylcyclohexane	7.45	83	113402	19.594	ug/l 99
39) 1,2-Dichloropropane	7.50	63	75579	20.840	ug/l 97
40) Dibromomethane	7.65	93	49627	20.493	ug/l 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
 Data File : VX015120.D
 Acq On : 06 Mar 2020 12:27
 Operator : JC/SP
 Sample : VX0306WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0306WBS01

Manual Integrations
 APPROVED

MMDadoda
 3/9/2020 9:36:32 AM

Quant Time: Mar 07 00:39:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

41) Bromodichloromethane	7.89	83	98986	20.692	ug/l	96
42) Vinyl Acetate	3.80	43	980432	103.353	ug/l	100
43) Ethyl Acetate	4.82	43	96692	19.828	ug/l #	92
44) Isopropyl Acetate	6.43	43	157107	19.165	ug/l	98
45) 1,4-Dioxane	7.75	88	32167	424.658	ug/l	97
46) Methyl methacrylate	7.76	41	78875	19.449	ug/l	96
47) n-amyl Acetate	10.89	43	134043	18.875	ug/l	99
48) t-1,3-Dichloropropene	9.03	75	105698	19.915	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	119167	20.395	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	74674	20.697	ug/l	97
51) Ethyl methacrylate	9.17	69	107157	19.243	ug/l	96
52) 1,3-Dichloropropane	9.36	76	129558	21.227	ug/l	100
53) Dibromochloromethane	9.57	129	79498	20.380	ug/l	100
54) 1,2-Dibromoethane	9.67	107	77887	20.333	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	292418	98.582	ug/l	98
56) Bromoform	10.85	173	57835	18.914	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	491572	97.515	ug/l	99
59) 2-Hexanone	9.48	43	363716	92.344	ug/l	99
61) Tetrachloroethene	9.33	164	81605	19.753	ug/l	99
62) Toluene	8.78	91	316220	20.071	ug/l	99
64) Chlorobenzene	10.13	112	202064	20.093	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.21	131	74038	19.876	ug/l	99
66) Ethyl Benzene	10.25	91	341675	19.687	ug/l	99
67) m/p-Xylenes	10.35	106	263862	39.428	ug/l	99
68) o-Xylene	10.69	106	124787	19.271	ug/l	98
69) Styrene	10.71	104	214087	19.358	ug/l	100
70) Isopropylbenzene	11.01	105	344471	20.027	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	110321	19.921	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	92811m	20.204	ug/l	
73) Bromobenzene	11.25	156	88759	19.098	ug/l	96
74) n-propylbenzene	11.35	91	394926	20.173	ug/l	100
75) 2-Chlorotoluene	11.42	91	234832	20.299	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	287768	19.963	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	32644	17.623	ug/l	92
78) 4-Chlorotoluene	11.51	91	265855	19.867	ug/l	100
79) tert-butylbenzene	11.76	119	272188	19.544	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	288868	20.157	ug/l	99
81) sec-Butylbenzene	11.94	105	337525	20.237	ug/l	100
82) p-Isopropyltoluene	12.06	119	307330	19.835	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	158773	19.488	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	160479	19.560	ug/l	99
85) n-Butylbenzene	12.39	91	262372	19.459	ug/l	100
86) Hexachloroethane	12.59	117	53195	18.994	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	159287	19.647	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	21369	17.717	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	107531	18.444	ug/l	99
90) Hexachlorobutadiene	13.78	225	54590	18.854	ug/l	97
91) Naphthalene	13.83	128	303828	18.407	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	111547	19.271	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030620\
Data File : VX015120.D
Acq On : 06 Mar 2020 12:27
Operator : JC/SP
Sample : VX0306WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

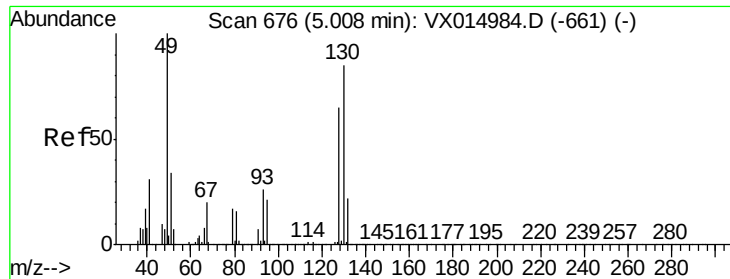
Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM

Quant Time: Mar 07 00:39:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

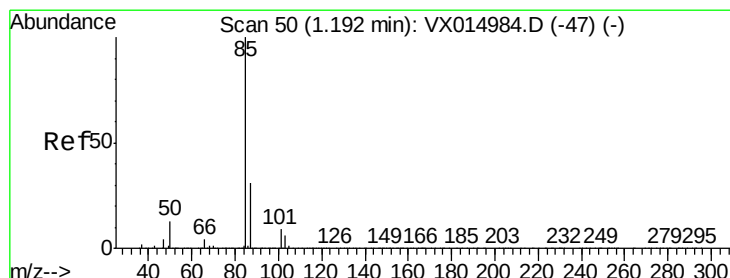
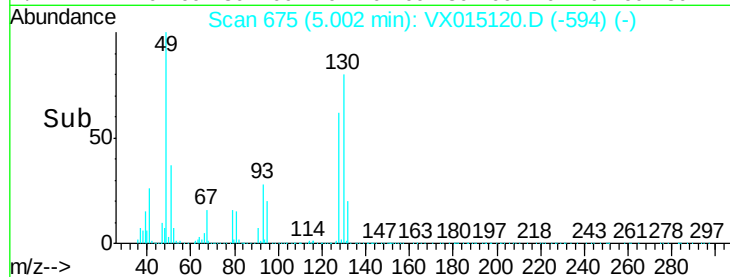
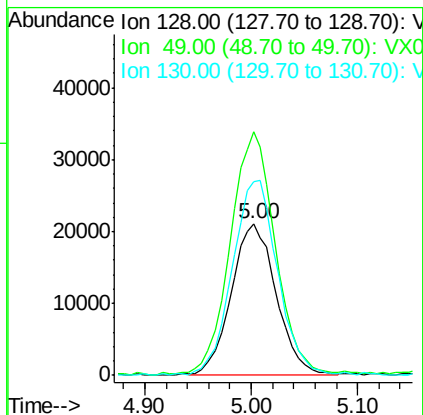
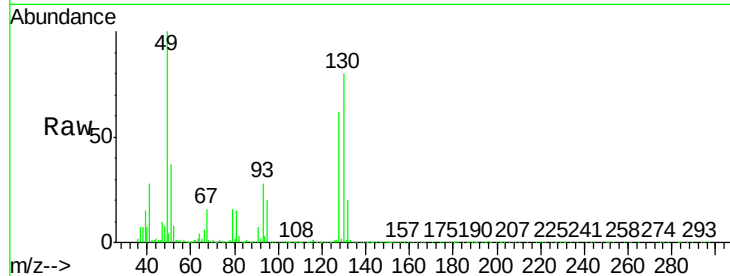
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.7	0.0	384.7
130	129.2	0.0	330.8

Manual Integrations
APPROVED

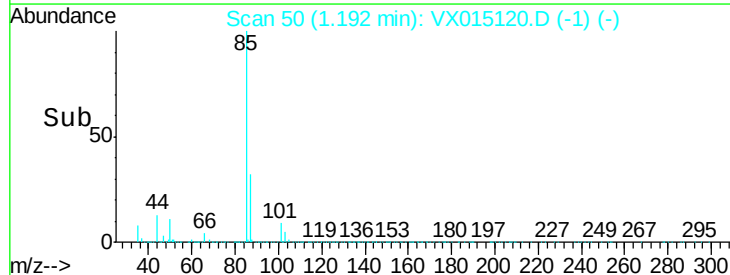
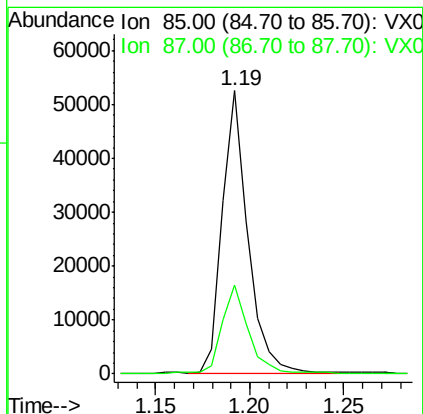
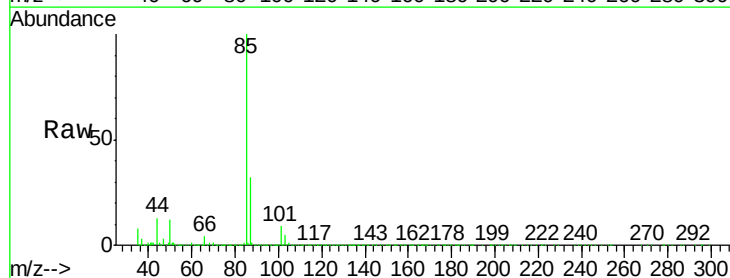
MMDadoda
3/9/2020 9:36:32 AM

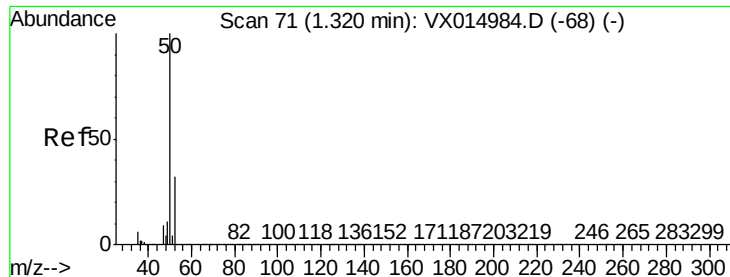


#2

Dichlorodifluoromethane
Concen: 17.692 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.2	15.3	45.9





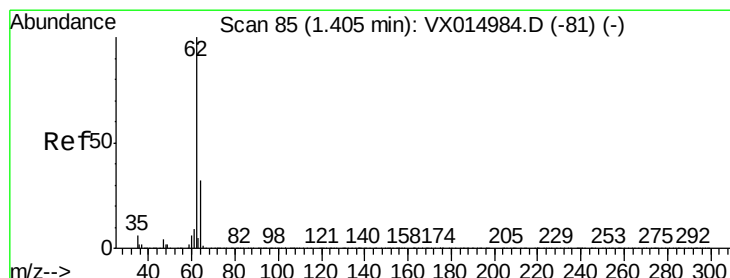
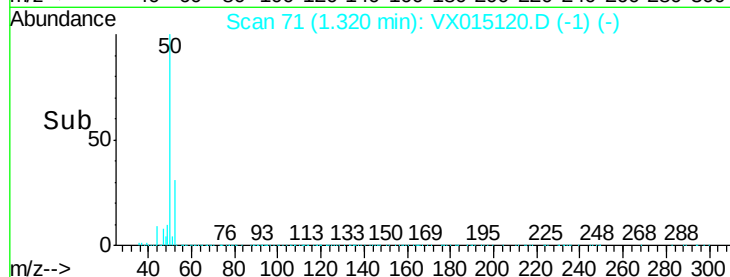
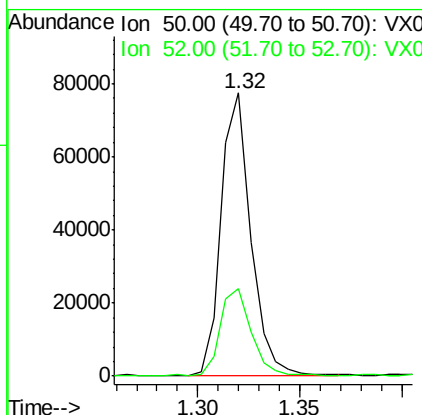
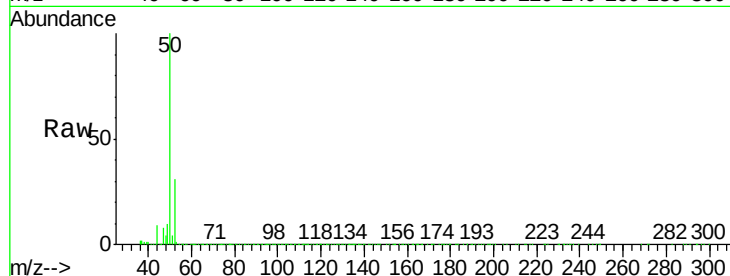
#3
Chloromethane
Concen: 21.610 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion: 50 Resp: 77939
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.0

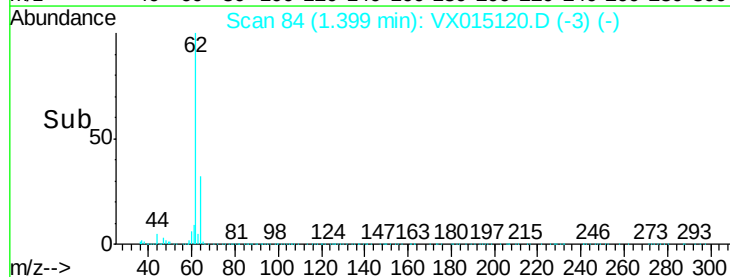
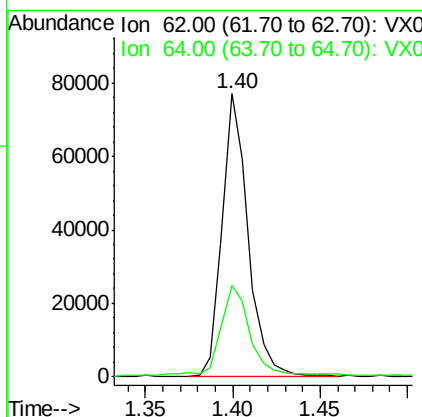
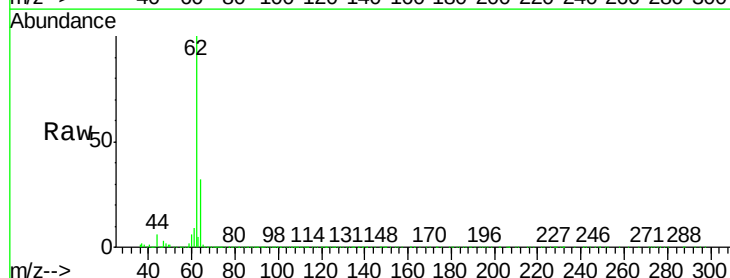
Manual Integrations
APPROVED

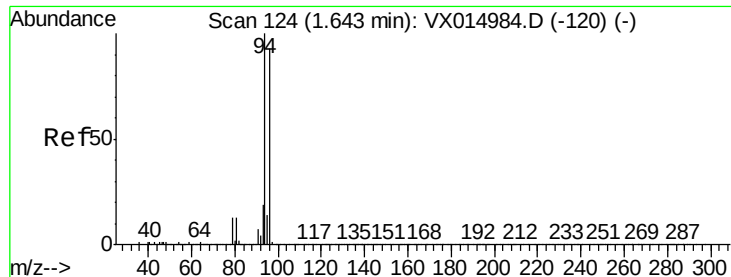
MMDadoda
3/9/2020 9:36:32 AM



#4
Vinyl Chloride
Concen: 20.420 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion: 62 Resp: 79263
Ion Ratio Lower Upper
62 100
64 31.3 25.4 38.0





#5

Bromomethane

Concen: 19.066 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion: 94 Resp: 51826

Ion Ratio Lower Upper

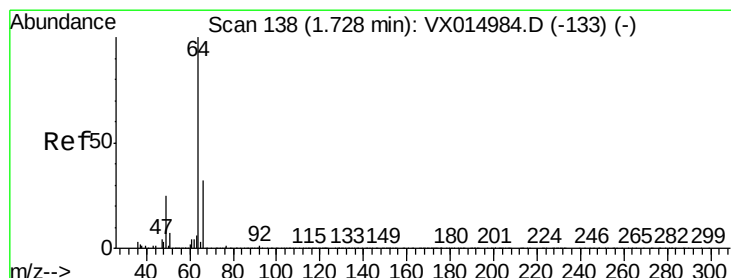
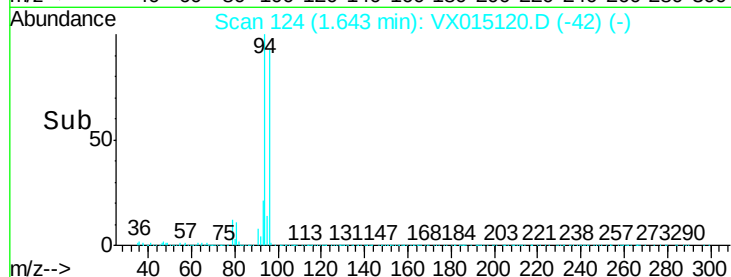
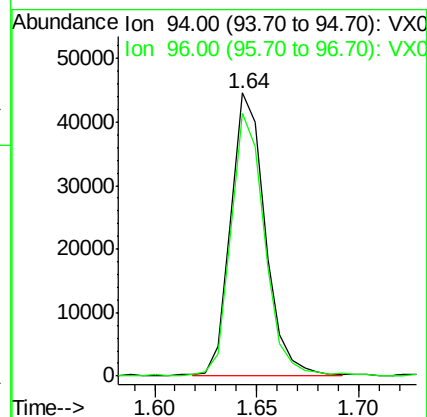
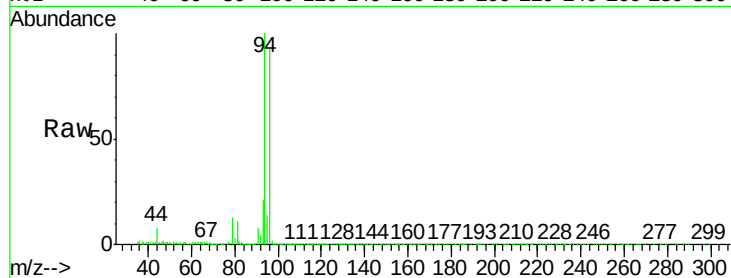
94 100

96 93.1 74.6 112.0

Manual Integrations
APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#6

Chloroethane

Concen: 19.269 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.01 min

Lab File: VX015120.D

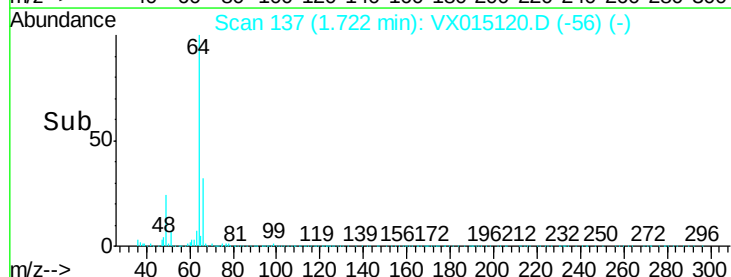
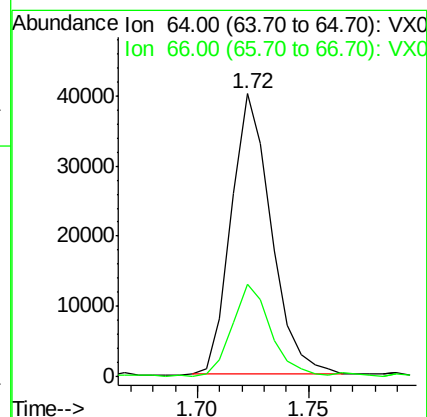
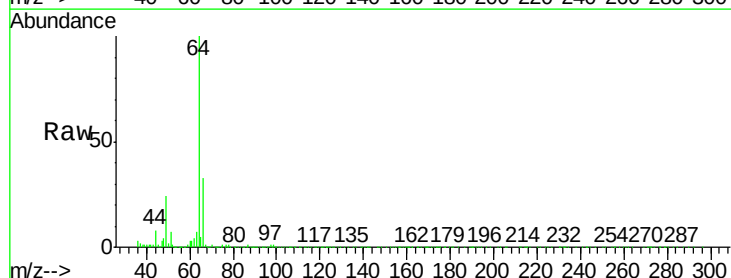
Acq: 06 Mar 2020 12:27

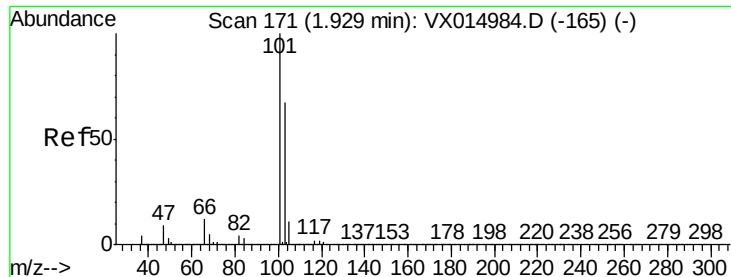
Tgt Ion: 64 Resp: 50100

Ion Ratio Lower Upper

64 100

66 32.5 25.8 38.6





#7

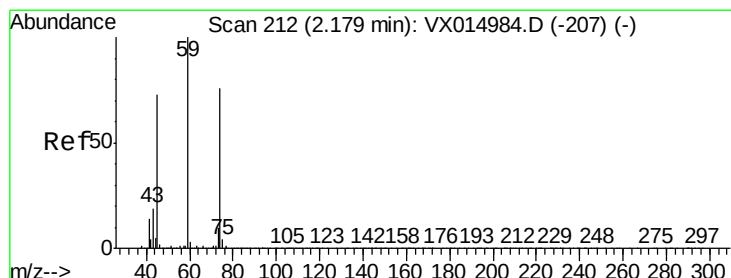
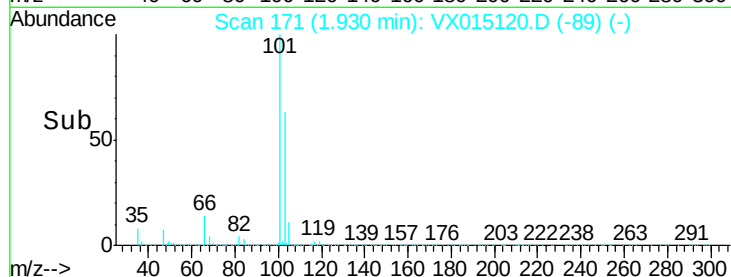
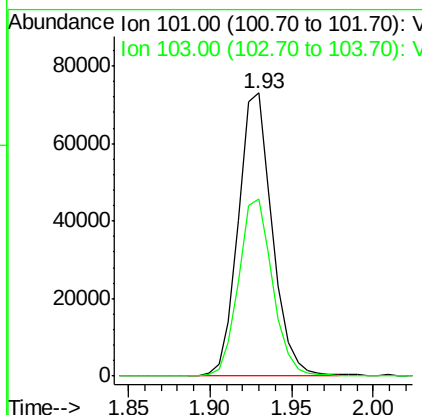
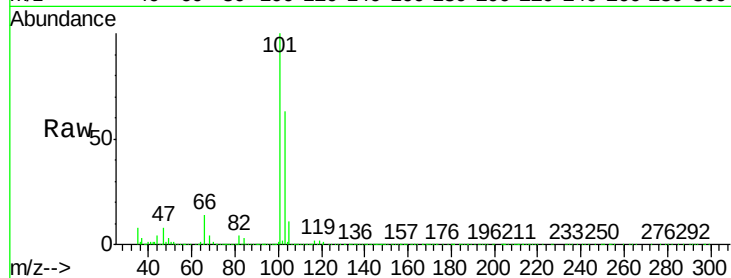
Trichlorofluoromethane
Concen: 18.657 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.7	53.4	80.2

Manual Integrations
APPROVED

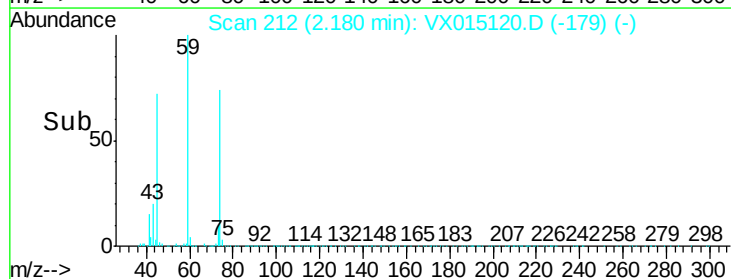
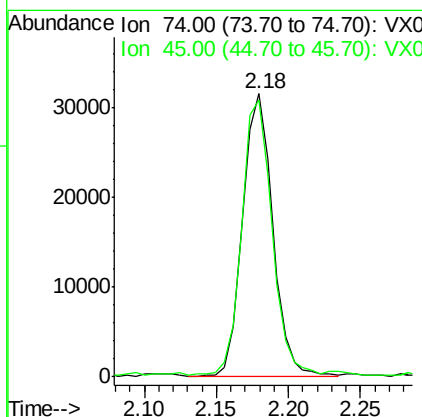
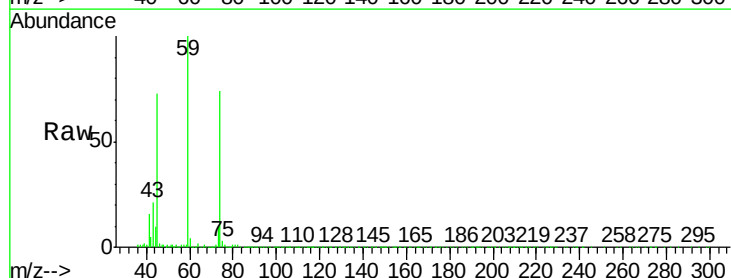
MMDadoda
3/9/2020 9:36:32 AM

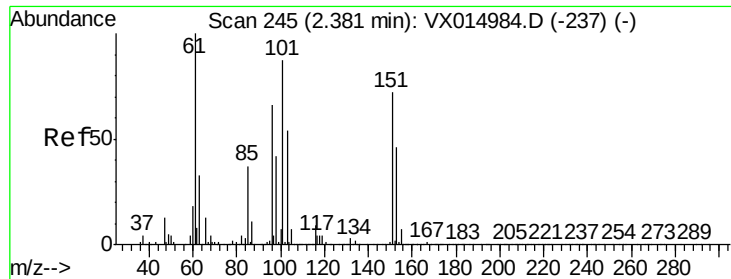


#8

Diethyl Ether
Concen: 19.197 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.545 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

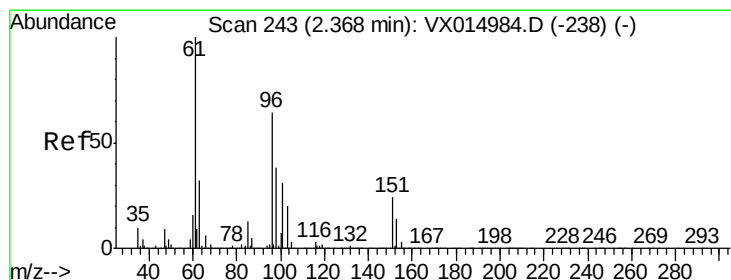
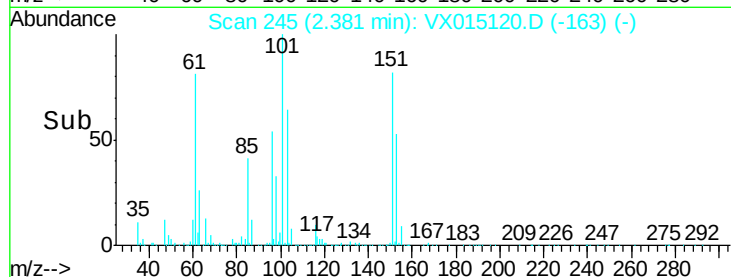
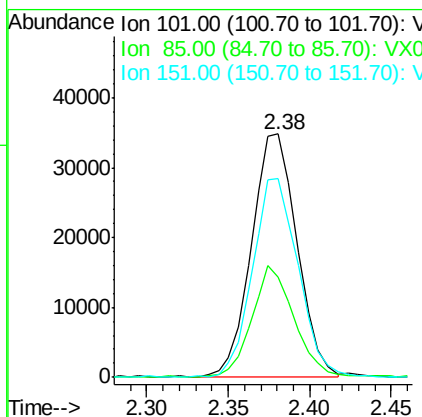
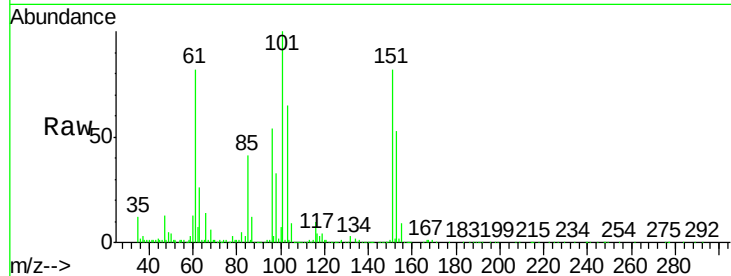
ClientSampleId :

VX0306WBS01

Tot Ion:	101	Resp:	67102
Ion Ratio	Lower	Upper	
101	100		
85	43.2	0.0	86.6
151	82.7	0.0	167.4

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#10

1,1-Dichloroethene

Concen: 19.513 ug/l

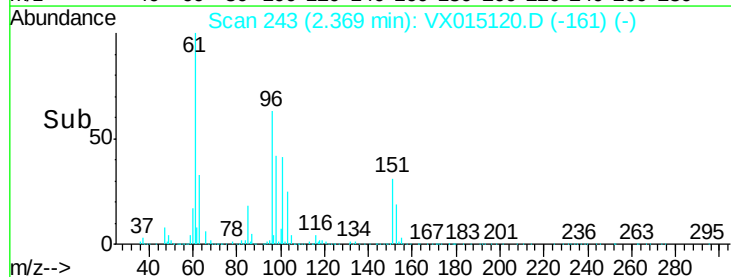
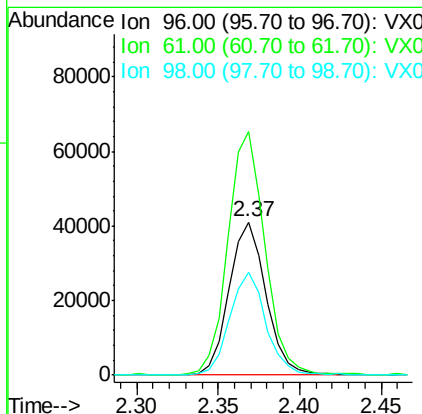
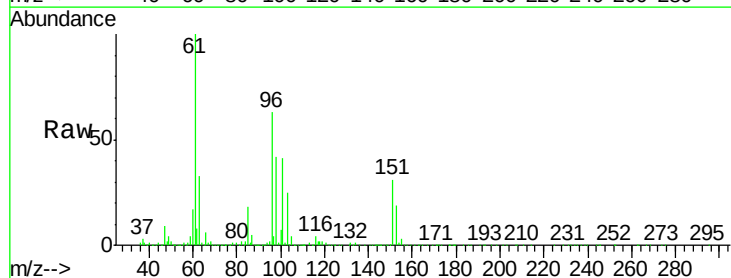
RT: 2.37 min Scan# 243

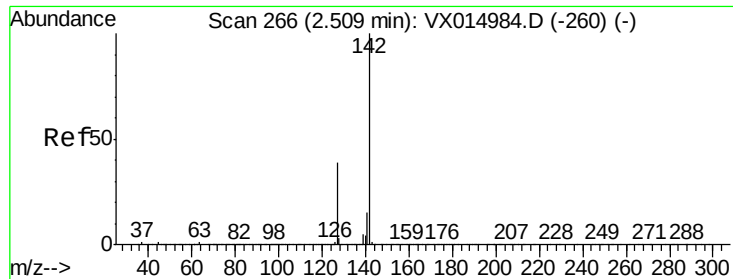
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	96	Resp:	64071
Ion Ratio	Lower	Upper	
96	100		
61	158.7	126.1	189.1
98	67.0	48.2	72.2





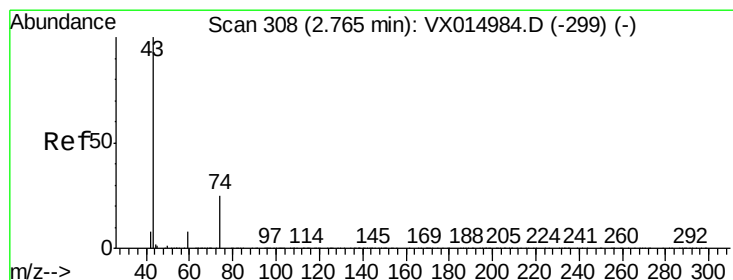
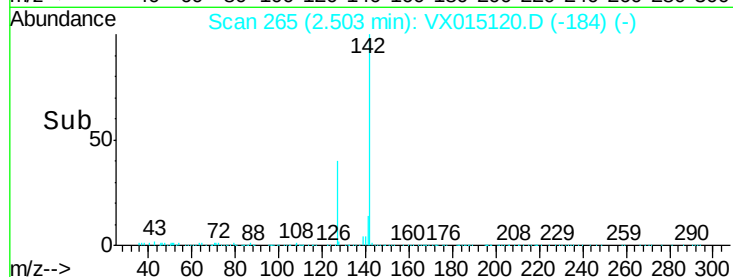
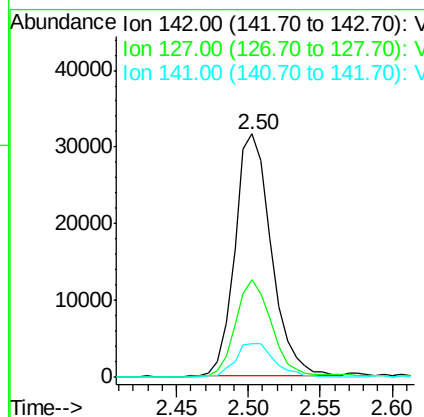
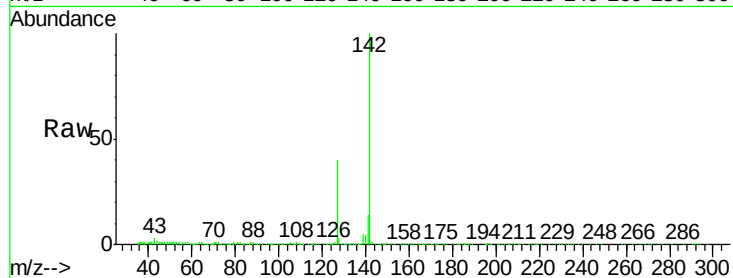
#11
Methvl Iodide
Concen: 13.936 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.0	19.7	59.0
141	13.4	7.4	22.2

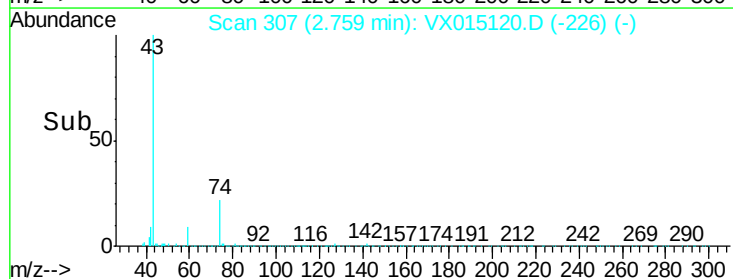
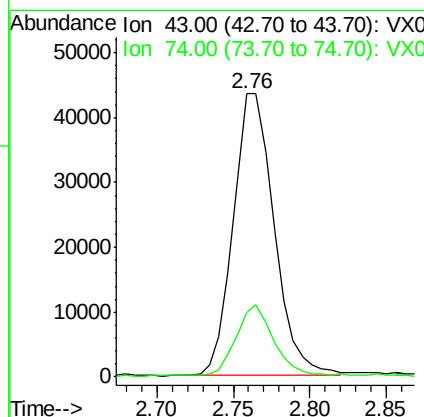
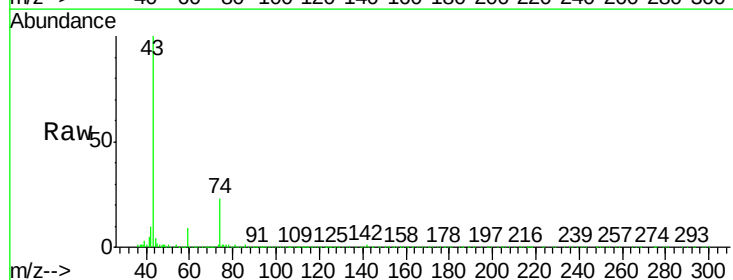
Manual Integrations
APPROVED

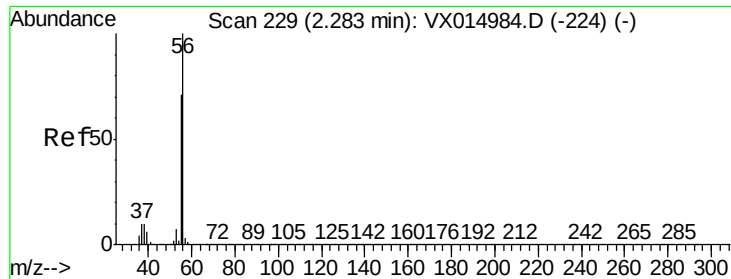
MMDadoda
3/9/2020 9:36:32 AM



#12
Methyl Acetate
Concen: 19.706 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.0	19.8	29.8





#13

Acrolein

Concen: 105.667 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion: 56 Resp: 85866

Ion Ratio Lower Upper

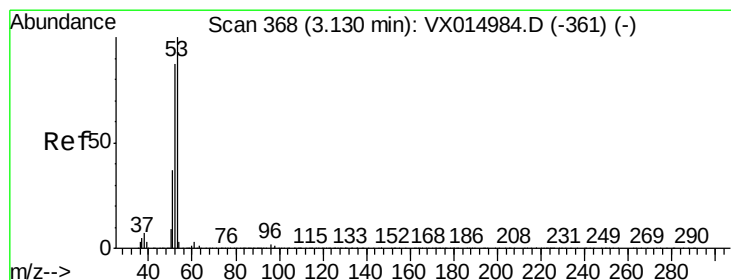
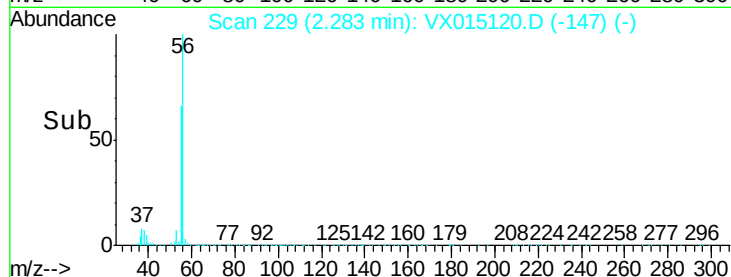
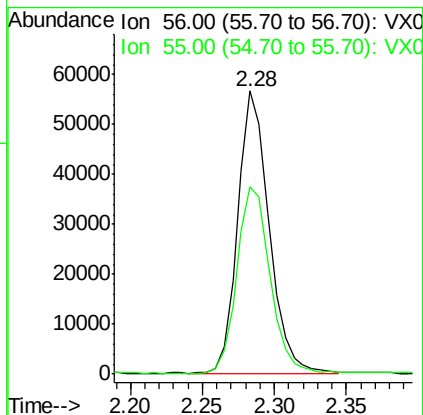
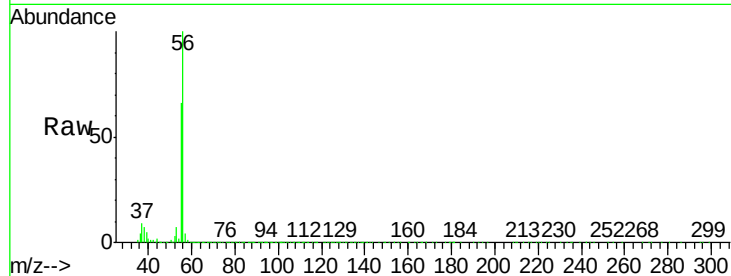
56 100

55 69.0 56.2 84.2

Manual Integrations
APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#14

Acrylonitrile

Concen: 95.825 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

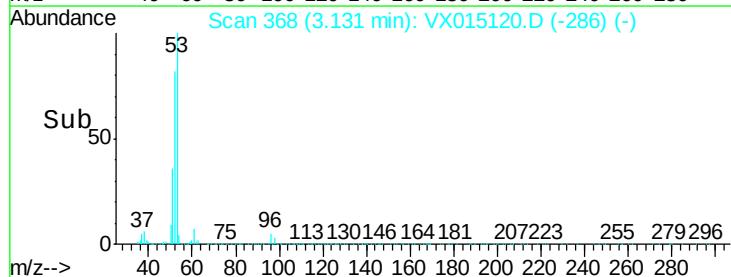
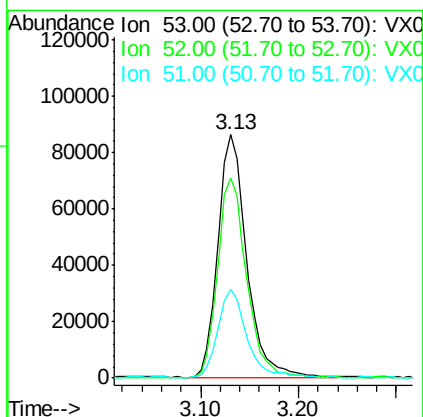
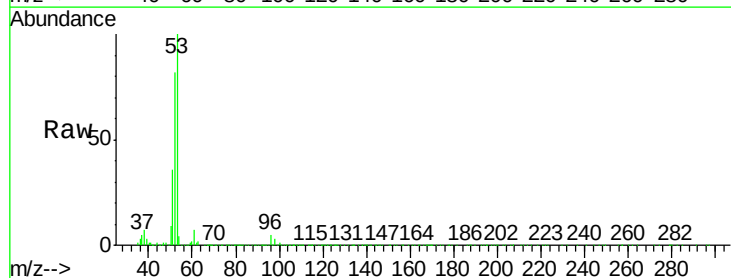
Tgt Ion: 53 Resp: 176820

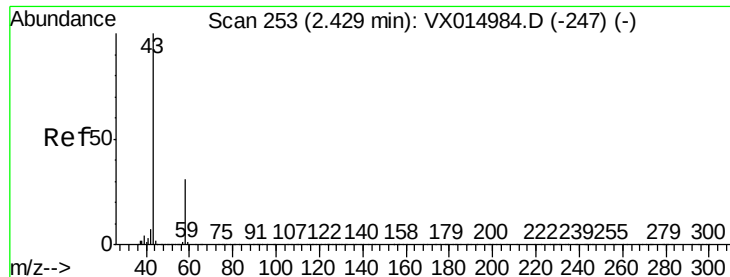
Ion Ratio Lower Upper

53 100

52 83.2 41.5 124.6

51 36.2 18.1 54.4





#15

Acetone

Concen: 86.804 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion: 58 Resp: 57322

Ion Ratio Lower Upper

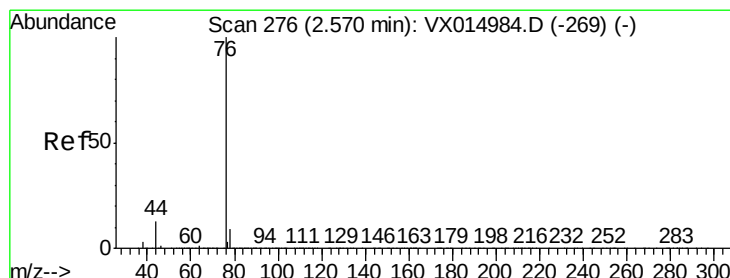
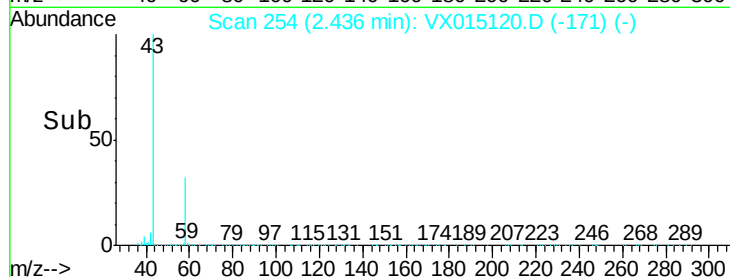
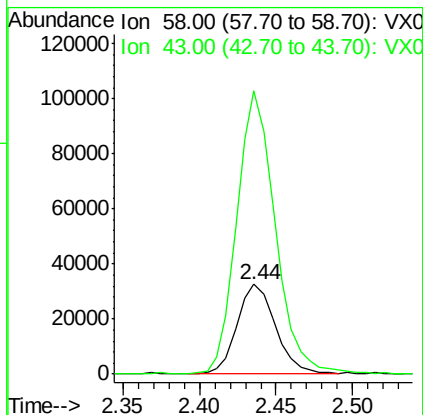
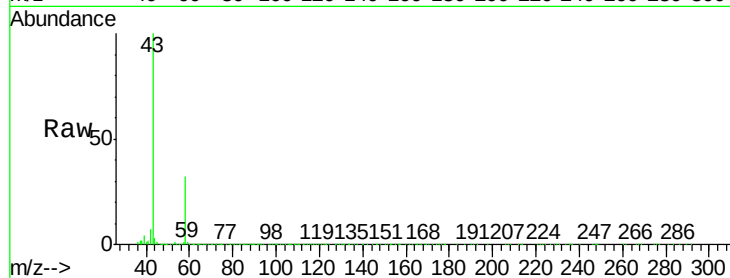
58 100

43 314.9 257.7 386.5

Manual Integrations
APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#16

Carbon Disulfide

Concen: 18.649 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX015120.D

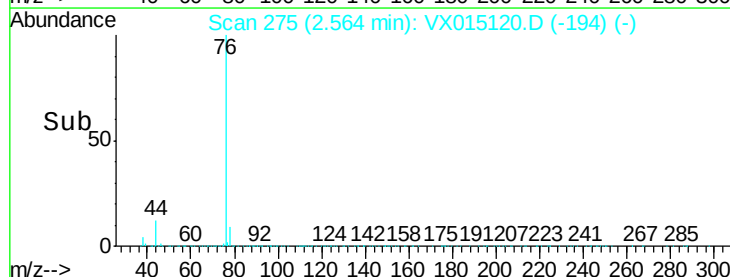
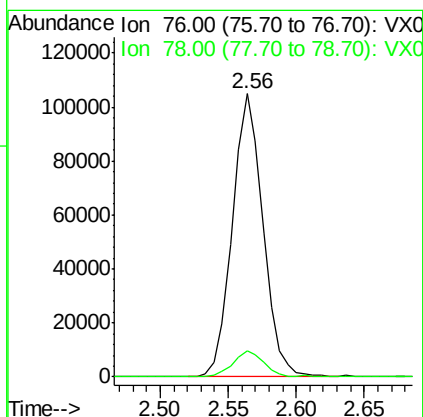
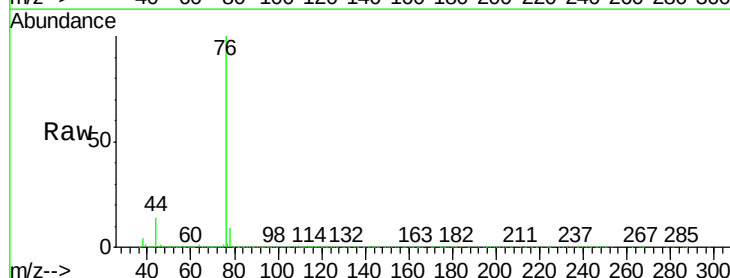
Acq: 06 Mar 2020 12:27

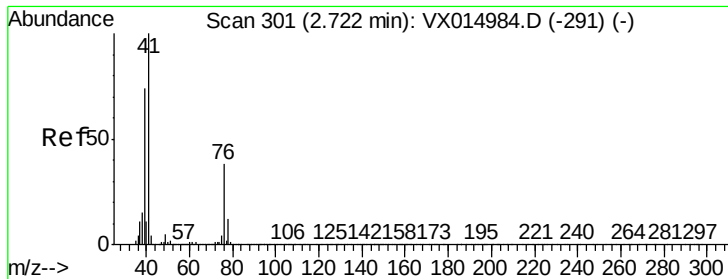
Tgt Ion: 76 Resp: 164642

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





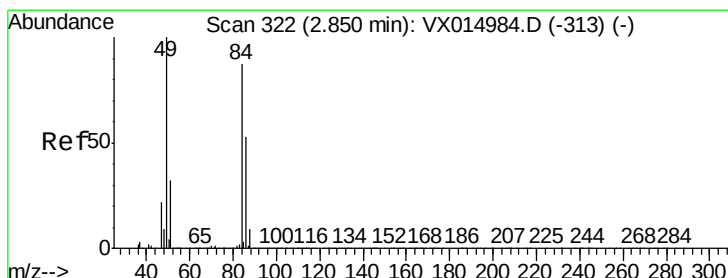
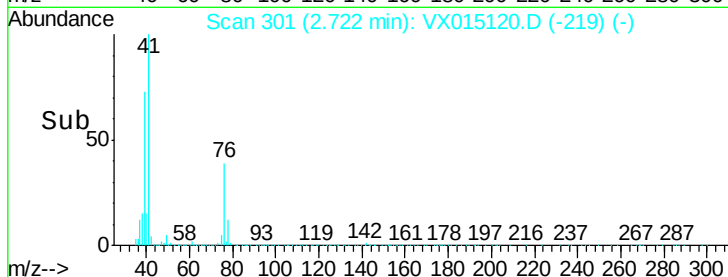
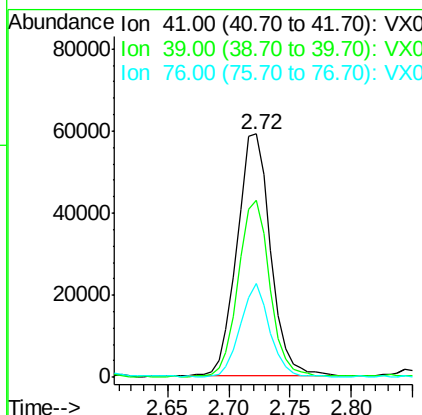
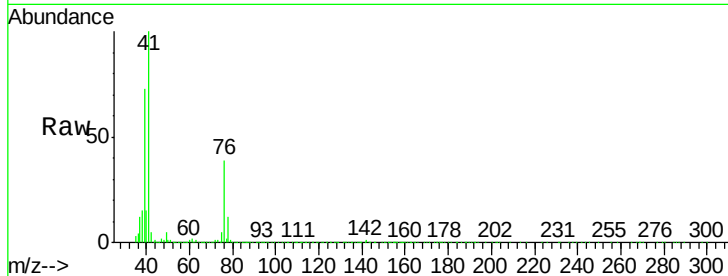
#17
Allvl chloride
Concen: 19.776 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.9	37.1	111.5
76	38.5	18.8	56.4

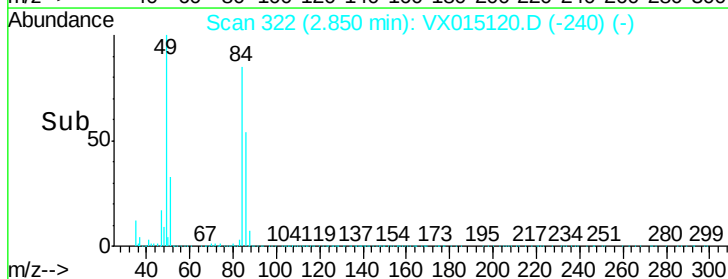
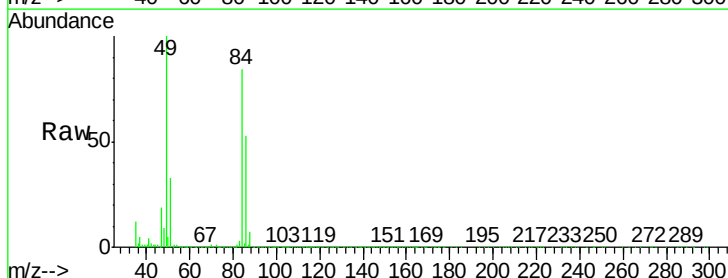
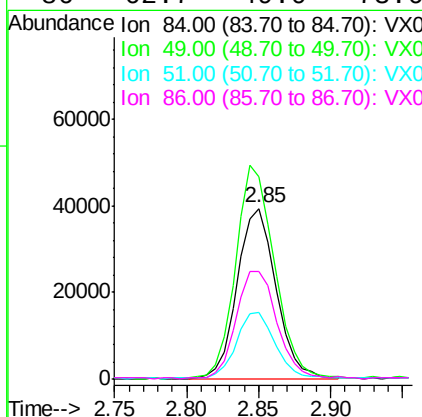
Manual Integrations
APPROVED

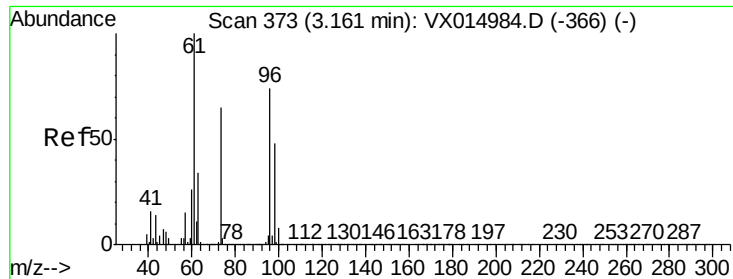
MMDadoda
3/9/2020 9:36:32 AM



#18
Methylene Chloride
Concen: 19.526 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
84	100		
49	118.0	92.2	138.2
51	38.3	29.7	44.5
86	62.7	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 19.862 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

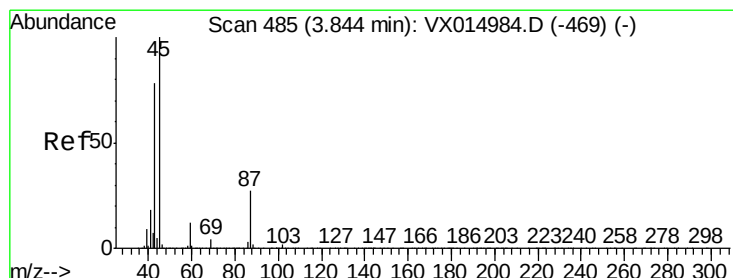
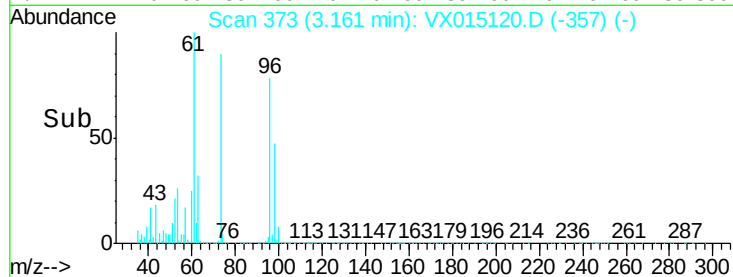
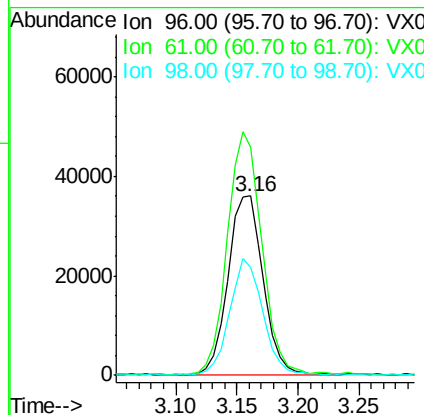
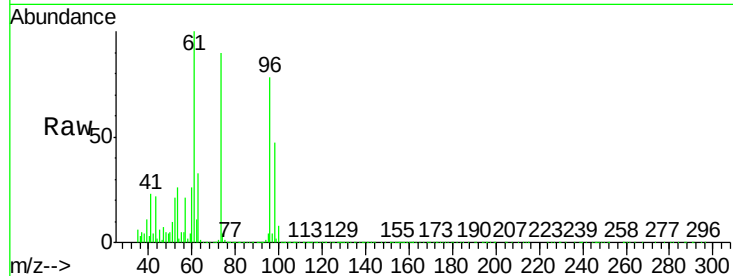
ClientSampleId :

VX0306WBS01

Tot Ion:	96	Resp:	71631
Ion	Ratio	Lower	Upper
96	100		
61	126.9	107.1	160.7
98	60.3	51.4	77.2

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#20

Diisopropyl ether

Concen: 20.434 ug/l

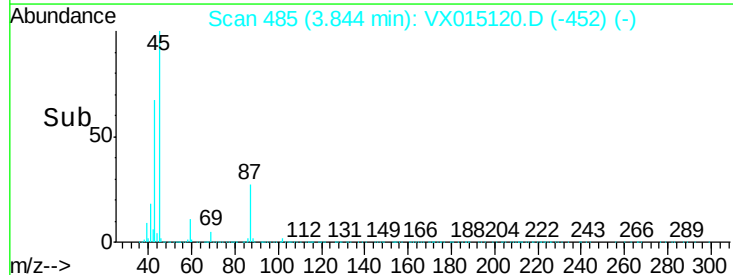
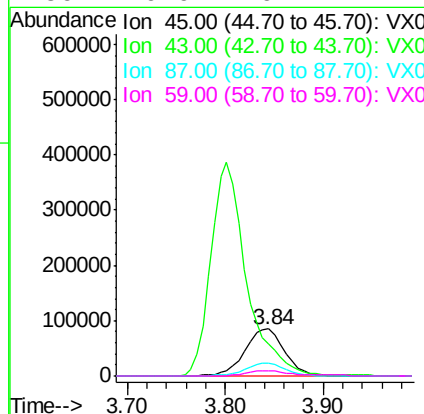
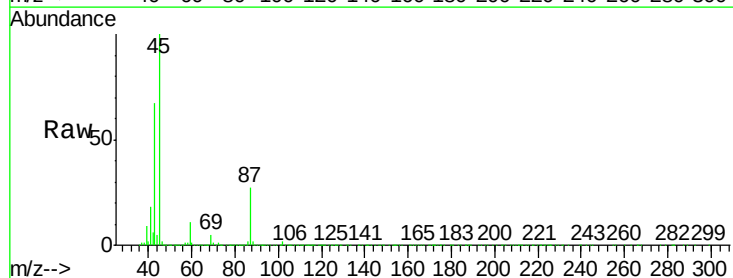
RT: 3.84 min Scan# 485

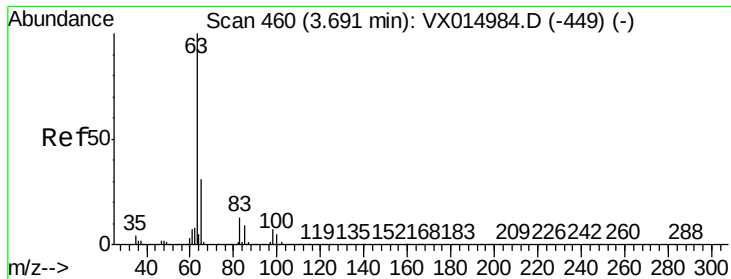
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	45	Resp:	238357
Ion	Ratio	Lower	Upper
45	100		
43	65.4	62.3	93.5
87	27.1	21.8	32.6
59	10.9	9.4	14.2





#21

1,1-Dichloroethane

Concen: 20.742 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

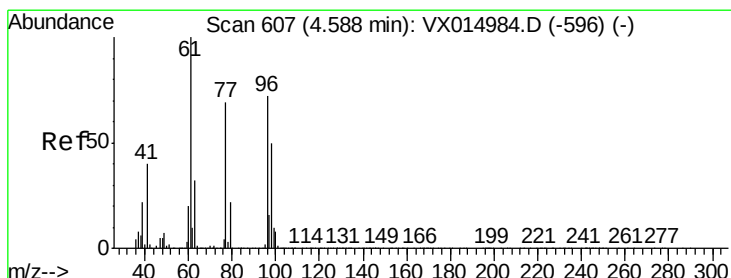
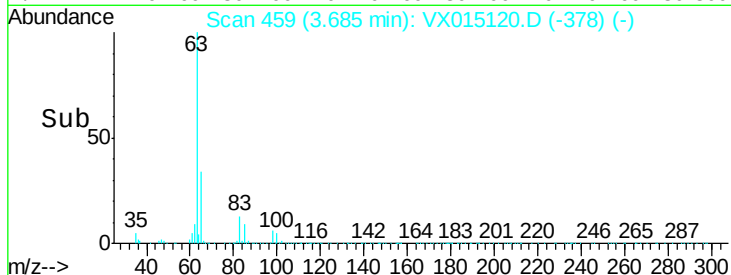
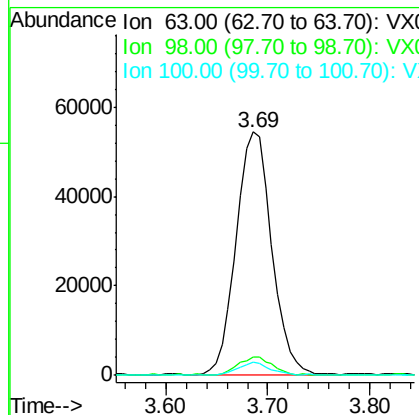
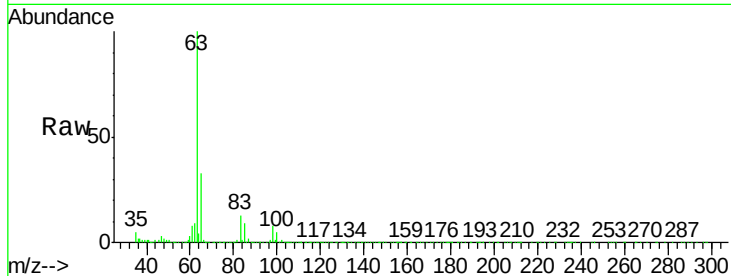
ClientSampleId :

VX0306WBS01

Tot Ion:	63	Resp:	132633
Ion Ratio	Lower	Upper	
63	100		
98	7.4	3.5	10.5
100	5.0	2.5	7.5

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#22

cis-1,2-Dichloroethene

Concen: 19.587 ug/l

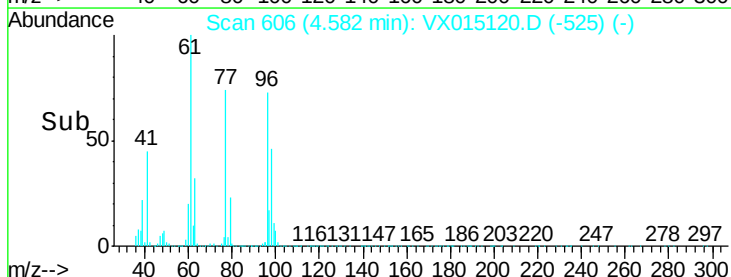
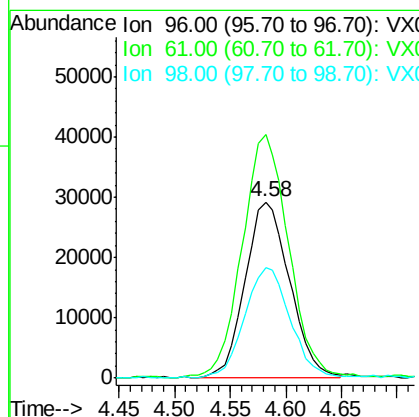
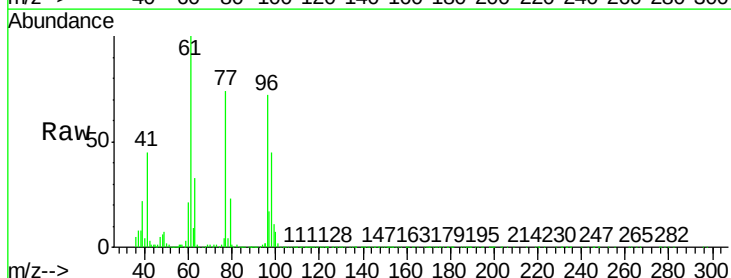
RT: 4.58 min Scan# 606

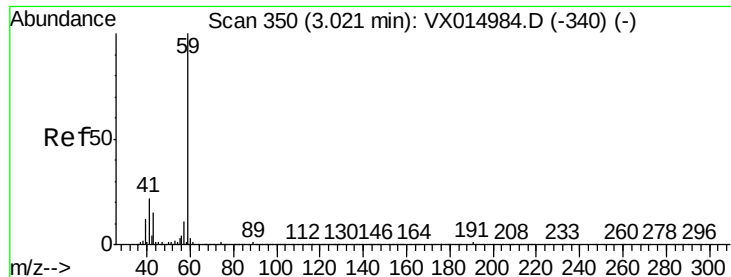
Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	96	Resp:	80836
Ion Ratio	Lower	Upper	
96	100		
61	144.9	110.6	165.8
98	63.7	50.4	75.6





#23

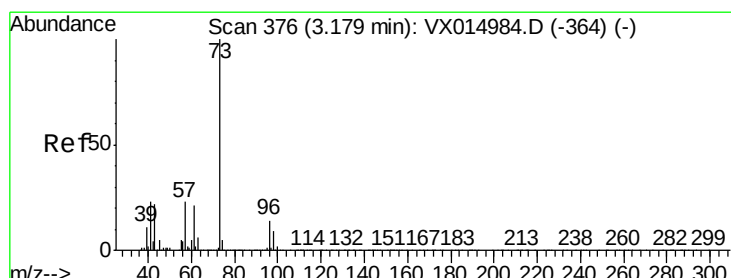
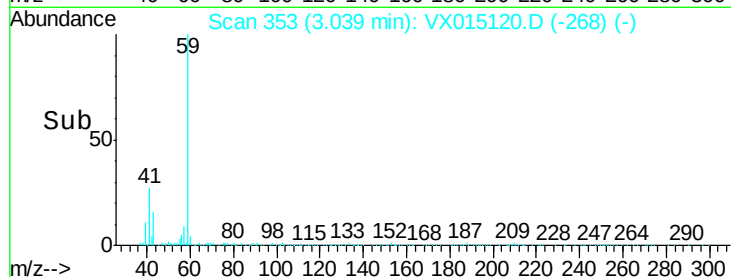
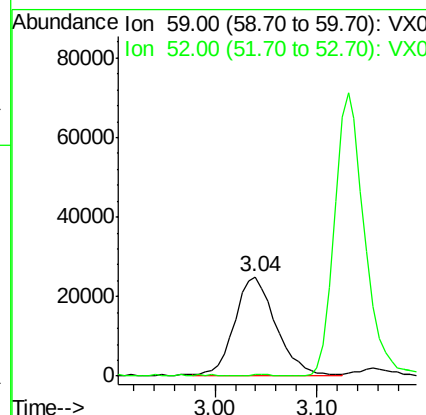
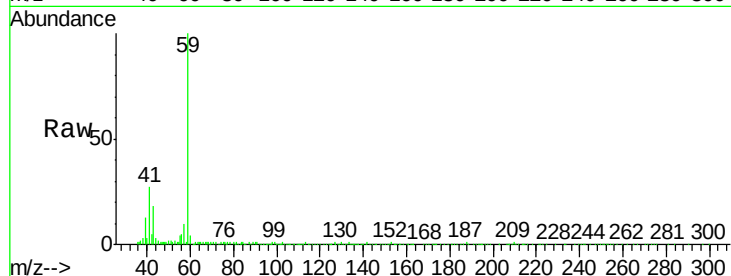
tert-Butyl Alcohol
Concen: 95.191 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.02 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.7	0.4	0.6#

Manual Integrations
APPROVED

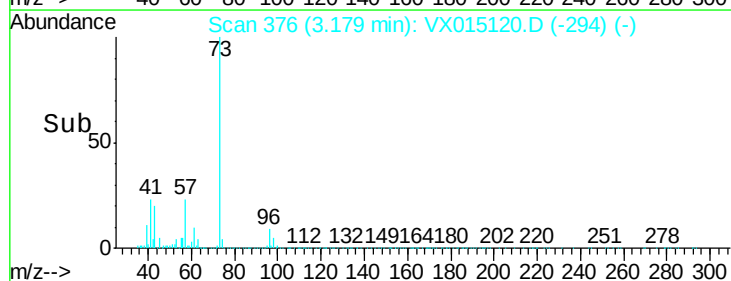
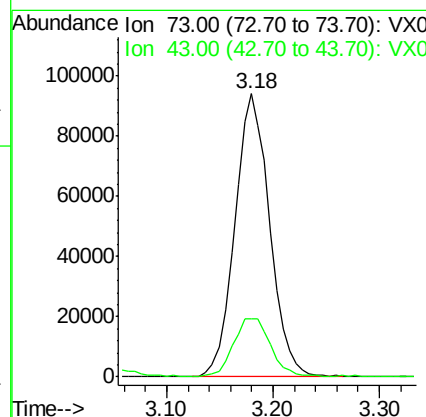
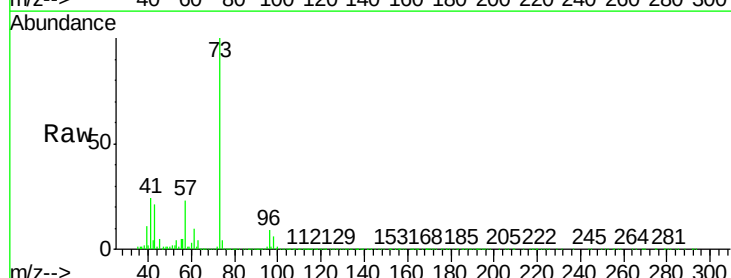
MMDadoda
3/9/2020 9:36:32 AM

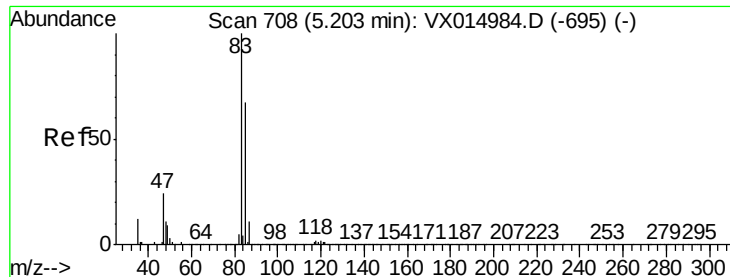


#24

Methyl tert-Butyl Ether
Concen: 19.636 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.7	17.7	26.5





#25

Chloroform

Concen: 20.181 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0306WBS01

Tot Ion: 83 Resp: 130132

Ion Ratio Lower Upper

83 100

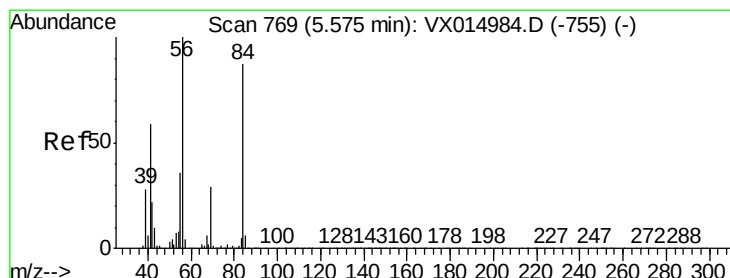
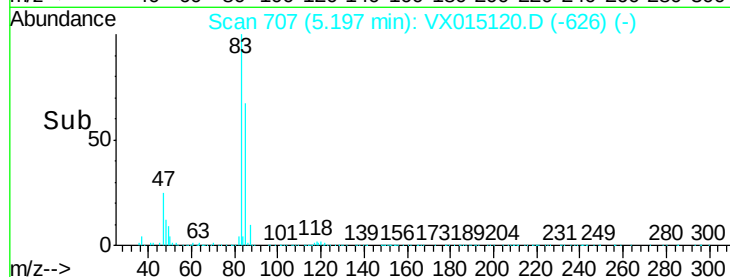
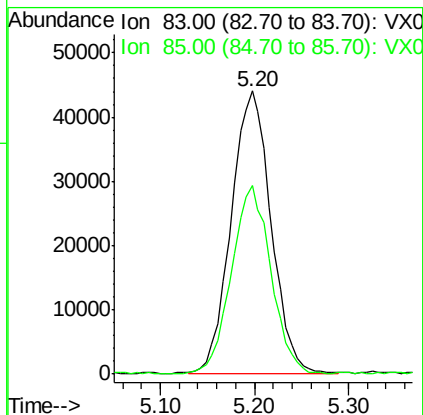
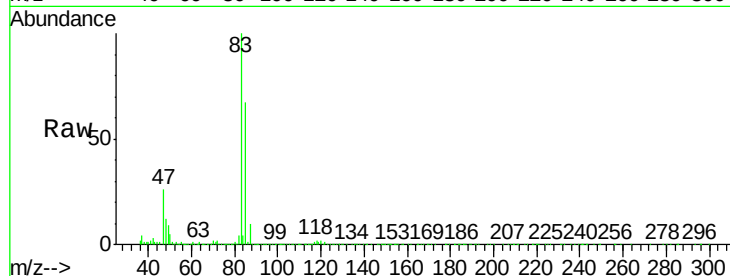
85 66.4 53.4 80.0

Manual Integrations

APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#26

Cyclohexane

Concen: 19.514 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

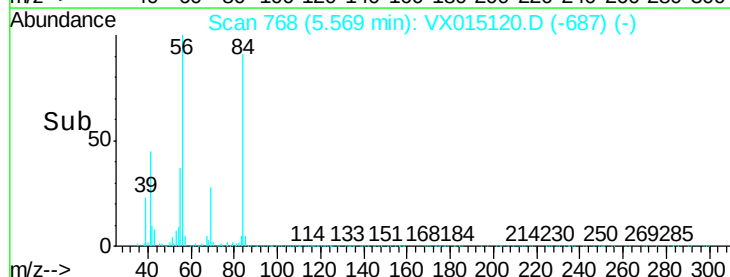
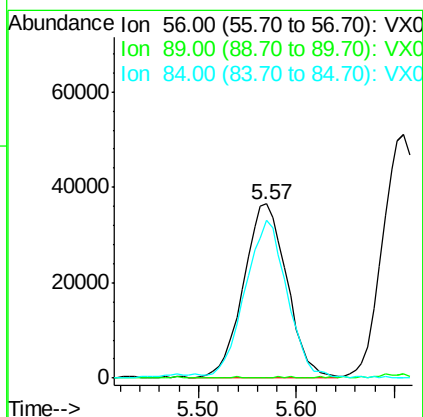
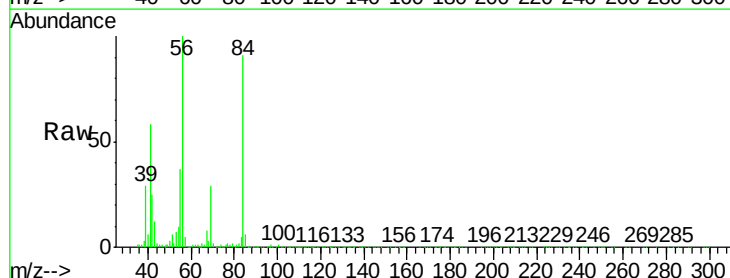
Tgt Ion: 56 Resp: 111523

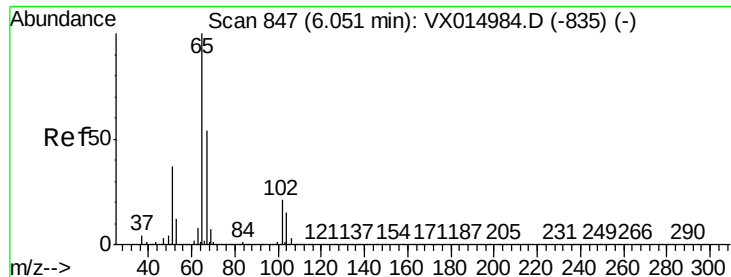
Ion Ratio Lower Upper

56 100

89 0.2 0.2 0.2

84 87.3 71.8 107.8





#27

1,2-Dichloroethane-d4

Concen: 29.782 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion: 65 Resp: 129352

Ion Ratio Lower Upper

65 100

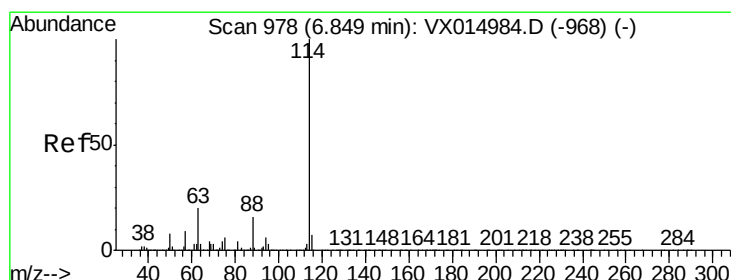
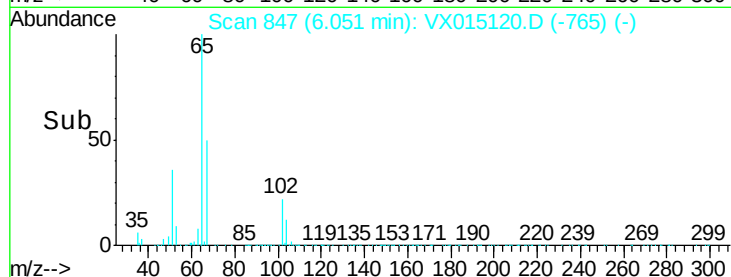
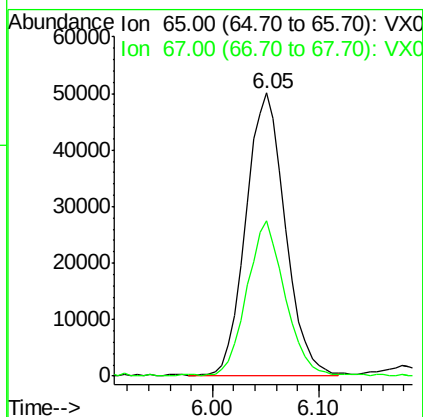
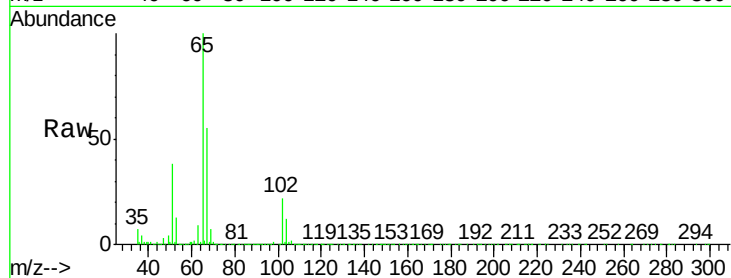
67 52.5 41.9 62.9

Manual Integrations

APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

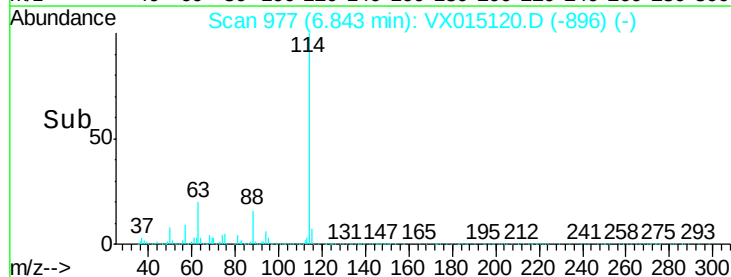
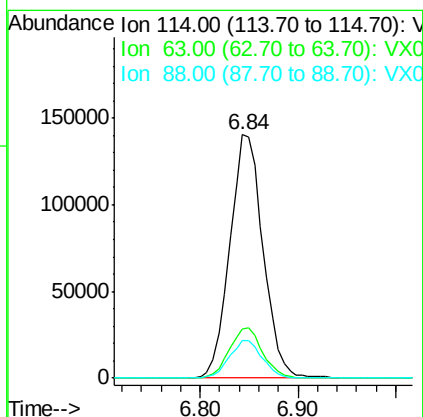
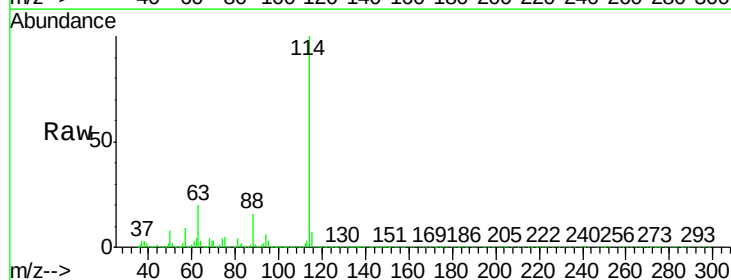
Tgt Ion: 114 Resp: 330112

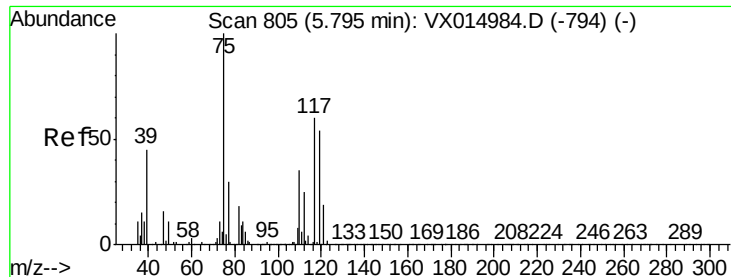
Ion Ratio Lower Upper

114 100

63 20.5 15.6 23.4

88 15.2 12.2 18.2





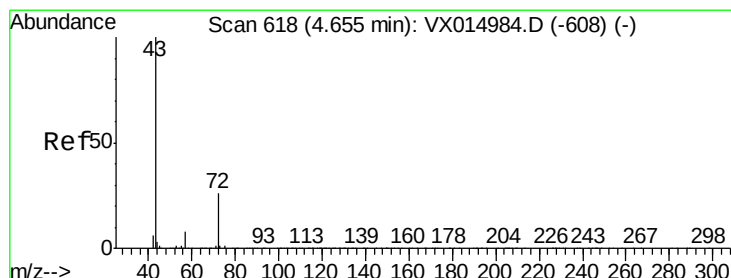
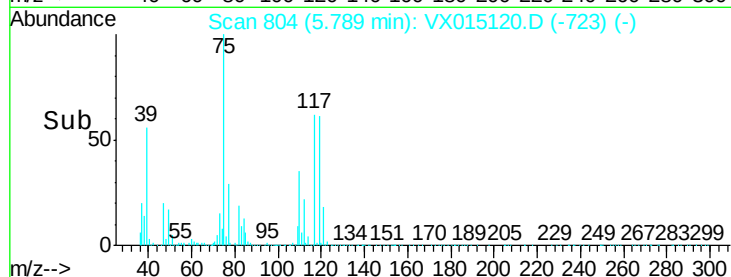
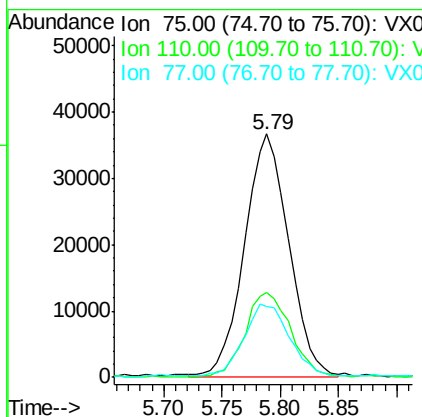
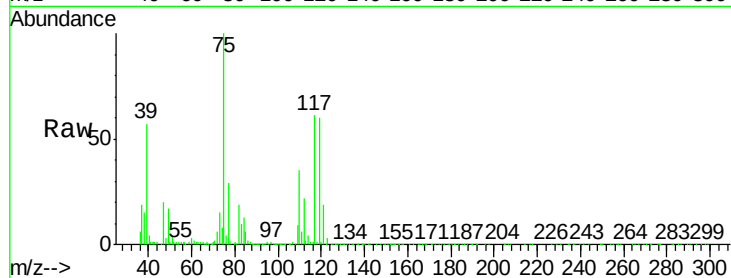
#29
 1,1-Dichloropropene
 Concen: 20.709 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Tot Ion:	75	Resp:	96695
Ion Ratio	Lower	Upper	
75	100		
110	36.3	0.0	75.0
77	30.9	0.0	64.0

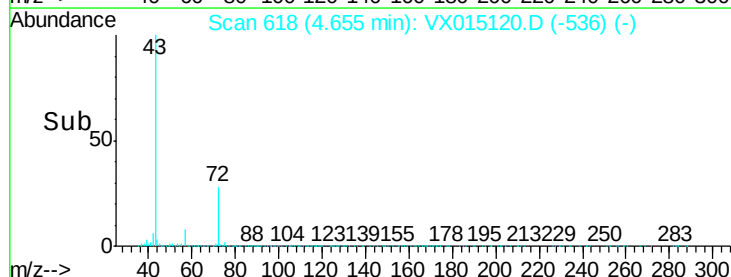
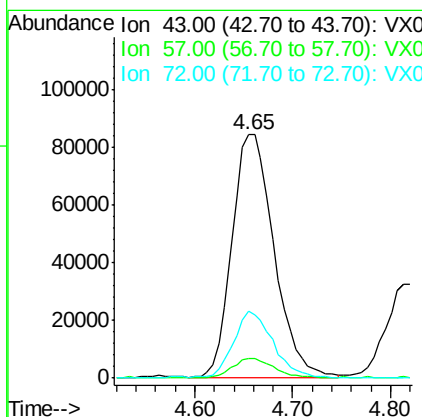
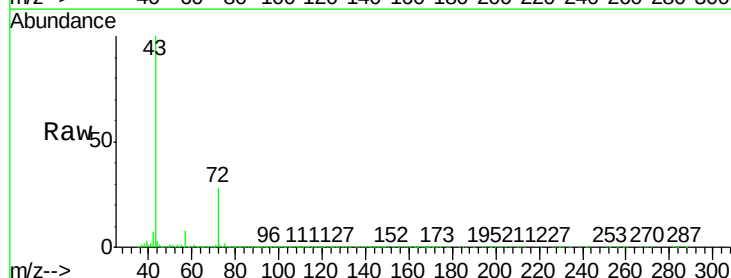
Manual Integrations
 APPROVED

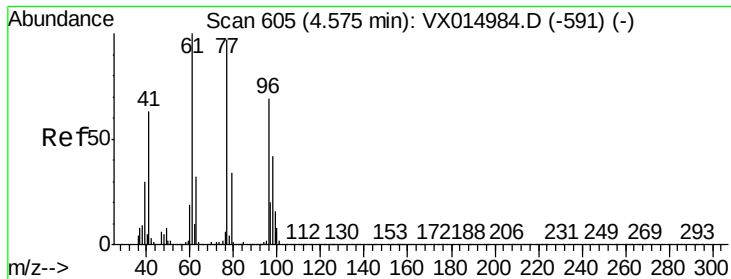
MMDadoda
 3/9/2020 9:36:32 AM



#30
 2-Butanone
 Concen: 93.159 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Tgt Ion:	43	Resp:	251074
Ion Ratio	Lower	Upper	
43	100		
57	7.9	6.5	9.7
72	25.3	20.3	30.5





#31

2,2-Dichloropropane

Concen: 20.168 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampled :

VX0306WBS01

Tot Ion: 77 Resp: 103403

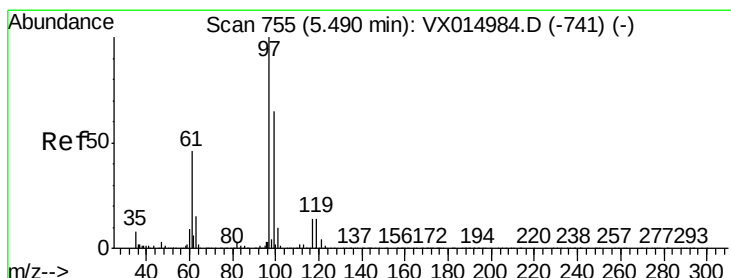
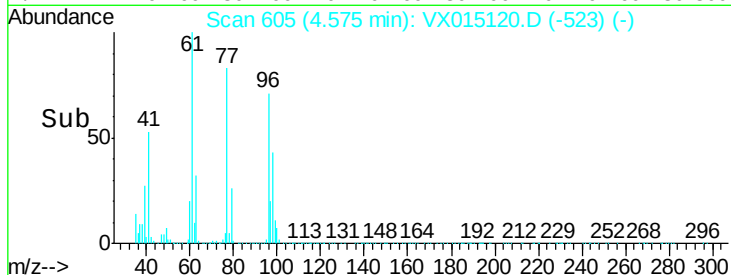
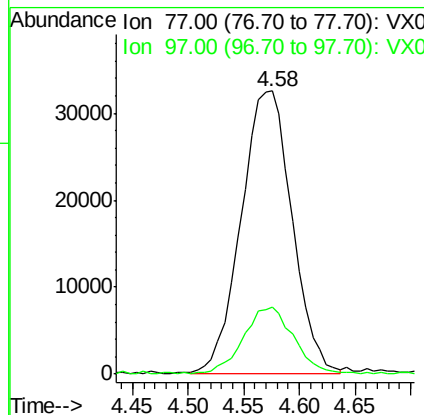
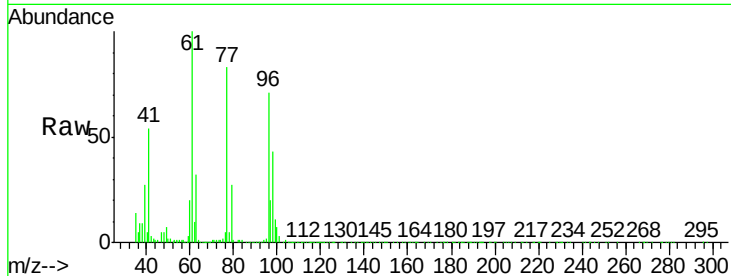
Ion Ratio Lower Upper

77 100

97 23.5 18.4 27.6

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#32

1,1,1-Trichloroethane

Concen: 20.597 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

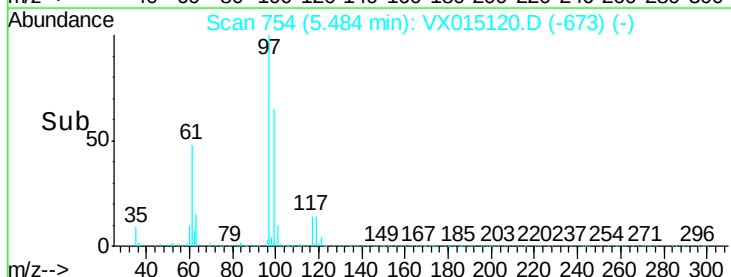
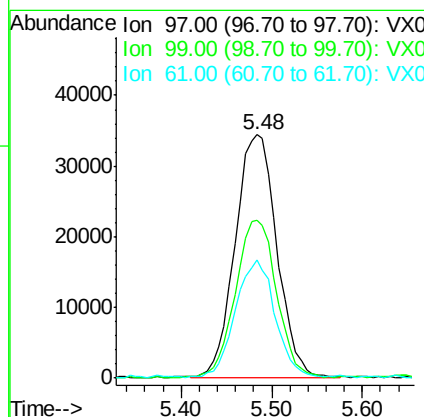
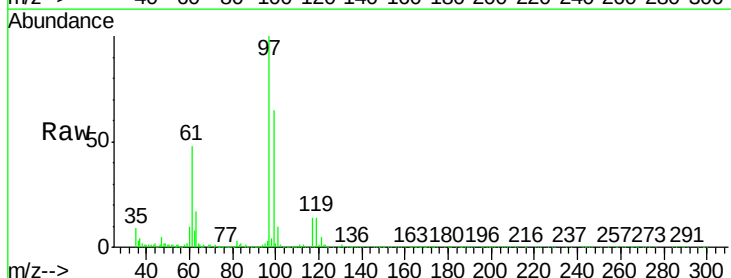
Tgt Ion: 97 Resp: 109214

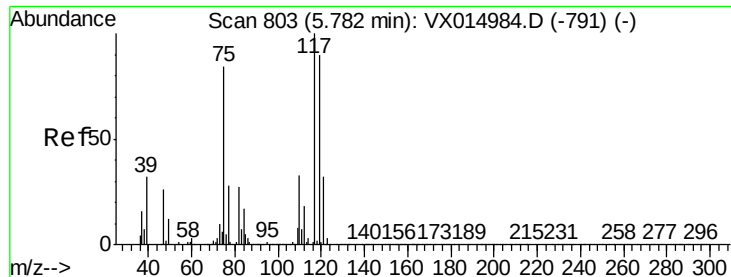
Ion Ratio Lower Upper

97 100

99 64.9 53.0 79.6

61 45.5 36.2 54.2





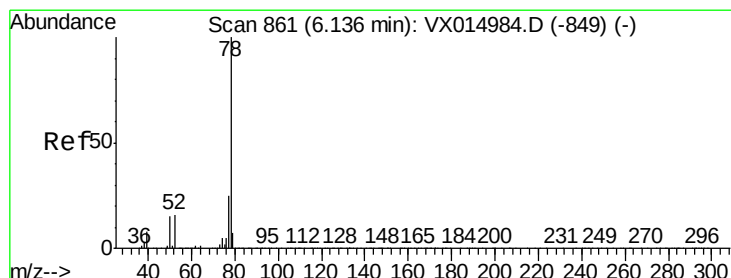
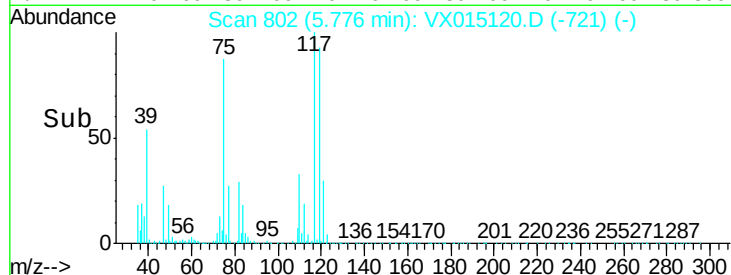
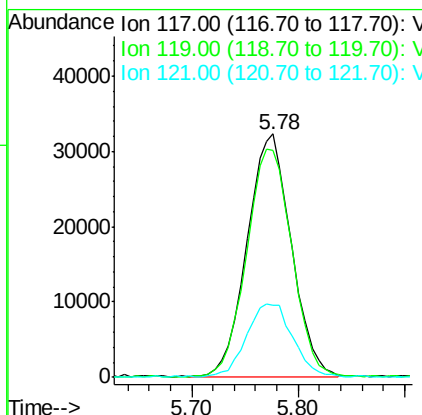
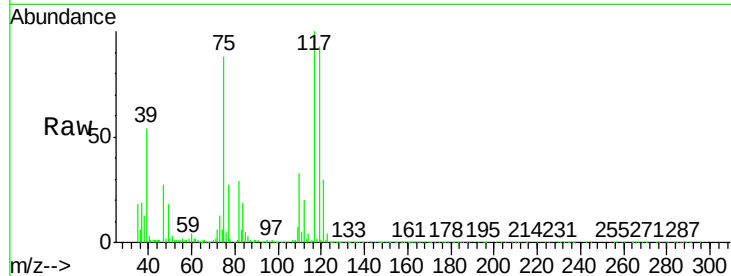
#33
Carbon Tetrachloride
Concen: 20.306 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.1	71.9	107.9
121	29.2	25.4	38.2

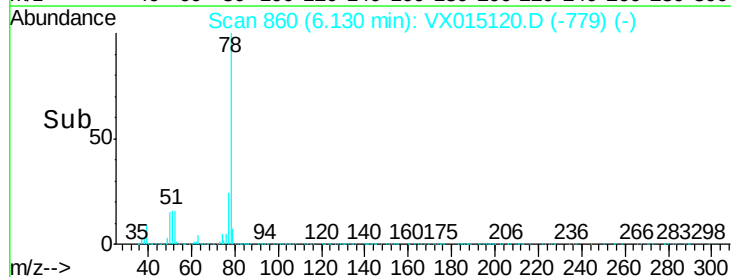
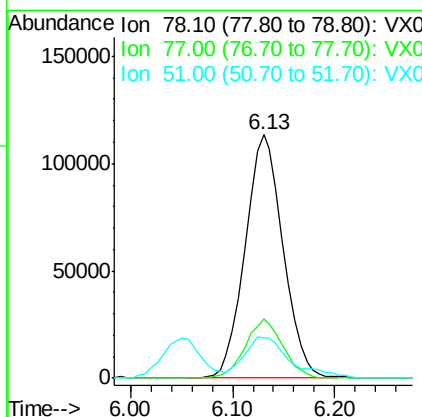
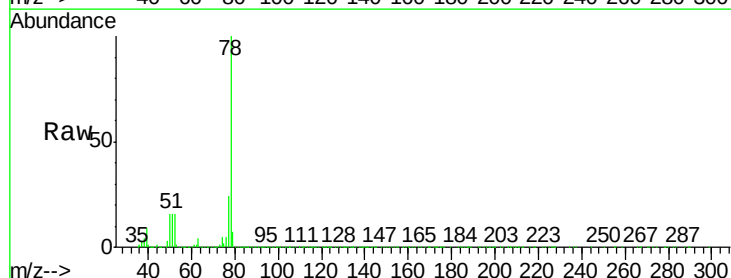
Manual Integrations
APPROVED

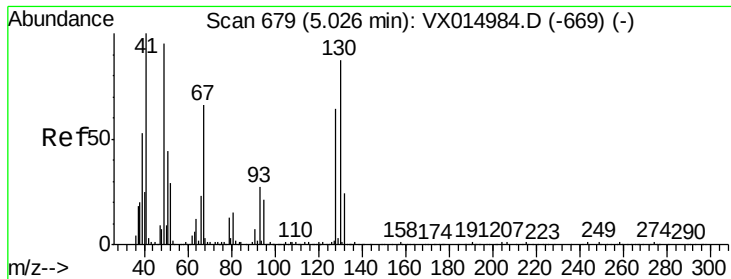
MMDadoda
3/9/2020 9:36:32 AM



#34
Benzene
Concen: 20.729 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	20.0	30.0
51	15.1	13.3	19.9





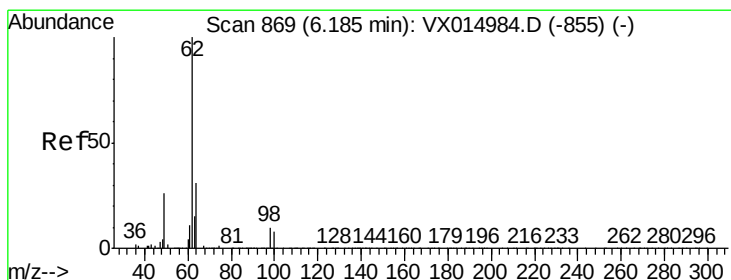
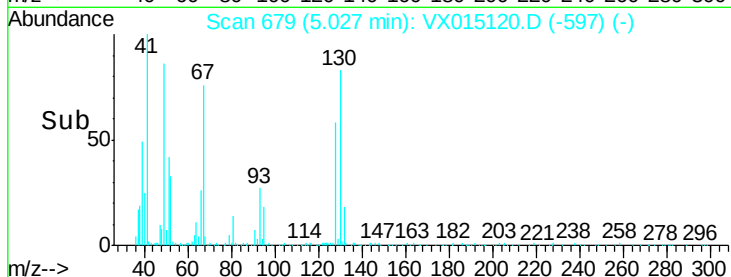
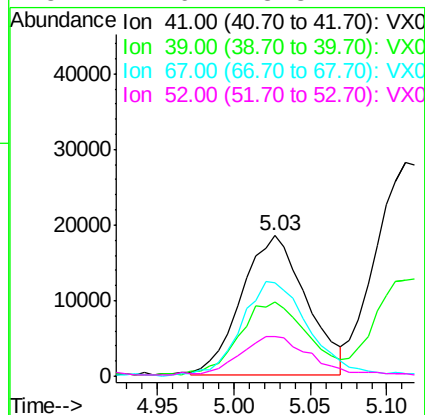
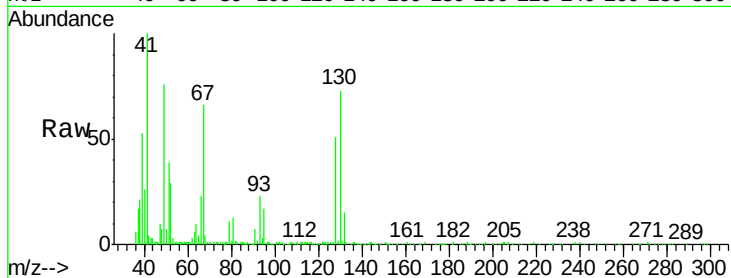
#35
Methacrylonitrile
Concen: 19.844 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		54557		
39	50.9	25.9	77.7		
67	66.5	32.7	98.1		
52	27.6	13.8	41.4		

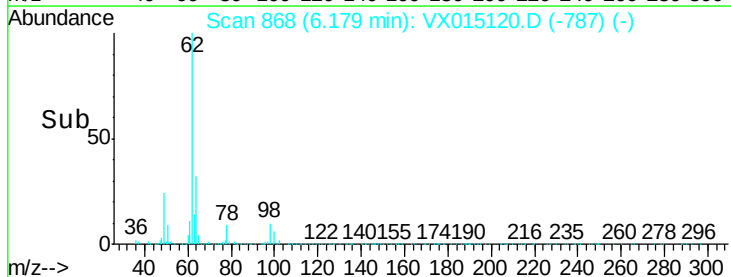
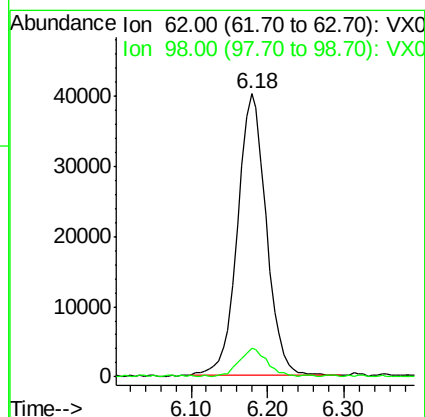
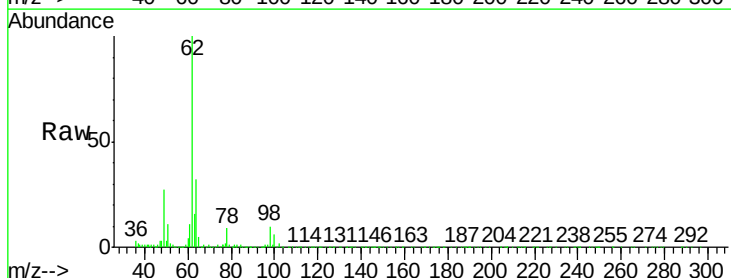
Manual Integrations
APPROVED

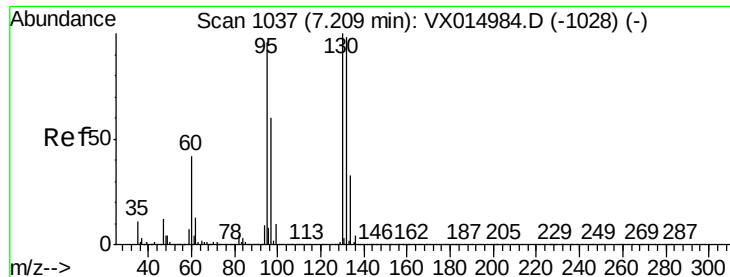
MMDadoda
3/9/2020 9:36:32 AM



#36
1,2-Dichloroethane
Concen: 20.924 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		104352		
98	9.5	7.5	11.3		





#37

Trichloroethene

Concen: 20.348 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion:130 Resp: 80493

Ion Ratio Lower Upper

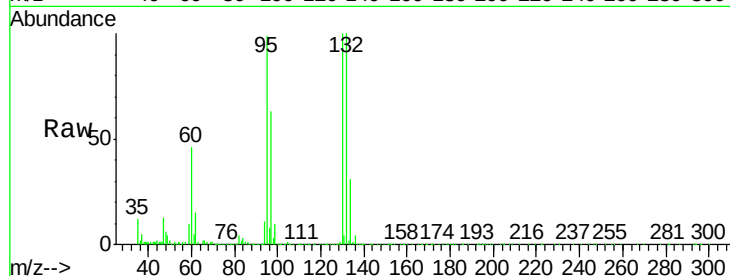
130 100

95 99.0 77.1 115.7

Manual Integrations
APPROVED

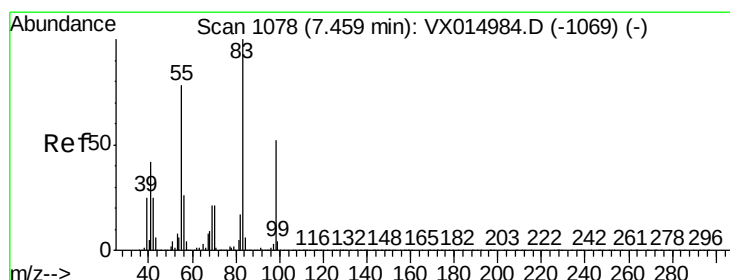
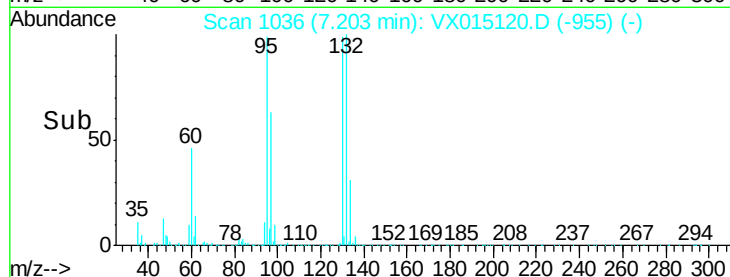
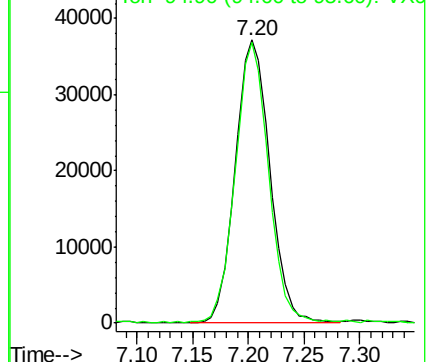
MMDadoda

3/9/2020 9:36:32 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.594 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

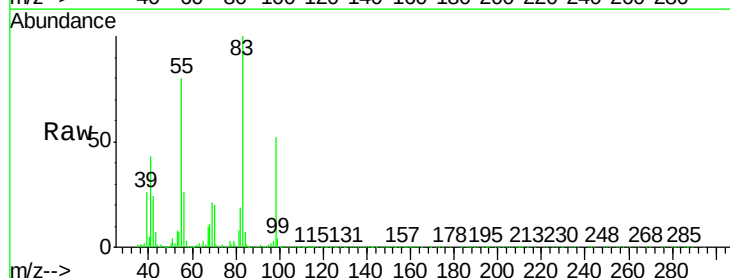
Tgt Ion: 83 Resp: 113402

Ion Ratio Lower Upper

83 100

55 77.5 38.2 114.6

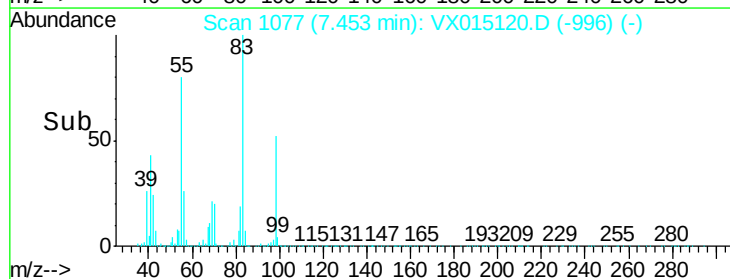
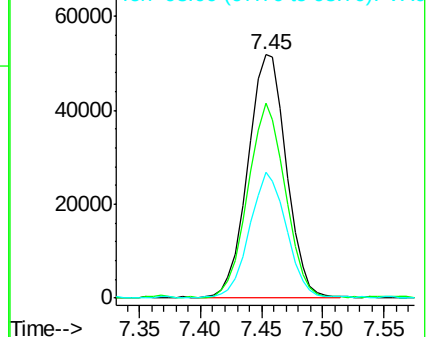
98 50.2 25.3 75.8

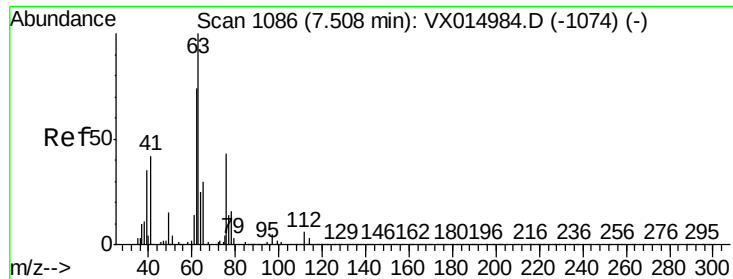


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





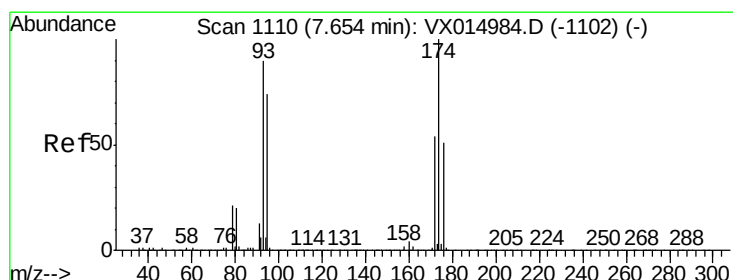
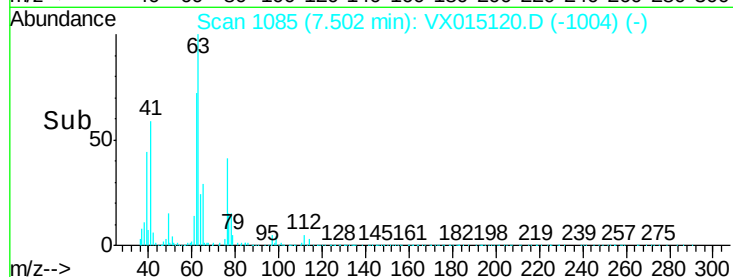
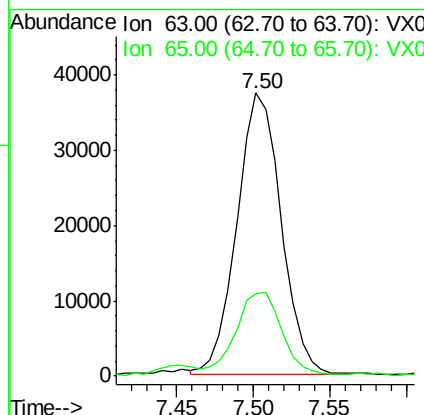
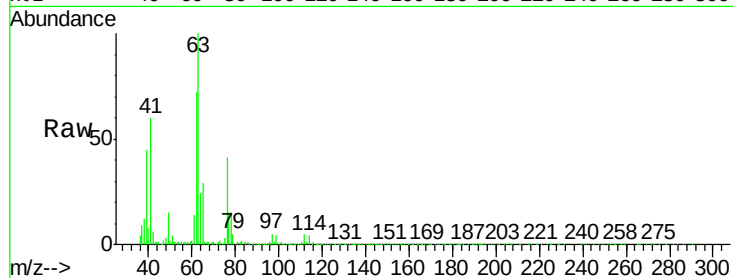
#39
 1,2-Dichloropropane
 Concen: 20.840 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.8	24.6	36.8

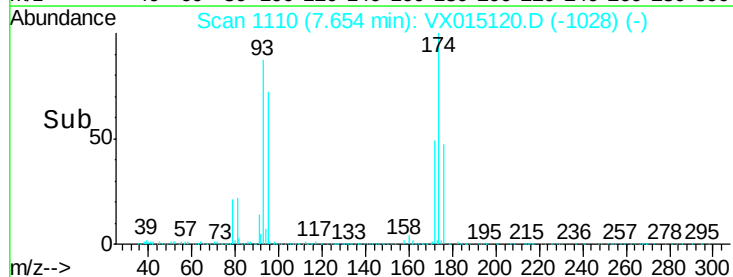
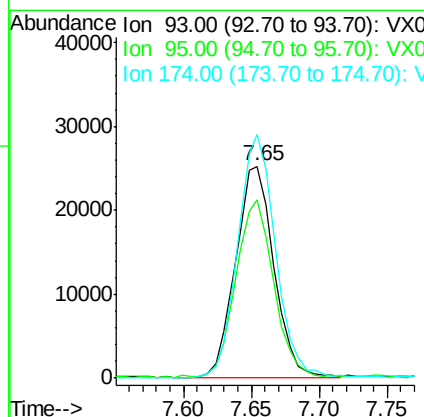
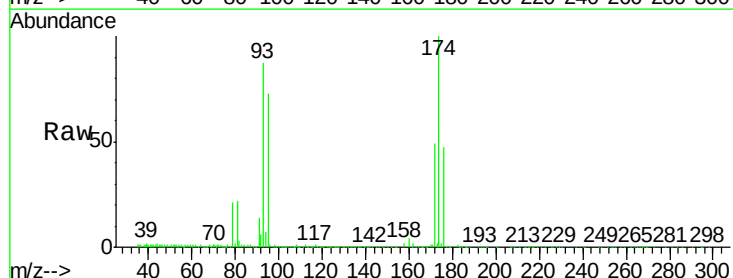
Manual Integrations
 APPROVED

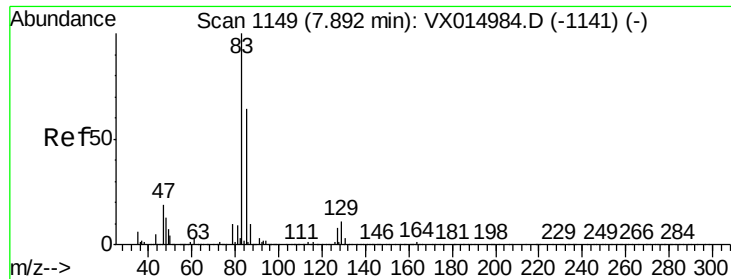
MMDadoda
 3/9/2020 9:36:32 AM



#40
 Dibromomethane
 Concen: 20.493 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.7	0.0	164.6
174	113.4	0.0	226.4





#41

Bromodichloromethane

Concen: 20.692 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

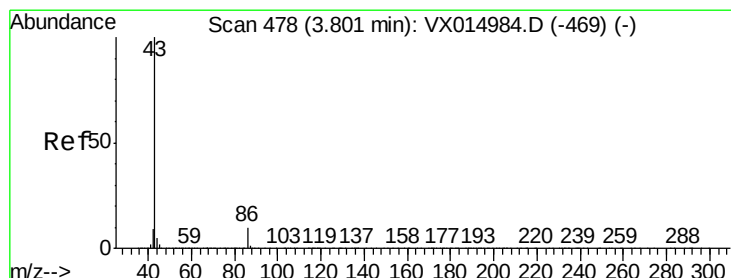
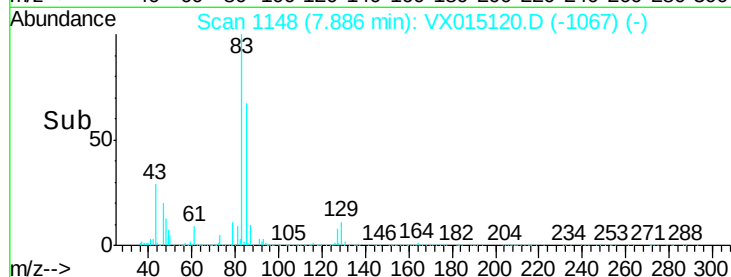
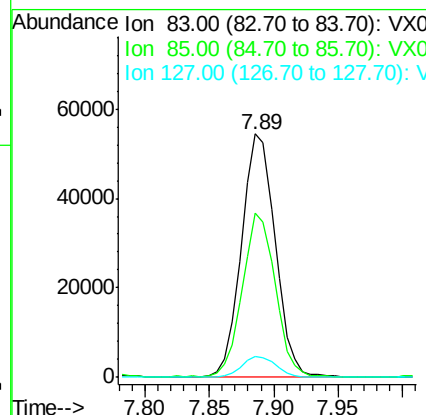
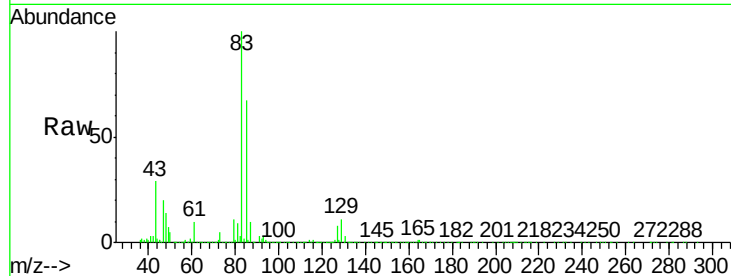
ClientSampleId :

VX0306WBS01

Tot Ion:	83	Resp:	98986
Ion Ratio	Lower	Upper	
83	100		
85	66.8	51.0	76.4
127	8.1	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#42

Vinyl Acetate

Concen: 103.353 ug/l

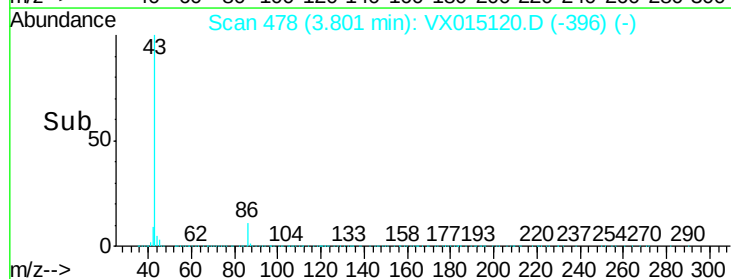
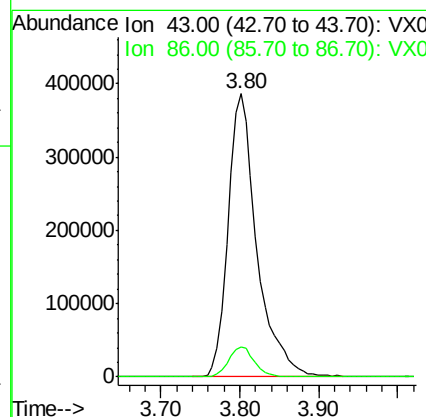
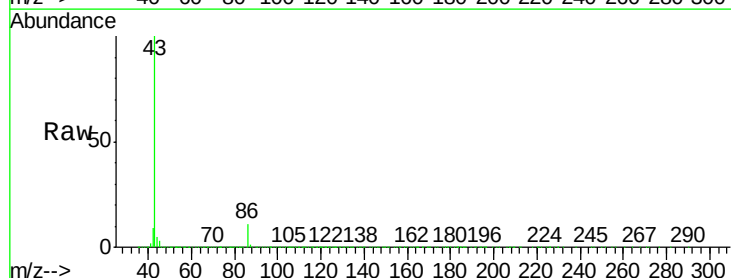
RT: 3.80 min Scan# 478

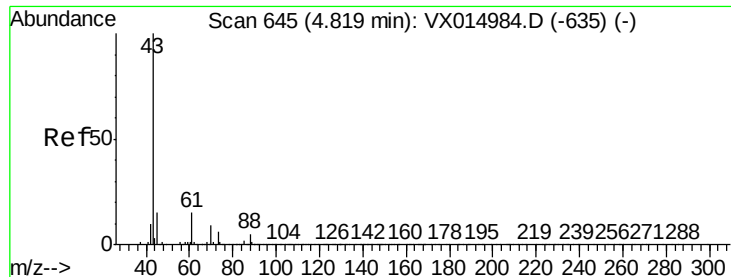
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	43	Resp:	980432
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.6	11.4





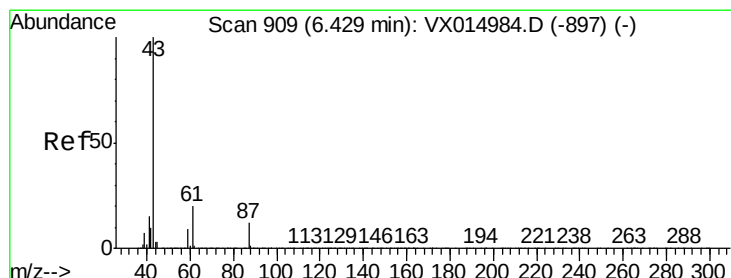
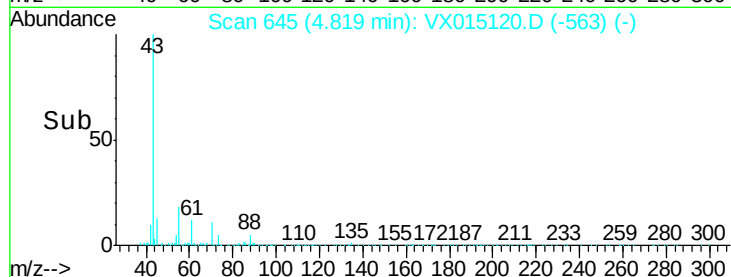
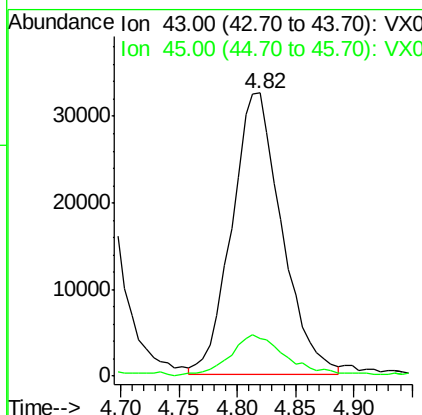
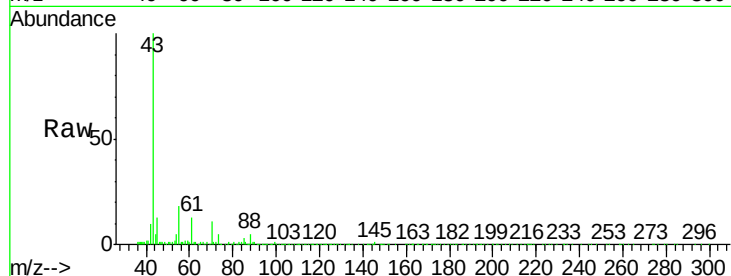
#43
Ethyl Acetate
Concen: 19.828 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
45	16.8	10.8	16.2#

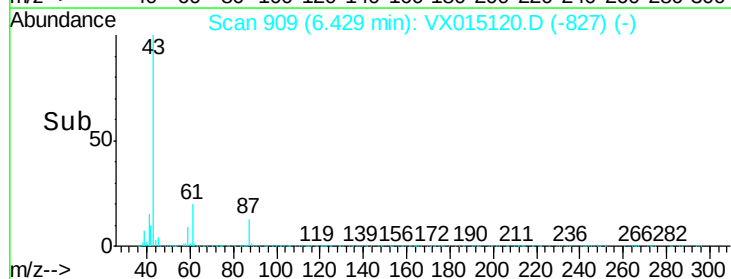
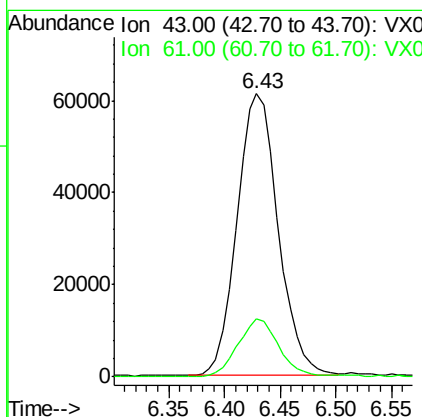
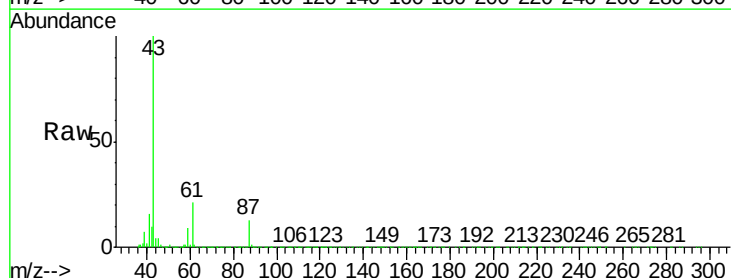
Manual Integrations
APPROVED

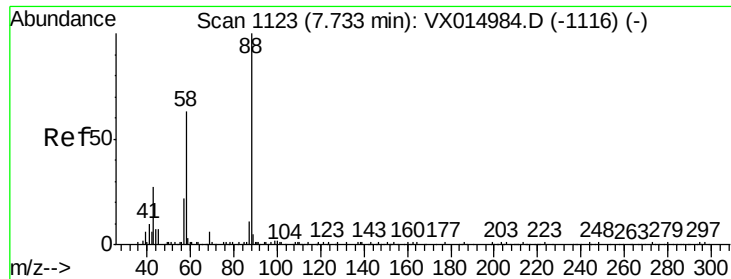
MMDadoda
3/9/2020 9:36:32 AM



#44
Isopropyl Acetate
Concen: 19.165 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.6	23.4





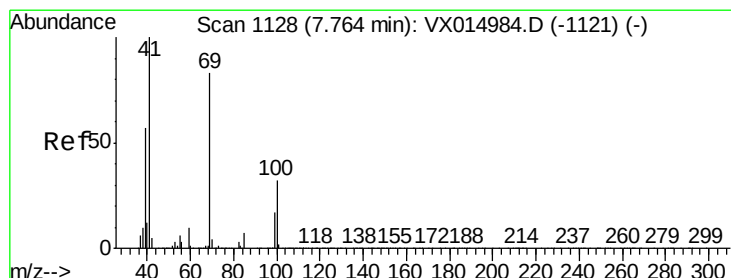
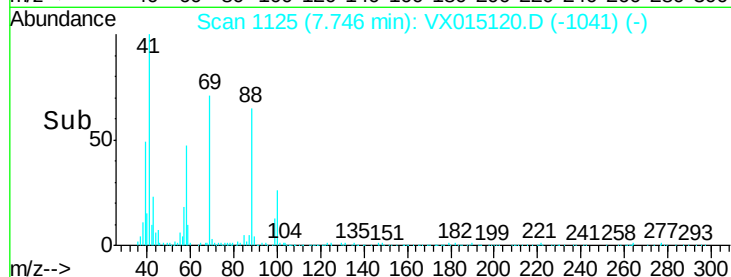
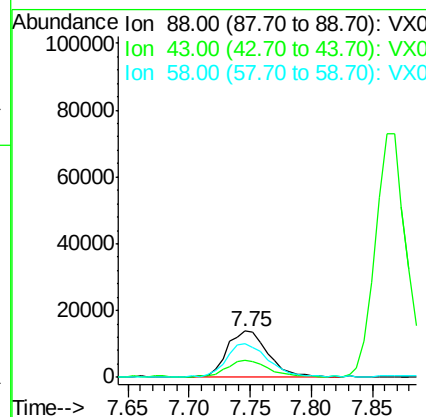
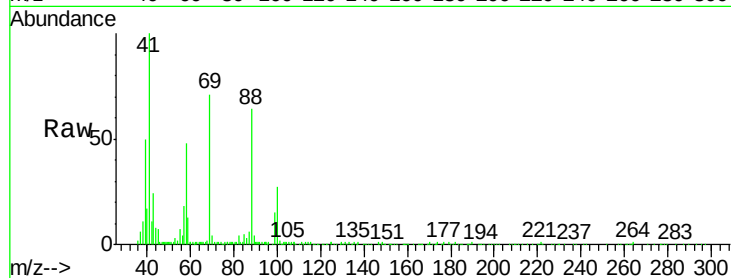
#45
1,4-Dioxane
Concen: 424.658 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.3	25.4	38.2
58	71.9	55.8	83.8

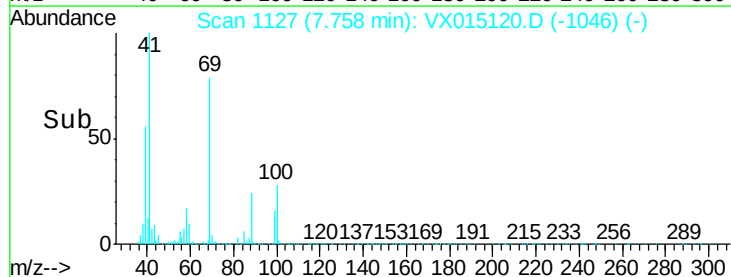
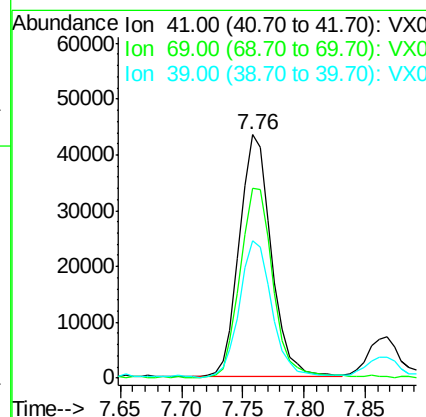
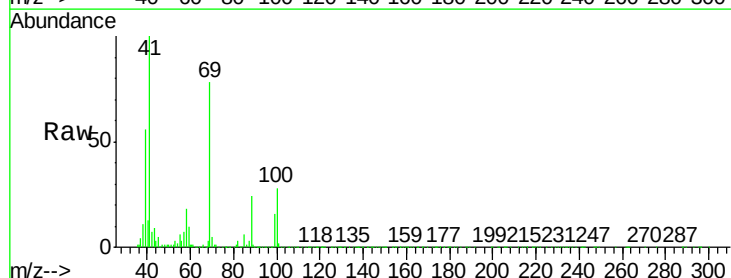
Manual Integrations
APPROVED

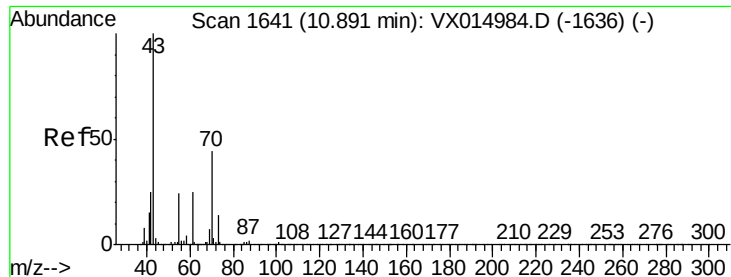
MMDadoda
3/9/2020 9:36:32 AM



#46
Methyl methacrylate
Concen: 19.449 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.1	41.4	124.2
39	55.7	28.3	84.9





#47

n-amvl Acetate

Concen: 18.875 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion: 43 Resp: 134043

Ion Ratio Lower Upper

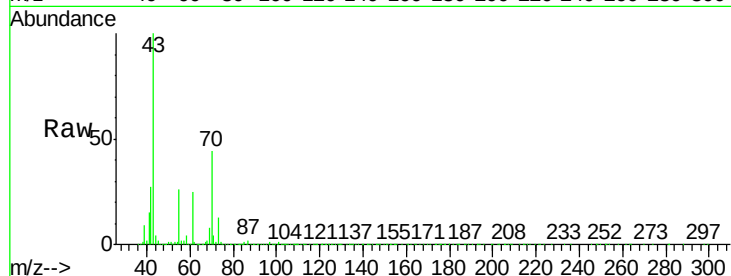
43 100

55 24.4 19.2 28.8

Manual Integrations
APPROVED

MMDadoda

3/9/2020 9:36:32 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

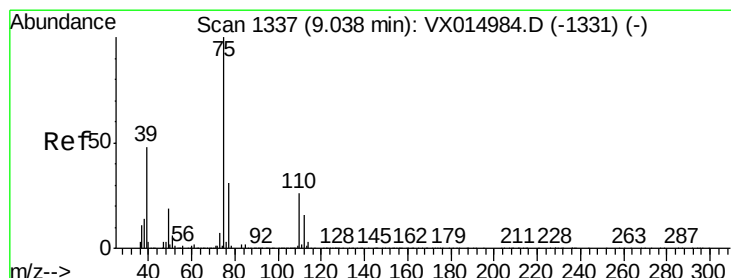
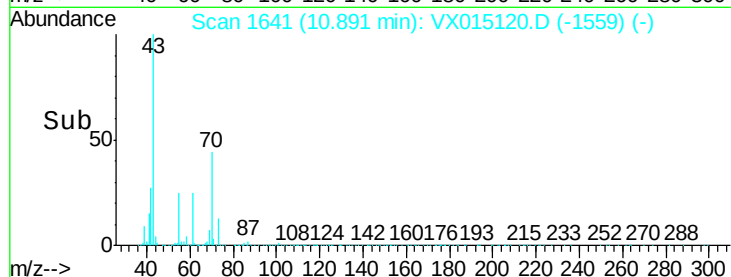
40000

20000

0

10.89

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.915 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015120.D

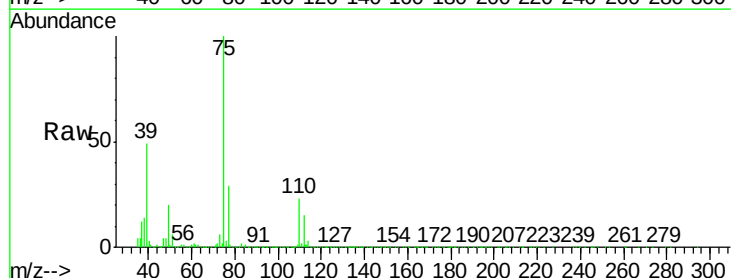
Acq: 06 Mar 2020 12:27

Tgt Ion: 75 Resp: 105698

Ion Ratio Lower Upper

75 100

77 29.1 24.6 36.8



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

80000

60000

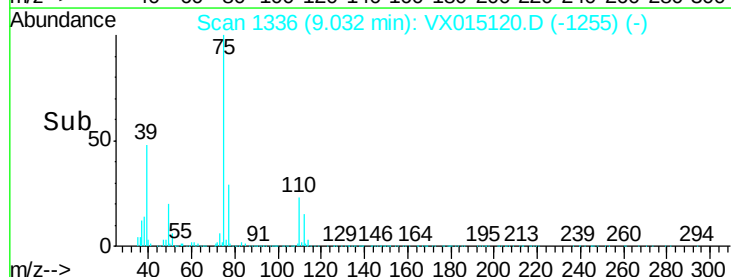
40000

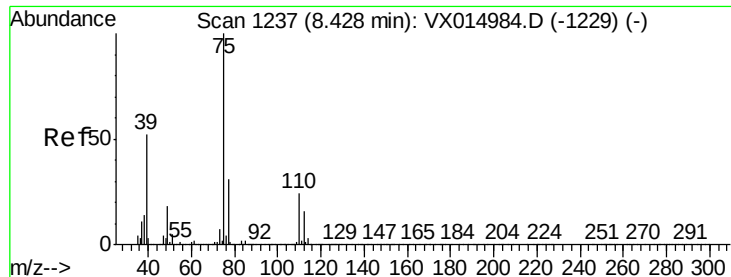
20000

0

9.03

Time-->





#49

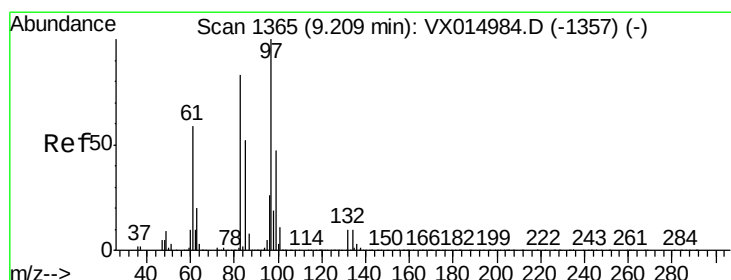
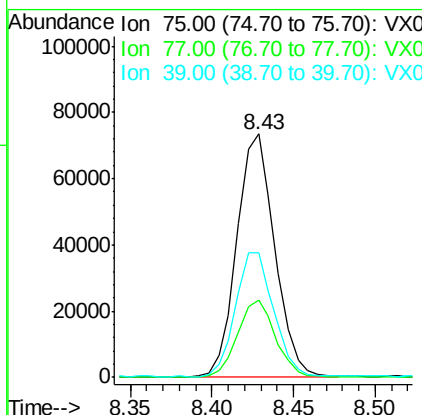
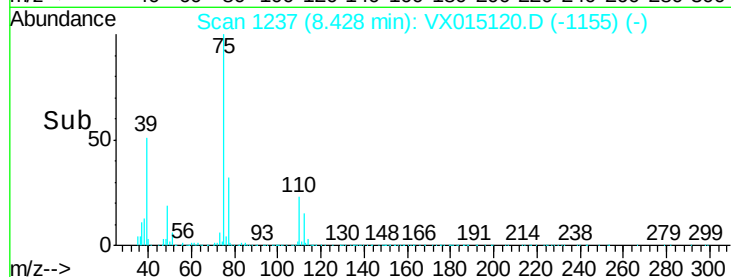
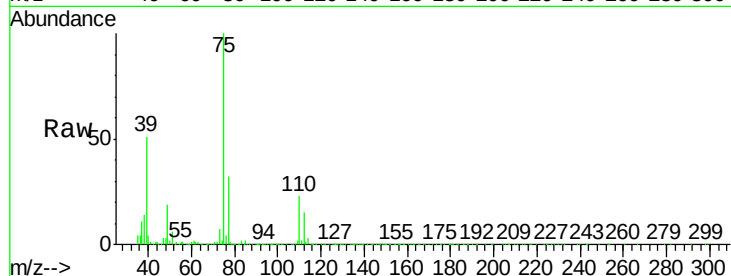
cis-1,3-Dichloropropene
Concen: 20.395 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion:	75	Resp:	119167
Ion Ratio		Lower	Upper
75	100		
77	31.5	24.6	36.8
39	51.1	41.5	62.3

Manual Integrations
APPROVED

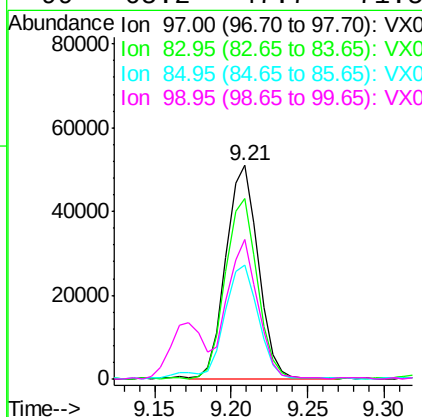
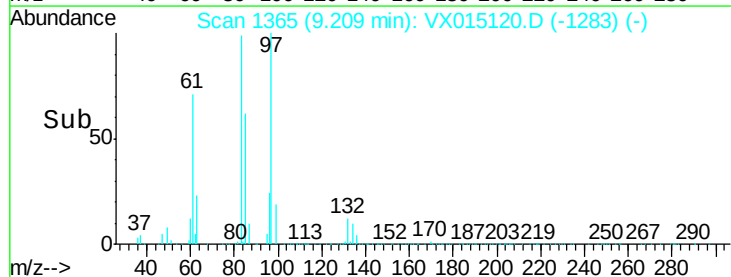
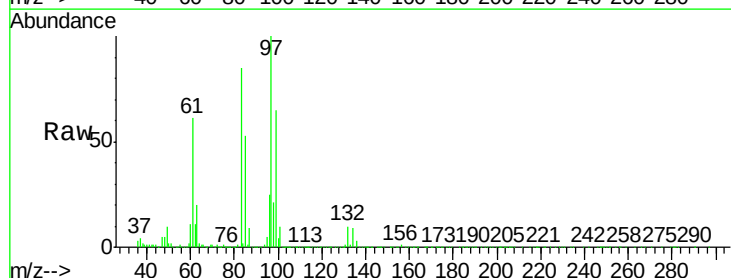
MMDadoda
3/9/2020 9:36:32 AM

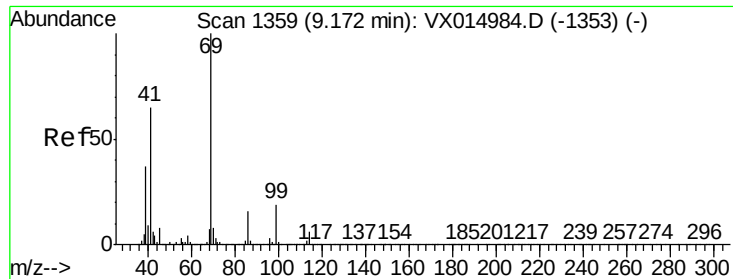


#50

1,1,2-Trichloroethane
Concen: 20.697 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion:	97	Resp:	74674
Ion Ratio		Lower	Upper
97	100		
83	84.8	66.2	99.2
85	53.0	42.4	63.6
99	65.2	47.7	71.5





#51

Ethyl methacrylate

Concen: 19.243 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

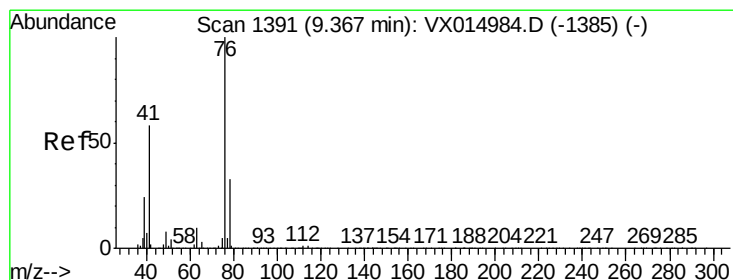
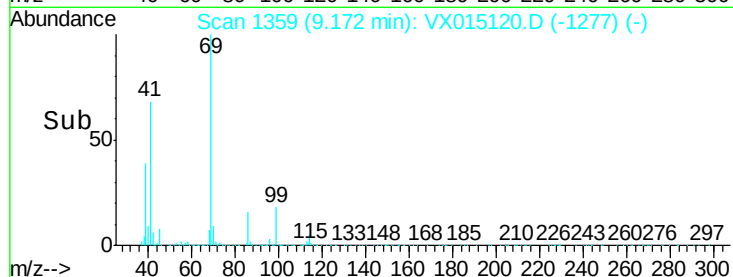
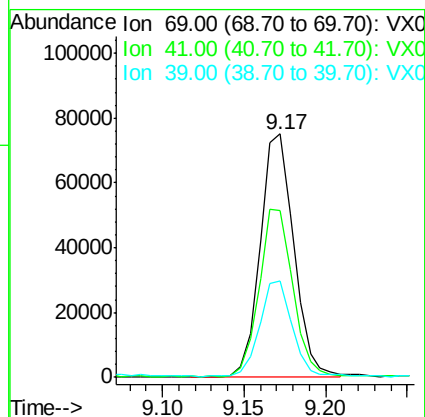
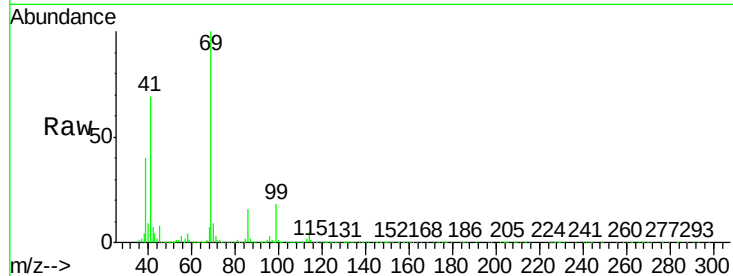
ClientSampleId :

VX0306WBS01

Tot Ion:	69	Resp:	107157
Ion Ratio	Lower	Upper	
69	100		
41	67.9	32.7	98.1
39	39.3	18.2	54.6

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#52

1,3-Dichloropropane

Concen: 21.227 ug/l

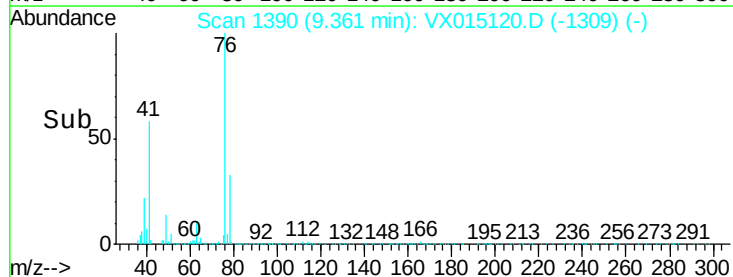
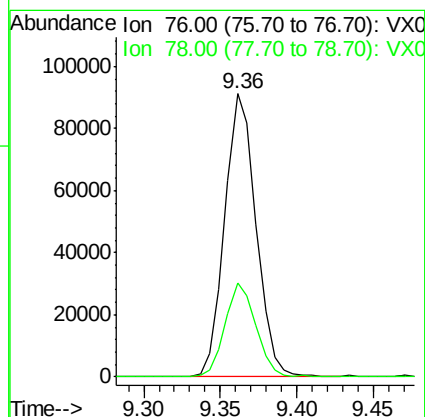
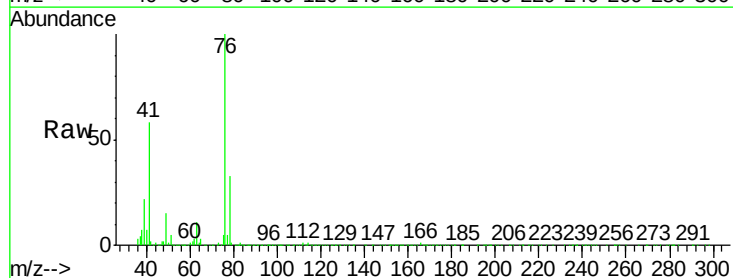
RT: 9.36 min Scan# 1390

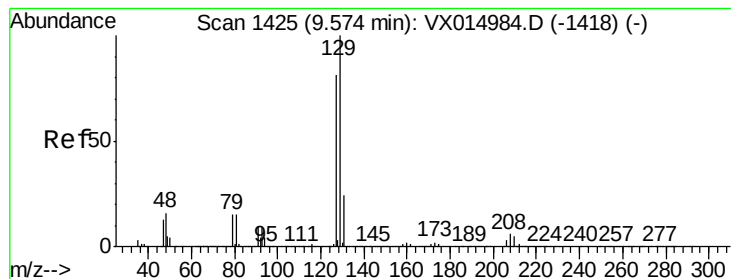
Delta R.T. -0.01 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	76	Resp:	129558
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	65.0





#53

Dibromochloromethane

Concen: 20.380 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion:129 Resp: 79498

Ion Ratio Lower Upper

129 100

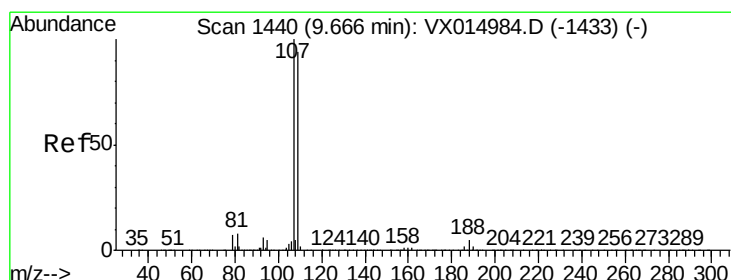
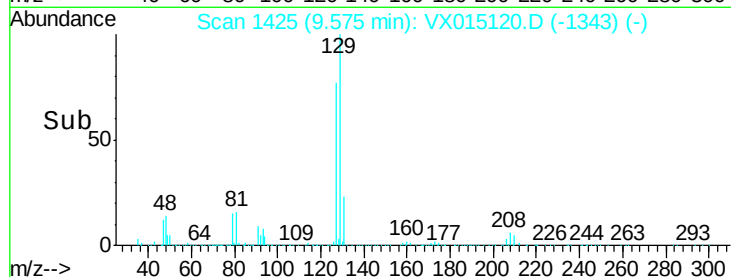
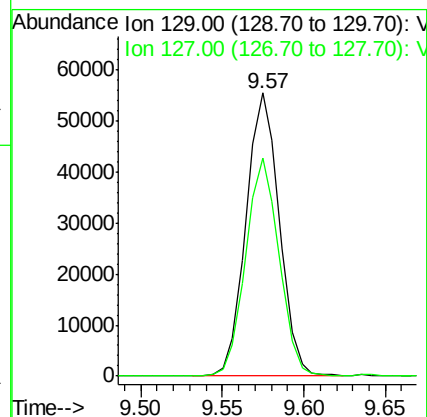
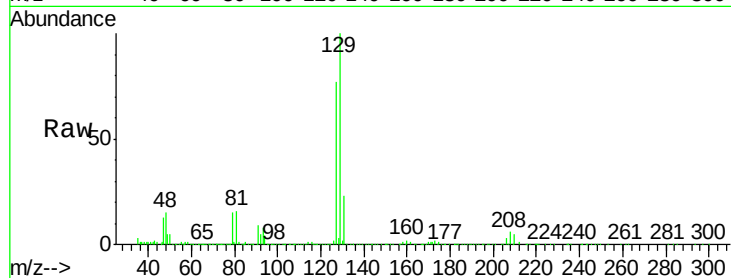
127 76.8 38.3 114.9

Manual Integrations

APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#54

1,2-Dibromoethane

Concen: 20.333 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX015120.D

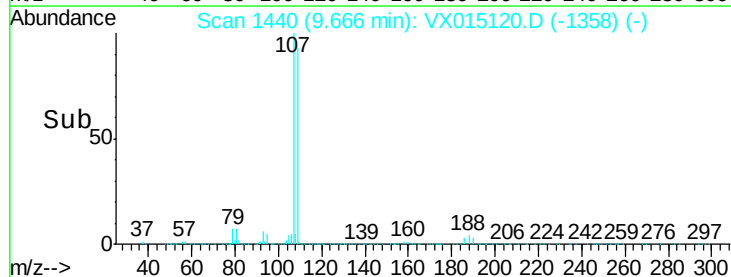
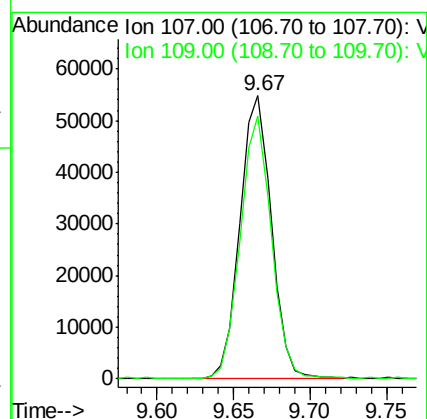
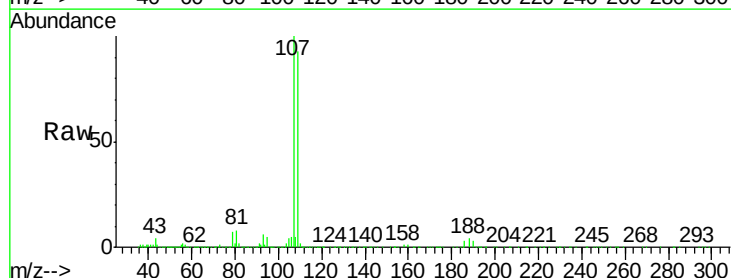
Acq: 06 Mar 2020 12:27

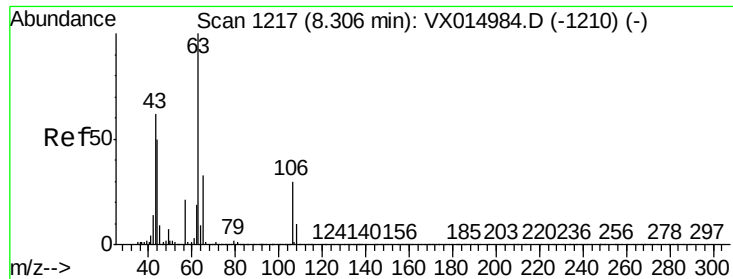
Tgt Ion:107 Resp: 77887

Ion Ratio Lower Upper

107 100

109 92.1 76.3 114.5





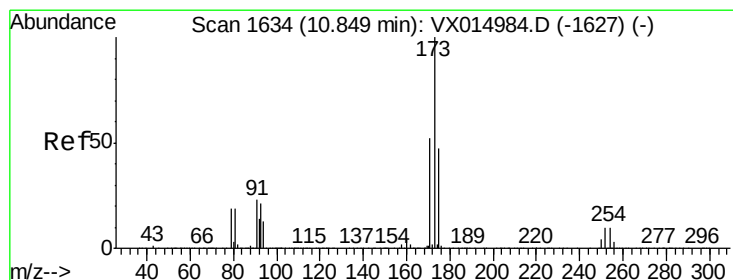
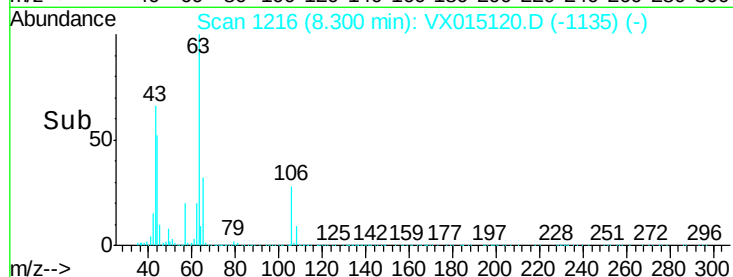
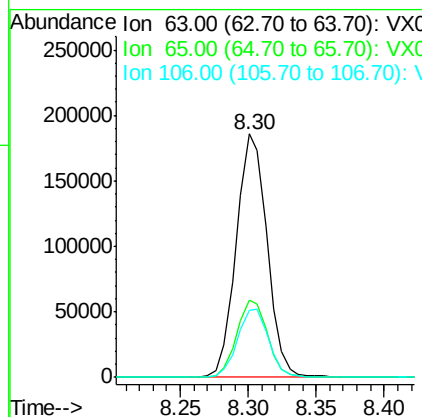
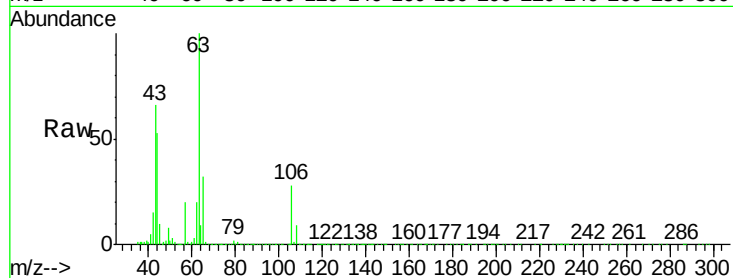
#55
2-Chloroethyl vinyl ether
Concen: 98.582 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	26.0	39.0
106	28.7	23.9	35.9

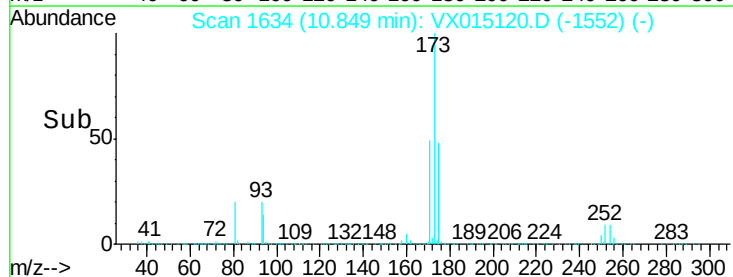
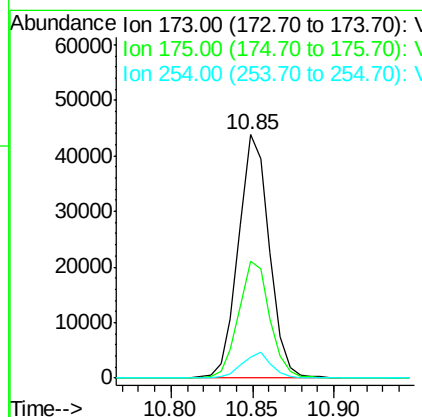
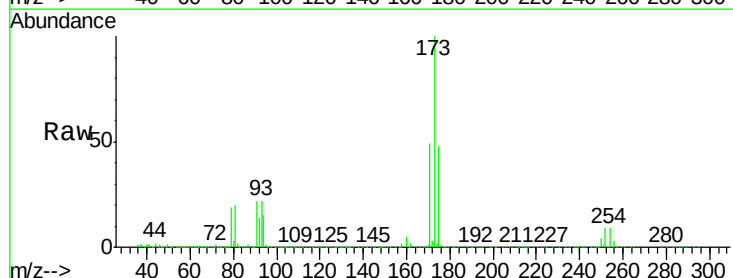
Manual Integrations
APPROVED

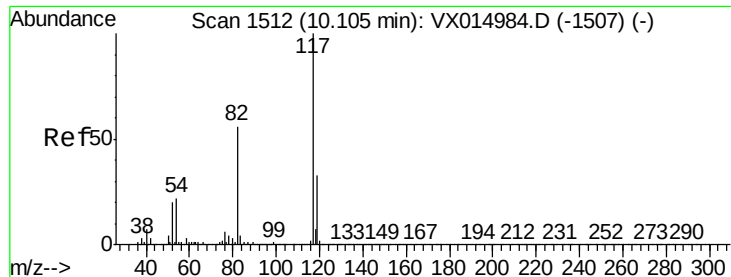
MMDadoda
3/9/2020 9:36:32 AM



#56
Bromoform
Concen: 18.914 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.9	38.6	57.8
254	10.1	8.6	13.0





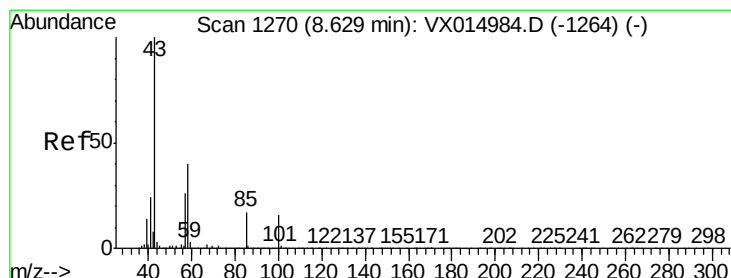
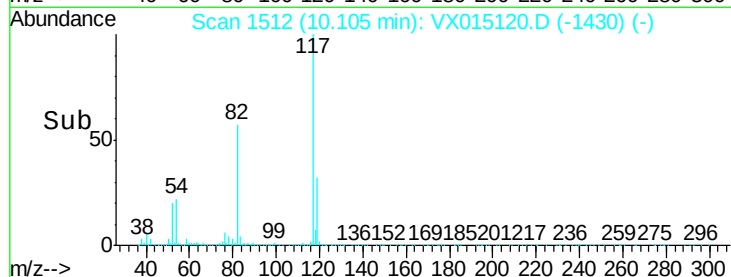
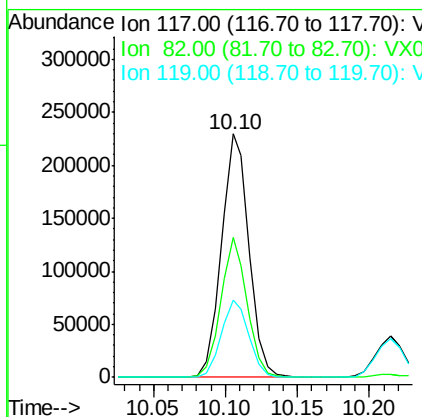
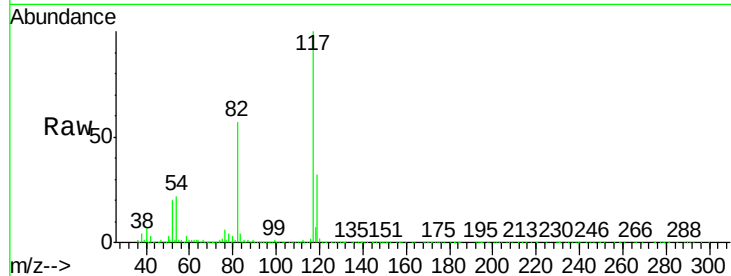
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	43.4	65.2
119	32.0	26.0	39.0

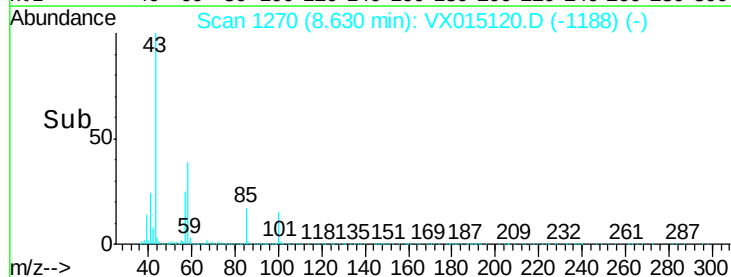
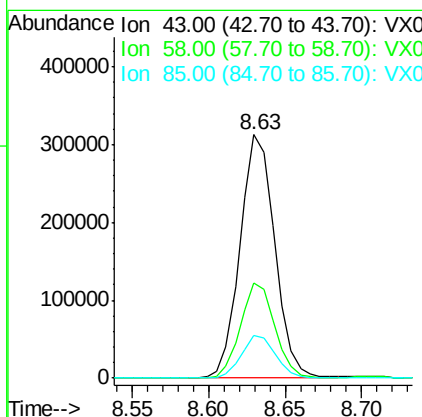
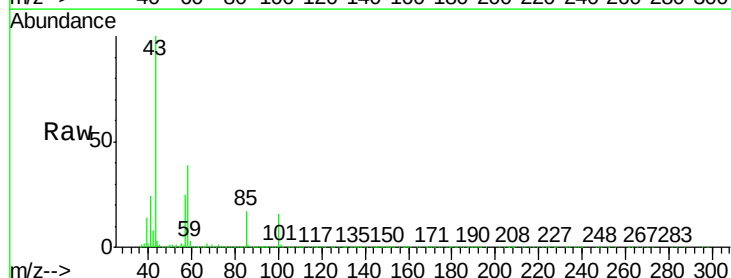
Manual Integrations
APPROVED

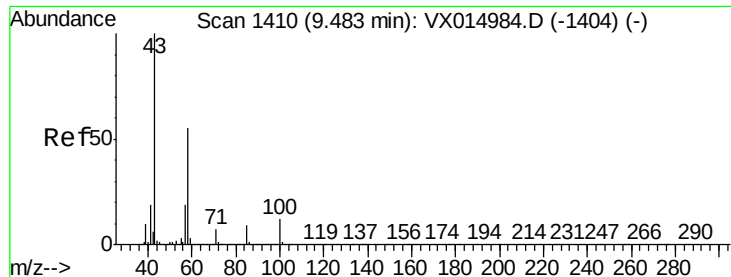
MMDadoda
3/9/2020 9:36:32 AM



#58
4-Methyl-2-Pentanone
Concen: 97.515 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
43	100		
58	38.7	31.7	47.5
85	17.5	14.4	21.6





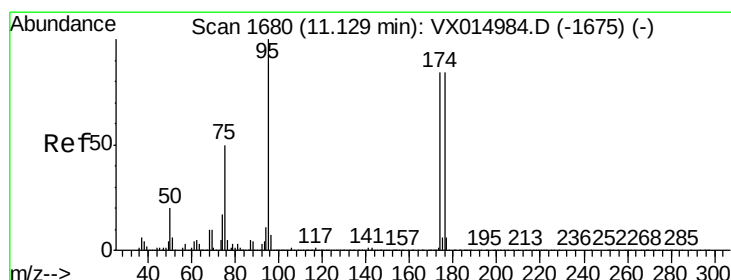
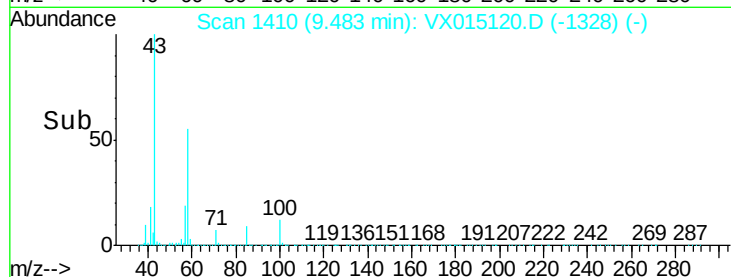
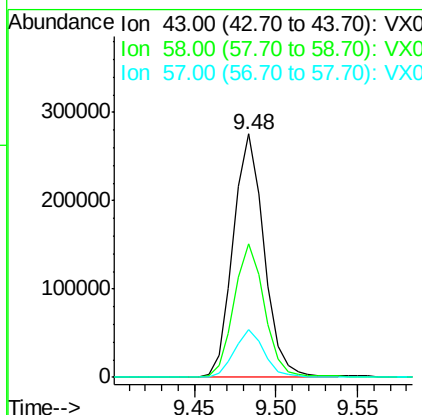
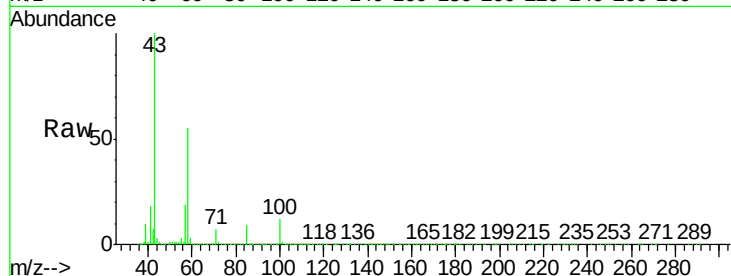
#59
2-Hexanone
Concen: 92.344 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.9	44.1	66.1
57	18.9	15.3	22.9

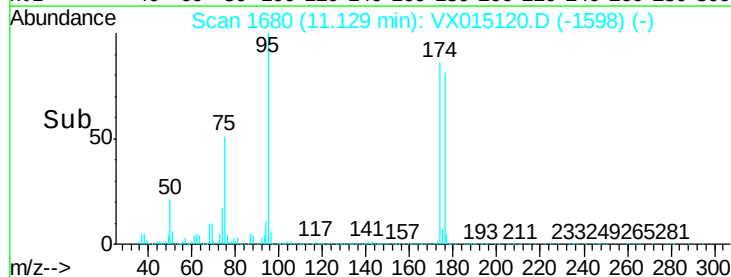
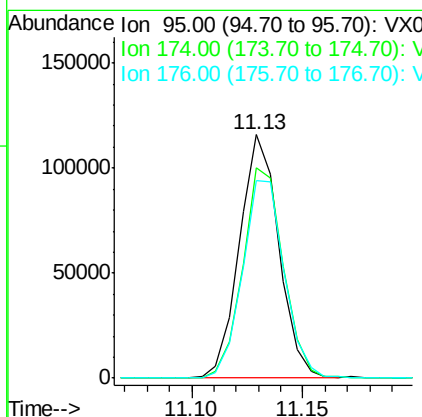
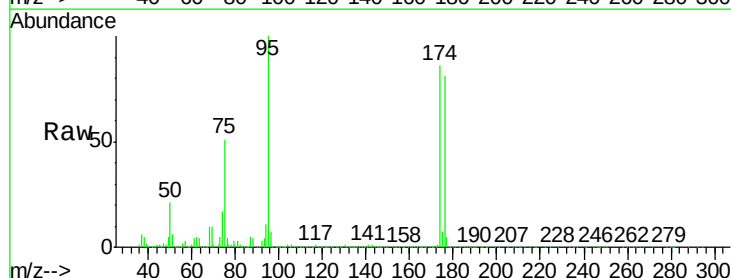
Manual Integrations
APPROVED

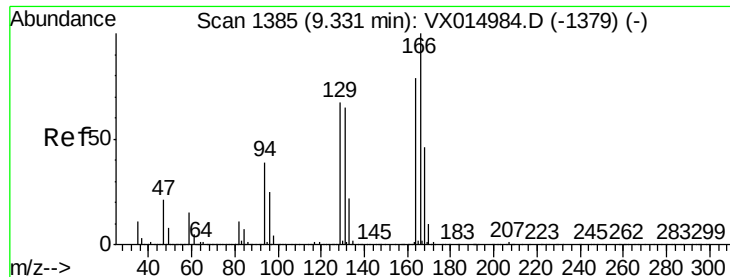
MMDadoda
3/9/2020 9:36:32 AM



#60
4-Bromofluorobenzene
Concen: 29.871 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	72.3	108.5
176	86.6	72.0	108.0





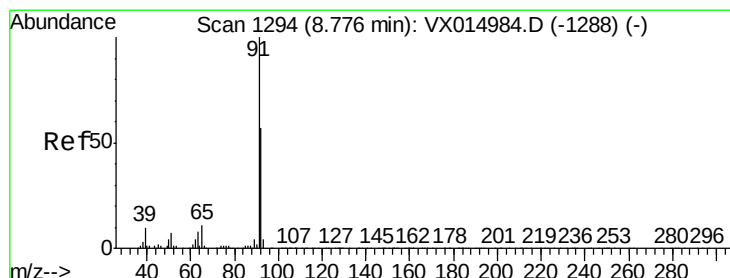
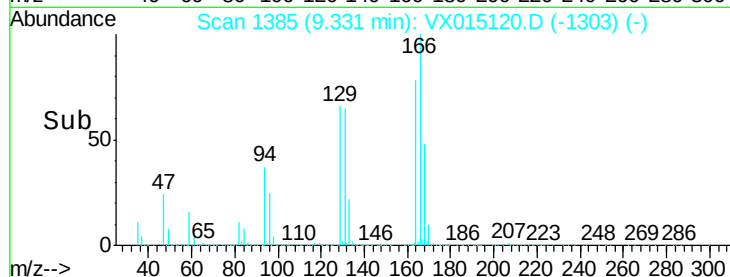
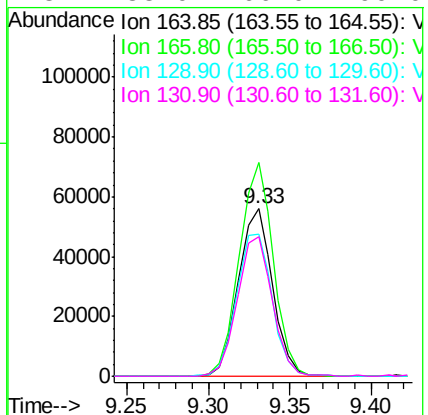
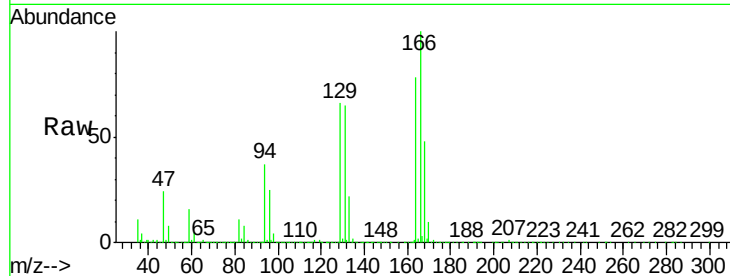
#61
Tetrachloroethene
Concen: 19.753 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
164	100		
166	127.5	101.2	151.8
129	84.3	67.6	101.4
131	83.0	66.0	99.0

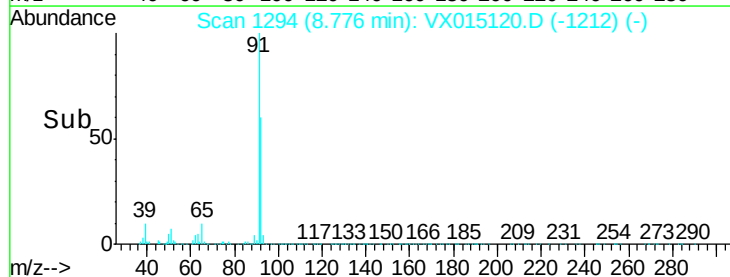
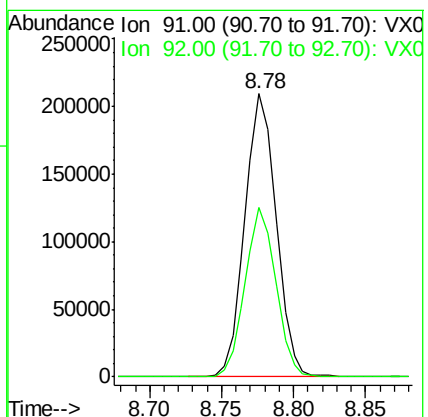
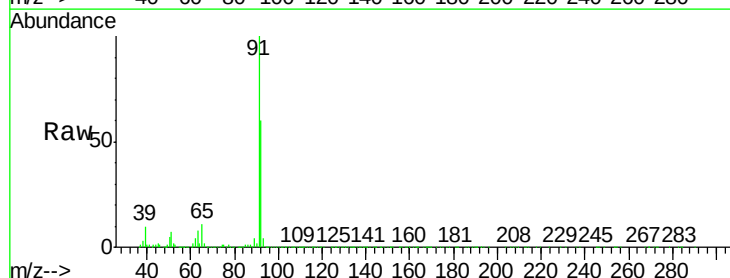
Manual Integrations
APPROVED

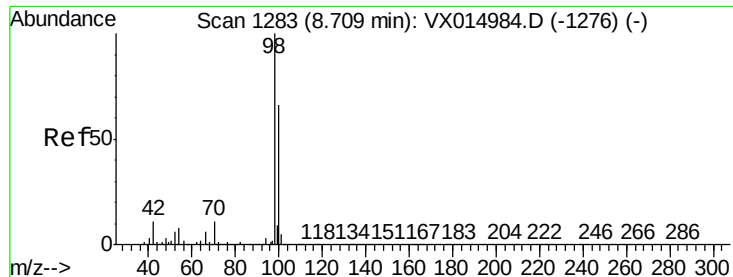
MMDadoda
3/9/2020 9:36:32 AM



#62
Toluene
Concen: 20.071 ug/l
RT: 8.78 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.9	46.6	69.8





#63

Toluene-d8

Concen: 30.225 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion: 98 Resp: 405426

Ion Ratio Lower Upper

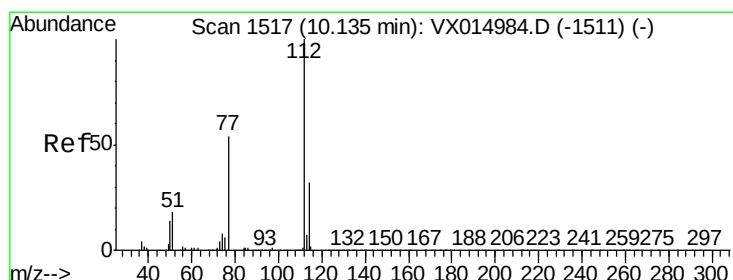
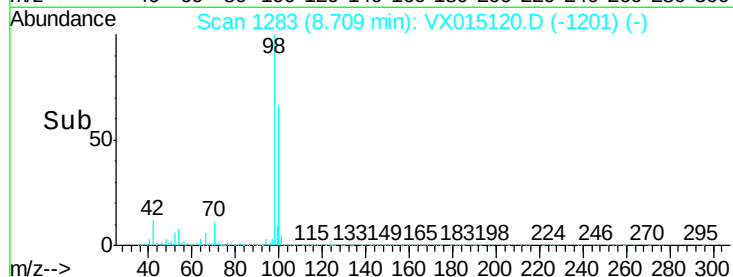
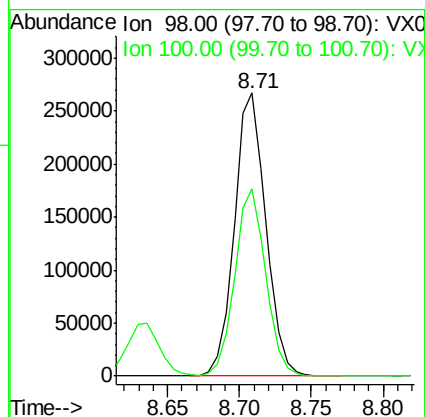
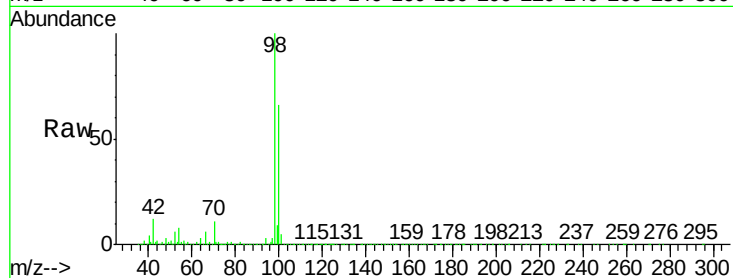
98 100

100 65.0 52.8 79.2

Manual Integrations
APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#64

Chlorobenzene

Concen: 20.093 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015120.D

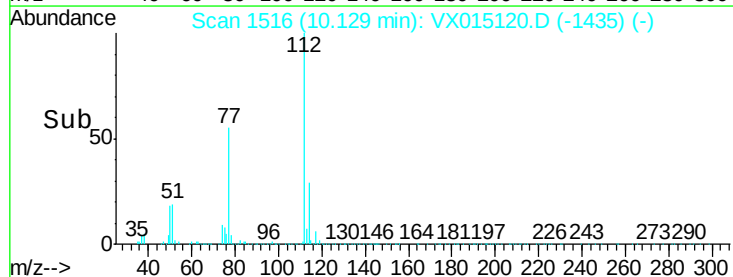
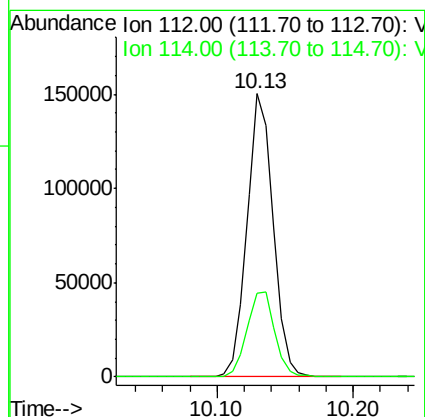
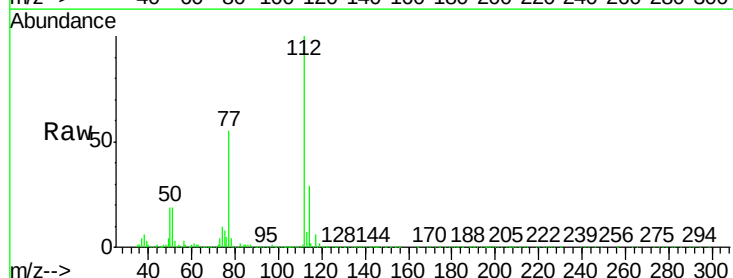
Acq: 06 Mar 2020 12:27

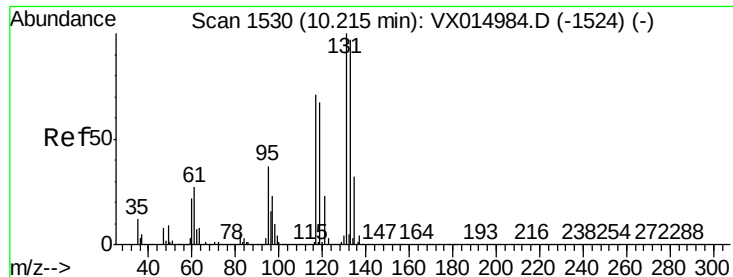
Tgt Ion: 112 Resp: 202064

Ion Ratio Lower Upper

112 100

114 29.4 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.876 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

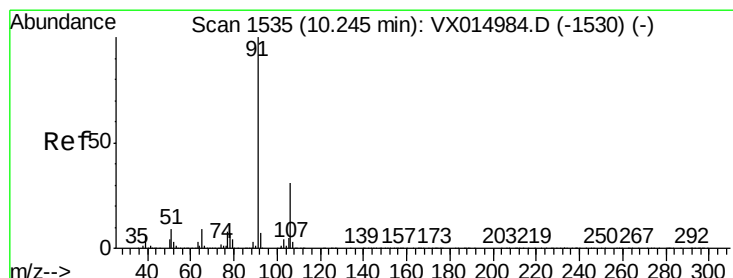
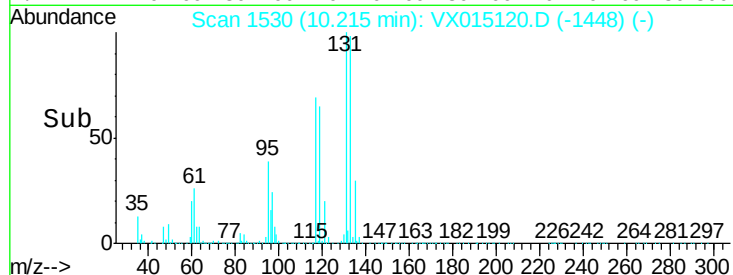
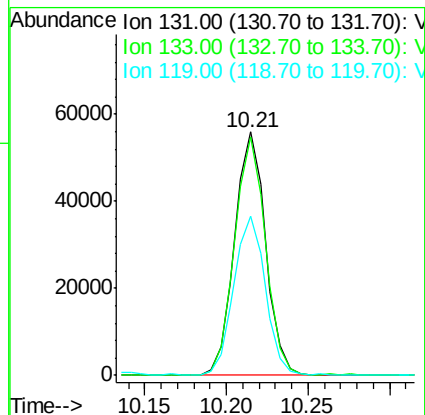
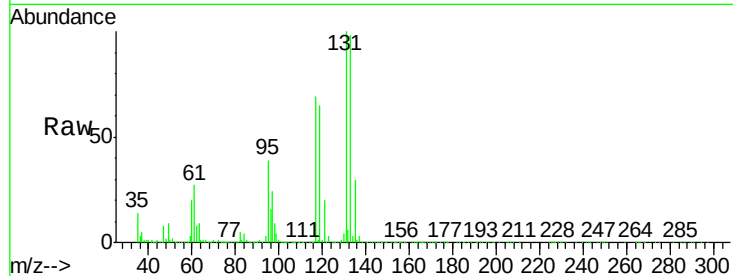
ClientSampleId :

VX0306WBS01

Tot Ion:	131	Resp:	74038
Ion Ratio	Lower	Upper	
131	100		
133	96.9	0.0	191.4
119	66.1	0.0	132.0

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#66

Ethyl Benzene

Concen: 19.687 ug/l

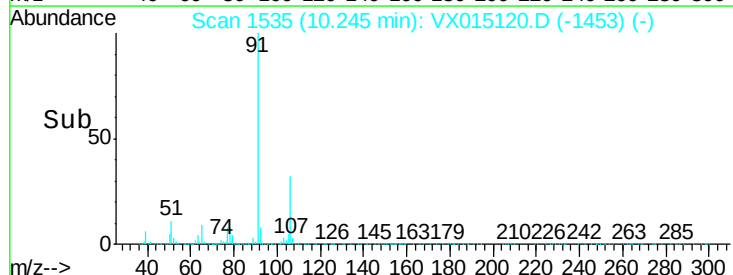
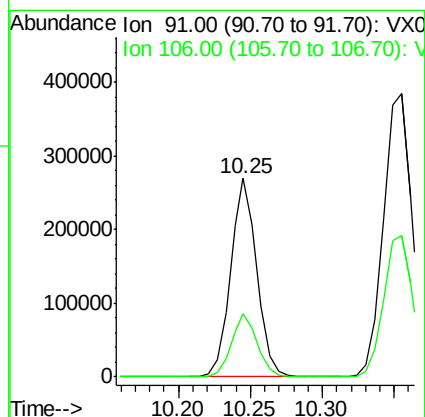
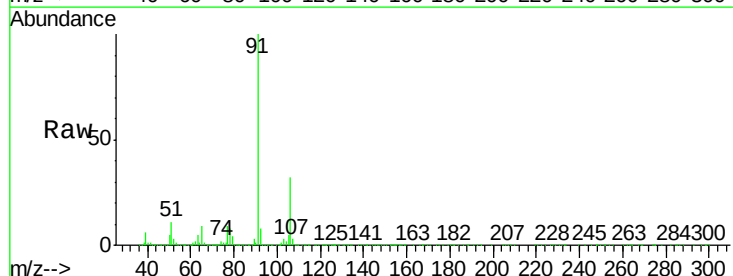
RT: 10.25 min Scan# 1535

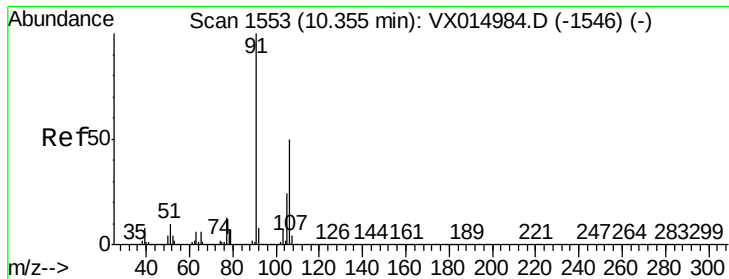
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	91	Resp:	341675
Ion Ratio	Lower	Upper	
91	100		
106	31.6	24.7	37.1





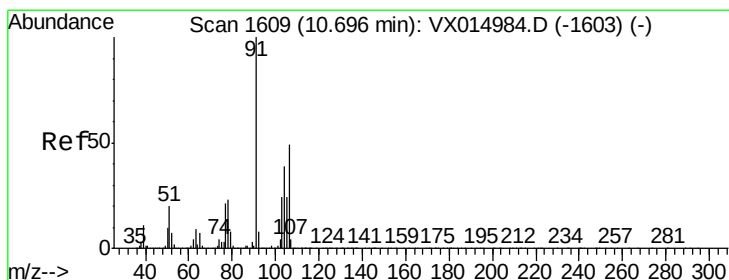
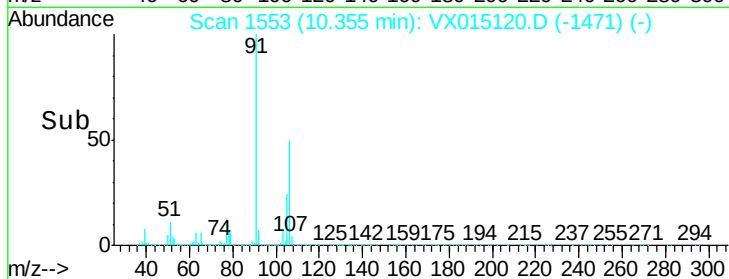
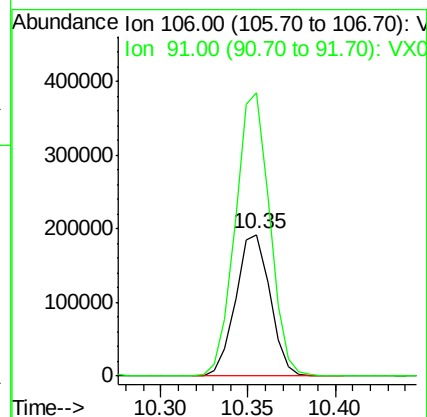
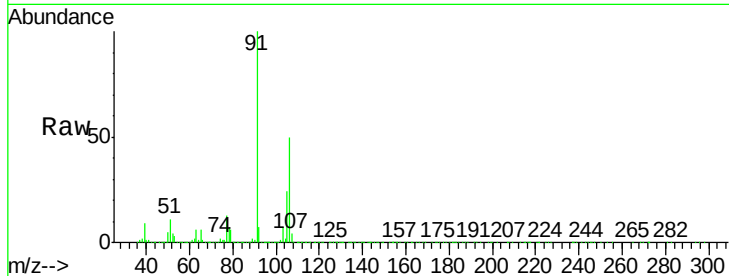
#67
m/p-Xylenes
Concen: 39.428 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion:106 Resp: 263862
Ion Ratio Lower Upper
106 100
91 199.5 160.4 240.6

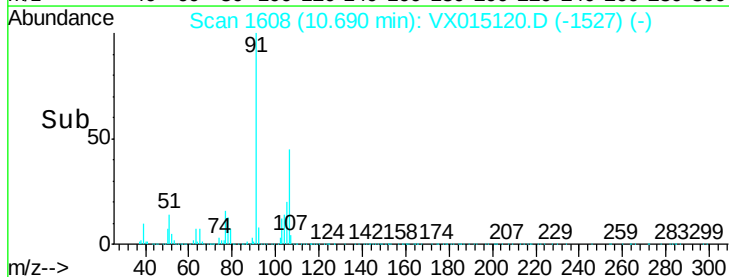
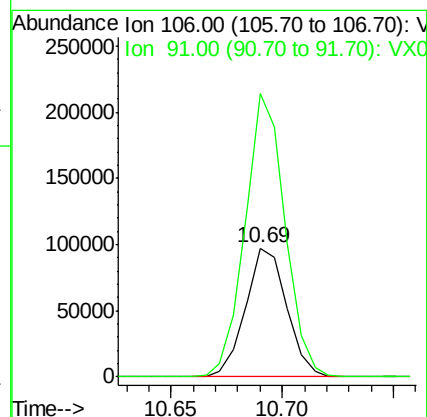
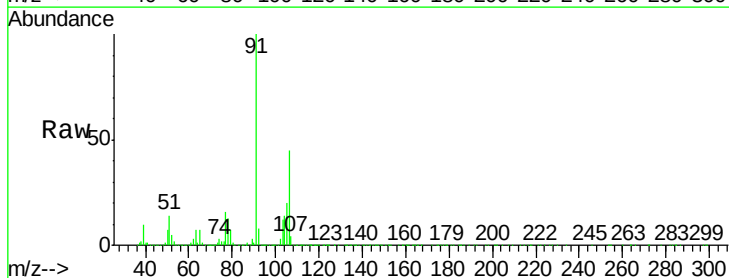
Manual Integrations
APPROVED

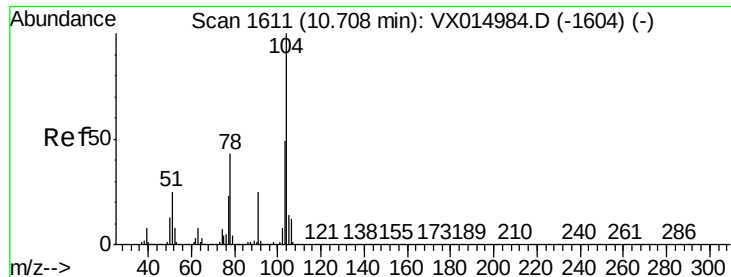
MMDadoda
3/9/2020 9:36:32 AM



#68
o-Xylene
Concen: 19.271 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion:106 Resp: 124787
Ion Ratio Lower Upper
106 100
91 213.8 105.3 315.9





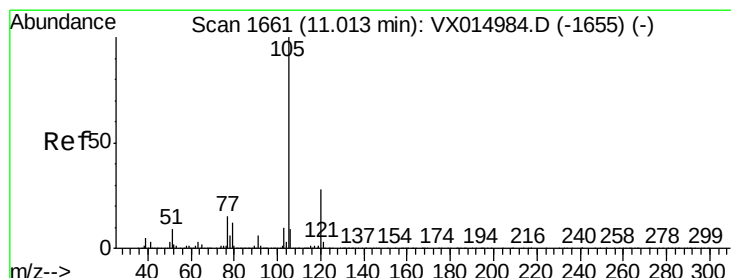
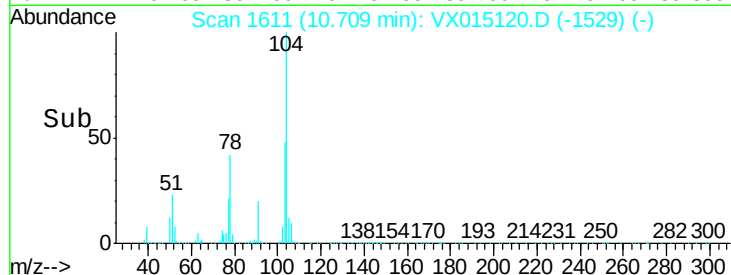
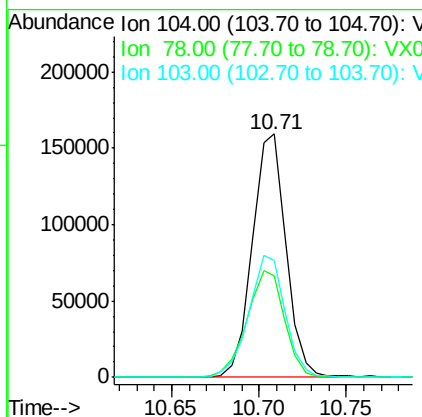
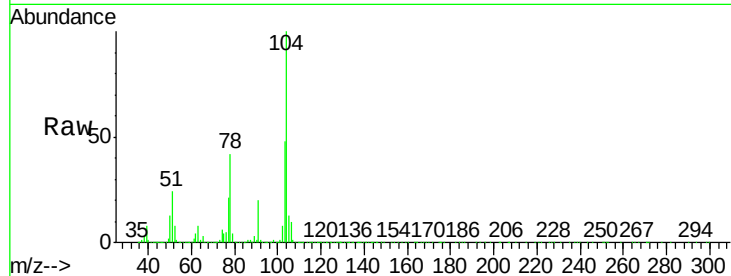
#69
Stvrene
Concen: 19.358 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
104	100		214087		
78	49.3	39.4	59.2		
103	53.8	42.9	64.3		

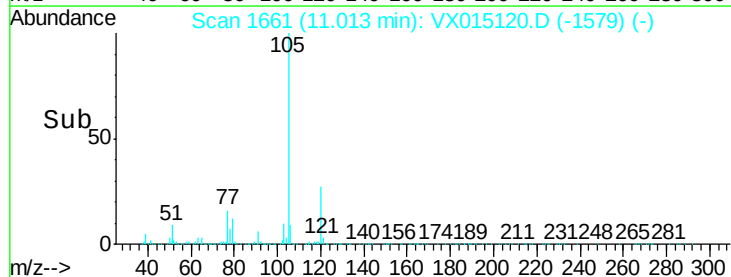
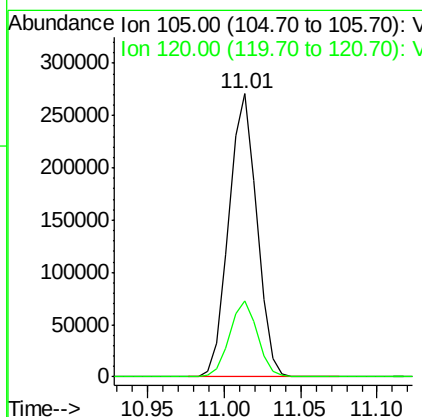
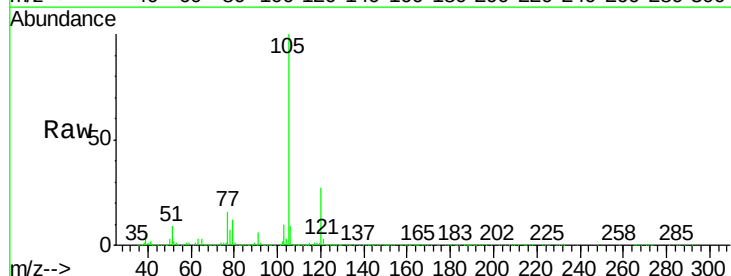
Manual Integrations
APPROVED

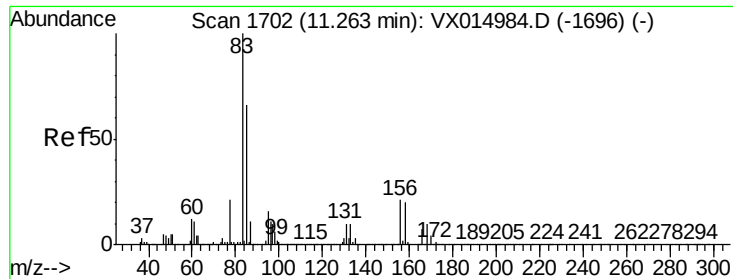
MMDadoda
3/9/2020 9:36:32 AM



#70
Isopropylbenzene
Concen: 20.027 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		344471		
120	26.8	18.8	35.0		





#71

1,1,2,2-Tetrachloroethane

Concen: 19.921 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

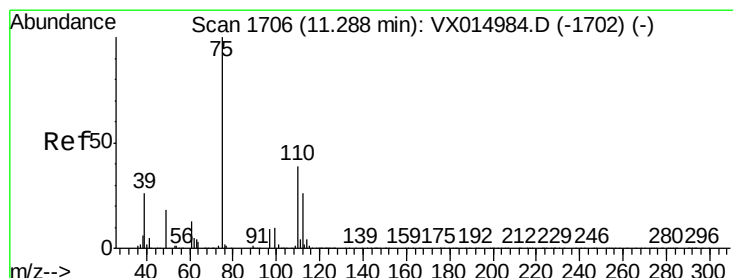
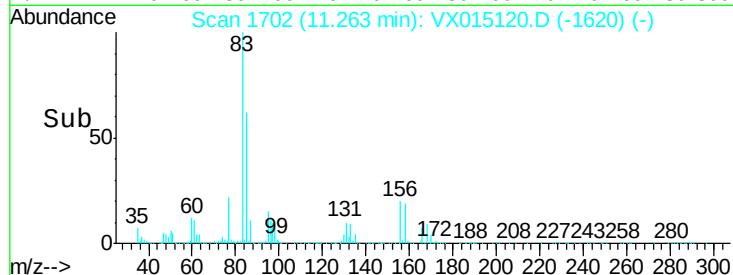
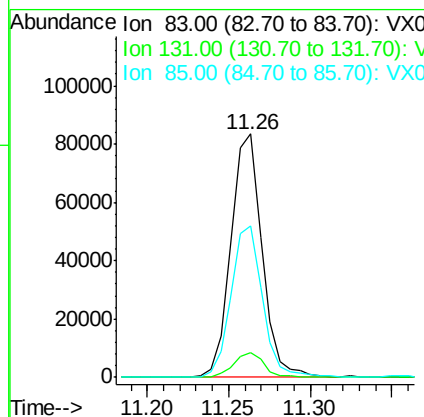
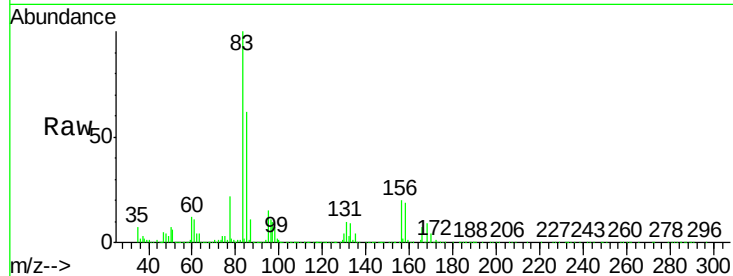
ClientSampleId :

VX0306WBS01

Tot Ion:	83	Resp:	110321
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.1	15.4
85	62.4	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#72

1,2,3-Trichloropropane

Concen: 20.204 ug/l m

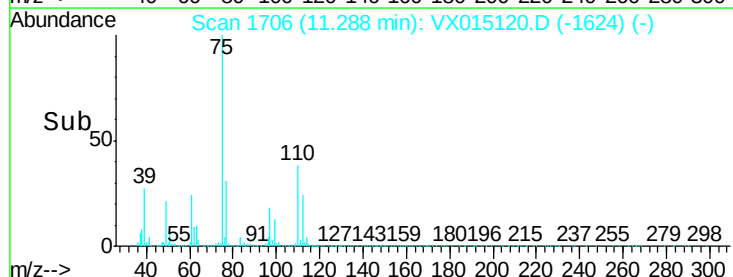
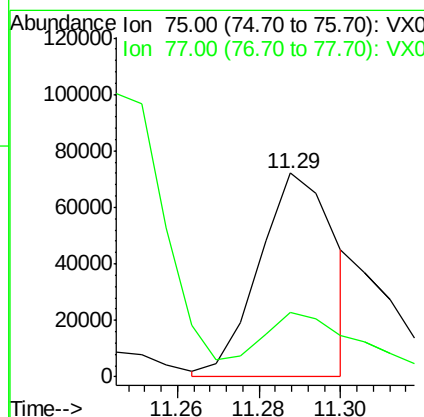
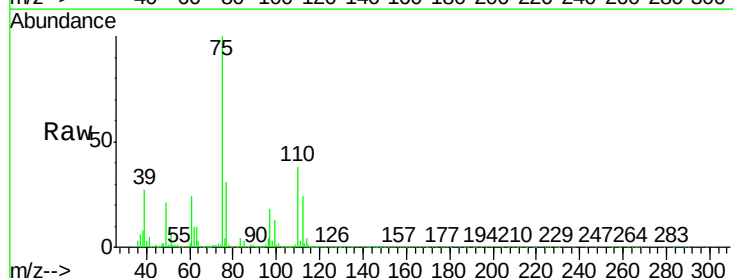
RT: 11.29 min Scan# 1706

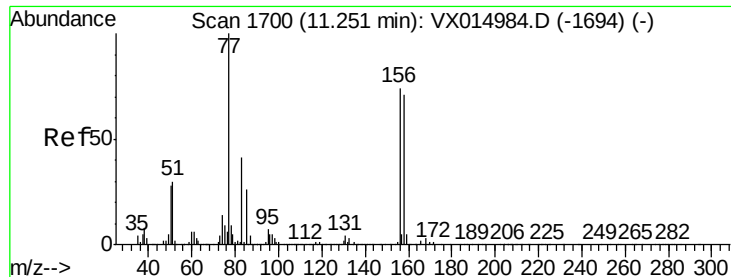
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	75	Resp:	92811
Ion Ratio	Lower	Upper	
75	100		
77	42.0	0.0	75.4





#73

Bromobenzene

Concen: 19.098 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

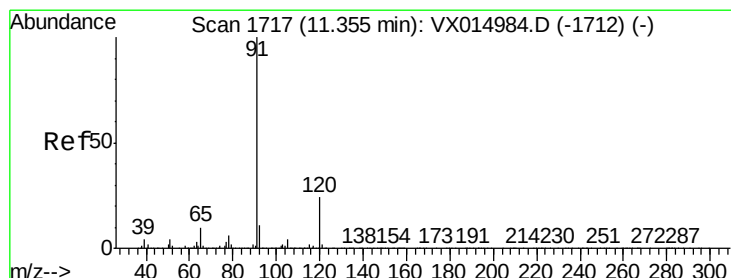
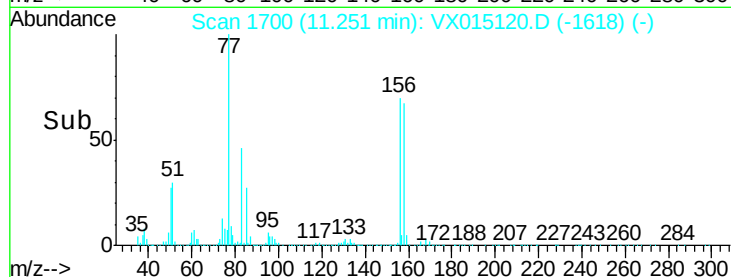
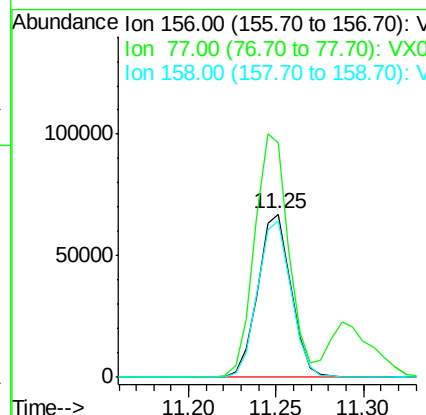
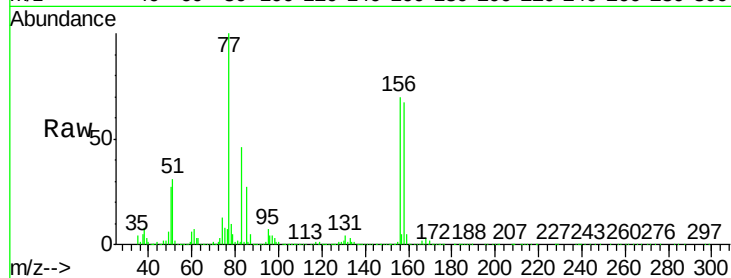
ClientSampled :

VX0306WBS01

Tot Ion:	156	Resp:	88759
Ion Ratio	Lower	Upper	
156	100		
77	151.7	0.0	286.8
158	96.8	0.0	191.8

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#74

n-propylbenzene

Concen: 20.173 ug/l

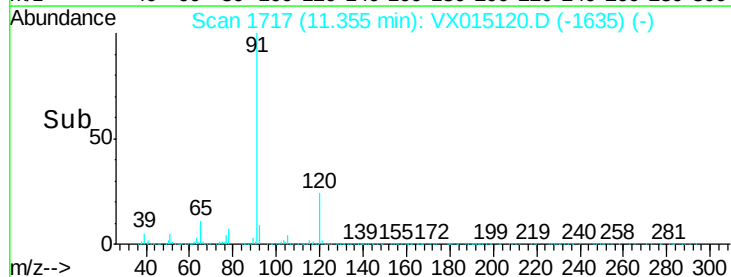
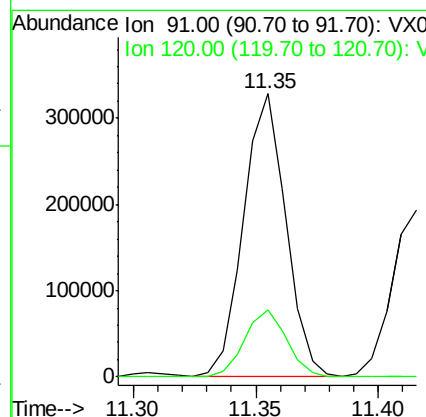
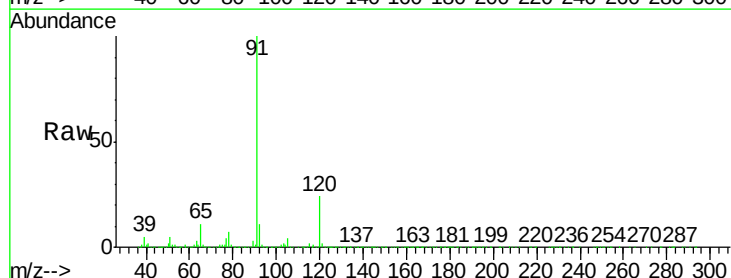
RT: 11.35 min Scan# 1717

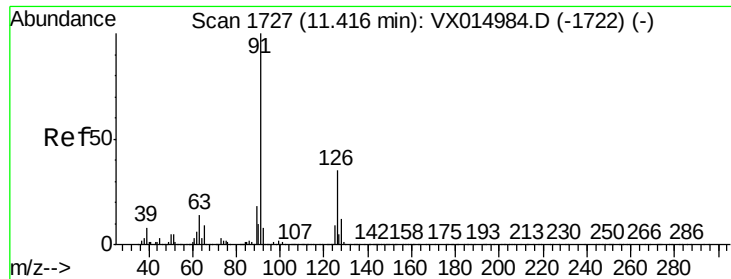
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	91	Resp:	394926
Ion Ratio	Lower	Upper	
91	100		
120	23.4	0.0	47.0





#75

2-Chlorotoluene

Concen: 20.299 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

ClientSampleId :

VX0306WBS01

Tot Ion: 91 Resp: 234832

Ion Ratio Lower Upper

91 100

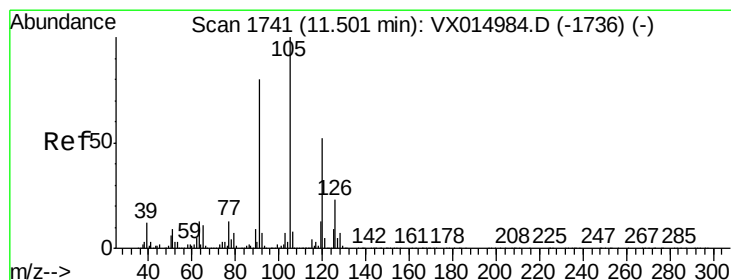
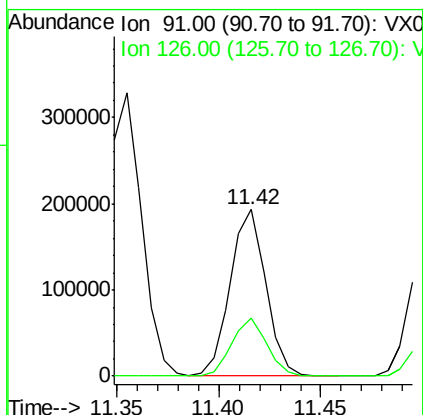
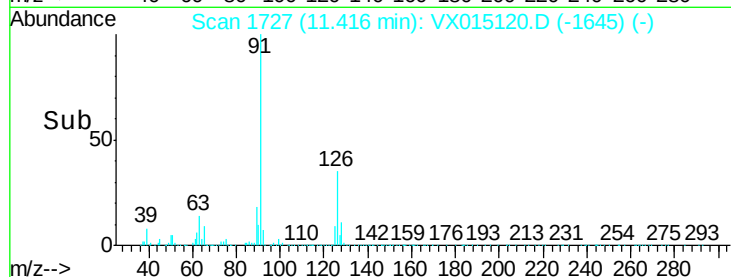
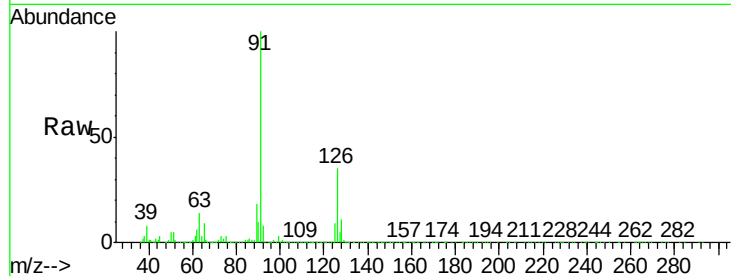
126 34.0 0.0 69.0

Manual Integrations

APPROVED

MMDadoda

3/9/2020 9:36:32 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.963 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015120.D

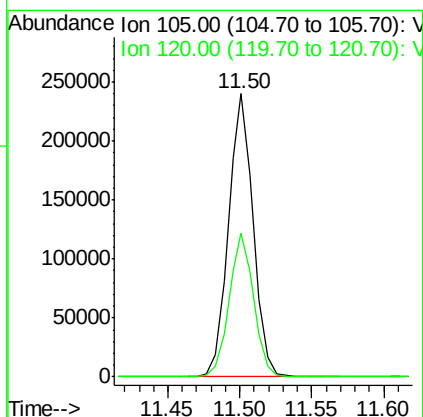
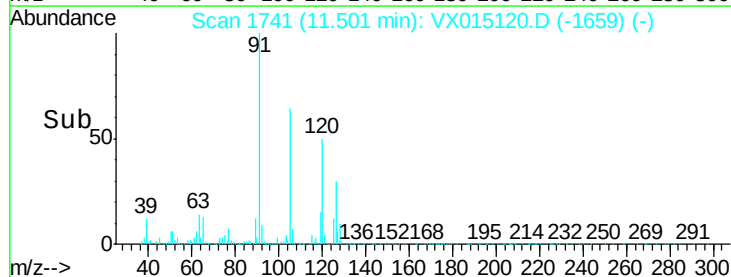
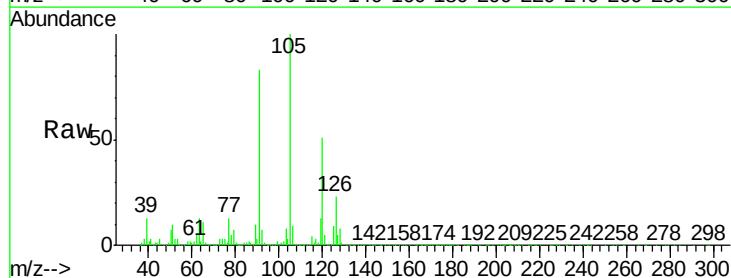
Acq: 06 Mar 2020 12:27

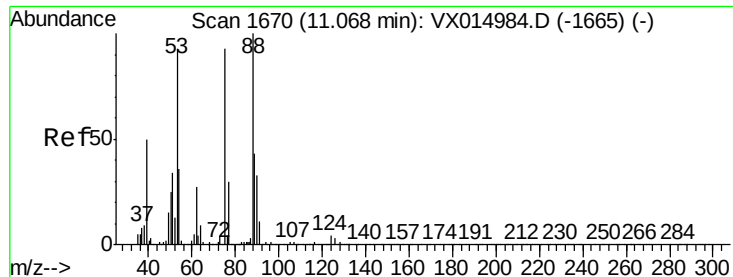
Tgt Ion: 105 Resp: 287768

Ion Ratio Lower Upper

105 100

120 50.3 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.623 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

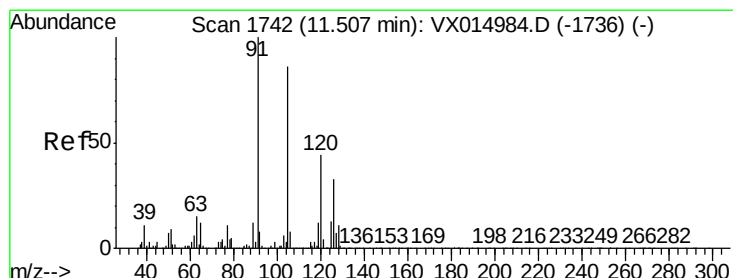
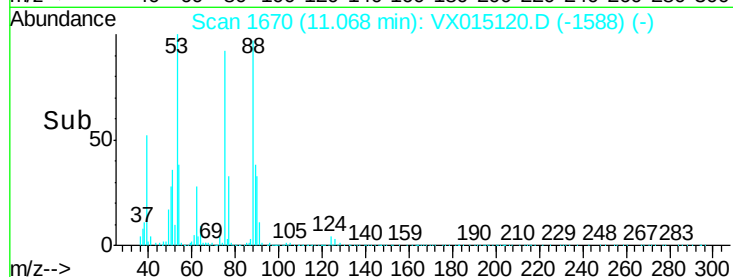
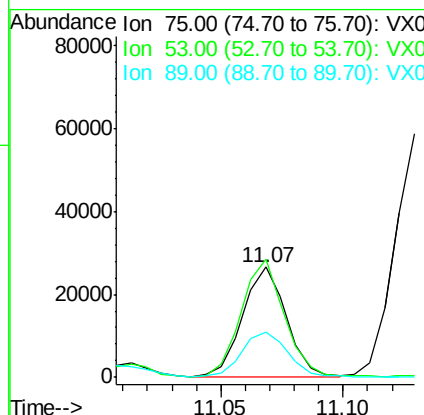
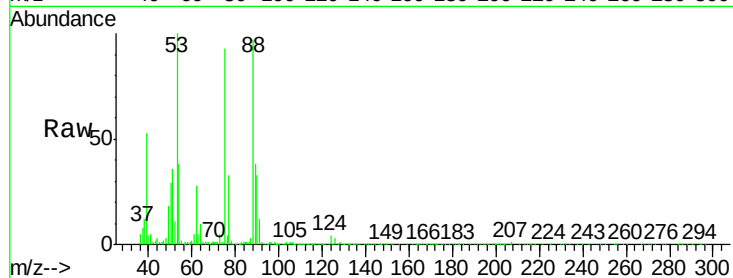
ClientSampleId :

VX0306WBS01

Tot Ion:	75	Resp:	32644
Ion	Ratio	Lower	Upper
75	100		
53	106.9	50.0	149.8
89	40.8	23.5	70.5

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#78

4-Chlorotoluene

Concen: 19.867 ug/l

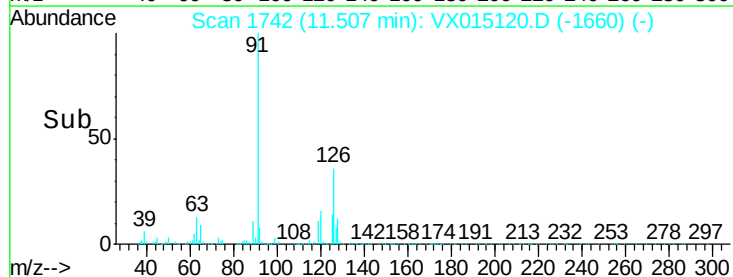
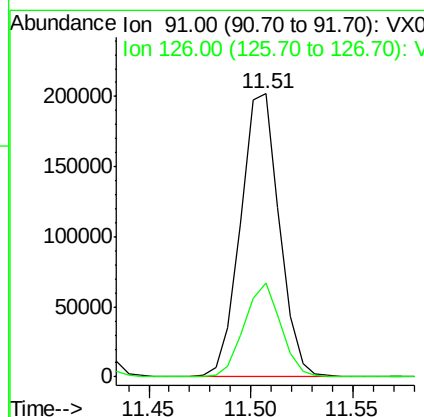
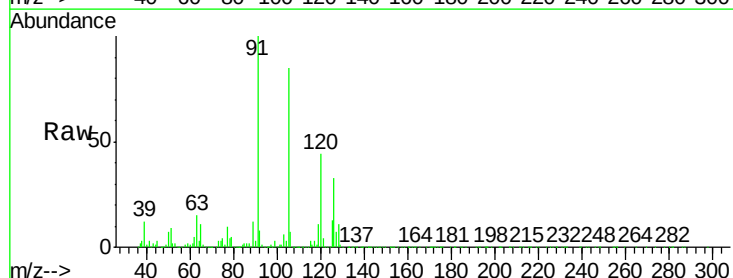
RT: 11.51 min Scan# 1742

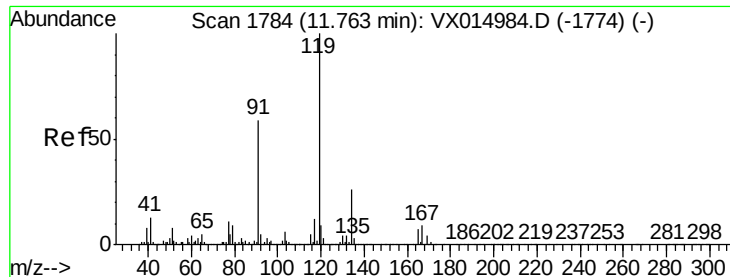
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	91	Resp:	265855
Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	62.0





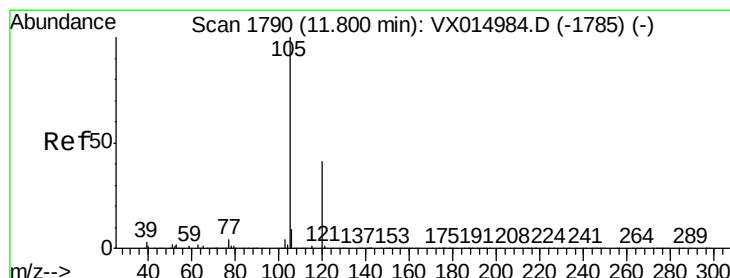
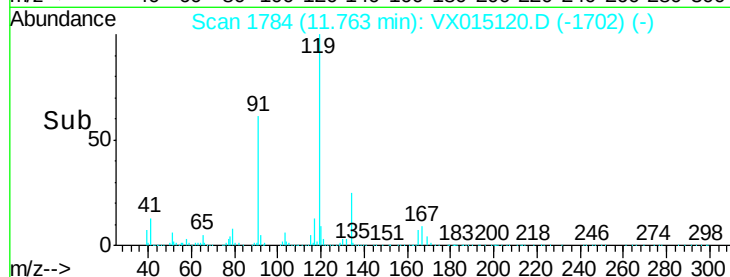
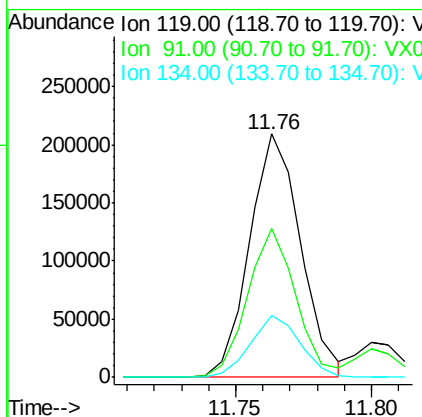
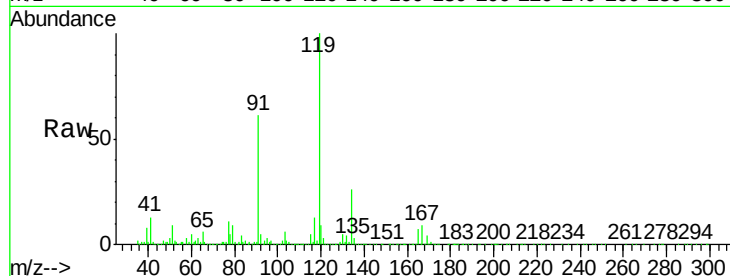
#79
tert-butylbenzene
Concen: 19.544 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	272188		
91	57.9	0.0	114.4	
134	24.6	0.0	48.8	

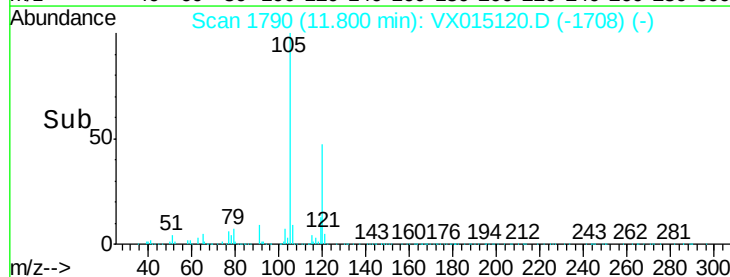
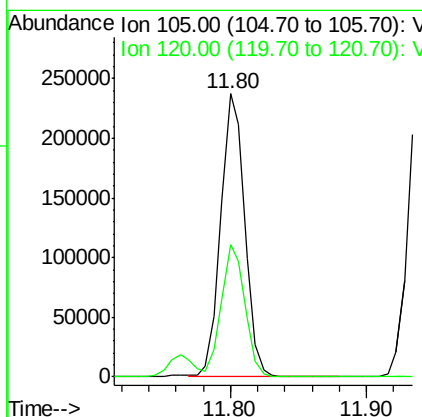
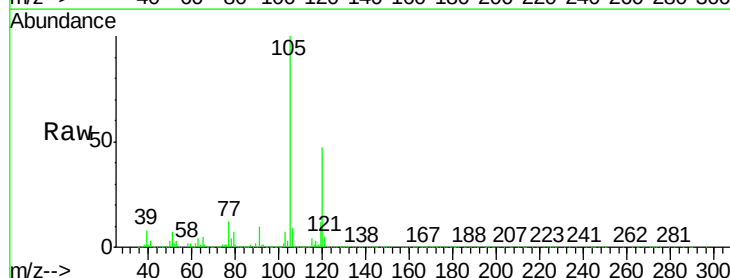
Manual Integrations
APPROVED

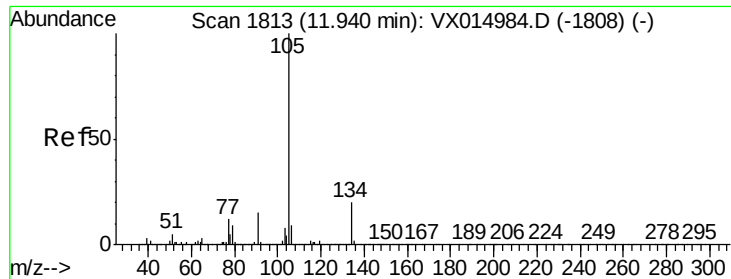
MMDadoda
3/9/2020 9:36:32 AM



#80
1,2,4-Trimethylbenzene
Concen: 20.157 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	288868		
120	45.7	0.0	93.4	





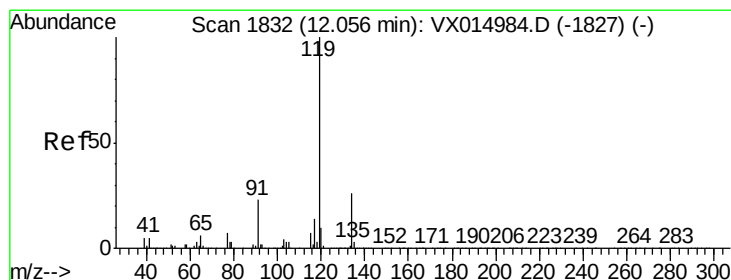
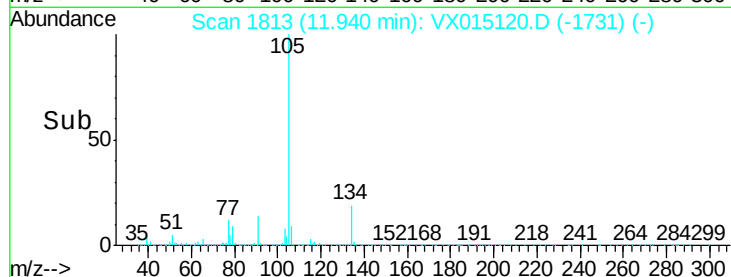
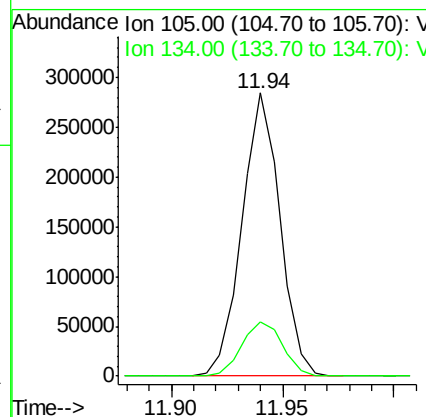
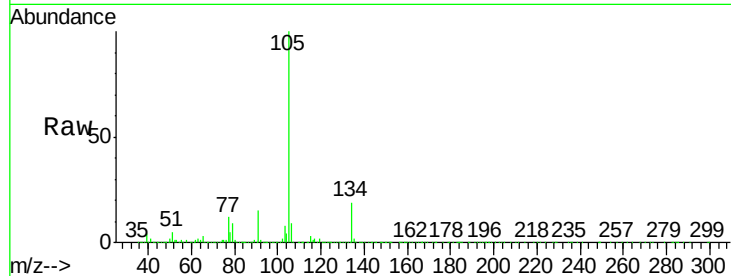
#81
 sec-Butylbenzene
 Concen: 20.237 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Tot Ion	Ratio	Resp Lower	Upper
105	100		
134	20.6	0.0	40.8

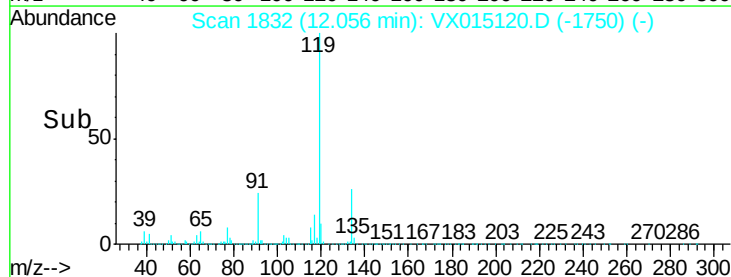
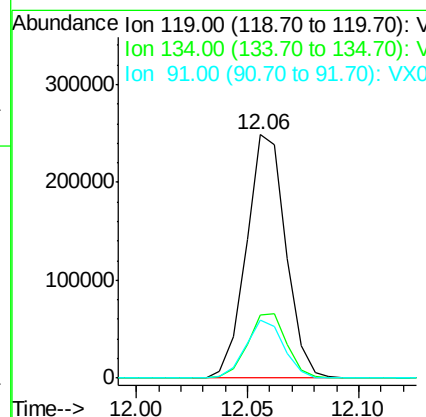
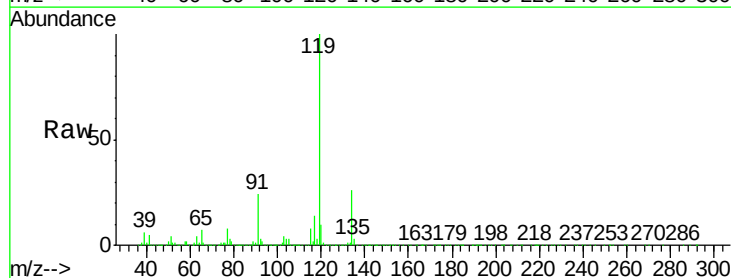
Manual Integrations
 APPROVED

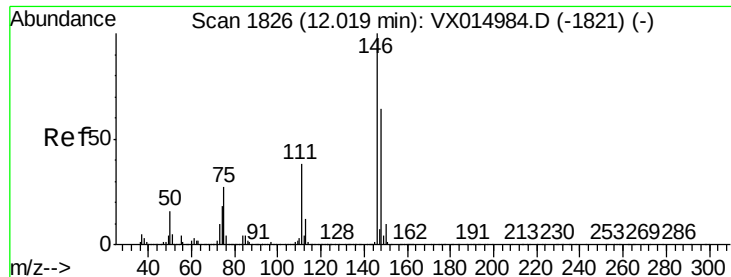
MMDadoda
 3/9/2020 9:36:32 AM



#82
 p-Isopropyltoluene
 Concen: 19.835 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Resp Lower	Upper
119	100		
134	26.4	0.0	53.2
91	22.9	0.0	44.6





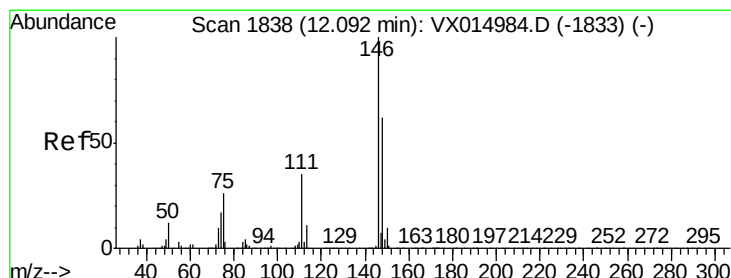
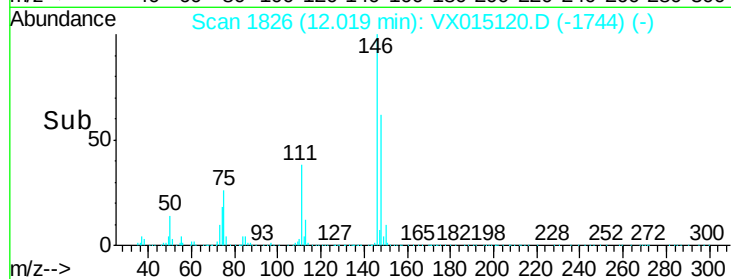
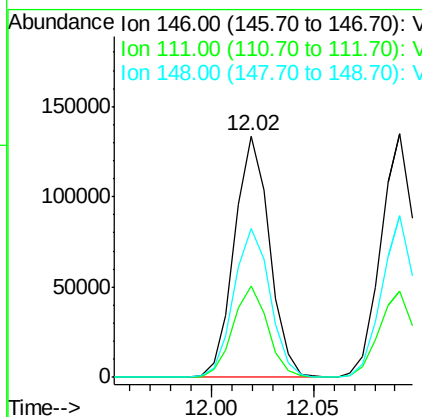
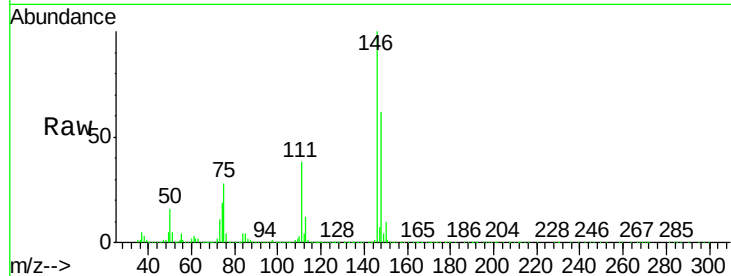
#83
 1,3-Dichlorobenzene
 Concen: 19.488 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.3	57.9
148	63.8	32.3	96.9

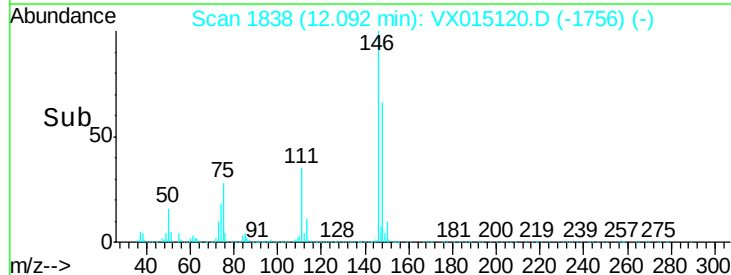
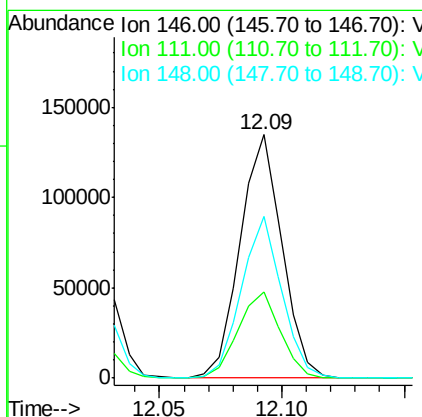
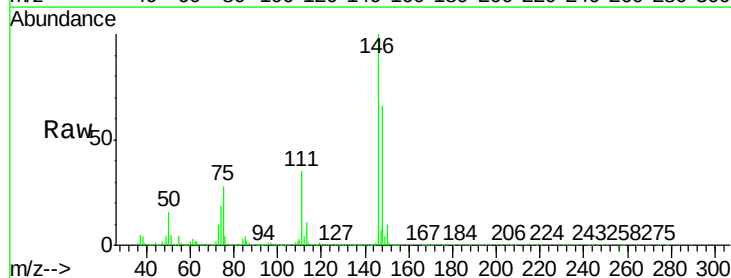
Manual Integrations
 APPROVED

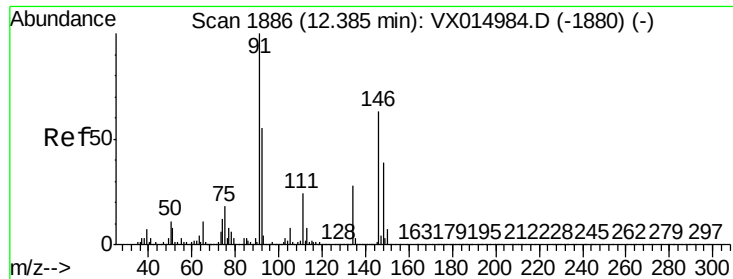
MMDadoda
 3/9/2020 9:36:32 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.560 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.0	17.8	53.5
148	64.3	31.4	94.2





#85

n-Butylbenzene

Concen: 19.459 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Instrument :

MSVOA_X

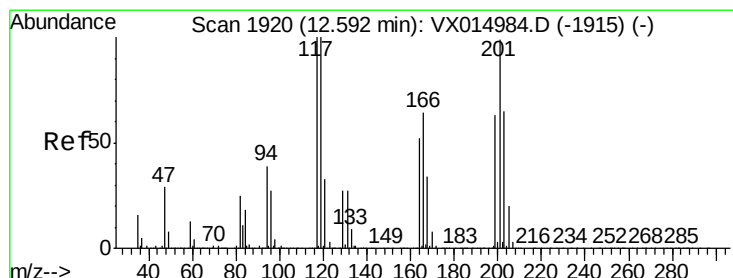
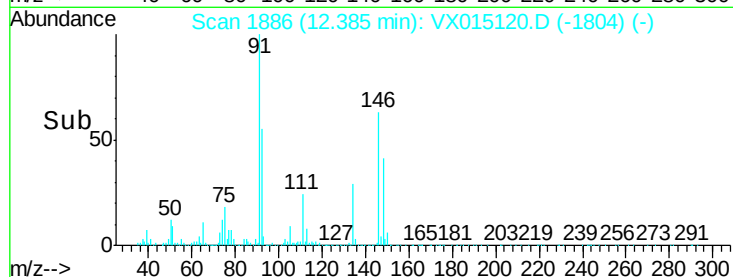
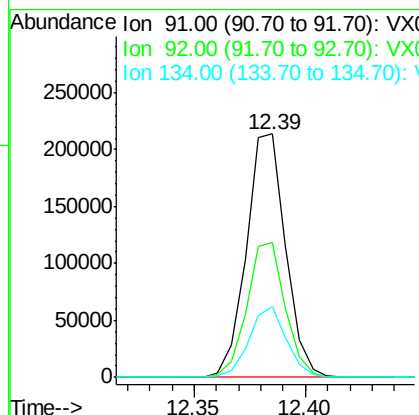
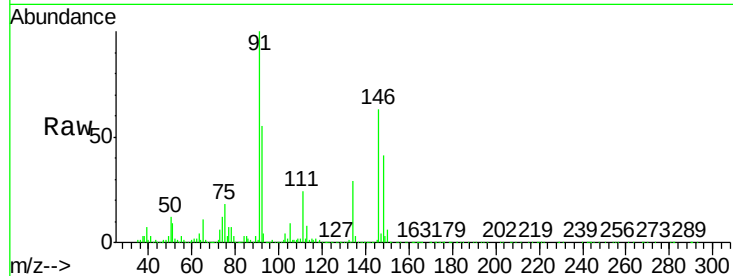
ClientSampleId :

VX0306WBS01

Tot Ion:	91	Resp:	262372
Ion Ratio	Lower	Upper	
91	100		
92	54.4	0.0	109.8
134	27.4	0.0	54.8

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#86

Hexachloroethane

Concen: 18.994 ug/l

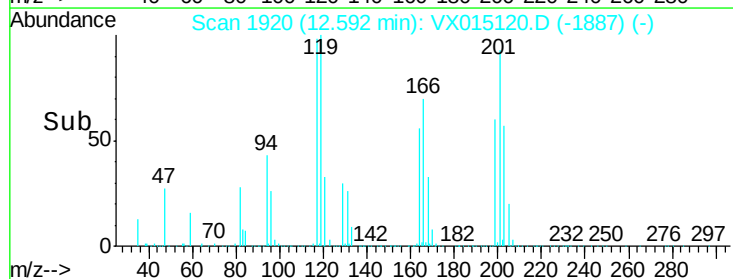
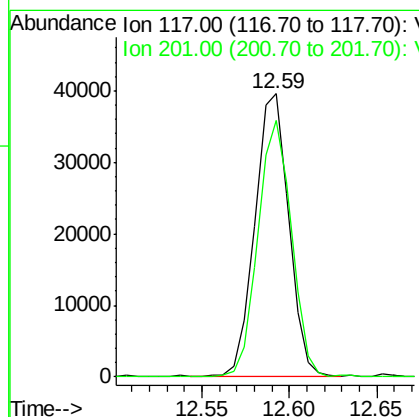
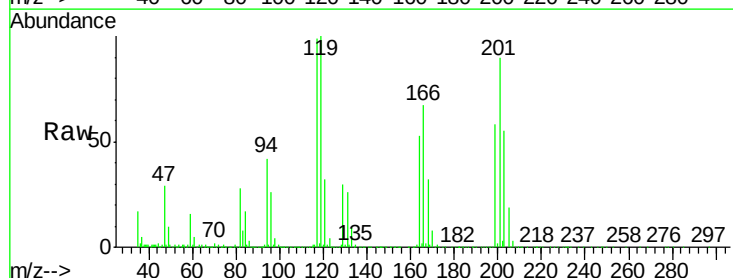
RT: 12.59 min Scan# 1920

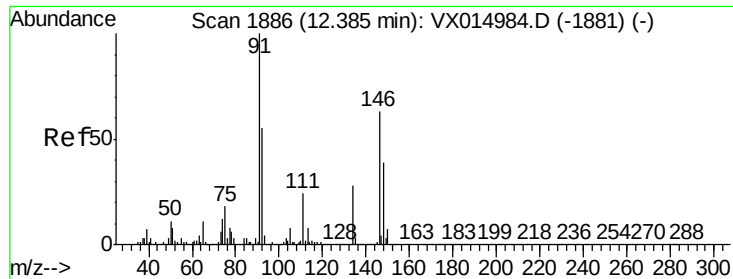
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion:	117	Resp:	53195
Ion Ratio	Lower	Upper	
117	100		
201	89.5	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 19.647 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

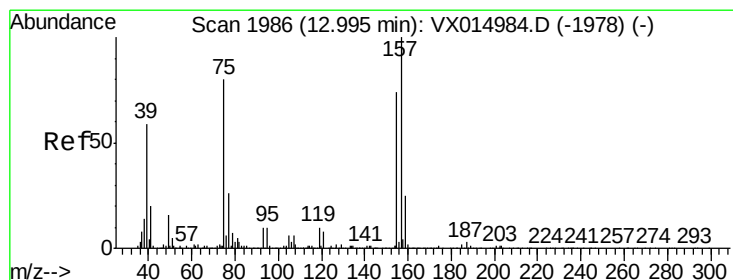
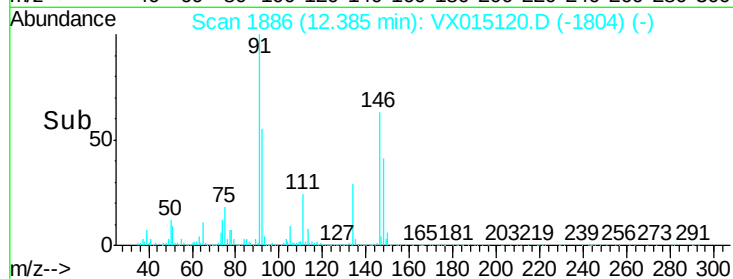
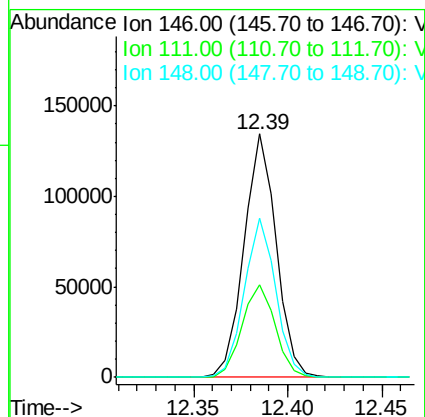
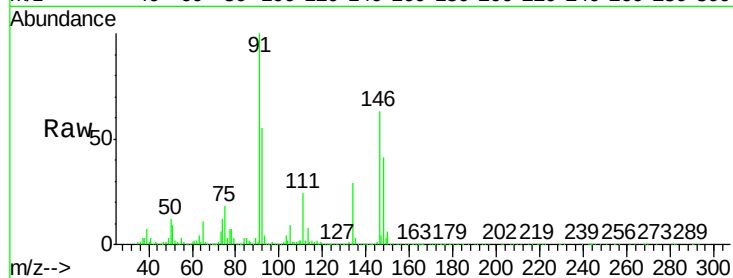
Instrument :
MSVOA_X

ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.7	59.1
148	64.0	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 17.717 ug/l

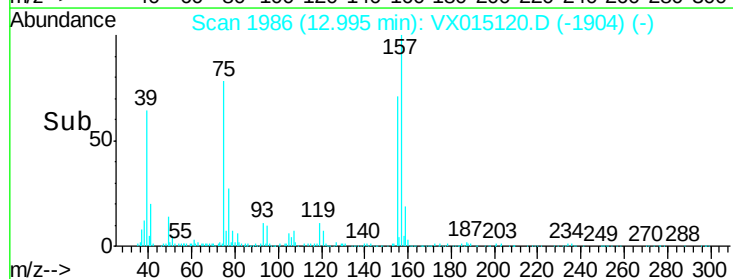
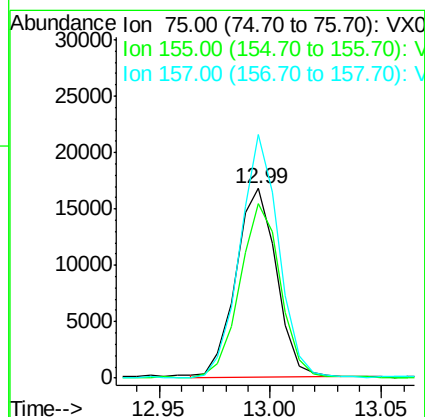
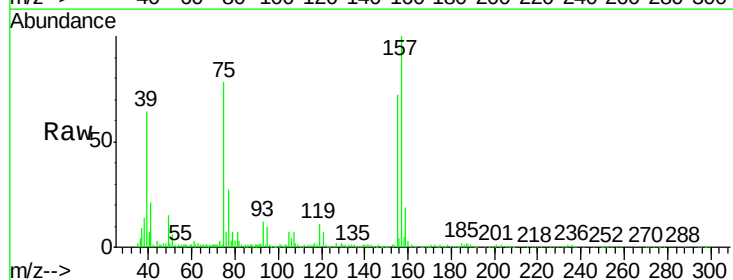
RT: 12.99 min Scan# 1886

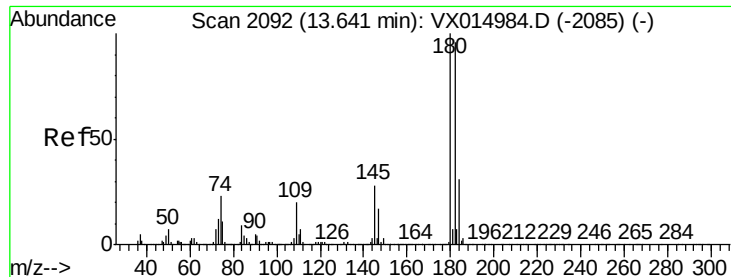
Delta R.T. 0.00 min

Lab File: VX015120.D

Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.2	74.5	111.7
157	123.5	96.2	144.4





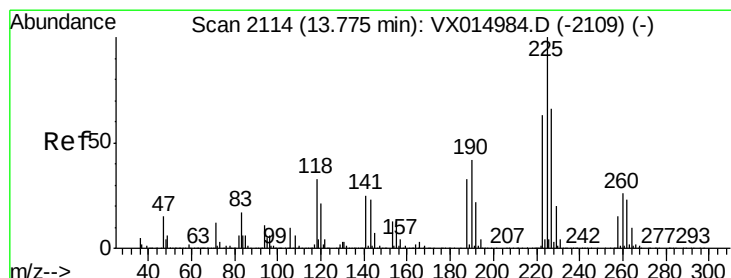
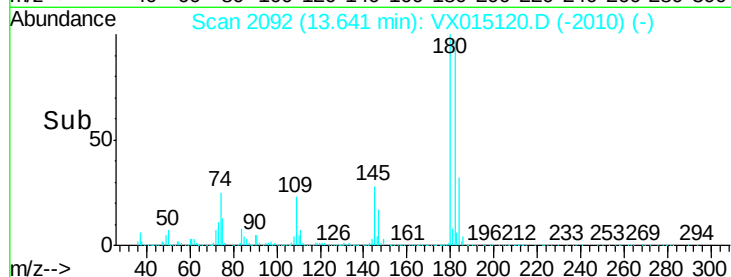
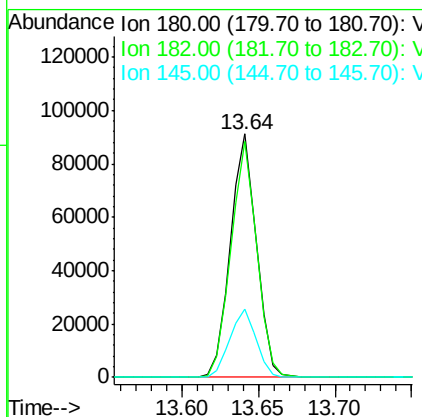
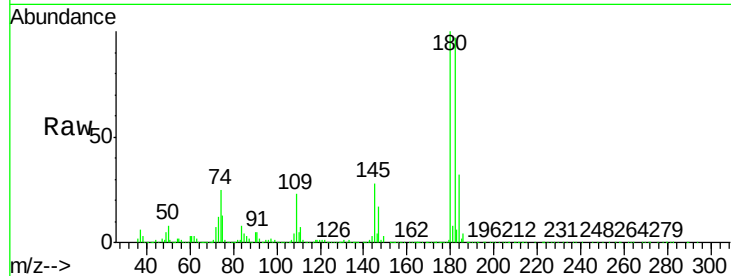
#89
 1,2,4-Trichlorobenzene
 Concen: 18.444 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0306WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	76.4	114.6
145	28.5	21.8	32.6

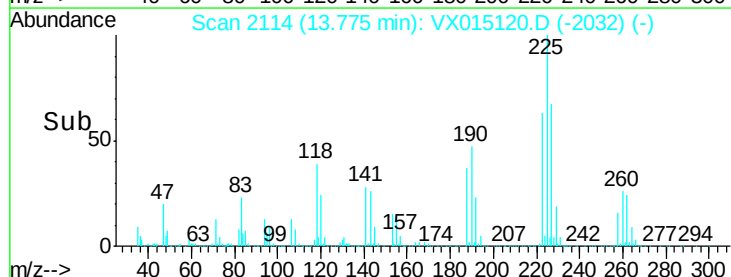
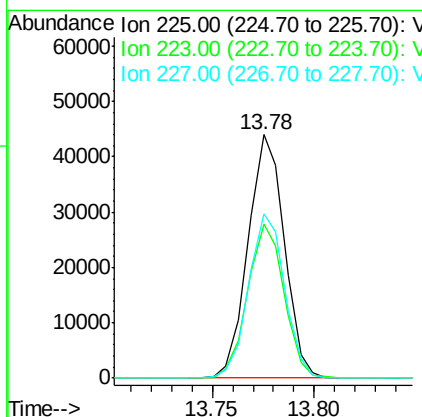
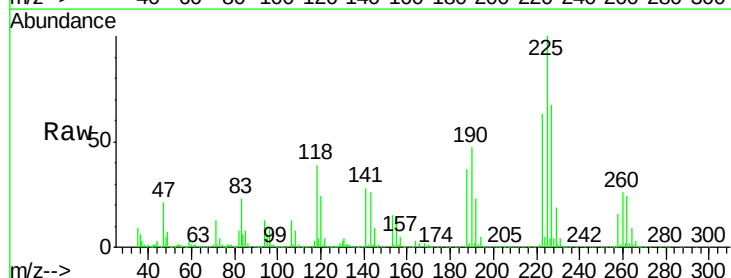
Manual Integrations
 APPROVED

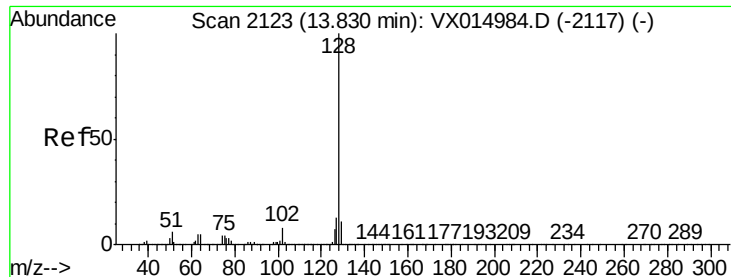
MMDadoda
 3/9/2020 9:36:32 AM



#90
 Hexachlorobutadiene
 Concen: 18.854 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015120.D
 Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	0.0	132.0
227	67.1	0.0	131.0





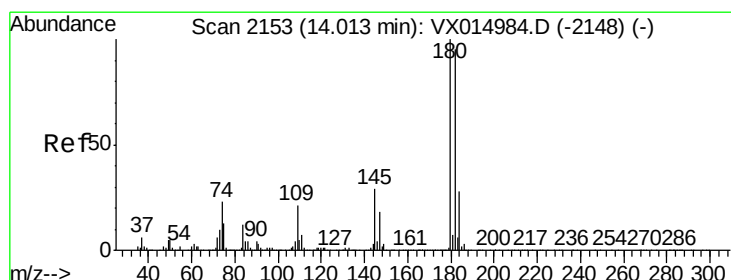
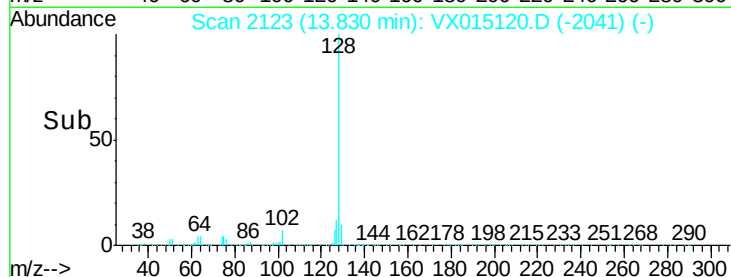
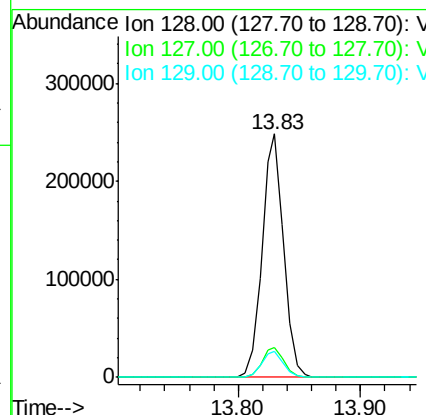
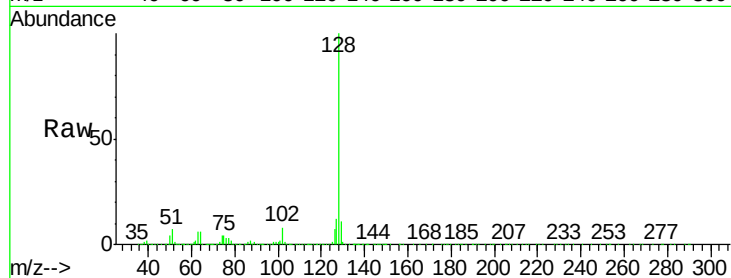
#91
Naphthalene
Concen: 18.407 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Instrument :
MSVOA_X
ClientSampleId :
VX0306WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/9/2020 9:36:32 AM



#92
1,2,3-Trichlorobenzene
Concen: 19.271 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015120.D
Acq: 06 Mar 2020 12:27

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	0.0	192.4
145	29.5	0.0	60.4

