

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040919\
 Data File : VX008760.D
 Acq On : 09 Apr 2019 09:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 4:20:51 PM

Quant Time: Apr 09 14:08:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	35153	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	204675	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	178817	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	87899	29.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.63%
60) 4-Bromofluorobenzene	11.13	95	91614	29.41	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.03%
63) Toluene-d8	8.71	98	258099	30.41	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	42787	17.800	ug/l 98
3) Chloromethane	1.32	50	54509	17.308	ug/l 93
4) Vinyl Chloride	1.41	62	54200	17.073	ug/l 99
5) Bromomethane	1.64	94	27754	16.873	ug/l 94
6) Chloroethane	1.72	64	33012	15.888	ug/l 97
7) Trichlorofluoromethane	1.93	101	64718	18.367	ug/l 98
8) Diethyl Ether	2.19	74	29731	17.892	ug/l 79
9) 1,1,2-Trichlorotrifluoroet	2.39	101	40295	18.364	ug/l 95
10) 1,1-Dichloroethene	2.37	96	39943	17.943	ug/l 85
11) Methyl Iodide	2.51	142	34497	14.965	ug/l 95
12) Methyl Acetate	3.19	43	34560	19.155	ug/l 98
13) Acrolein	2.29	56	59633	115.210	ug/l 97
14) Acrylonitrile	3.14	53	166344	99.722	ug/l 99
15) Acetone	2.44	58	52772	102.591	ug/l 96
16) Carbon Disulfide	2.57	76	119879	17.311	ug/l 100
17) Allyl chloride	2.73	41	97497	19.487	ug/l 90
18) Methylene Chloride	2.85	84	49878	18.744	ug/l # 85
19) trans-1,2-Dichloroethene	3.17	96	44508	18.714	ug/l 90
20) Diisopropyl ether	3.85	45	194656	19.990	ug/l # 91
21) 1,1-Dichloroethane	3.69	63	94531	19.340	ug/l 96
22) cis-1,2-Dichloroethene	4.59	96	52676	19.167	ug/l # 80
23) tert-Butyl Alcohol	3.05	59	63899	94.865	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	159249	19.465	ug/l 99
25) Chloroform	5.21	83	85832	19.386	ug/l 95
26) Cyclohexane	5.57	56	91691	19.309	ug/l # 84
29) 1,1-Dichloropropene	5.79	75	65582	19.046	ug/l 93
30) 2-Butanone	4.67	43	266558	105.273	ug/l 93
31) 2,2-Dichloropropane	4.58	77	69276	20.144	ug/l # 77
32) 1,1,1-Trichloroethane	5.49	97	69419	19.414	ug/l 96
33) Carbon Tetrachloride	5.78	117	58051	19.404	ug/l 92
34) Benzene	6.14	78	203855	19.367	ug/l # 96
35) Methacrylonitrile	5.04	41	51314	19.928	ug/l 90
36) 1,2-Dichloroethane	6.19	62	72372	19.285	ug/l 97
37) Trichloroethene	7.21	130	48011	19.834	ug/l 86
38) Methylcyclohexane	7.46	83	84892	19.565	ug/l 88
39) 1,2-Dichloropropane	7.51	63	57306	19.195	ug/l 99
40) Dibromomethane	7.66	93	32222	18.632	ug/l 90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008760.D
 Acq On : 09 Apr 2019 09:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 4:20:51 PM

Quant Time: Apr 09 14:08:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

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

41) Bromodichloromethane	7.90	83	64661	19.015	ug/l	99
42) Vinyl Acetate	3.81	43	853324	99.414	ug/l #	93
43) Ethyl Acetate	4.83	43	93170	20.444	ug/l #	81
44) Isopropyl Acetate	6.44	43	145132	19.695	ug/l	97
45) 1,4-Dioxane	7.74	88	26066	355.322	ug/l #	79
46) Methyl methacrylate	7.77	41	73089	19.529	ug/l	89
47) n-amyl Acetate	10.90	43	123150	18.397	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	72227	18.805	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	81817	19.045	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	49364	19.224	ug/l	96
51) Ethyl methacrylate	9.18	69	88737	18.570	ug/l	91
52) 1,3-Dichloropropane	9.37	76	87706	19.198	ug/l	99
53) Dibromochloromethane	9.58	129	47480	18.789	ug/l	99
54) 1,2-Dibromoethane	9.67	107	50317	19.008	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	243940	101.187	ug/l	94
56) Bromoform	10.85	173	34350	18.652	ug/l #	98
58) 4-Methyl-2-Pentanone	8.64	43	480409	101.836	ug/l #	94
59) 2-Hexanone	9.49	43	380089	101.982	ug/l	96
61) Tetrachloroethene	9.34	164	42963	21.965	ug/l	98
62) Toluene	8.78	91	211209	19.509	ug/l	100
64) Chlorobenzene	10.13	112	123328	19.441	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	44387	19.845	ug/l	97
66) Ethyl Benzene	10.25	91	228716	19.033	ug/l	95
67) m/p-Xylenes	10.35	106	164957	37.635	ug/l	91
68) o-Xylene	10.69	106	80425	18.751	ug/l	93
69) Styrene	10.71	104	138997	18.624	ug/l	97
70) Isopropylbenzene	11.02	105	216934	19.174	ug/l	96
71) 1,1,2,2-Tetrachloroethane	11.27	83	79977	18.922	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	71185m	19.924	ug/l	
73) Bromobenzene	11.26	156	50818	18.878	ug/l	79
74) n-propylbenzene	11.36	91	253493	18.807	ug/l	95
75) 2-Chlorotoluene	11.42	91	150379	18.753	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	183548	18.975	ug/l	97
77) t-1,4-Dichloro-2-butene	11.07	75	25803	18.828	ug/l	93
78) 4-Chlorotoluene	11.51	91	169466	18.362	ug/l	91
79) tert-butylbenzene	12.06	119	190948	19.316	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	183803	19.057	ug/l	96
81) sec-Butylbenzene	11.94	105	209837	18.986	ug/l	96
82) p-Isopropyltoluene	12.06	119	190948	19.316	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	90682	18.976	ug/l	96
84) 1,4-Dichlorobenzene	12.10	146	89671	18.777	ug/l	96
85) n-Butylbenzene	12.38	91	175521	18.687	ug/l	97
86) Hexachloroethane	12.60	117	31153	18.862	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	89656	18.619	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	16771	17.902	ug/l #	77
89) 1,2,4-Trichlorobenzene	13.65	180	61849	18.621	ug/l	97
90) Hexachlorobutadiene	13.78	225	32343	20.212	ug/l	99
91) Naphthalene	13.83	128	204805	17.997	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	62575	18.702	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
Data File : VX008760.D
Acq On : 09 Apr 2019 09:48
Operator : JC/SP
Sample : VSTDCCC020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM

Quant Time: Apr 09 14:08:17 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration

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

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

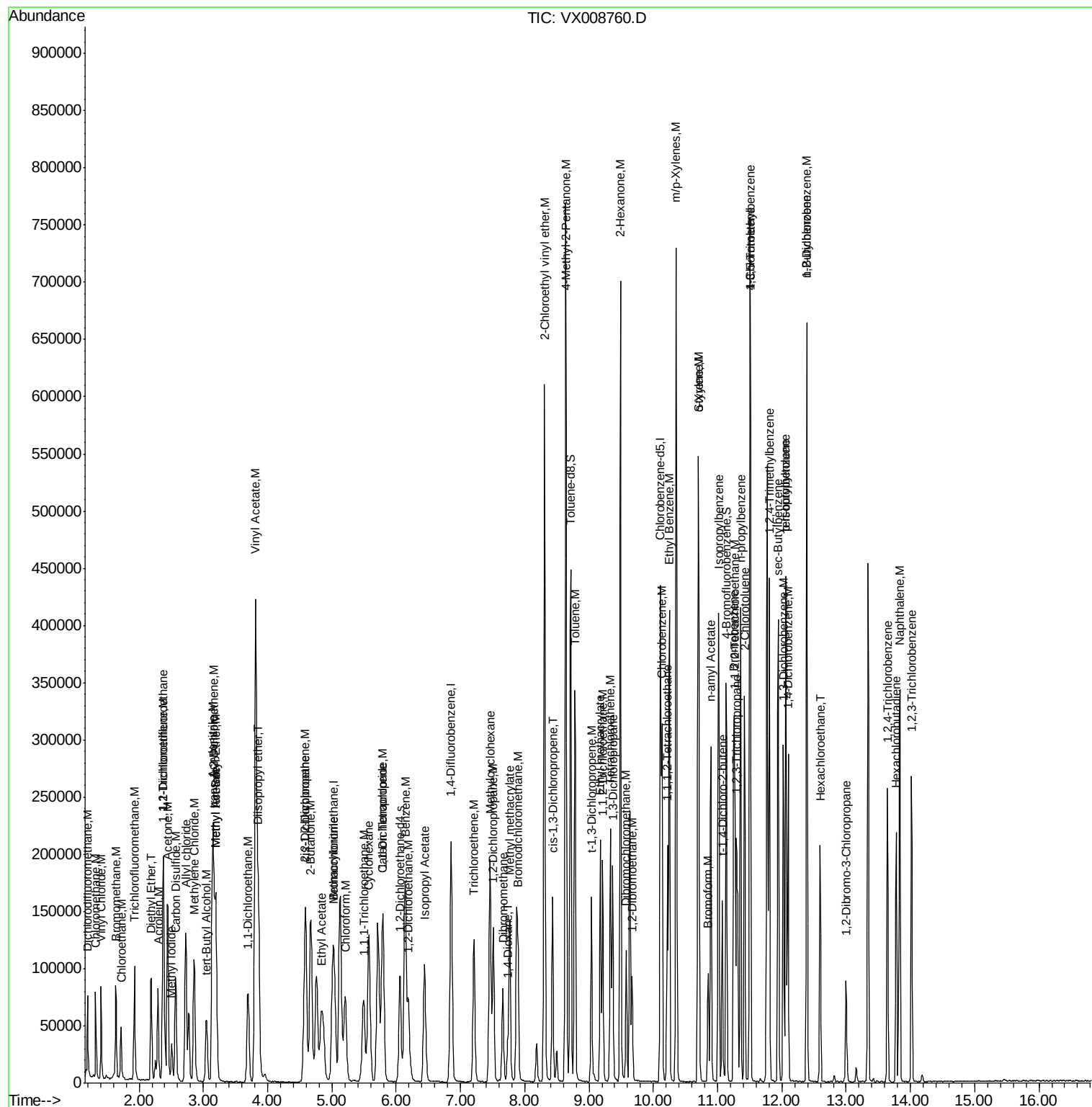
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008760.D
 Acq On : 09 Apr 2019 09:48
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

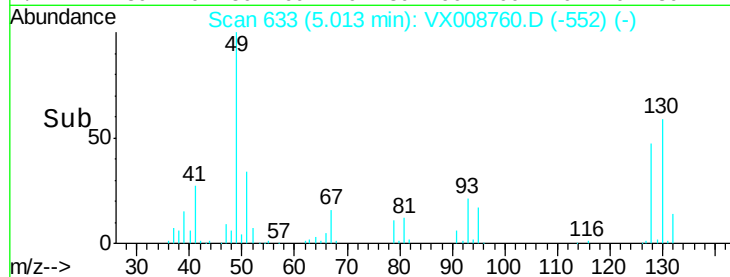
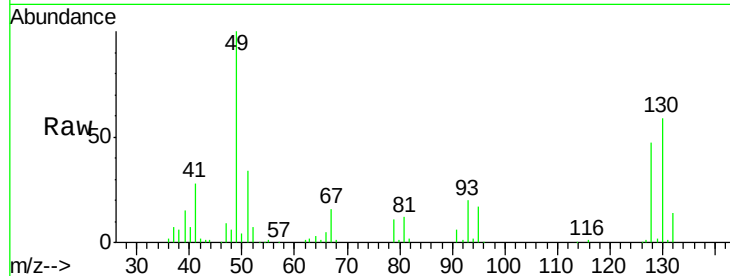
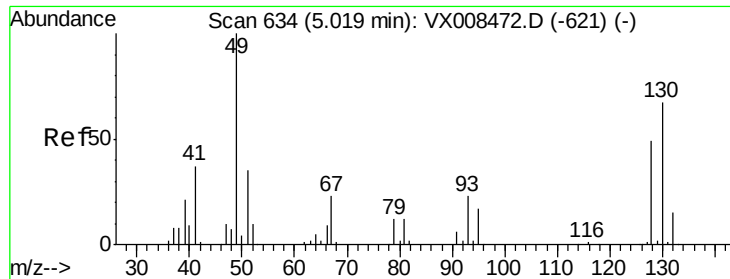
Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 4:20:51 PM

Quant Time: Apr 09 14:08:17 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008760.D

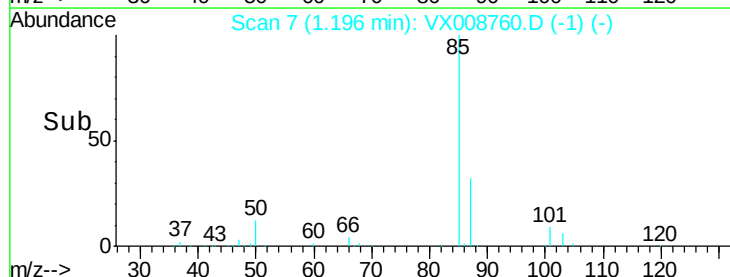
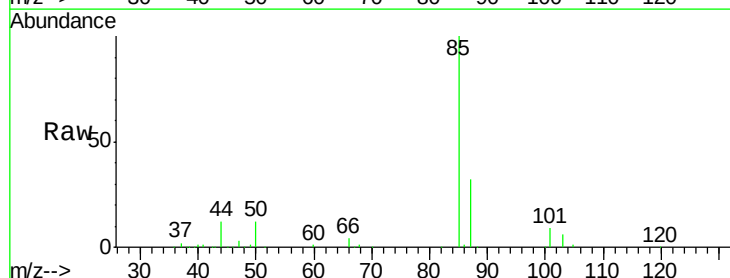
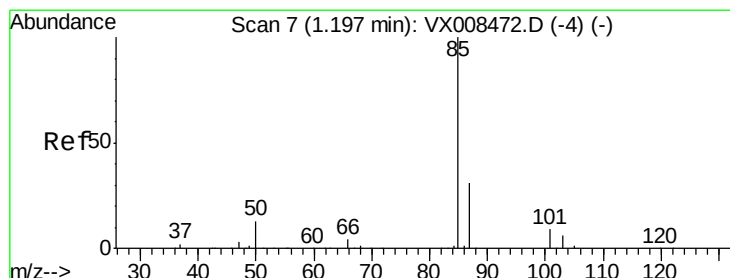
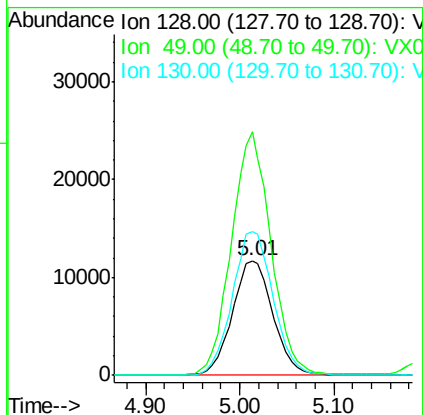
Acq: 09 Apr 2019 09:48

Tot Ion:	128	Resp:	35153
Ion	Ratio	Lower	Upper
128	100		
49	207.2	0.0	350.8
130	126.8	0.0	325.8

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#2

Dichlorodifluoromethane

Concen: 17.800 ug/l

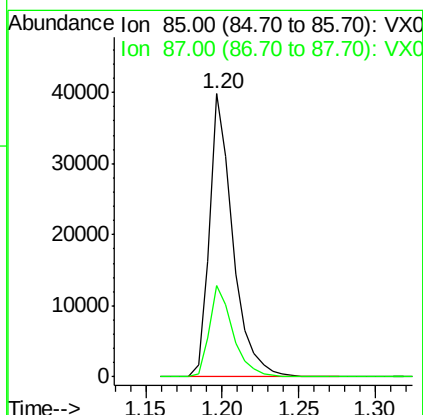
RT: 1.20 min Scan# 7

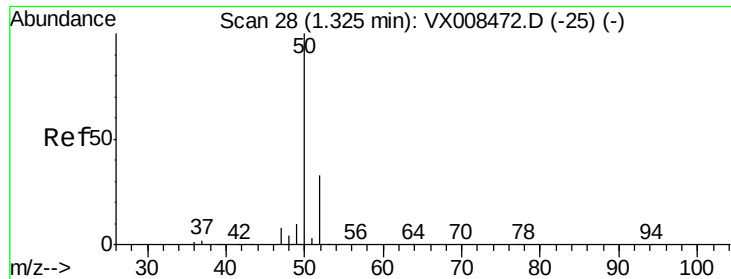
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	85	Resp:	42787
Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.6	49.8





#3

Chloromethane

Concen: 17.308 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 54509

Ion Ratio Lower Upper

50 100

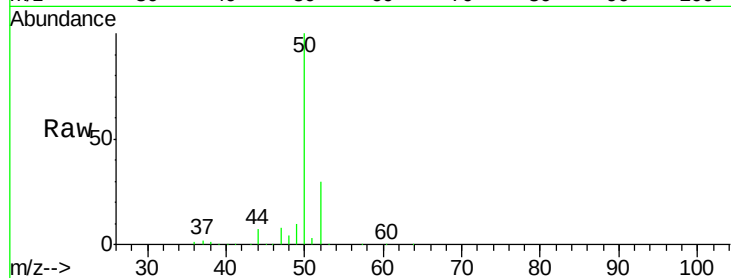
52 30.4 27.5 41.3

Manual Integrations

APPROVED

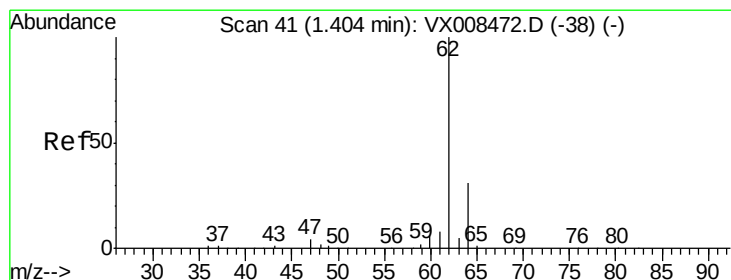
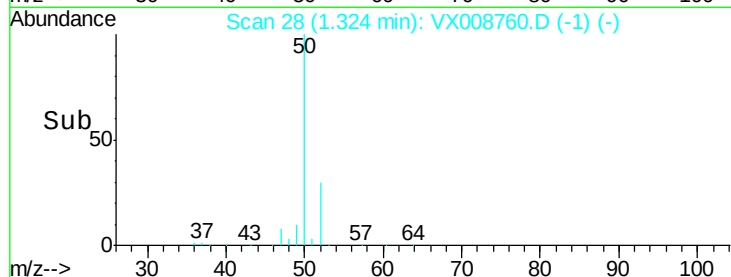
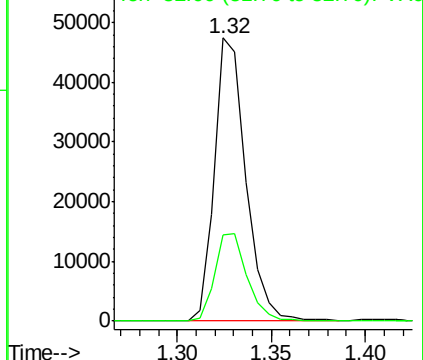
MMDadoda

4/10/2019 4:20:51 PM



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.073 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX008760.D

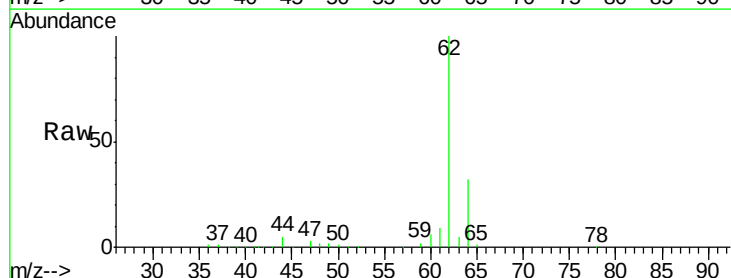
Acq: 09 Apr 2019 09:48

Tgt Ion: 62 Resp: 54200

Ion Ratio Lower Upper

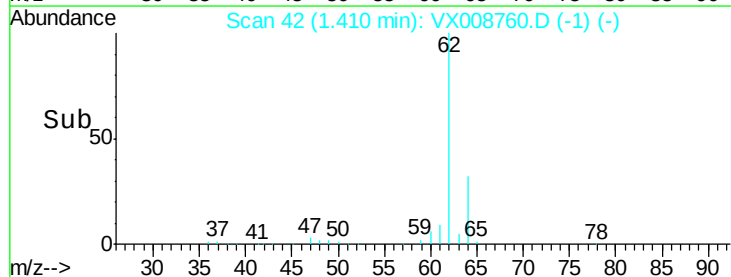
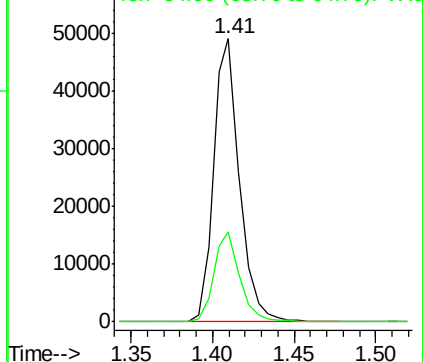
62 100

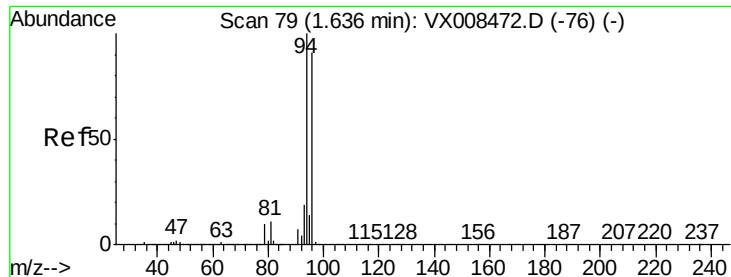
64 31.9 25.9 38.9



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 16.873 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 27754

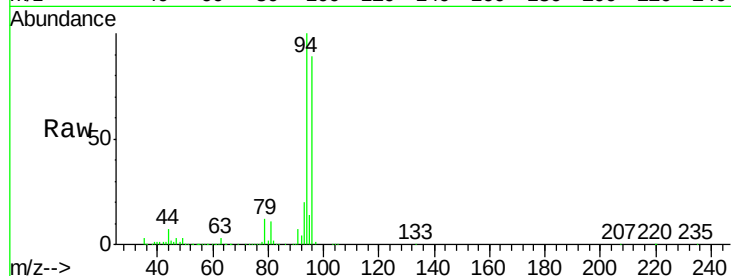
Ion Ratio Lower Upper

94 100

96 89.0 75.6 113.4

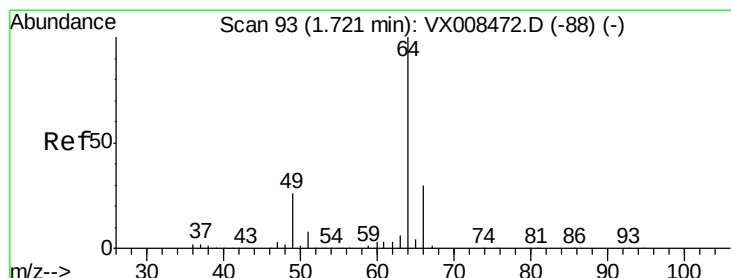
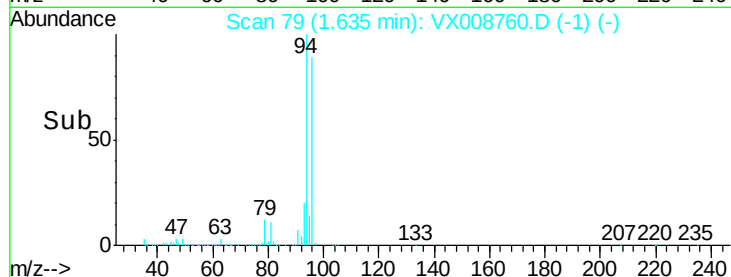
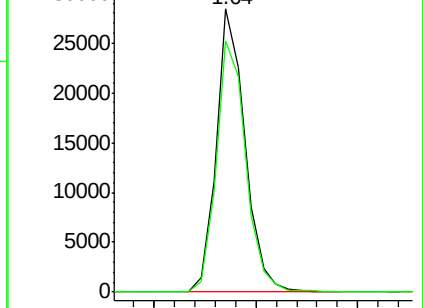
Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 15.888 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008760.D

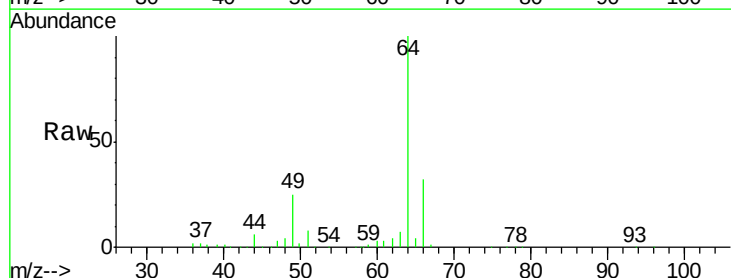
Acq: 09 Apr 2019 09:48

Tgt Ion: 64 Resp: 33012

Ion Ratio Lower Upper

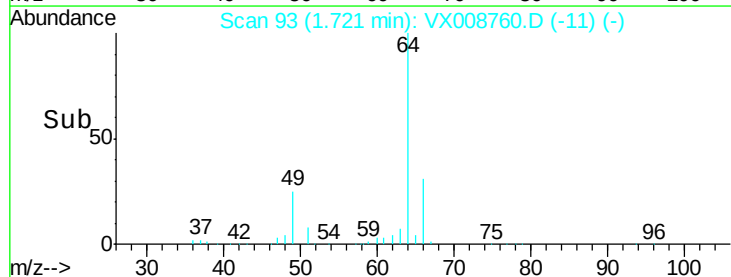
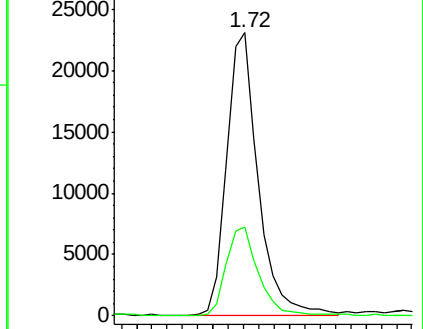
64 100

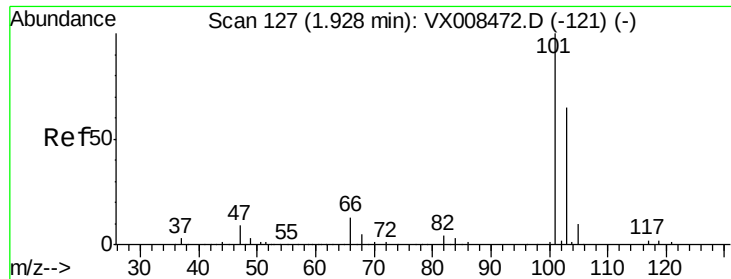
66 31.6 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

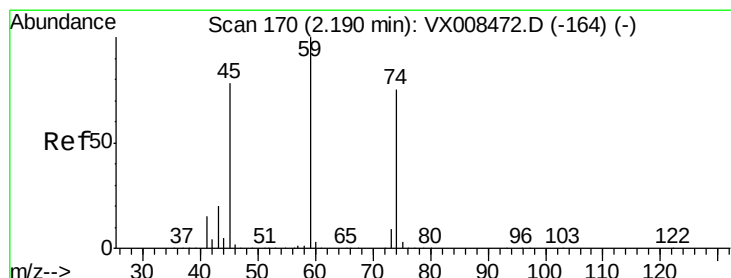
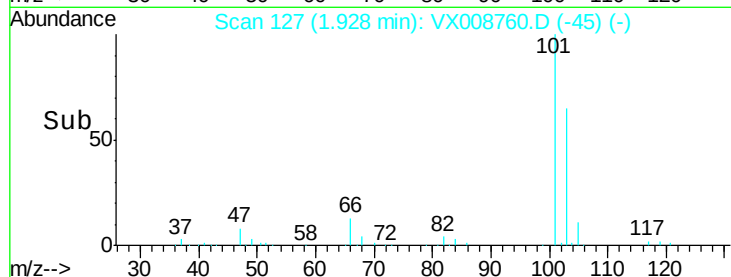
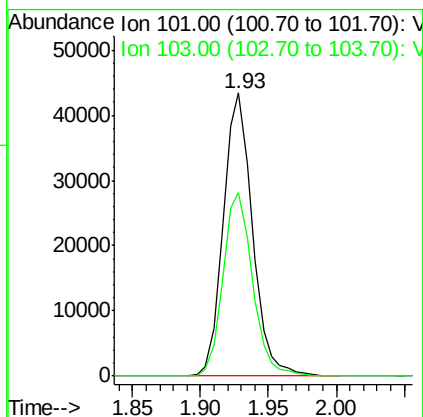
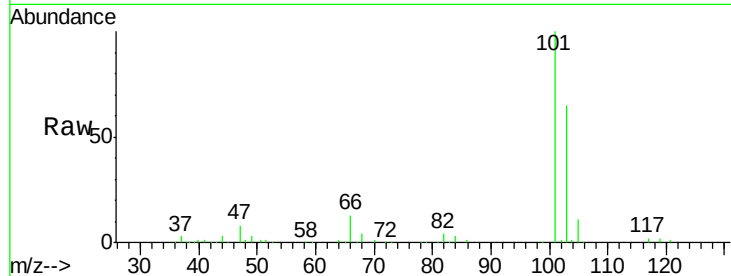
Trichlorofluoromethane
Concen: 18.367 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	50.4	75.6

Manual Integrations
APPROVED

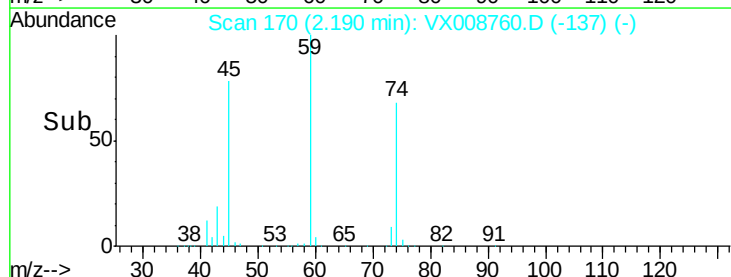
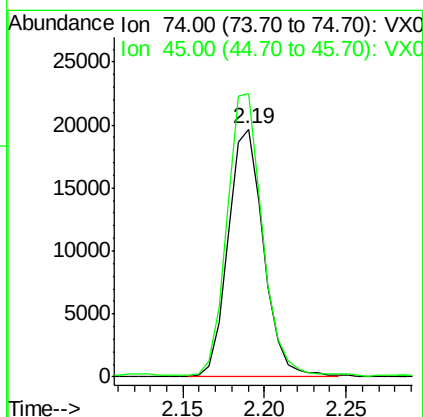
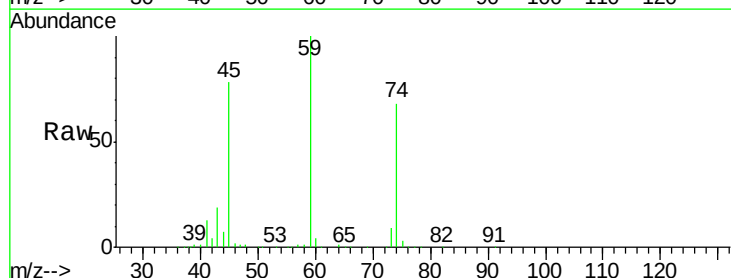
MMDadoda
4/10/2019 4:20:51 PM

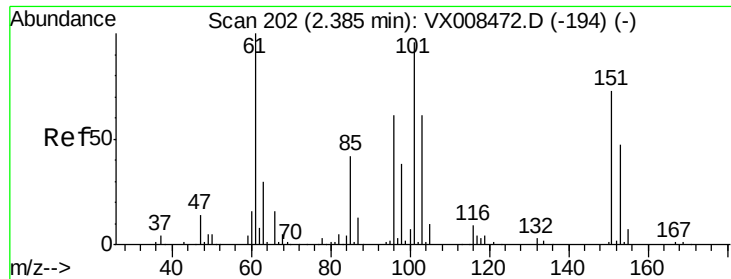


#8

Diethyl Ether
Concen: 17.892 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	113.7	18.6	167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.364 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

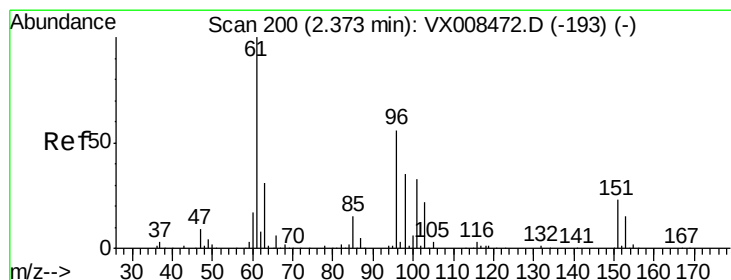
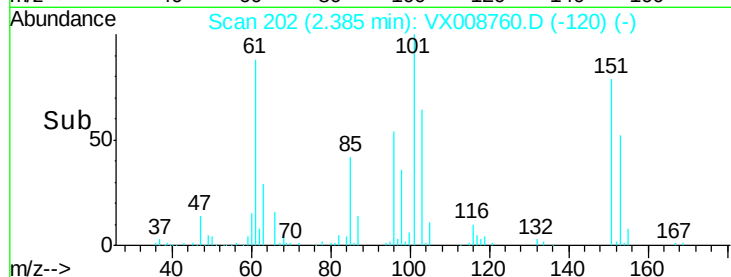
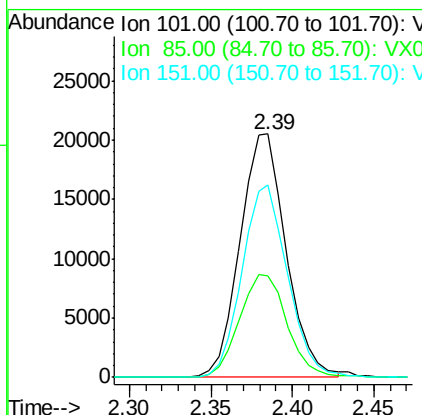
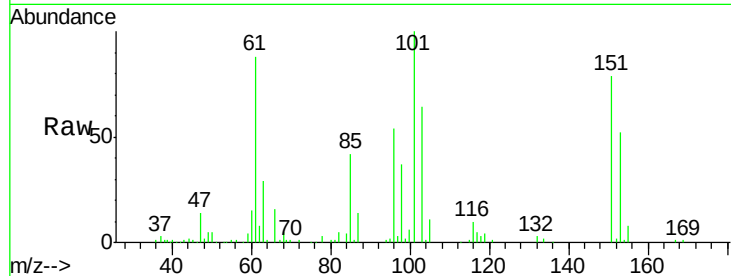
ClientSampled :

VSTDCCC020

Tot Ion:	101	Resp:	40295
Ion Ratio	Lower	Upper	
101	100		
85	43.9	0.0	86.8
151	78.1	0.0	169.2

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#10

1,1-Dichloroethene

Concen: 17.943 ug/l

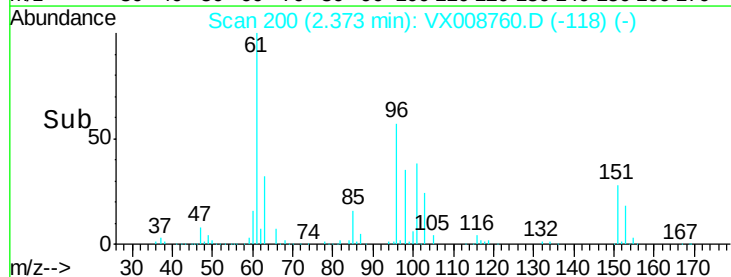
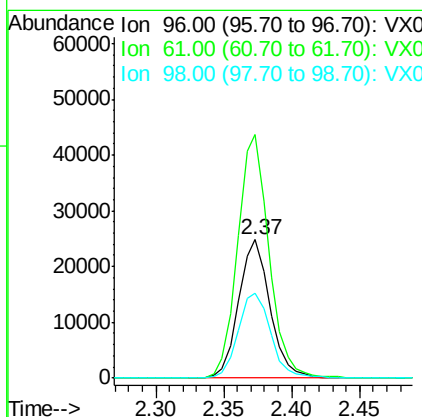
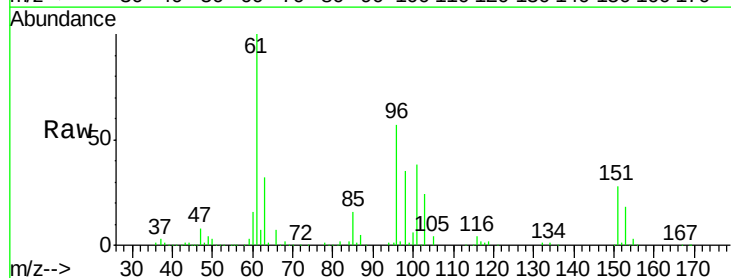
RT: 2.37 min Scan# 200

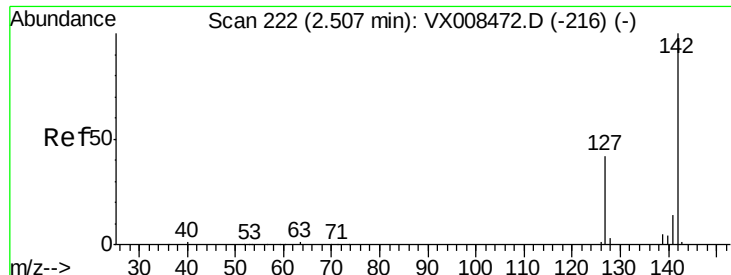
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	96	Resp:	39943
Ion Ratio	Lower	Upper	
96	100		
61	176.3	120.2	180.2
98	61.8	49.0	73.4





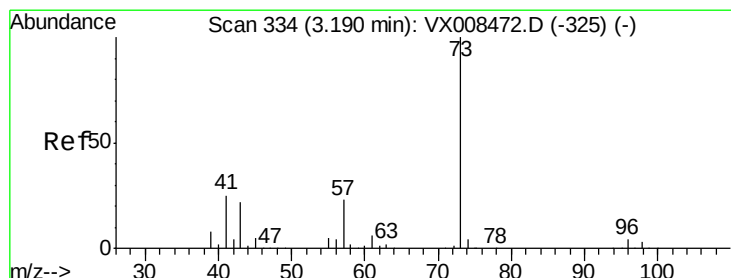
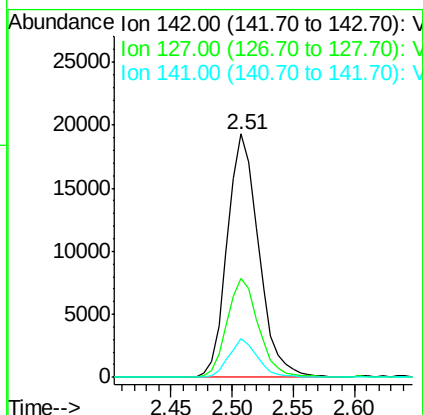
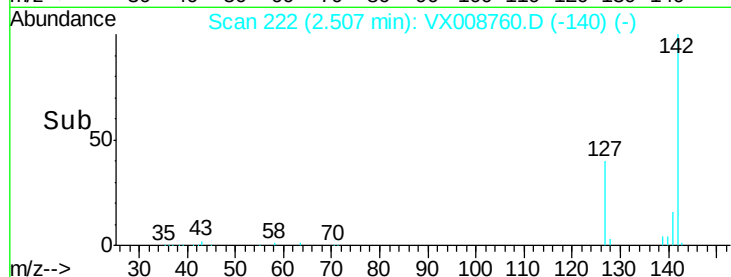
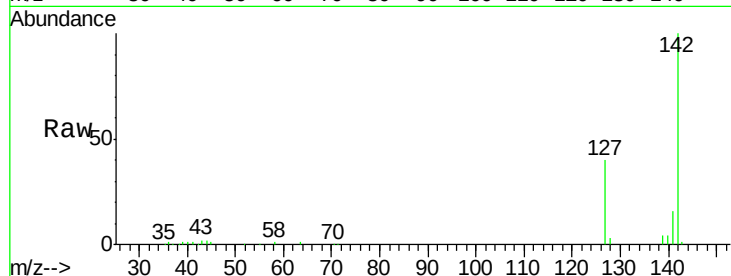
#11
Methvl Iodide
Concen: 14.965 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	40.5	22.1	66.5
141	15.8	7.4	22.3

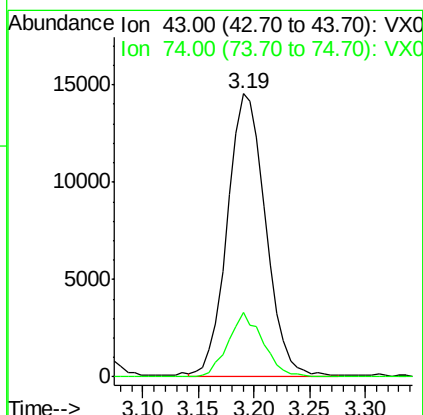
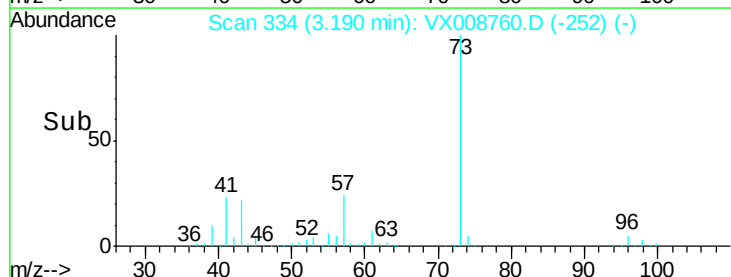
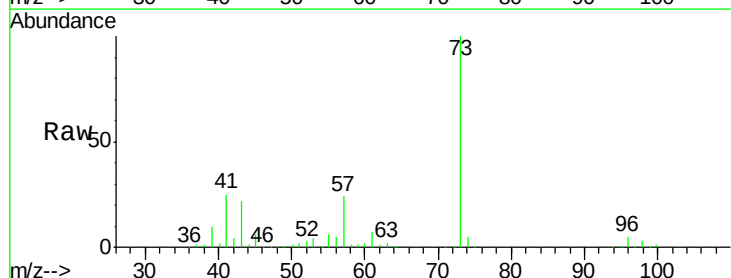
Manual Integrations
APPROVED

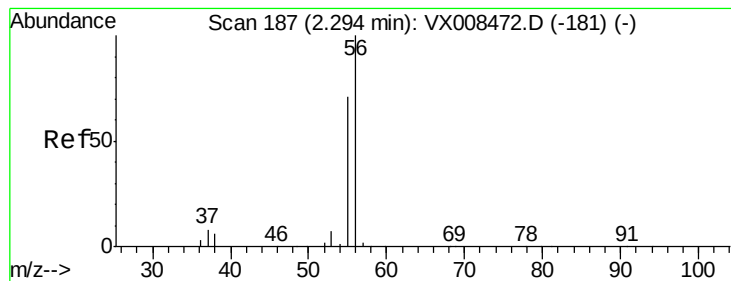
MMDadoda
4/10/2019 4:20:51 PM



#12
Methyl Acetate
Concen: 19.155 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	19.4	29.0





#13

Acrolein

Concen: 115.210 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 59633

Ion Ratio Lower Upper

56 100

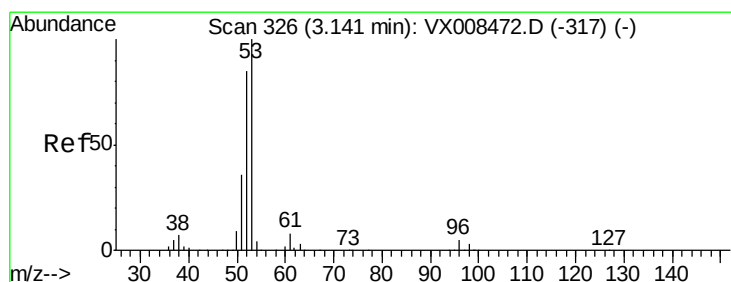
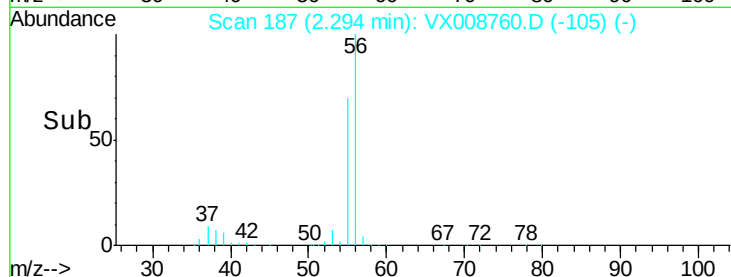
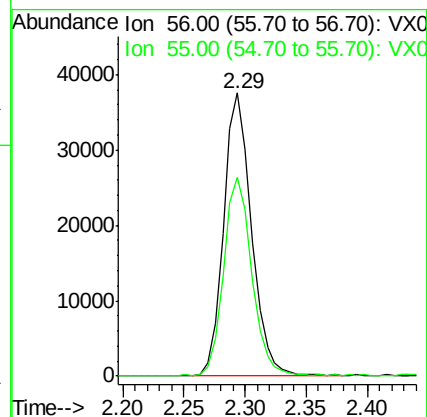
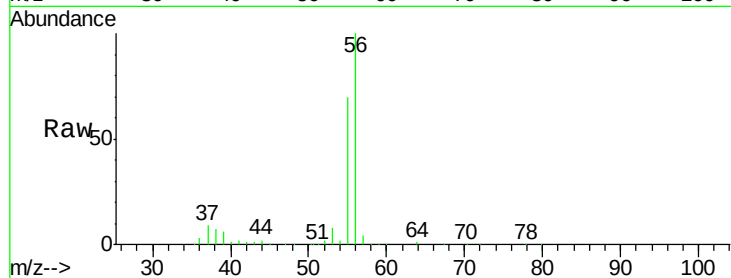
55 70.9 58.6 87.8

Manual Integrations

APPROVED

MMDadoda

4/10/2019 4:20:51 PM



#14

Acrylonitrile

Concen: 99.722 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

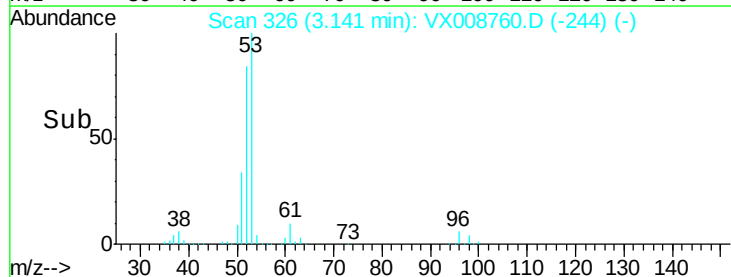
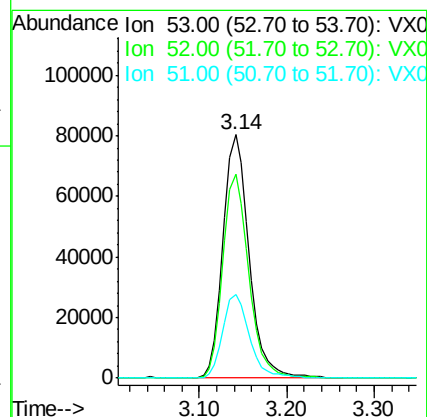
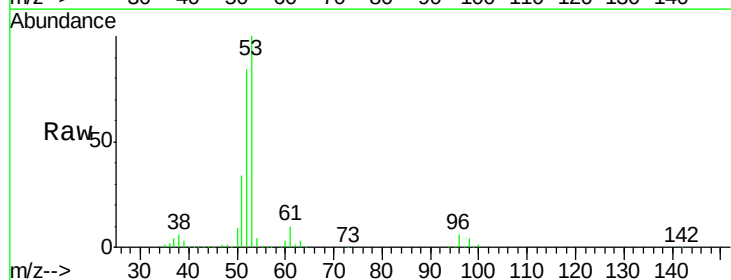
Tgt Ion: 53 Resp: 166344

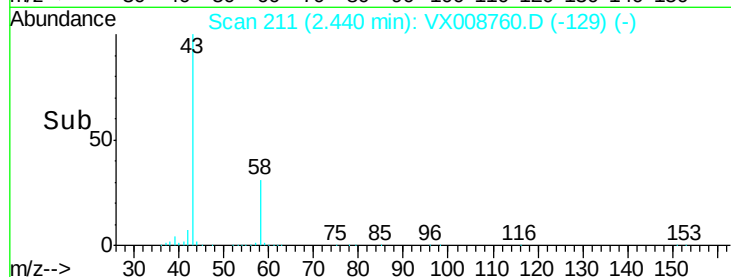
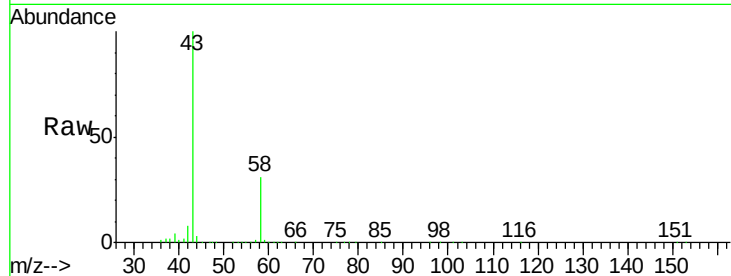
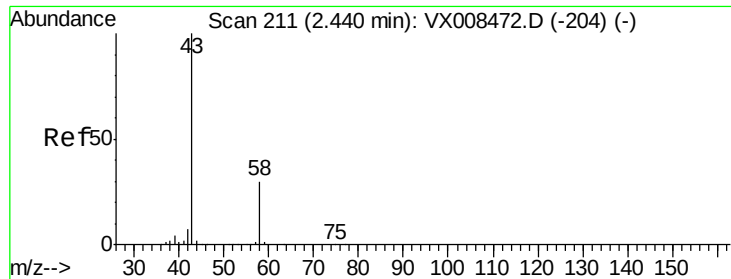
Ion Ratio Lower Upper

53 100

52 83.4 41.3 124.1

51 35.5 17.5 52.6





#15

Acetone

Concen: 102.591 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tot Ion: 58 Resp: 52772

Ion Ratio Lower Upper

58 100

43 320.0 249.8 374.6

Instrument :

MSVOA_X

ClientSampled :

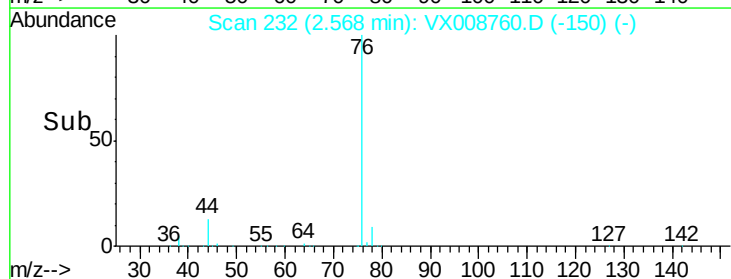
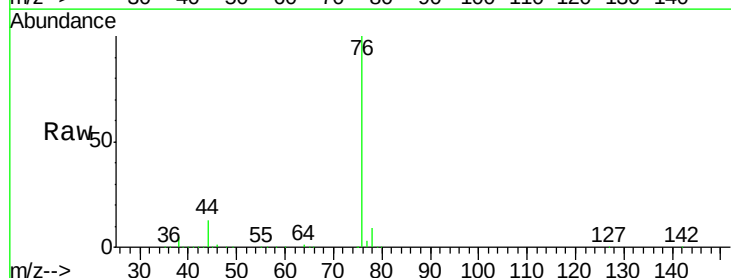
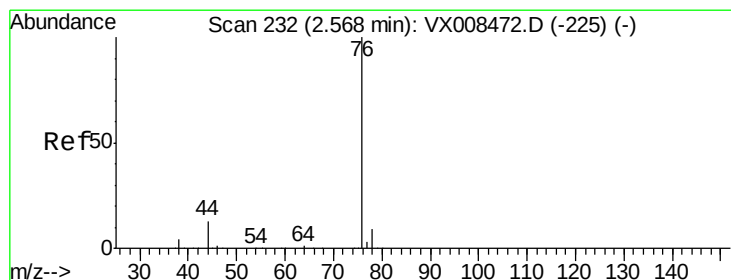
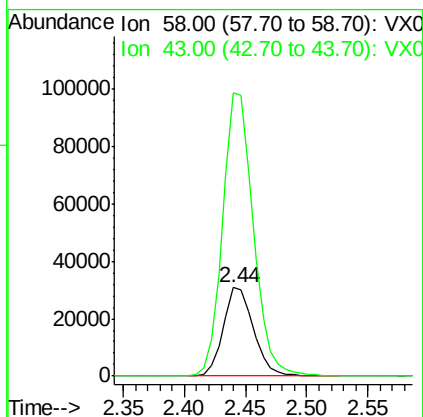
VSTDCCC020

Manual Integrations

APPROVED

MMDadoda

4/10/2019 4:20:51 PM



#16

Carbon Disulfide

Concen: 17.311 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008760.D

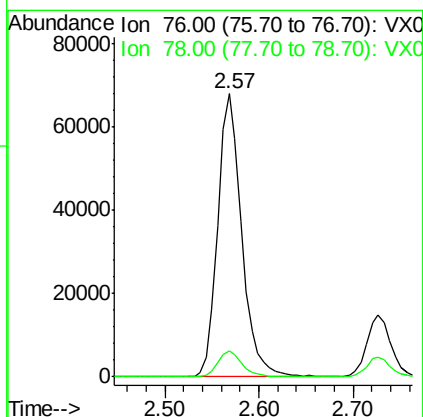
Acq: 09 Apr 2019 09:48

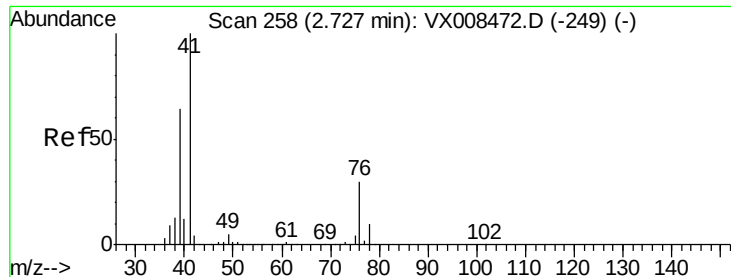
Tgt Ion: 76 Resp: 119879

Ion Ratio Lower Upper

76 100

78 9.4 7.5 11.3





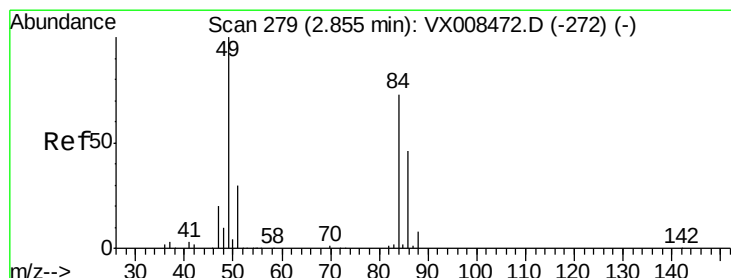
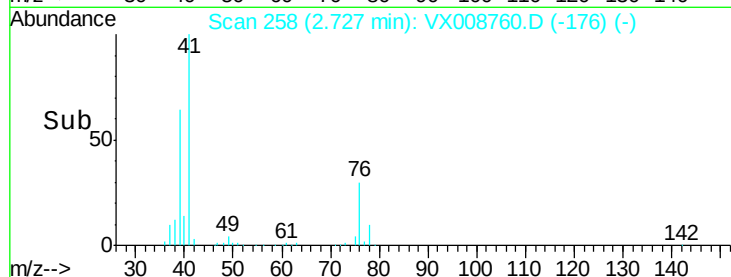
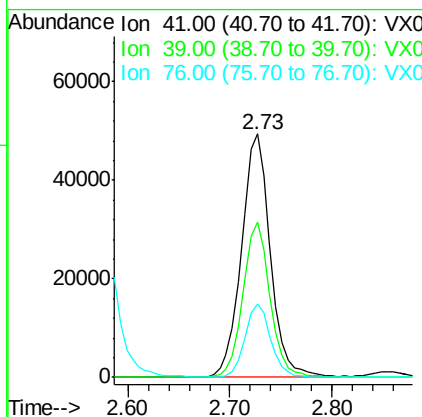
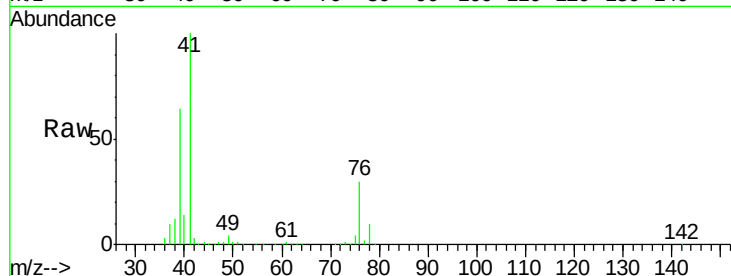
#17
Allvl chloride
Concen: 19.487 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	63.7	35.8	107.4
76	30.2	18.3	54.9

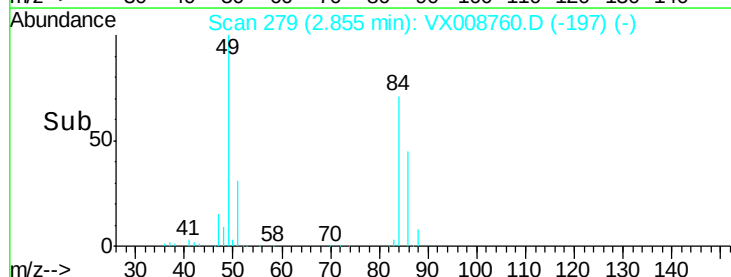
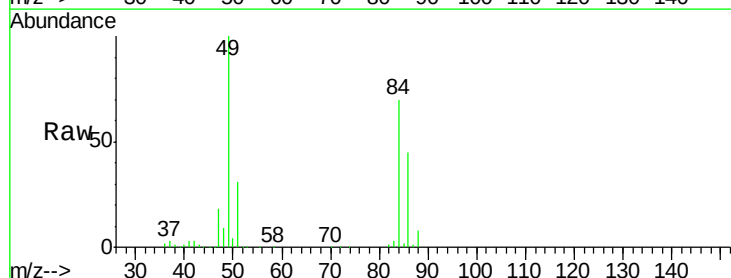
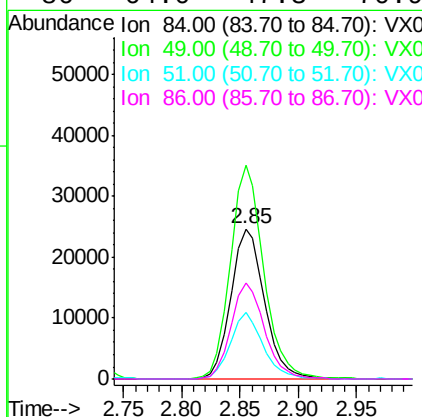
Manual Integrations
APPROVED

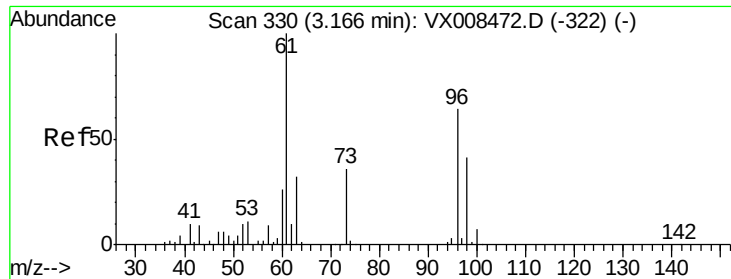
MMDadoda
4/10/2019 4:20:51 PM



#18
Methylene Chloride
Concen: 18.744 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	142.0	96.1	144.1
51	44.2	29.1	43.7#
86	64.0	47.3	70.9





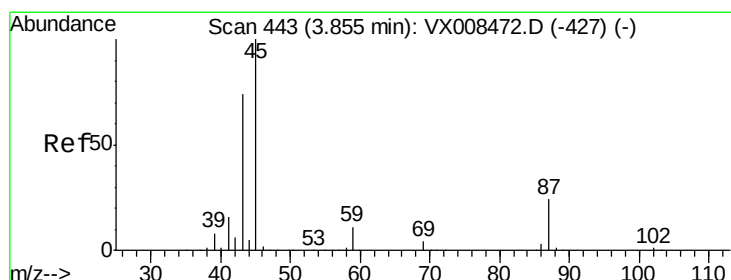
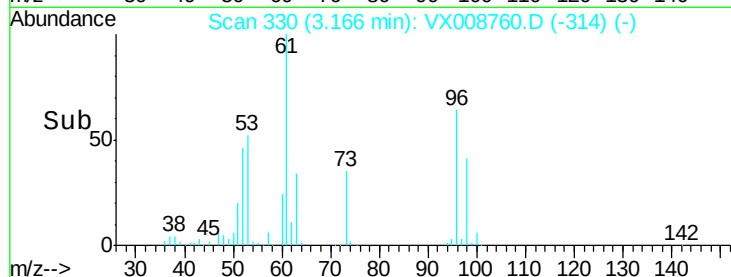
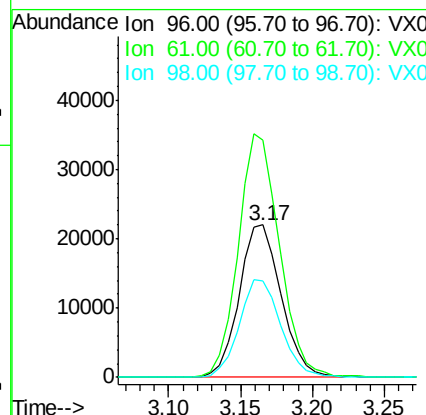
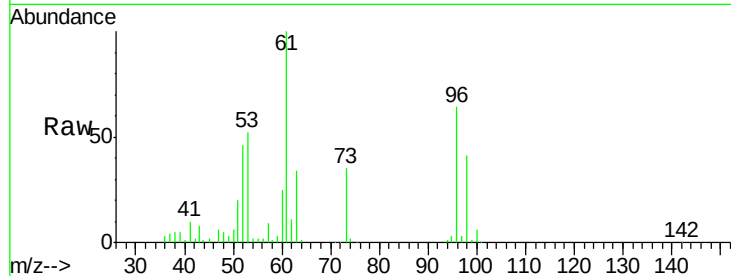
#19
trans-1,2-Dichloroethene
Concen: 18.714 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.2	109.9	164.9
98	63.1	50.4	75.6

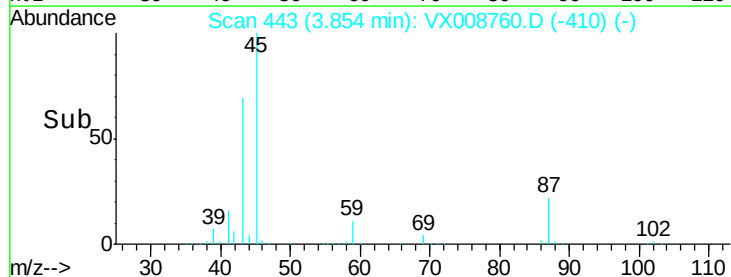
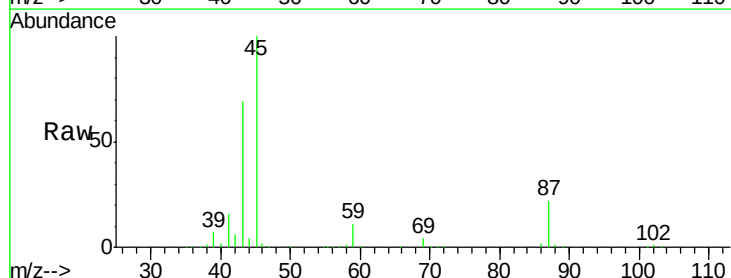
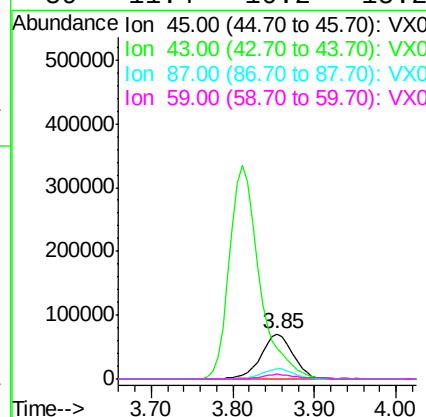
Manual Integrations
APPROVED

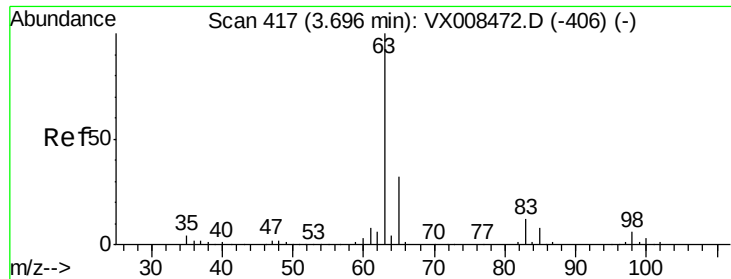
MMDadoda
4/10/2019 4:20:51 PM



#20
Diisopropyl ether
Concen: 19.990 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	69.1	50.6	76.0
87	22.5	24.5	36.7#
59	11.4	10.2	15.2





#21

1,1-Dichloroethane

Concen: 19.340 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

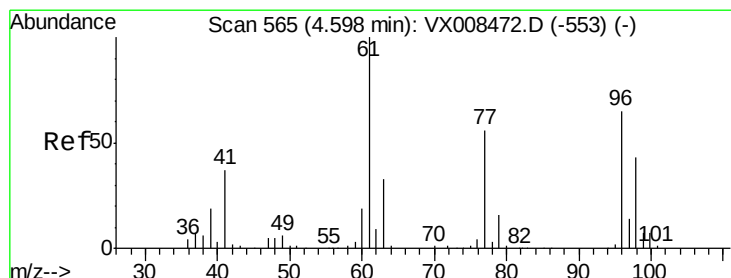
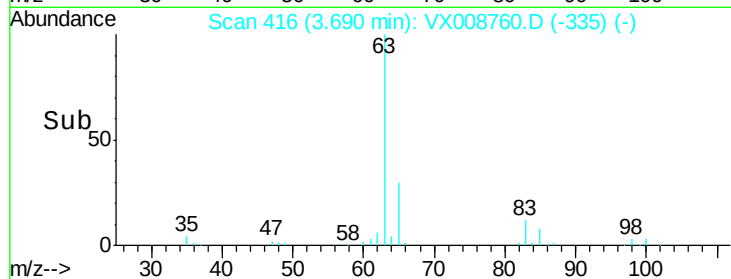
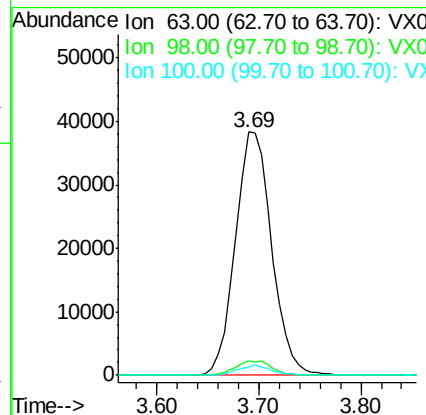
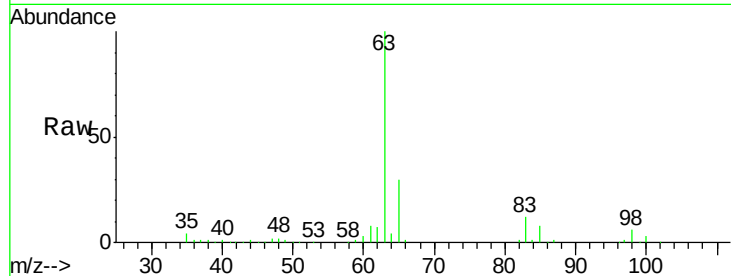
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	94531
Ion	Ratio	Lower	Upper
63	100		
98	6.0	3.8	11.4
100	3.4	2.4	7.1

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#22

cis-1,2-Dichloroethene

Concen: 19.167 ug/l

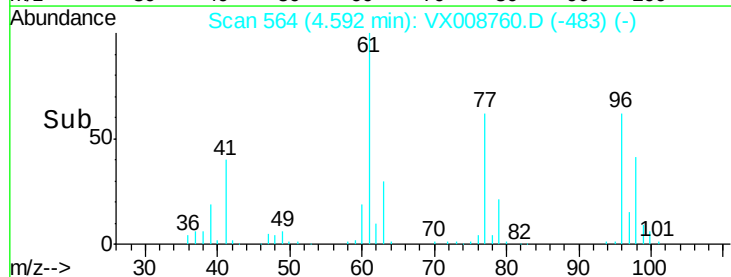
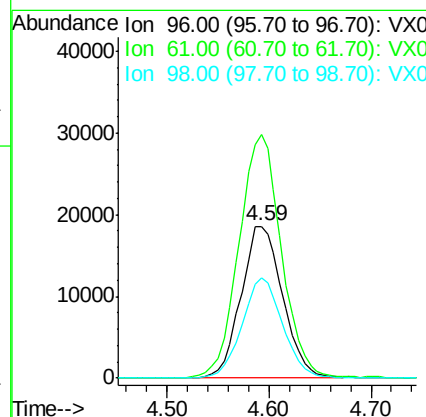
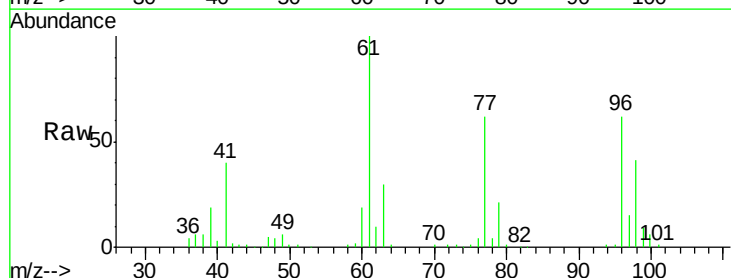
RT: 4.59 min Scan# 564

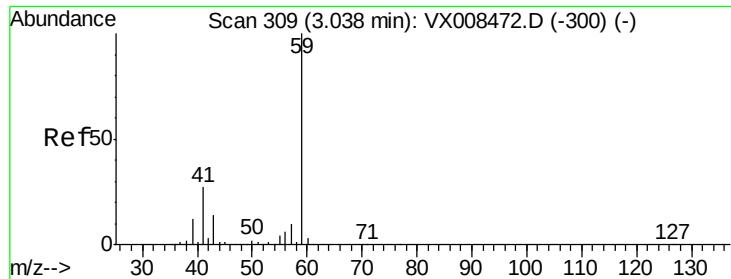
Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	96	Resp:	52676
Ion	Ratio	Lower	Upper
96	100		
61	163.4	103.5	155.3#
98	64.4	52.1	78.1





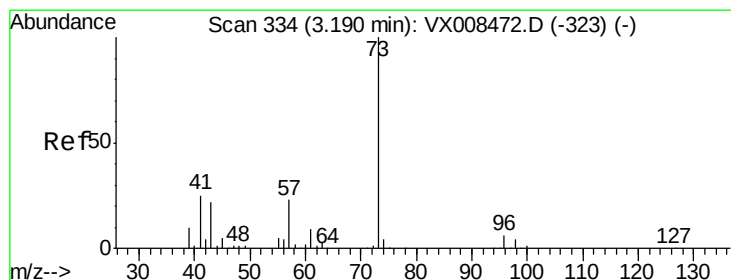
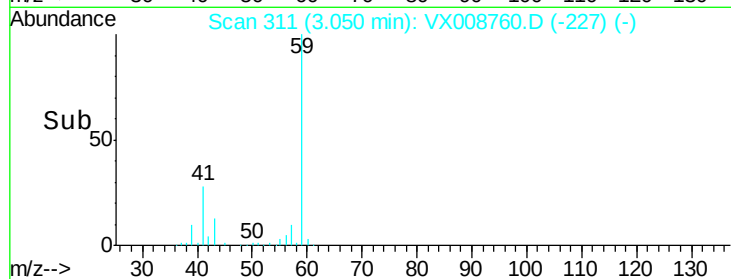
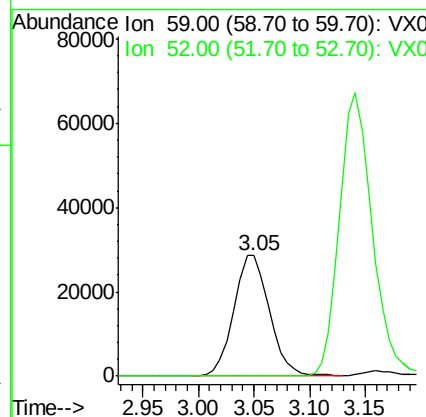
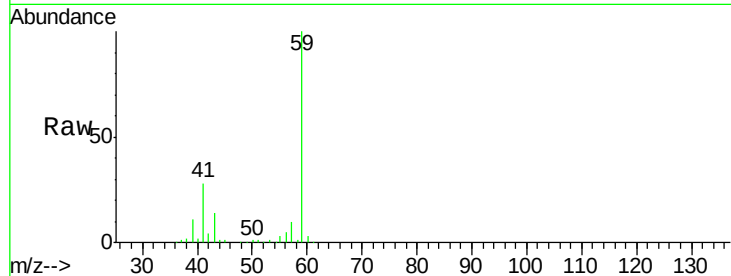
#23
 tert-Butyl Alcohol
 Concen: 94.865 ug/l
 RT: 3.05 min Scan# 311
 Delta R.T. 0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	59	Ratio	Lower	Upper
59	100			
52	0.1	0.2	0.2	0.2

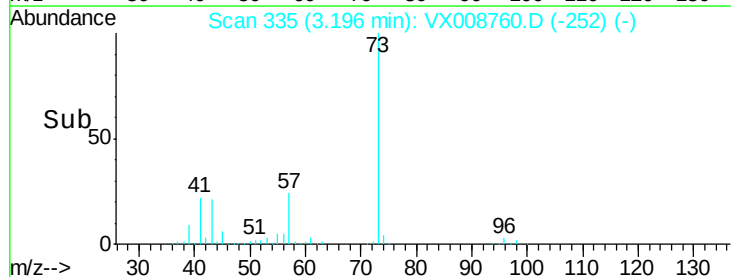
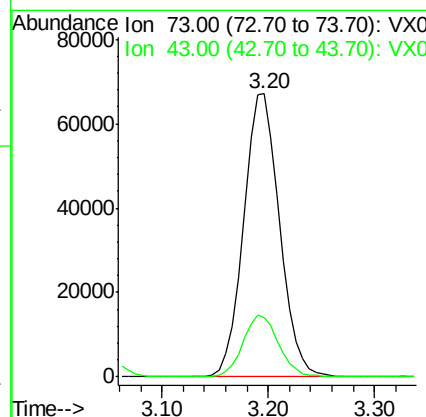
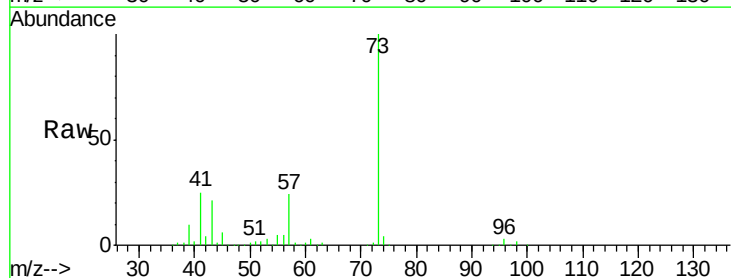
Manual Integrations
 APPROVED

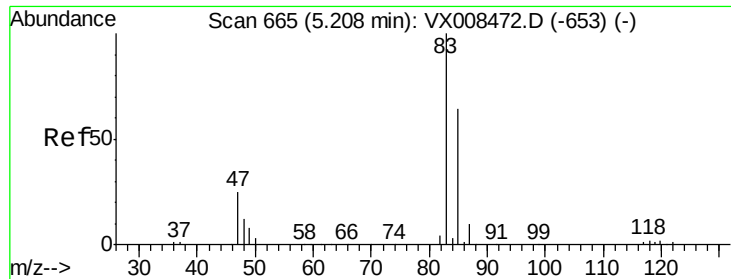
MMDadoda
 4/10/2019 4:20:51 PM



#24
 Methyl tert-Butyl Ether
 Concen: 19.465 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	73	Ratio	Lower	Upper
73	100			
43	21.7	17.1	25.7	





#25

Chloroform

Concen: 19.386 ug/l

RT: 5.21 min Scan# 665

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 85832

Ion Ratio Lower Upper

83 100

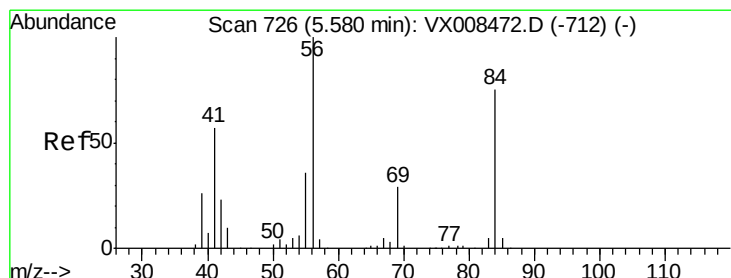
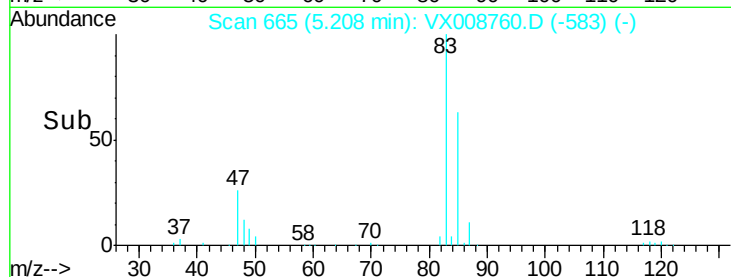
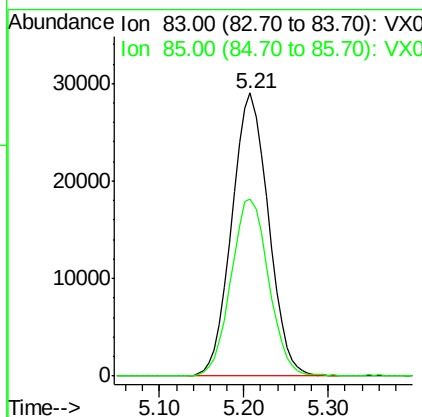
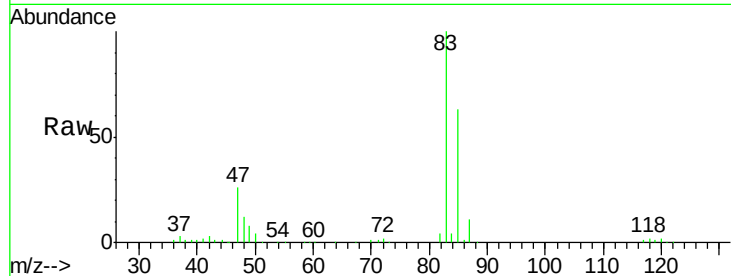
85 62.8 53.8 80.6

Manual Integrations

APPROVED

MMDadoda

4/10/2019 4:20:51 PM



#26

Cyclohexane

Concen: 19.309 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

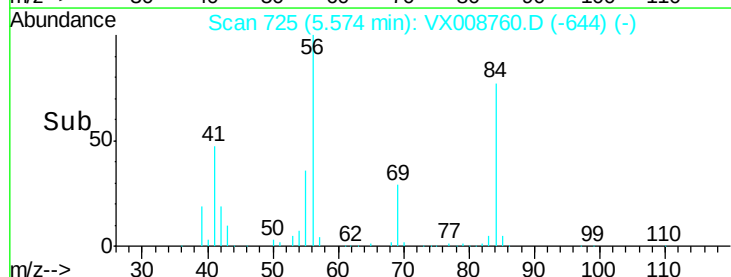
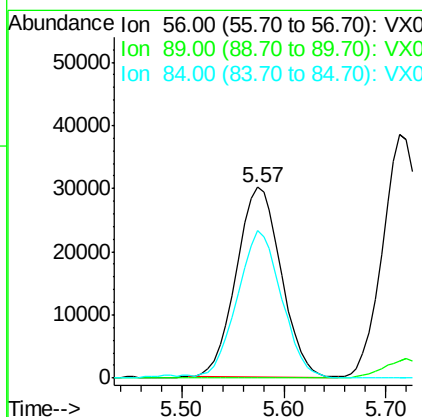
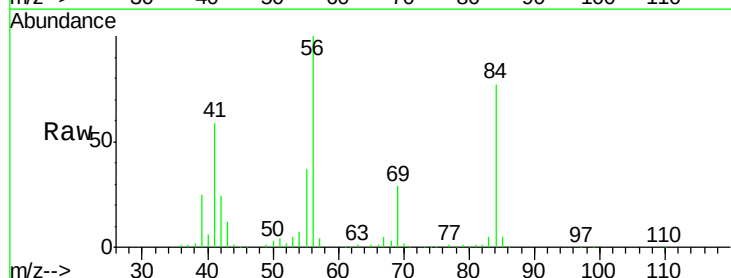
Tgt Ion: 56 Resp: 91691

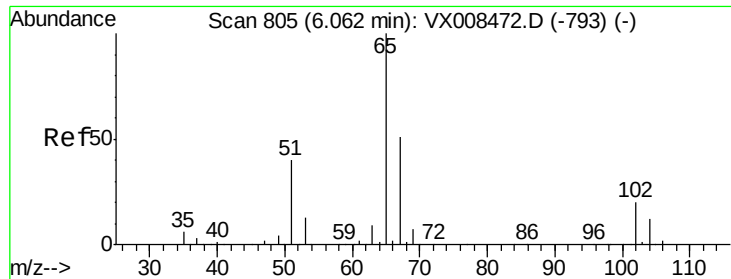
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 77.0 73.9 110.9





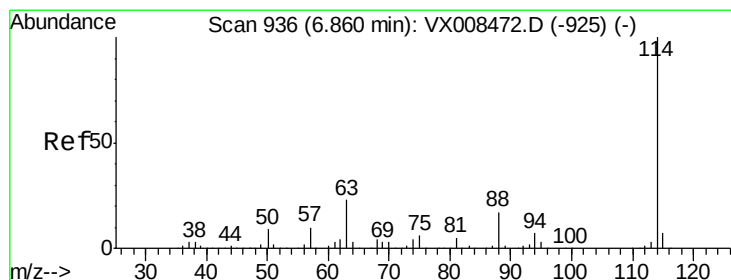
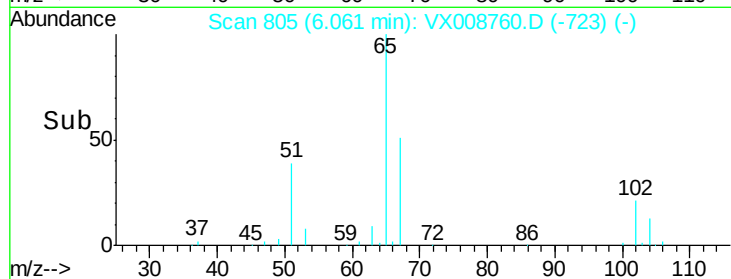
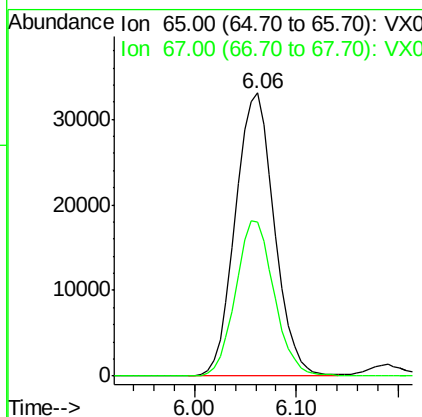
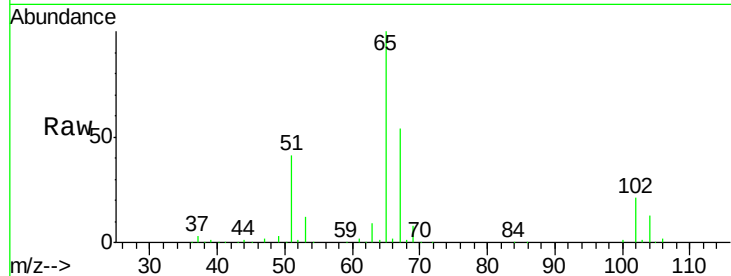
#27
 1,2-Dichloroethane-d4
 Concen: 29.890 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.0	42.9	64.3

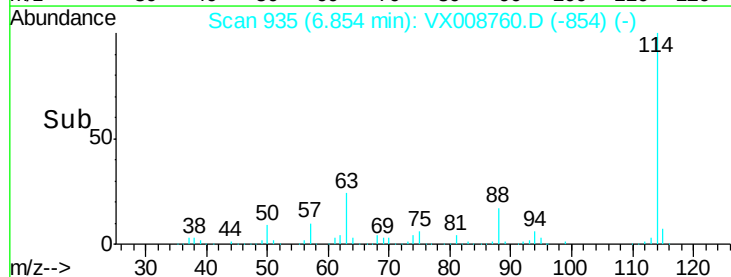
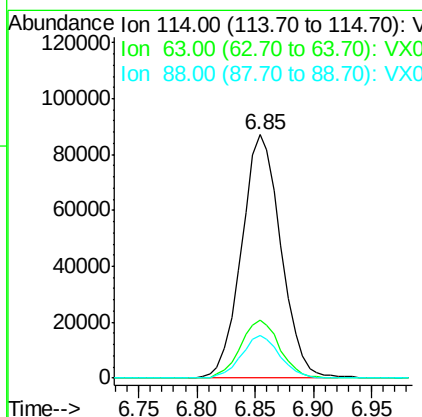
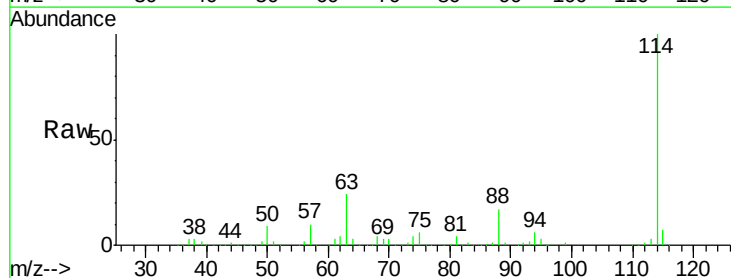
Manual Integrations
 APPROVED

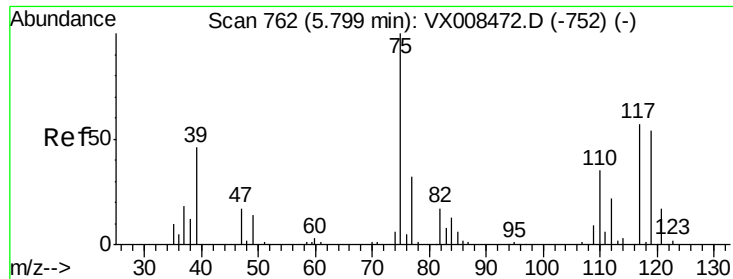
MMDadoda
 4/10/2019 4:20:51 PM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.7	14.2	21.4#
88	17.0	11.9	17.9





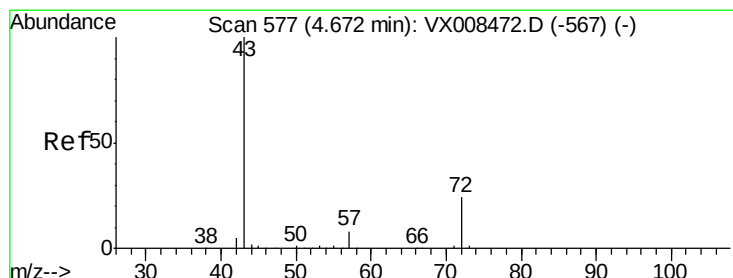
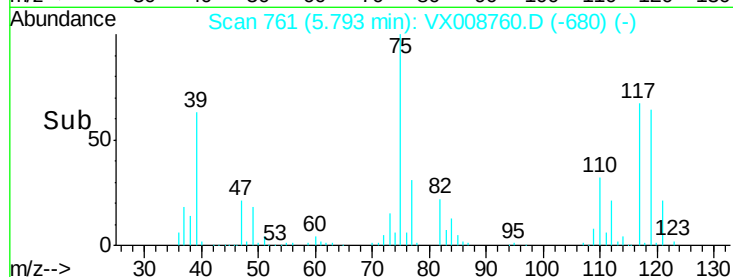
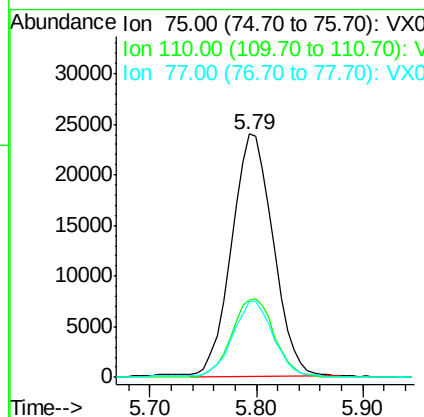
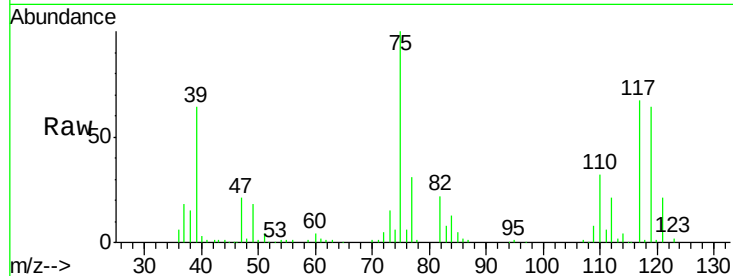
#29
 1,1-Dichloropropene
 Concen: 19.046 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.3	0.0	80.8
77	31.3	0.0	62.4

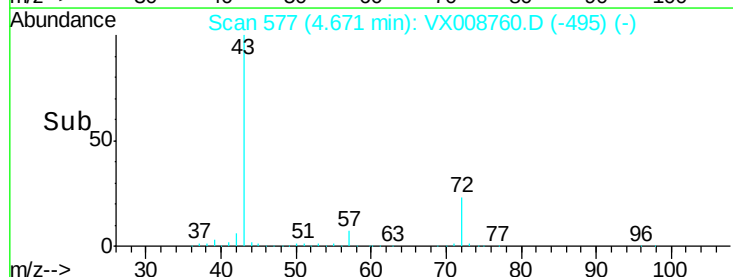
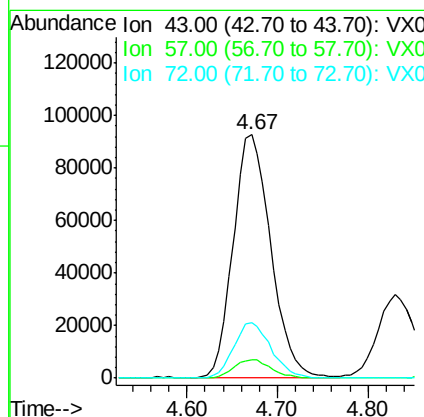
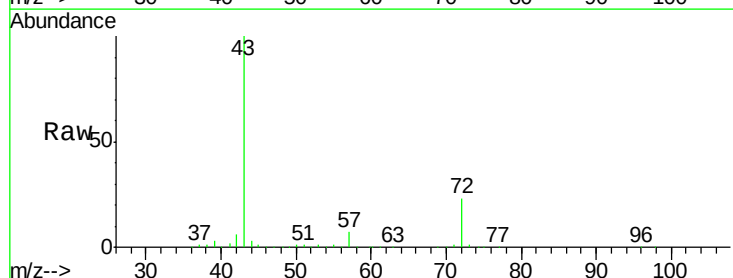
Manual Integrations
 APPROVED

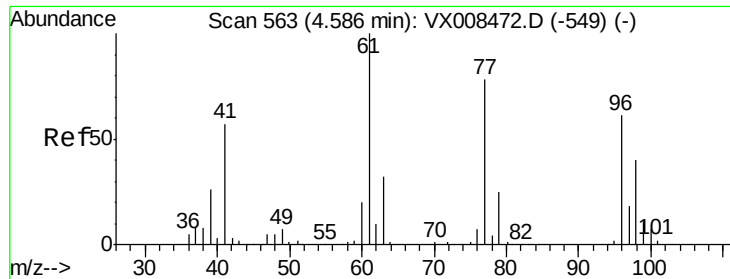
MMDadoda
 4/10/2019 4:20:51 PM



#30
 2-Butanone
 Concen: 105.273 ug/l
 RT: 4.67 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.6	7.0	10.6
72	22.8	21.5	32.3





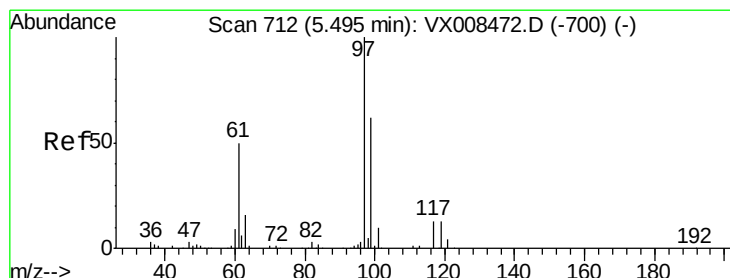
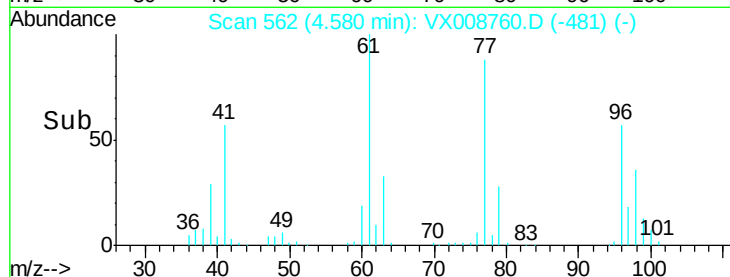
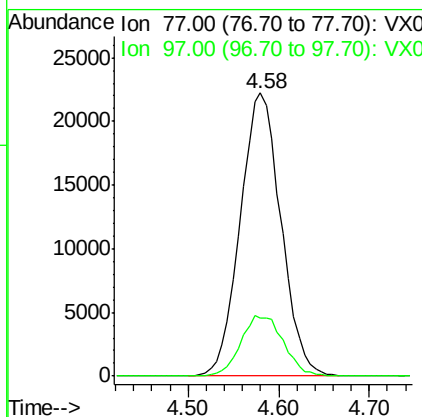
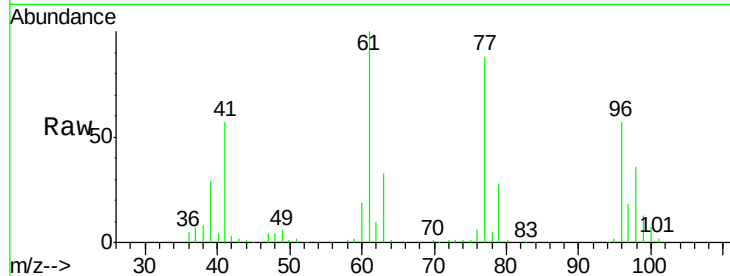
#31
 2,2-Dichloropropane
 Concen: 20.144 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 69276
 Ion Ratio Lower Upper
 77 100
 97 14.0 20.6 31.0#

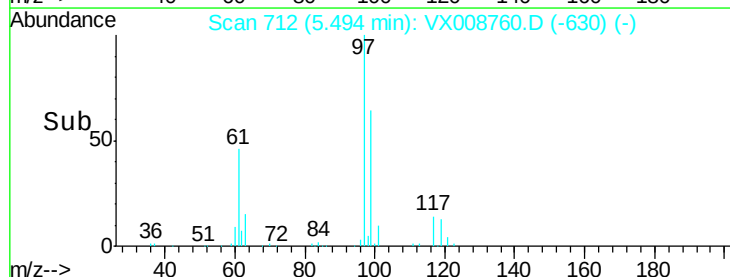
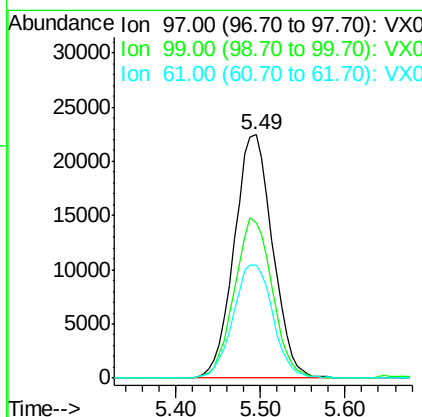
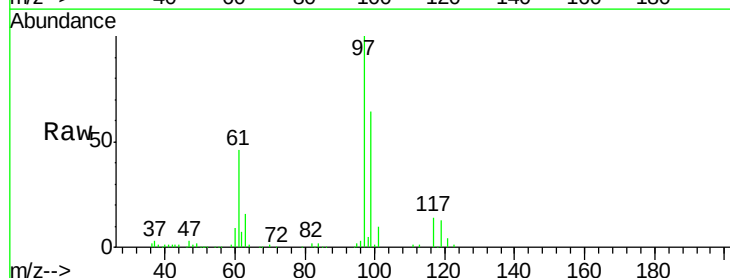
Manual Integrations
 APPROVED

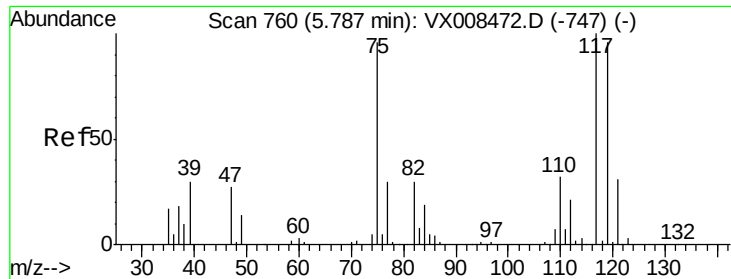
MMDadoda
 4/10/2019 4:20:51 PM



#32
 1,1,1-Trichloroethane
 Concen: 19.414 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 97 Resp: 69419
 Ion Ratio Lower Upper
 97 100
 99 64.6 51.7 77.5
 61 47.9 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.404 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

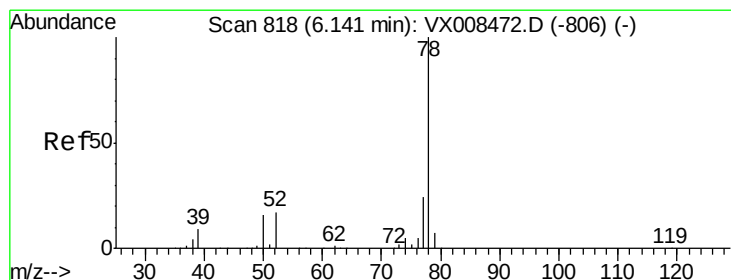
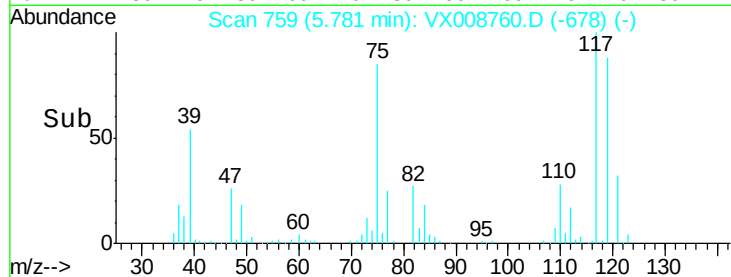
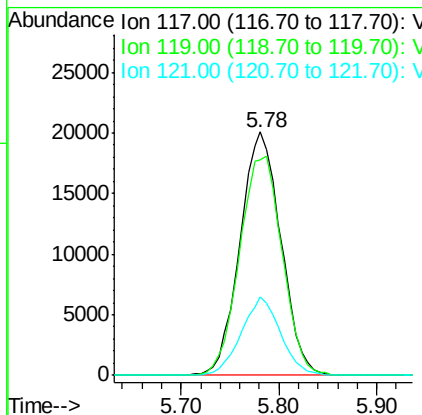
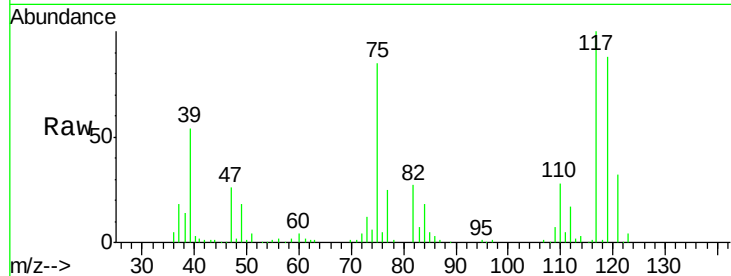
ClientSampled :

VSTDCCC020

Tot Ion:	117	Resp:	58051
Ion Ratio	Lower	Upper	
117	100		
119	88.3	78.1	117.1
121	32.3	27.0	40.6

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#34

Benzene

Concen: 19.367 ug/l

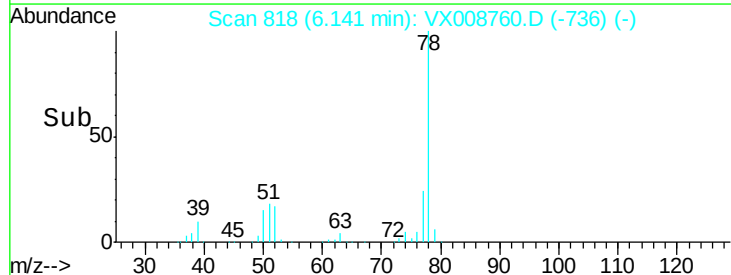
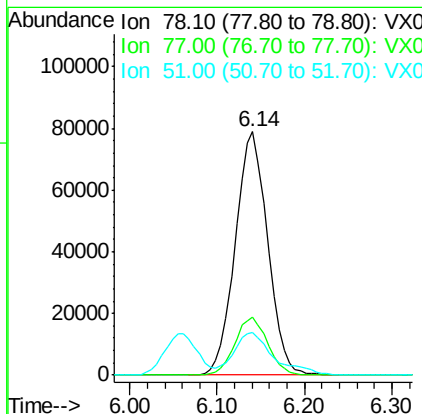
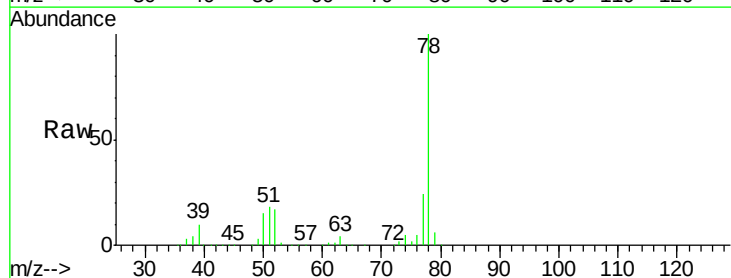
RT: 6.14 min Scan# 818

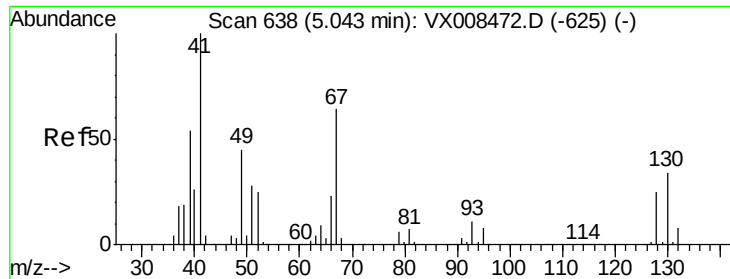
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	78	Resp:	203855
Ion Ratio	Lower	Upper	
78	100		
77	23.9	19.1	28.7
51	17.5	10.8	16.2#





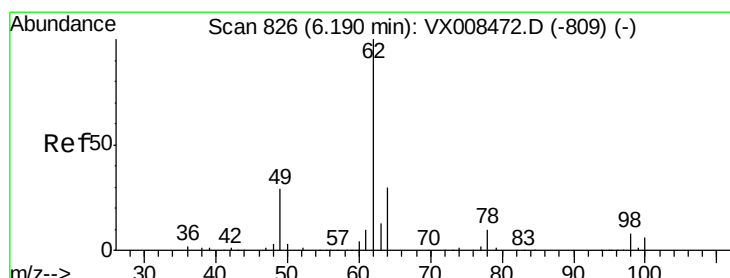
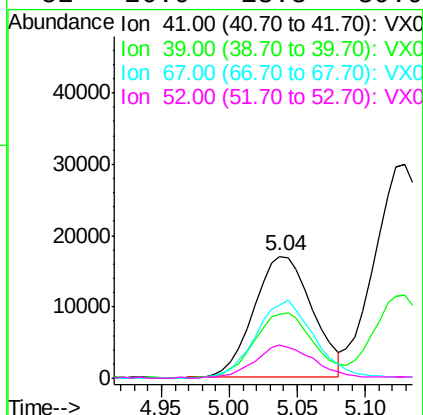
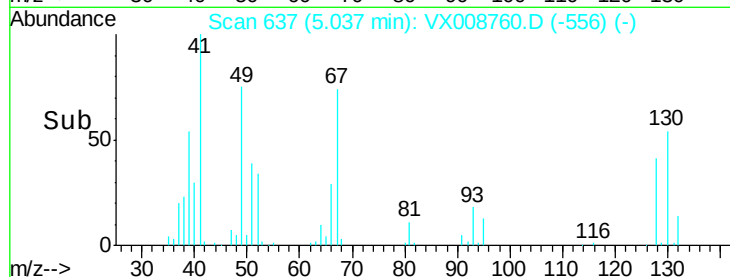
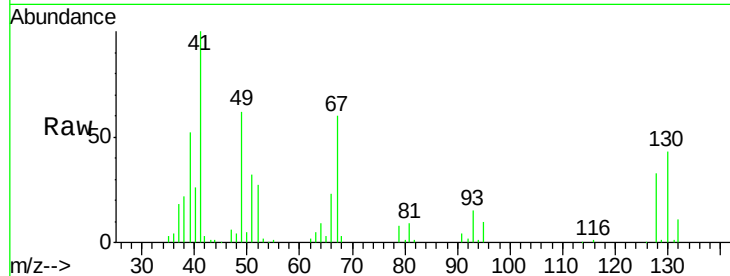
#35
Methacrylonitrile
Concen: 19.928 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	41	Resp:	51314
Ion	Ratio	Lower	Upper
41	100		
39	52.1	27.4	82.0
67	59.9	37.9	113.6
52	26.9	13.3	39.9

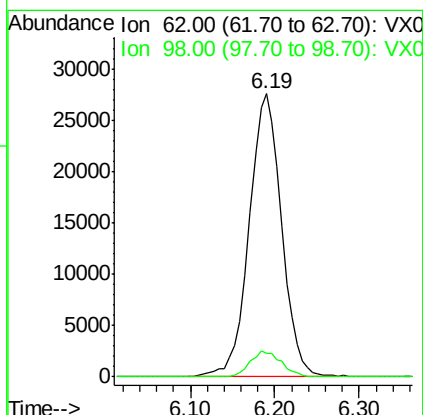
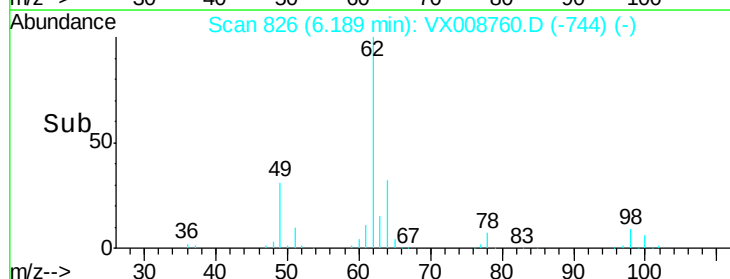
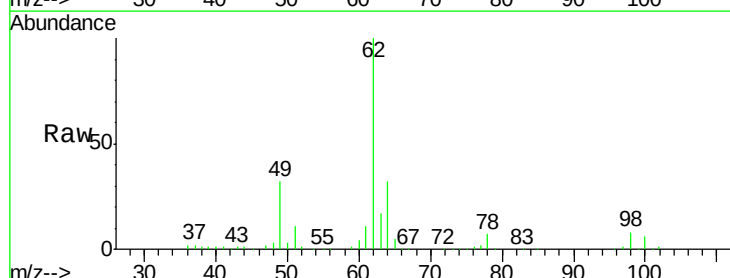
Manual Integrations
APPROVED

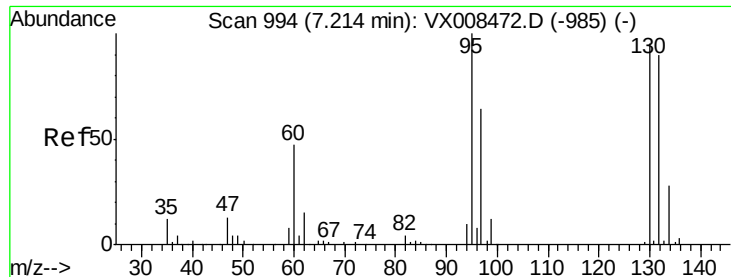
MMDadoda
4/10/2019 4:20:51 PM



#36
1,2-Dichloroethane
Concen: 19.285 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	62	Resp:	72372
Ion	Ratio	Lower	Upper
62	100		
98	8.7	7.8	11.8





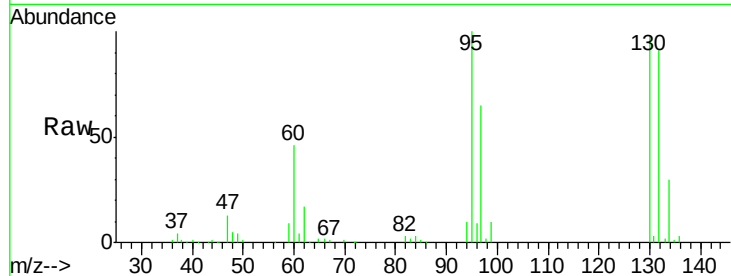
#37
 Trichloroethene
 Concen: 19.834 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

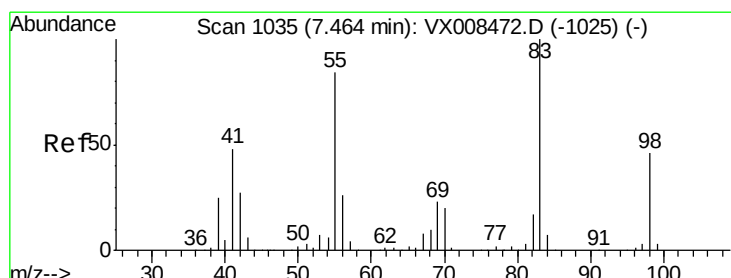
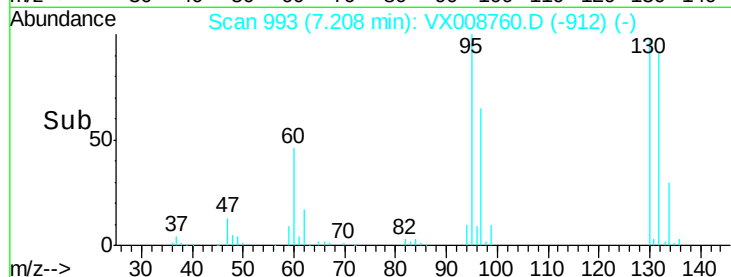
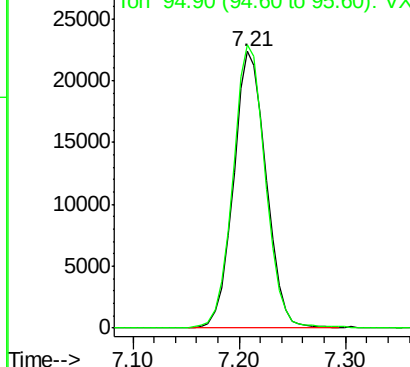
Tot Ion:130 Resp: 48011
 Ion Ratio Lower Upper
 130 100
 95 102.3 71.3 106.9

Manual Integrations
 APPROVED

MMDadoda
 4/10/2019 4:20:51 PM

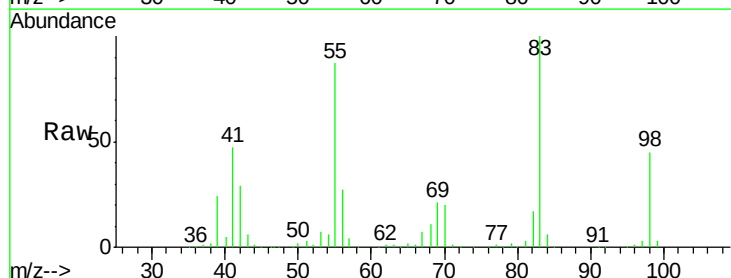


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

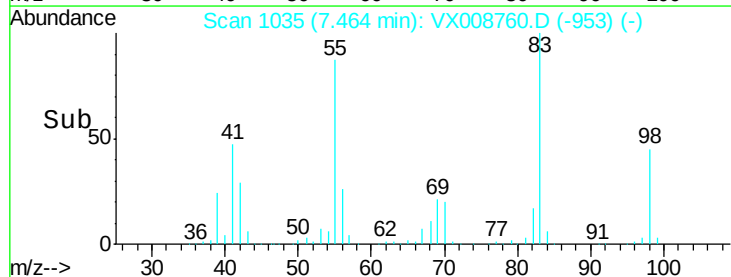
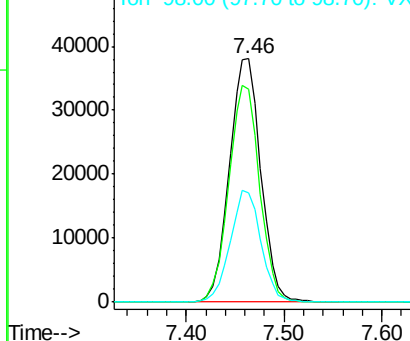


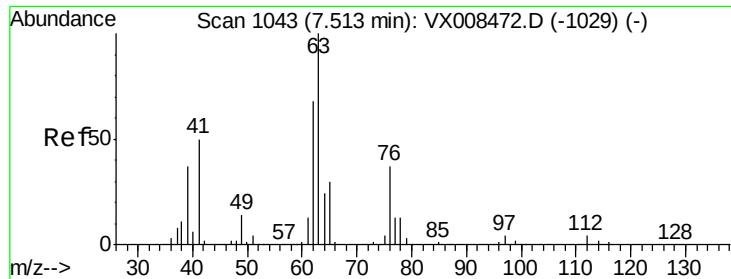
#38
 Methylcyclohexane
 Concen: 19.565 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion: 83 Resp: 84892
 Ion Ratio Lower Upper
 83 100
 55 86.8 36.0 108.0
 98 44.8 23.8 71.4



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: 19.195 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 57306

Ion Ratio Lower Upper

63 100

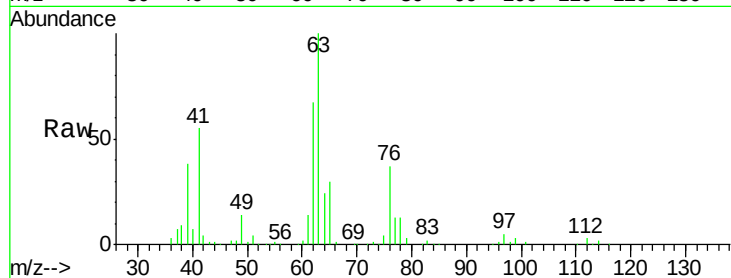
65 30.3 24.6 37.0

Manual Integrations

APPROVED

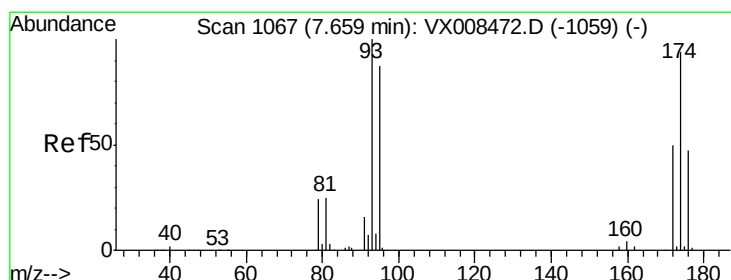
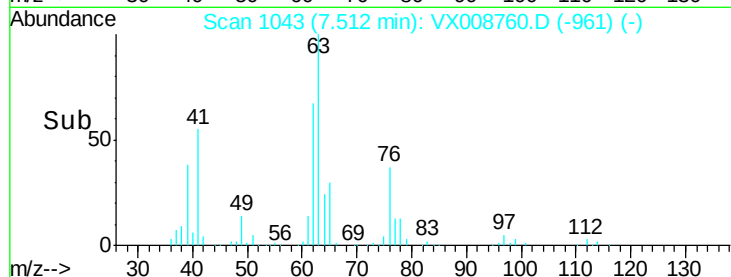
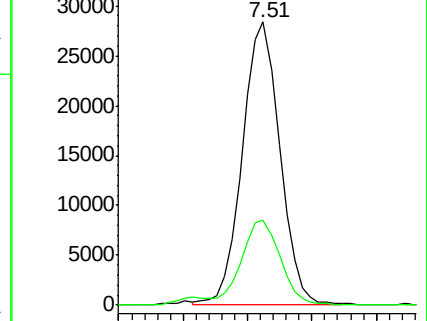
MMDadoda

4/10/2019 4:20:51 PM



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 18.632 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

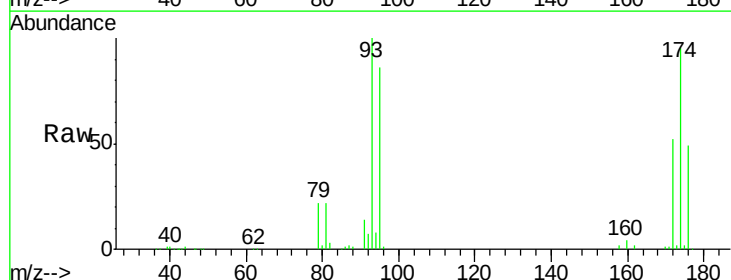
Tgt Ion: 93 Resp: 32222

Ion Ratio Lower Upper

93 100

95 84.0 0.0 158.8

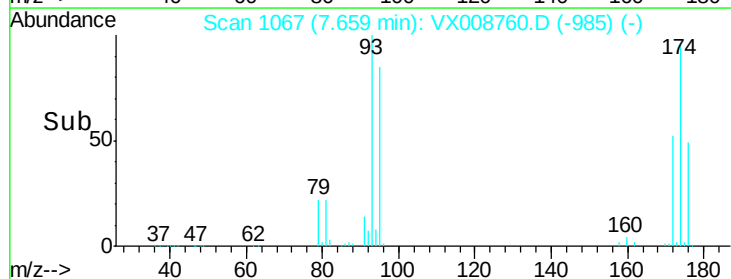
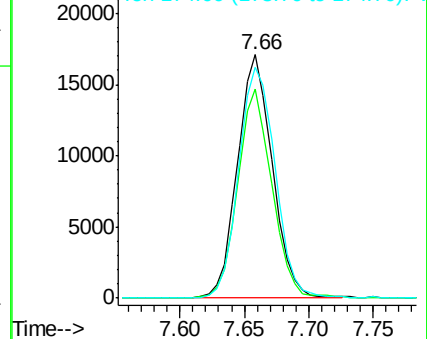
174 98.6 0.0 224.2

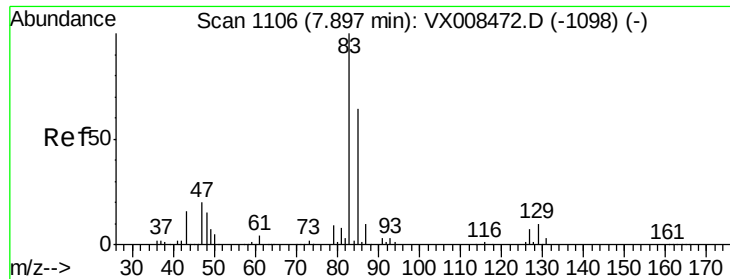


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





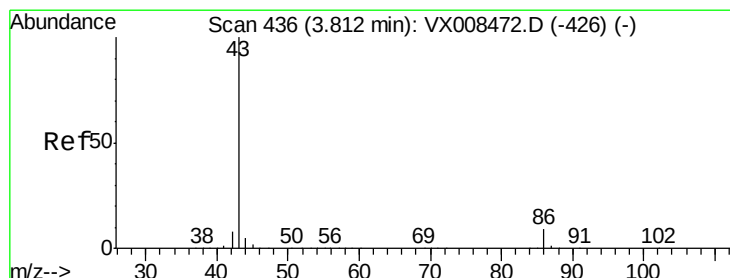
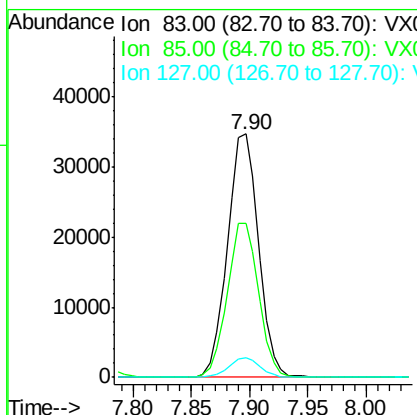
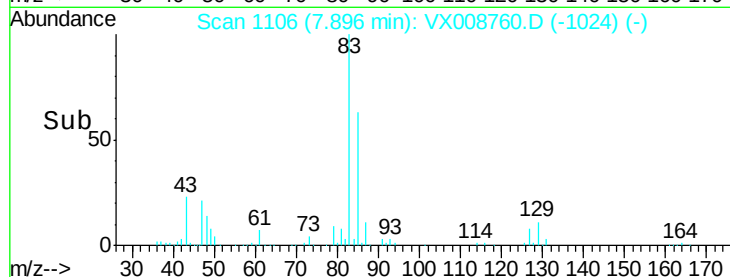
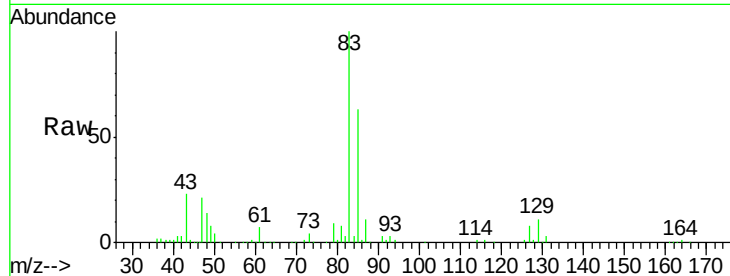
#41
 Bromodichloromethane
 Concen: 19.015 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
83	83	100	64661		
85	85	63.2		51.1	76.7
127	127	8.3		7.2	10.8

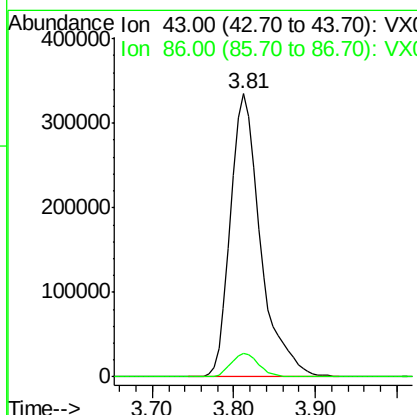
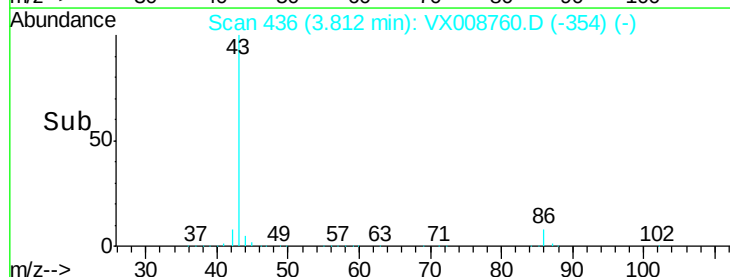
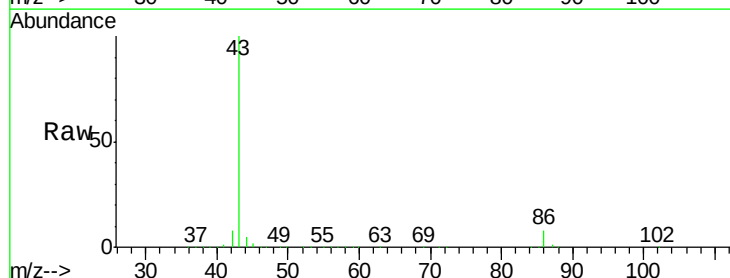
Manual Integrations
 APPROVED

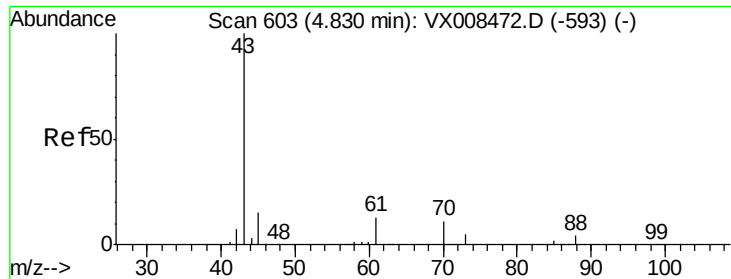
MMDadoda
 4/10/2019 4:20:51 PM



#42
 Vinyl Acetate
 Concen: 99.414 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	43	100	853324		
86	86	7.7		8.2	12.2#





#43

Ethyl Acetate

Concen: 20.444 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 93170

Ion Ratio Lower Upper

43 100

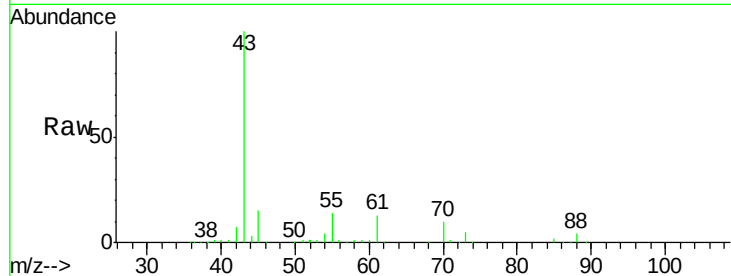
45 15.3 6.9 10.3#

Manual Integrations

APPROVED

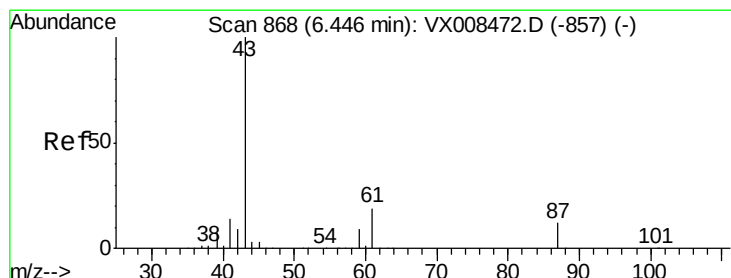
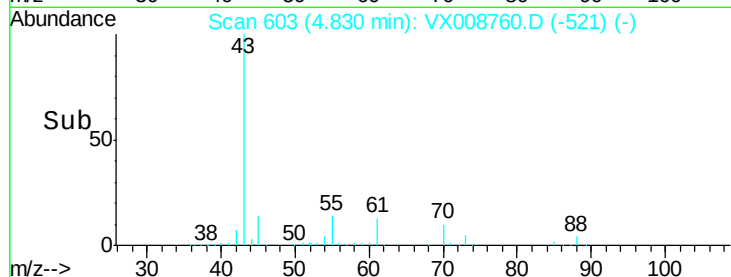
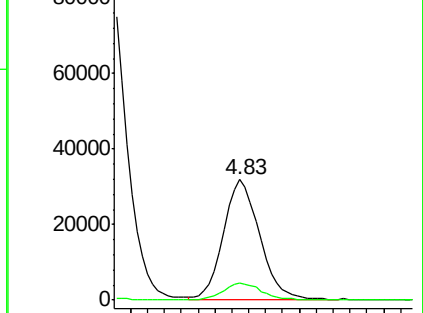
MMDadoda

4/10/2019 4:20:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 19.695 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX008760.D

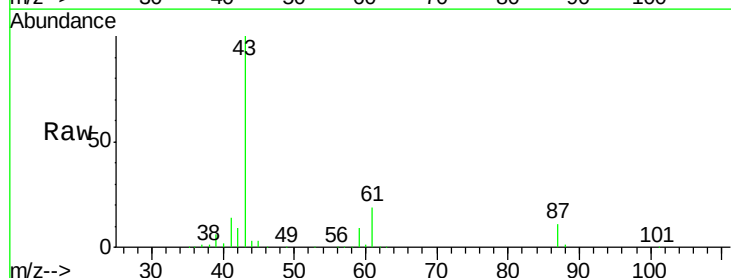
Acq: 09 Apr 2019 09:48

Tgt Ion: 43 Resp: 145132

Ion Ratio Lower Upper

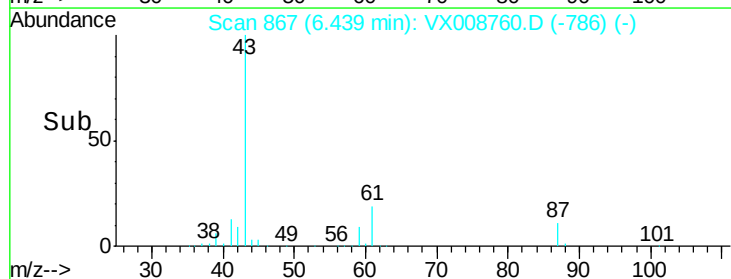
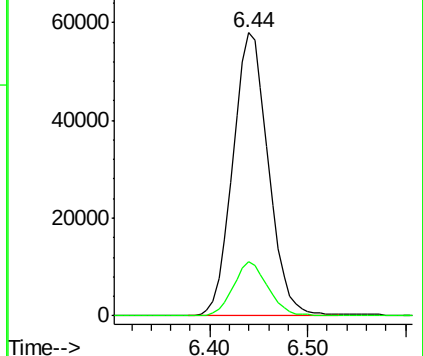
43 100

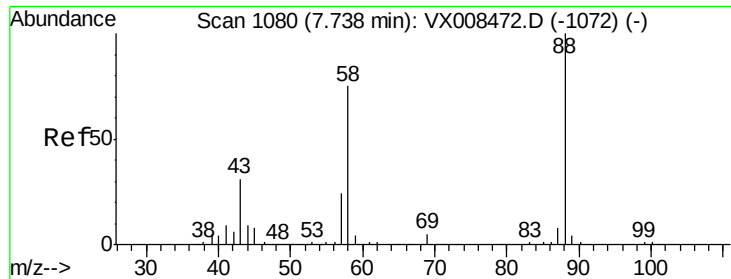
61 18.9 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 355.322 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

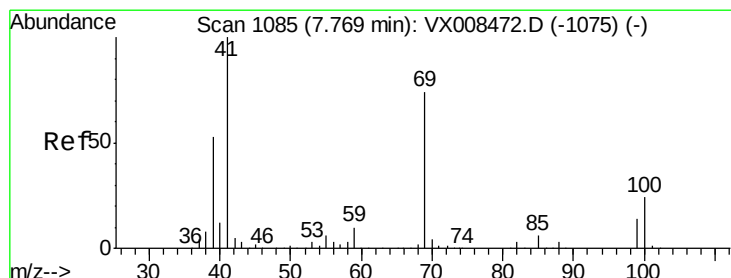
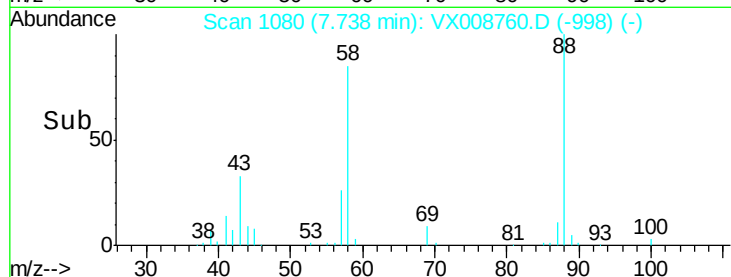
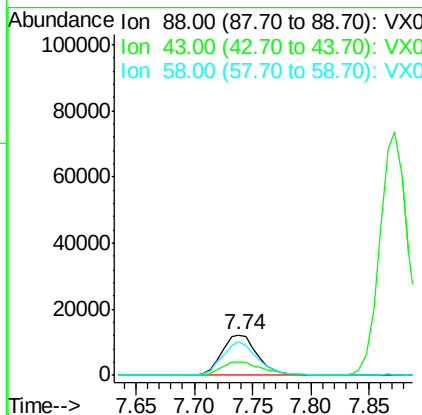
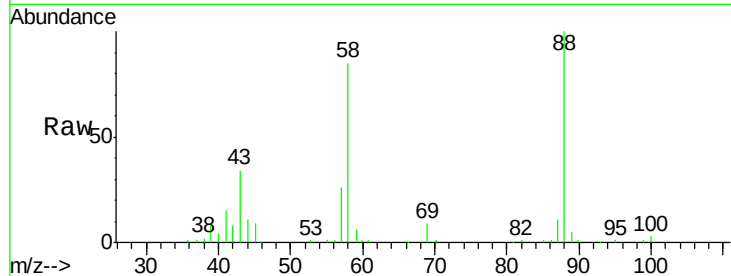
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	26066
Ion	Ratio	Lower	Upper
88	100		
43	38.0	23.6	35.4#
58	82.5	51.6	77.4#

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#46

Methyl methacrylate

Concen: 19.529 ug/l

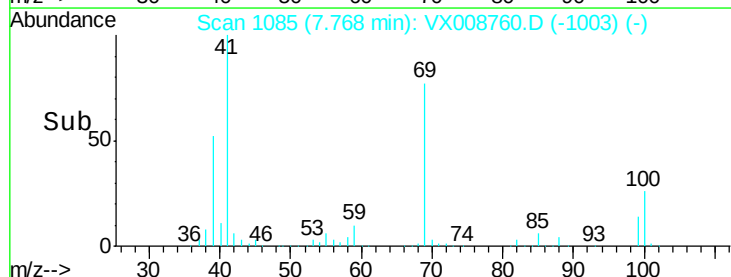
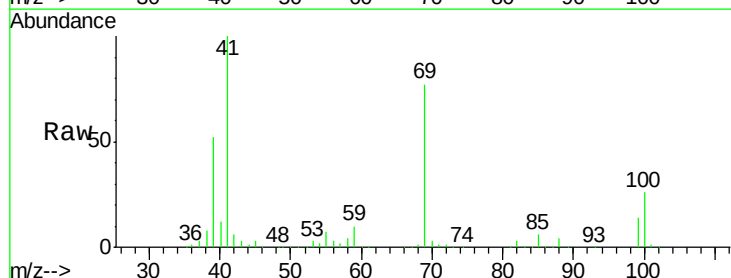
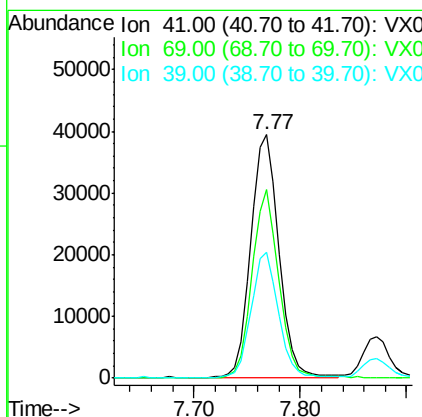
RT: 7.77 min Scan# 1085

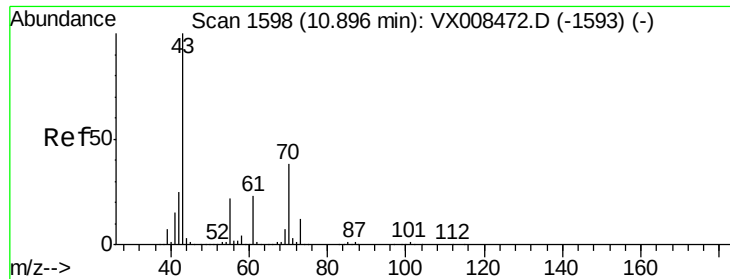
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	41	Resp:	73089
Ion	Ratio	Lower	Upper
41	100		
69	77.5	44.2	132.6
39	51.7	29.9	89.8





#47

n-amvl Acetate

Concen: 18.397 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 123150

Ion Ratio Lower Upper

43 100

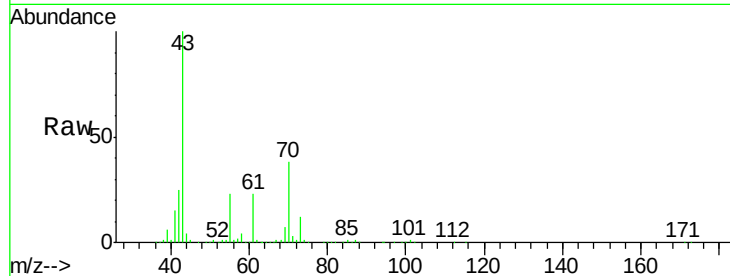
55 22.7 20.8 31.2

Manual Integrations

APPROVED

MMDadoda

4/10/2019 4:20:51 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

10.90

120000

100000

80000

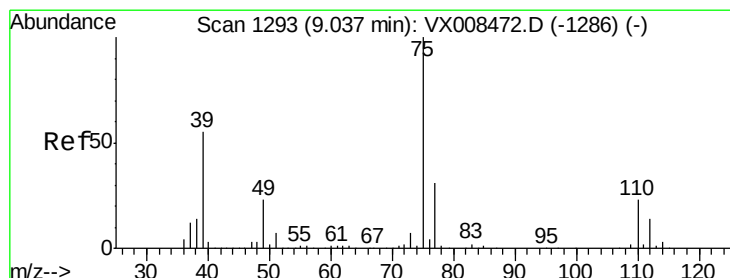
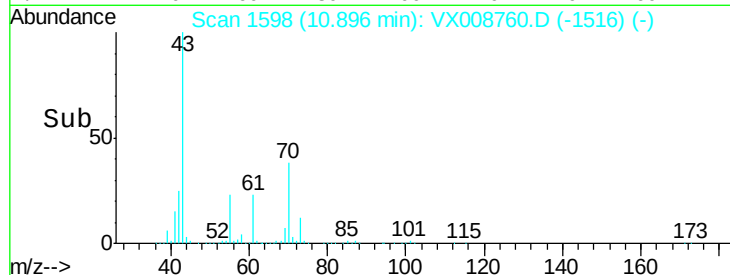
60000

40000

20000

0

Time-->



#48

t-1,3-Dichloropropene

Concen: 18.805 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX008760.D

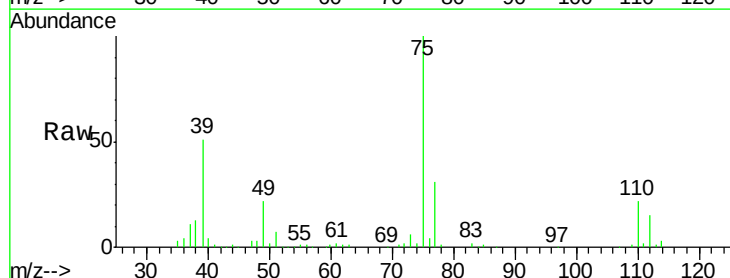
Acq: 09 Apr 2019 09:48

Tgt Ion: 75 Resp: 72227

Ion Ratio Lower Upper

75 100

77 30.8 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

9.04

60000

50000

40000

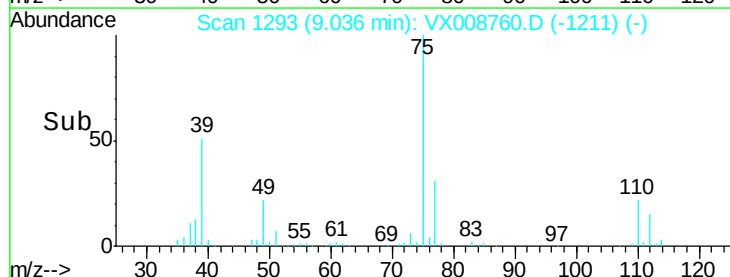
30000

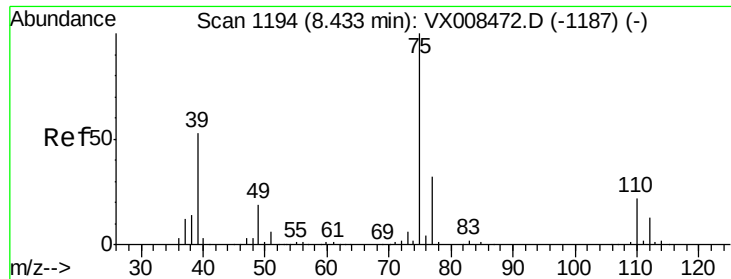
20000

10000

0

Time-->





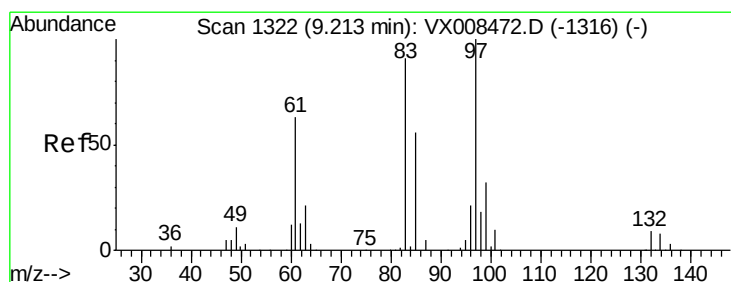
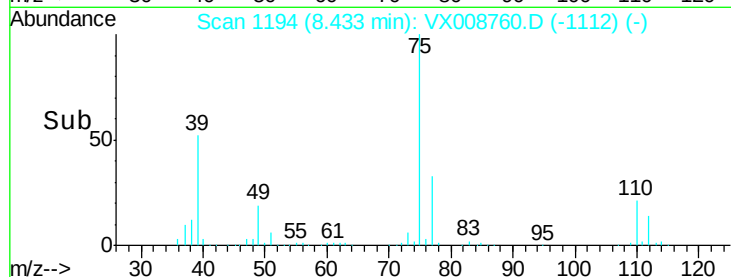
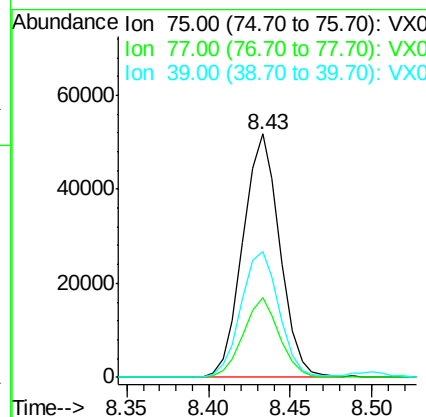
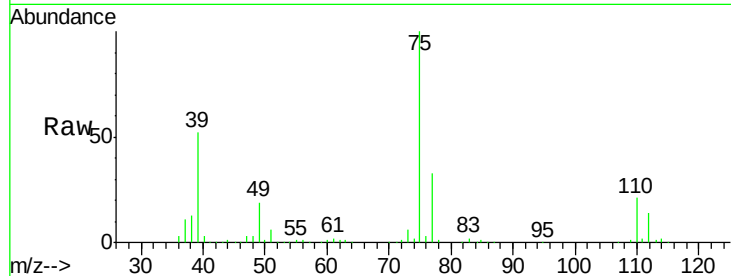
#49
 cis-1,3-Dichloropropene
 Concen: 19.045 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.0	37.4
39	51.7	38.5	57.7

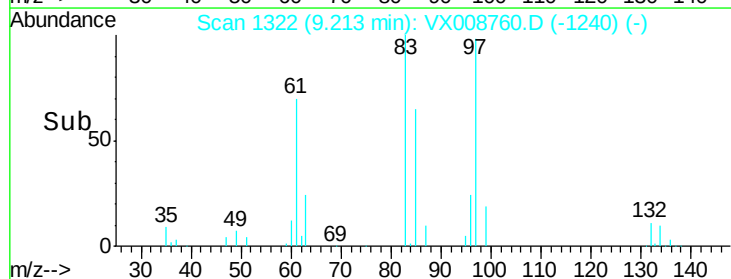
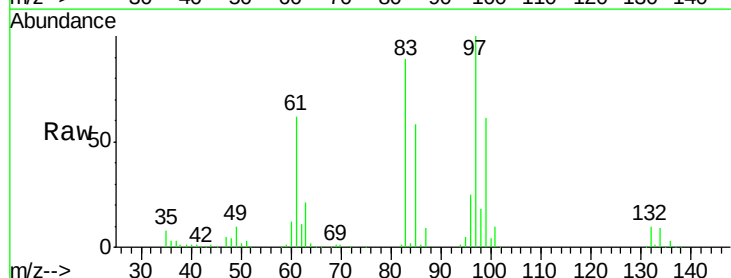
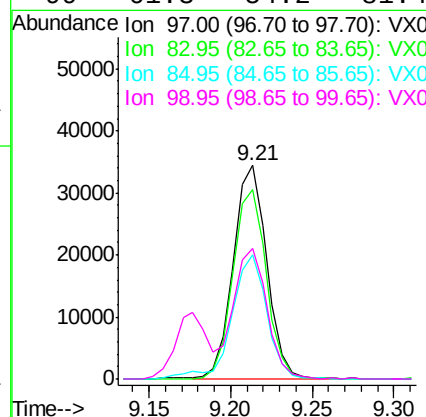
Manual Integrations
 APPROVED

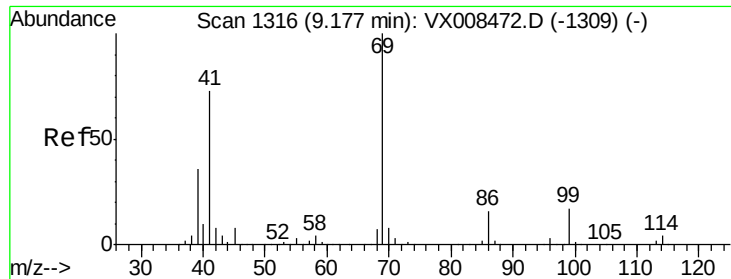
MMDadoda
 4/10/2019 4:20:51 PM



#50
 1,1,2-Trichloroethane
 Concen: 19.224 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.0	72.0	108.0
85	57.8	45.0	67.6
99	61.3	54.2	81.4





#51

Ethyl methacrylate

Concen: 18.570 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

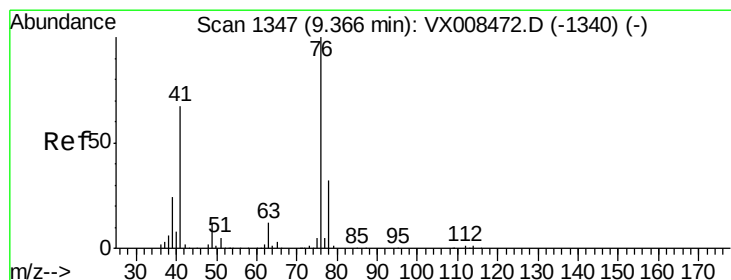
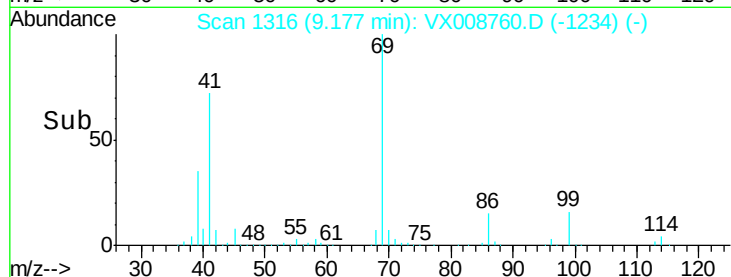
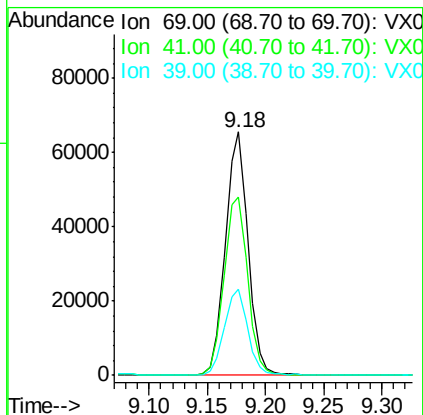
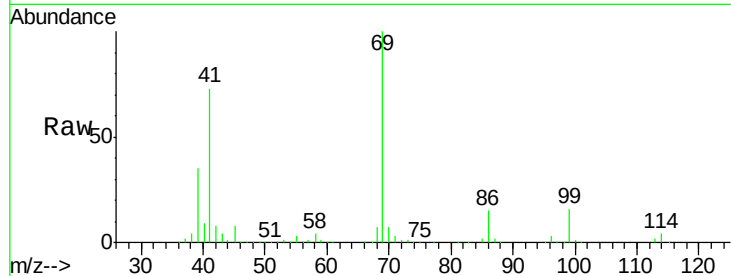
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	88737
Ion Ratio	Lower	Upper	
69	100		
41	73.2	32.1	96.5
39	35.0	18.8	56.3

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#52

1,3-Dichloropropane

Concen: 19.198 ug/l

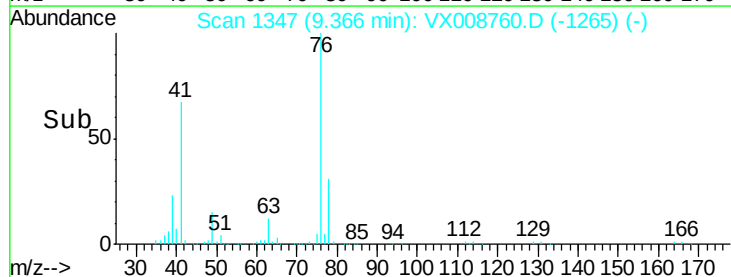
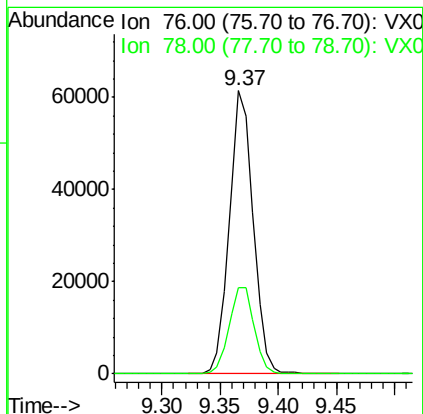
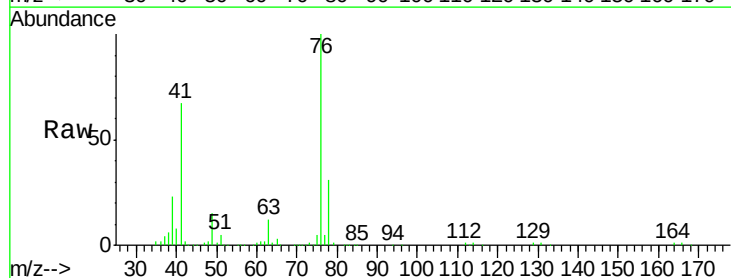
RT: 9.37 min Scan# 1347

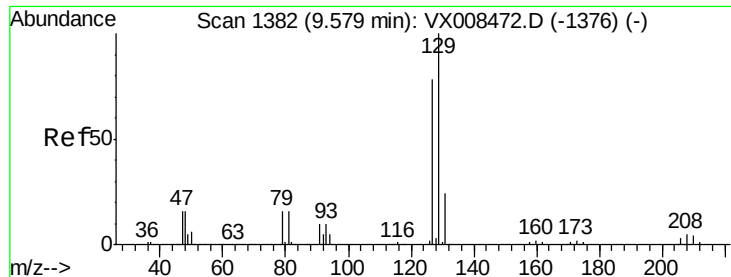
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	76	Resp:	87706
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	65.2





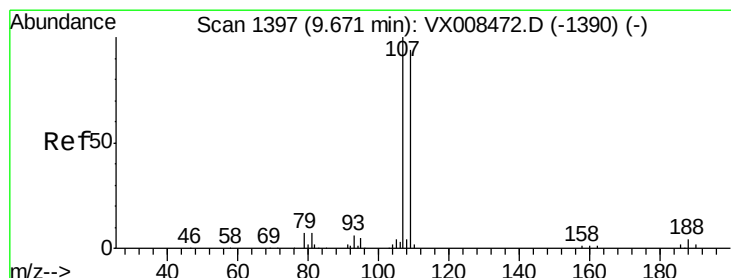
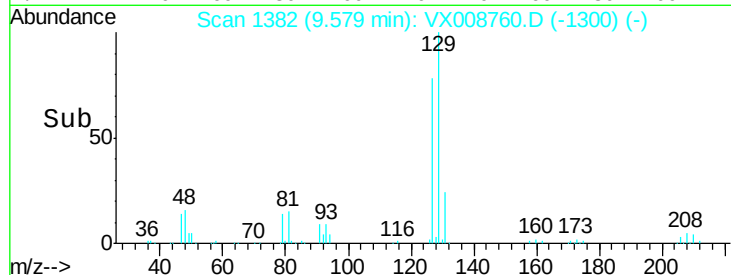
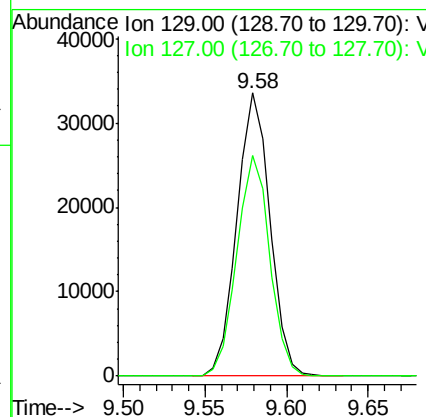
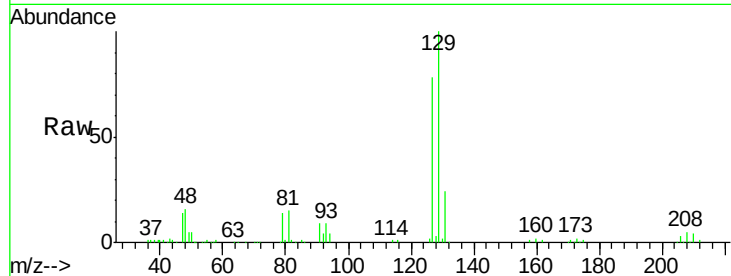
#53
Dibromochloromethane
Concen: 18.789 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:129 Resp: 47480
Ion Ratio Lower Upper
129 100
127 77.6 38.4 115.2

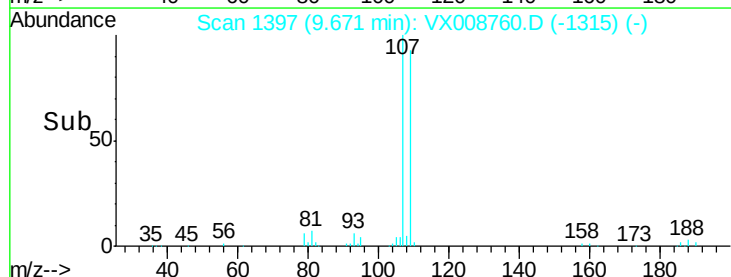
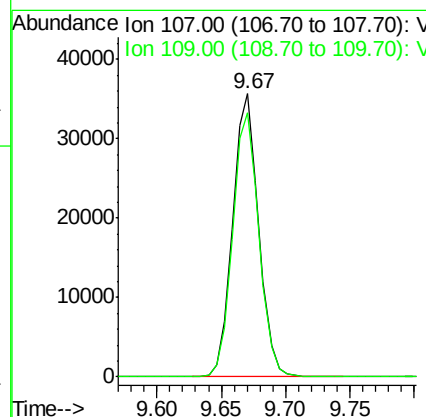
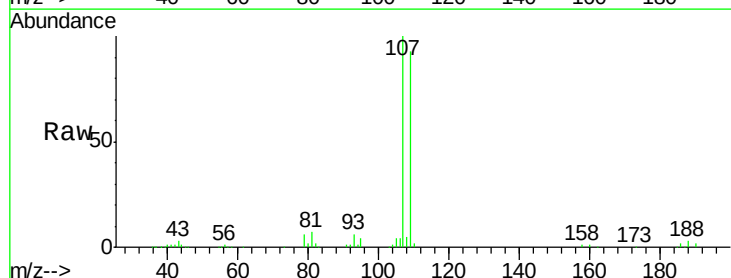
Manual Integrations
APPROVED

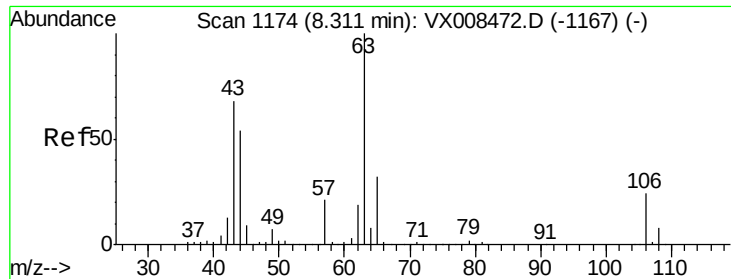
MMDadoda
4/10/2019 4:20:51 PM



#54
1,2-Dibromoethane
Concen: 19.008 ug/l
RT: 9.67 min Scan# 1397
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion:107 Resp: 50317
Ion Ratio Lower Upper
107 100
109 94.3 76.6 115.0





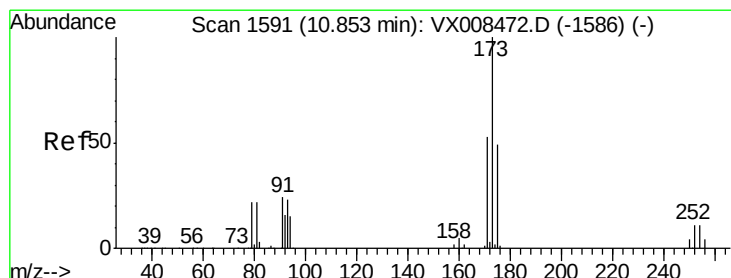
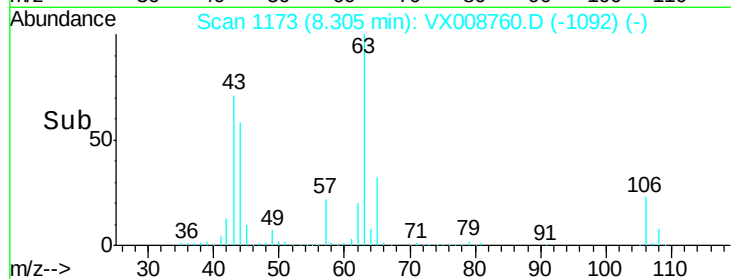
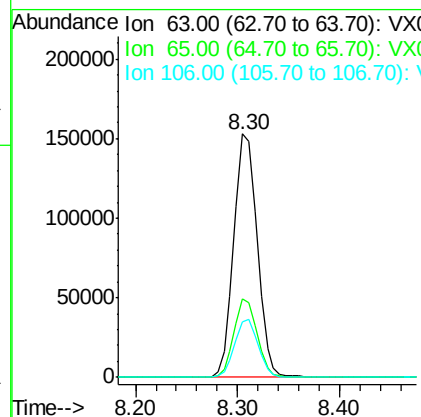
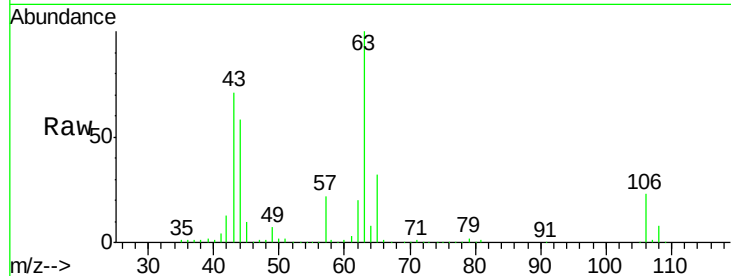
#55
2-Chloroethyl vinyl ether
Concen: 101.187 ug/l
RT: 8.30 min Scan# 1173
Delta R.T. -0.01 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	25.7	38.5
106	23.8	23.7	35.5

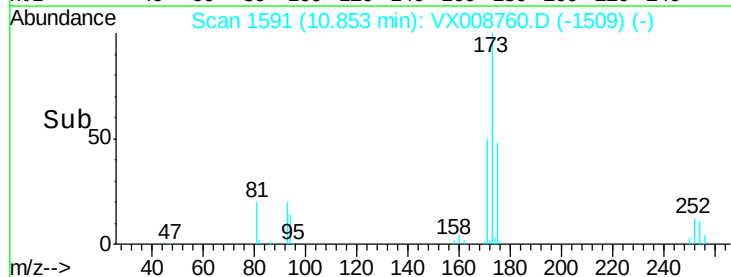
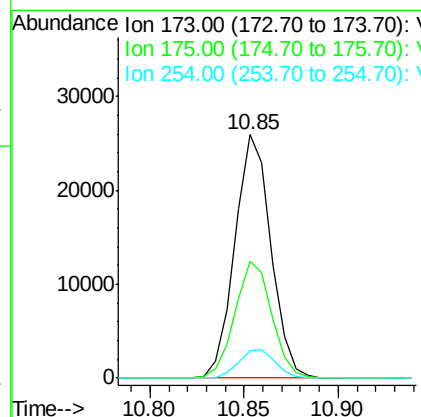
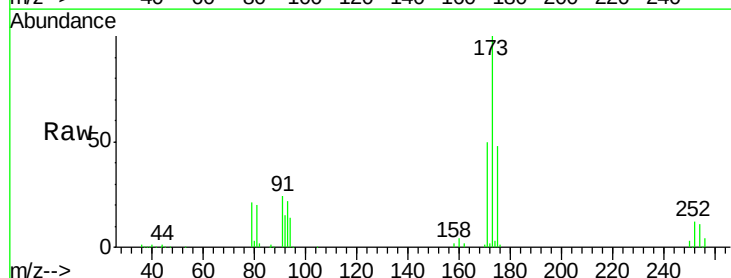
Manual Integrations
APPROVED

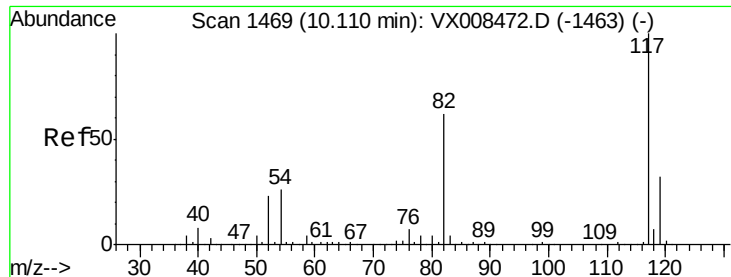
MMDadoda
4/10/2019 4:20:51 PM



#56
Bromoform
Concen: 18.652 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	38.5	57.7
254	11.8	7.4	11.2





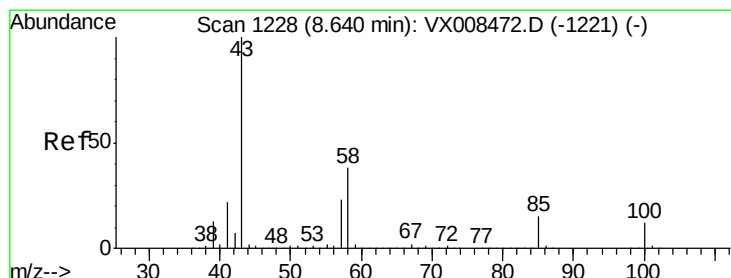
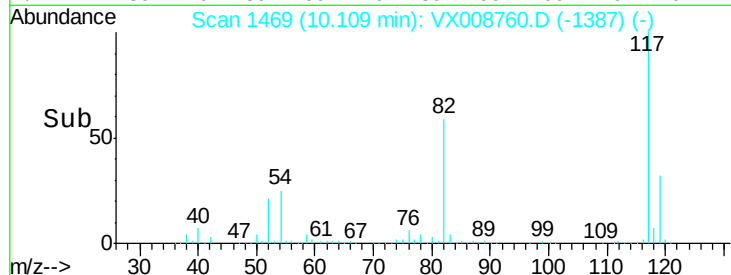
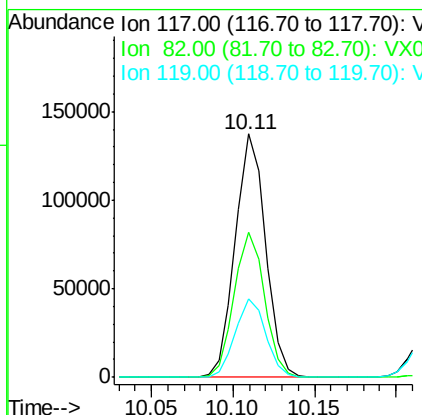
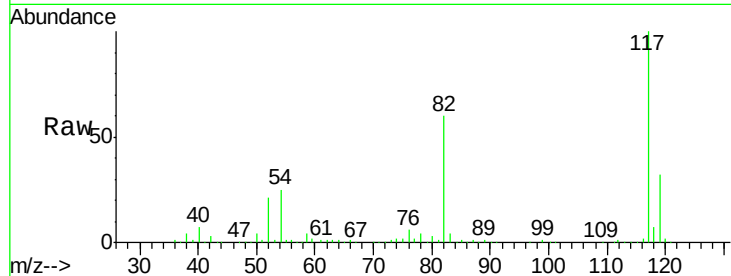
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.9	40.4	60.6
119	32.3	25.8	38.6

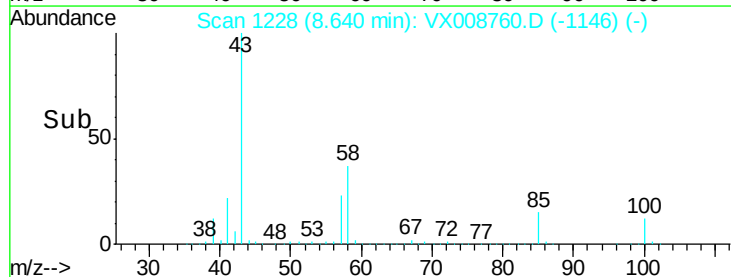
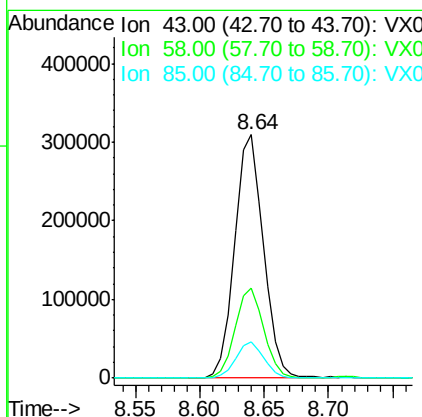
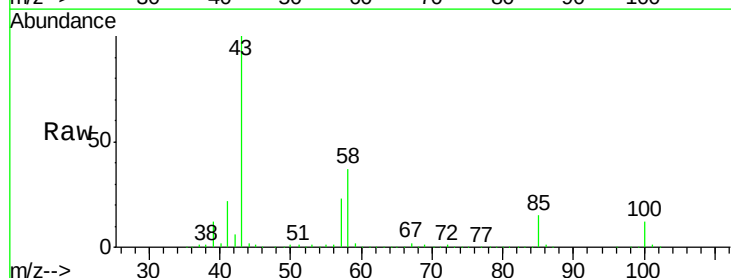
Manual Integrations
APPROVED

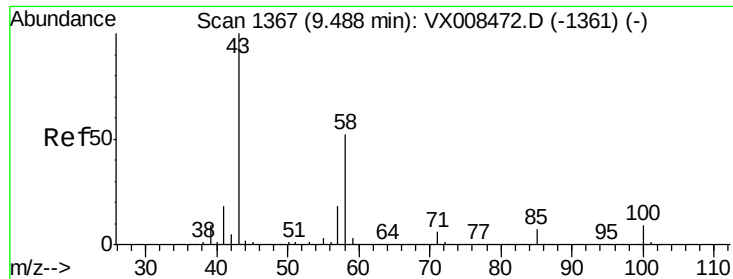
MMDadoda
4/10/2019 4:20:51 PM



#58
4-Methyl-2-Pentanone
Concen: 101.836 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.7	31.4	47.0
85	14.6	15.0	22.6#





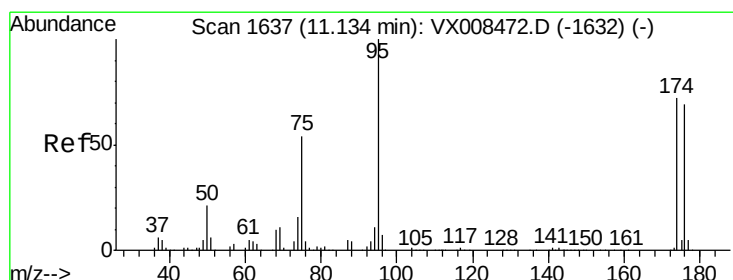
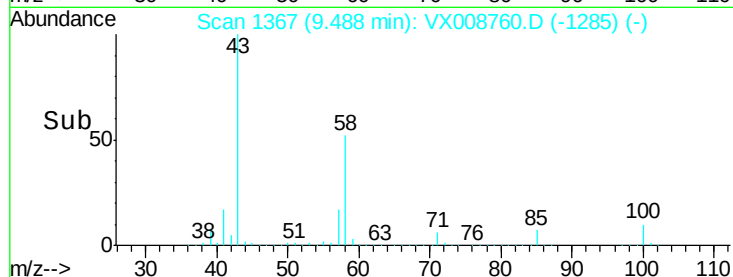
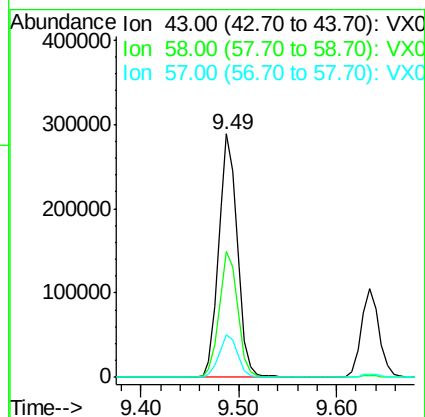
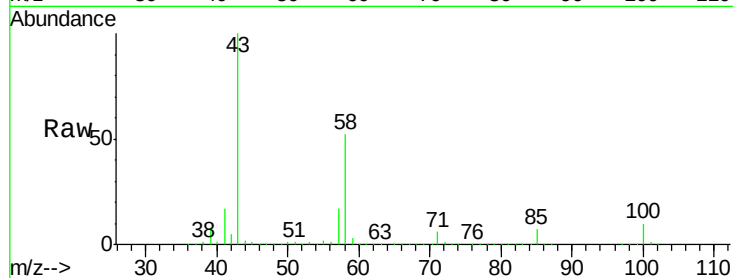
#59
2-Hexanone
Concen: 101.982 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.4	43.9	65.9
57	17.4	14.9	22.3

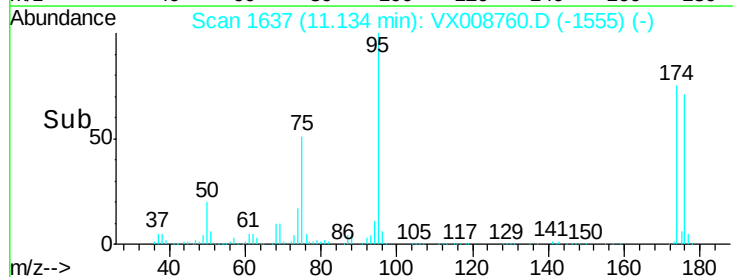
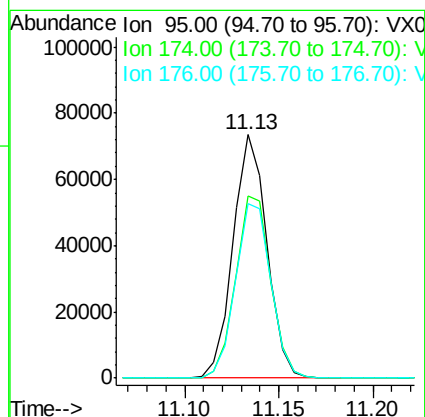
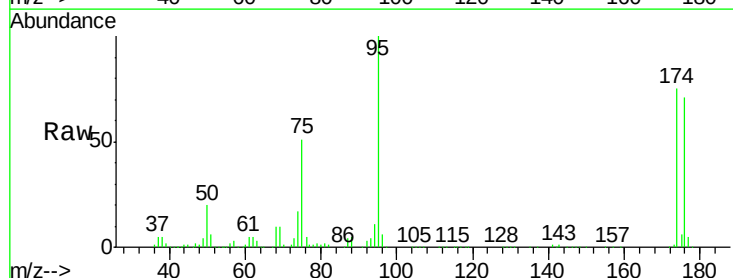
Manual Integrations
APPROVED

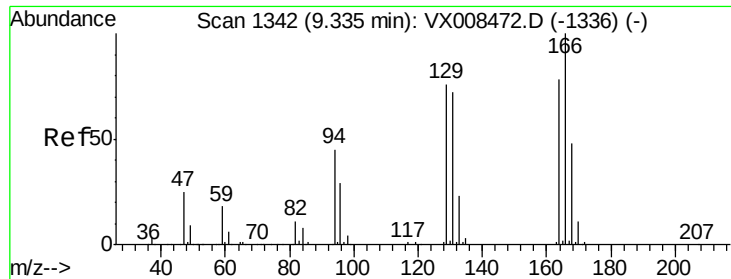
MMDadoda
4/10/2019 4:20:51 PM



#60
4-Bromofluorobenzene
Concen: 29.405 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	74.9	112.3
176	75.0	70.7	106.1





#61

Tetrachloroethene

Concen: 21.965 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 42963

Ion Ratio Lower Upper

164 100

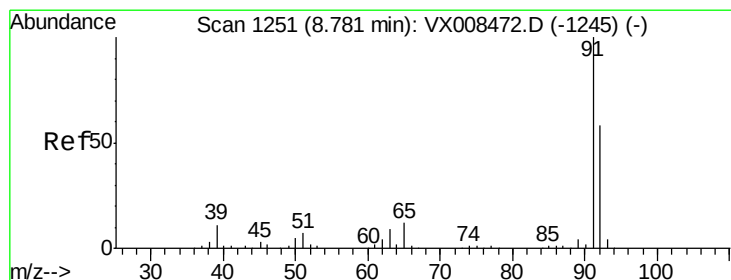
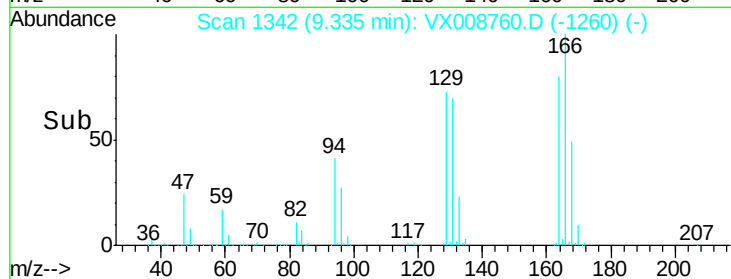
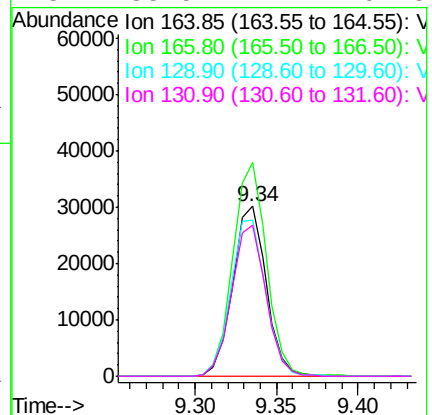
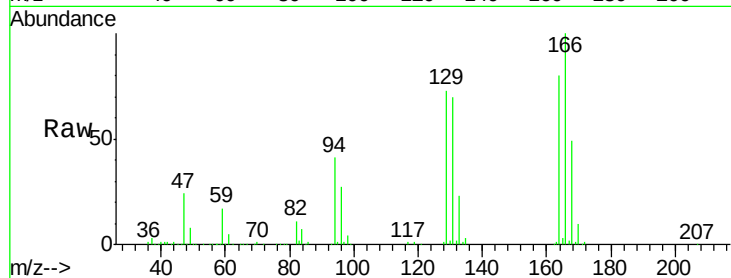
166 125.3 103.9 155.9

129 92.0 74.7 112.1

131 88.5 71.7 107.5

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#62

Toluene

Concen: 19.509 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008760.D

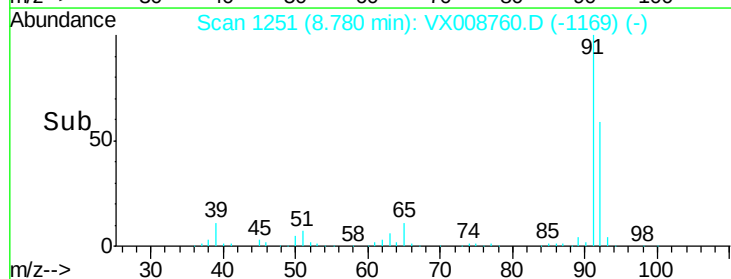
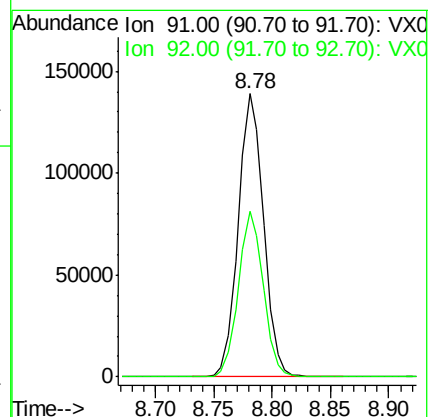
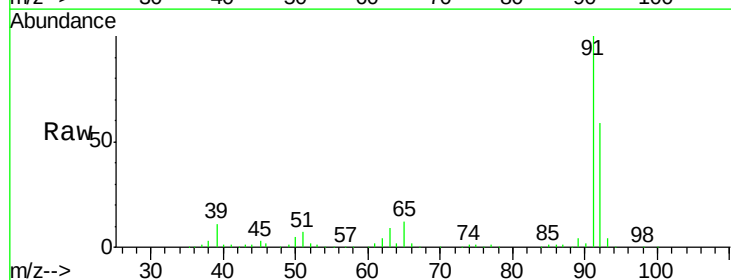
Acq: 09 Apr 2019 09:48

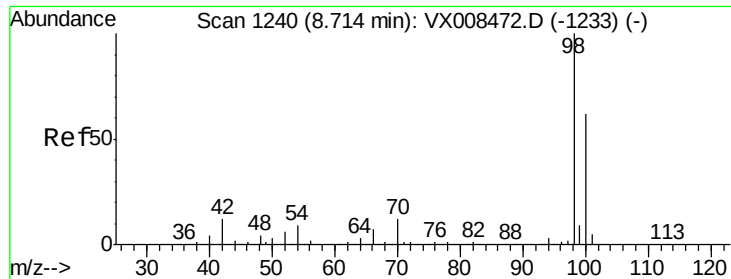
Tgt Ion: 91 Resp: 211209

Ion Ratio Lower Upper

91 100

92 57.7 46.4 69.6





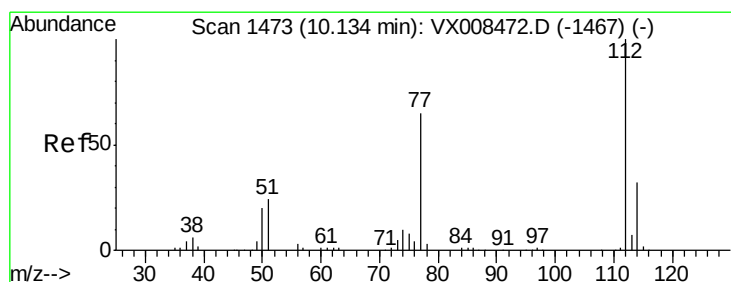
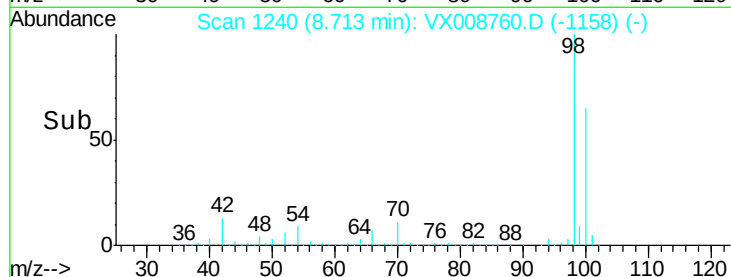
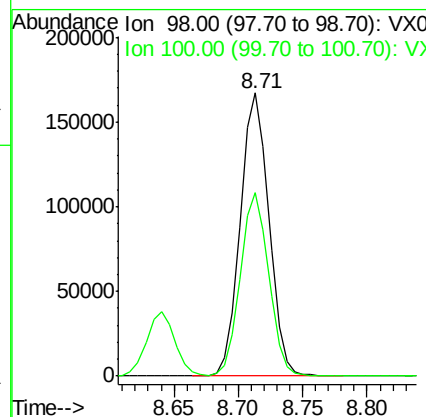
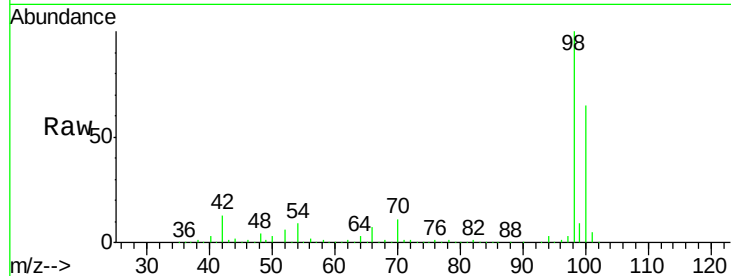
#63
Toluene-d8
Concen: 30.407 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 258099
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3

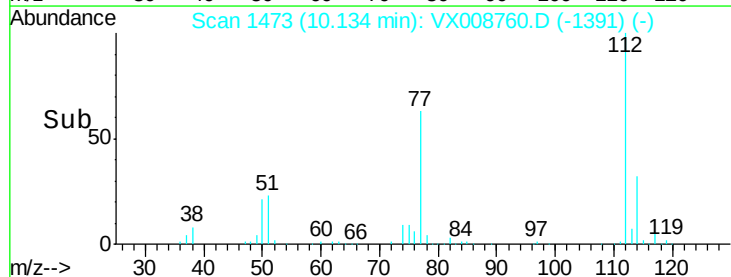
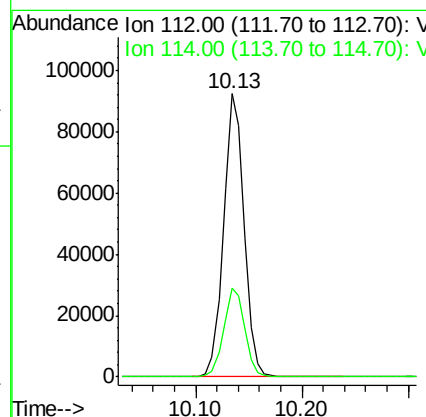
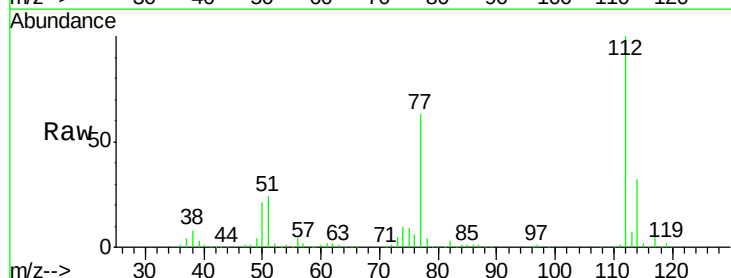
Manual Integrations
APPROVED

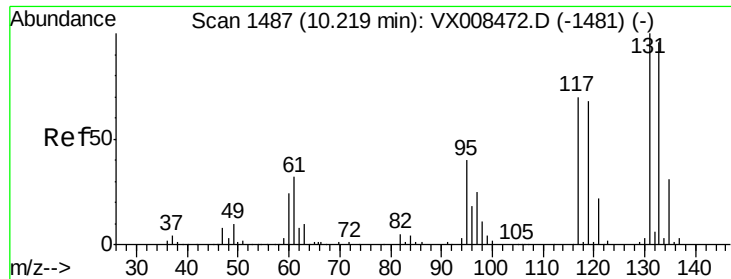
MMDadoda
4/10/2019 4:20:51 PM



#64
Chlorobenzene
Concen: 19.441 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion: 112 Resp: 123328
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.845 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

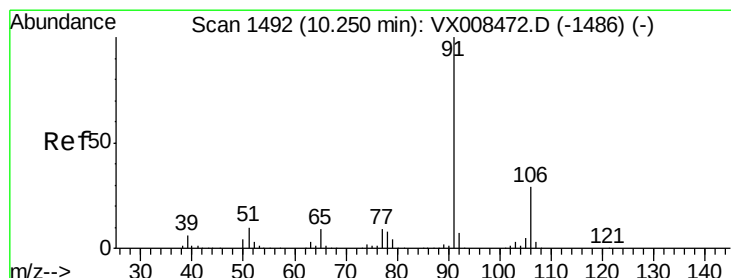
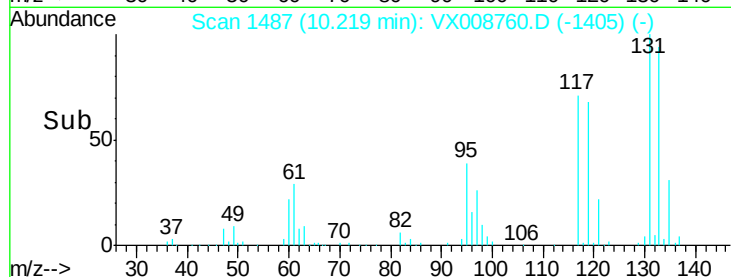
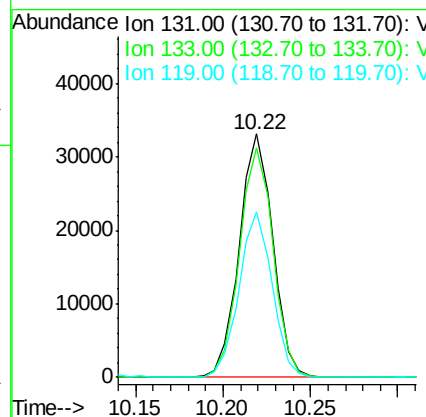
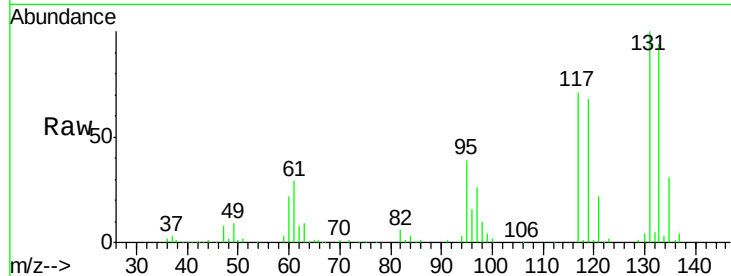
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	44387
Ion	Ratio	Lower	Upper
131	100		
133	94.2	0.0	191.6
119	67.0	0.0	127.4

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#66

Ethyl Benzene

Concen: 19.033 ug/l

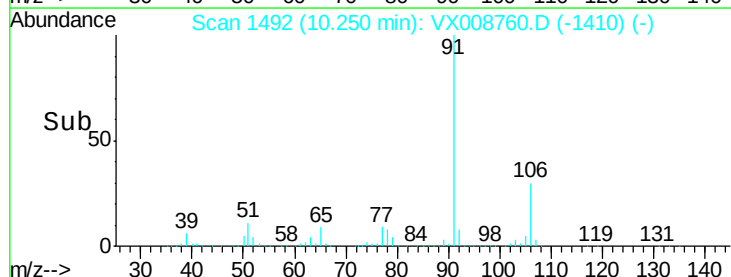
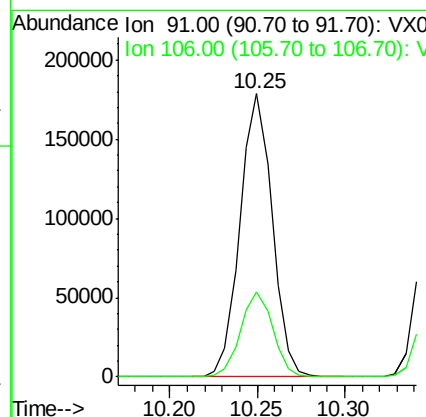
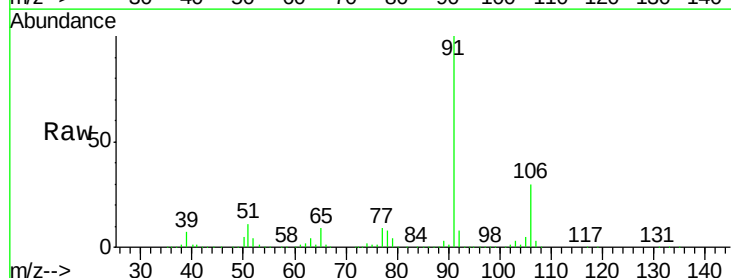
RT: 10.25 min Scan# 1492

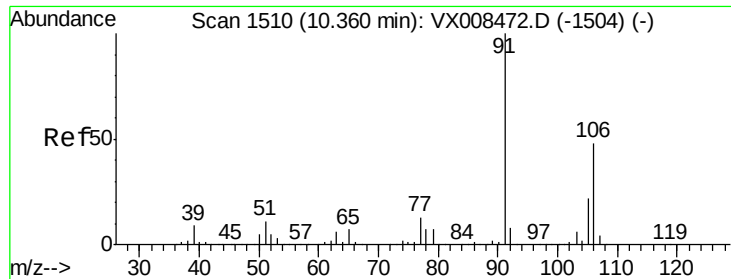
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	91	Resp:	228716
Ion	Ratio	Lower	Upper
91	100		
106	29.9	26.0	39.0





#67

m/p-Xylenes

Concen: 37.635 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 164957

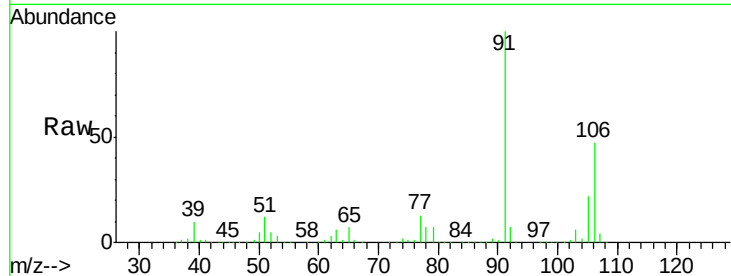
Ion Ratio Lower Upper

106 100

91 209.6 157.0 235.4

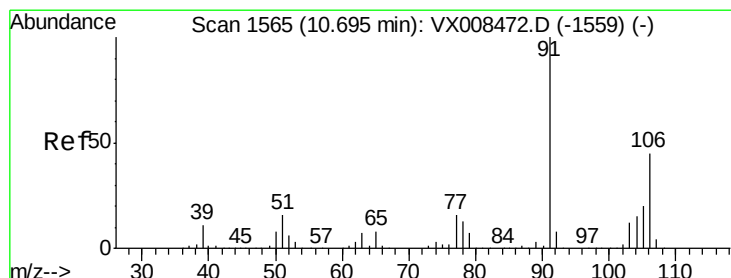
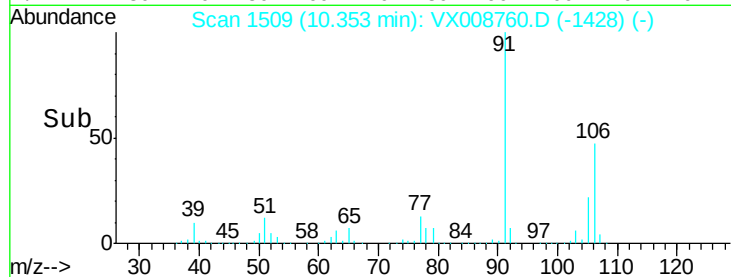
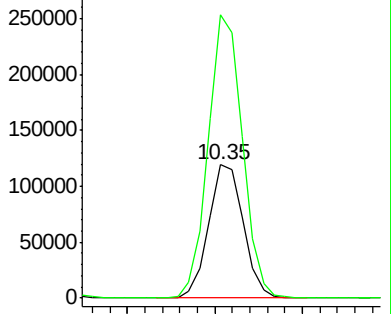
Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 18.751 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VX008760.D

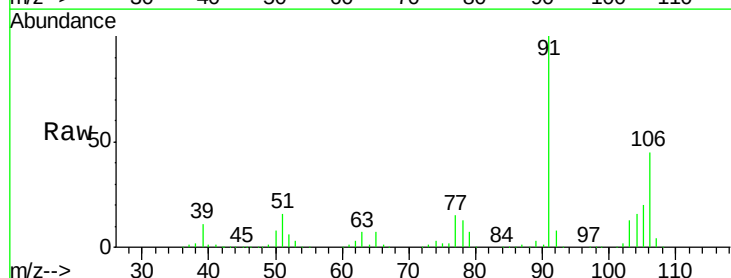
Acq: 09 Apr 2019 09:48

Tgt Ion:106 Resp: 80425

Ion Ratio Lower Upper

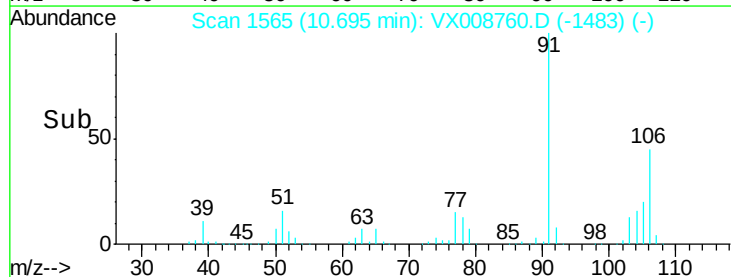
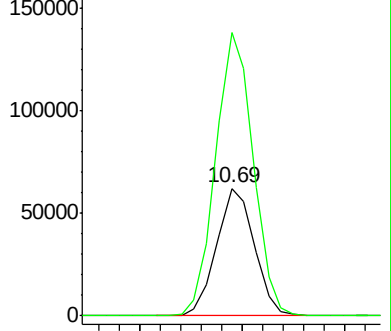
106 100

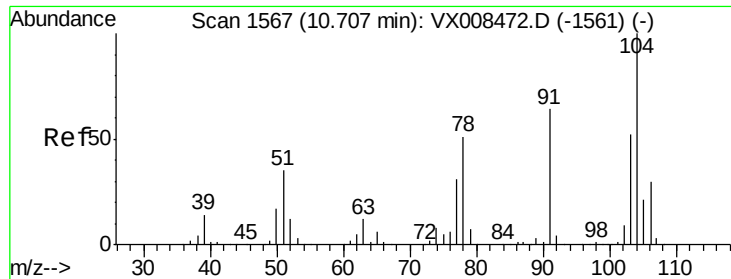
91 220.2 104.4 313.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





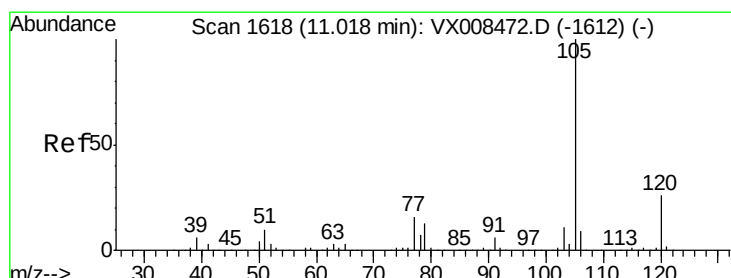
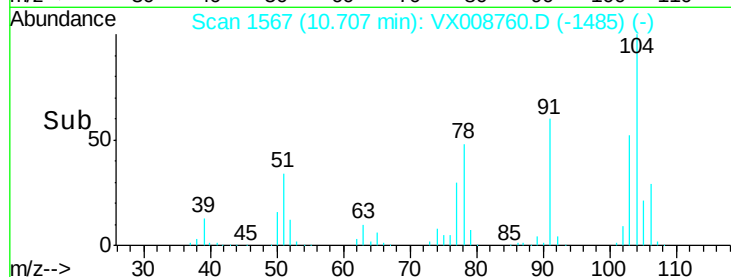
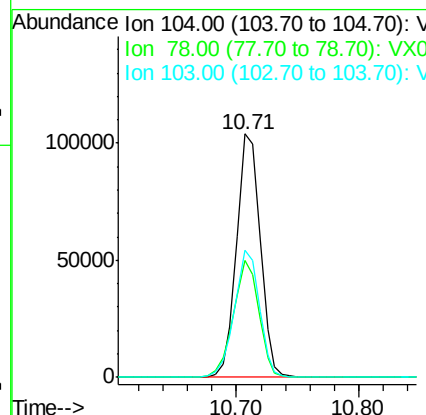
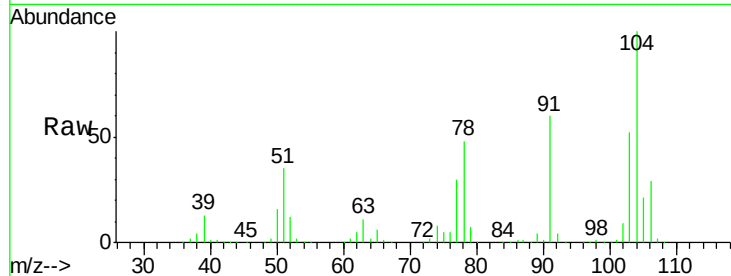
#69
Stvrene
Concen: 18.624 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	51.4	38.2	57.2
103	55.0	45.0	67.4

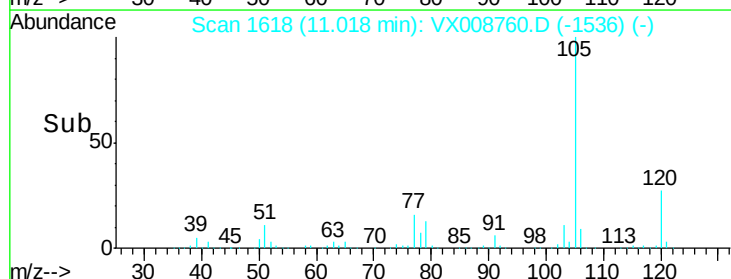
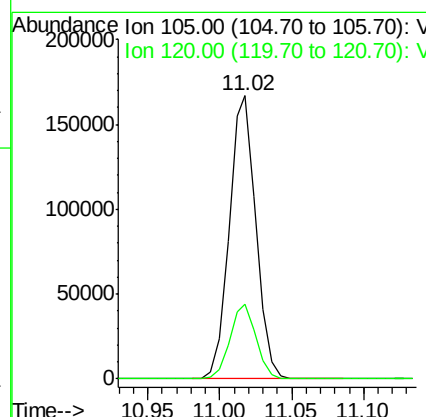
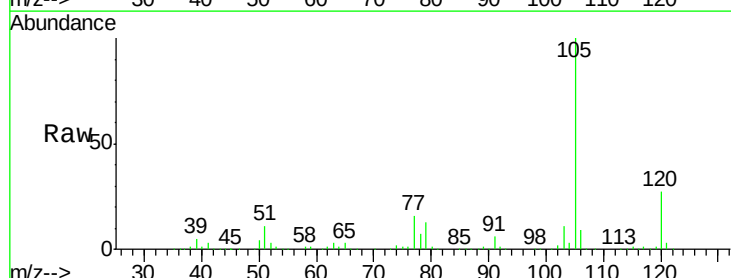
Manual Integrations
APPROVED

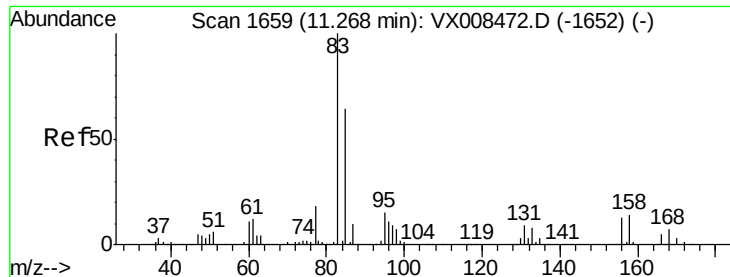
MMDadoda
4/10/2019 4:20:51 PM



#70
Isopropylbenzene
Concen: 19.174 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	19.8	36.8





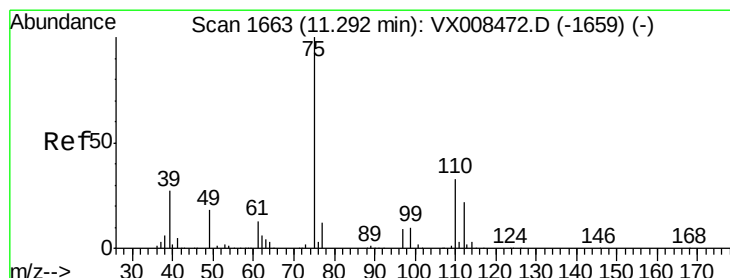
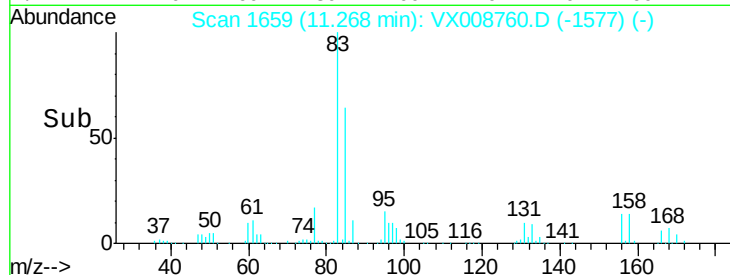
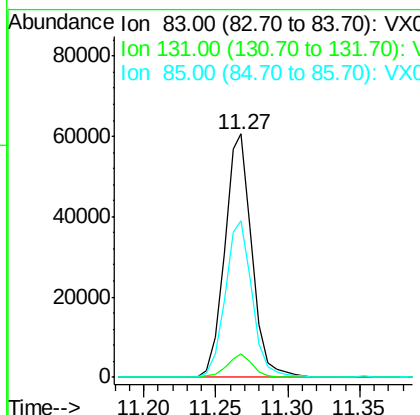
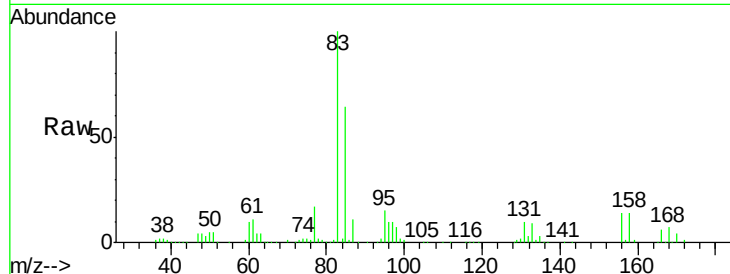
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.922 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	83	Resp	79977
Ion Ratio	100	Lower	Upper
83	100		
131	9.0	5.4	16.2
85	64.2	32.8	98.4

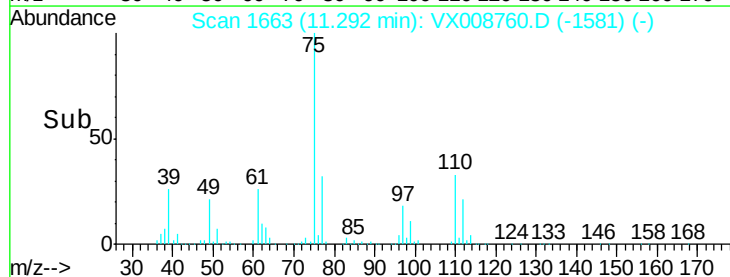
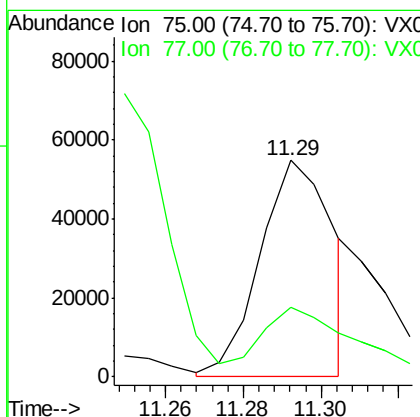
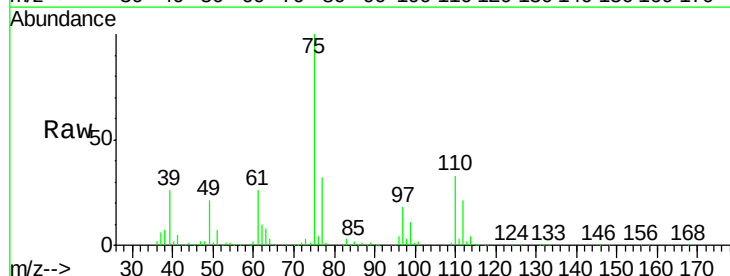
Manual Integrations
 APPROVED

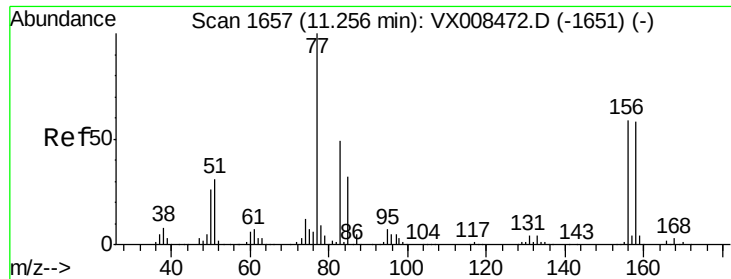
MMDadoda
 4/10/2019 4:20:51 PM



#72
 1,2,3-Trichloropropane
 Concen: 19.924 ug/l m
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	75	Resp	71185
Ion Ratio	100	Lower	Upper
75	100		
77	41.8	0.0	76.4





#73

Bromobenzene

Concen: 18.878 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

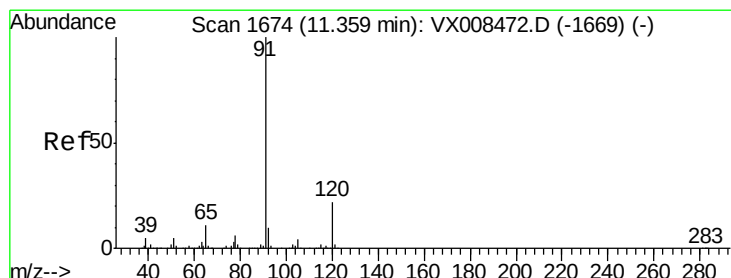
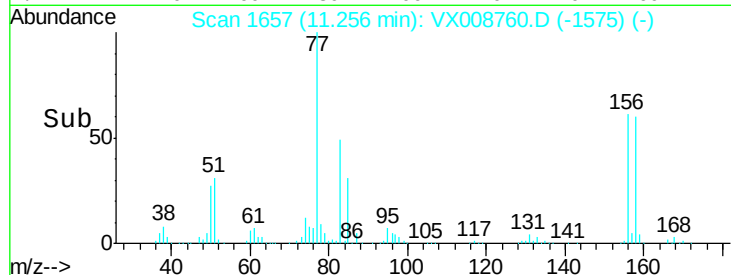
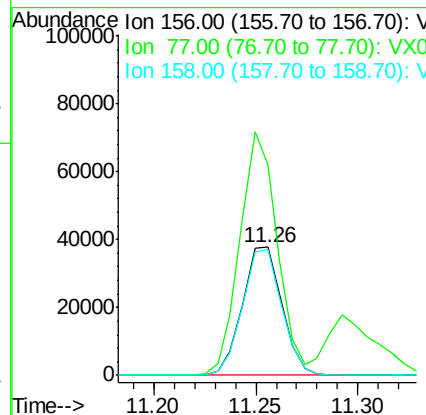
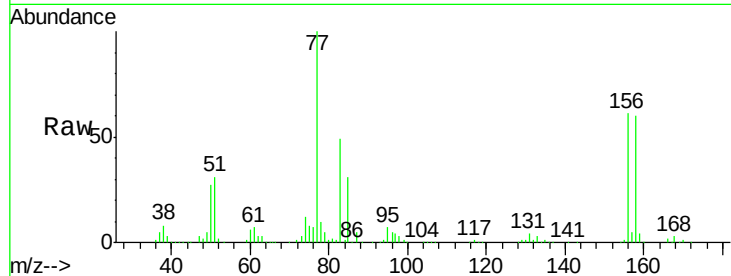
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	50818
Ion Ratio	Lower	Upper	
156	100		
77	178.6	0.0	271.4
158	97.8	0.0	194.0

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#74

n-propylbenzene

Concen: 18.807 ug/l

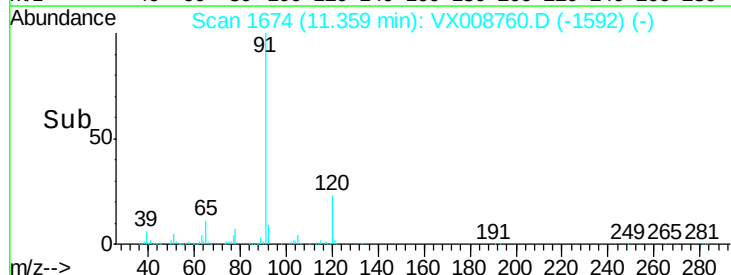
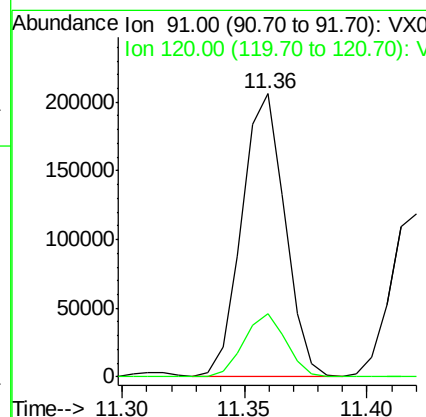
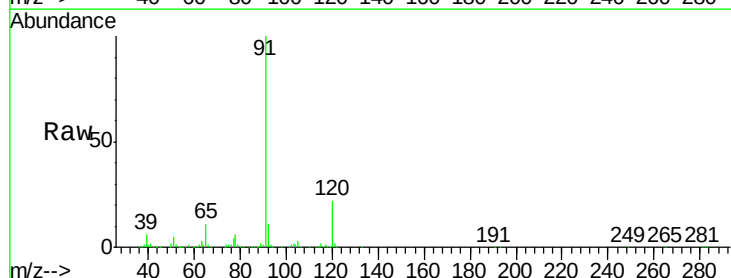
RT: 11.36 min Scan# 1674

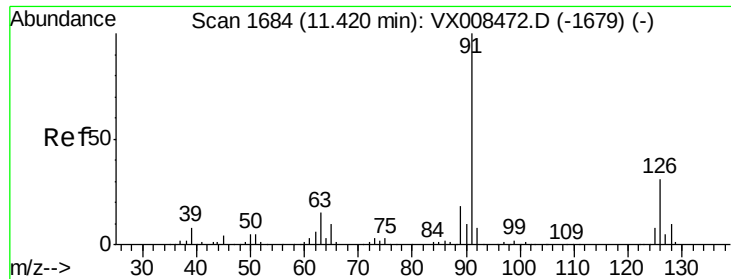
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	91	Resp:	253493
Ion Ratio	Lower	Upper	
91	100		
120	21.8	0.0	48.6





#75

2-Chlorotoluene

Concen: 18.753 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 150379

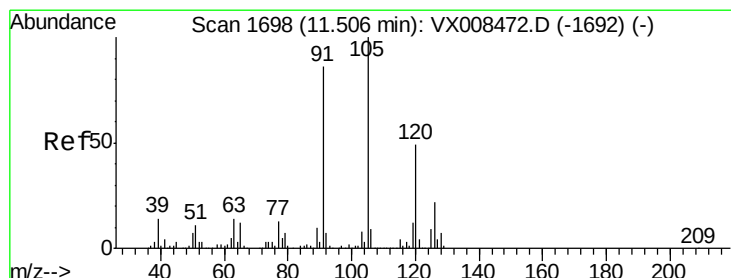
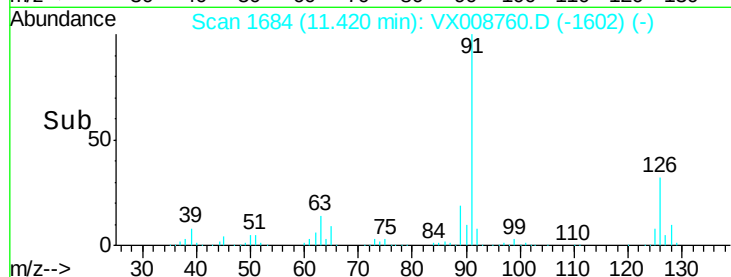
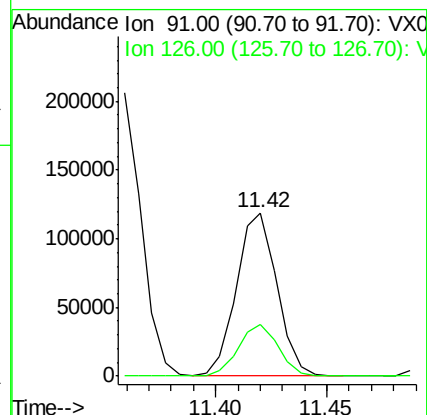
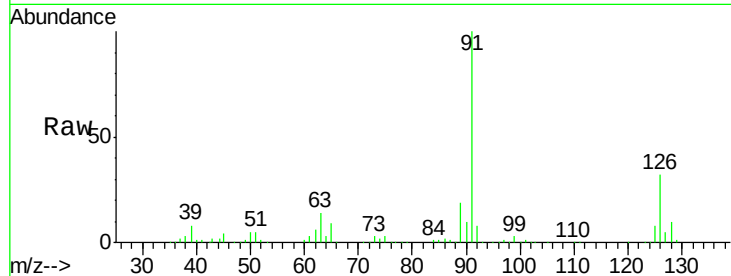
Ion Ratio Lower Upper

91 100

126 31.6 0.0 75.2

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#76

1,3,5-Trimethylbenzene

Concen: 18.975 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008760.D

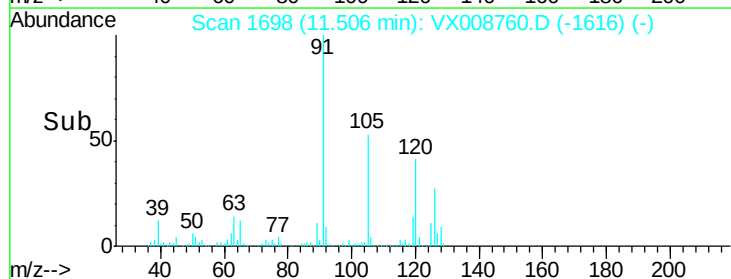
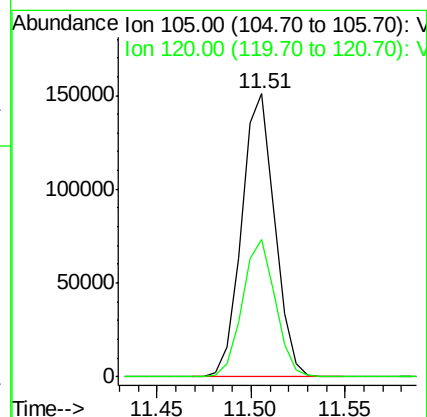
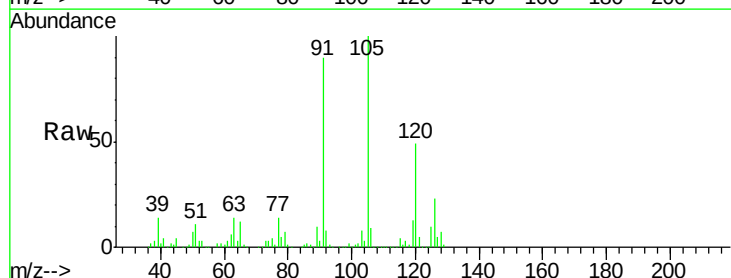
Acq: 09 Apr 2019 09:48

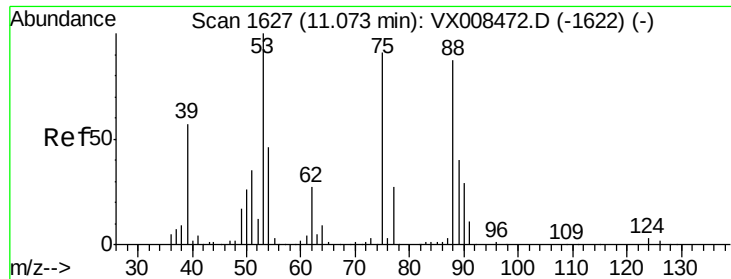
Tgt Ion: 105 Resp: 183548

Ion Ratio Lower Upper

105 100

120 48.1 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.828 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 75 Resp: 25803

Ion Ratio Lower Upper

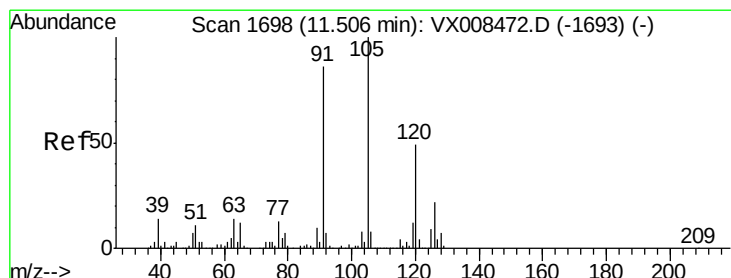
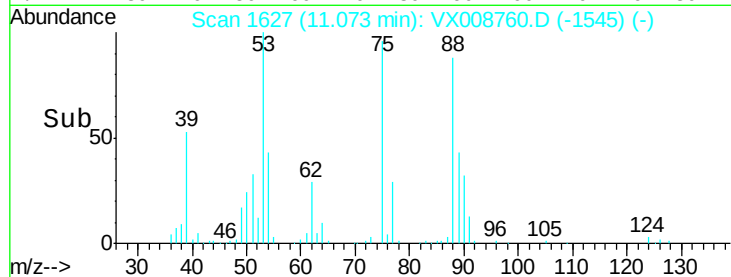
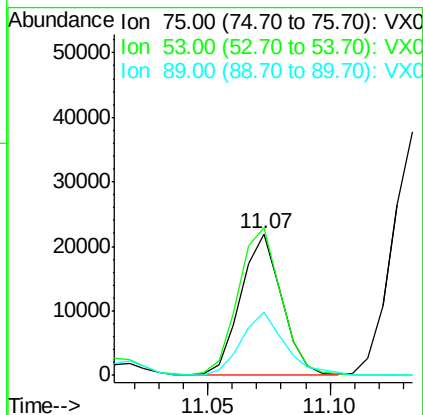
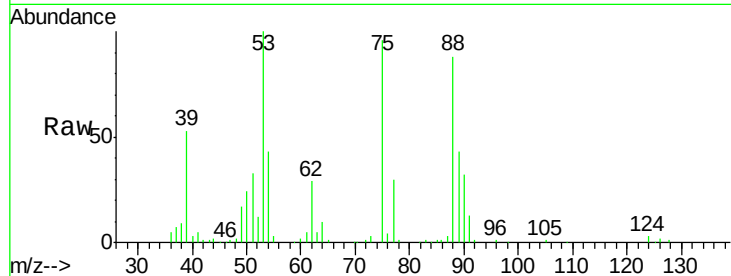
75 100

53 103.7 55.5 166.7

89 44.2 24.4 73.2

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#78

4-Chlorotoluene

Concen: 18.362 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008760.D

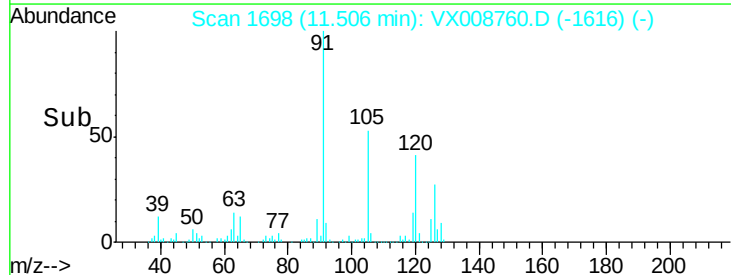
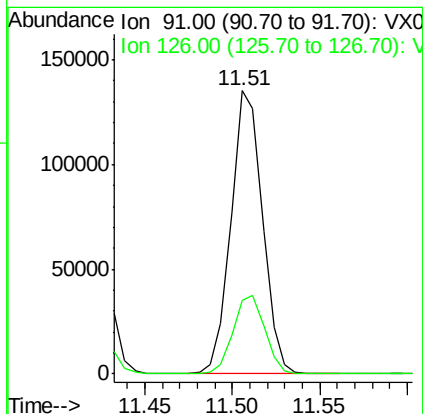
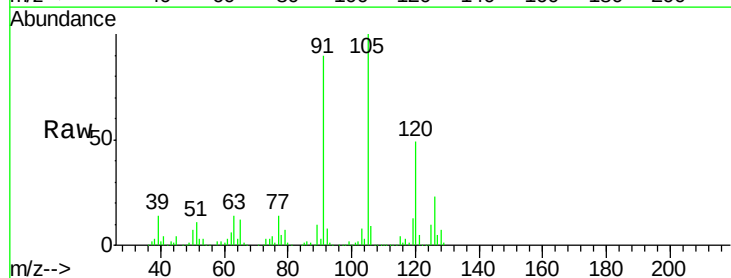
Acq: 09 Apr 2019 09:48

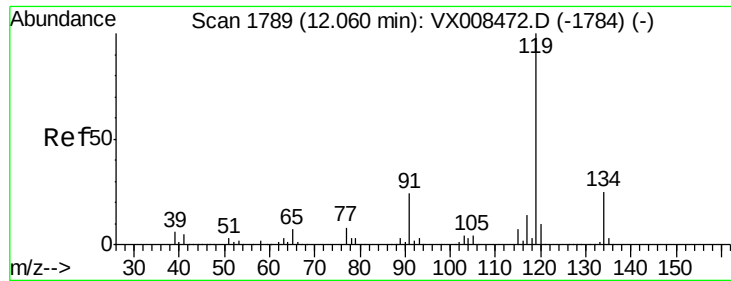
Tgt Ion: 91 Resp: 169466

Ion Ratio Lower Upper

91 100

126 27.8 0.0 66.2





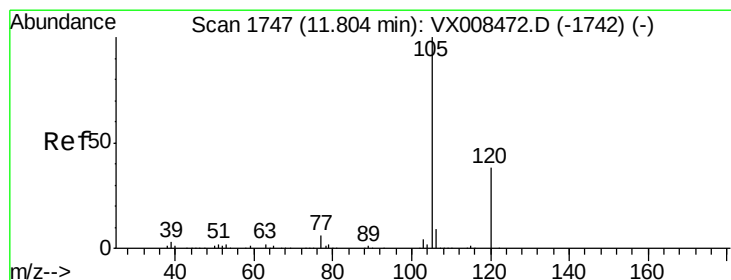
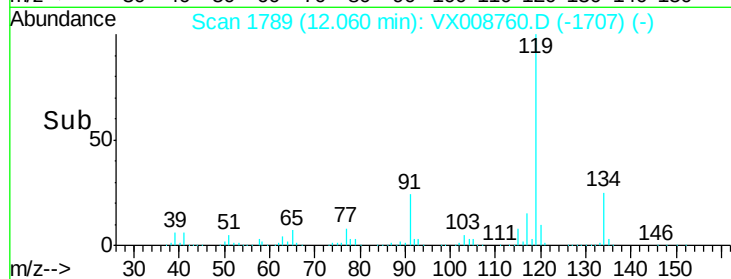
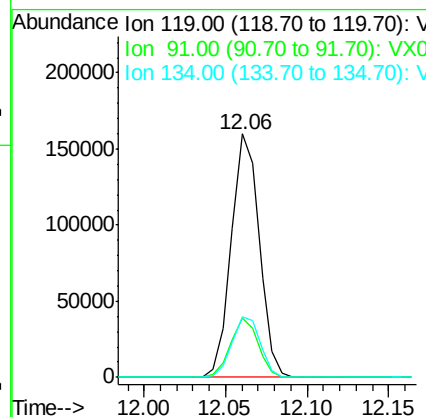
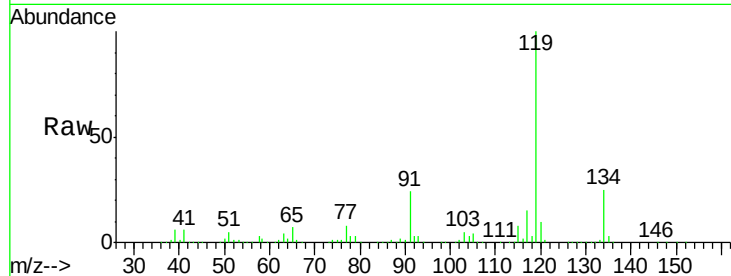
#79
tert-butylbenzene
Concen: 19.316 ug/l
RT: 12.06 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
119	100		
91	24.0	0.0	45.0
134	25.2	0.0	55.4

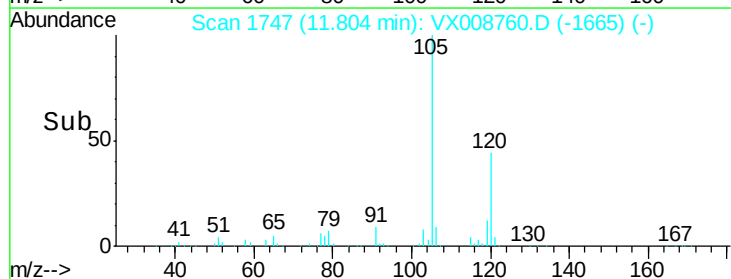
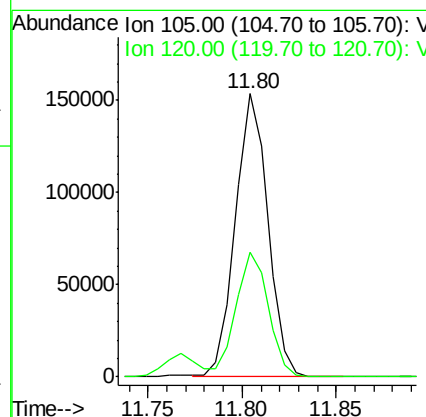
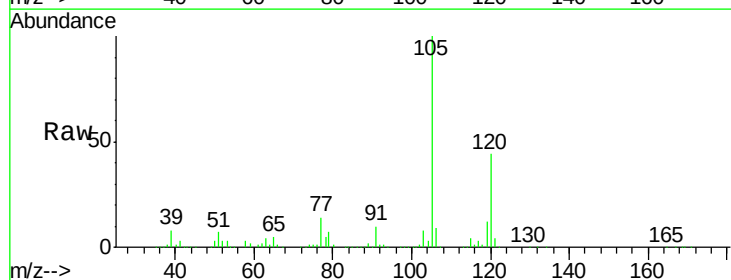
Manual Integrations
APPROVED

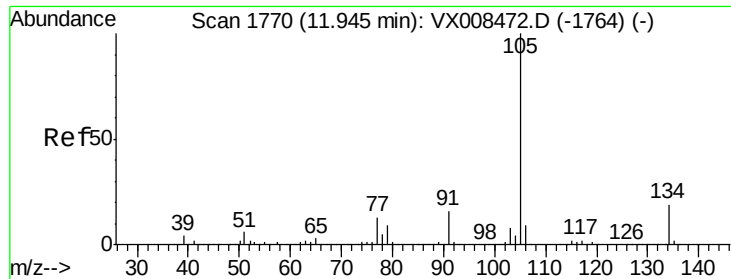
MMDadoda
4/10/2019 4:20:51 PM



#80
1,2,4-Trimethylbenzene
Concen: 19.057 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX008760.D
Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	0.0	94.0





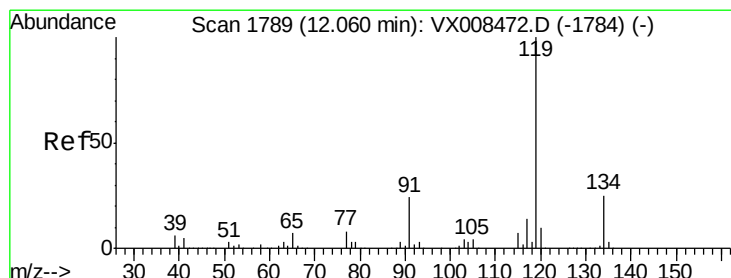
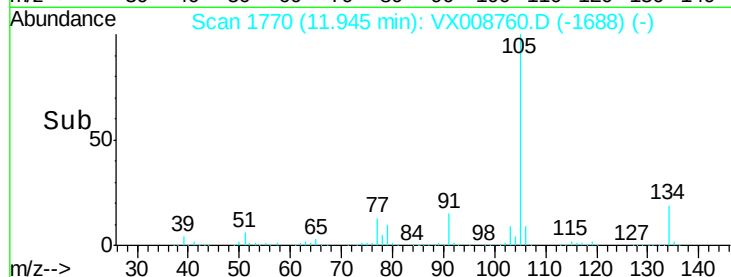
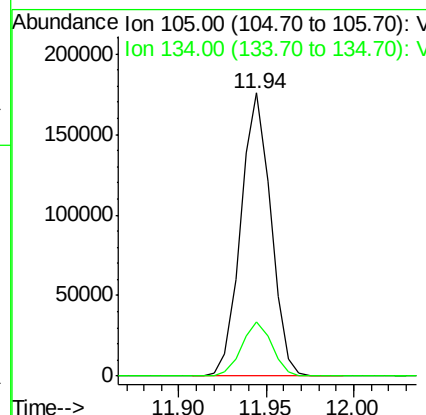
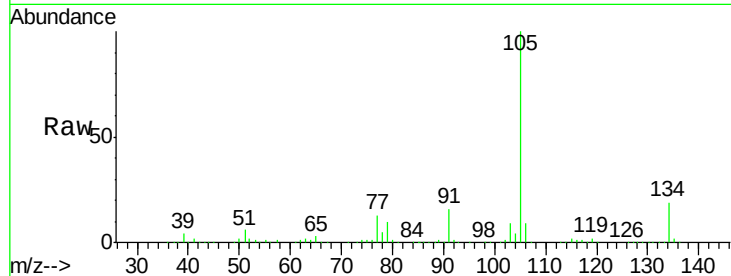
#81
 sec-Butylbenzene
 Concen: 18.986 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	209837		
134	19.2	0.0	41.8	

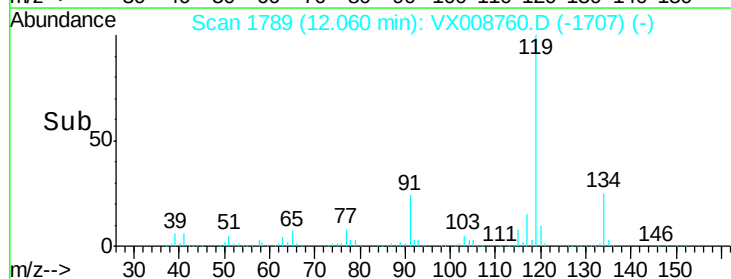
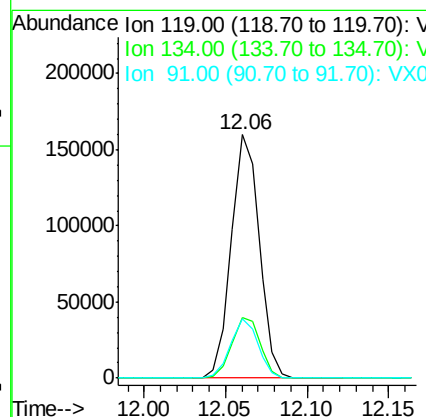
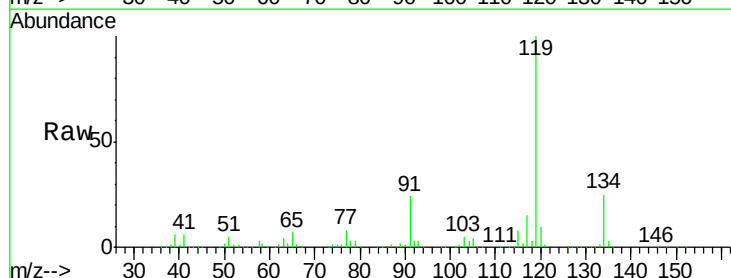
Manual Integrations
 APPROVED

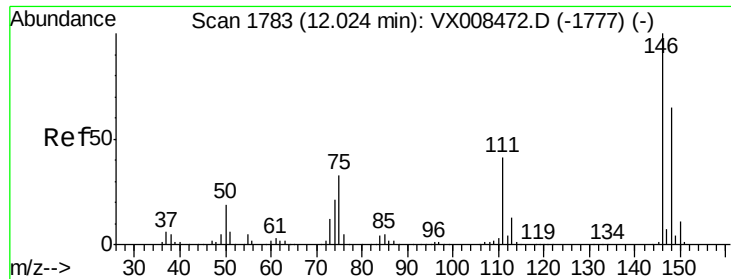
MMDadoda
 4/10/2019 4:20:51 PM



#82
 p-Isopropyltoluene
 Concen: 19.316 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	190948		
134	25.2	0.0	55.4	
91	24.0	0.0	45.0	





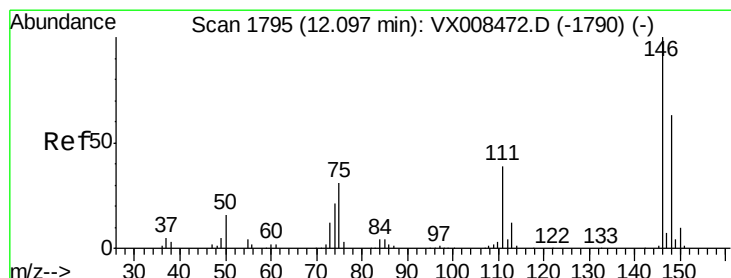
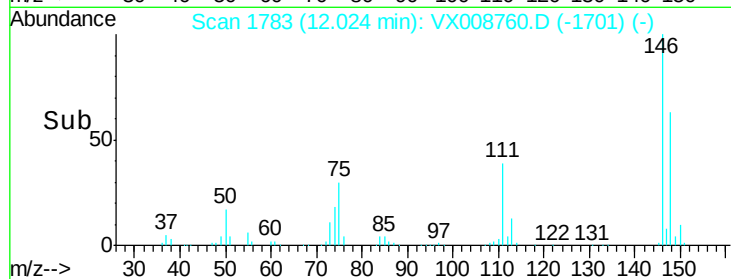
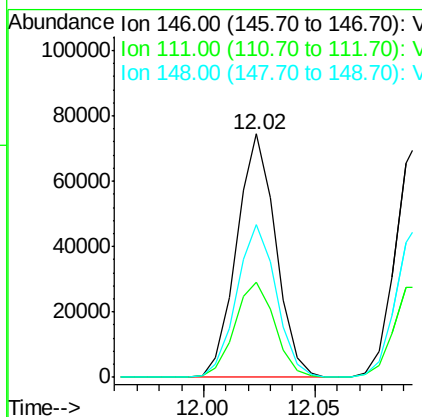
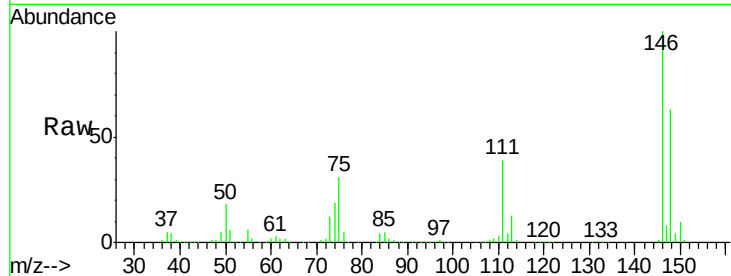
#83
 1,3-Dichlorobenzene
 Concen: 18.976 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	18.8	56.3
148	63.8	30.6	91.8

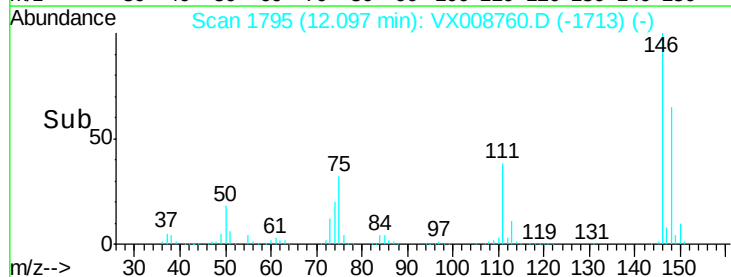
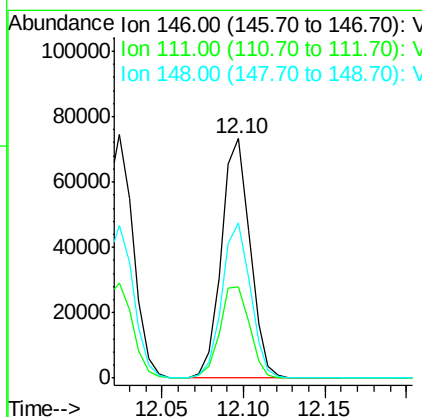
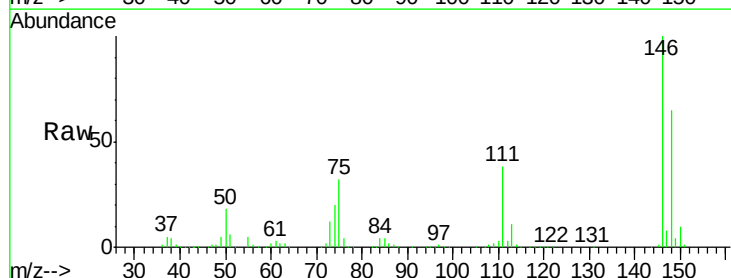
Manual Integrations
 APPROVED

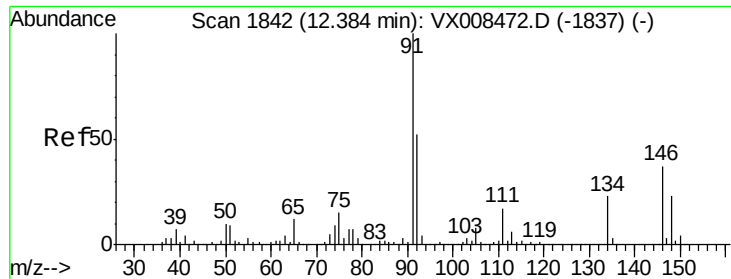
MMDadoda
 4/10/2019 4:20:51 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.777 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	17.6	52.8
148	64.6	31.4	94.2





#85

n-Butylbenzene

Concen: 18.687 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

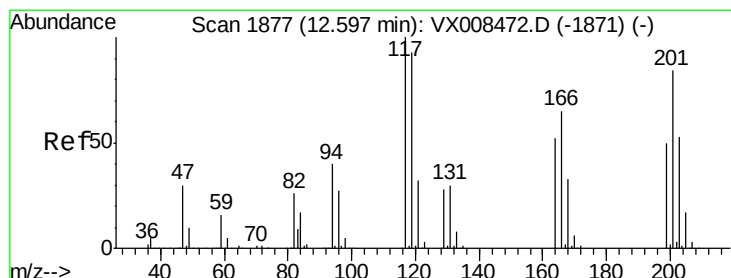
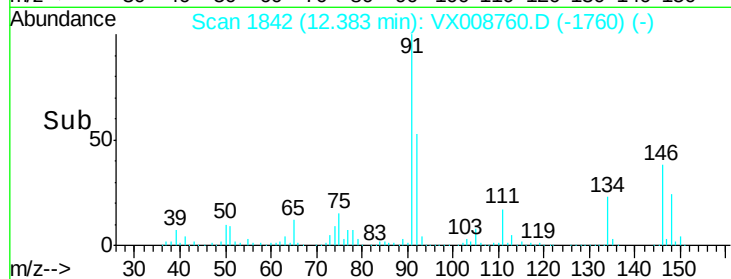
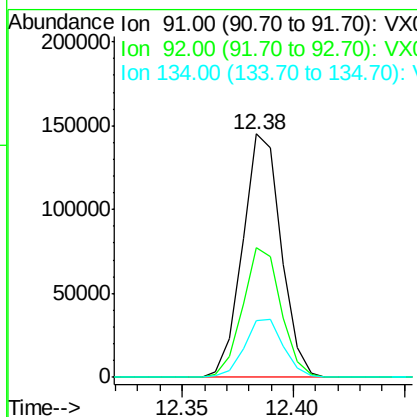
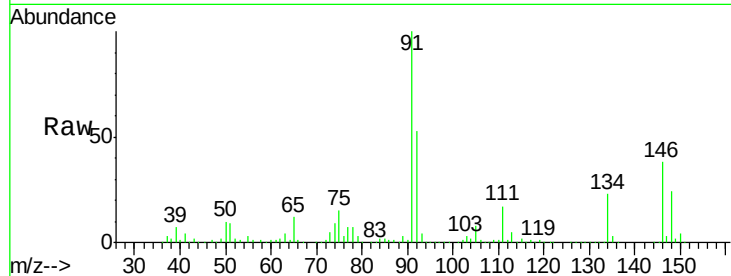
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	17521
Ion Ratio	Lower	Upper	
91	100		
92	53.2	0.0	105.2
134	24.2	0.0	56.4

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#86

Hexachloroethane

Concen: 18.862 ug/l

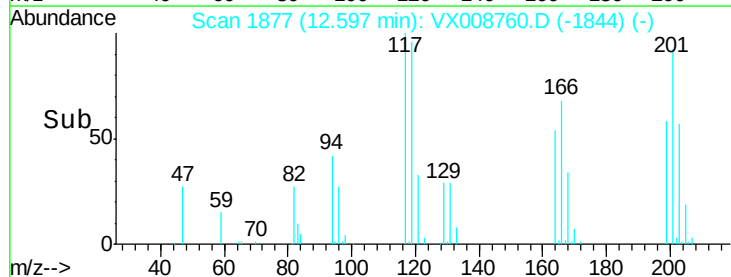
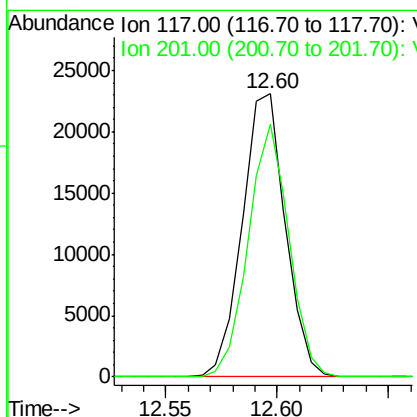
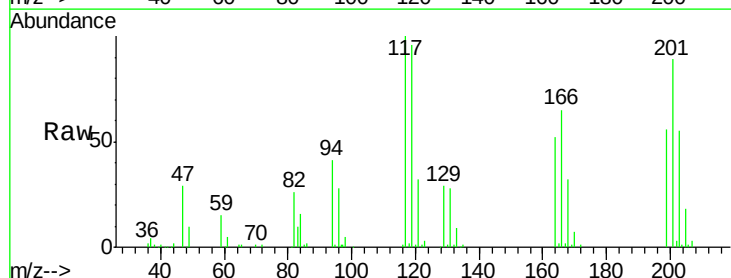
RT: 12.60 min Scan# 1877

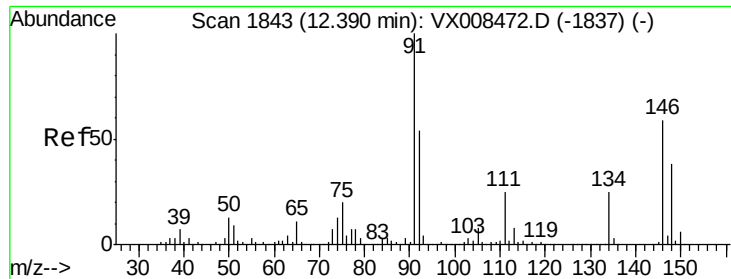
Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	117	Resp:	31153
Ion Ratio	Lower	Upper	
117	100		
201	84.1	41.1	123.3





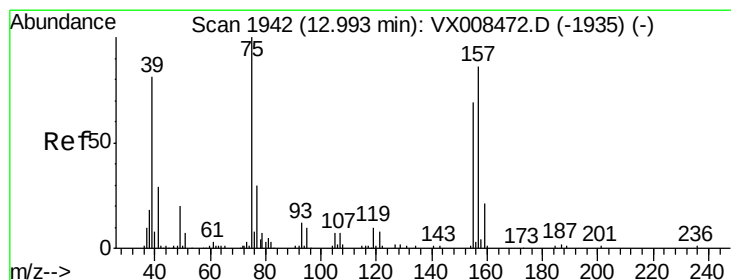
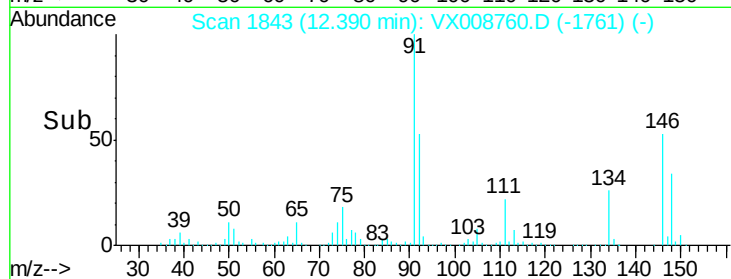
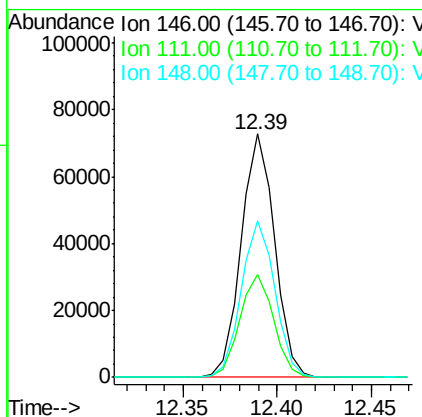
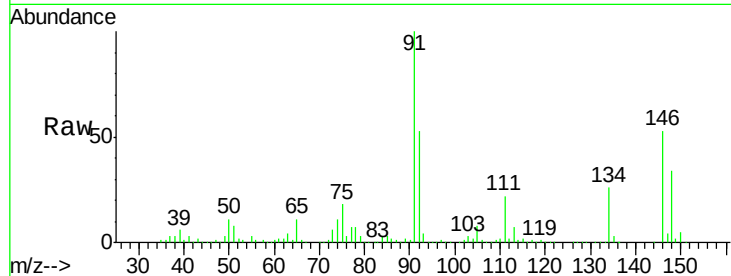
#87
 1,2-Dichlorobenzene
 Concen: 18.619 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.3	57.8
148	64.4	32.1	96.3

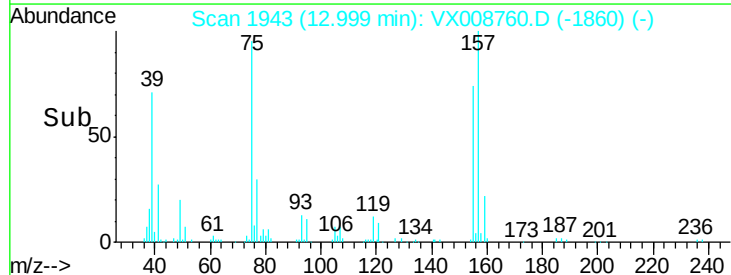
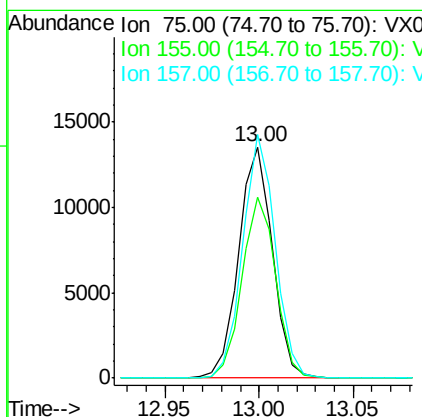
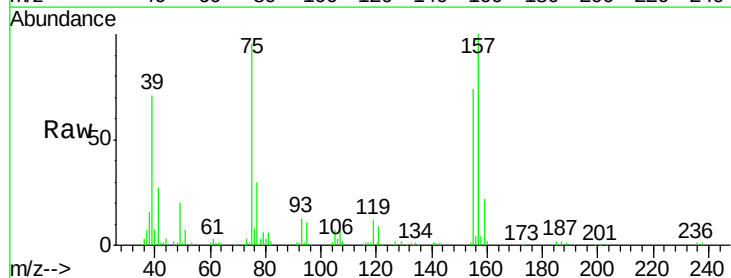
Manual Integrations
 APPROVED

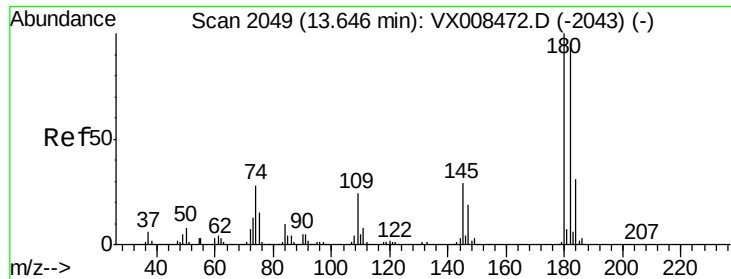
MMDadoda
 4/10/2019 4:20:51 PM



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.902 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.3	81.0	121.6#
157	101.9	103.2	154.8#





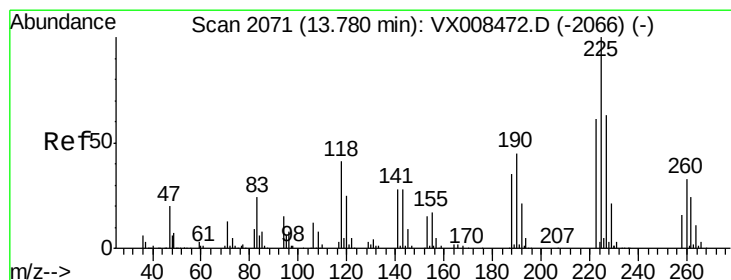
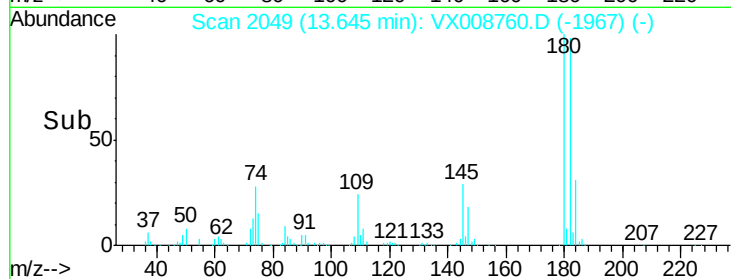
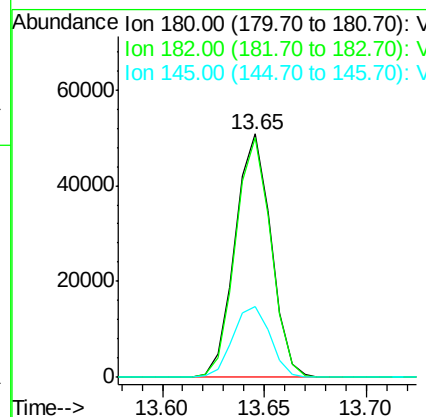
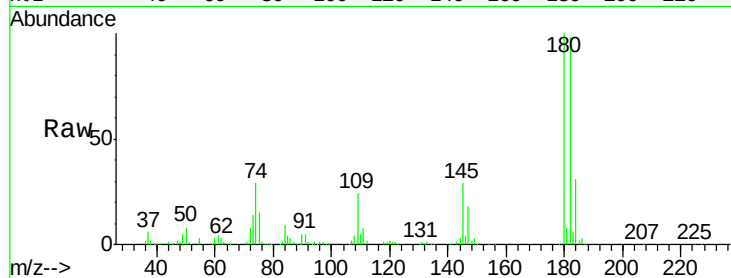
#89
 1,2,4-Trichlorobenzene
 Concen: 18.621 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.6	113.4
145	30.5	23.0	34.6

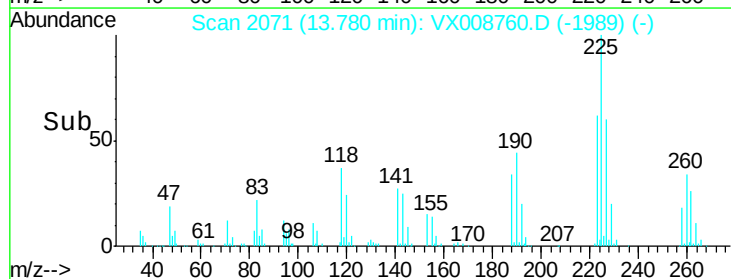
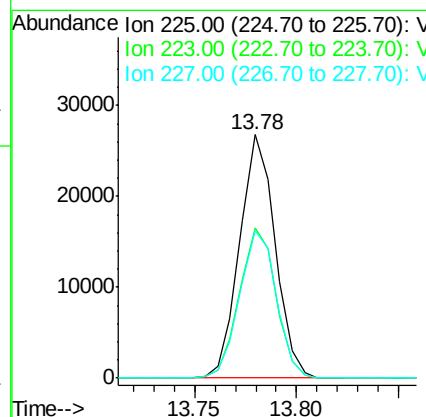
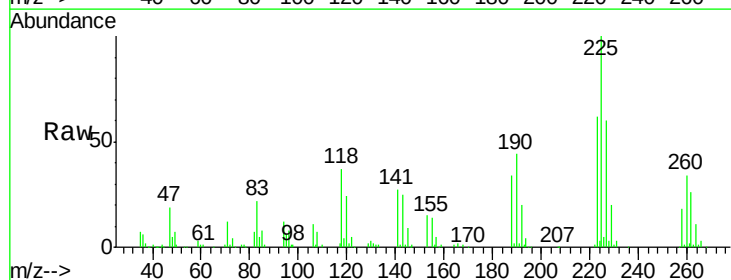
Manual Integrations
 APPROVED

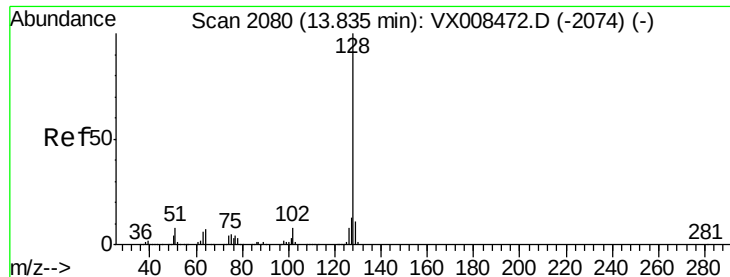
MMDadoda
 4/10/2019 4:20:51 PM



#90
 Hexachlorobutadiene
 Concen: 20.212 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008760.D
 Acq: 09 Apr 2019 09:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	0.0	123.8
227	62.5	0.0	124.4





#91

Naphthalene

Concen: 17.997 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Instrument :

MSVOA_X

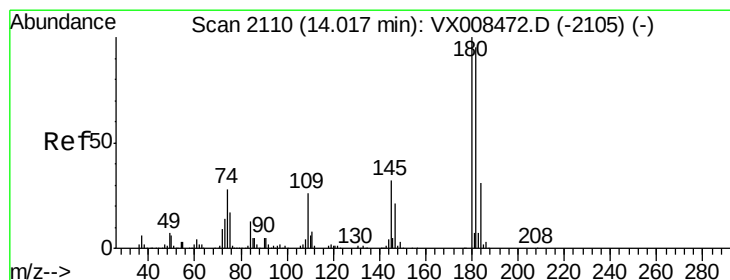
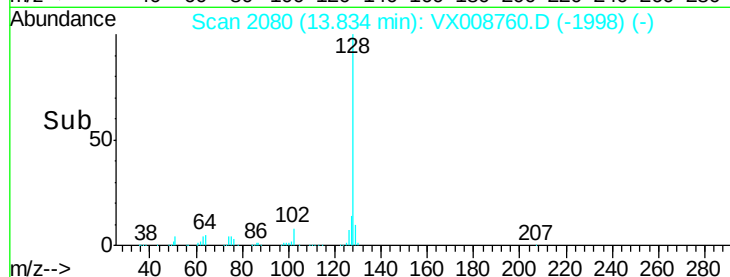
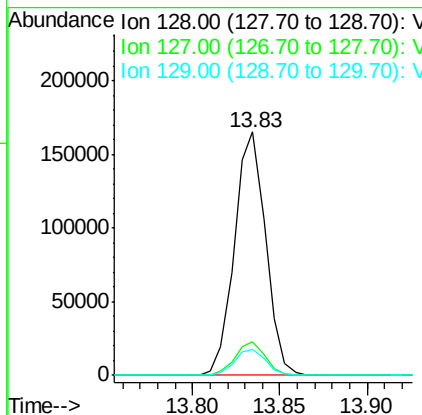
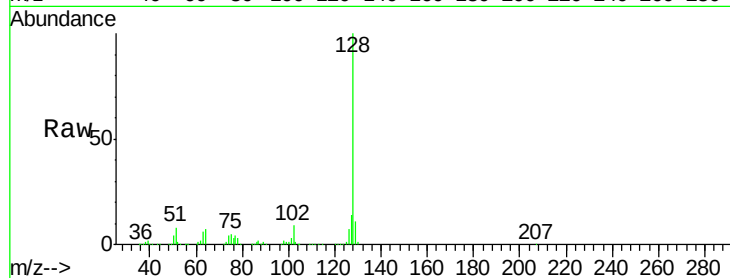
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	204805
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.8	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
4/10/2019 4:20:51 PM



#92

1,2,3-Trichlorobenzene

Concen: 18.702 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008760.D

Acq: 09 Apr 2019 09:48

Tgt Ion:	180	Resp:	62575
Ion Ratio	Lower	Upper	
180	100		
182	95.0	0.0	193.0
145	31.1	0.0	63.0

