

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013372.D
 Acq On : 11 Nov 2019 18:26
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 11:49:54 AM

Quant Time: Nov 12 01:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	125986	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	691860	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	619326	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	264648	28.45	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	94.83%
60) 4-Bromofluorobenzene	11.14	95	297803	29.92	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.73%
63) Toluene-d8	8.71	98	850711	30.38	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.27%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	180702	19.143	ug/l 97
3) Chloromethane	1.31	50	202119	19.646	ug/l 98
4) Vinyl Chloride	1.40	62	219355	18.765	ug/l 98
5) Bromomethane	1.63	94	131346	18.690	ug/l 99
6) Chloroethane	1.72	64	118783	18.485	ug/l 98
7) Trichlorofluoromethane	1.92	101	231131	18.366	ug/l 99
8) Diethyl Ether	2.18	74	105802	18.413	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137277	18.131	ug/l 96
10) 1,1-Dichloroethene	2.36	96	143759	18.476	ug/l 99
11) Methyl Iodide	2.50	142	149462	15.557	ug/l 99
12) Methyl Acetate	2.76	43	260126	19.079	ug/l 97
13) Acrolein	2.28	56	126536	87.370	ug/l 100
14) Acrylonitrile	3.13	53	451707	90.095	ug/l 99
15) Acetone	2.43	58	135340	89.129	ug/l 95
16) Carbon Disulfide	2.56	76	422955	19.489	ug/l 100
17) Allyl chloride	2.72	41	260612	18.188	ug/l 98
18) Methylene Chloride	2.84	84	161107	18.249	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	154423	18.570	ug/l 97
20) Diisopropyl ether	3.84	45	498080	18.068	ug/l 88
21) 1,1-Dichloroethane	3.69	63	276109	18.389	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	177628	18.736	ug/l 99
23) tert-Butyl Alcohol	3.03	59	218310	90.479	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	477510	18.543	ug/l 100
25) Chloroform	5.20	83	269708	18.351	ug/l 99
26) Cyclohexane	5.57	56	248344	18.213	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	206881	19.577	ug/l 98
30) 2-Butanone	4.66	43	664832	95.316	ug/l 98
31) 2,2-Dichloropropane	4.57	77	225151	19.673	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	229405	19.531	ug/l 99
33) Carbon Tetrachloride	5.78	117	195450	19.158	ug/l 93
34) Benzene	6.13	78	624252	19.476	ug/l 99
35) Methacrylonitrile	5.03	41	135286	19.423	ug/l 96
36) 1,2-Dichloroethane	6.18	62	218442	19.470	ug/l 100
37) Trichloroethene	7.21	130	170066	19.805	ug/l 93
38) Methylcyclohexane	7.45	83	248597	19.186	ug/l 99
39) 1,2-Dichloropropane	7.51	63	163740	19.757	ug/l 95
40) Dibromomethane	7.65	93	106519	19.312	ug/l 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013372.D
 Acq On : 11 Nov 2019 18:26
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 11:49:54 AM

Quant Time: Nov 12 01:21:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	205838	19.117	ug/l	98
42) Vinyl Acetate	3.80	43	2141742	97.529	ug/l	100
43) Ethyl Acetate	4.82	43	250381	19.682	ug/l	99
44) Isopropyl Acetate	6.43	43	387397	18.944	ug/l	100
45) 1,4-Dioxane	7.73	88	84479	374.182	ug/l	96
46) Methyl methacrylate	7.76	41	191631	18.839	ug/l	96
47) n-amyl Acetate	10.89	43	339193	18.910	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	232212	19.233	ug/l	96
49) cis-1,3-Dichloropropene	8.43	75	254080	19.206	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	157511	19.299	ug/l	99
51) Ethyl methacrylate	9.17	69	254065	18.906	ug/l	97
52) 1,3-Dichloropropane	9.37	76	270917	19.417	ug/l	99
53) Dibromochloromethane	9.58	129	165399	19.121	ug/l	97
54) 1,2-Dibromoethane	9.67	107	169688	19.443	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	553826	96.454	ug/l	99
56) Bromoform	10.85	173	129700	18.841	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1249776	96.598	ug/l	99
59) 2-Hexanone	9.48	43	968147	94.575	ug/l	100
61) Tetrachloroethene	9.33	164	148463	19.440	ug/l	98
62) Toluene	8.78	91	672340	19.489	ug/l	100
64) Chlorobenzene	10.14	112	420942	19.515	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	154908	19.186	ug/l	99
66) Ethyl Benzene	10.25	91	740843	19.548	ug/l	100
67) m/p-Xylenes	10.35	106	567017	38.786	ug/l	100
68) o-Xylene	10.70	106	267573	18.965	ug/l	100
69) Styrene	10.71	104	460445	19.112	ug/l	98
70) Isopropylbenzene	11.01	105	721492	19.407	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	254840	19.144	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	205644m	18.296	ug/l	
73) Bromobenzene	11.25	156	188962	19.274	ug/l	97
74) n-propylbenzene	11.35	91	817746	19.355	ug/l	100
75) 2-Chlorotoluene	11.42	91	483258	19.235	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	596607	19.092	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	83696	18.416	ug/l	98
78) 4-Chlorotoluene	11.51	91	550696	19.131	ug/l	100
79) tert-butylbenzene	11.76	119	598134	18.971	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	593776	19.068	ug/l	100
81) sec-Butylbenzene	11.94	105	688665	19.144	ug/l	100
82) p-Isopropyltoluene	12.06	119	641590	19.358	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	332393	19.284	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	330805	19.334	ug/l	98
85) n-Butylbenzene	12.39	91	530085	18.531	ug/l	99
86) Hexachloroethane	12.59	117	110190	18.117	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	326105	18.920	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	56843	19.095	ug/l	95
89) 1,2,4-Trichlorobenzene	13.64	180	226260	19.039	ug/l	99
90) Hexachlorobutadiene	13.78	225	107813	18.932	ug/l	98
91) Naphthalene	13.83	128	727599	19.337	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	229695	19.125	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
Data File : VX013372.D
Acq On : 11 Nov 2019 18:26
Operator : JC/SP
Sample : VSTDICV020
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

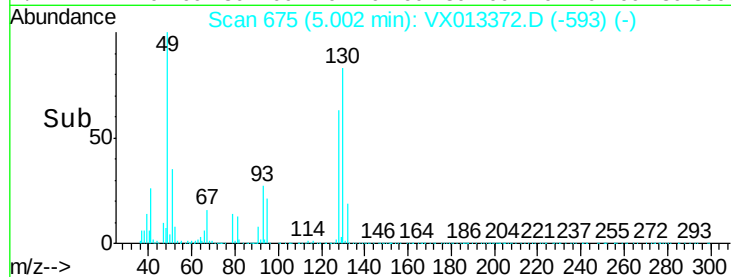
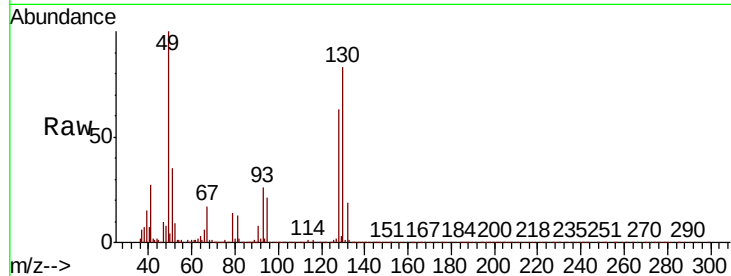
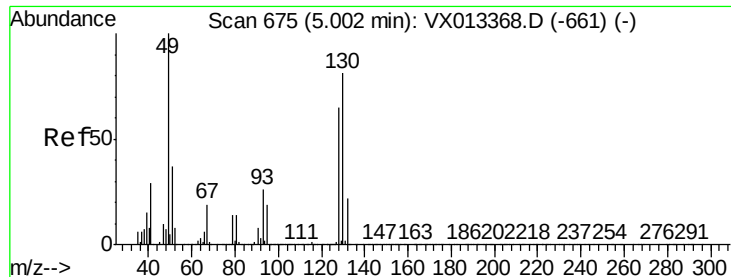
Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM

Quant Time: Nov 12 01:21:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

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

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



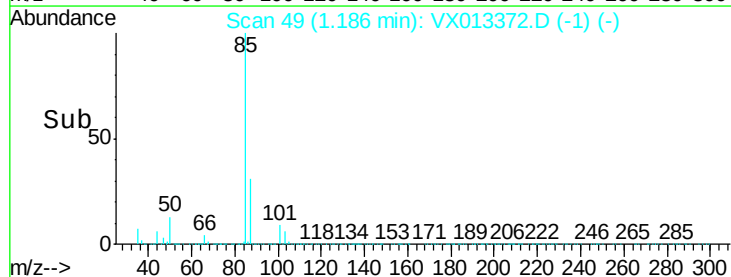
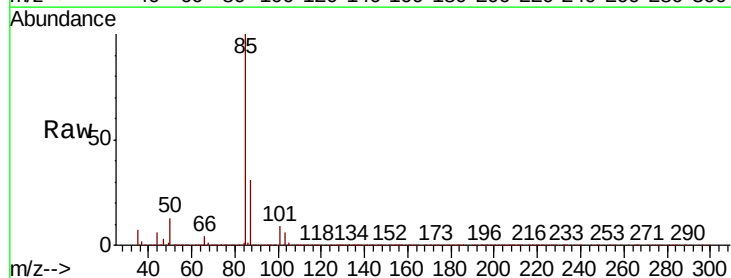
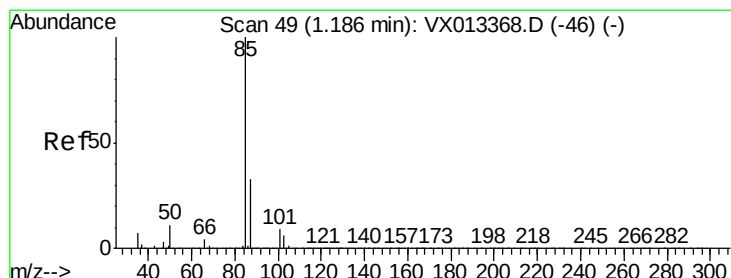
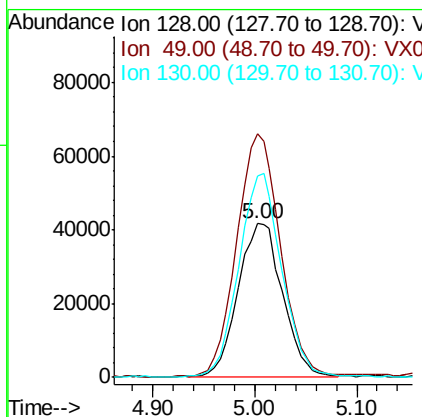
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tot Ion	Ratio	Resp	Lower	Upper
128	100	125986		
49	155.6	0.0	388.3	
130	128.9	0.0	318.5	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

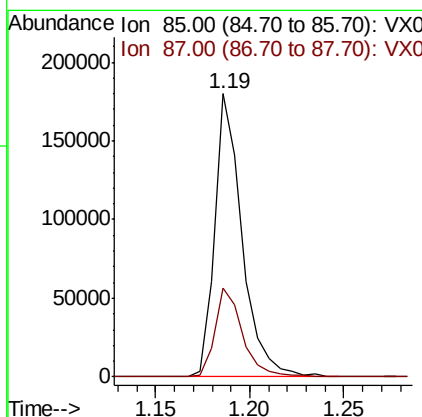
Manual Integrations
APPROVED

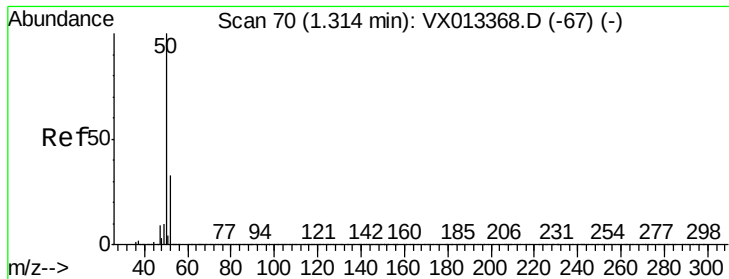
MMDadoda
11/12/2019 11:49:54 AM



#2
Dichlorodifluoromethane
Concen: 19.143 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	180702		
87	31.2	16.6	49.7	





#3

Chloromethane

Concen: 19.646 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111119

Tot Ion: 50 Resp: 202119

Ion Ratio Lower Upper

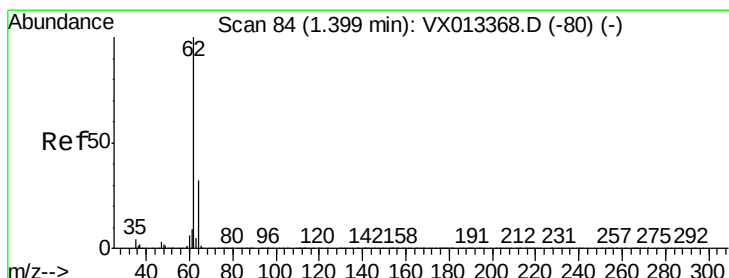
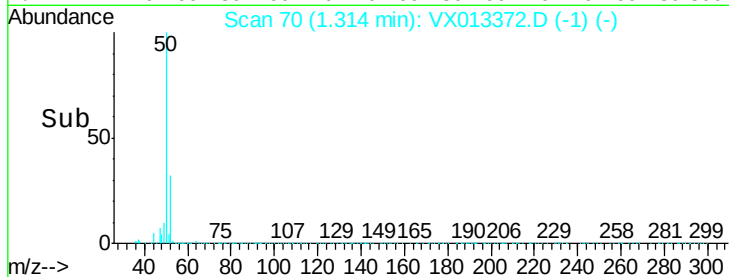
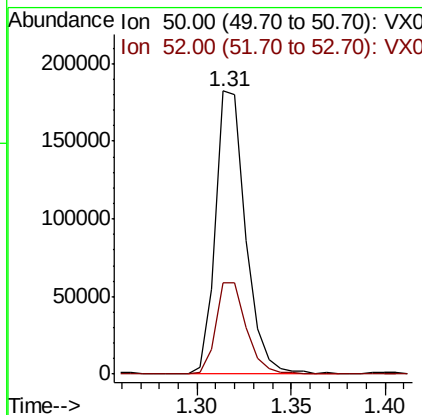
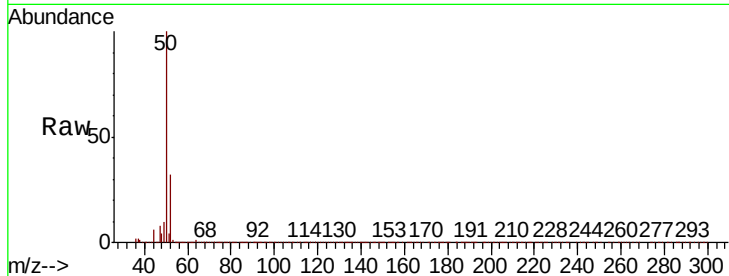
50 100

52 32.0 26.6 40.0

Manual Integrations
APPROVED

MMDadoda

11/12/2019 11:49:54 AM



#4

Vinyl Chloride

Concen: 18.765 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013372.D

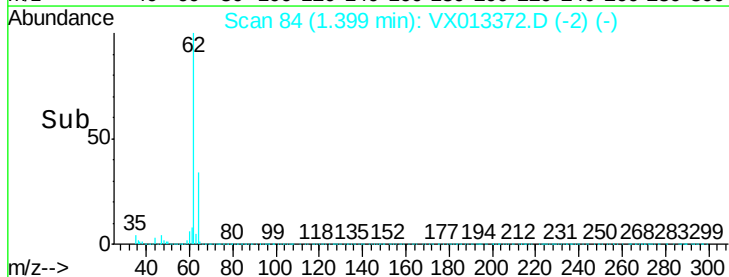
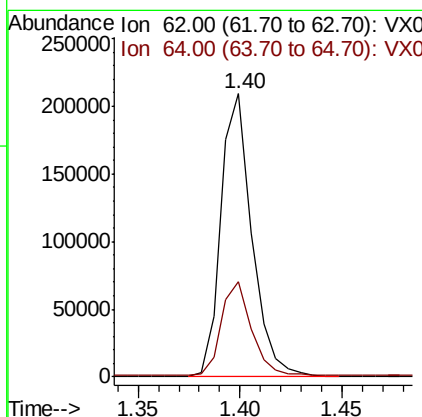
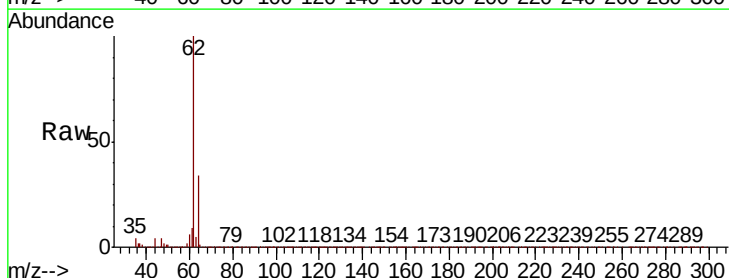
Acq: 11 Nov 2019 18:26

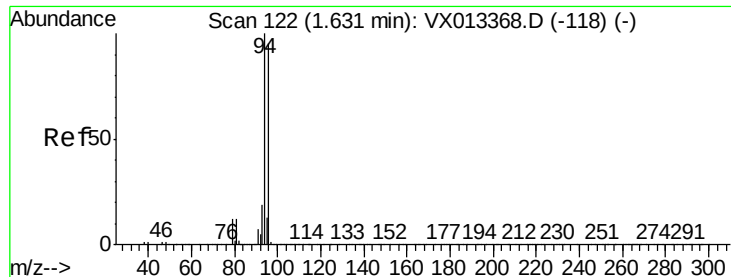
Tgt Ion: 62 Resp: 219355

Ion Ratio Lower Upper

62 100

64 33.2 25.4 38.2





#5

Bromomethane

Concen: 18.690 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111119

Tot Ion: 94 Resp: 131346

Ion Ratio Lower Upper

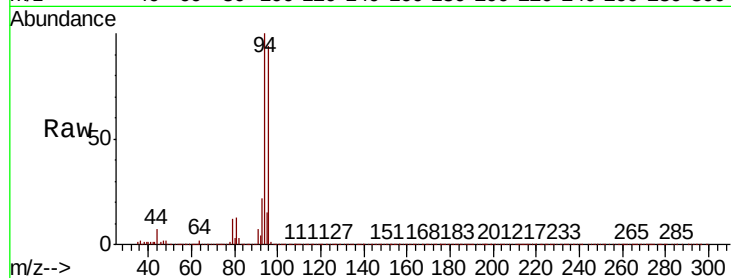
94 100

96 93.5 75.7 113.5

Manual Integrations
APPROVED

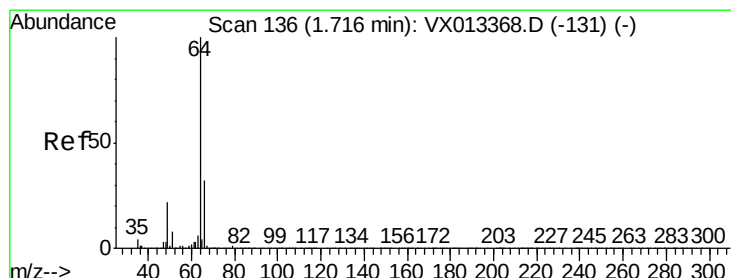
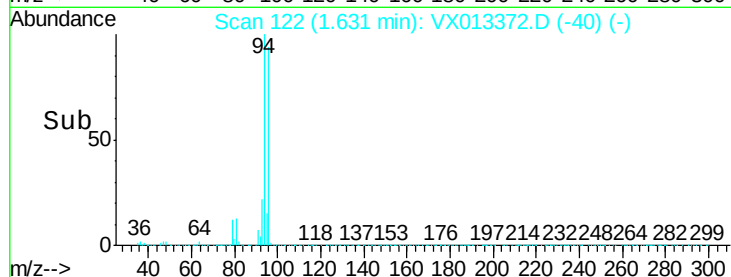
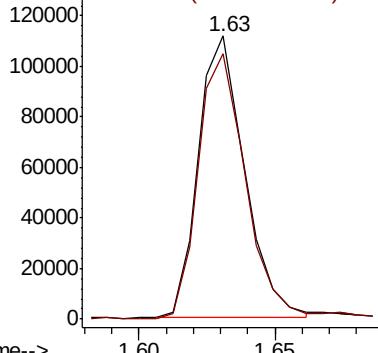
MMDadoda

11/12/2019 11:49:54 AM



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.485 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013372.D

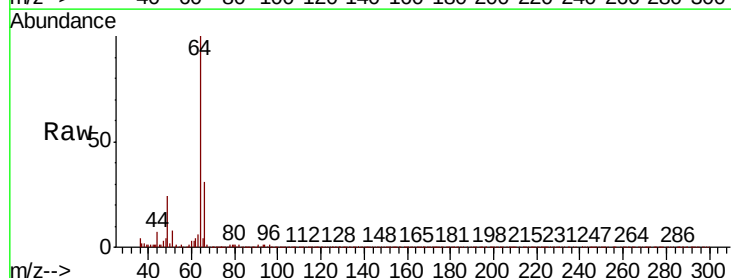
Acq: 11 Nov 2019 18:26

Tgt Ion: 64 Resp: 118783

Ion Ratio Lower Upper

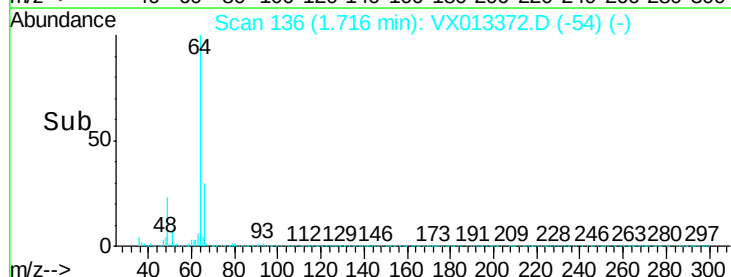
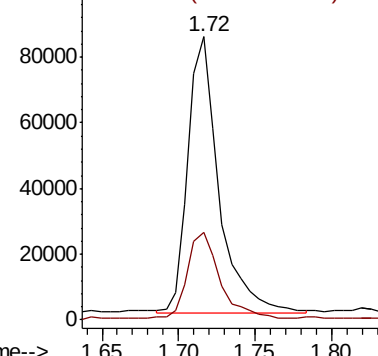
64 100

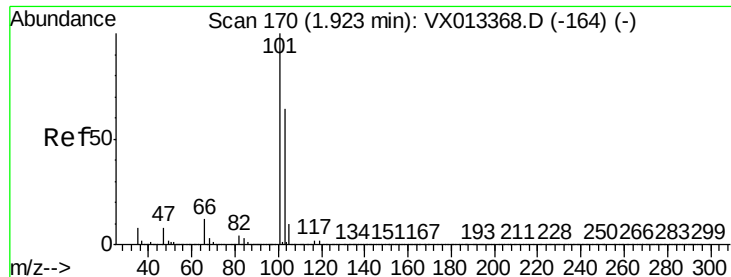
66 31.0 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

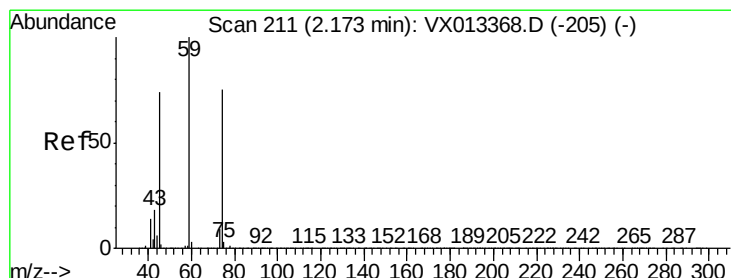
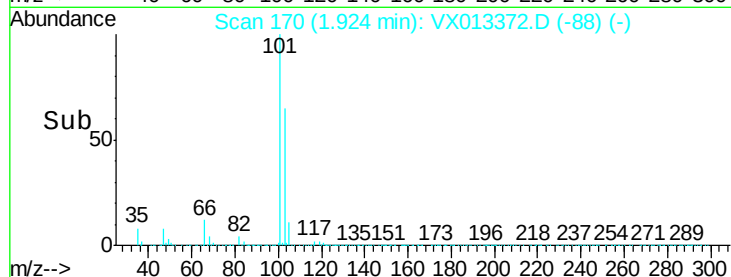
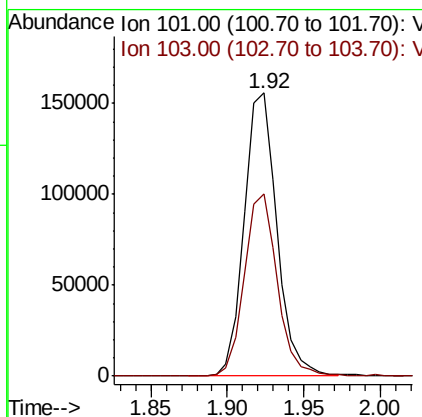
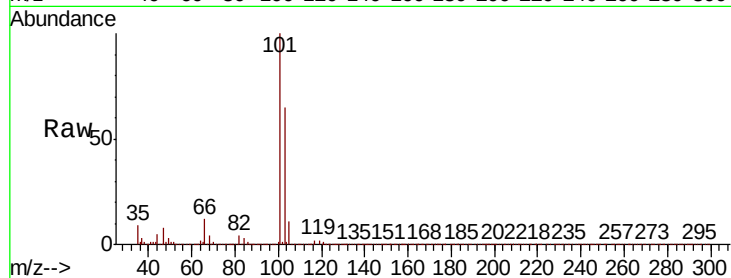
Trichlorofluoromethane
Concen: 18.366 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.2	76.8

Manual Integrations
APPROVED

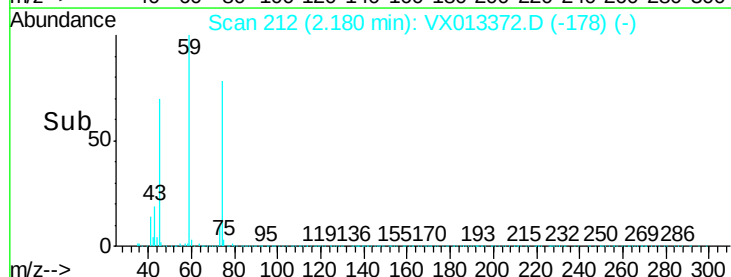
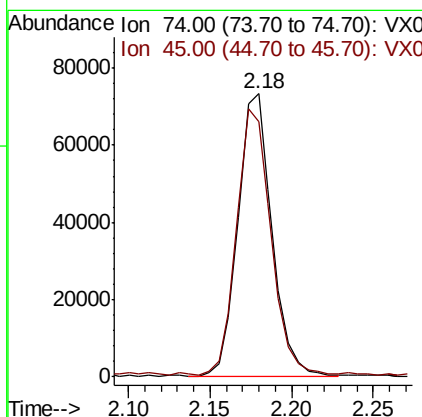
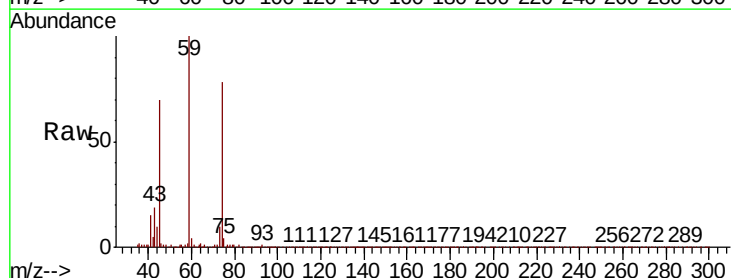
MMDadoda
11/12/2019 11:49:54 AM

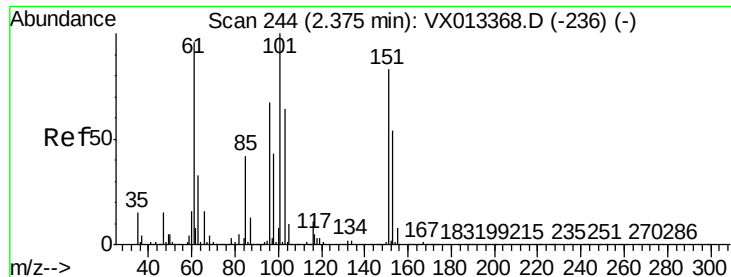


#8

Diethyl Ether
Concen: 18.413 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.6	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.131 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

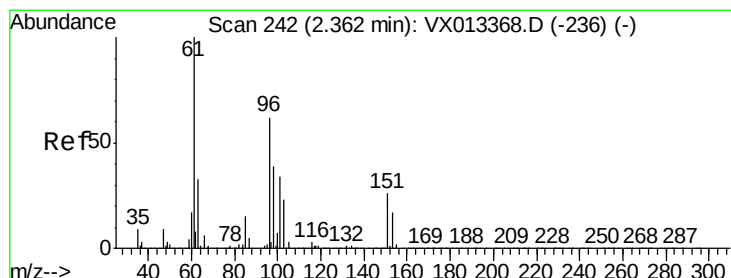
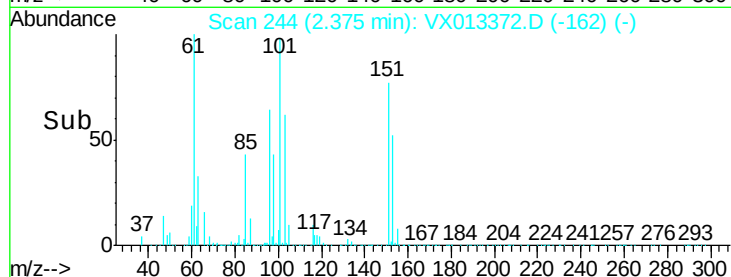
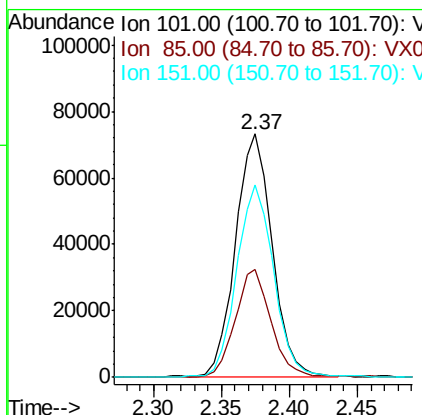
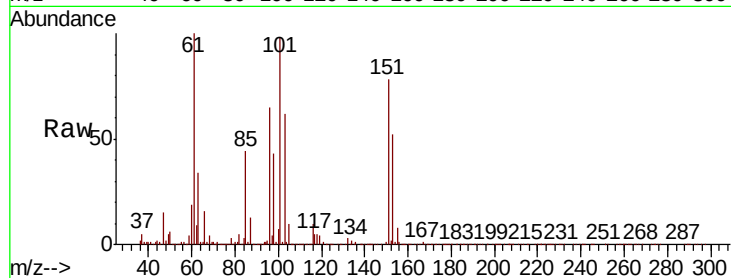
ClientSampleId :

ICVVX111119

Tot Ion:	101	Resp:	137277
Ion Ratio	Lower	Upper	
101	100		
85	43.7	0.0	83.2
151	78.2	0.0	163.8

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#10

1,1-Dichloroethene

Concen: 18.476 ug/l

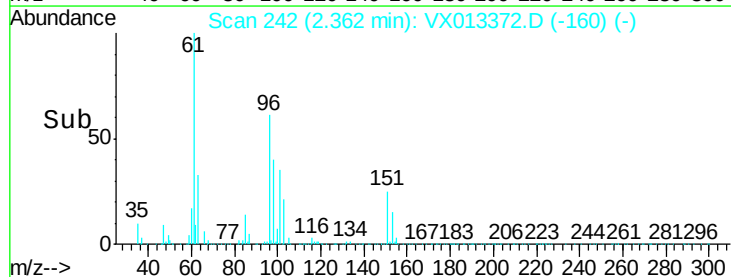
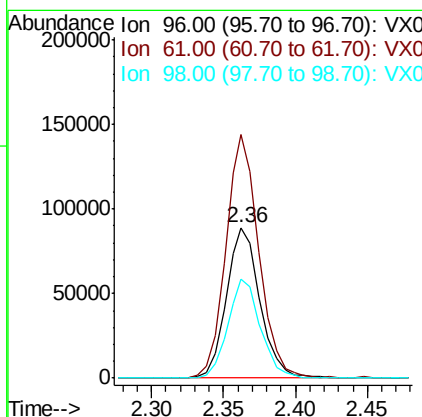
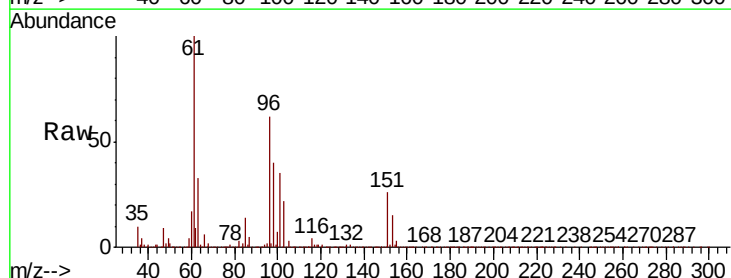
RT: 2.36 min Scan# 242

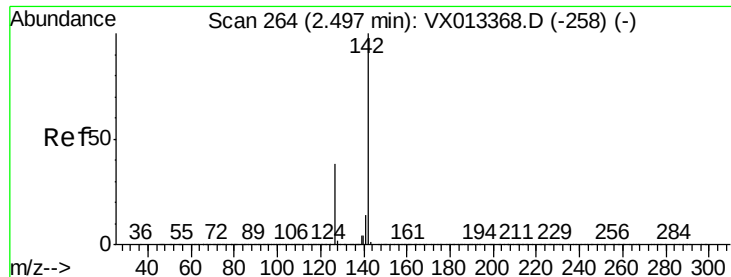
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	96	Resp:	143759
Ion Ratio	Lower	Upper	
96	100		
61	161.7	128.9	193.3
98	65.3	49.7	74.5





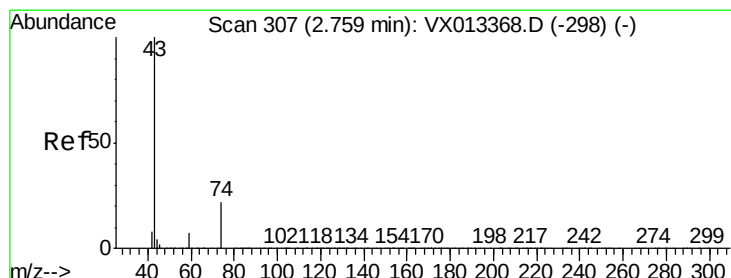
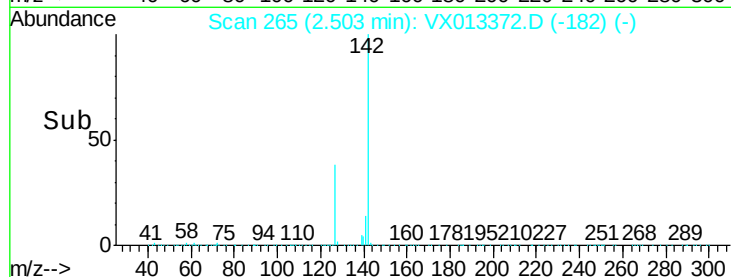
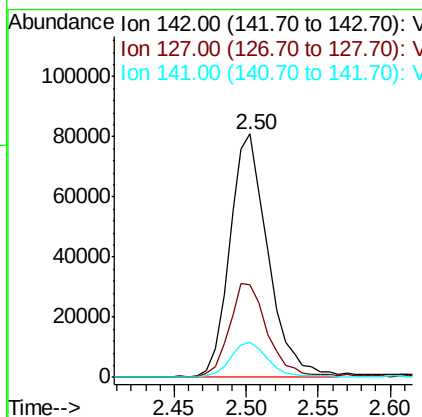
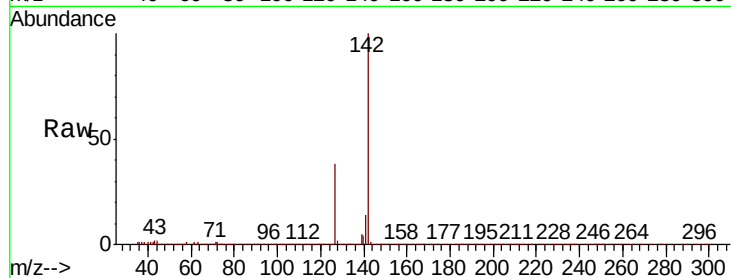
#11
Methyl Iodide
Concen: 15.557 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.6	19.1	57.5
141	14.2	7.0	21.0

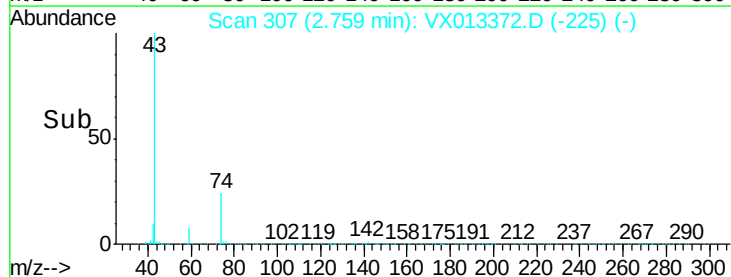
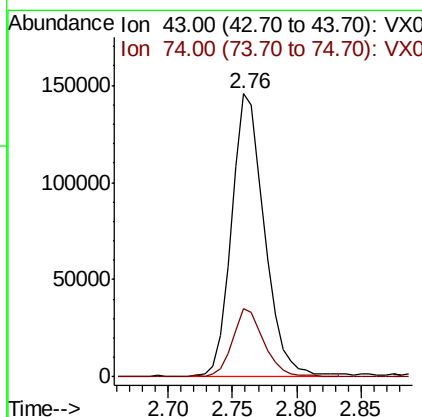
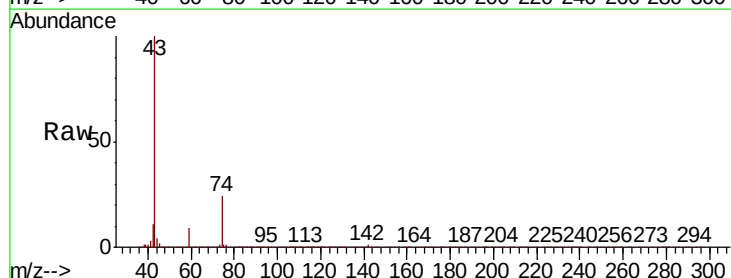
Manual Integrations
APPROVED

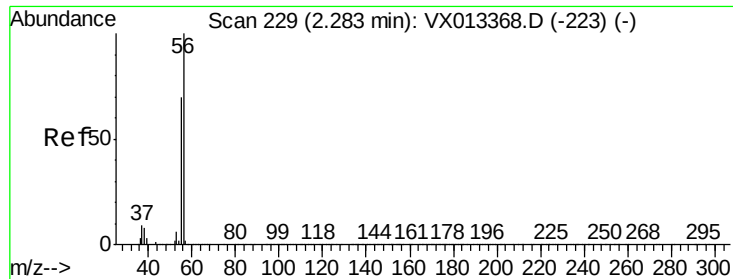
MMDadoda
11/12/2019 11:49:54 AM



#12
Methyl Acetate
Concen: 19.079 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	18.0	27.0





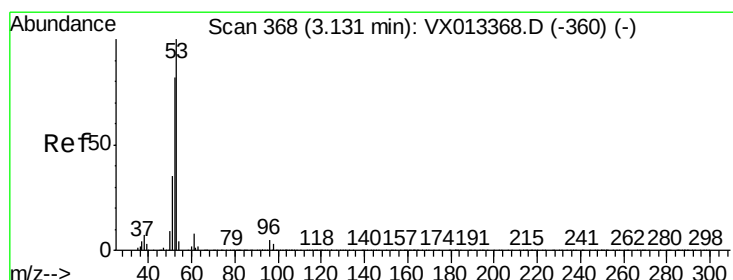
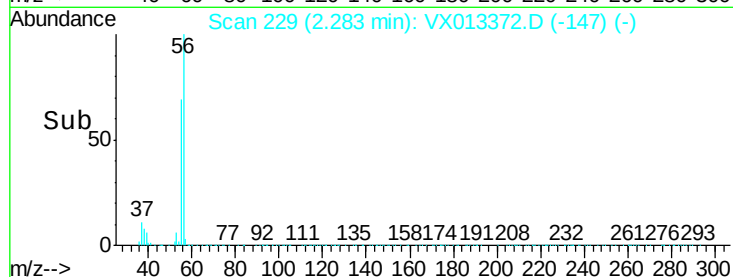
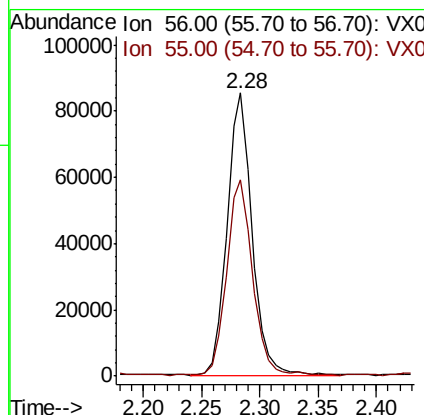
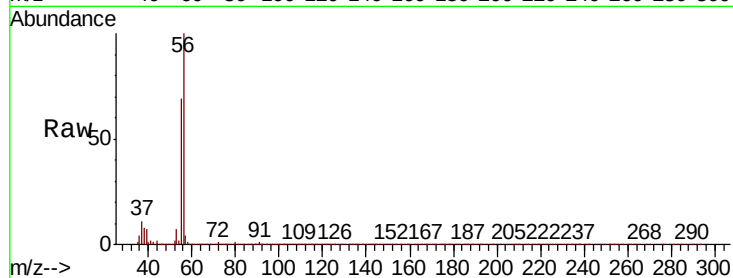
#13
Acrolein
Concen: 87.370 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.0	55.8	83.8	

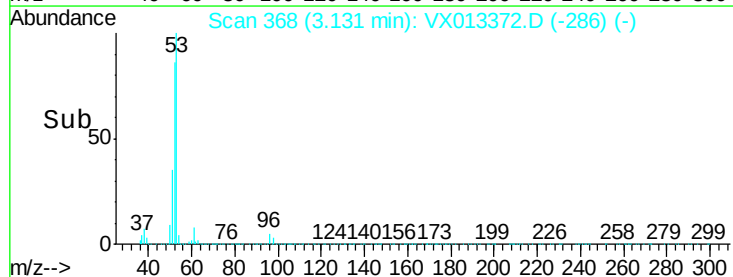
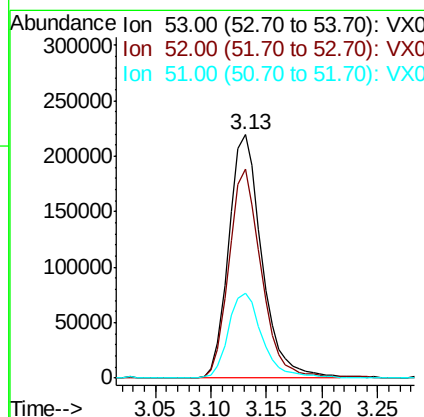
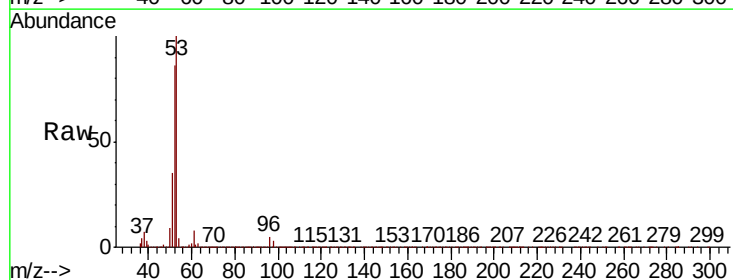
Manual Integrations
APPROVED

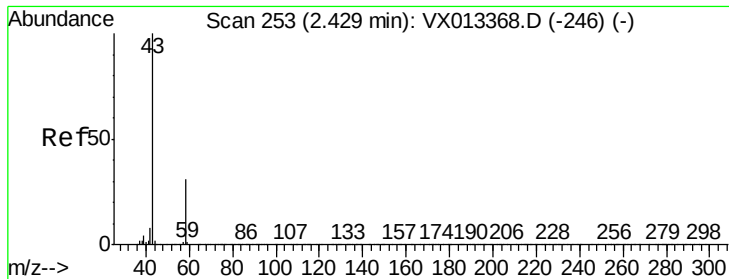
MMDadoda
11/12/2019 11:49:54 AM



#14
Acrylonitrile
Concen: 90.095 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.7	41.0	123.0	
51	35.7	17.3	51.9	





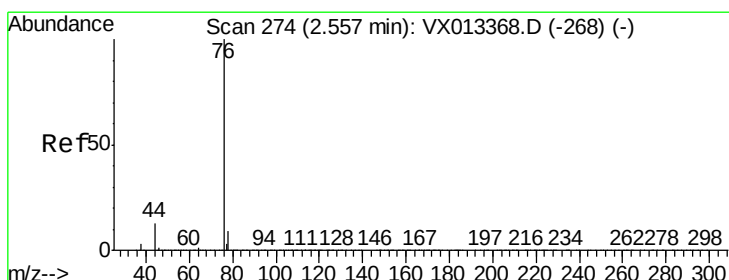
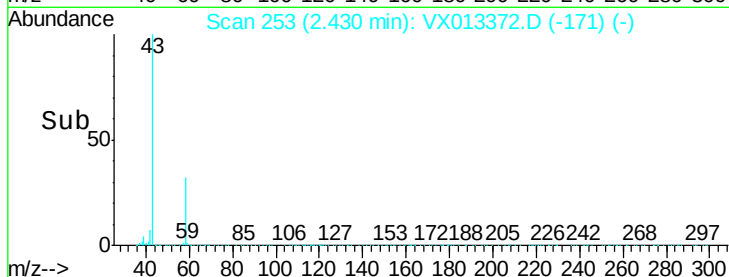
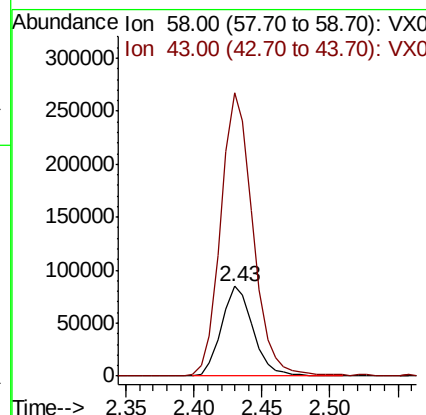
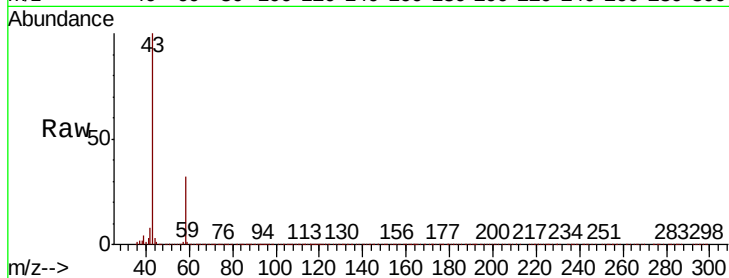
#15
Acetone
Concen: 89.129 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	58	Resp	135340
Ion Ratio	Lower	Upper	
58	100		
43	316.6	261.4	392.2

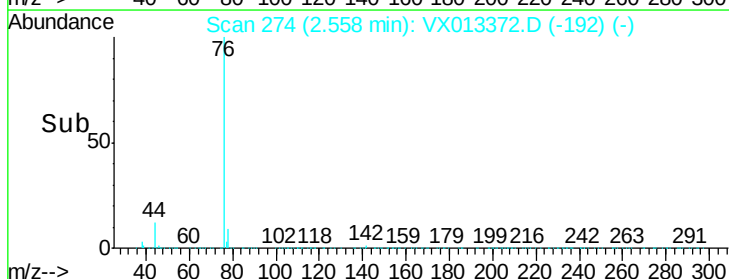
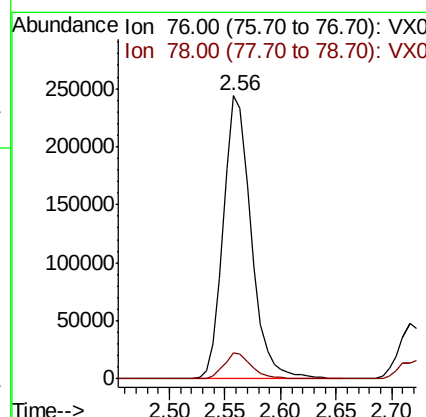
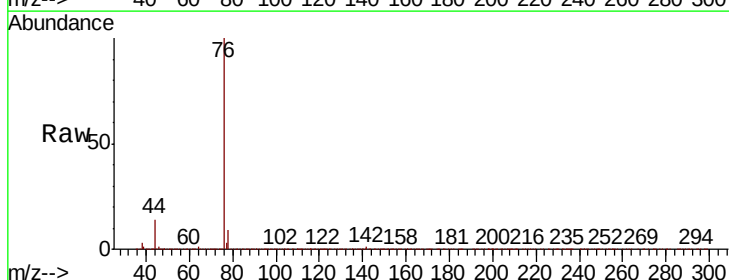
Manual Integrations
APPROVED

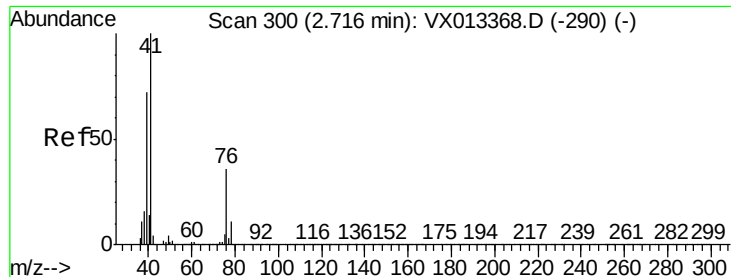
MMDadoda
11/12/2019 11:49:54 AM



#16
Carbon Disulfide
Concen: 19.489 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	76	Resp	422955
Ion Ratio	Lower	Upper	
76	100		
78	9.2	7.4	11.0





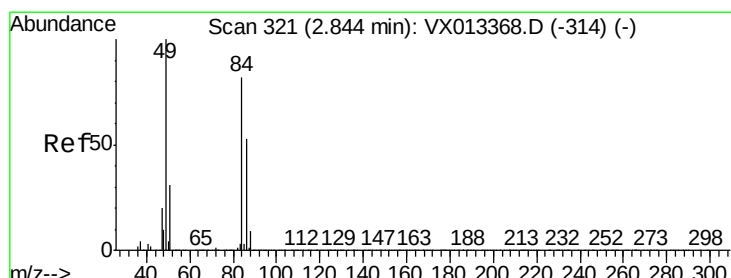
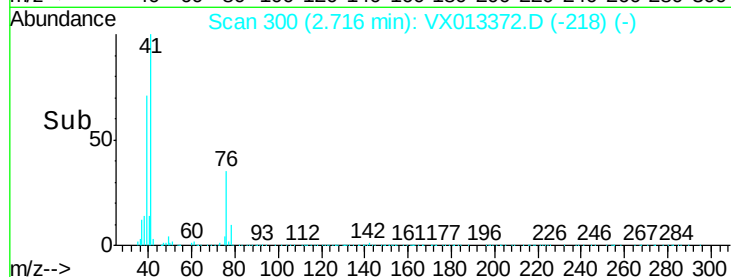
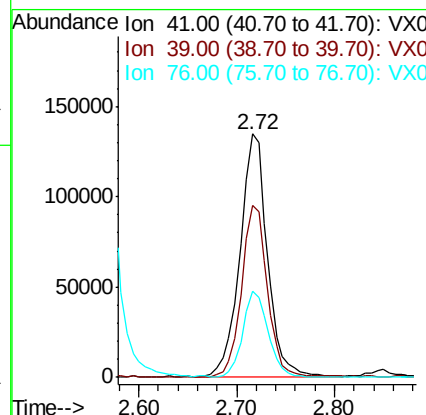
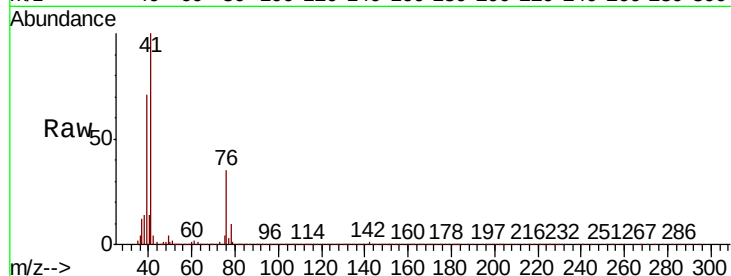
#17
Allvl chloride
Concen: 18.188 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion:	41	Resp:	260612
Ion Ratio	Lower	Upper	
41	100		
39	70.5	36.1	108.3
76	35.1	18.1	54.4

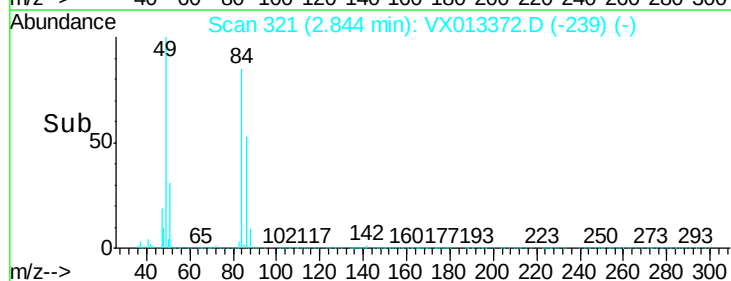
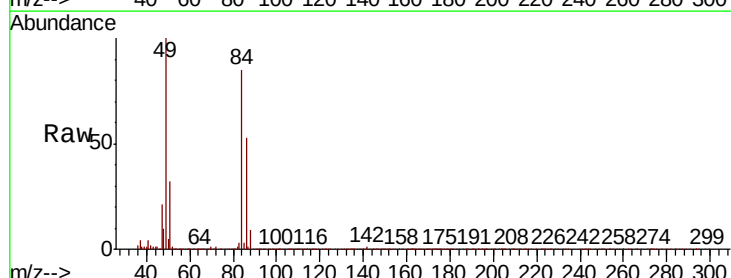
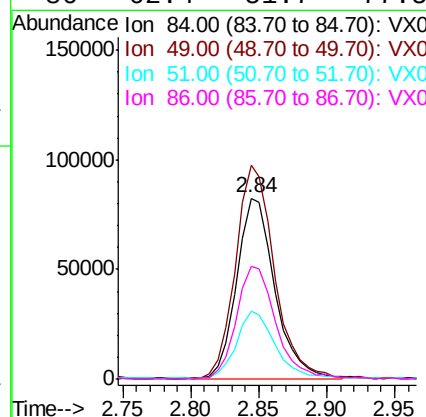
Manual Integrations
APPROVED

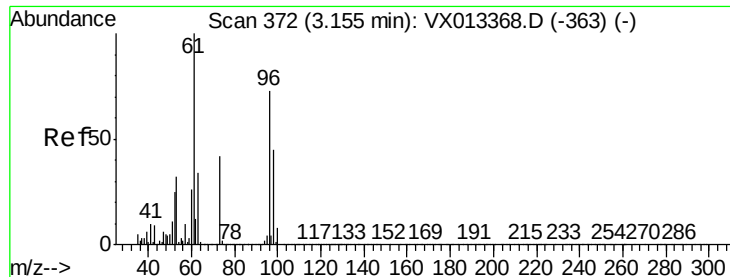
MMDadoda
11/12/2019 11:49:54 AM



#18
Methylene Chloride
Concen: 18.249 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion:	84	Resp:	161107
Ion Ratio	Lower	Upper	
84	100		
49	117.7	96.8	145.2
51	37.2	30.0	45.0
86	62.4	51.7	77.5





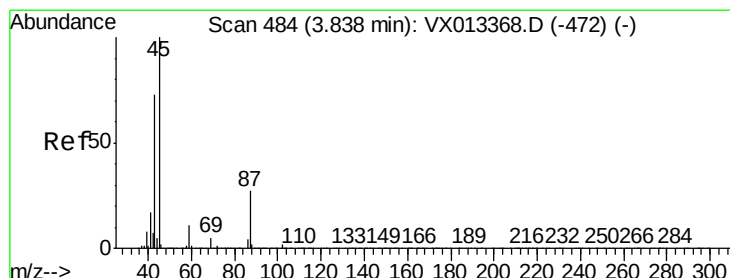
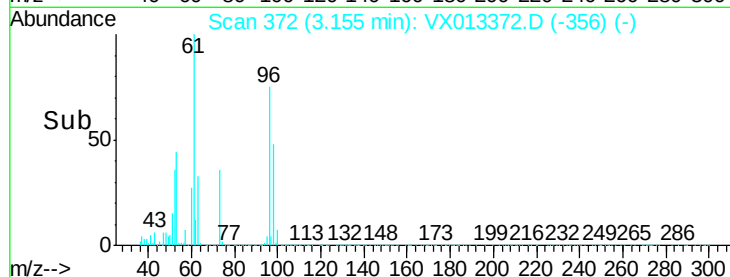
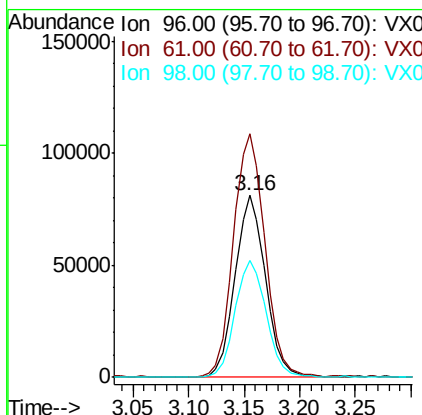
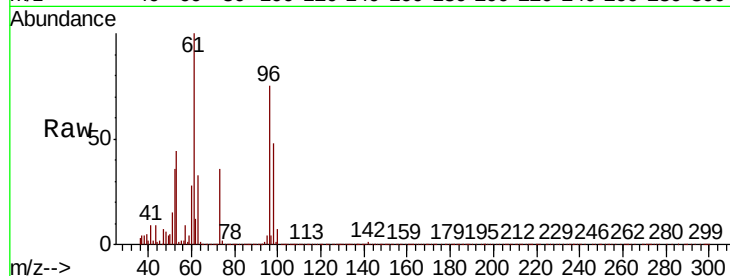
#19
trans-1,2-Dichloroethene
Concen: 18.570 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.5	109.9	164.9
98	64.3	49.7	74.5

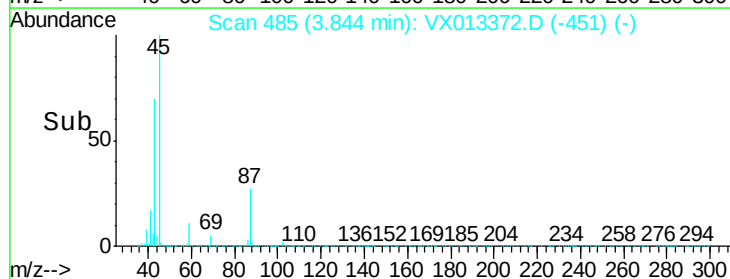
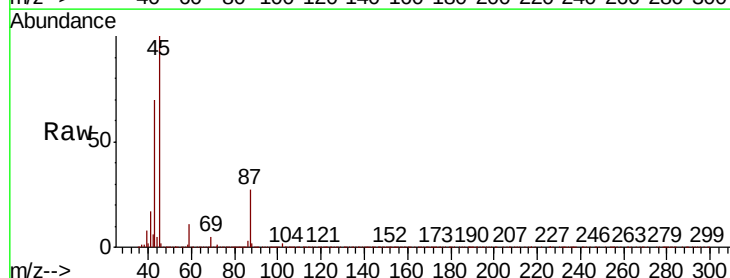
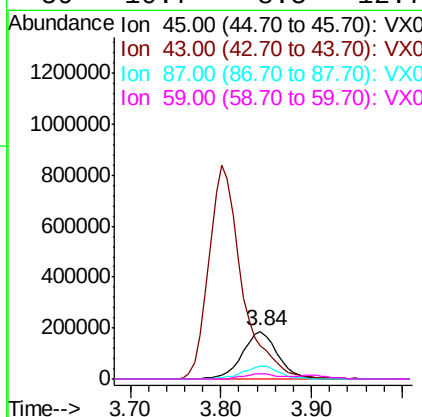
Manual Integrations
APPROVED

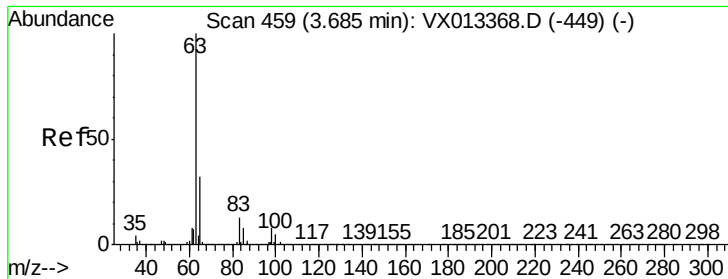
MMDadoda
11/12/2019 11:49:54 AM



#20
Diisopropyl ether
Concen: 18.068 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.7	67.7	101.5
87	26.7	21.5	32.3
59	10.7	8.5	12.7





#21

1,1-Dichloroethane

Concen: 18.389 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

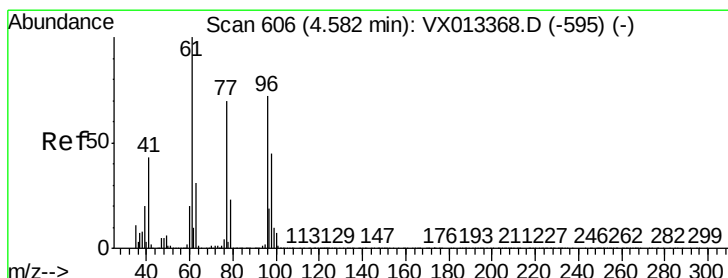
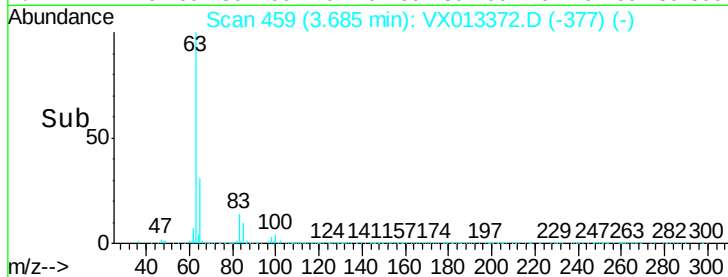
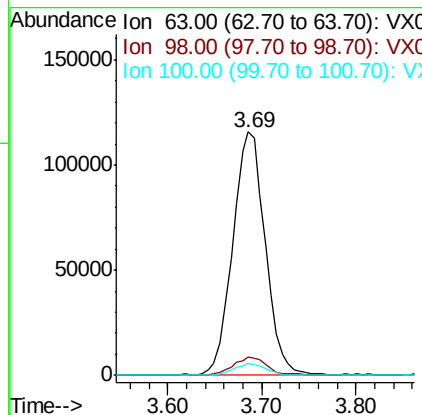
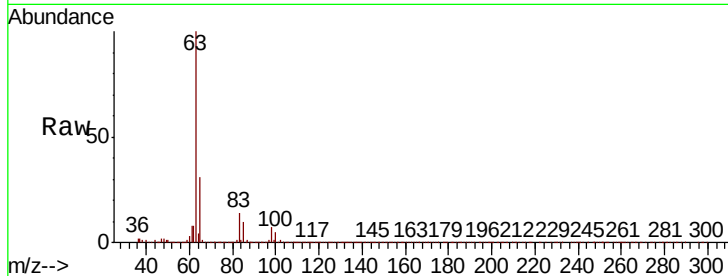
ClientSampleId :

ICVVX111119

Tot Ion:	63	Resp:	276109
Ion Ratio	Lower	Upper	
63	100		
98	7.2	4.0	11.9
100	4.9	2.5	7.5

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#22

cis-1,2-Dichloroethene

Concen: 18.736 ug/l

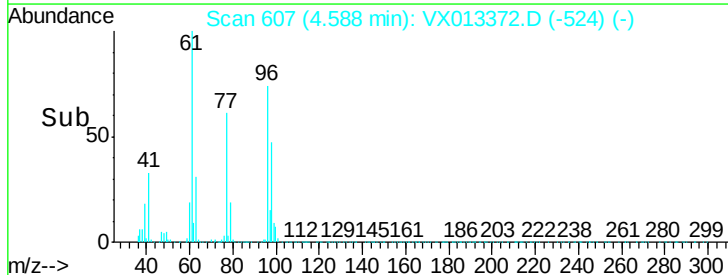
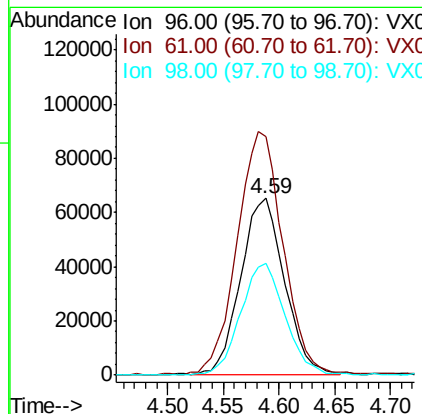
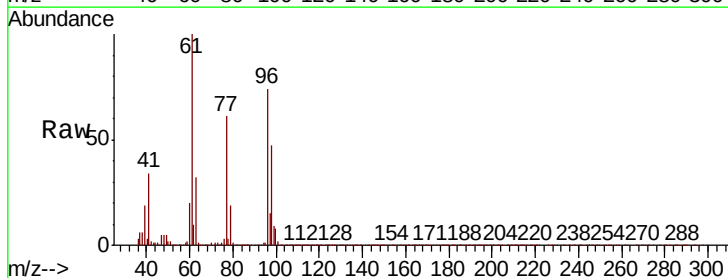
RT: 4.59 min Scan# 607

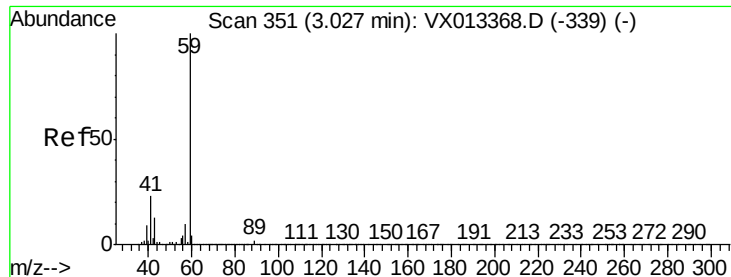
Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	96	Resp:	177628
Ion Ratio	Lower	Upper	
96	100		
61	144.5	117.0	175.6
98	63.8	51.1	76.7





#23

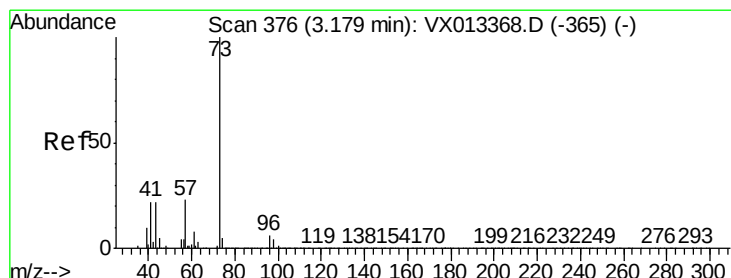
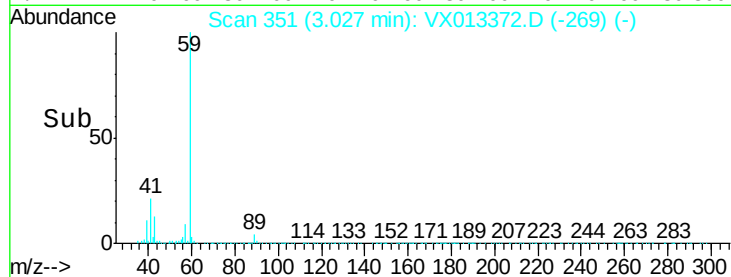
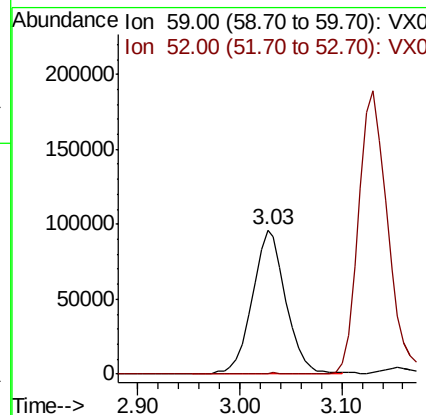
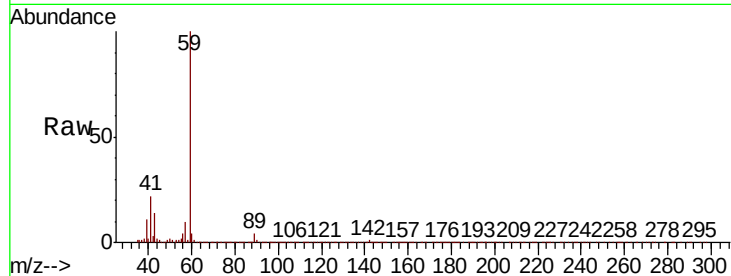
tert-Butyl Alcohol
Concen: 90.479 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

Manual Integrations
APPROVED

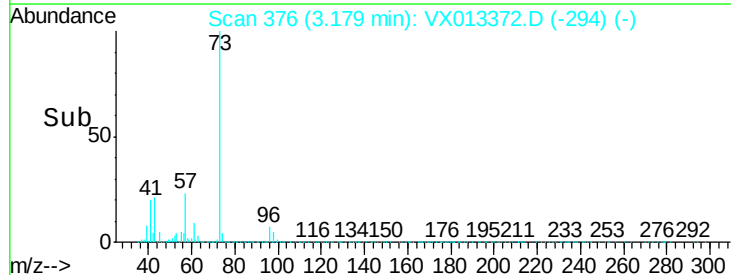
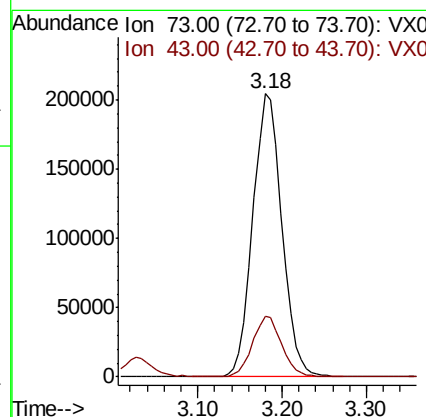
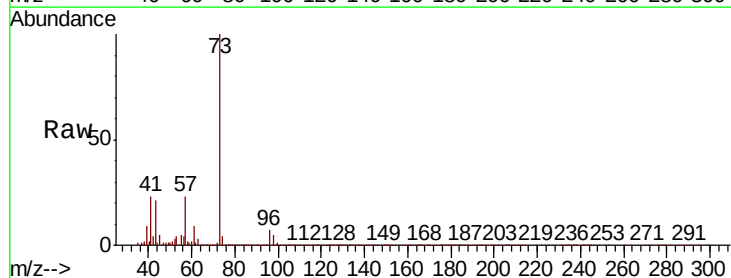
MMDadoda
11/12/2019 11:49:54 AM

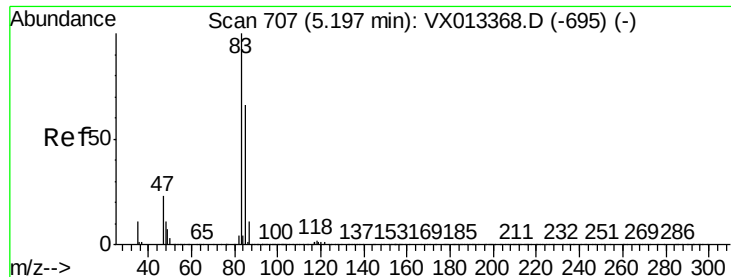


#24

Methyl tert-Butyl Ether
Concen: 18.543 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.1	17.0	25.6





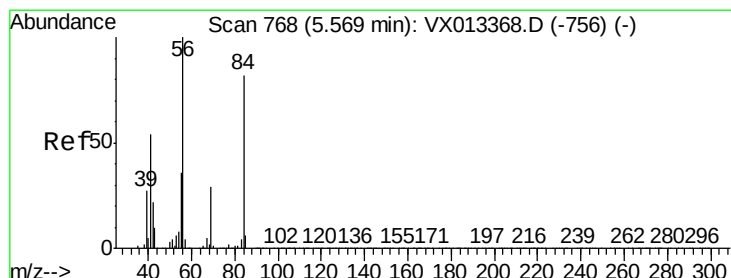
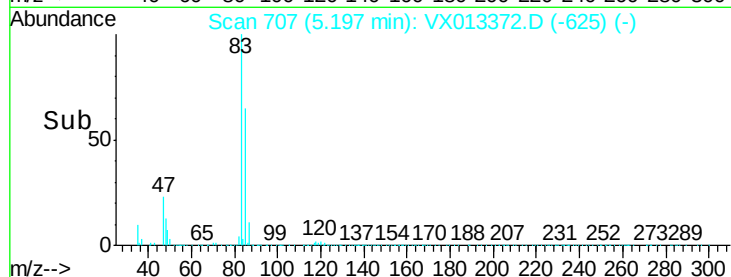
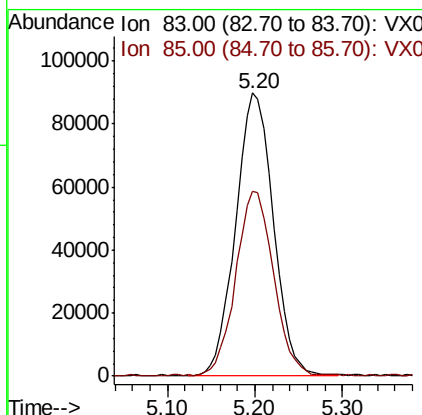
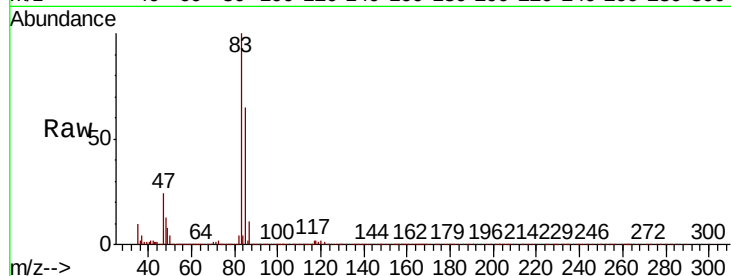
#25
Chloroform
Concen: 18.351 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	83	85	Ratio	Lower	Upper
83	100				
85	65.0		52.4	78.6	

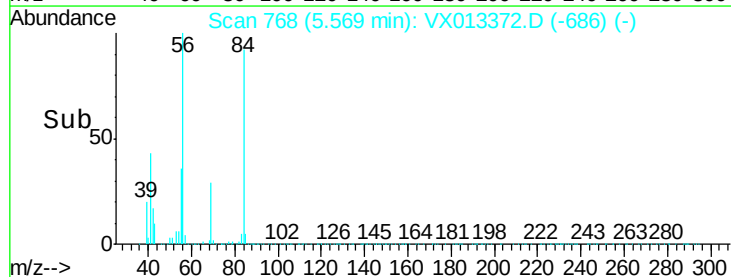
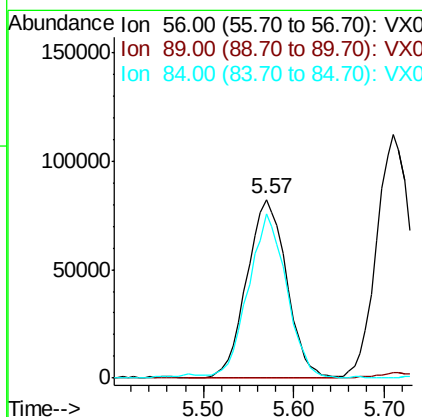
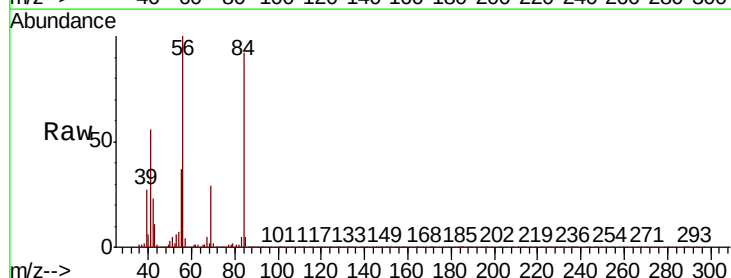
Manual Integrations
APPROVED

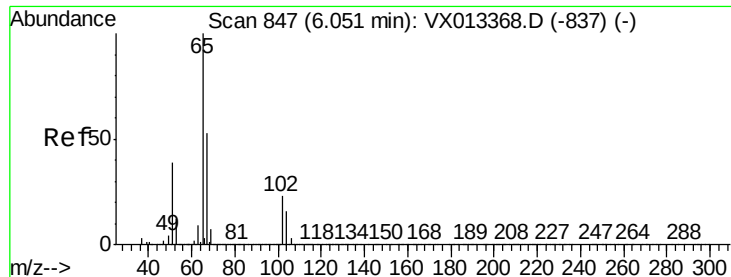
MMDadoda
11/12/2019 11:49:54 AM



#26
Cyclohexane
Concen: 18.213 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	56	89	84	Ratio	Lower	Upper
56	100					
89	0.2			0.0	0.0#	
84	89.1			70.5	105.7	





#27

1,2-Dichloroethane-d4

Concen: 28.447 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111119

Tot Ion: 65 Resp: 264648

Ion Ratio Lower Upper

65 100

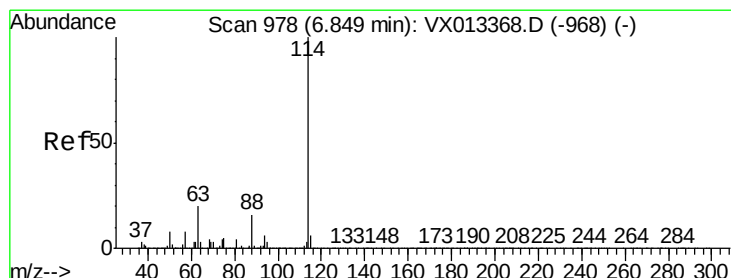
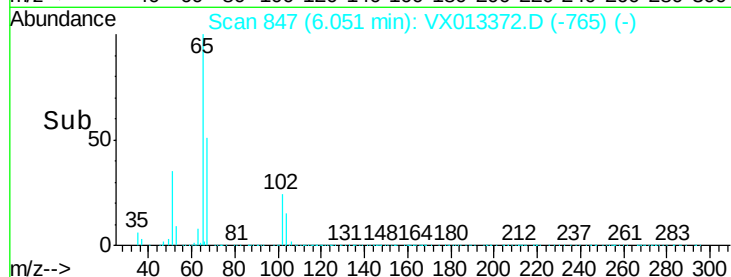
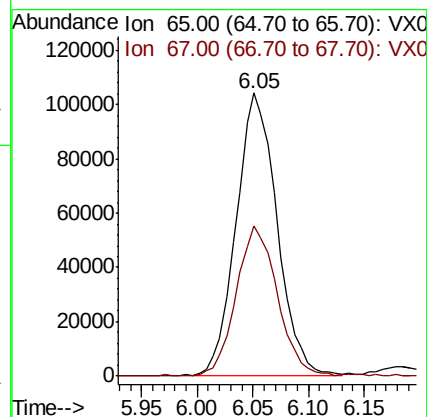
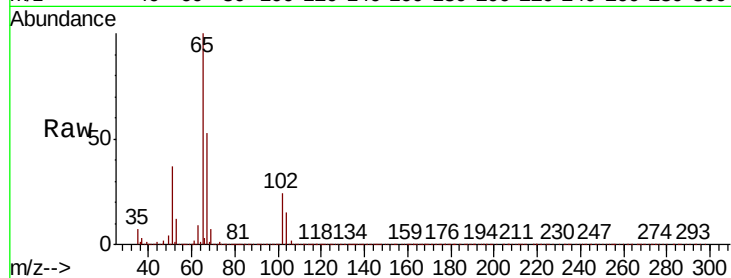
67 53.1 41.0 61.6

Manual Integrations

APPROVED

MMDadoda

11/12/2019 11:49:54 AM



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

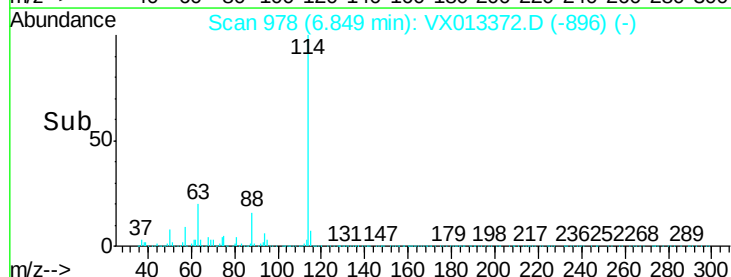
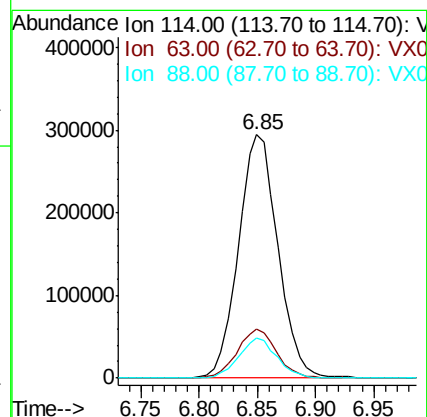
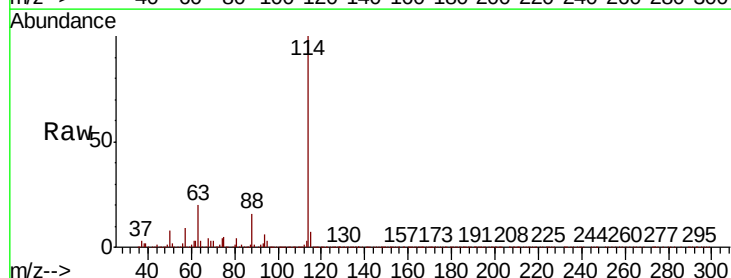
Tgt Ion: 114 Resp: 691860

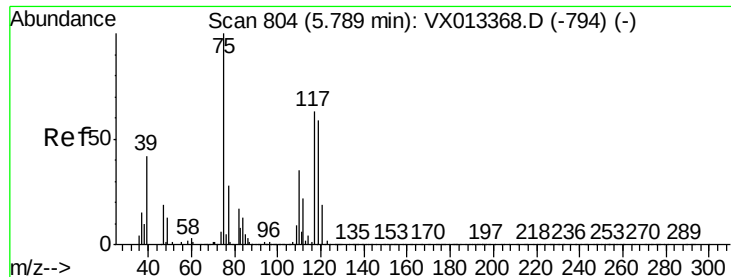
Ion Ratio Lower Upper

114 100

63 20.0 16.1 24.1

88 16.0 12.3 18.5





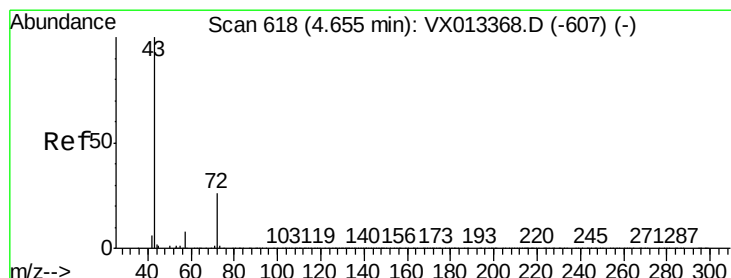
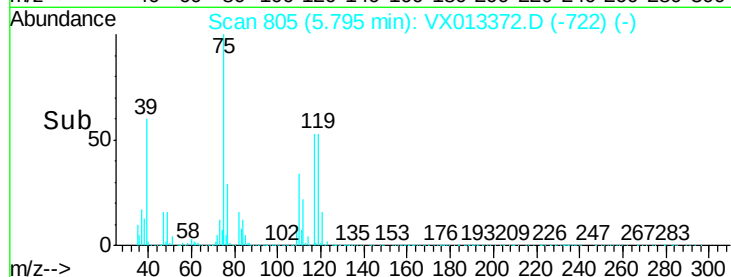
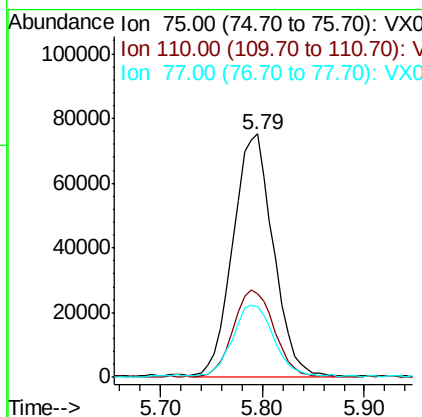
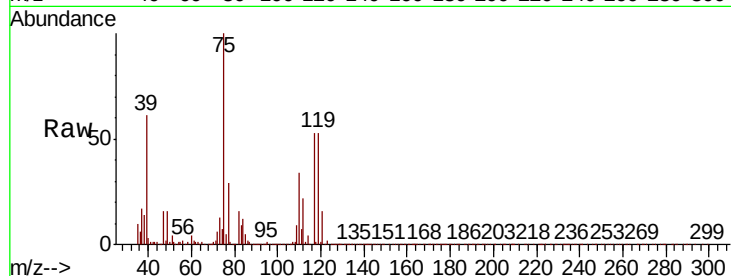
#29
 1,1-Dichloropropene
 Concen: 19.577 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.01 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.1	0.0	74.6
77	30.1	0.0	62.6

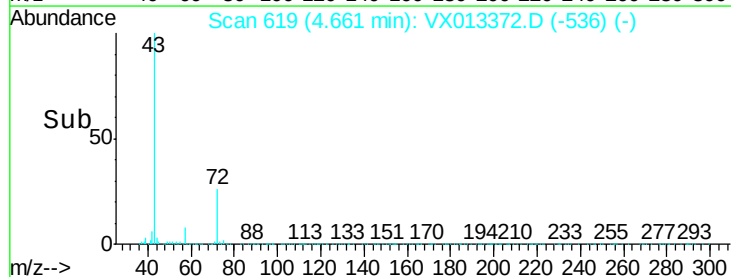
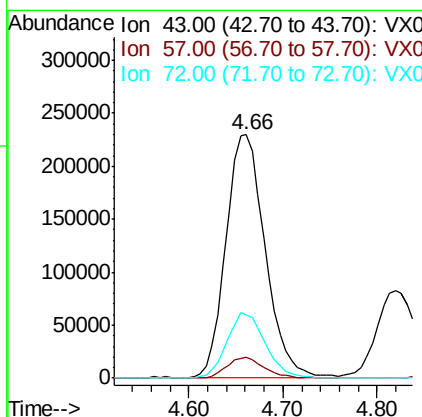
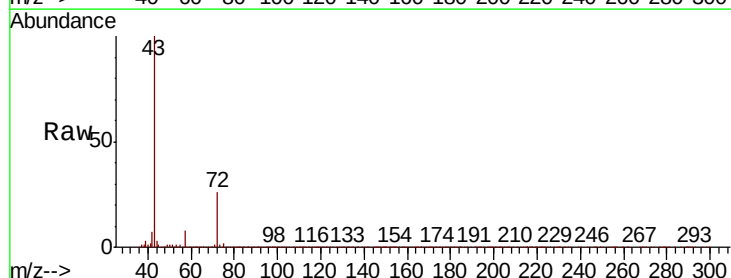
Manual Integrations
 APPROVED

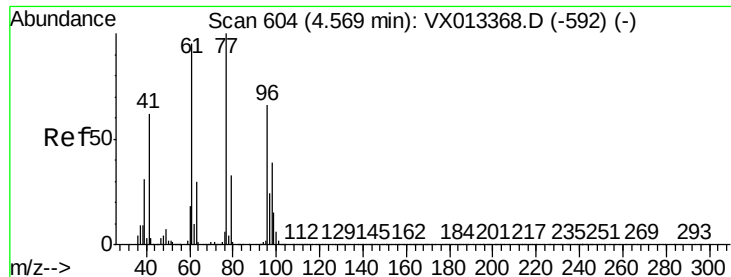
MMDadoda
 11/12/2019 11:49:54 AM



#30
 2-Butanone
 Concen: 95.316 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.1	9.1
72	26.5	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.673 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111119

Tot Ion: 77 Resp: 225151

Ion Ratio Lower Upper

77 100

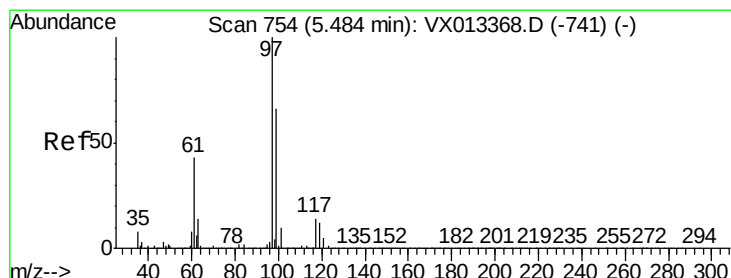
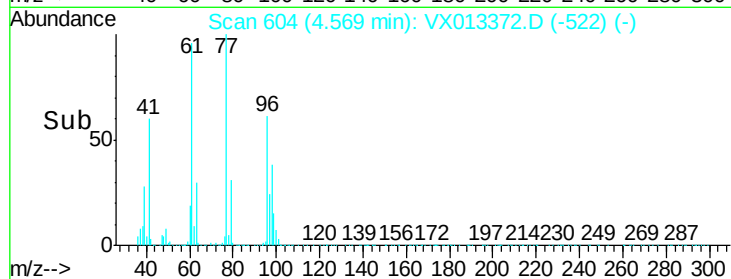
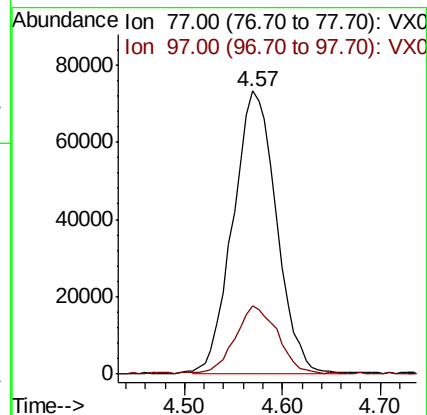
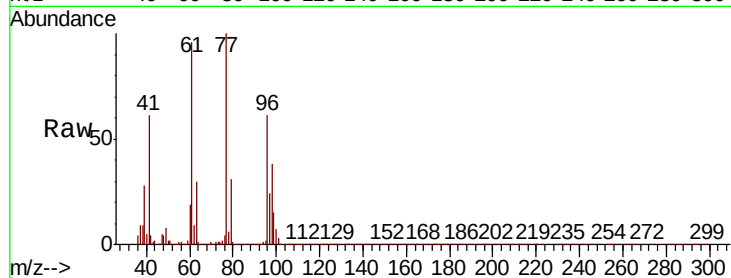
97 23.3 19.2 28.8

Manual Integrations

APPROVED

MMDadoda

11/12/2019 11:49:54 AM



#32

1,1,1-Trichloroethane

Concen: 19.531 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

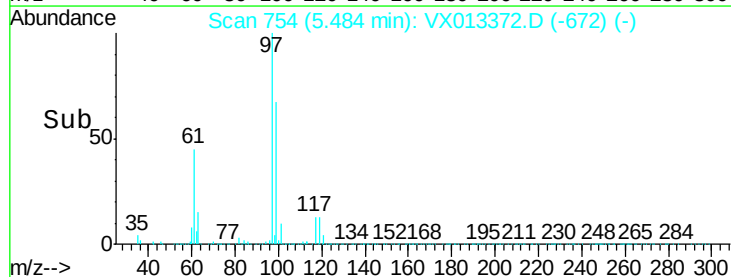
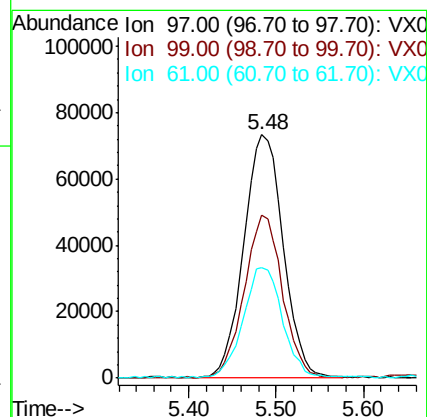
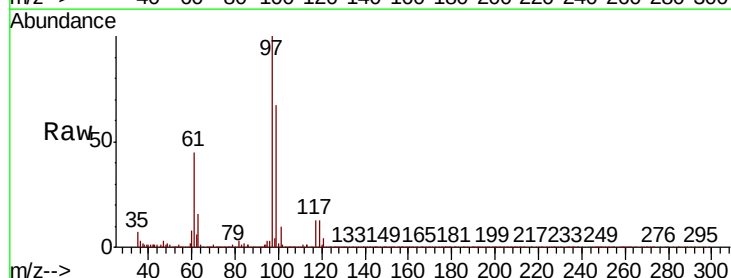
Tgt Ion: 97 Resp: 229405

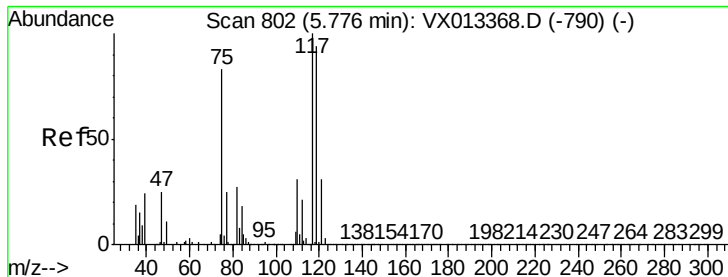
Ion Ratio Lower Upper

97 100

99 64.2 52.5 78.7

61 45.1 36.1 54.1





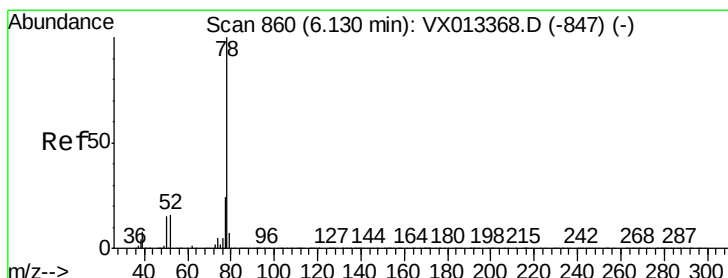
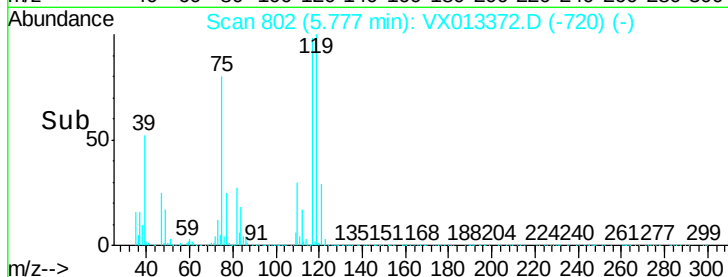
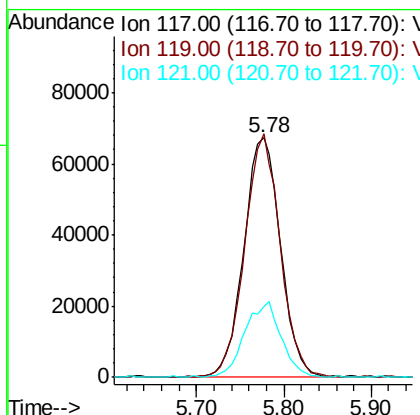
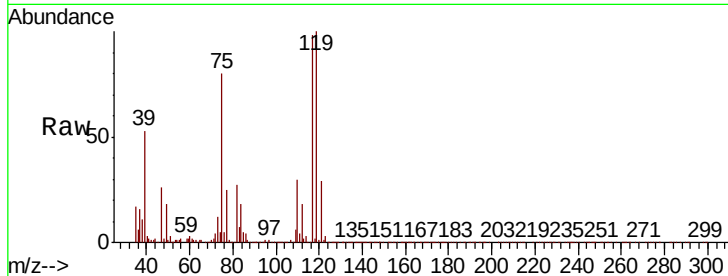
#33
Carbon Tetrachloride
Concen: 19.158 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
117	100		
119	101.6	75.0	112.6
121	29.5	24.9	37.3

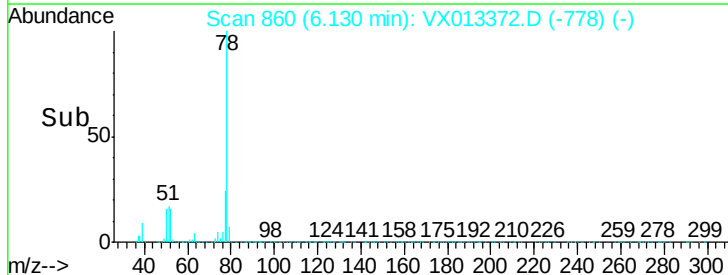
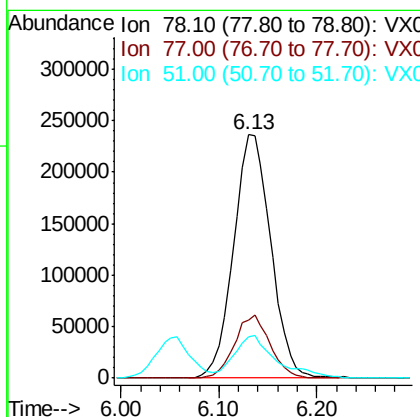
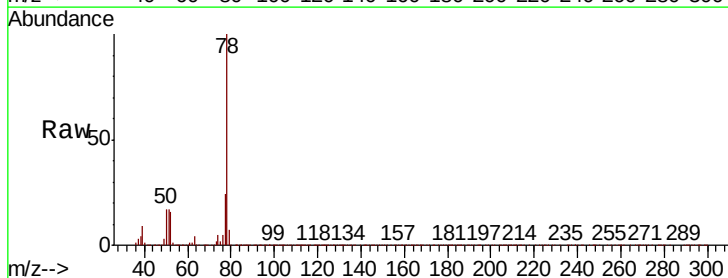
Manual Integrations
APPROVED

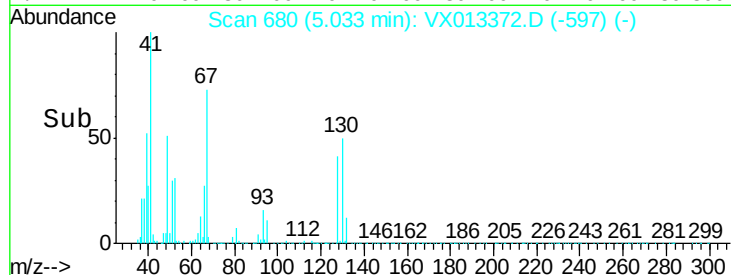
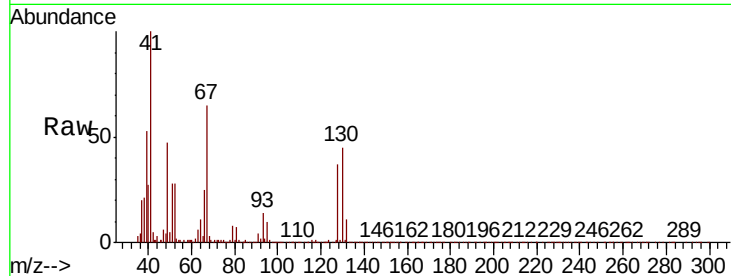
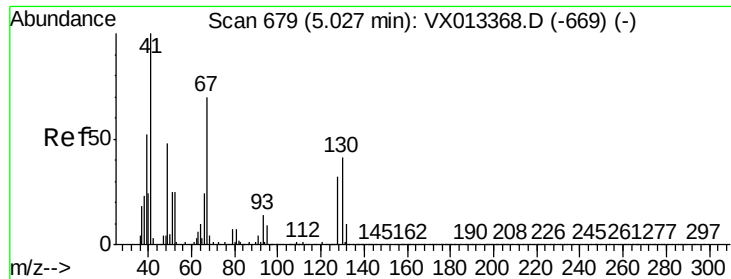
MMDadoda
11/12/2019 11:49:54 AM



#34
Benzene
Concen: 19.476 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.3	28.9
51	16.4	12.2	18.4





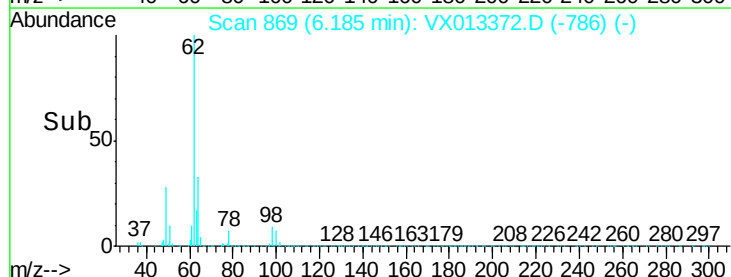
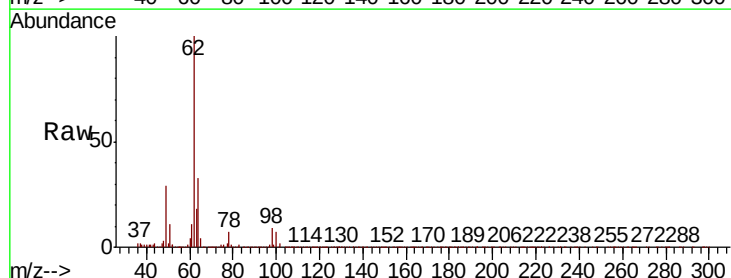
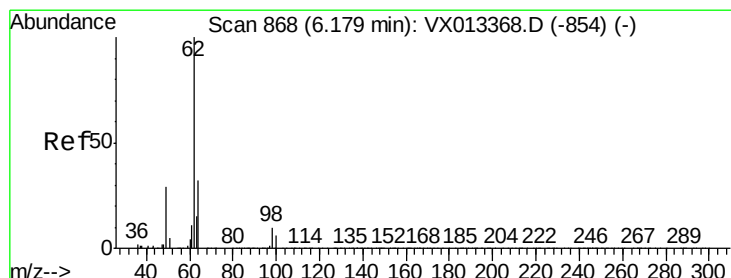
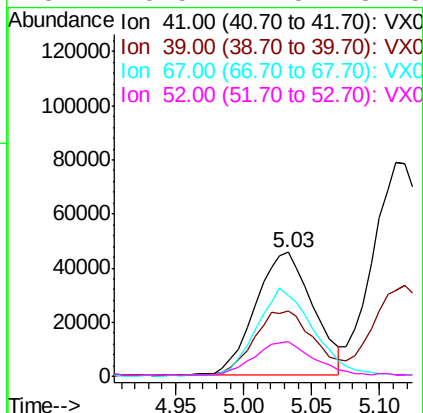
#35
Methacrylonitrile
Concen: 19.423 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		135286		
39	51.9	25.9	77.8		
67	64.4	35.1	105.5		
52	26.5	12.5	37.5		

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

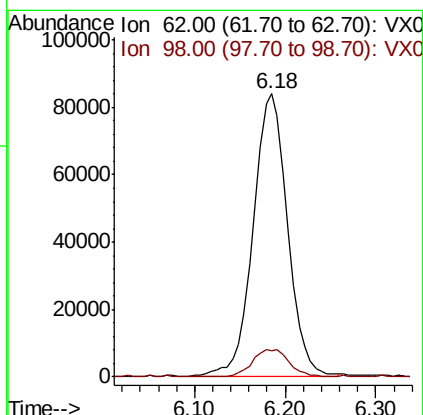
Manual Integrations
APPROVED

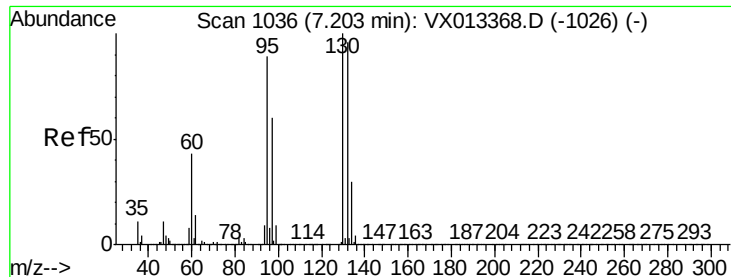
MMDadoda
11/12/2019 11:49:54 AM



#36
1,2-Dichloroethane
Concen: 19.470 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		218442		
98	10.1	8.2	12.2		





#37

Trichloroethene

Concen: 19.805 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111119

Tot Ion:130 Resp: 170066

Ion Ratio Lower Upper

130 100

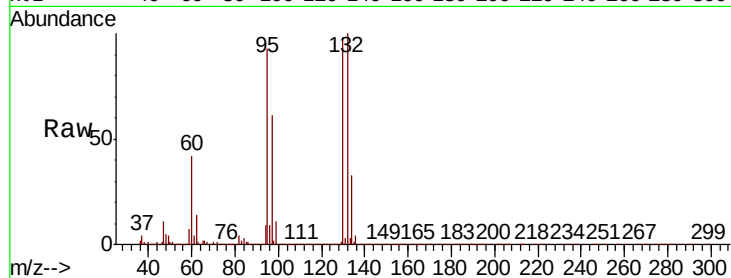
95 95.6 71.3 106.9

Manual Integrations

APPROVED

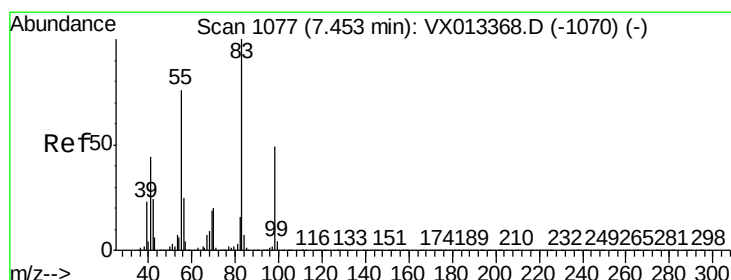
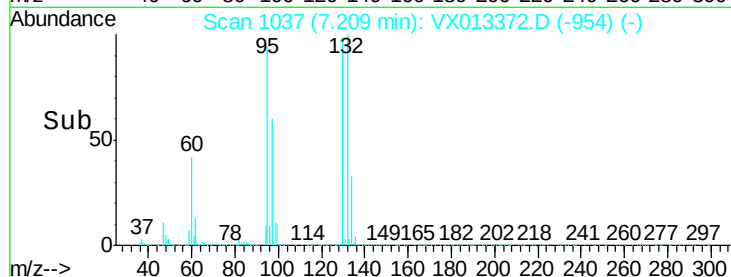
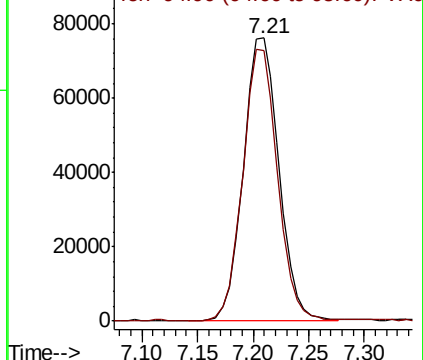
MMDadoda

11/12/2019 11:49:54 AM



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.186 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

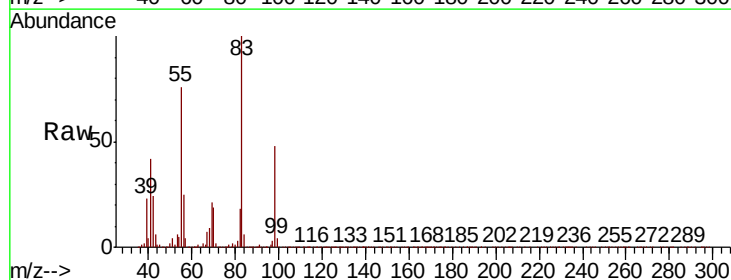
Tgt Ion: 83 Resp: 248597

Ion Ratio Lower Upper

83 100

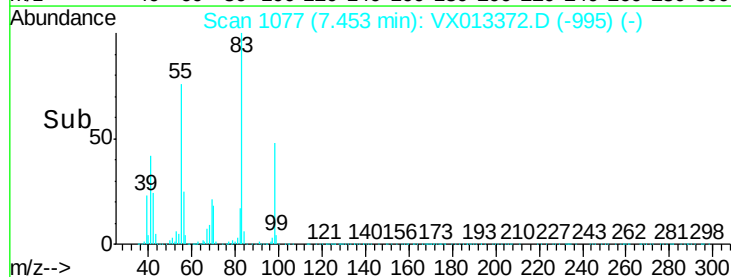
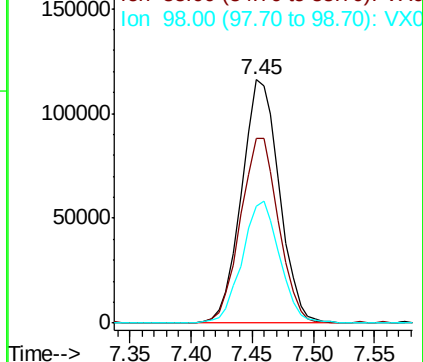
55 76.6 37.9 113.7

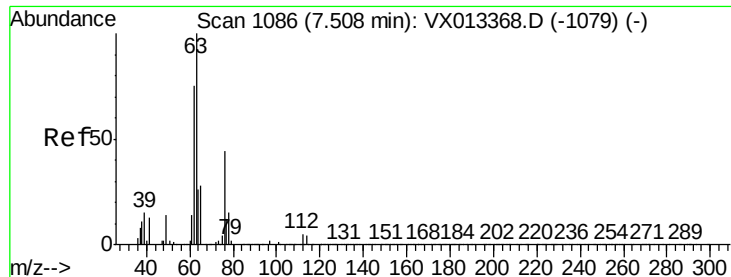
98 49.6 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





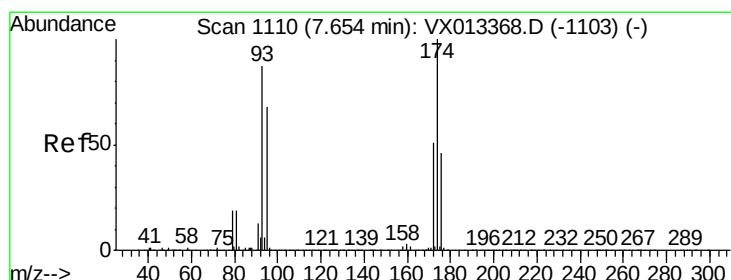
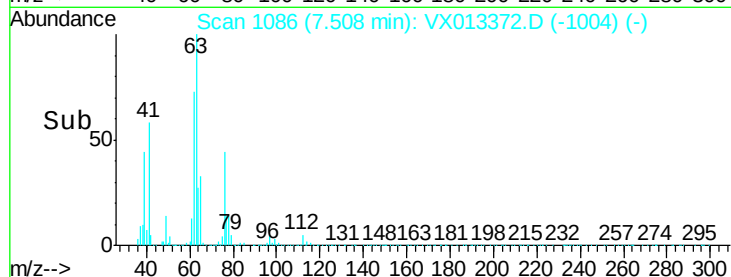
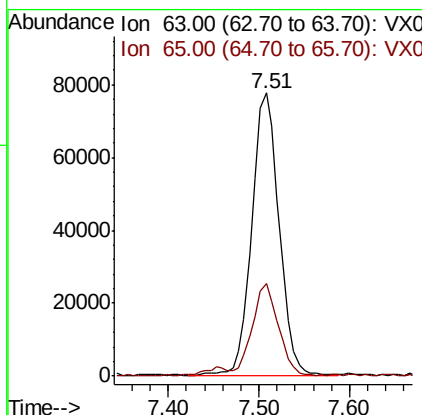
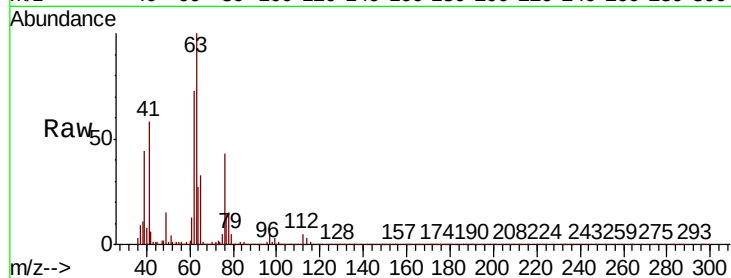
#39
 1,2-Dichloropropane
 Concen: 19.757 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	23.8	35.8

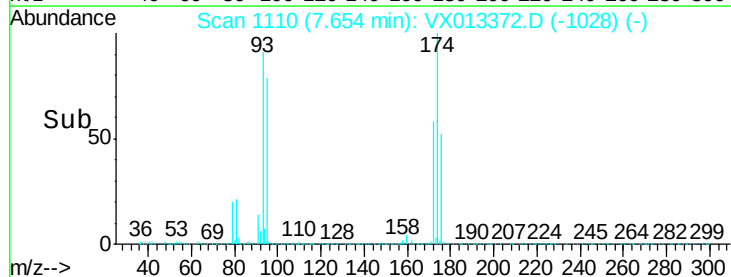
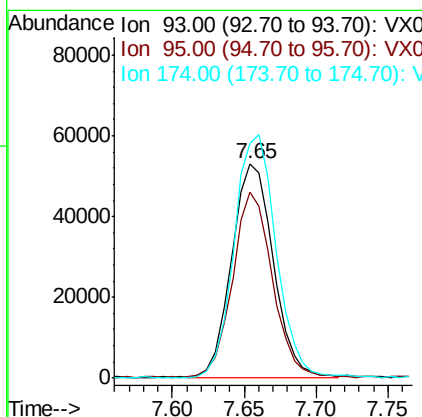
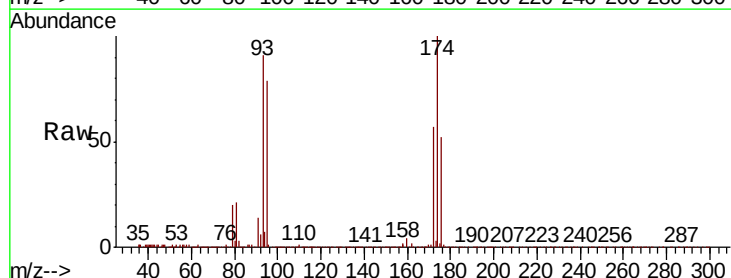
Manual Integrations
 APPROVED

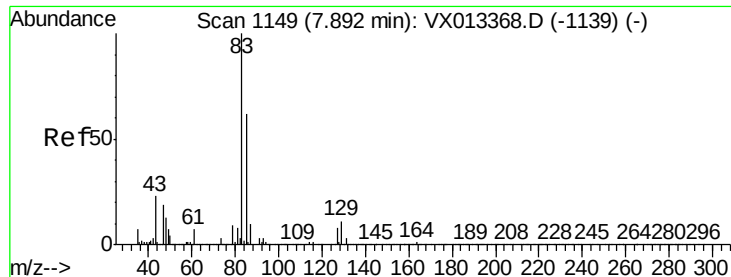
MMDadoda
 11/12/2019 11:49:54 AM



#40
 Dibromomethane
 Concen: 19.312 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	0.0	160.8
174	114.0	0.0	228.8





#41

Bromodichloromethane

Concen: 19.117 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

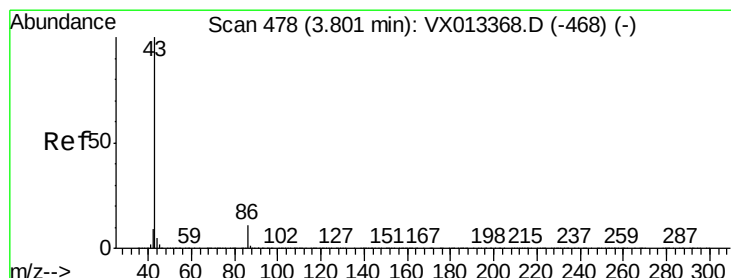
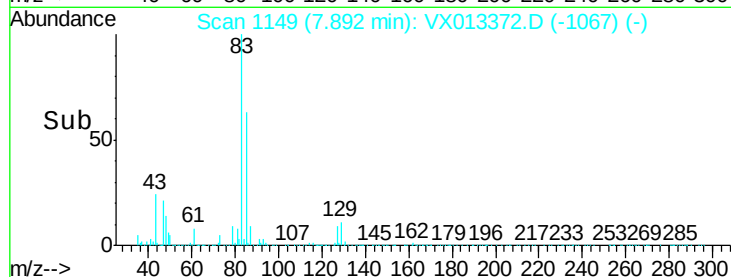
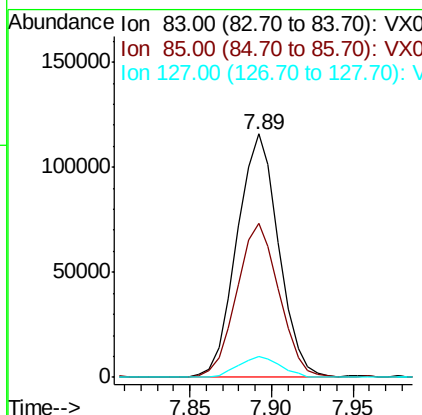
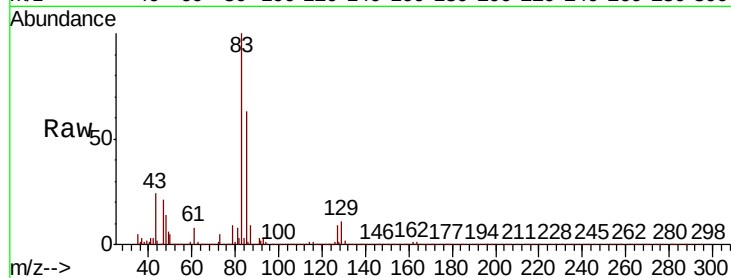
ClientSampleId :

ICVVX111119

Tot Ion	83	Resp	205838
Ion Ratio	Lower	Upper	
83	100		
85	63.0	49.3	73.9
127	8.4	6.6	10.0

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#42

Vinyl Acetate

Concen: 97.529 ug/l

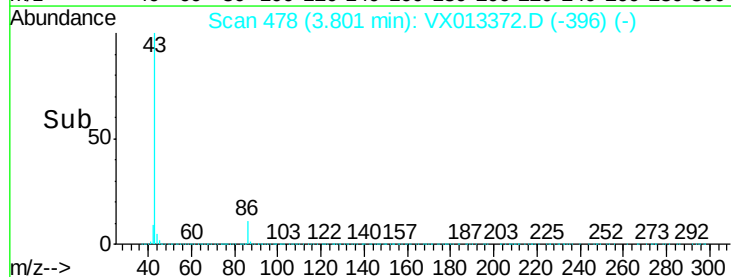
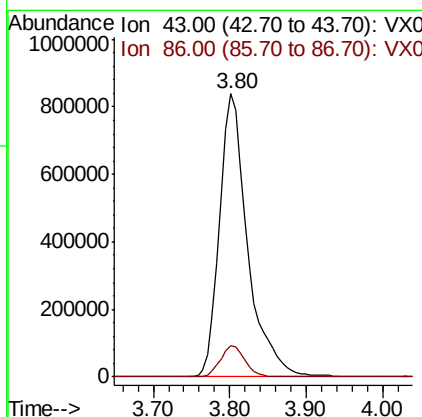
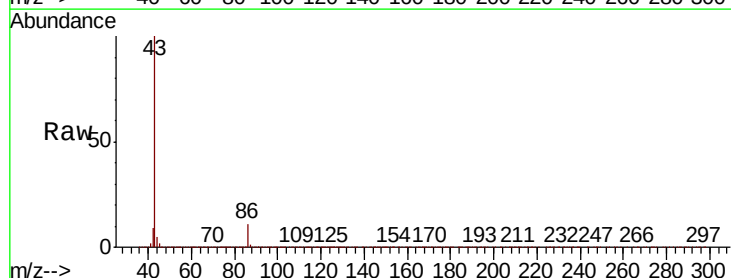
RT: 3.80 min Scan# 478

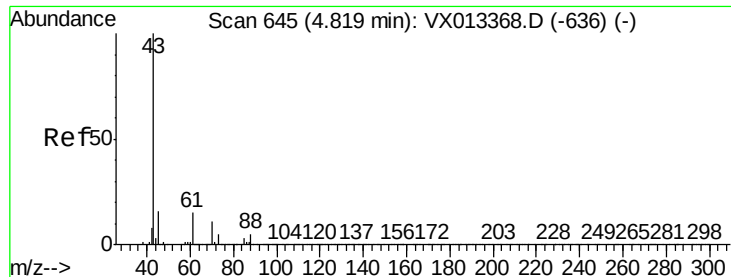
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion	43	Resp	2141742
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.6	11.4





#43

Ethyl Acetate

Concen: 19.682 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013372.D

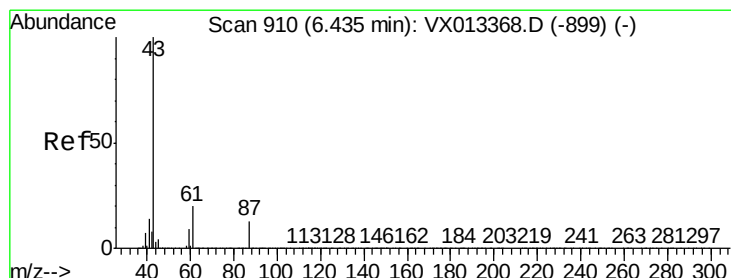
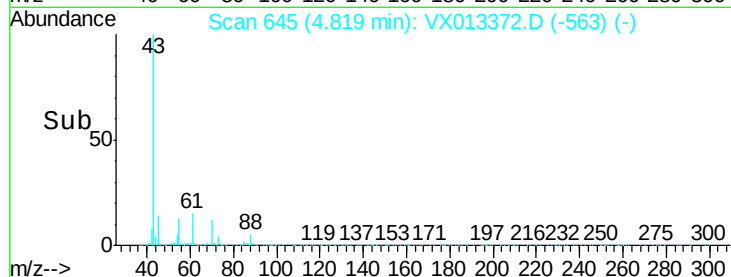
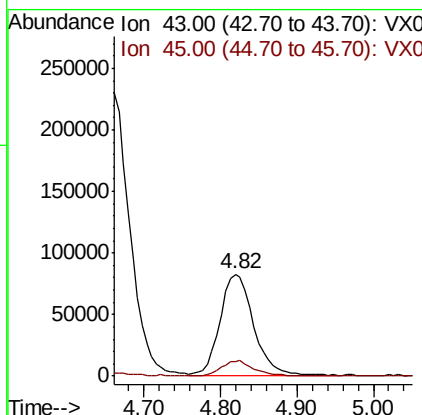
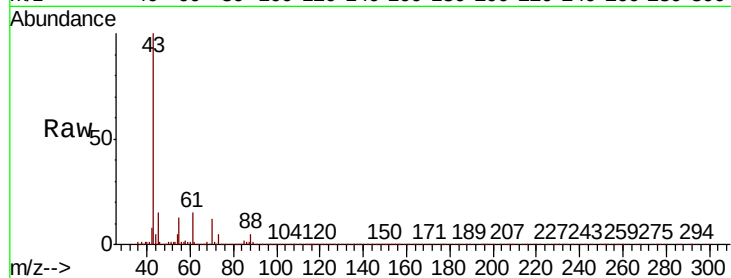
Acq: 11 Nov 2019 18:26

Tot Ion:	43	Resp:	250381
Ion Ratio	Lower	Upper	
43	100		
45	14.1	10.9	16.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#44

Isopropyl Acetate

Concen: 18.944 ug/l

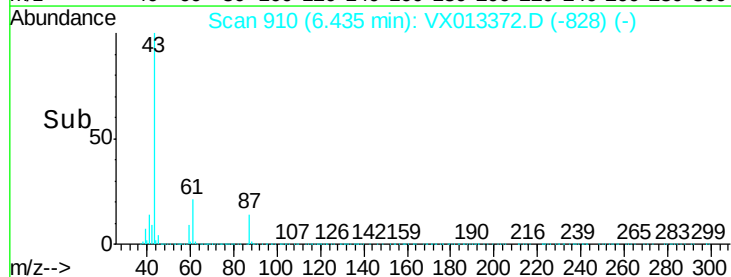
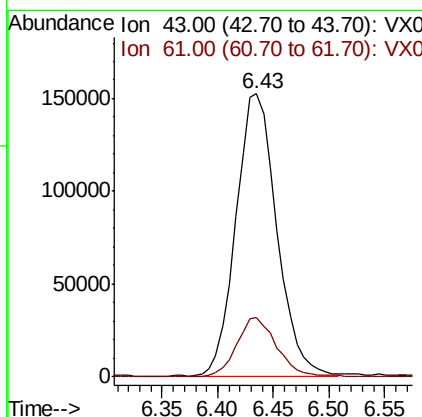
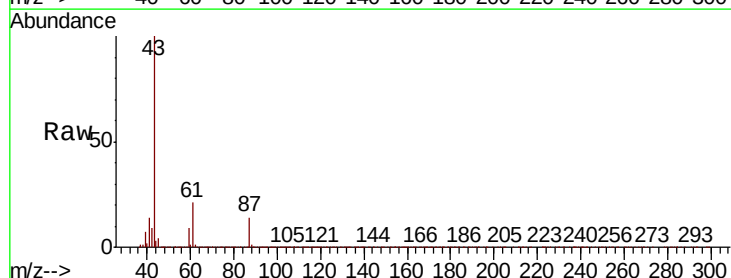
RT: 6.43 min Scan# 910

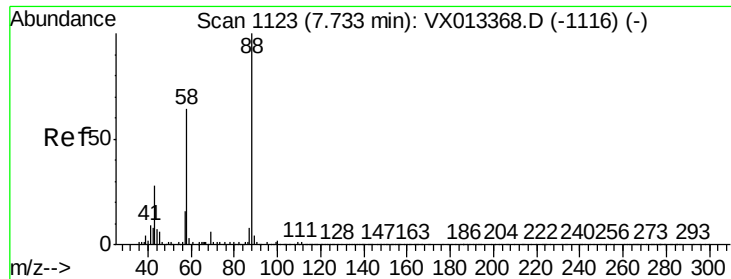
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	43	Resp:	387397
Ion Ratio	Lower	Upper	
43	100		
61	19.9	15.8	23.8





#45

1,4-Dioxane

Concen: 374.182 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

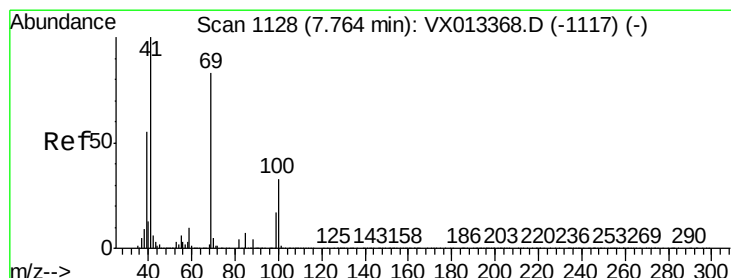
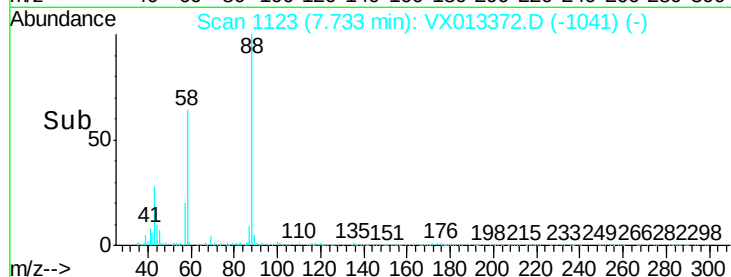
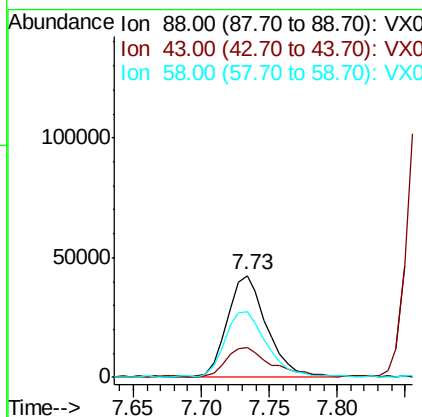
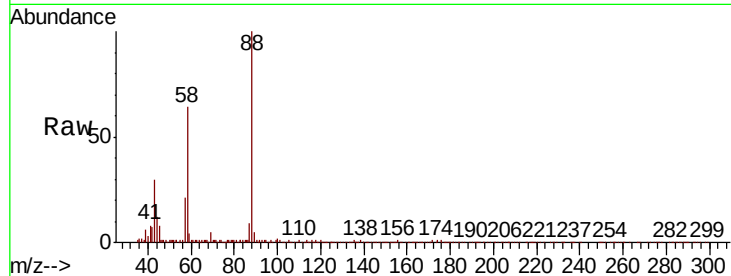
ClientSampleId :

ICVVX111119

Tot Ion:	88	Resp:	84479
Ion	Ratio	Lower	Upper
88	100		
43	35.7	26.1	39.1
58	67.6	55.8	83.8

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#46

Methyl methacrylate

Concen: 18.839 ug/l

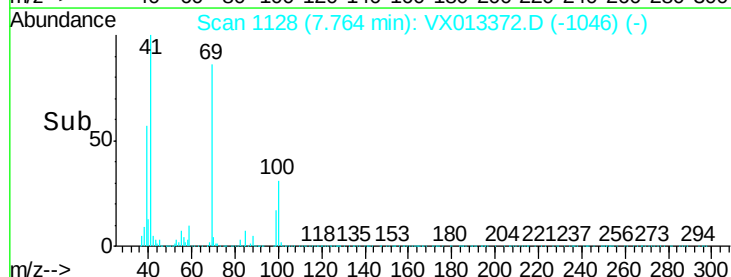
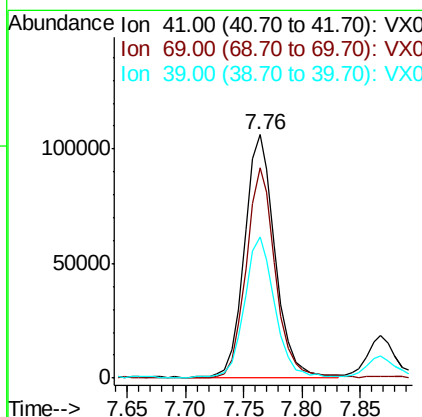
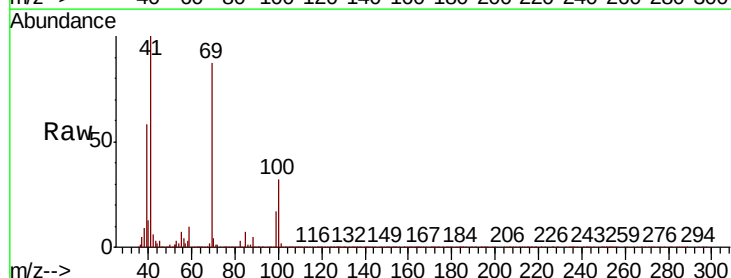
RT: 7.76 min Scan# 1128

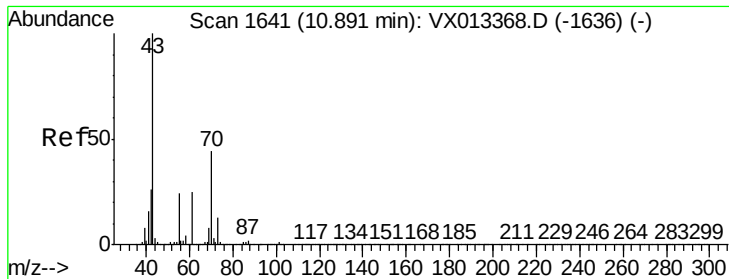
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	41	Resp:	191631
Ion	Ratio	Lower	Upper
41	100		
69	86.6	41.4	124.4
39	57.6	27.9	83.6





#47

n-amvl Acetate

Concen: 18.910 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111119

Tot Ion: 43 Resp: 339193

Ion Ratio Lower Upper

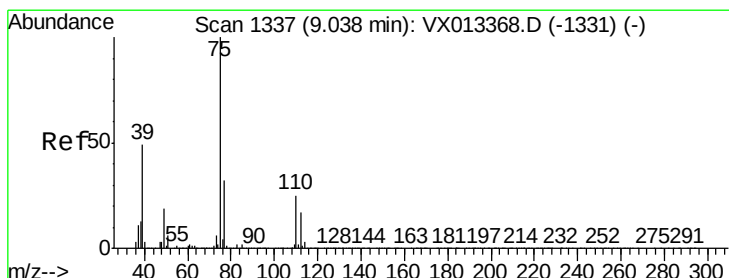
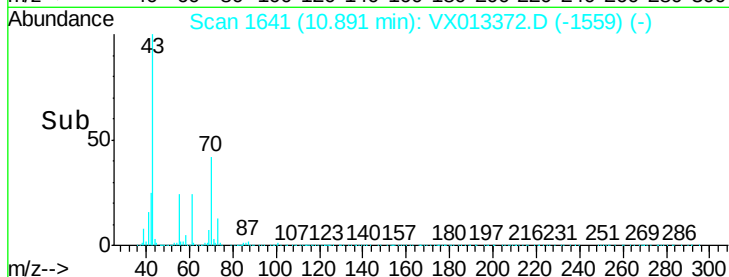
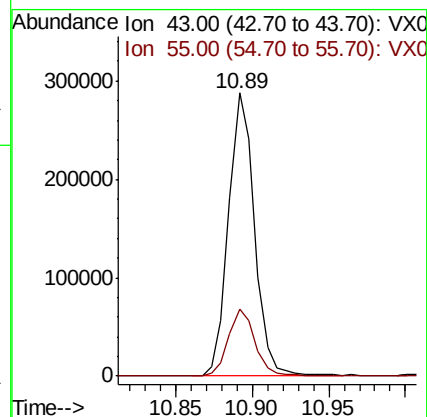
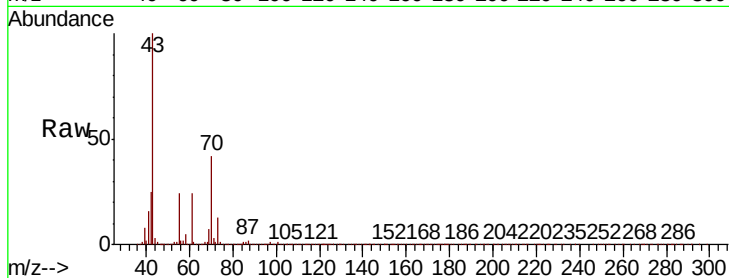
43 100

55 24.0 19.0 28.4

Manual Integrations
APPROVED

MMDadoda

11/12/2019 11:49:54 AM



#48

t-1,3-Dichloropropene

Concen: 19.233 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013372.D

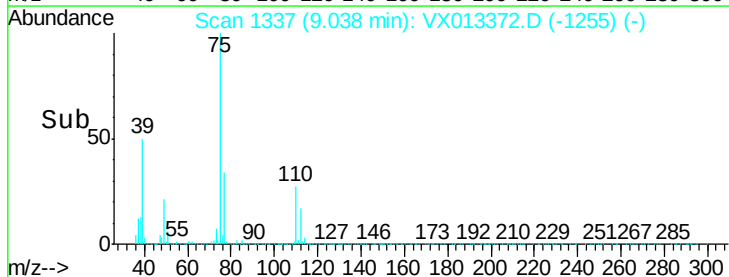
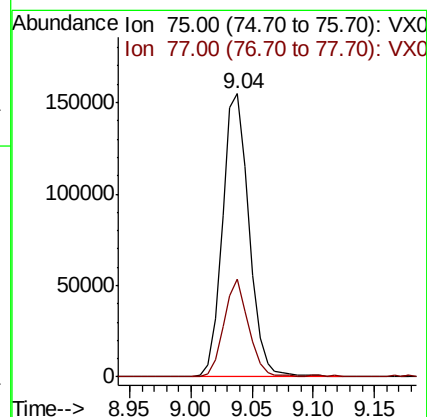
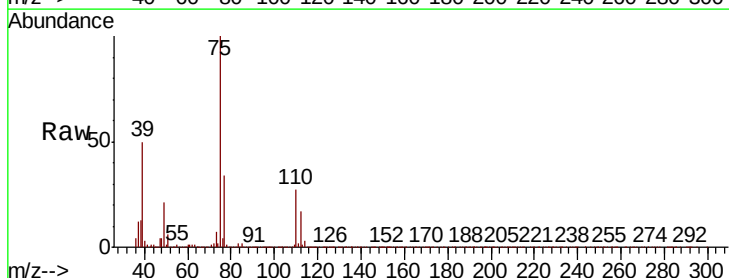
Acq: 11 Nov 2019 18:26

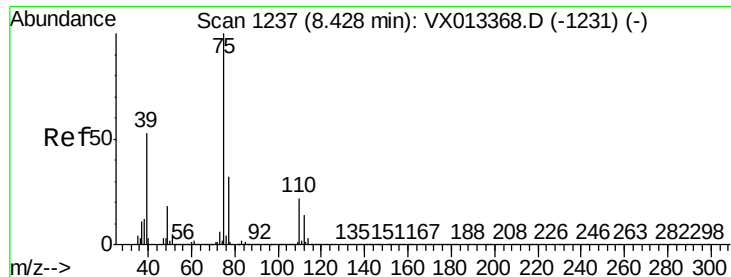
Tgt Ion: 75 Resp: 232212

Ion Ratio Lower Upper

75 100

77 34.1 25.3 37.9





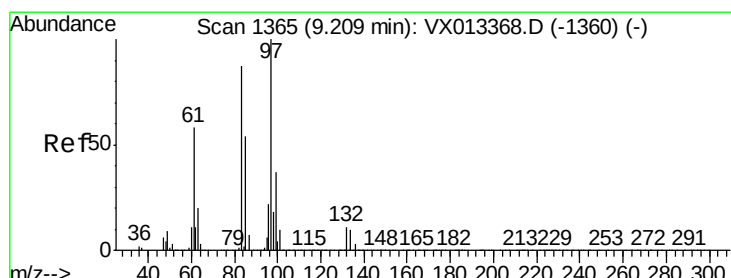
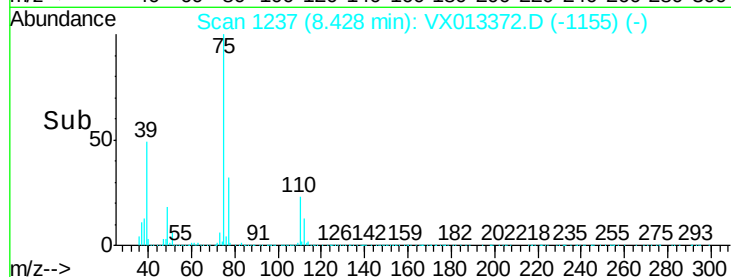
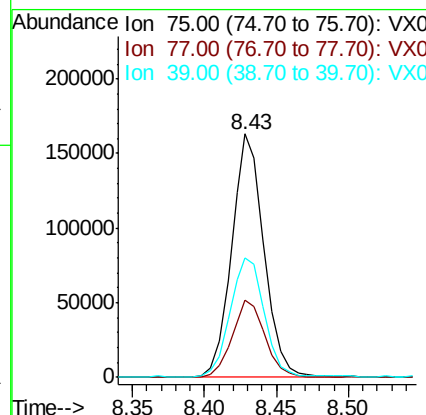
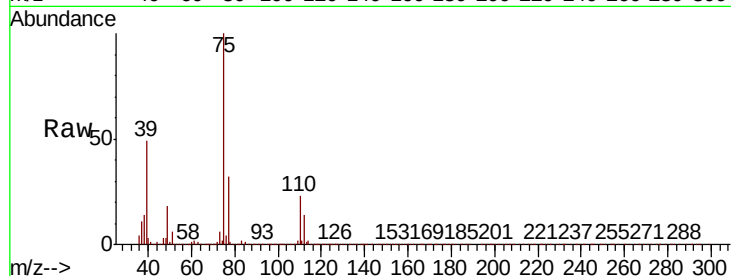
#49
 cis-1,3-Dichloropropene
 Concen: 19.206 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Tot Ion	Ratio	Resp Lower	Upper
75	100		
77	31.6	25.8	38.8
39	48.7	42.2	63.4

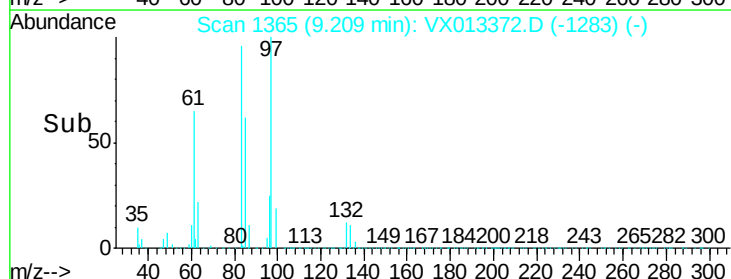
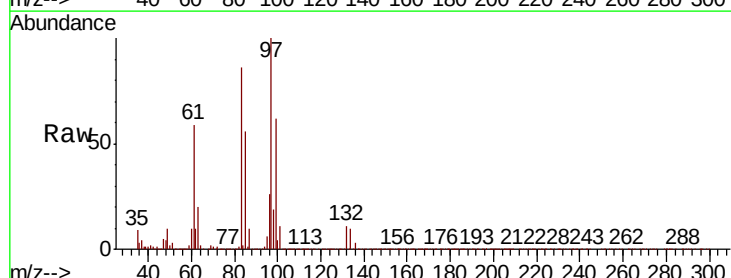
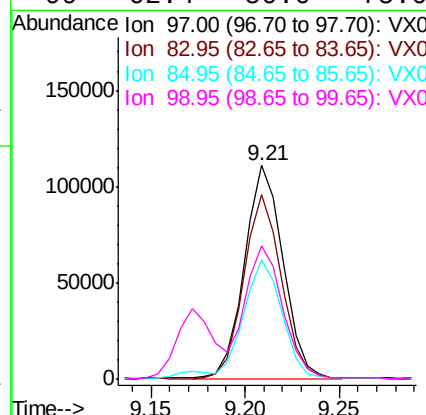
Manual Integrations
 APPROVED

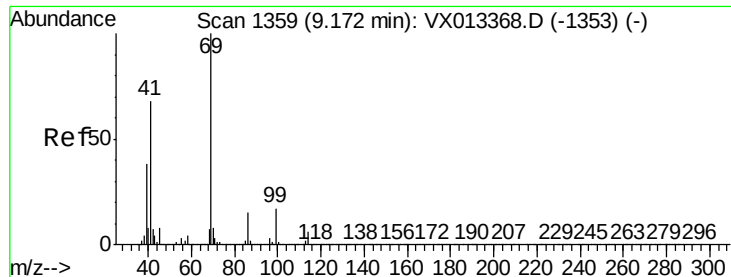
MMDadoda
 11/12/2019 11:49:54 AM



#50
 1,1,2-Trichloroethane
 Concen: 19.299 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Resp Lower	Upper
97	100		
83	86.6	69.6	104.4
85	56.0	45.5	68.3
99	62.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.906 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

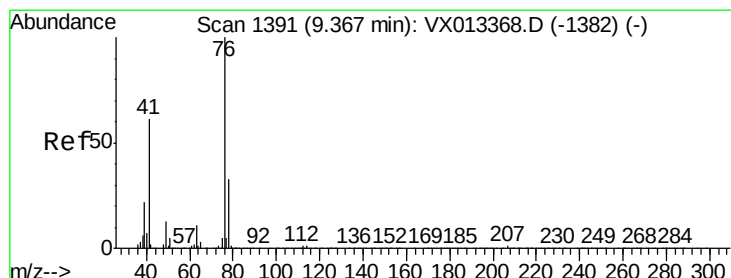
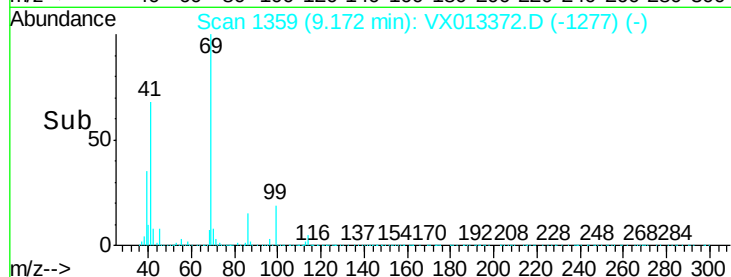
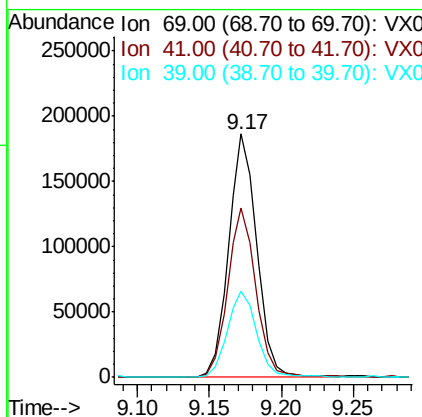
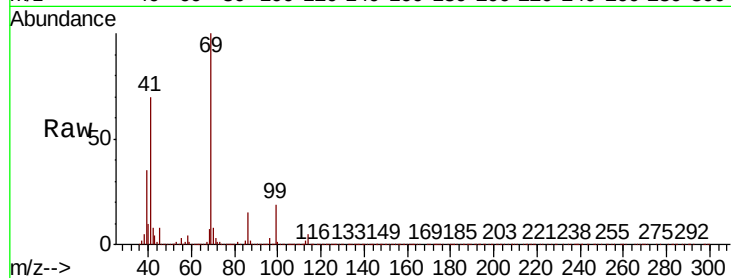
ClientSampleId :

ICVVX111119

Tot Ion:	69	Resp:	254065
Ion Ratio	Lower	Upper	
69	100		
41	69.3	33.9	101.6
39	35.2	18.8	56.4

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#52

1,3-Dichloropropane

Concen: 19.417 ug/l

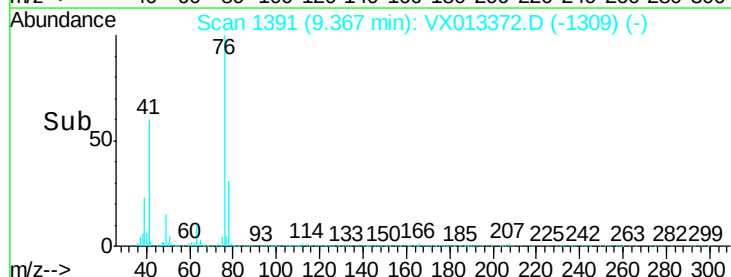
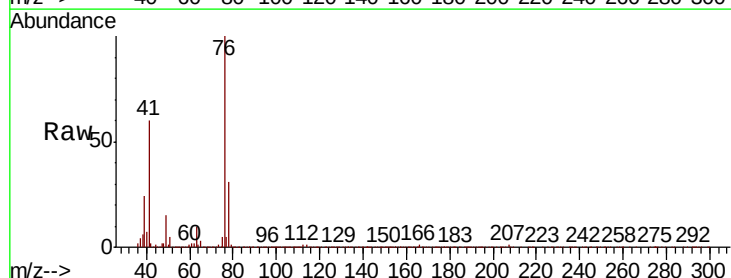
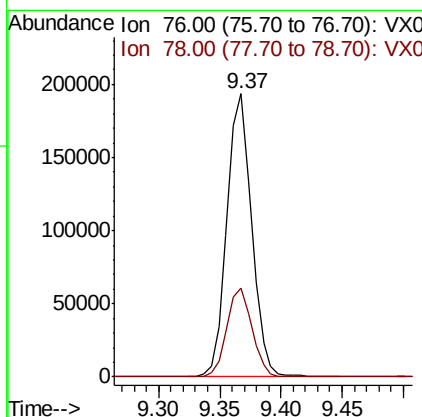
RT: 9.37 min Scan# 1391

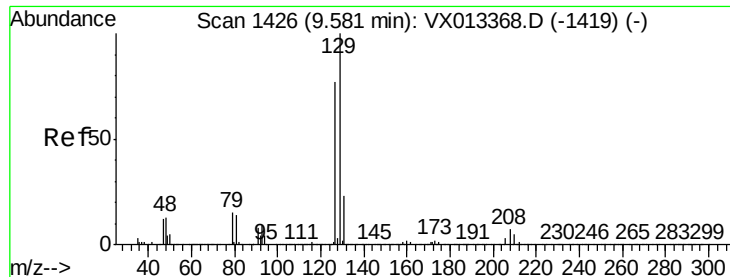
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	76	Resp:	270917
Ion Ratio	Lower	Upper	
76	100		
78	31.5	0.0	63.6





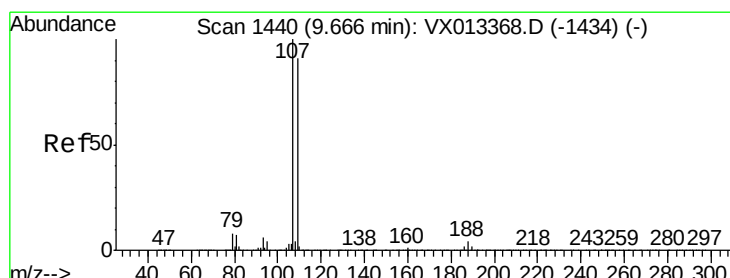
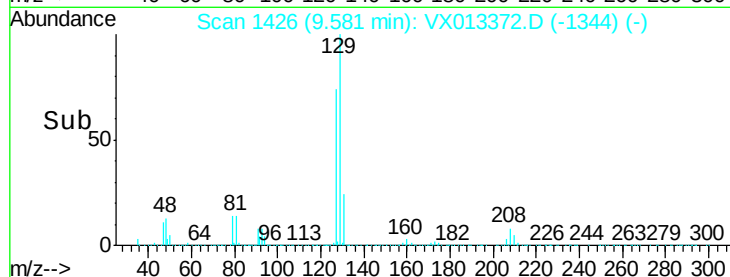
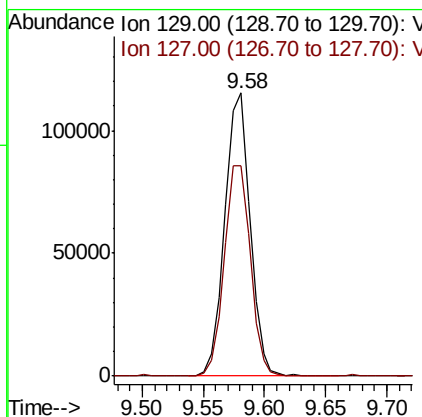
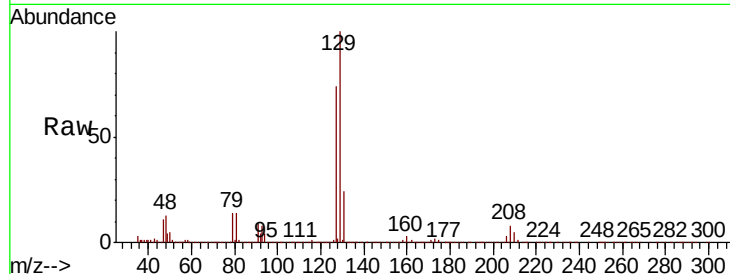
#53
Dibromochloromethane
Concen: 19.121 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.7	39.6	119.0

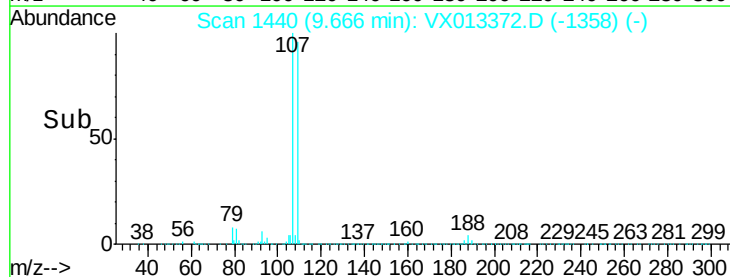
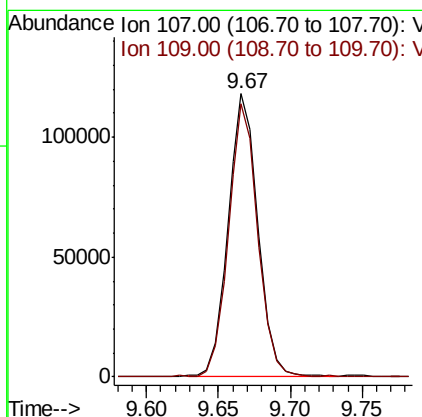
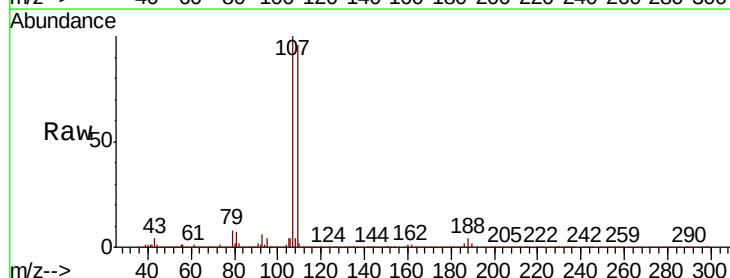
Manual Integrations
APPROVED

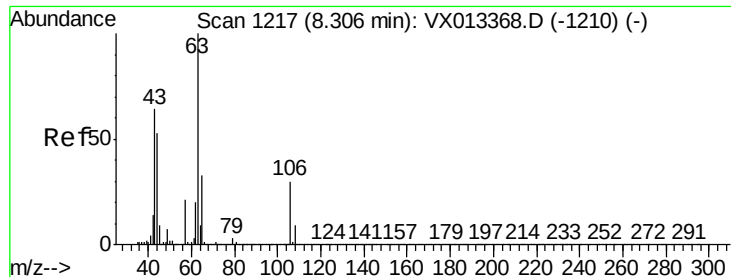
MMDadoda
11/12/2019 11:49:54 AM



#54
1,2-Dibromoethane
Concen: 19.443 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.2	73.9	110.9





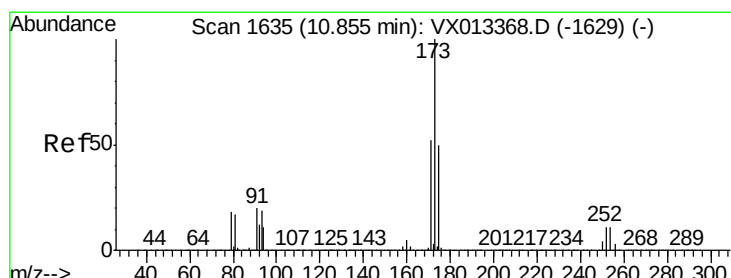
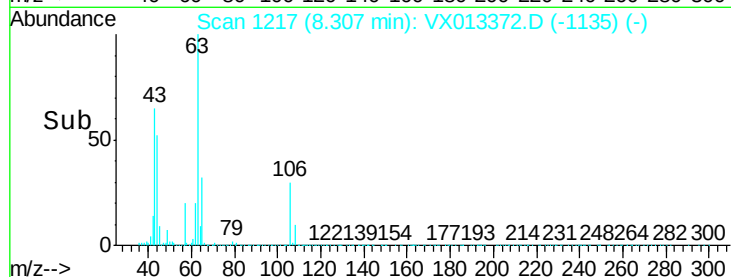
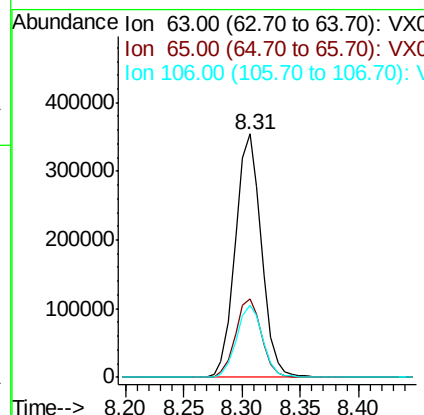
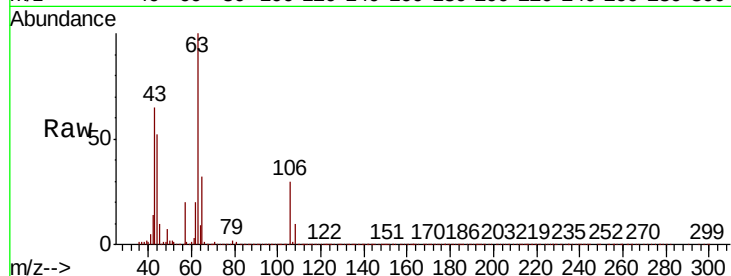
#55
2-Chloroethyl vinyl ether
Concen: 96.454 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.0	39.0
106	29.5	23.5	35.3

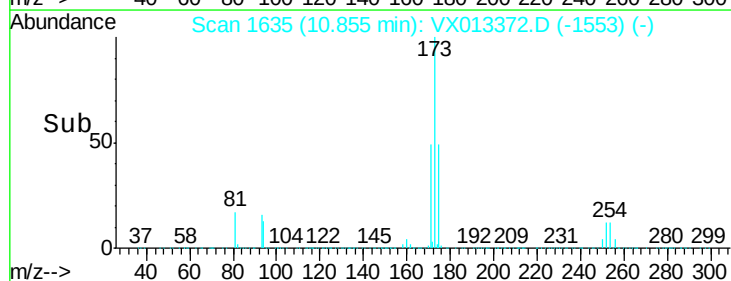
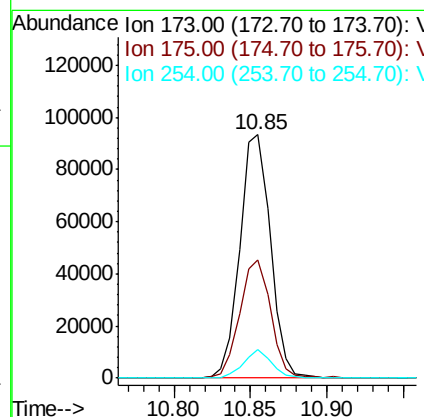
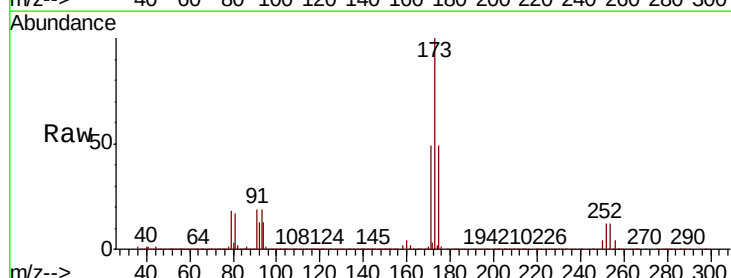
Manual Integrations
APPROVED

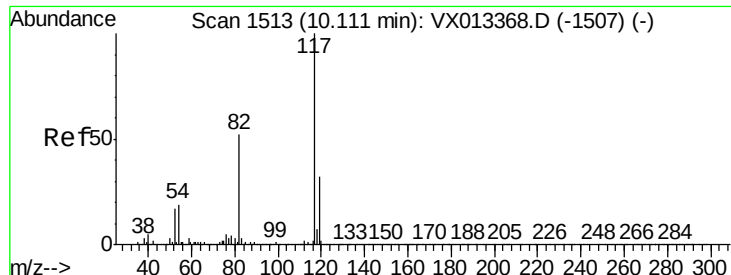
MMDadoda
11/12/2019 11:49:54 AM



#56
Bromoform
Concen: 18.841 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.4	59.0
254	10.9	8.6	12.8





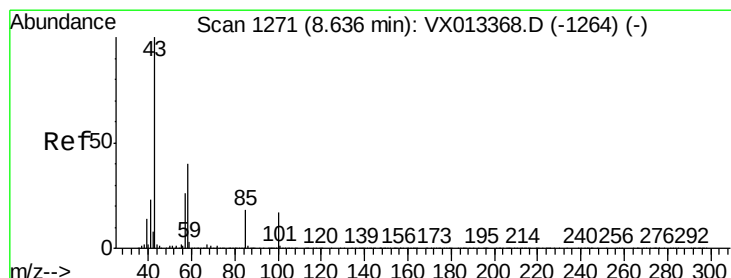
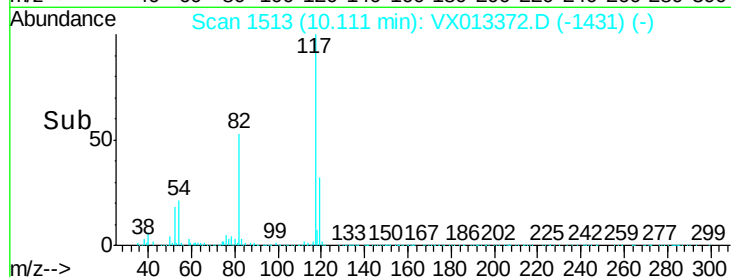
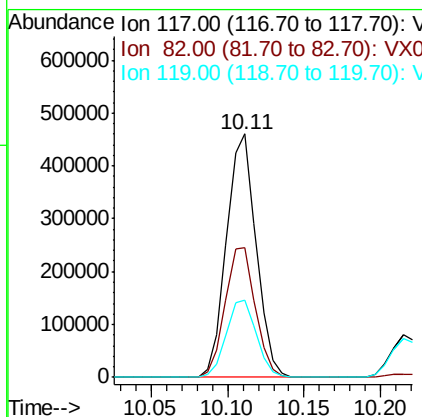
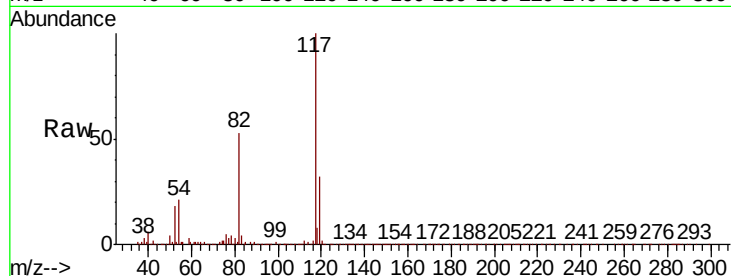
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.7	65.5
119	32.2	25.5	38.3

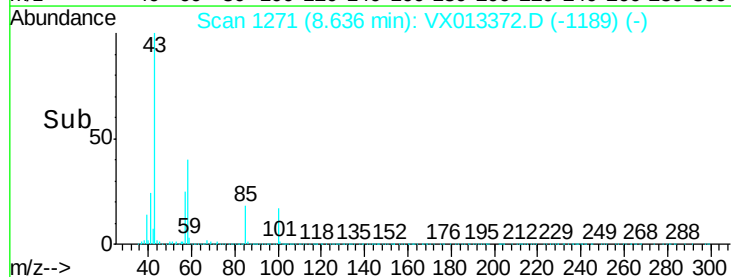
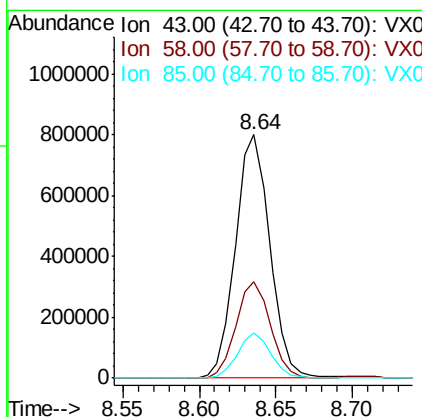
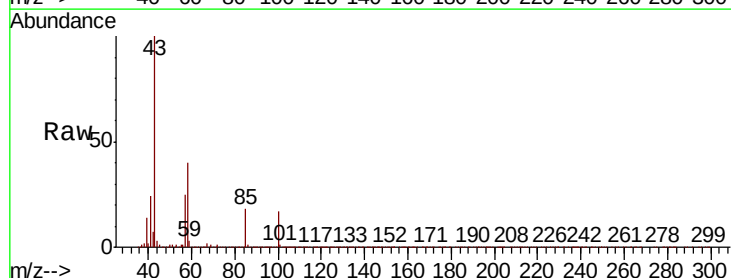
Manual Integrations
APPROVED

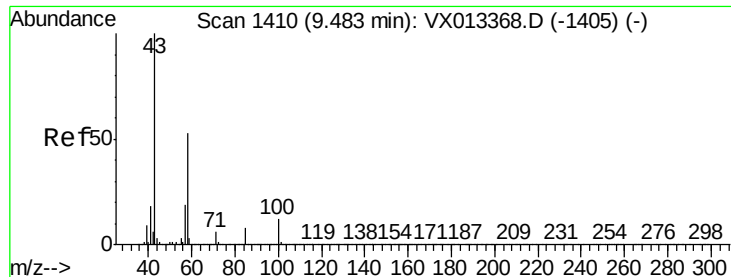
MMDadoda
11/12/2019 11:49:54 AM



#58
4-Methyl-2-Pentanone
Concen: 96.598 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.8	31.6	47.4
85	18.1	14.2	21.2





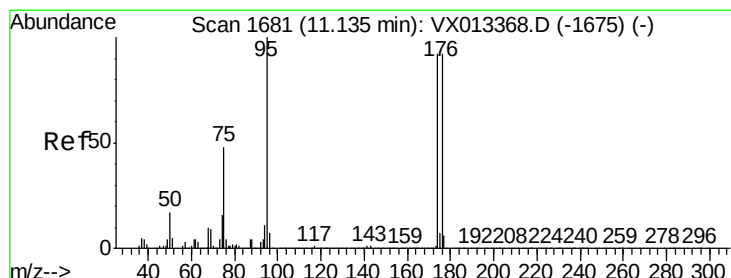
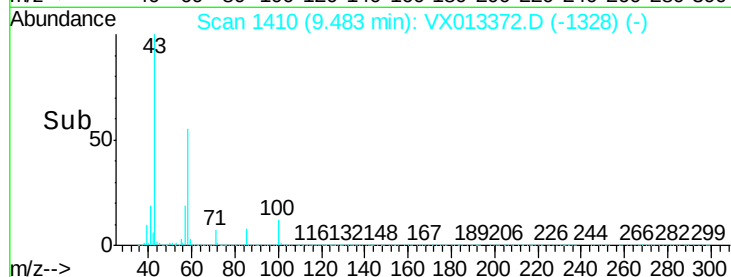
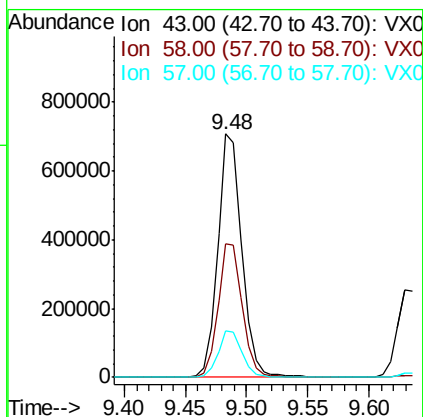
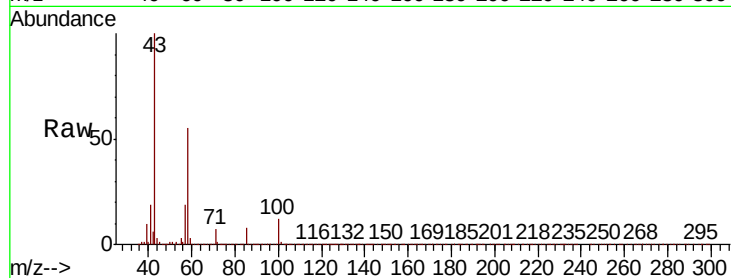
#59
2-Hexanone
Concen: 94.575 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.2	43.8	65.6
57	18.9	15.1	22.7

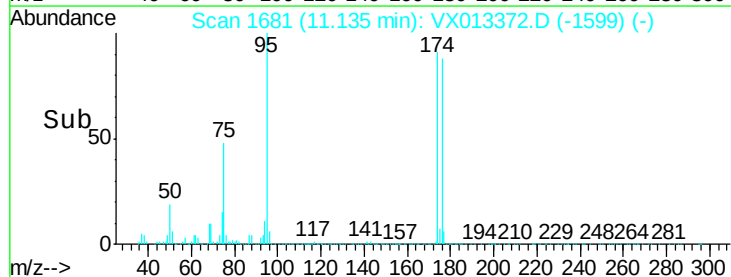
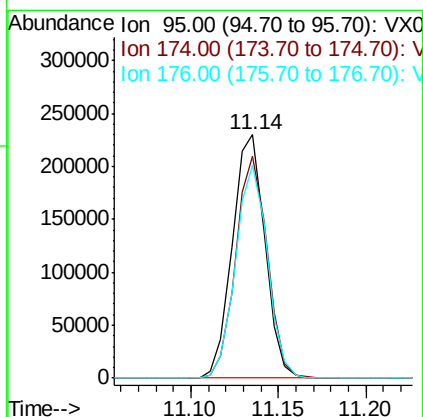
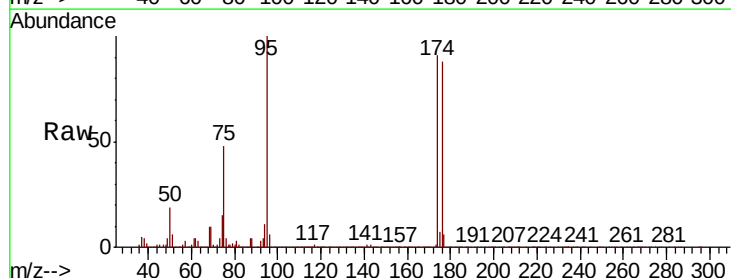
Manual Integrations
APPROVED

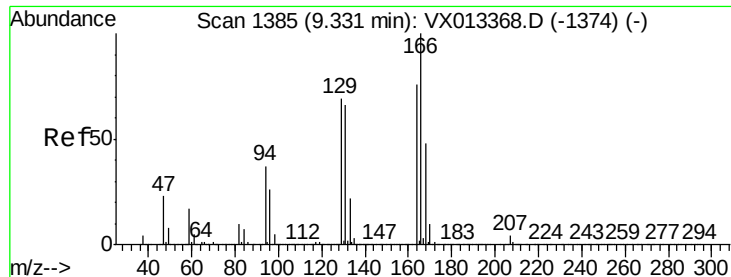
MMDadoda
11/12/2019 11:49:54 AM



#60
4-Bromofluorobenzene
Concen: 29.917 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.0	70.2	105.2
176	86.0	68.3	102.5





#61

Tetrachloroethene

Concen: 19.440 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

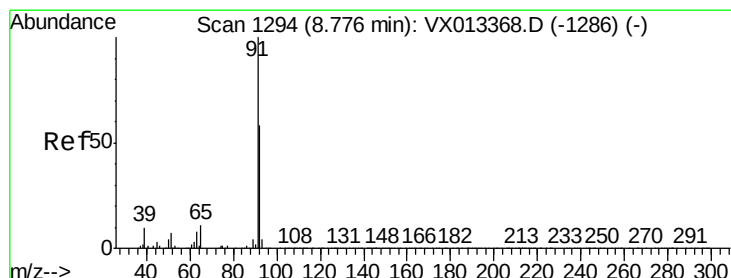
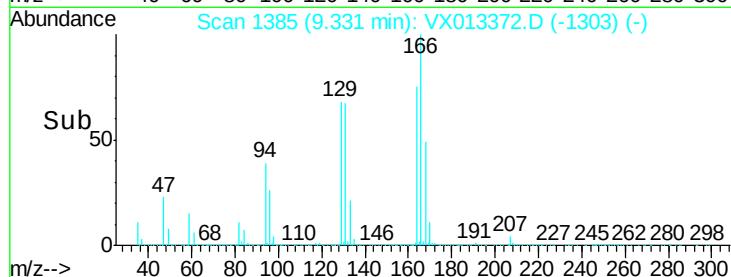
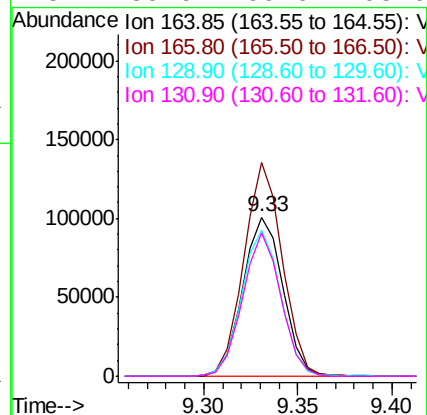
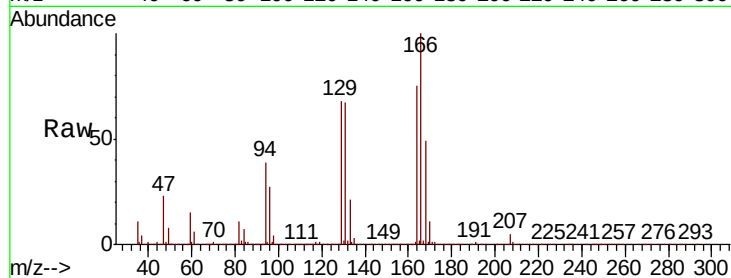
ClientSampleId :

ICVVX111119

Tot Ion	Ratio	Lower	Upper
164	100		
166	134.1	104.9	157.3
129	91.4	72.3	108.5
131	89.5	69.0	103.6

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#62

Toluene

Concen: 19.489 ug/l

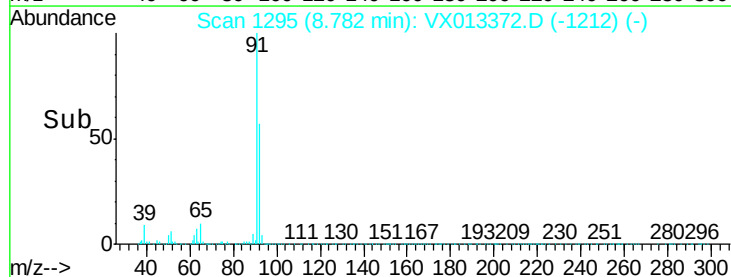
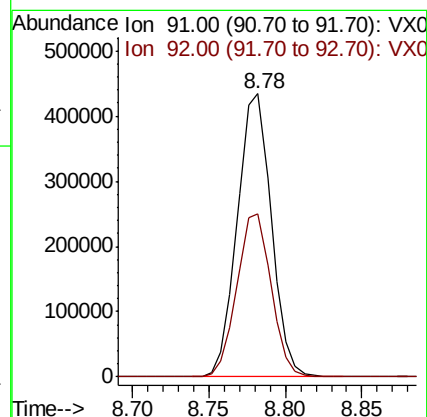
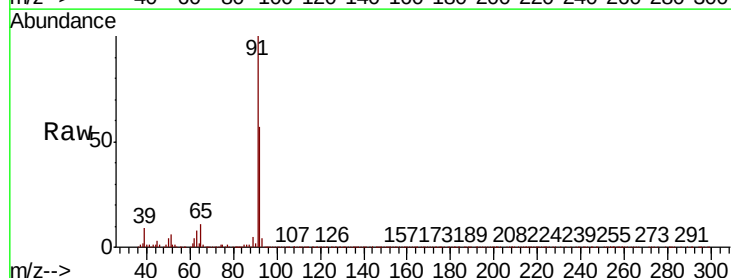
RT: 8.78 min Scan# 1295

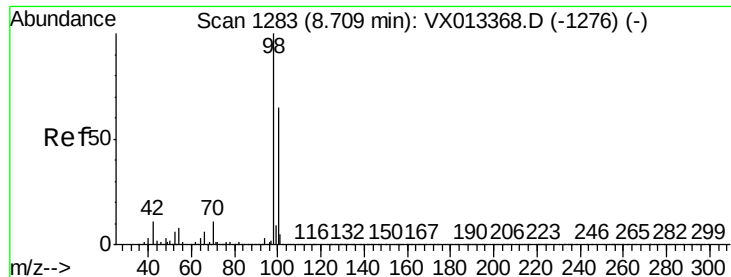
Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.9	46.6	69.8





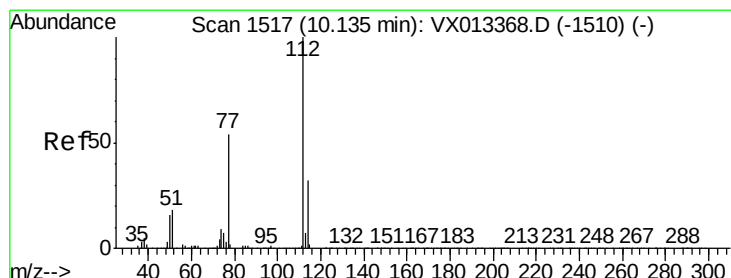
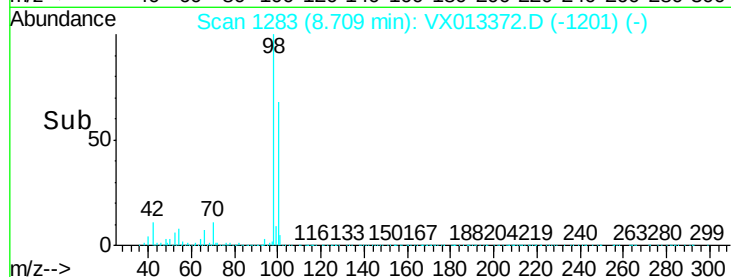
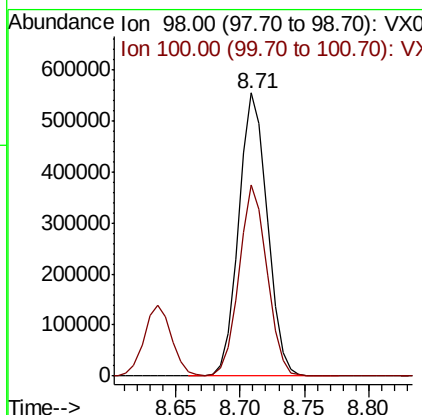
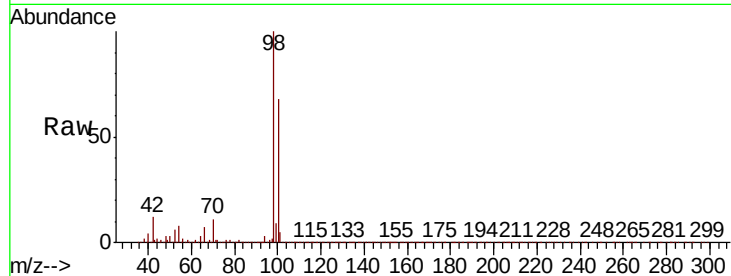
#63
Toluene-d8
Concen: 30.376 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.5	78.7

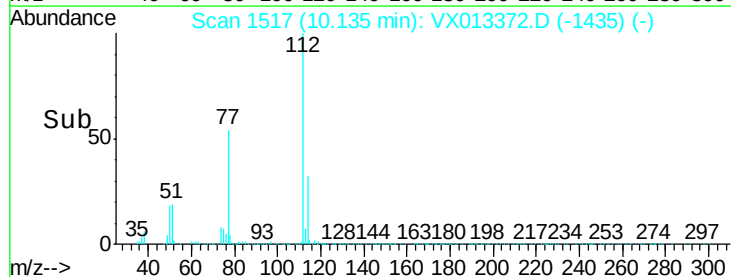
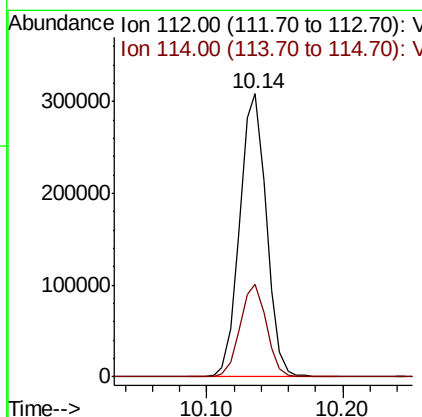
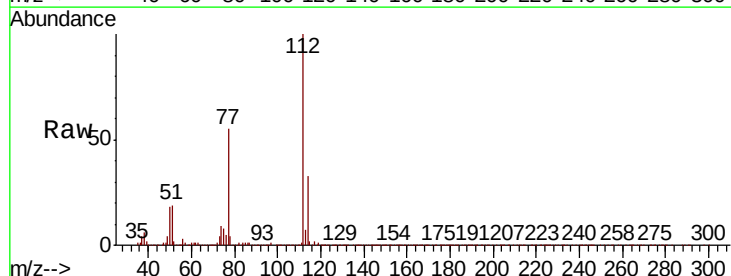
Manual Integrations
APPROVED

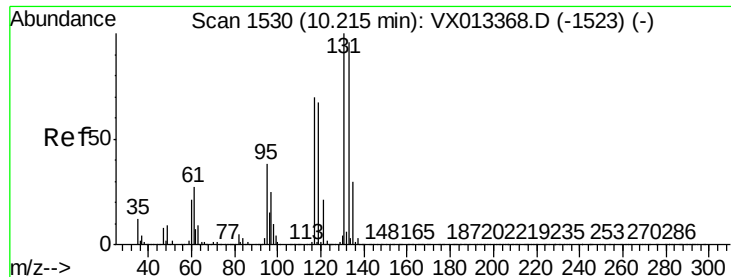
MMDadoda
11/12/2019 11:49:54 AM



#64
Chlorobenzene
Concen: 19.515 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 19.186 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

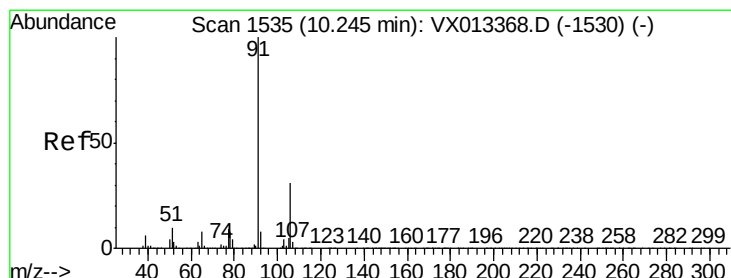
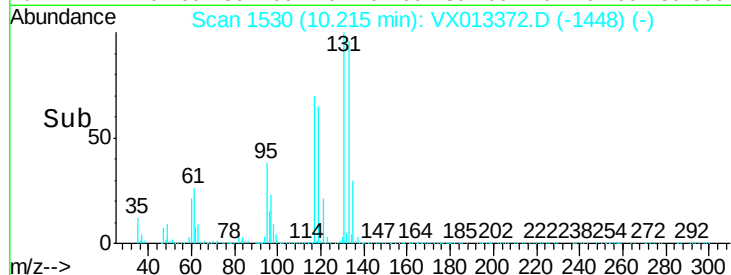
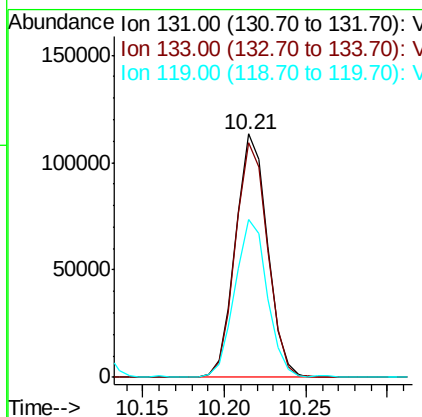
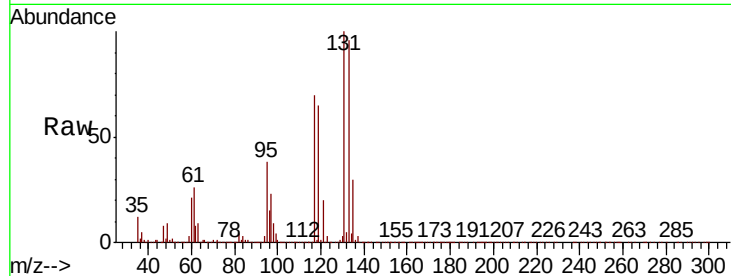
ClientSampleId :

ICVVX111119

Tot Ion:	131	Resp:	154908
Ion Ratio	Lower	Upper	
131	100		
133	96.4	0.0	192.2
119	65.3	0.0	134.4

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#66

Ethyl Benzene

Concen: 19.548 ug/l

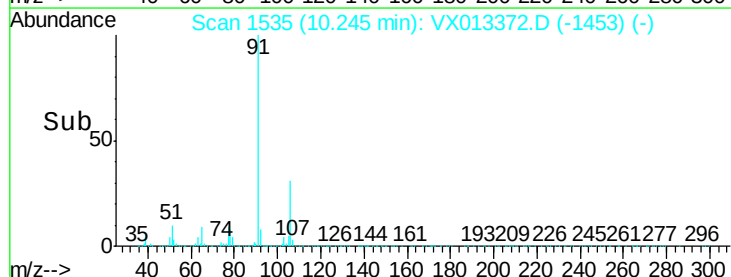
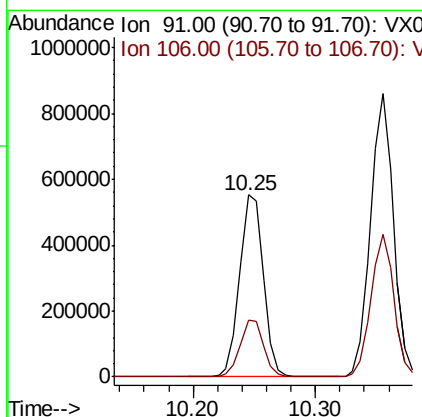
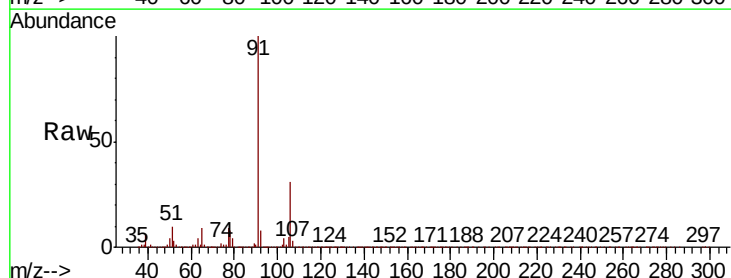
RT: 10.25 min Scan# 1535

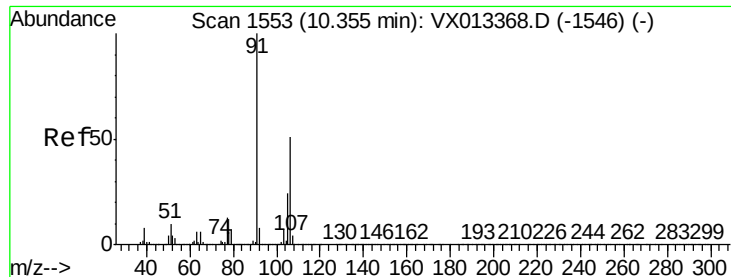
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	91	Resp:	740843
Ion Ratio	Lower	Upper	
91	100		
106	31.0	25.0	37.4





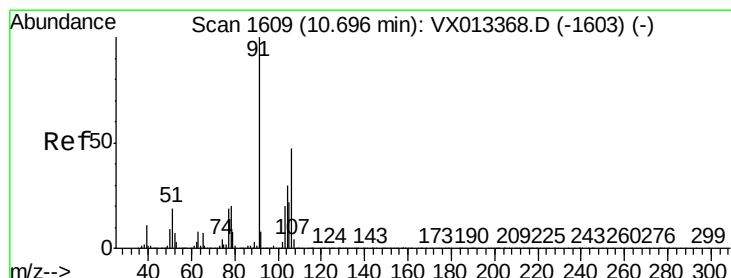
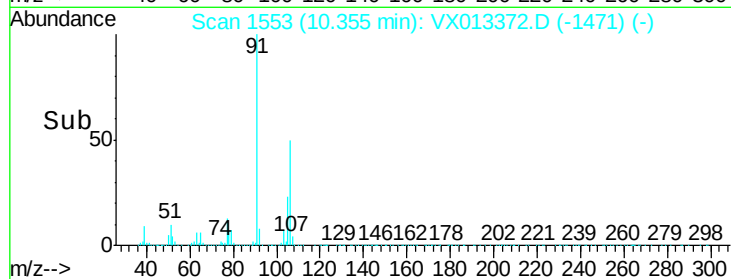
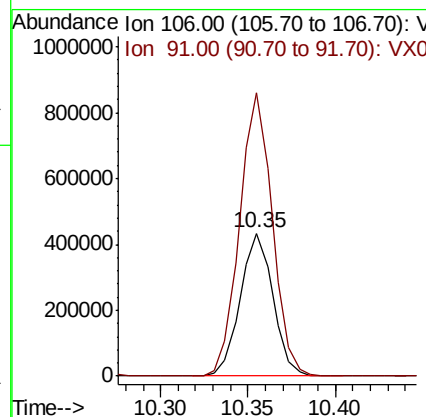
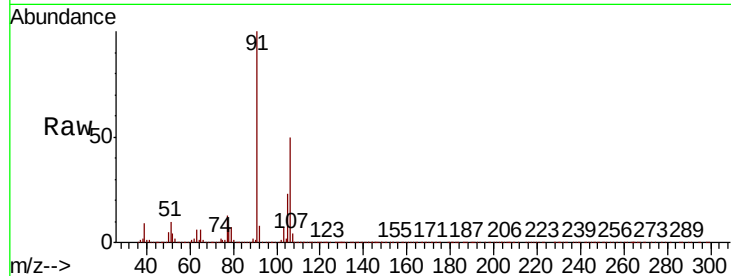
#67
m/p-Xylenes
Concen: 38.786 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.8	158.4	237.6

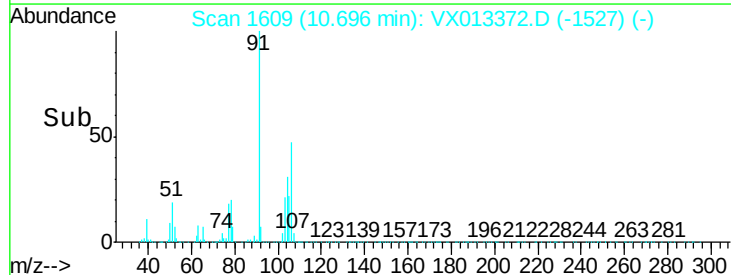
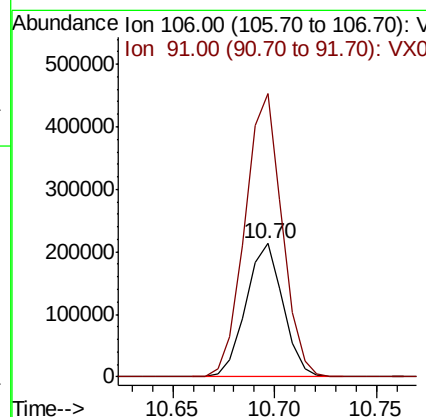
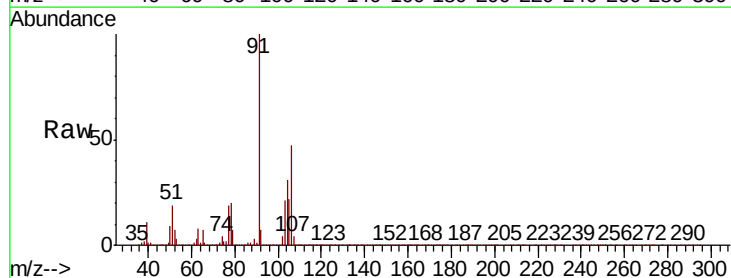
Manual Integrations
APPROVED

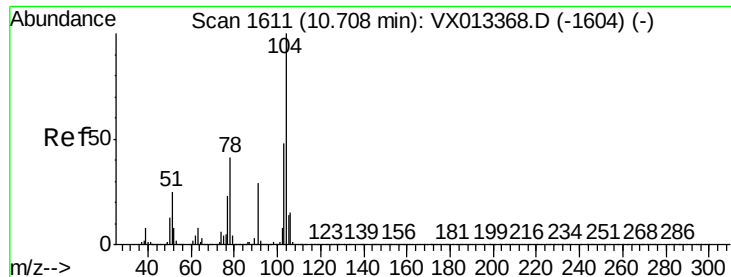
MMDadoda
11/12/2019 11:49:54 AM



#68
o-Xylene
Concen: 18.965 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
106	100		
91	213.3	106.4	319.2





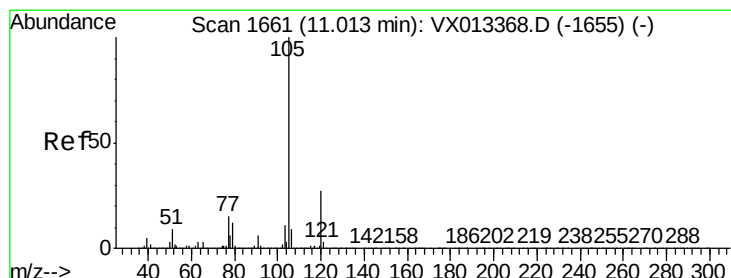
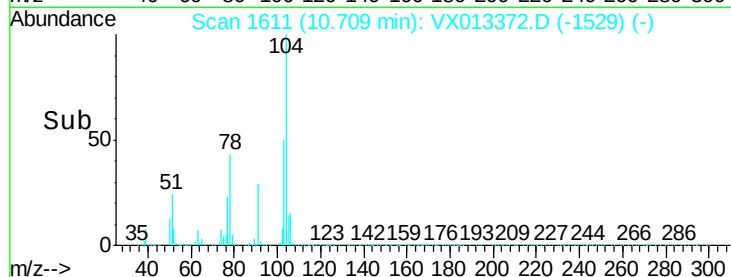
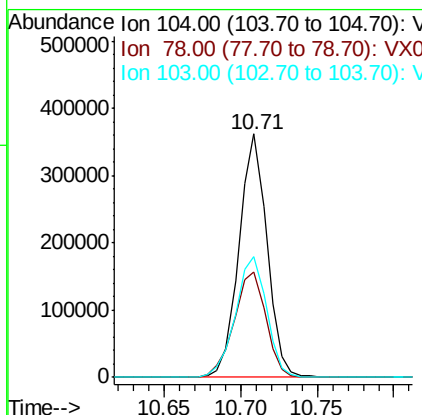
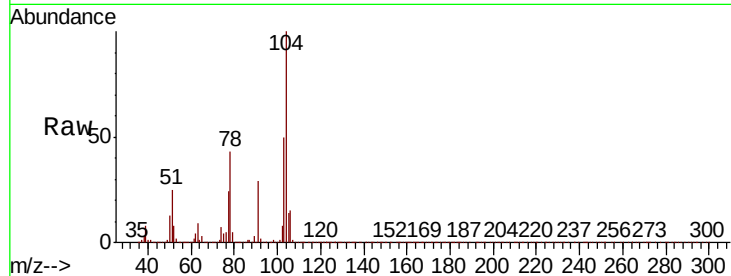
#69
Stvrene
Concen: 19.112 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Resp	Lower	Upper
104	100	460445		
78	49.2		38.2	57.4
103	55.1		43.2	64.8

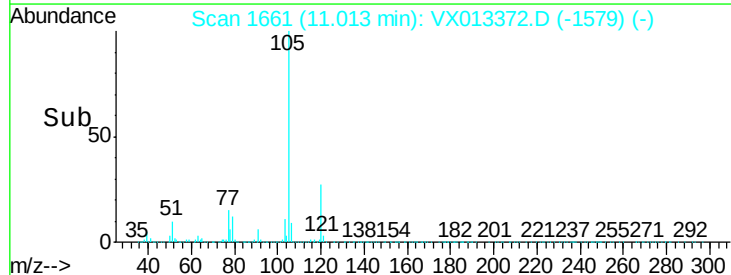
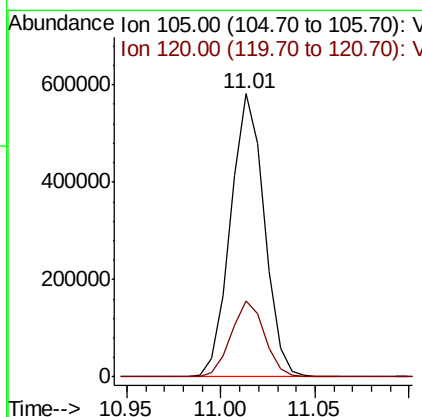
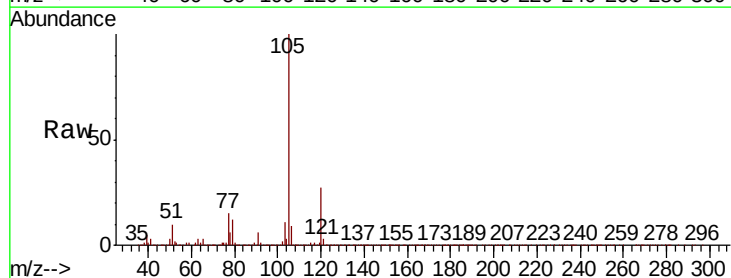
Manual Integrations
APPROVED

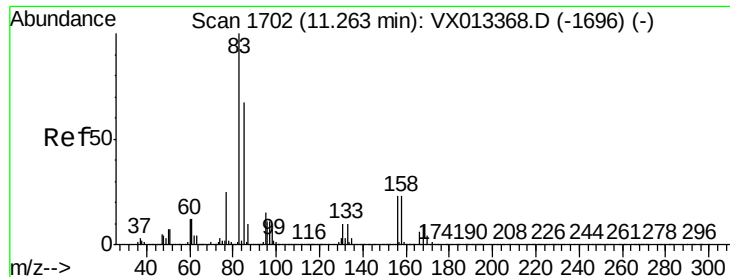
MMDadoda
11/12/2019 11:49:54 AM



#70
Isopropylbenzene
Concen: 19.407 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	721492		
120	26.6		18.8	34.8





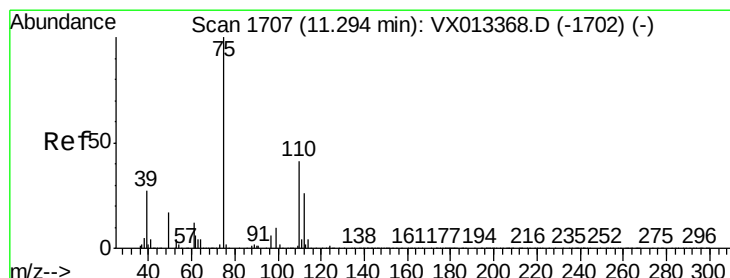
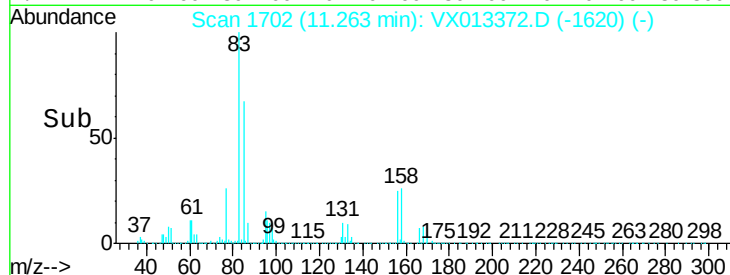
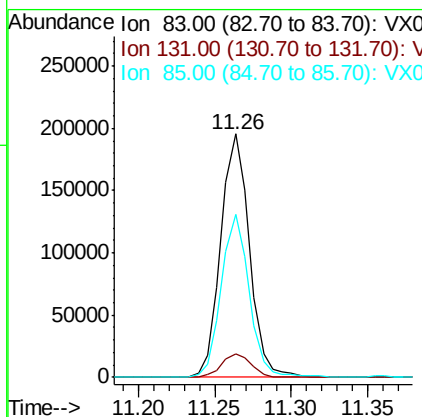
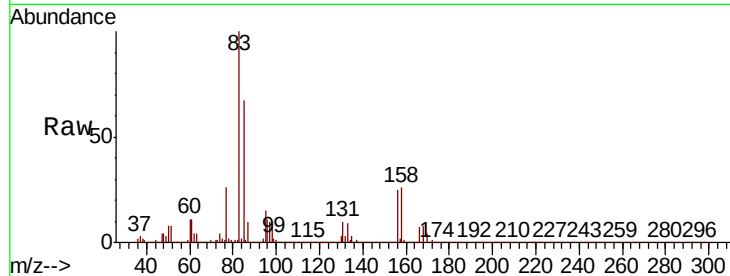
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.144 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.9	4.7	14.1	
85	65.2	32.6	97.7	

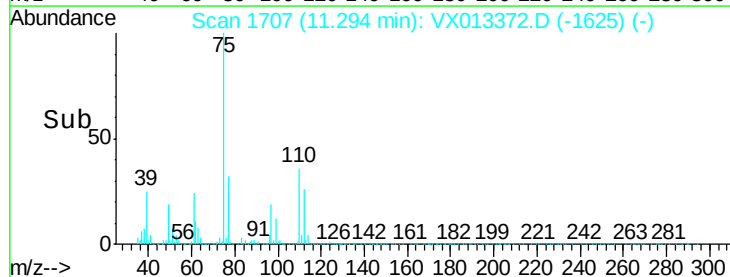
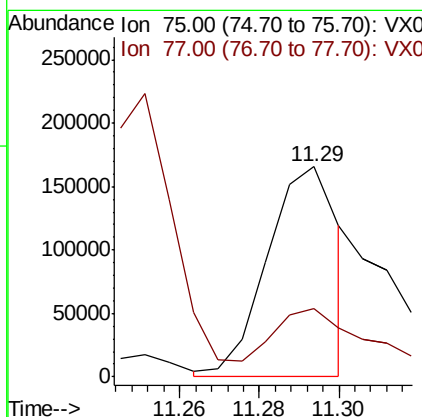
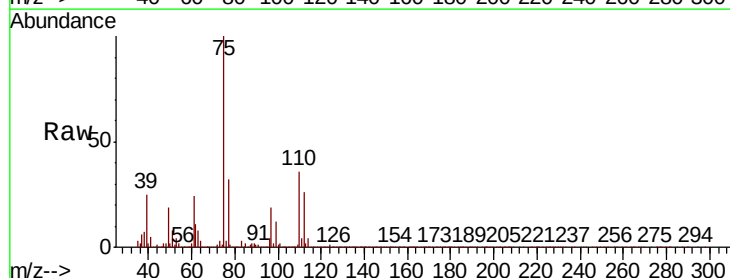
Manual Integrations
 APPROVED

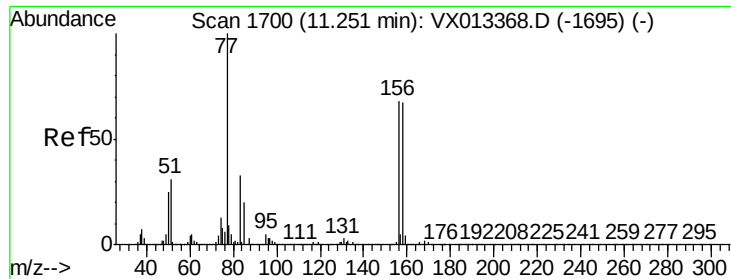
MMDadoda
 11/12/2019 11:49:54 AM



#72
 1,2,3-Trichloropropane
 Concen: 18.296 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	40.7	0.0	86.2	





#73

Bromobenzene

Concen: 19.274 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

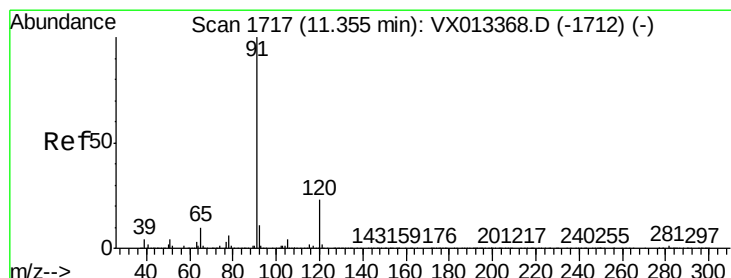
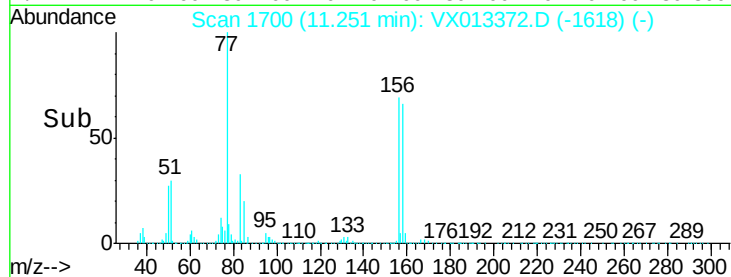
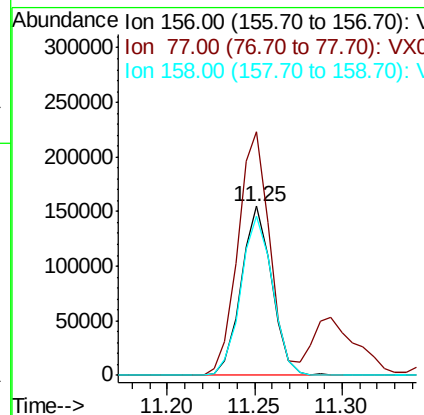
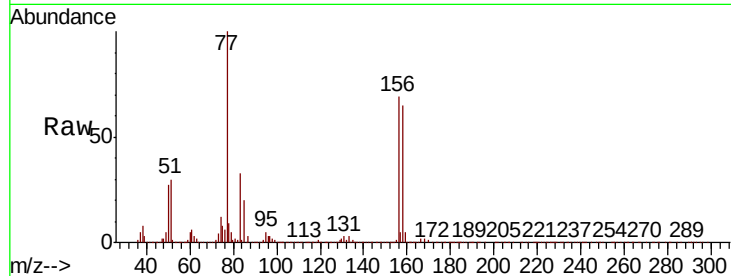
ClientSampleId :

ICVVX111119

Tot Ion:	156	Resp:	188962
Ion Ratio	Lower	Upper	
156	100		
77	149.8	0.0	308.8
158	97.6	0.0	197.0

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#74

n-propylbenzene

Concen: 19.355 ug/l

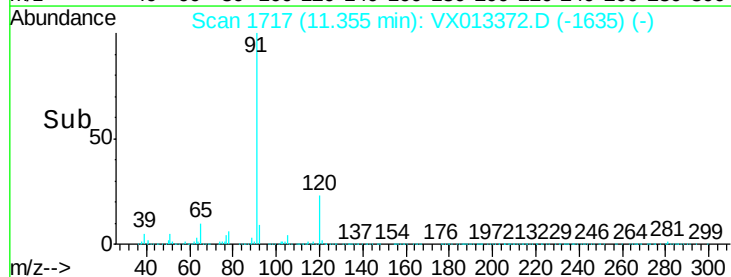
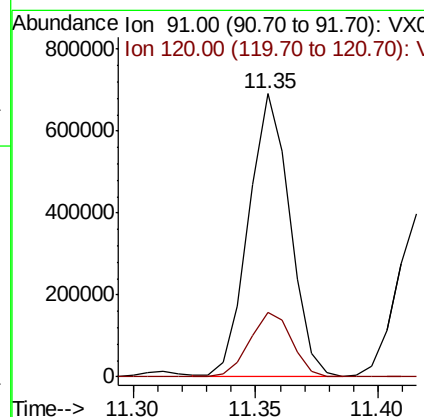
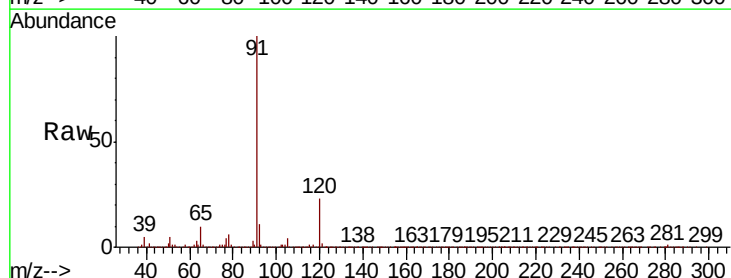
RT: 11.35 min Scan# 1717

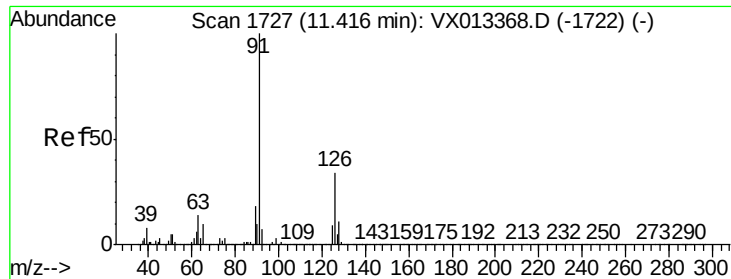
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	91	Resp:	817746
Ion Ratio	Lower	Upper	
91	100		
120	23.0	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.235 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVVX111119

Tot Ion: 91 Resp: 483258

Ion Ratio Lower Upper

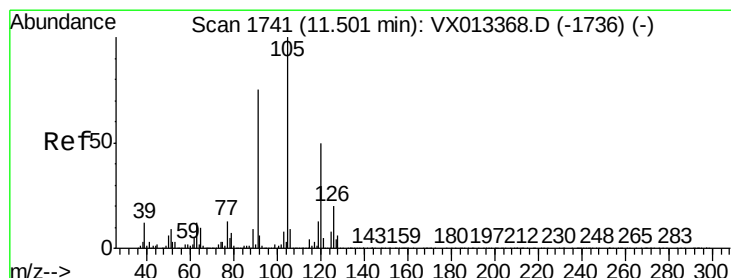
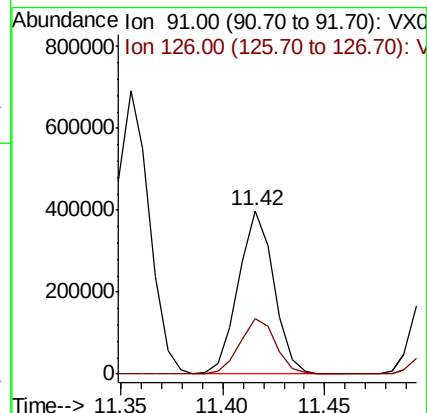
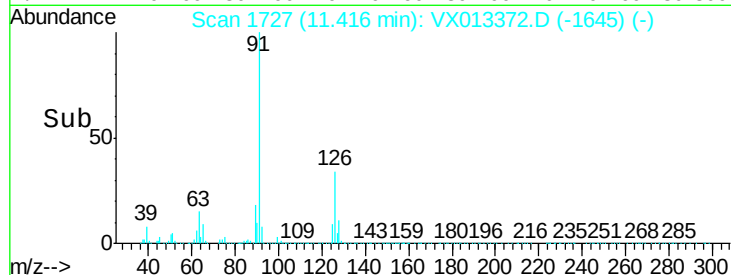
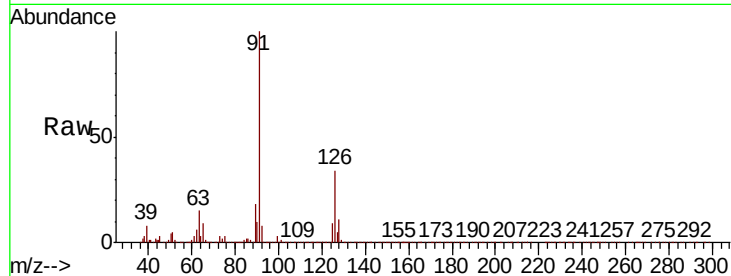
91 100

126 34.4 0.0 69.0

Manual Integrations
APPROVED

MMDadoda

11/12/2019 11:49:54 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.092 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013372.D

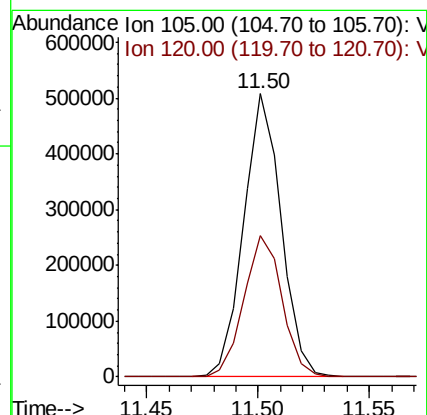
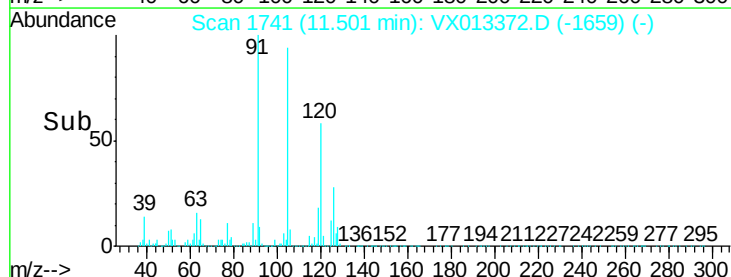
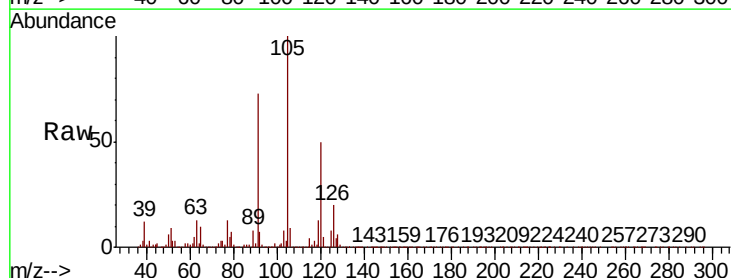
Acq: 11 Nov 2019 18:26

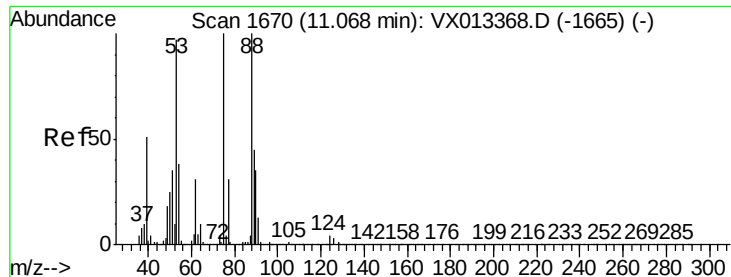
Tgt Ion: 105 Resp: 596607

Ion Ratio Lower Upper

105 100

120 51.0 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 18.416 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

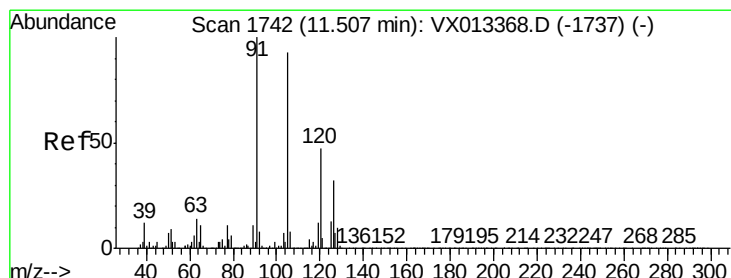
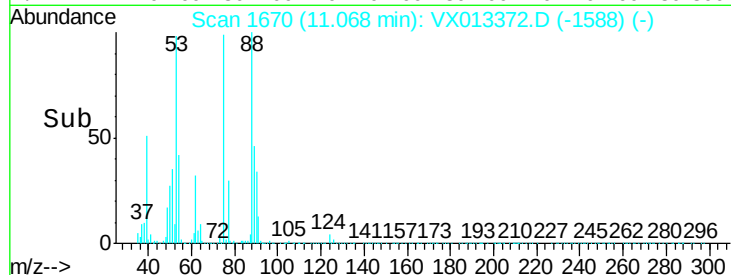
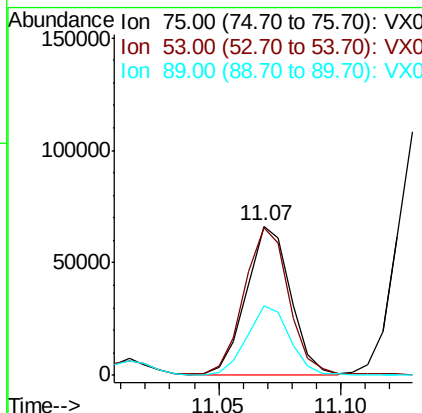
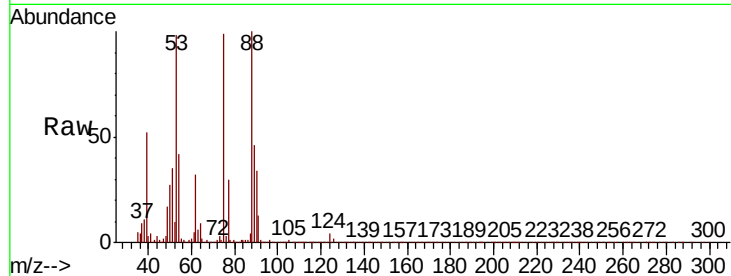
ClientSampleId :

ICVVX111119

Tot Ion:	75	Resp:	83696
Ion Ratio	Lower	Upper	
75	100		
53	99.0	48.8	146.3
89	45.8	22.3	66.8

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#78

4-Chlorotoluene

Concen: 19.131 ug/l

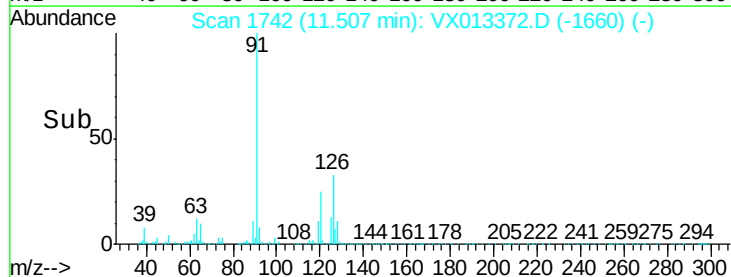
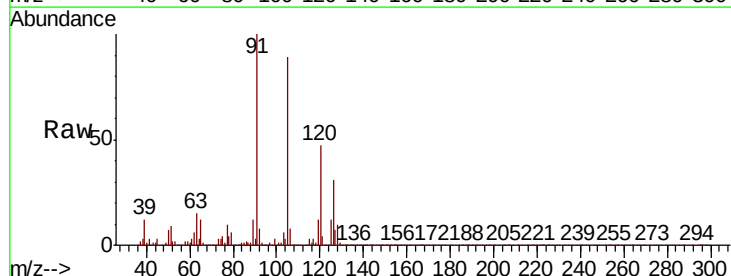
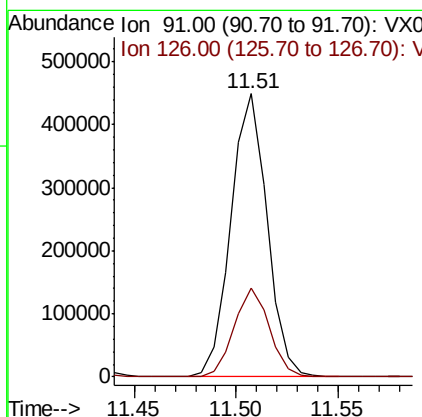
RT: 11.51 min Scan# 1742

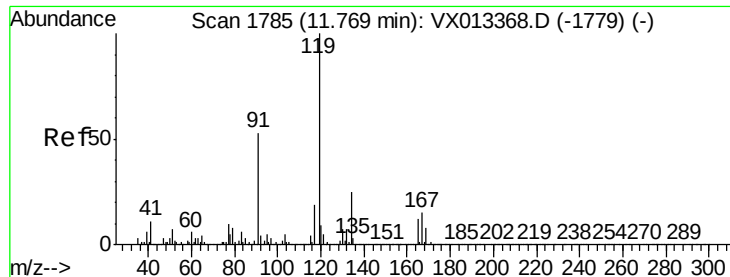
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	91	Resp:	550696
Ion Ratio	Lower	Upper	
91	100		
126	30.7	0.0	61.0





#79

tert-butylbenzene

Concen: 18.971 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

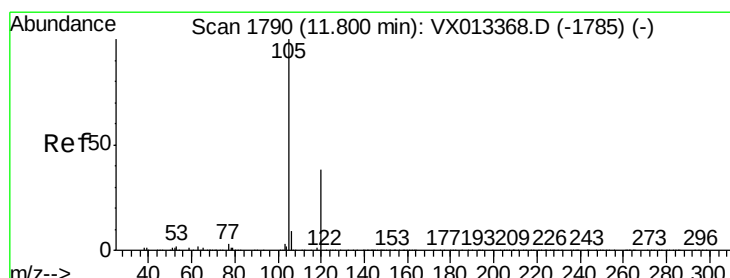
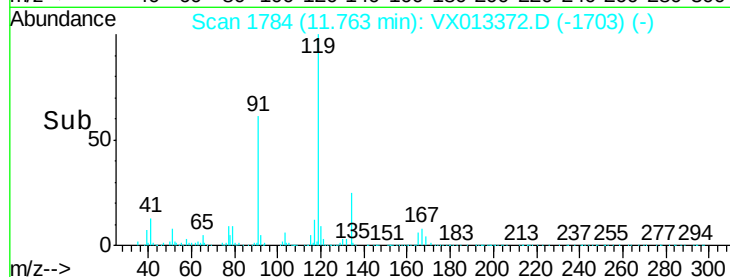
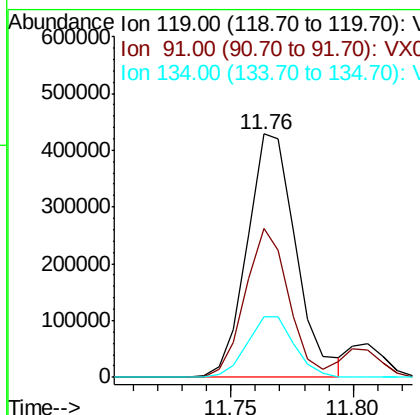
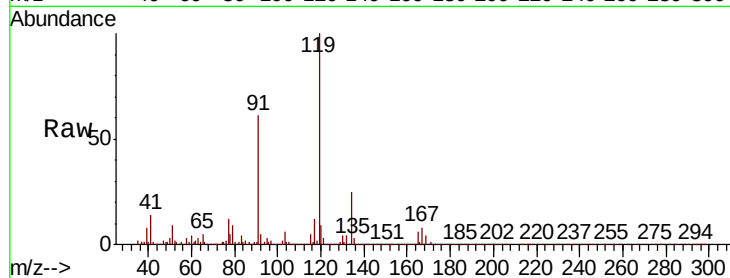
ClientSampleId :

ICVX111119

Tot Ion:	119	Resp:	598134
Ion Ratio		Lower	Upper
119	100		
91	54.3	0.0	109.6
134	23.9	0.0	47.8

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#80

1,2,4-Trimethylbenzene

Concen: 19.068 ug/l

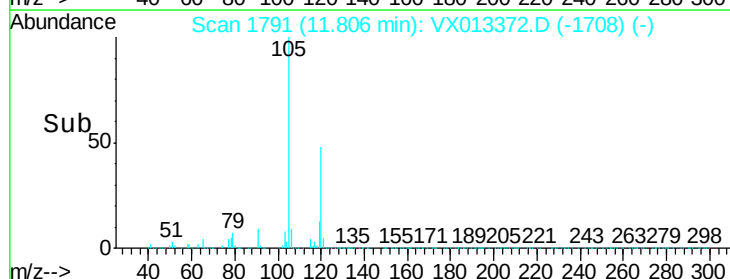
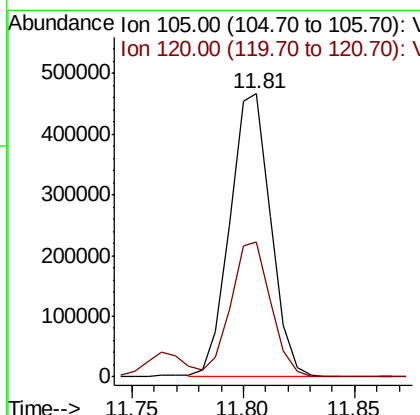
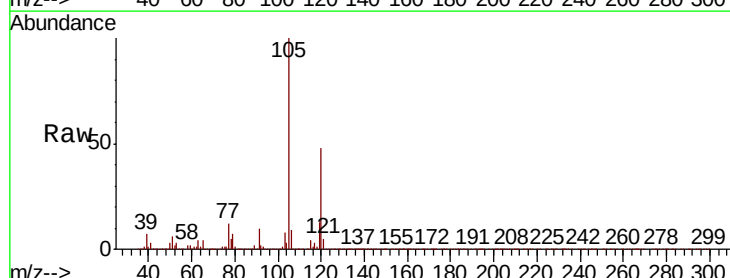
RT: 11.81 min Scan# 1791

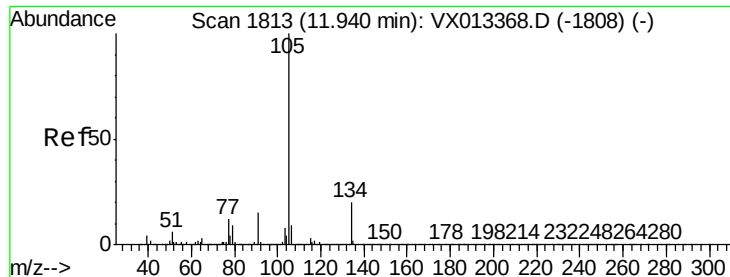
Delta R.T. 0.01 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	105	Resp:	593776
Ion Ratio		Lower	Upper
105	100		
120	46.9	0.0	94.0





#81

sec-Butylbenzene

Concen: 19.144 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

ClientSampleId :

ICVX111119

Tot Ion:105 Resp: 688665

Ion Ratio Lower Upper

105 100

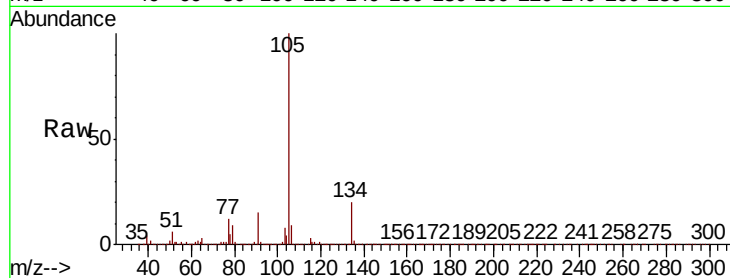
134 20.4 0.0 41.2

Manual Integrations

APPROVED

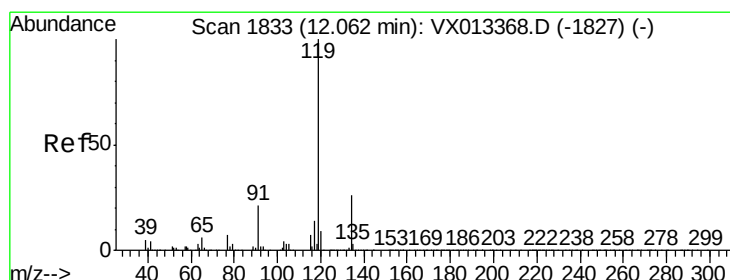
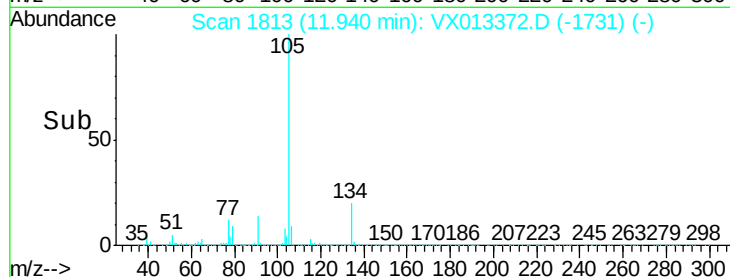
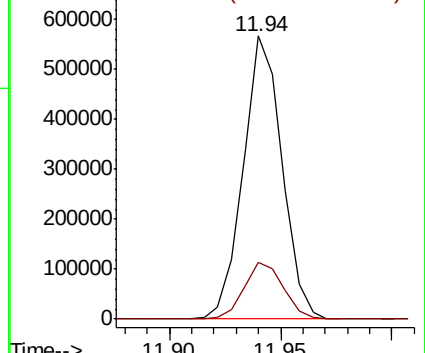
MMDadoda

11/12/2019 11:49:54 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.358 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

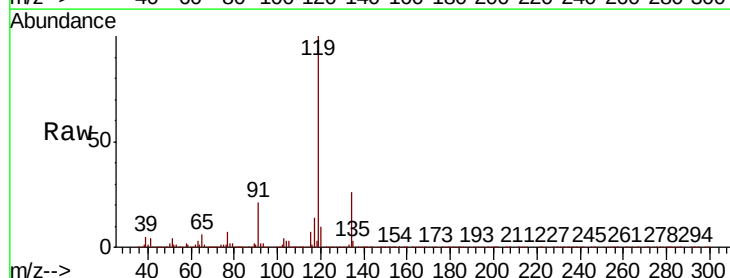
Tgt Ion:119 Resp: 641590

Ion Ratio Lower Upper

119 100

134 26.2 0.0 51.6

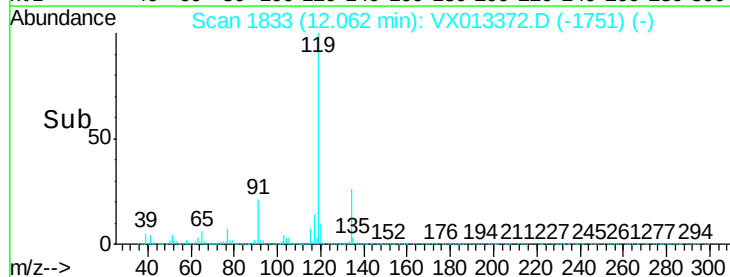
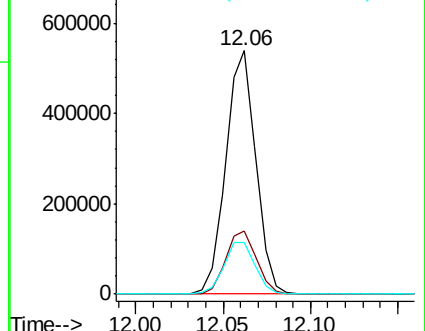
91 22.4 0.0 44.2

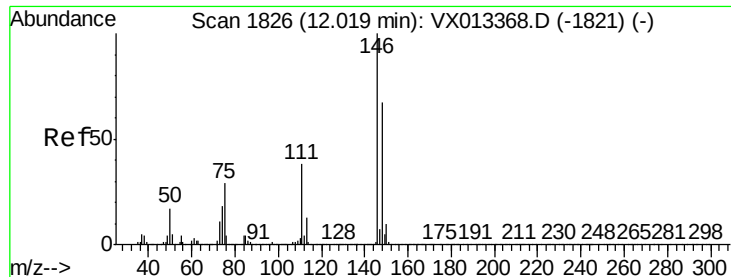


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





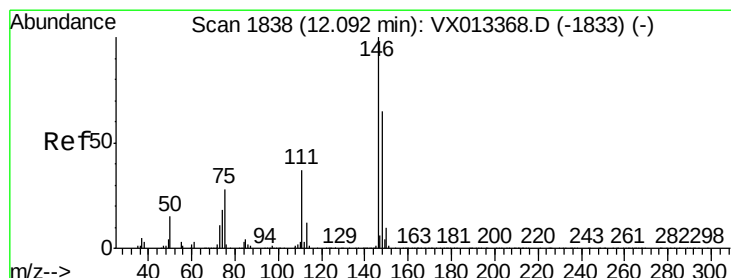
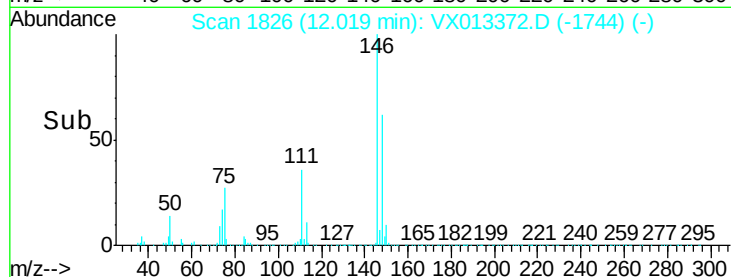
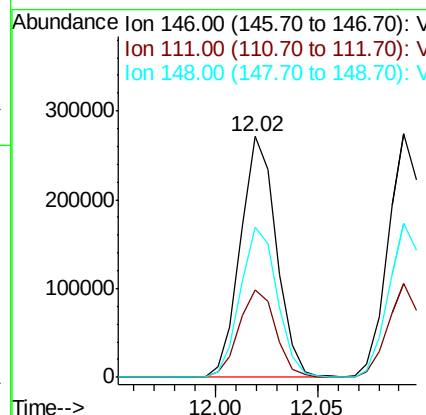
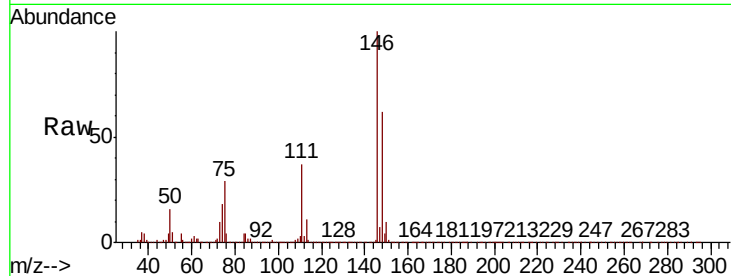
#83
 1,3-Dichlorobenzene
 Concen: 19.284 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX111119

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.8	56.3
148	63.5	32.3	96.9

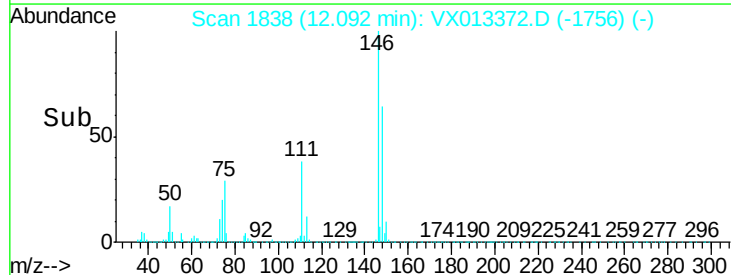
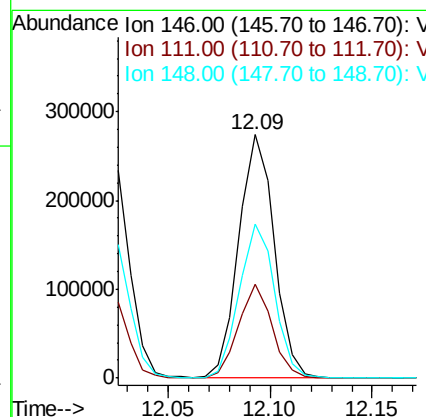
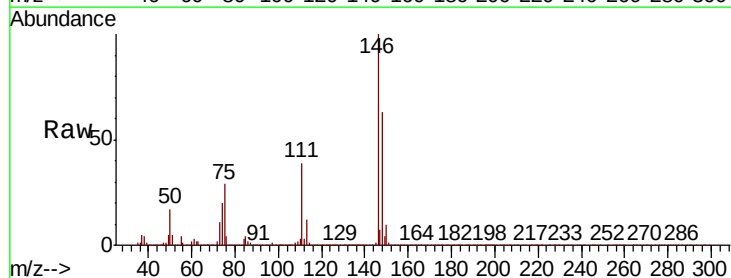
Manual Integrations
 APPROVED

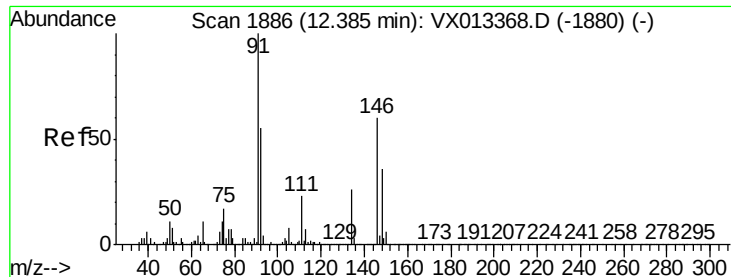
MMDadoda
 11/12/2019 11:49:54 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.334 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013372.D
 Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.6	55.6
148	63.2	32.5	97.4





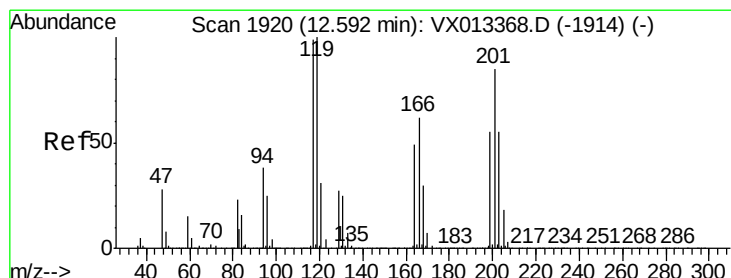
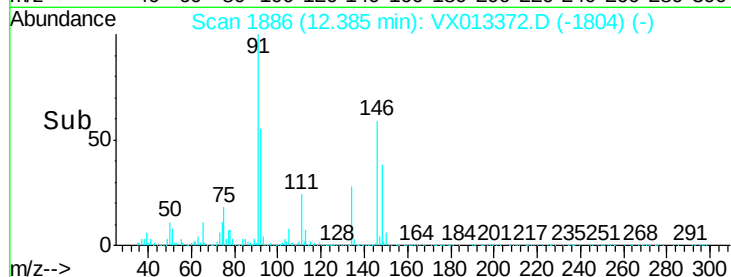
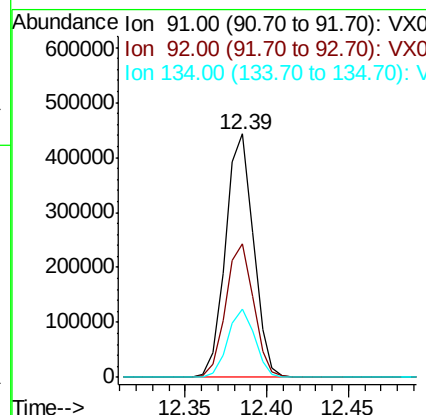
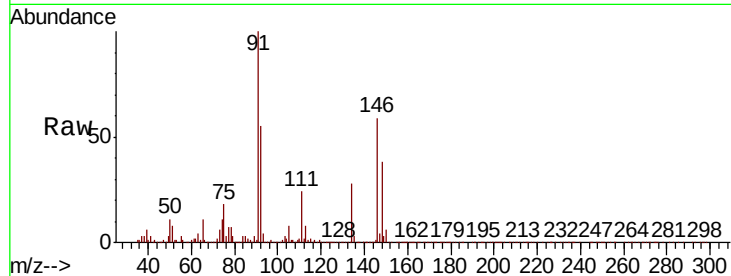
#85
n-Butylbenzene
Concen: 18.531 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Resp	Lower	Upper
91	100	530085		
92	54.9	0.0	109.0	
134	27.2	0.0	53.0	

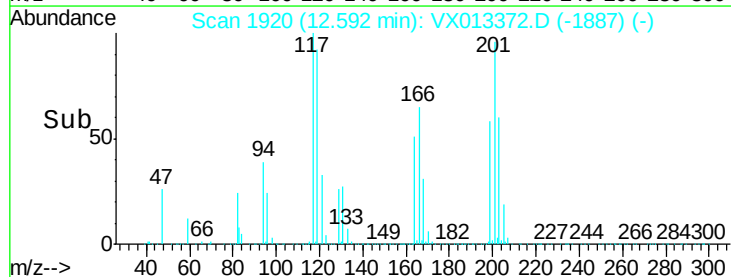
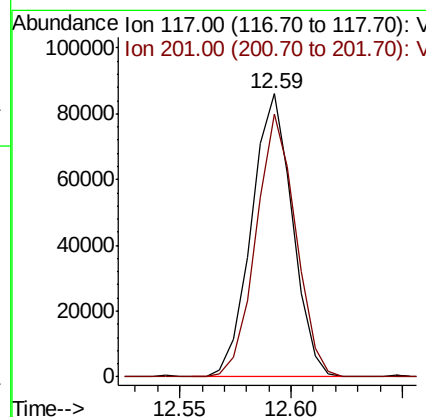
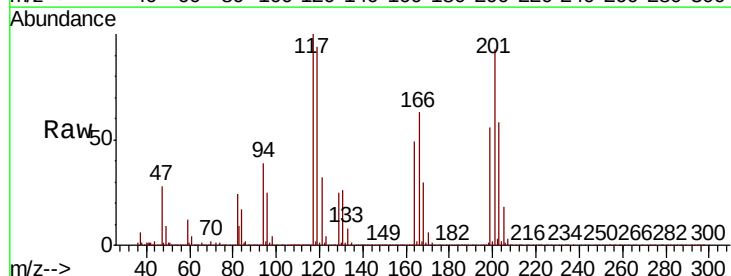
Manual Integrations
APPROVED

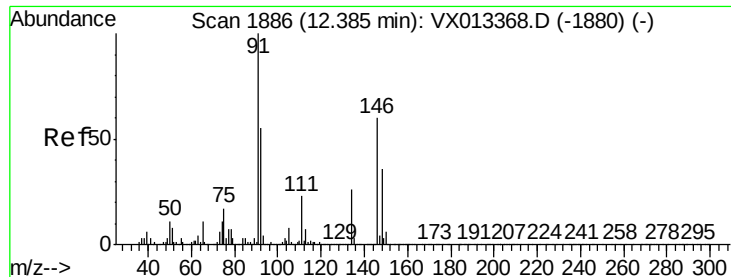
MMDadoda
11/12/2019 11:49:54 AM



#86
Hexachloroethane
Concen: 18.117 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	110190		
201	90.2	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 18.920 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013372.D

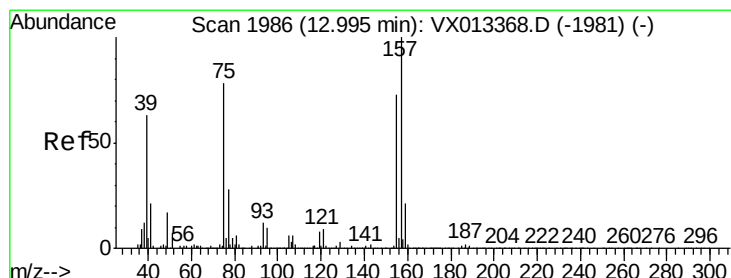
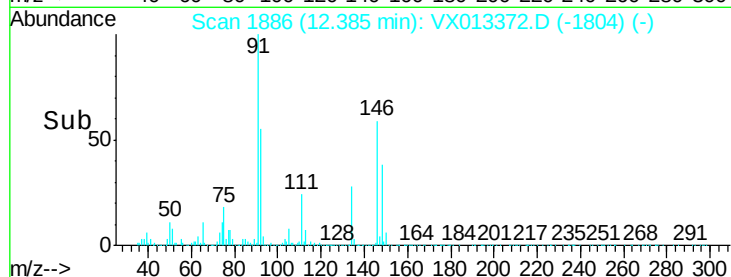
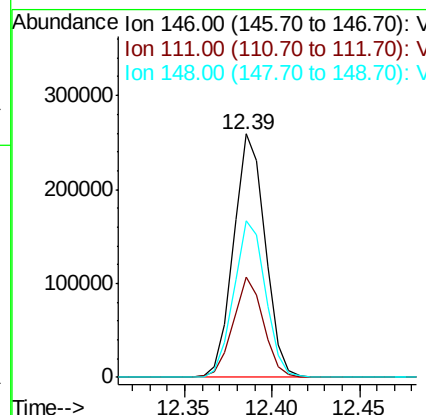
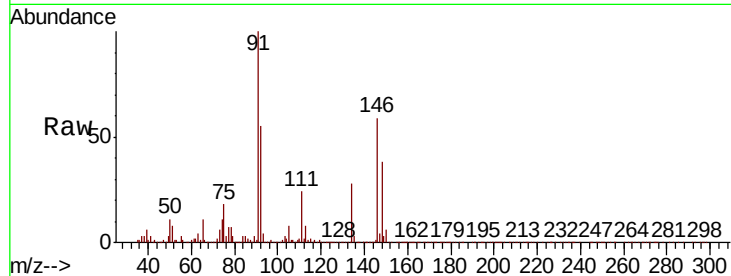
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.6	58.7
148	64.1	31.6	94.7

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.095 ug/l

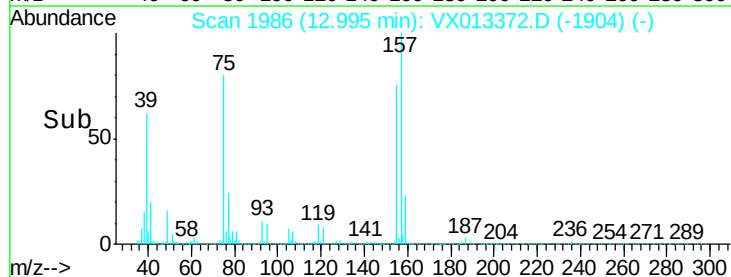
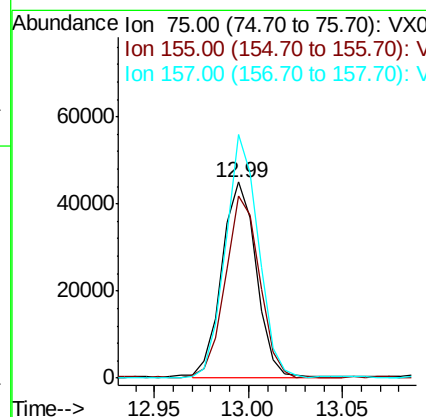
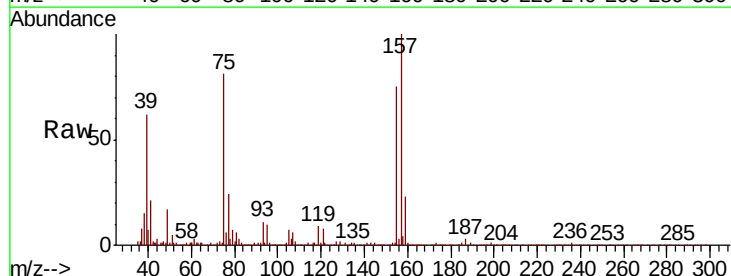
RT: 12.99 min Scan# 1986

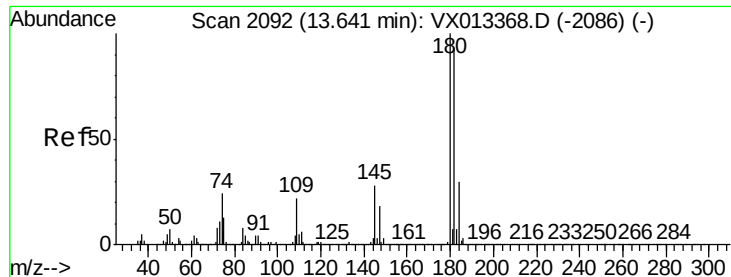
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	76.9	115.3
157	119.5	101.2	151.8





#89

1,2,4-Trichlorobenzene

Concen: 19.039 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Instrument :

MSVOA_X

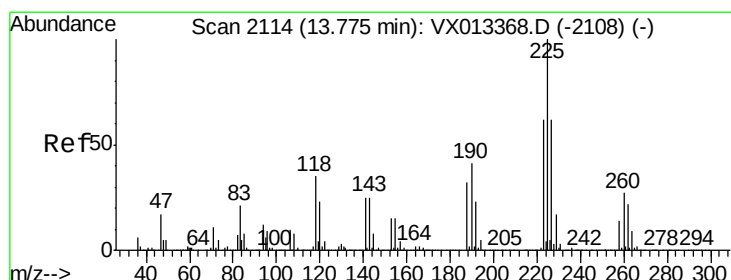
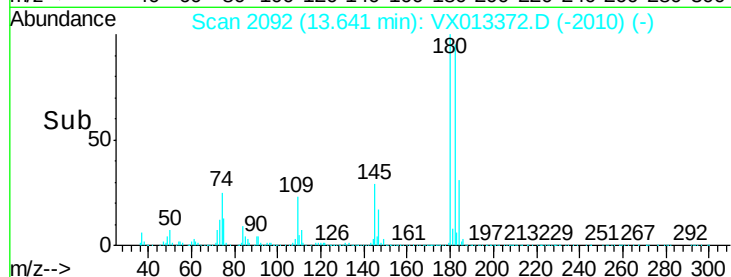
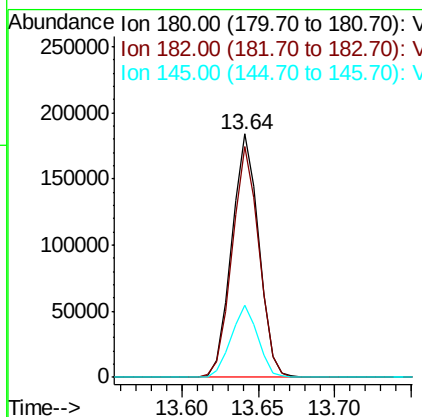
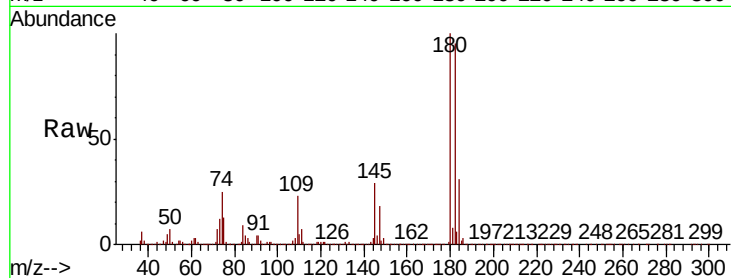
ClientSampleId :

ICVVX111119

Tot Ion:	180	Resp:	226260
Ion Ratio	Lower	Upper	
180	100		
182	93.9	74.7	112.1
145	29.2	22.1	33.1

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#90

Hexachlorobutadiene

Concen: 18.932 ug/l

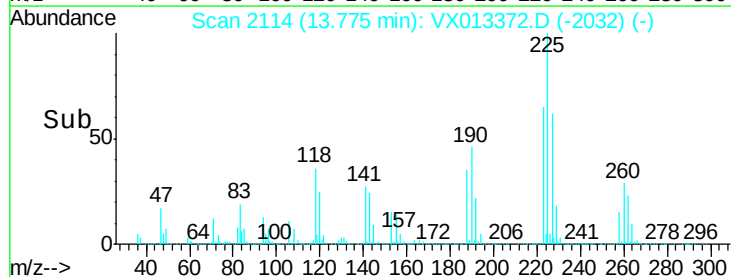
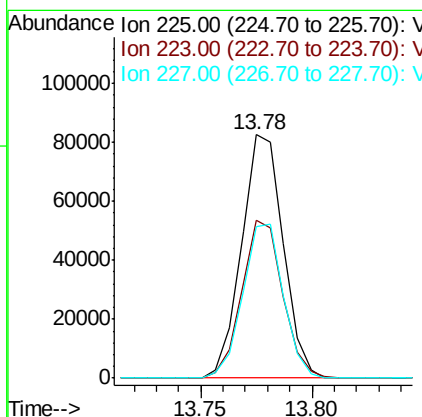
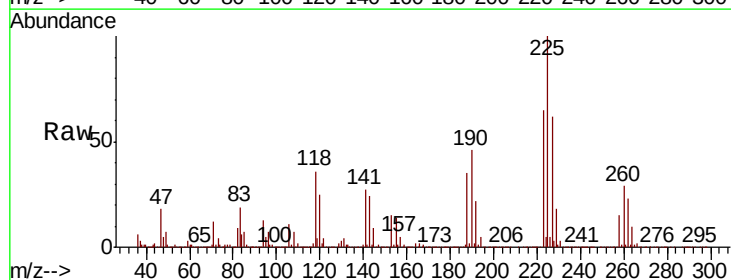
RT: 13.78 min Scan# 2114

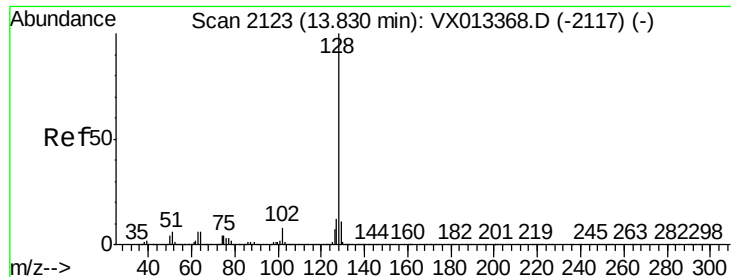
Delta R.T. 0.00 min

Lab File: VX013372.D

Acq: 11 Nov 2019 18:26

Tgt Ion:	225	Resp:	107813
Ion Ratio	Lower	Upper	
225	100		
223	63.4	0.0	123.0
227	61.7	0.0	121.8





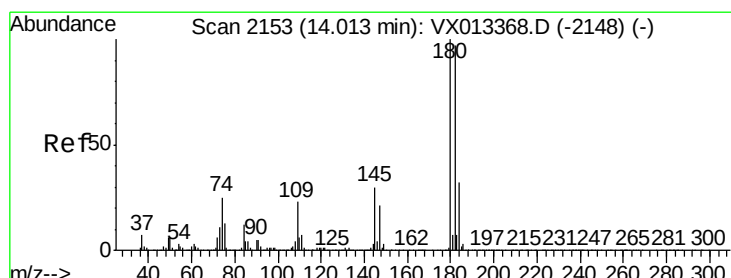
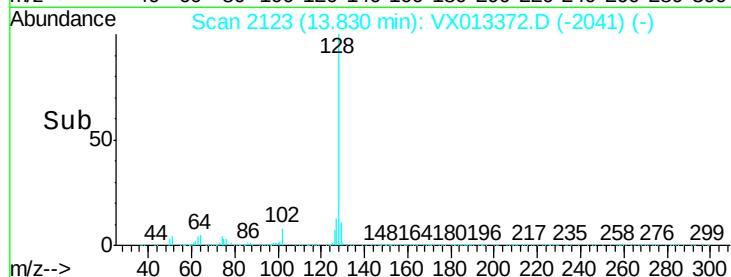
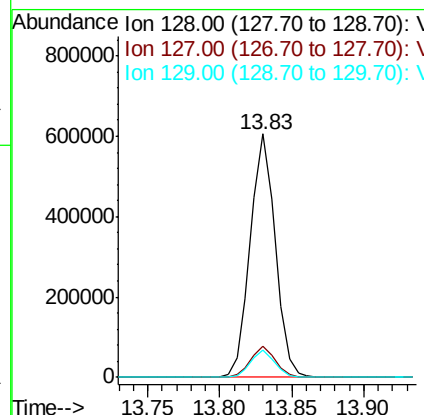
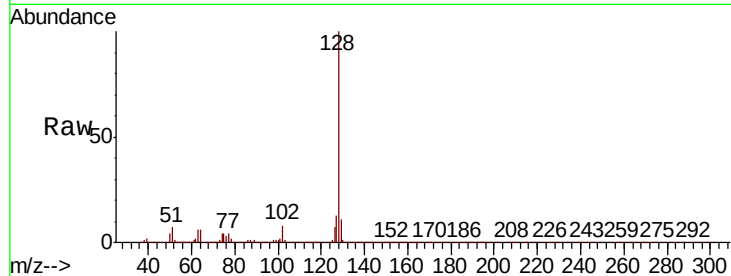
#91
Naphthalene
Concen: 19.337 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Instrument :
MSVOA_X
ClientSampleId :
ICVVX111119

Tot Ion	Ratio	Resp	Lower	Upper
128	100	727599		
127	12.7	10.2	15.2	
129	10.8	8.8	13.2	

Manual Integrations
APPROVED

MMDadoda
11/12/2019 11:49:54 AM



#92
1,2,3-Trichlorobenzene
Concen: 19.125 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013372.D
Acq: 11 Nov 2019 18:26

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	229695		
182	94.7	0.0	191.0	
145	30.5	0.0	59.0	

