

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011264.D
 Acq On : 01 Aug 2019 17:00
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:14 AM

Quant Time: Aug 02 01:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	157506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	230510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121205	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	238394	144.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.20%	
35) Dibromofluoromethane	5.49	113	222568	152.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	304.06%	
50) Toluene-d8	8.71	98	854714	155.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	311.96%	
62) 4-Bromofluorobenzene	11.13	95	328153	163.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	172808	124.128	ug/l	98
3) Chloromethane	1.32	50	187218	131.084	ug/l	100
4) Vinyl Chloride	1.40	62	211839	143.802	ug/l	99
5) Bromomethane	1.63	94	143627	162.015	ug/l	100
6) Chloroethane	1.70	64	130708	137.469	ug/l	98
7) Trichlorofluoromethane	1.91	101	392955	154.921	ug/l	100
8) Diethyl Ether	2.18	74	132705	151.446	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	203464	141.821	ug/l	99
10) Methyl Iodide	2.50	142	286572	152.707	ug/l	100
11) Tert butyl alcohol	3.06	59	240010	627.069	ug/l	99
12) 1,1-Dichloroethene	2.35	96	202972	144.621	ug/l	93
13) Acrolein	2.29	56	148799	673.556	ug/l	99
14) Allyl chloride	2.71	41	296677	145.728	ug/l	99
15) Acrylonitrile	3.14	53	569731	720.231	ug/l	99
16) Acetone	2.44	43	505718	667.824	ug/l	99
17) Carbon Disulfide	2.56	76	527783	147.842	ug/l	100
18) Methyl Acetate	2.77	43	248431	142.470	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	642472	142.398	ug/l	98
20) Methylene Chloride	2.85	84	226556	140.447	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	218210	145.336	ug/l	93
22) Diisopropyl ether	3.85	45	628110	145.990	ug/l	99
23) Vinyl Acetate	3.81	43	2842161	779.266	ug/l	100
24) 1,1-Dichloroethane	3.68	63	358852	143.007	ug/l	99
25) 2-Butanone	4.67	43	801872	735.645	ug/l	99
26) 2,2-Dichloropropane	4.57	77	301939	147.614	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	252260	145.463	ug/l	99
28) Bromochloromethane	5.01	49	160260	137.031	ug/l	100
29) Tetrahydrofuran	5.12	42	499610	724.794	ug/l	99
30) Chloroform	5.21	83	393488	144.962	ug/l	98
31) Cyclohexane	5.57	56	299667	133.202	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	356455	152.263	ug/l	100
36) 1,1-Dichloropropene	5.79	75	288633	150.764	ug/l	100
37) Ethyl Acetate	4.83	43	305426	157.237	ug/l	99
38) Carbon Tetrachloride	5.77	117	320259	160.824	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX080119\
 Data File : VX011264.D
 Acq On : 01 Aug 2019 17:00
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:14 AM

Quant Time: Aug 02 01:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	341111	139.549	ug/l	98
40) Benzene	6.13	78	877862	149.708	ug/l	98
41) Methacrylonitrile	5.04	41	166903	149.682	ug/l	98
42) 1,2-Dichloroethane	6.18	62	297692	146.725	ug/l	99
43) Isopropyl Acetate	6.44	43	502671	157.023	ug/l	100
44) Trichloroethene	7.21	130	258948	148.981	ug/l	100
45) 1,2-Dichloropropane	7.51	63	219659	147.209	ug/l	97
46) Dibromomethane	7.66	93	164648	154.527	ug/l	99
47) Bromodichloromethane	7.90	83	310287	164.175	ug/l	100
48) Methyl methacrylate	7.77	41	248387	159.504	ug/l	98
49) 1,4-Dioxane	7.74	88	125285	2860.451	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1654481	794.608	ug/l	100
52) Toluene	8.78	92	596058	154.615	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	355325	175.296	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	377233	166.897	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	250682	157.887	ug/l	99
56) Ethyl methacrylate	9.18	69	385982	167.461	ug/l	98
57) 1,3-Dichloropropane	9.37	76	385134	153.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	892663	808.173	ug/l	100
59) 2-Hexanone	9.49	43	1272538	787.987	ug/l	99
60) Dibromochloromethane	9.58	129	291472	181.887	ug/l	99
61) 1,2-Dibromoethane	9.67	107	271305	160.928	ug/l	99
64) Tetrachloroethene	9.34	164	247367	137.782	ug/l	97
65) Chlorobenzene	10.13	112	680536	145.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	260421	159.082	ug/l	99
67) Ethyl Benzene	10.25	91	1184892	149.403	ug/l	99
68) m/p-Xylenes	10.36	106	932525	304.962	ug/l	99
69) o-Xylene	10.69	106	450919	151.593	ug/l	100
70) Styrene	10.71	104	795390	160.171	ug/l	98
71) Bromoform	10.85	173	233418	178.764	ug/l	100
73) Isopropylbenzene	11.02	105	1229796	148.643	ug/l	100
74) N-amyl acetate	10.90	43	488096	155.280	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	393734	145.328	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	317716m	143.917	ug/l	
77) Bromobenzene	11.26	156	330887	144.894	ug/l	97
78) n-propylbenzene	11.36	91	1391767	152.411	ug/l	99
79) 2-Chlorotoluene	11.42	91	796005	145.469	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1037215	150.675	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	133989	168.266	ug/l	96
82) 4-Chlorotoluene	11.51	91	952517	149.322	ug/l	99
83) tert-Butylbenzene	11.77	119	1029194	151.751	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1041880	149.611	ug/l	99
85) sec-Butylbenzene	11.94	105	1218541	153.099	ug/l	100
86) p-Isopropyltoluene	12.06	119	1148034	155.879	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	591193	148.753	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	599684	147.242	ug/l	99
89) n-Butylbenzene	12.38	91	1021573	162.160	ug/l	99
90) Hexachloroethane	12.60	117	193526	167.342	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	580450	147.205	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	89114	158.835	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
Data File : VX011264.D
Acq On : 01 Aug 2019 17:00
Operator : JC/SP
Sample : VSTDICC150
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

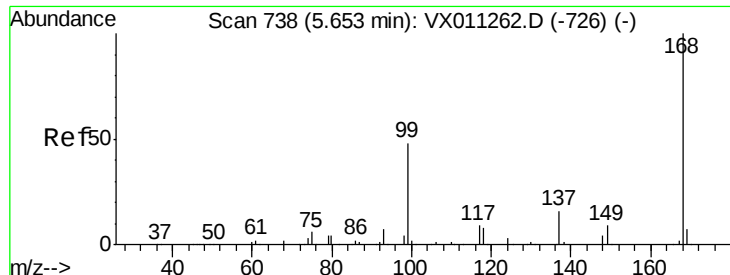
Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM

Quant Time: Aug 02 01:44:30 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 02 01:21:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	421480	158.185	ug/l	99
94) Hexachlorobutadiene	13.78	225	205349	154.946	ug/l	99
95) Naphthalene	13.83	128	1292002	164.066	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	423127	159.270	ug/l	100

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



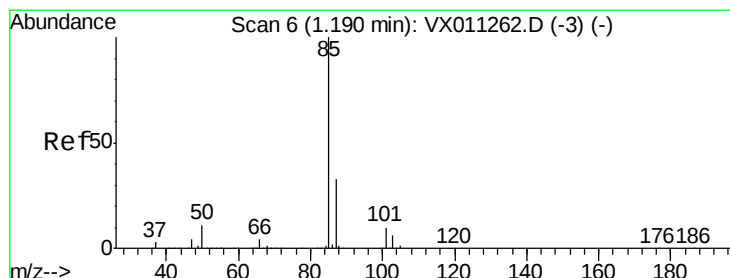
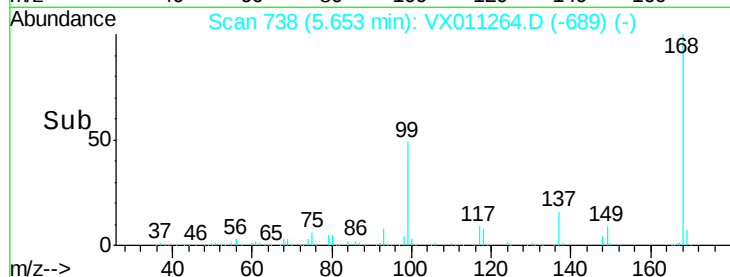
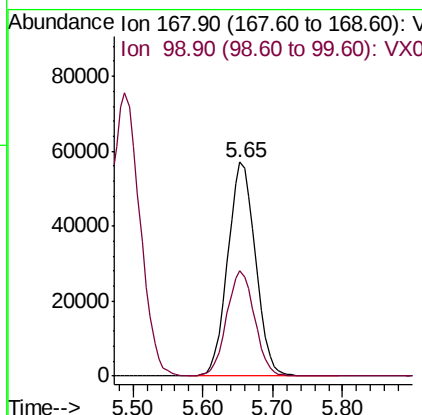
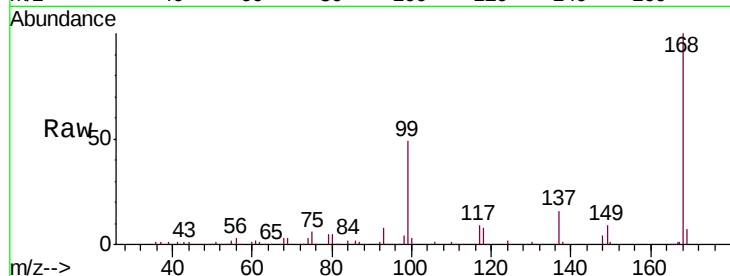
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 738
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion: 168 Resp: 157506
Ion Ratio Lower Upper
168 100
99 49.2 38.5 57.7

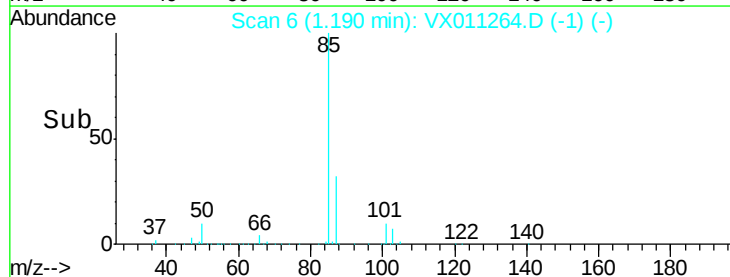
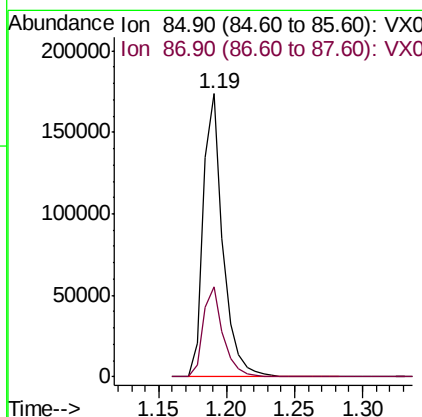
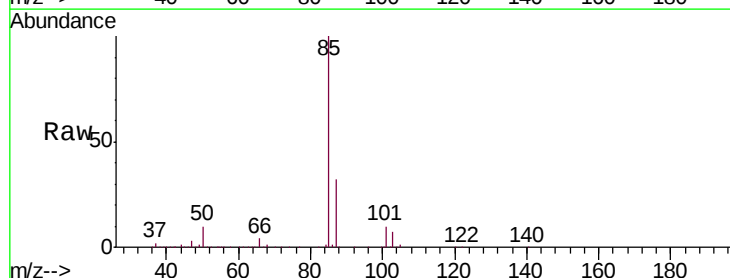
Manual Integrations
APPROVED

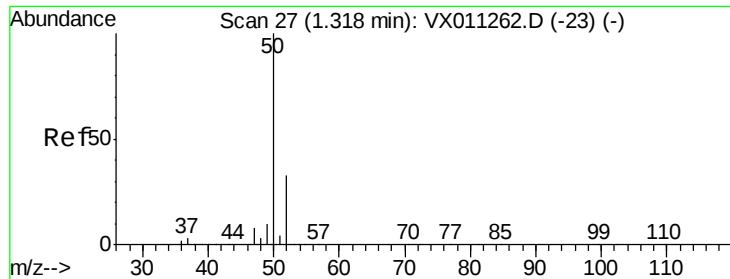
MMDadoda
8/2/2019 9:07:14 AM



#2
Dichlorodifluoromethane
Concen: 124.128 ug/l
RT: 1.19 min Scan# 6
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 85 Resp: 172808
Ion Ratio Lower Upper
85 100
87 31.8 16.4 49.1





#3

Chloromethane

Concen: 131.084 ug/l

RT: 1.32 min Scan# 27

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 187218

Ion Ratio Lower Upper

50 100

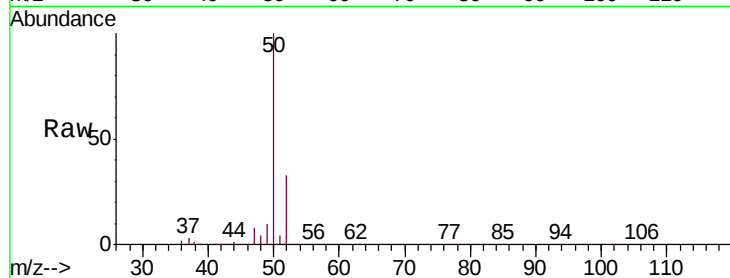
52 33.2 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:07:14 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

200000

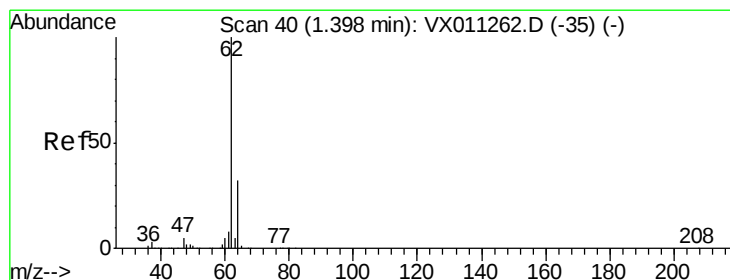
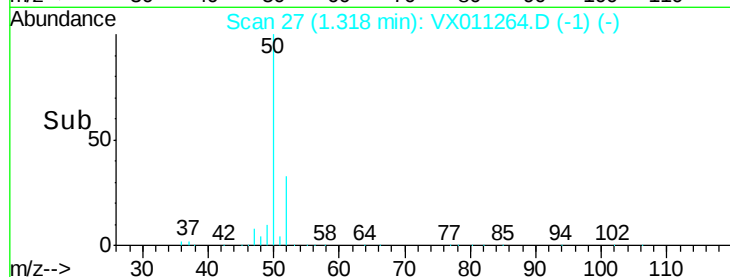
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 143.802 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.01 min

Lab File: VX011264.D

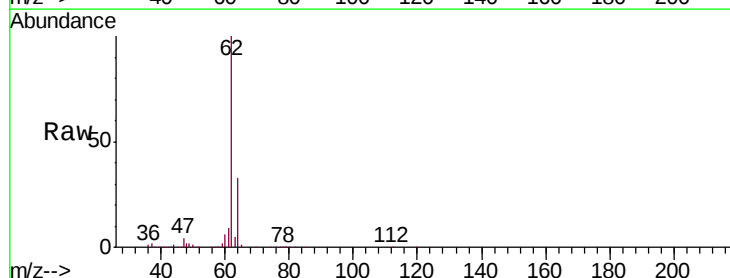
Acq: 01 Aug 2019 17:00

Tgt Ion: 62 Resp: 211839

Ion Ratio Lower Upper

62 100

64 33.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

200000

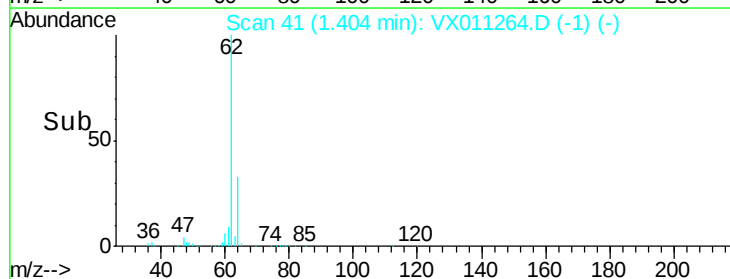
150000

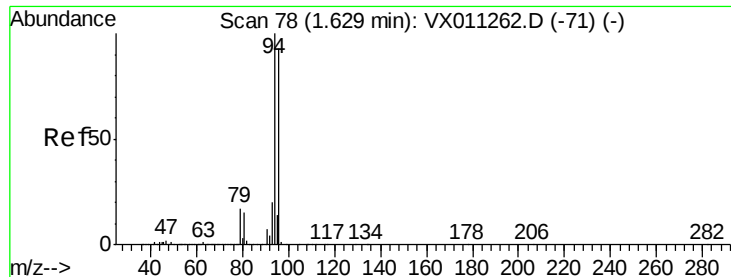
100000

50000

0

Time-->





#5

Bromomethane

Concen: 162.015 ug/l

RT: 1.63 min Scan# 78

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 143627

Ion Ratio Lower Upper

94 100

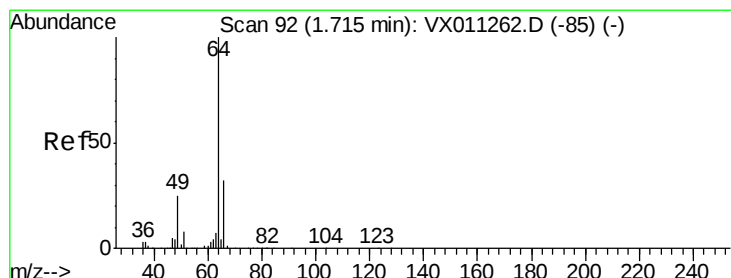
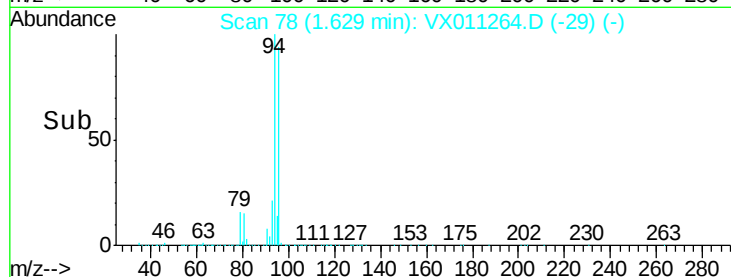
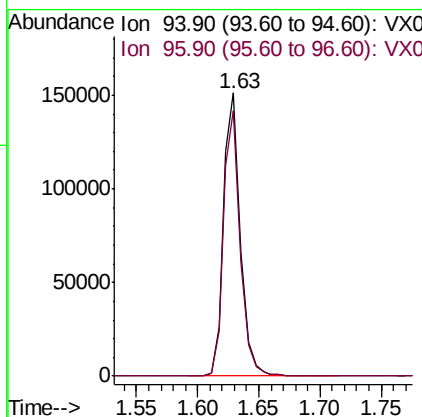
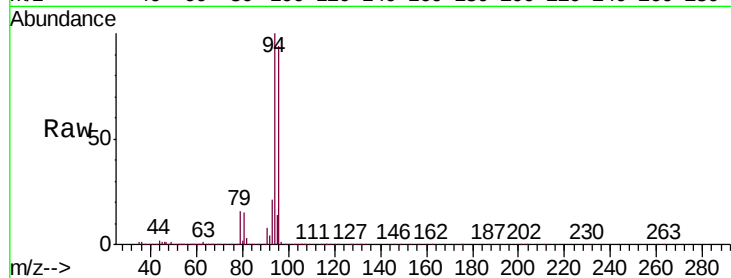
96 93.6 74.6 112.0

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:07:14 AM



#6

Chloroethane

Concen: 137.469 ug/l

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX011264.D

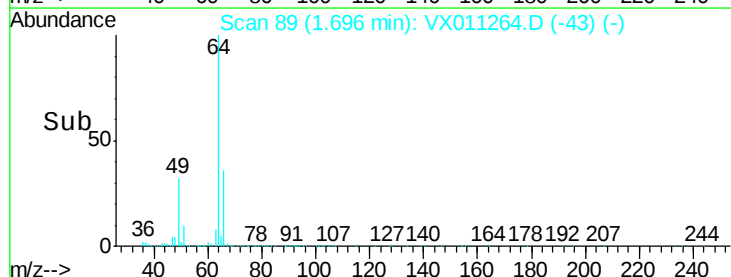
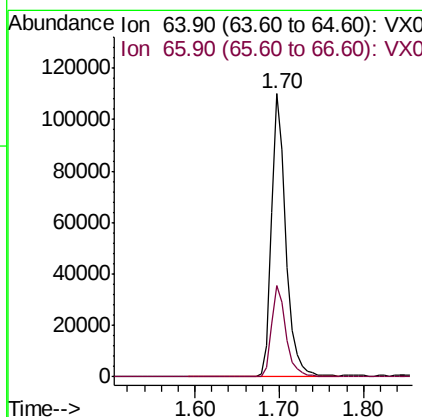
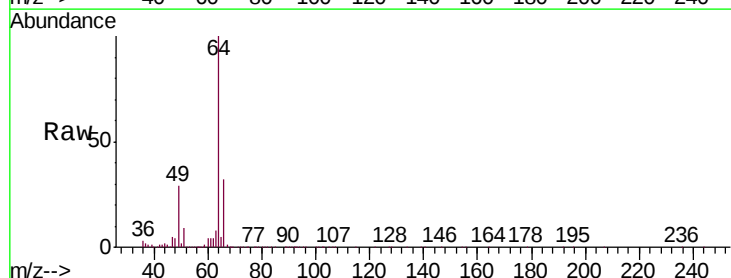
Acq: 01 Aug 2019 17:00

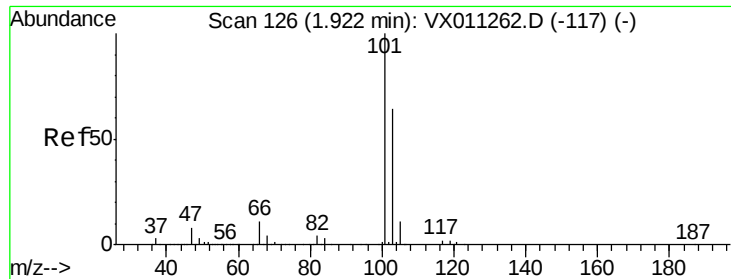
Tgt Ion: 64 Resp: 130708

Ion Ratio Lower Upper

64 100

66 32.3 25.1 37.7





#7

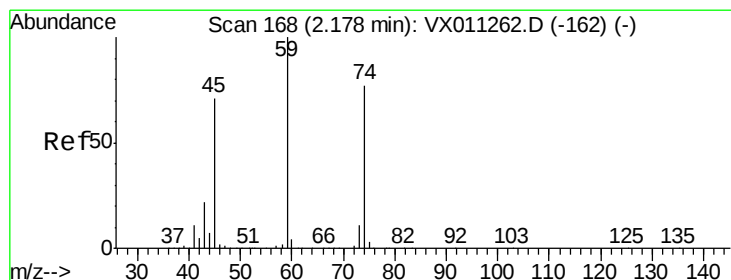
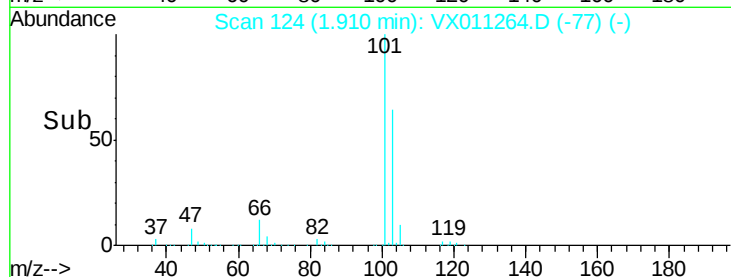
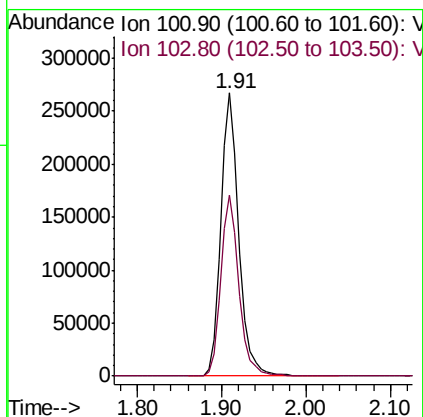
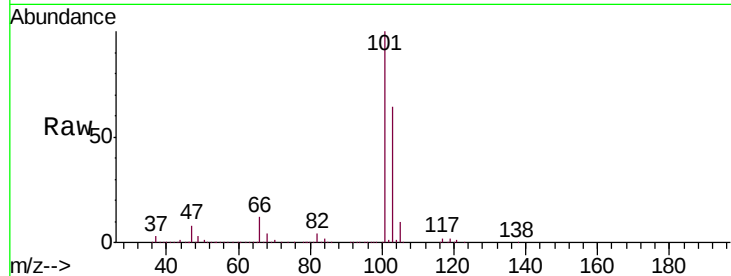
Trichlorofluoromethane
Concen: 154.921 ug/l
RT: 1.91 min Scan# 124
Delta R.T. -0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.9	76.3

Manual Integrations
APPROVED

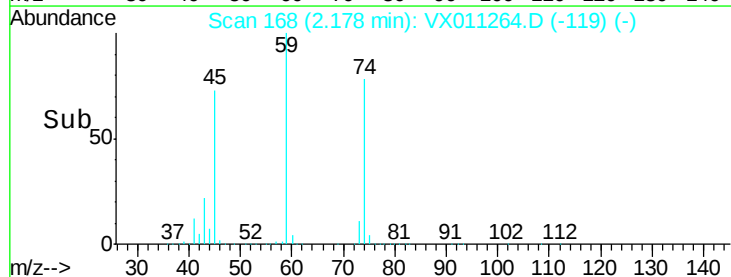
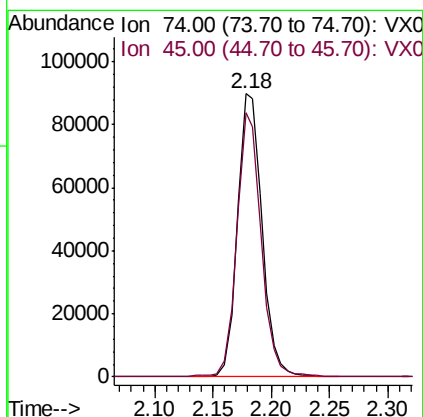
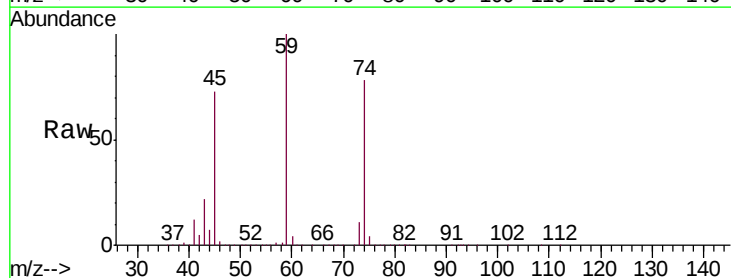
MMDadoda
8/2/2019 9:07:14 AM

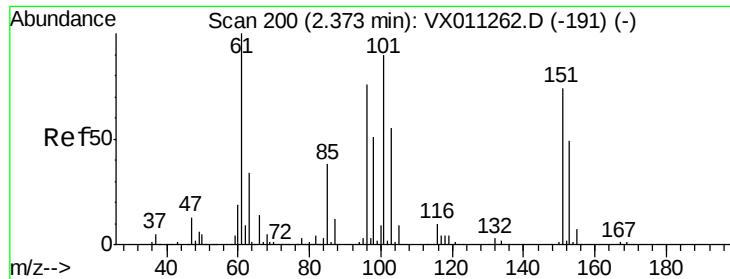


#8

Diethyl Ether
Concen: 151.446 ug/l
RT: 2.18 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.1	46.1	138.3





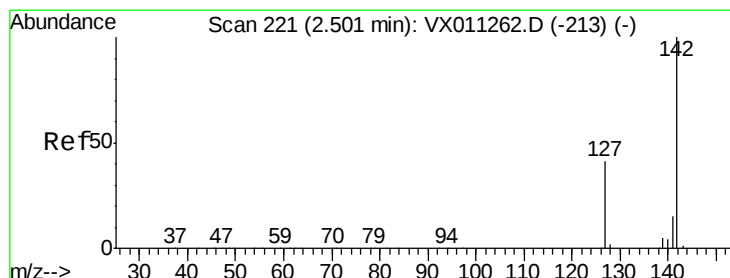
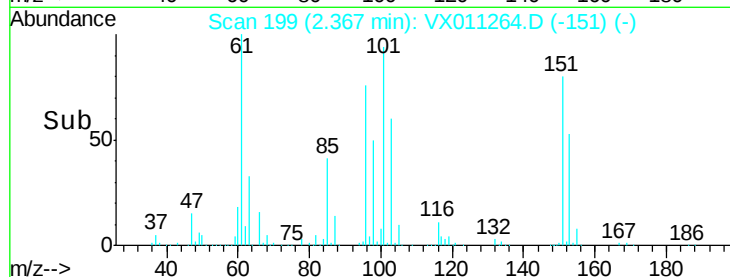
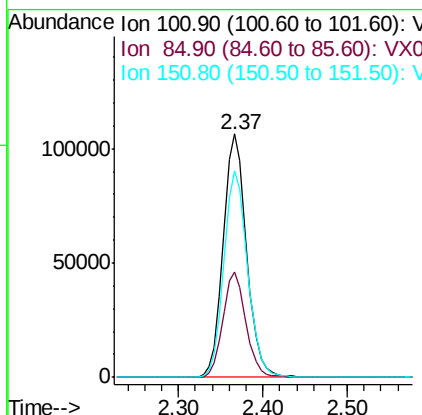
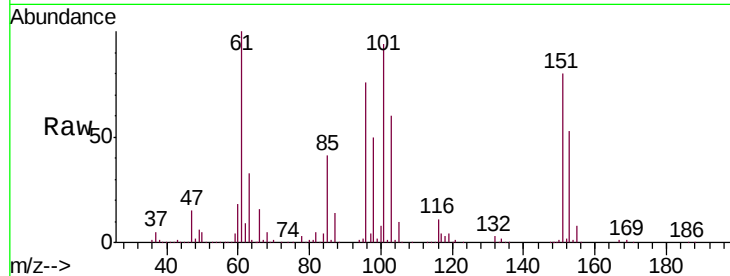
#9
1,1,2-Trichlorotrifluoroethane
Concen: 141.821 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	203464		
85	42.8	33.8	50.6	
151	85.8	69.5	104.3	

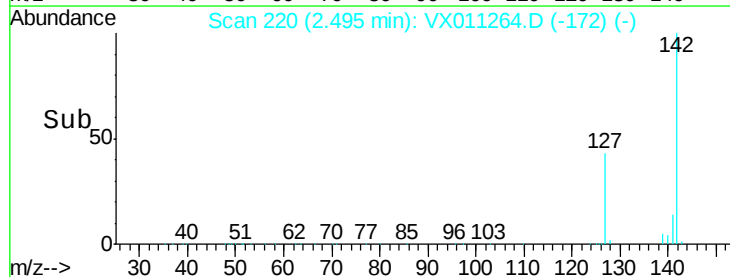
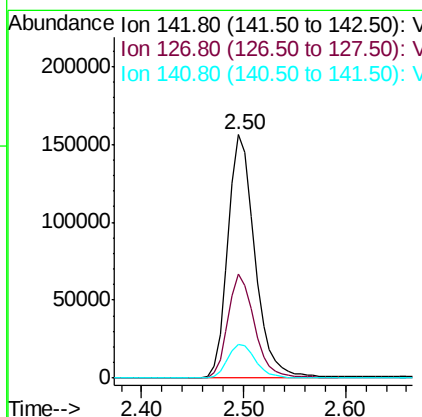
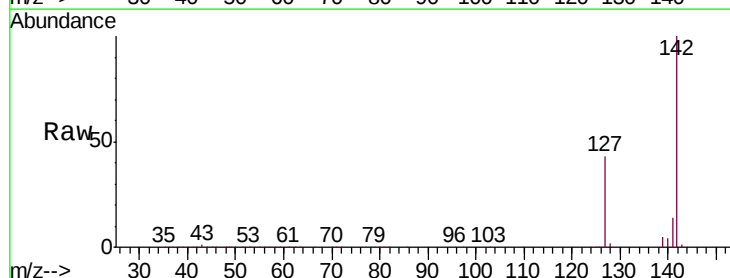
Manual Integrations
APPROVED

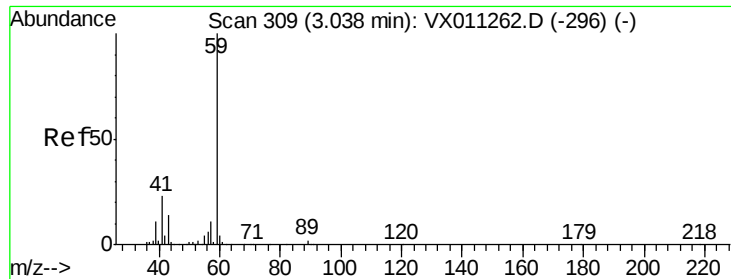
MMDadoda
8/2/2019 9:07:14 AM



#10
Methyl Iodide
Concen: 152.707 ug/l
RT: 2.50 min Scan# 220
Delta R.T. -0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	286572		
127	42.3	33.8	50.8	
141	14.5	11.4	17.2	





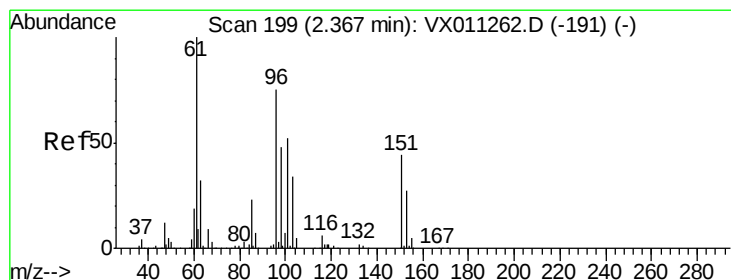
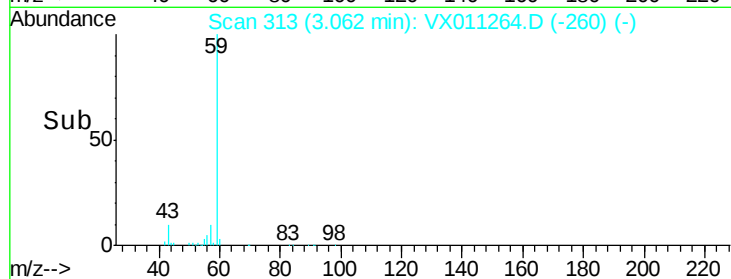
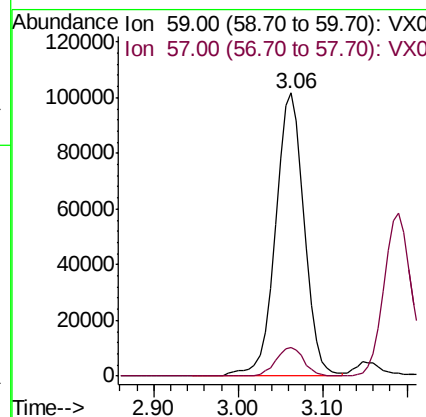
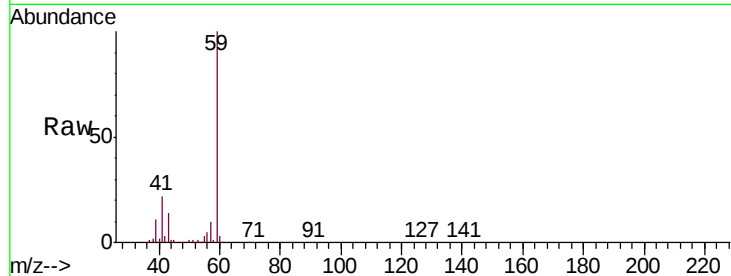
#11
Tert butyl alcohol
Concen: 627.069 ug/l
RT: 3.06 min Scan# 313
Delta R.T. 0.02 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 240010
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

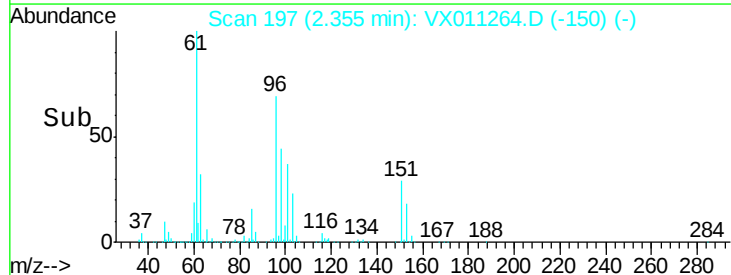
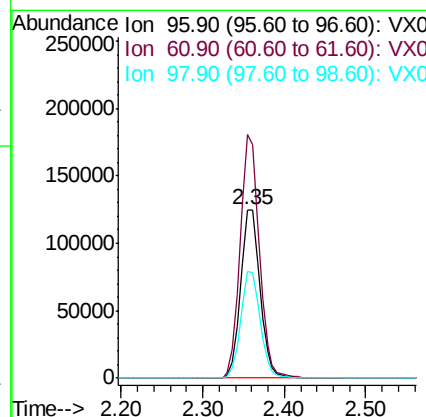
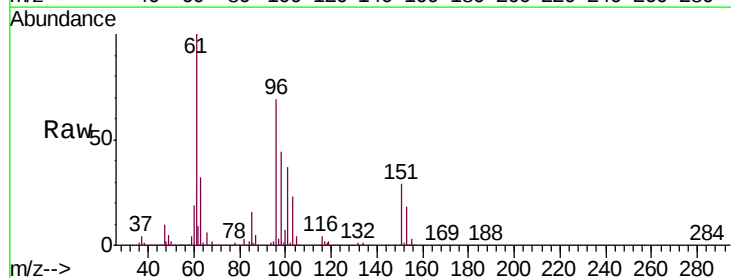
Manual Integrations
APPROVED

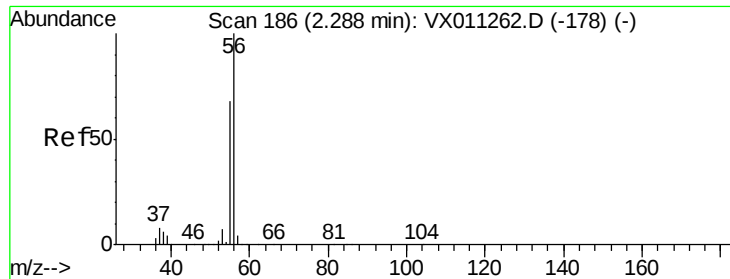
MMDadoda
8/2/2019 9:07:14 AM



#12
1,1-Dichloroethene
Concen: 144.621 ug/l
RT: 2.35 min Scan# 197
Delta R.T. -0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 96 Resp: 202972
Ion Ratio Lower Upper
96 100
61 144.5 106.2 159.2
98 63.0 50.6 75.8





#13

Acrolein

Concen: 673.556 ug/l

RT: 2.29 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tgt Ion: 56 Resp: 148799

Ion Ratio Lower Upper

56 100

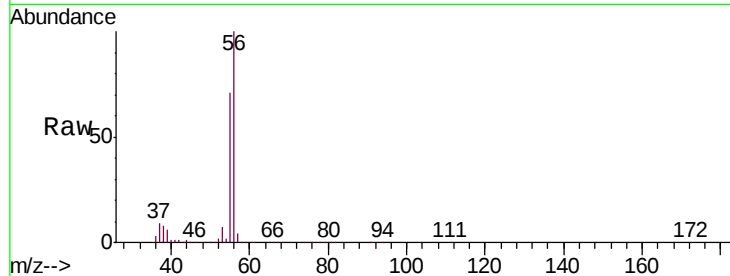
55 69.4 56.0 84.0

Manual Integrations

APPROVED

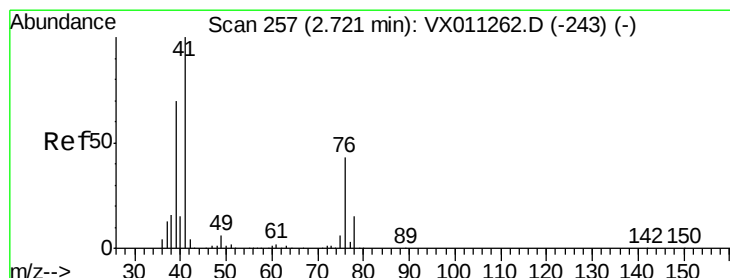
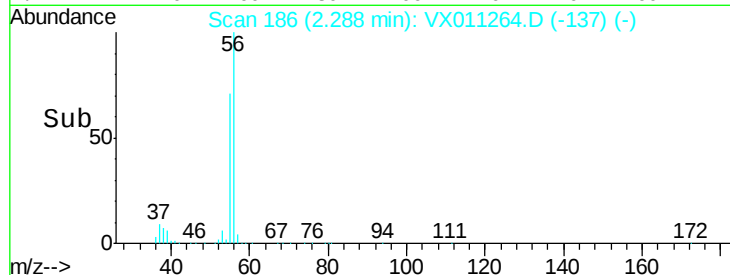
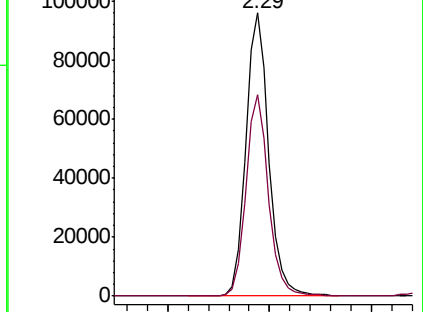
MMDadoda

8/2/2019 9:07:14 AM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 145.728 ug/l

RT: 2.71 min Scan# 256

Delta R.T. -0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

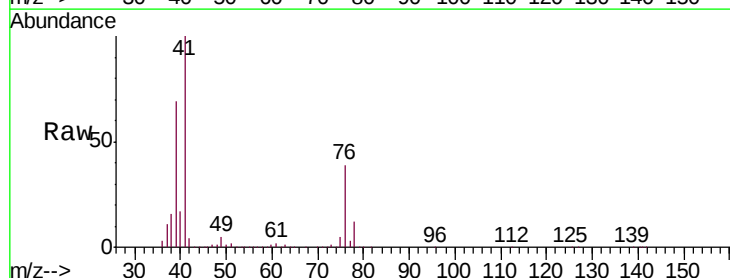
Tgt Ion: 41 Resp: 296677

Ion Ratio Lower Upper

41 100

39 66.4 52.8 79.2

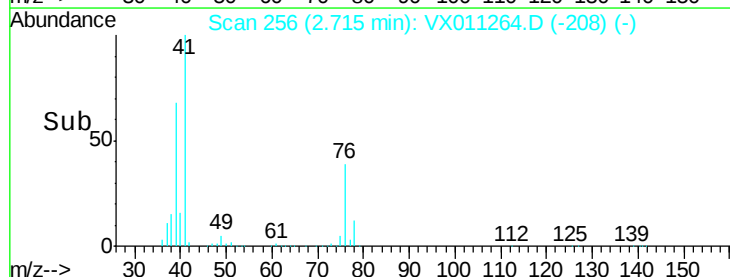
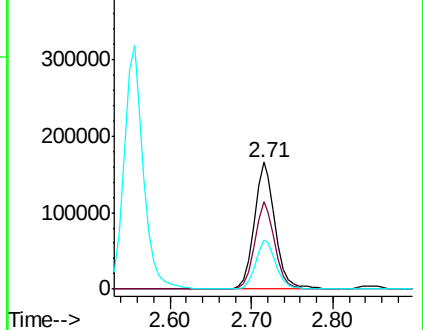
76 38.2 31.1 46.7

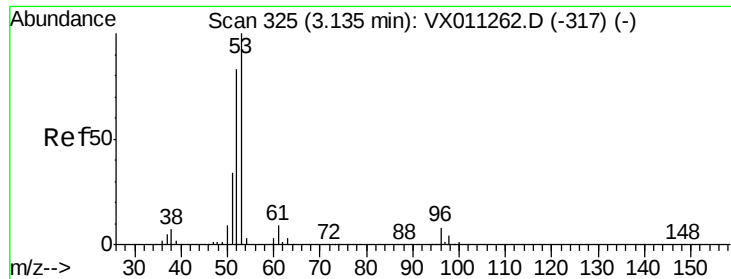


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 720.231 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

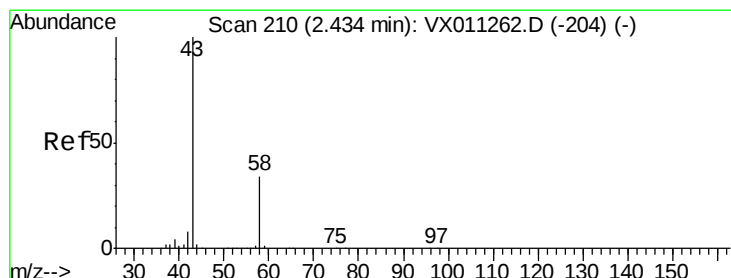
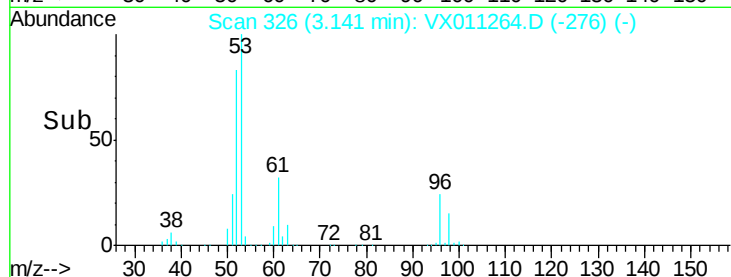
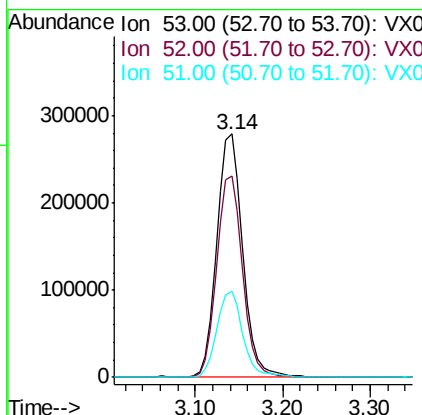
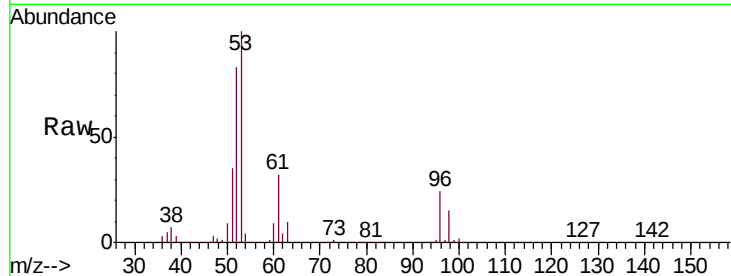
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	569731
Ion Ratio	Lower	Upper	
53	100		
52	82.6	65.5	98.3
51	35.6	27.9	41.9

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#16

Acetone

Concen: 667.824 ug/l

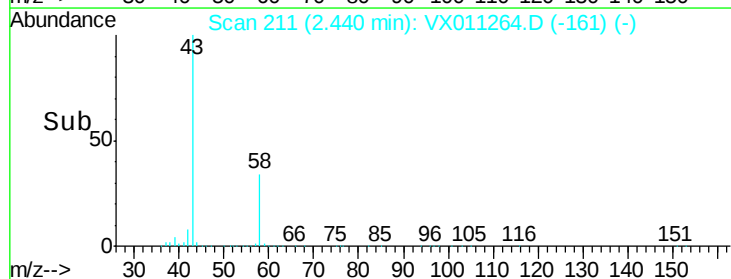
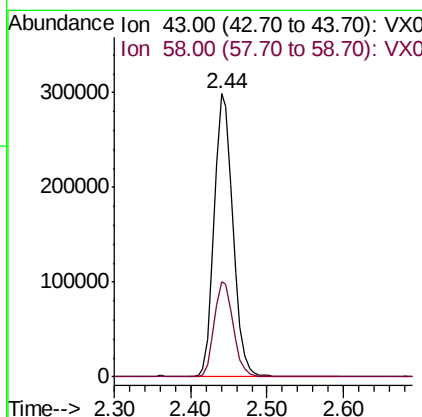
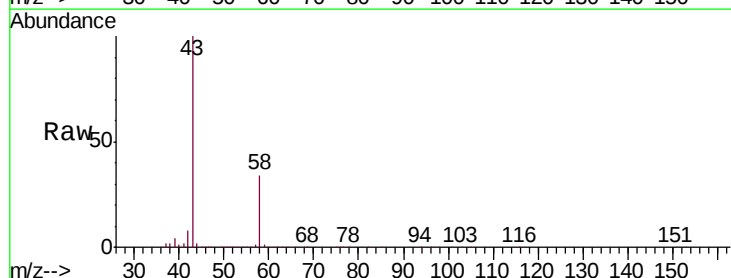
RT: 2.44 min Scan# 211

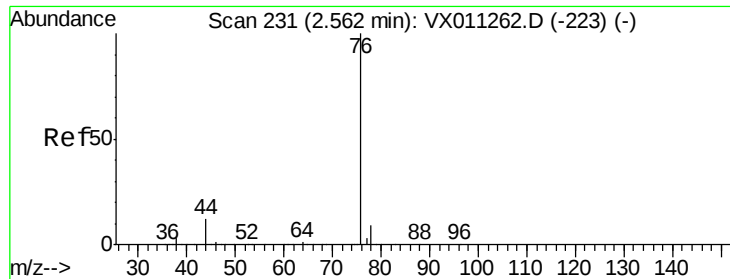
Delta R.T. 0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion:	43	Resp:	505718
Ion Ratio	Lower	Upper	
43	100		
58	33.8	27.4	41.0





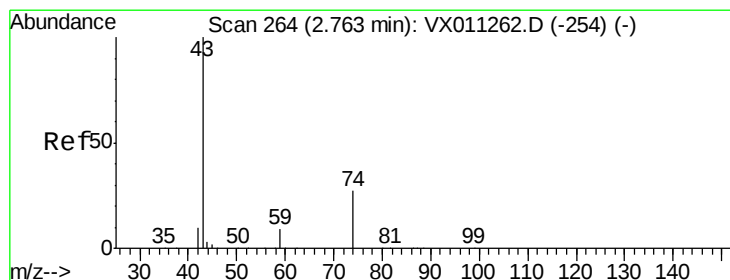
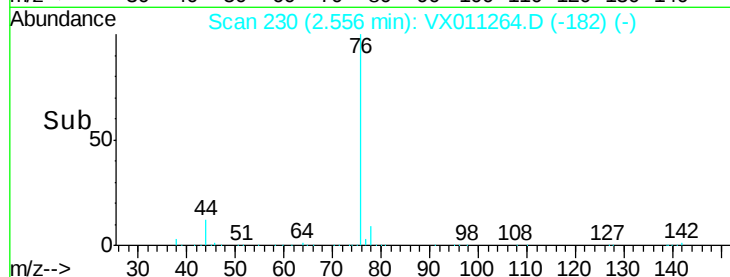
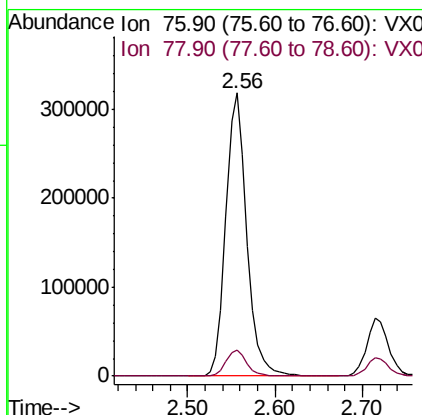
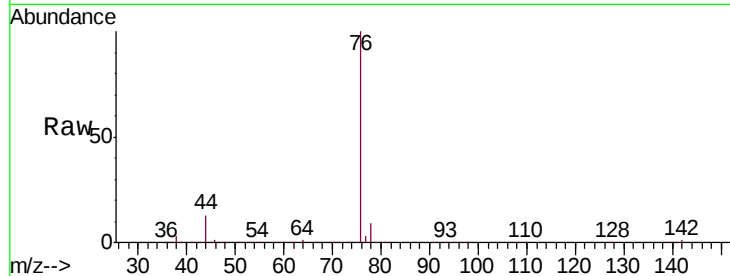
#17
Carbon Disulfide
Concen: 147.842 ug/l
RT: 2.56 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 527783
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0

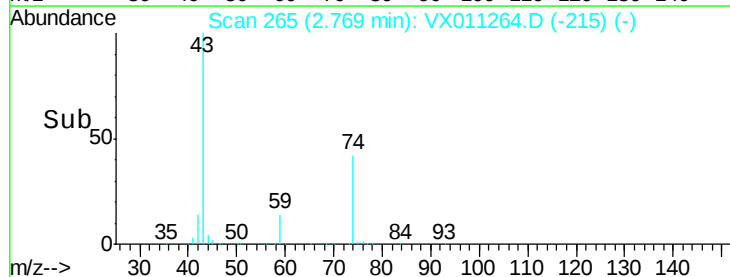
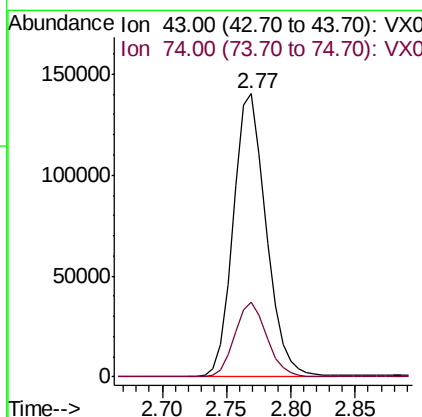
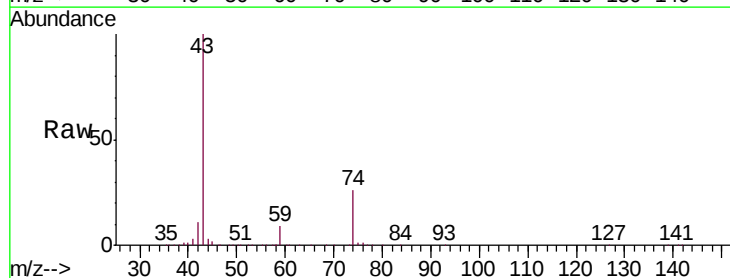
Manual Integrations
APPROVED

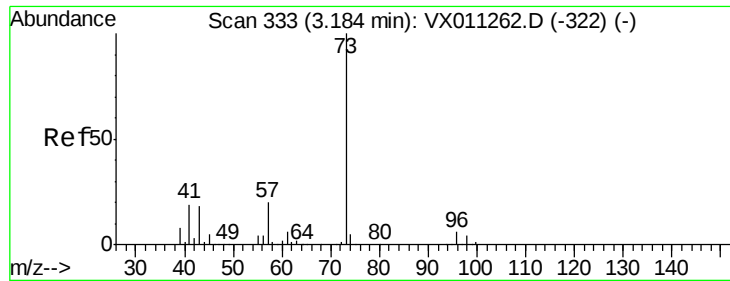
MMDadoda
8/2/2019 9:07:14 AM



#18
Methyl Acetate
Concen: 142.470 ug/l
RT: 2.77 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 43 Resp: 248431
Ion Ratio Lower Upper
43 100
74 25.9 21.0 31.6





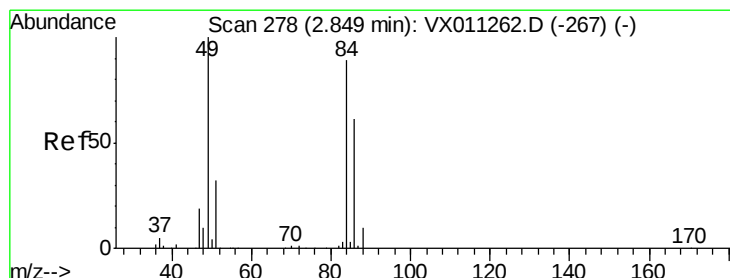
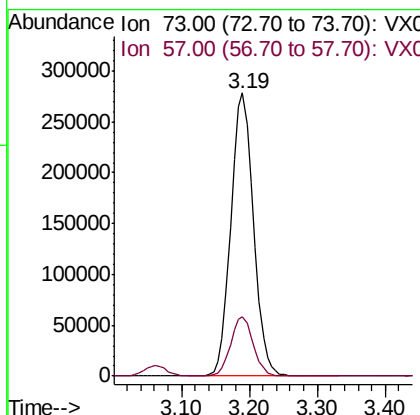
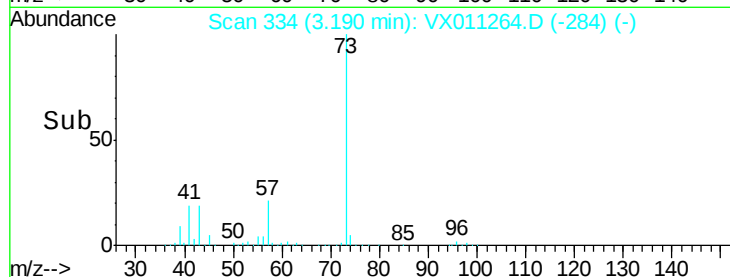
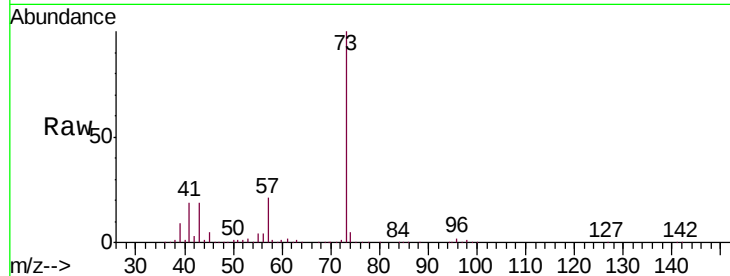
#19
Methyl tert-butyl Ether
Concen: 142.398 ug/l
RT: 3.19 min Scan# 334
Delta R.T. 0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 73 Resp: 642472
Ion Ratio Lower Upper
73 100
57 21.0 16.2 24.2

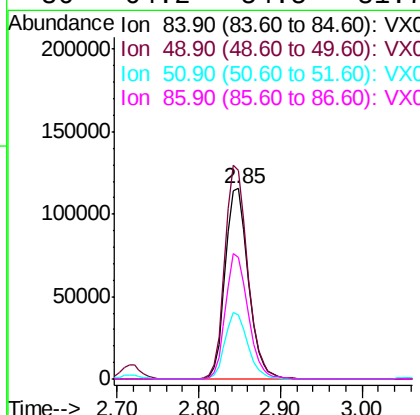
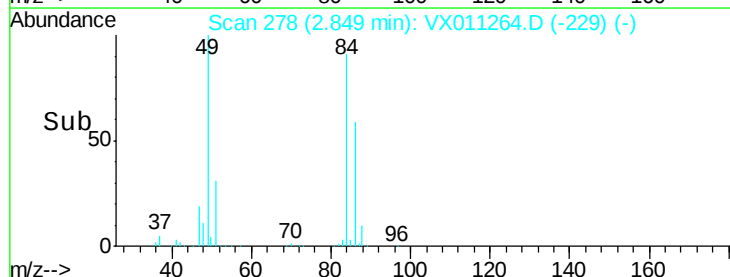
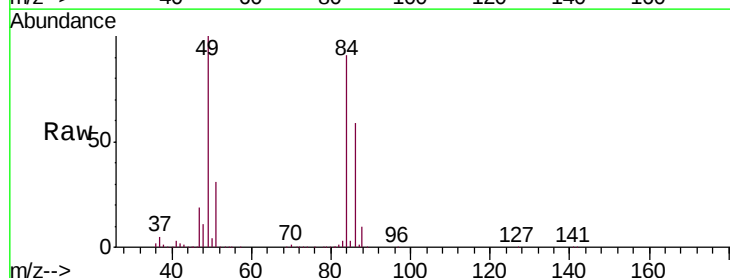
Manual Integrations
APPROVED

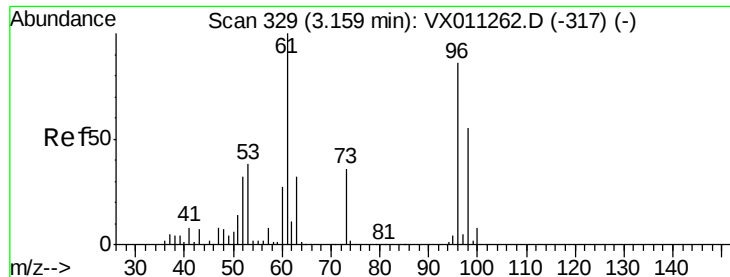
MMDadoda
8/2/2019 9:07:14 AM



#20
Methylene Chloride
Concen: 140.447 ug/l
RT: 2.85 min Scan# 278
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 84 Resp: 226556
Ion Ratio Lower Upper
84 100
49 109.5 89.3 133.9
51 34.0 28.3 42.5
86 64.2 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 145.336 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

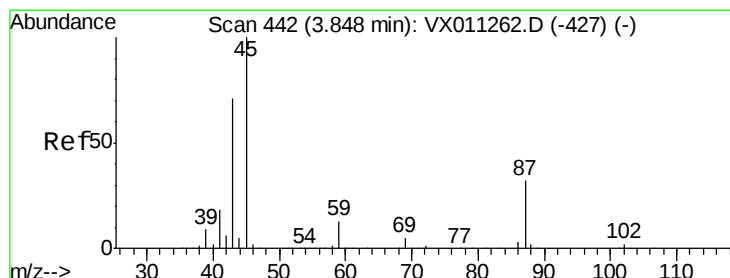
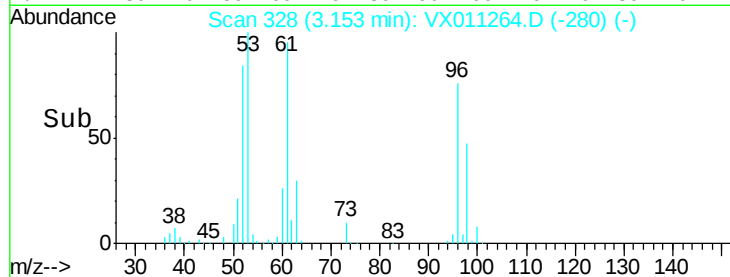
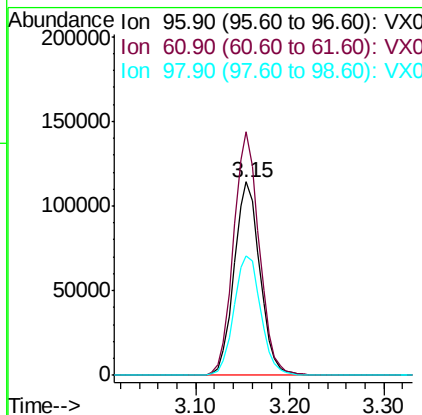
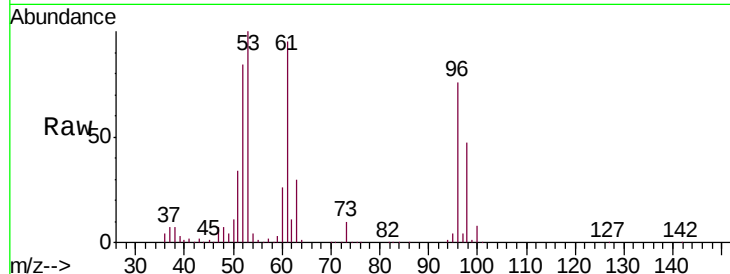
ClientSampleId :

VSTDIC150

Tgt Ion:	96	Resp:	218210
Ion	Ratio	Lower	Upper
96	100		
61	125.8	92.8	139.2
98	62.1	51.2	76.8

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#22

Diisopropyl ether

Concen: 145.990 ug/l

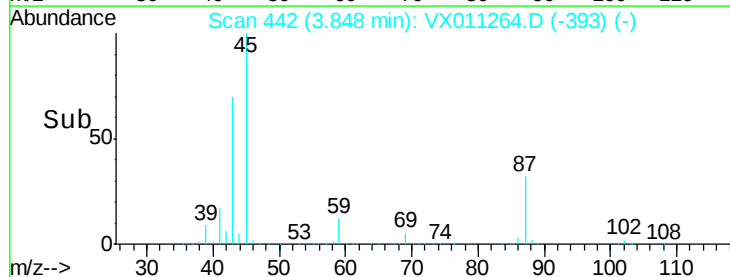
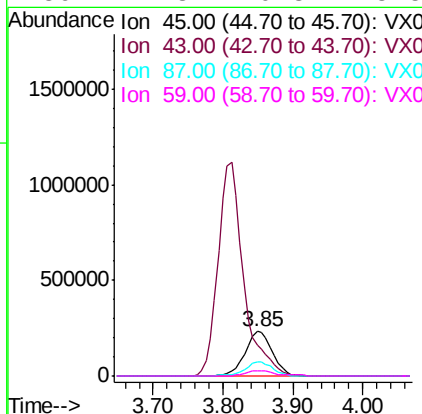
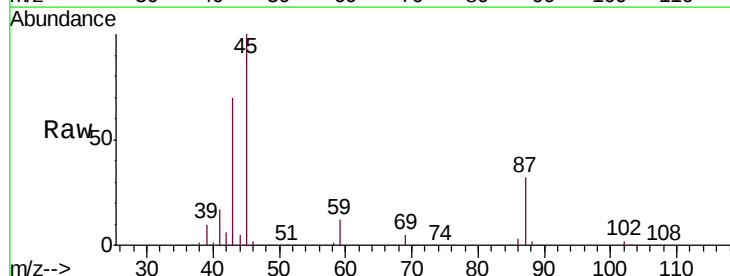
RT: 3.85 min Scan# 442

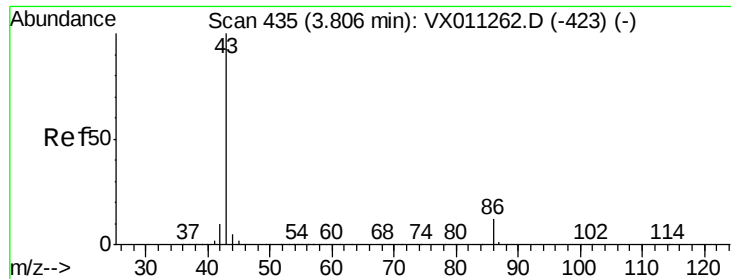
Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion:	45	Resp:	628110
Ion	Ratio	Lower	Upper
45	100		
43	69.9	56.8	85.2
87	31.5	25.8	38.6
59	12.3	10.3	15.5





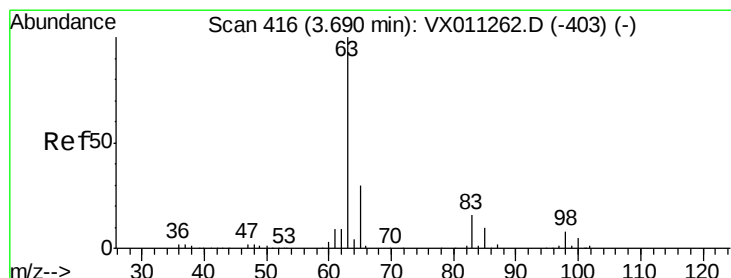
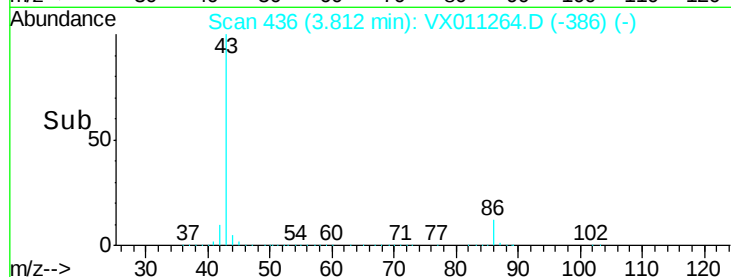
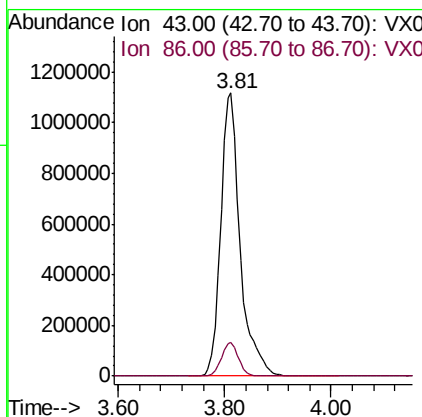
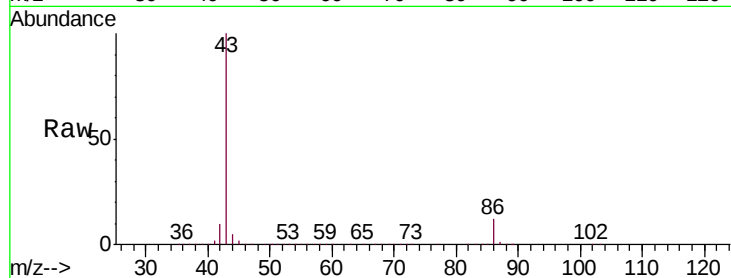
#23
 Vinyl Acetate
 Concen: 779.266 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. 0.01 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion: 43 Resp: 2842161
 Ion Ratio Lower Upper
 43 100
 86 12.0 9.6 14.4

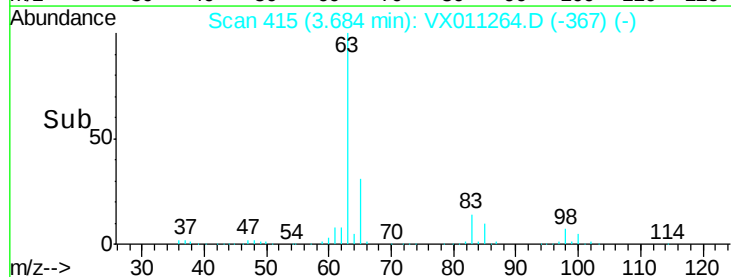
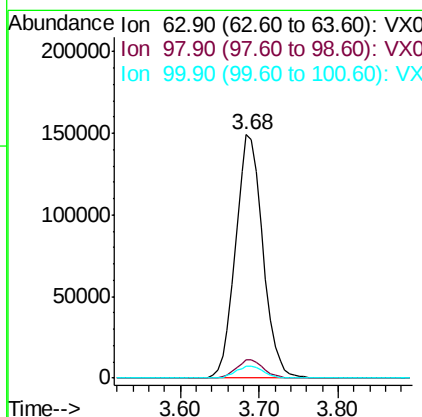
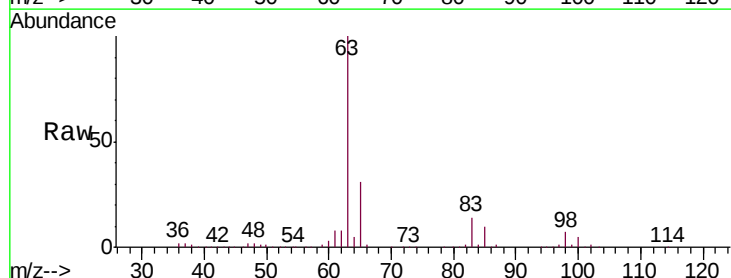
Manual Integrations
 APPROVED

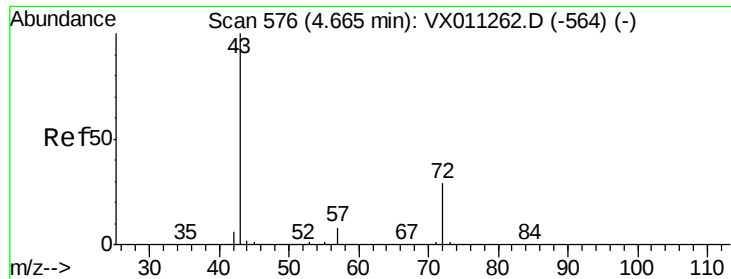
MMDadoda
 8/2/2019 9:07:14 AM



#24
 1,1-Dichloroethane
 Concen: 143.007 ug/l
 RT: 3.68 min Scan# 415
 Delta R.T. -0.01 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion: 63 Resp: 358852
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.9 11.5
 100 4.8 2.7 8.1





#25

2-Butanone

Concen: 735.645 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 801872

Ion Ratio Lower Upper

43 100

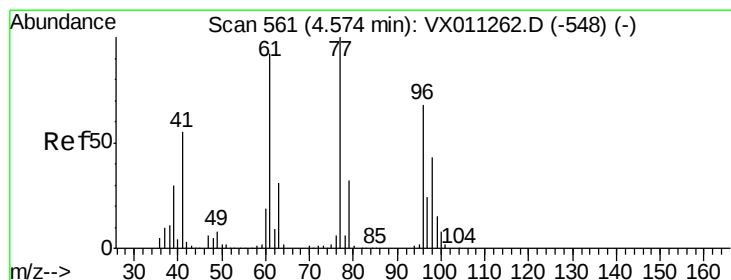
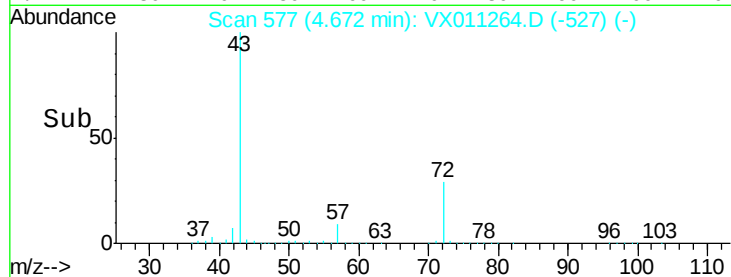
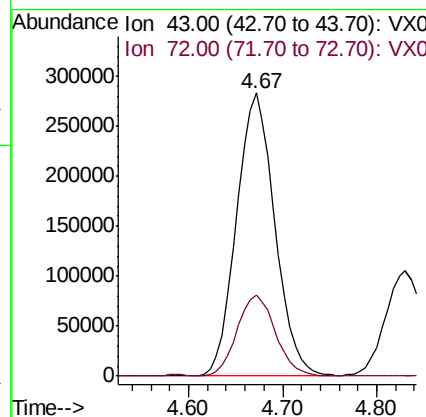
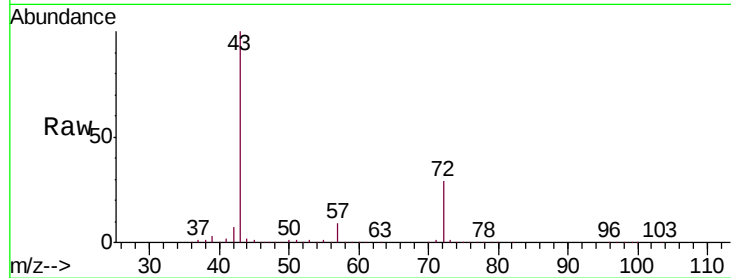
72 28.7 23.2 34.8

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:07:14 AM



#26

2,2-Dichloropropane

Concen: 147.614 ug/l

RT: 4.57 min Scan# 561

Delta R.T. 0.00 min

Lab File: VX011264.D

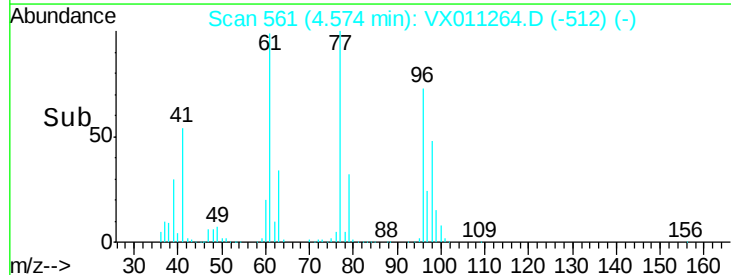
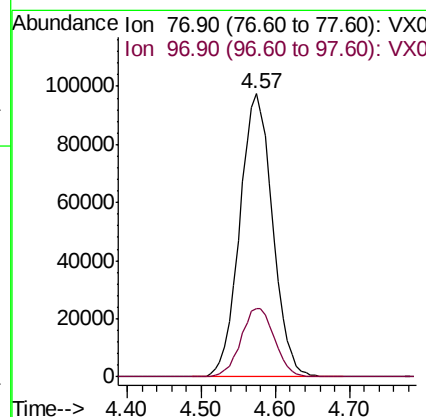
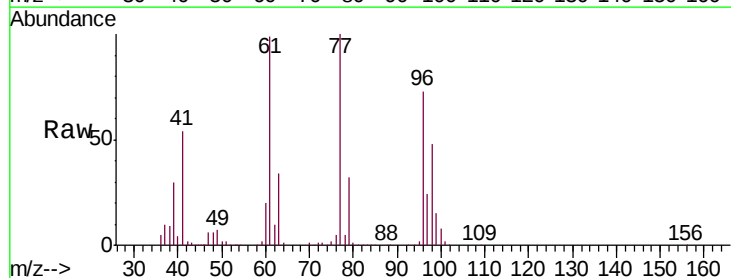
Acq: 01 Aug 2019 17:00

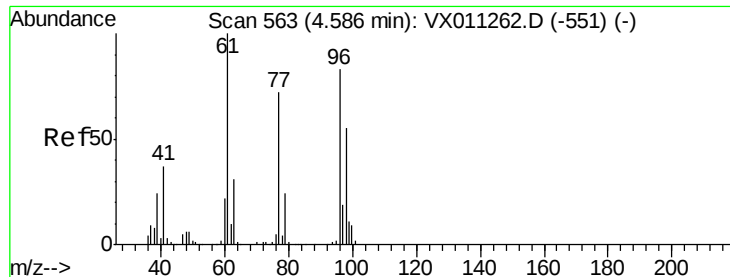
Tgt Ion: 77 Resp: 301939

Ion Ratio Lower Upper

77 100

97 24.9 12.8 38.4





#27

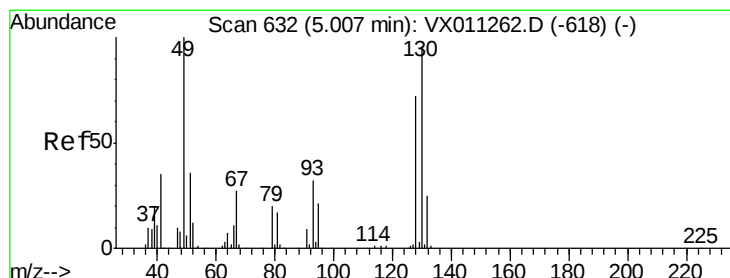
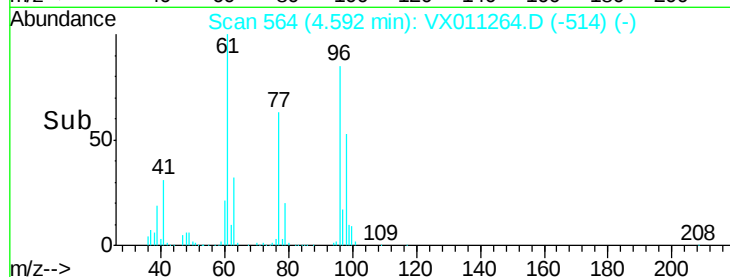
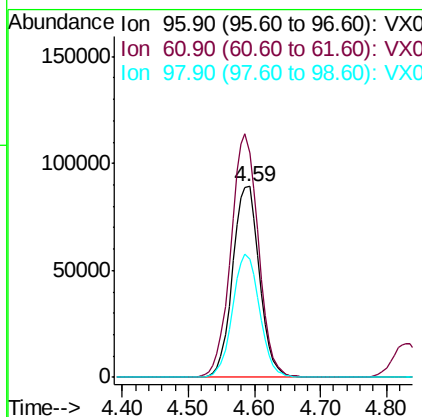
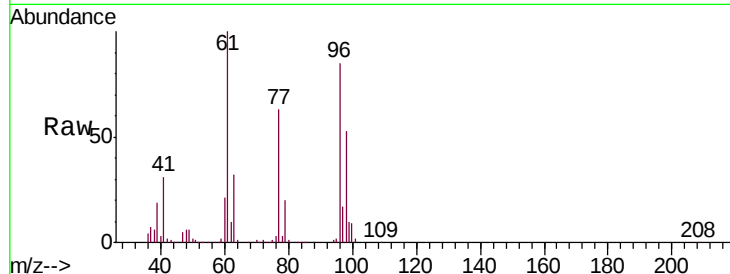
cis-1,2-Dichloroethene
 Concen: 145.463 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.01 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	252260		
61	130.0	0.0	260.2	
98	65.0	0.0	133.2	

Manual Integrations
 APPROVED

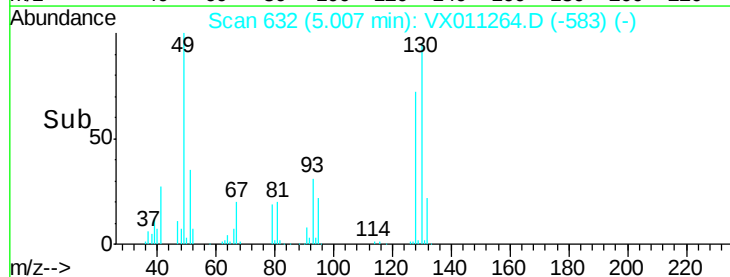
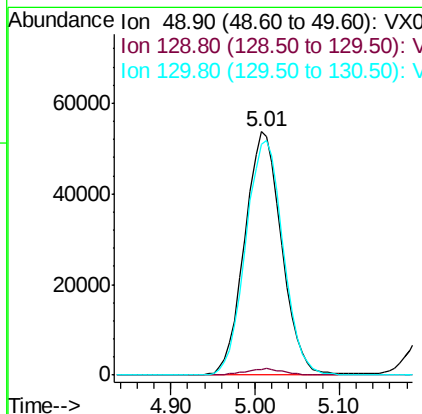
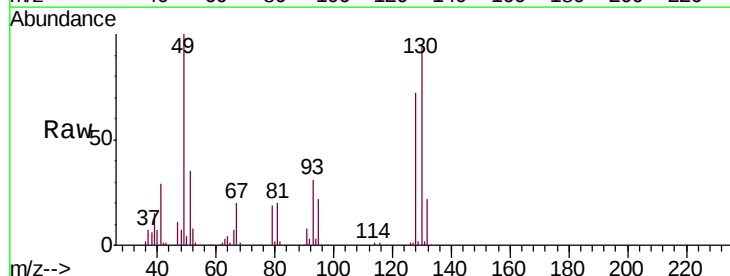
MMDadoda
 8/2/2019 9:07:14 AM

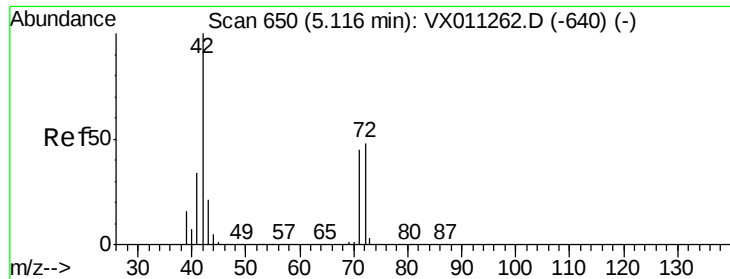


#28

Bromochloromethane
 Concen: 137.031 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	160260		
129	2.7	0.0	5.8	
130	97.8	77.9	116.9	





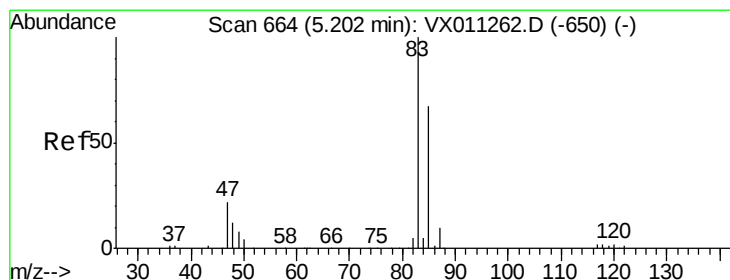
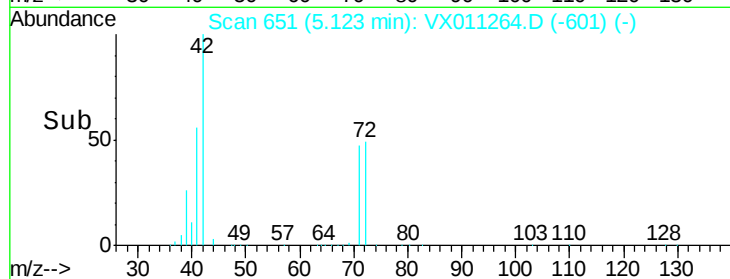
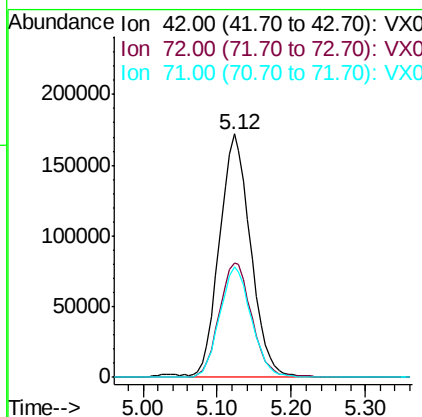
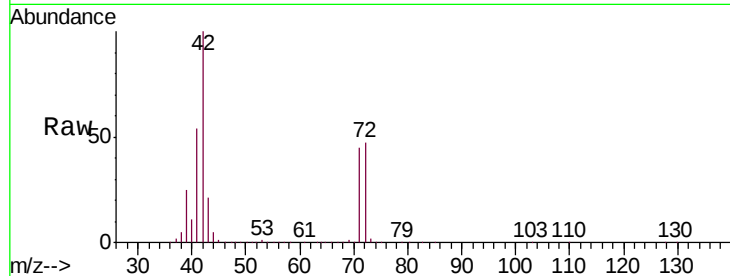
#29
Tetrahydrofuran
Concen: 724.794 ug/l
RT: 5.12 min Scan# 651
Delta R.T. 0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.3	39.9	59.9
71	46.3	36.9	55.3

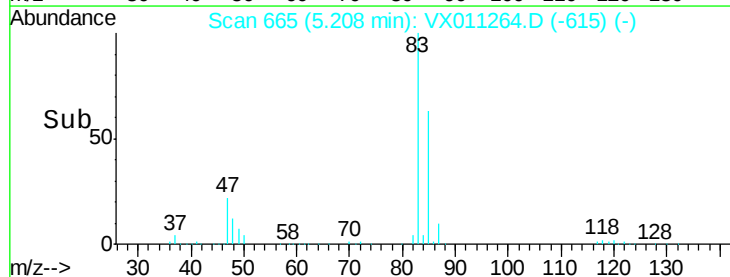
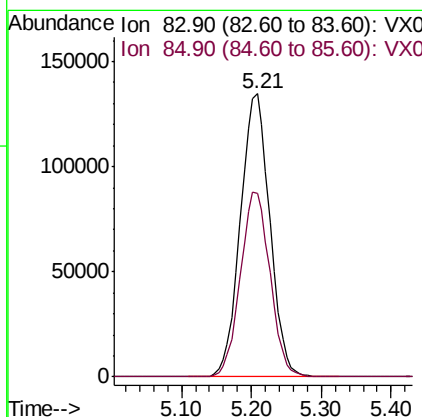
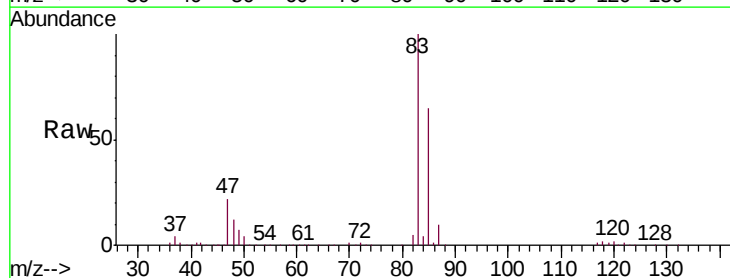
Manual Integrations
APPROVED

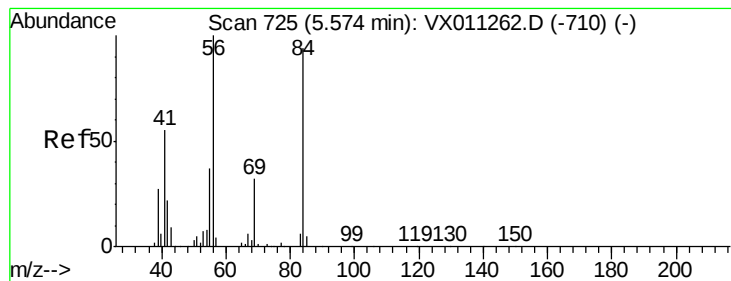
MMDadoda
8/2/2019 9:07:14 AM



#30
Chloroform
Concen: 144.962 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.4	80.0





#31

Cyclohexane

Concen: 133.202 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

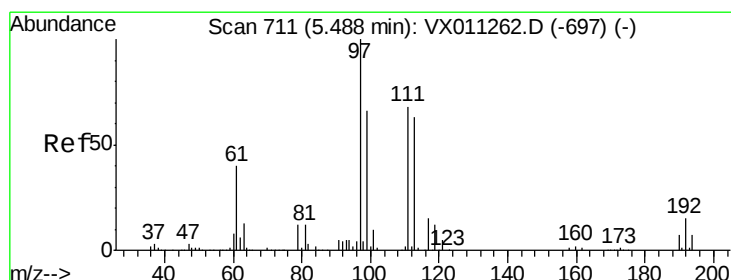
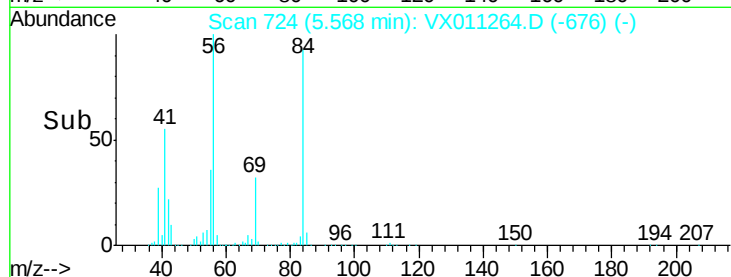
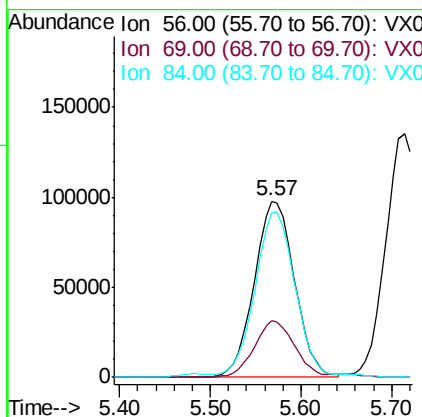
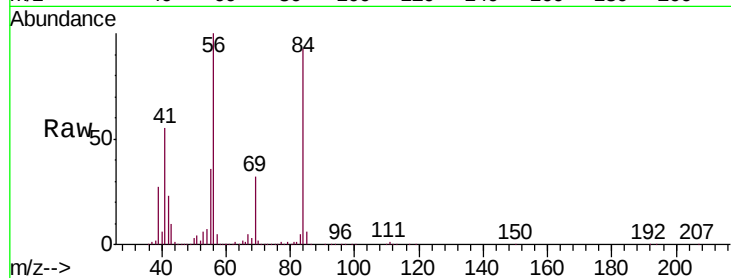
ClientSampleId :

VSTDIC150

Tgt Ion:	56	Resp:	299667
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.5	38.3
84	91.8	75.0	112.4

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#32

1,1,1-Trichloroethane

Concen: 152.263 ug/l

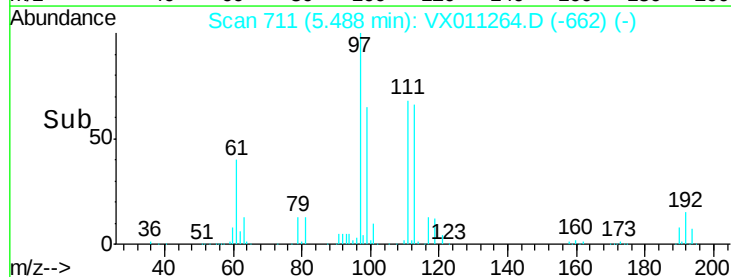
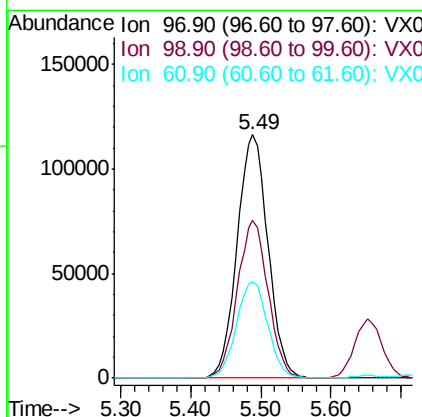
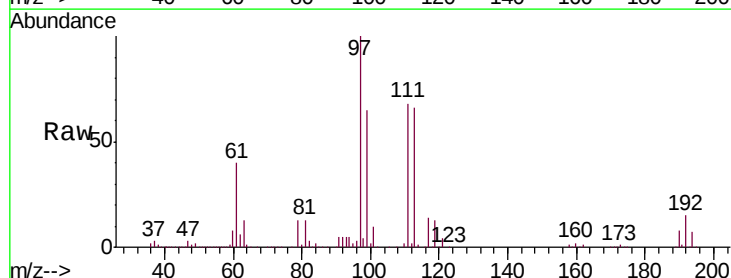
RT: 5.49 min Scan# 711

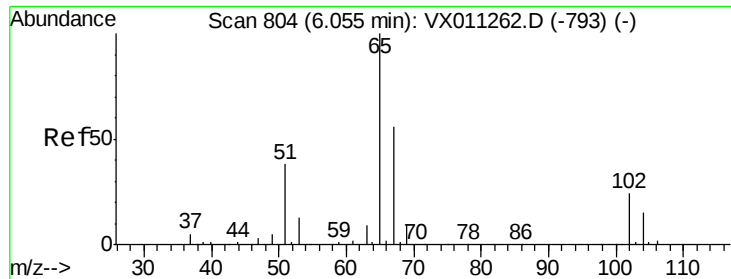
Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion:	97	Resp:	356455
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	40.6	32.3	48.5





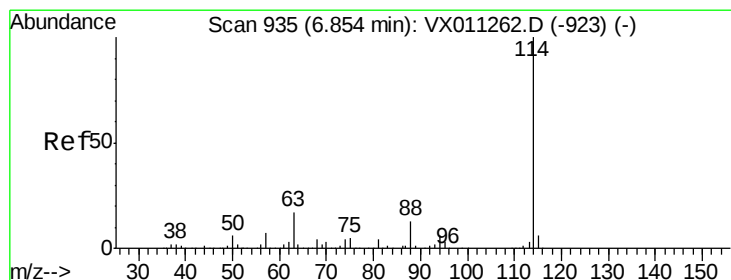
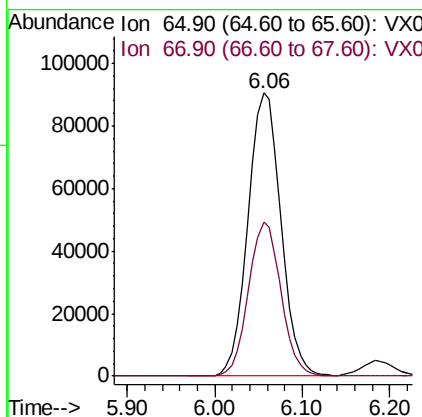
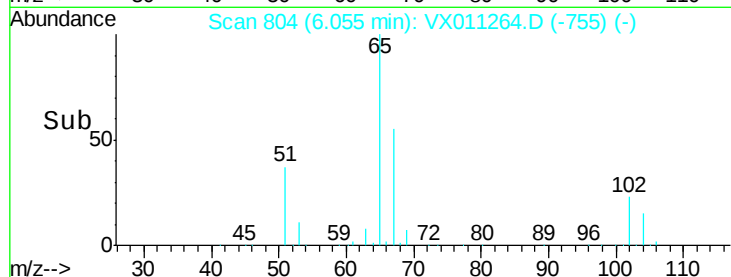
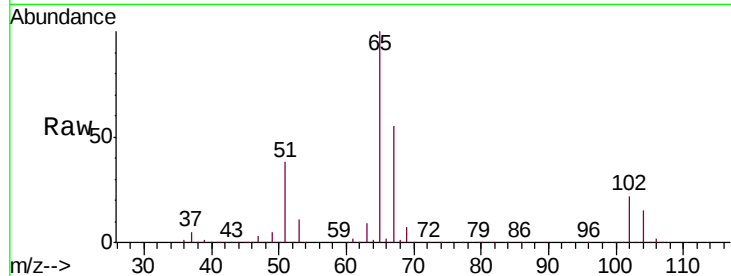
#33
 1,2-Dichloroethane-d4
 Concen: 144.104 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion: 65 Resp: 238394
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 110.6

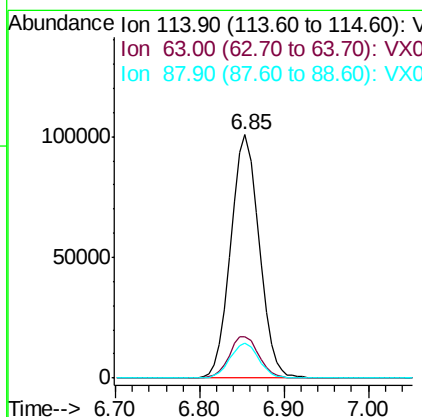
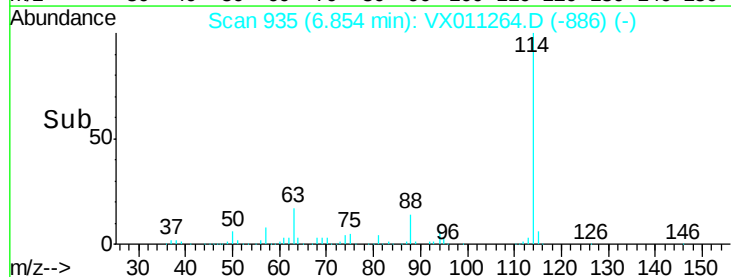
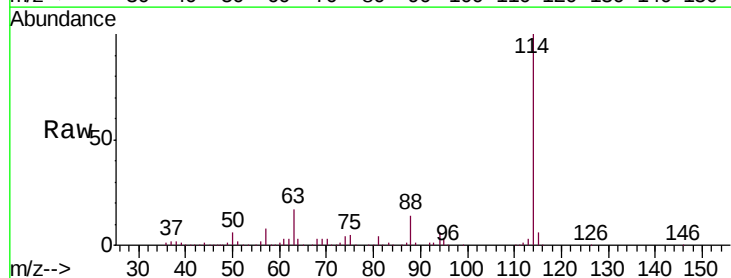
Manual Integrations
 APPROVED

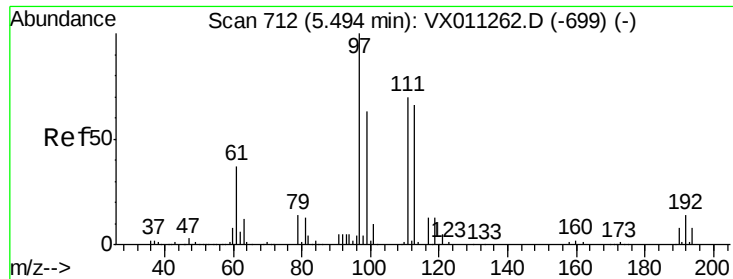
MMDadoda
 8/2/2019 9:07:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion: 114 Resp: 230510
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.0
 88 14.2 0.0 26.4





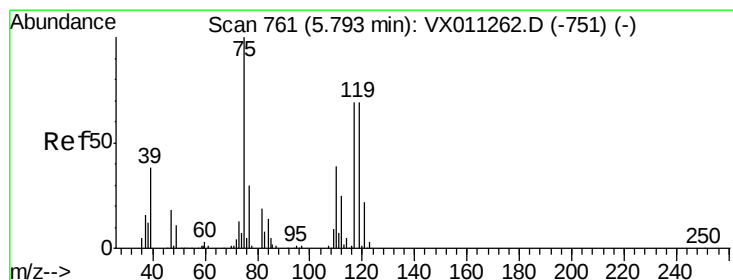
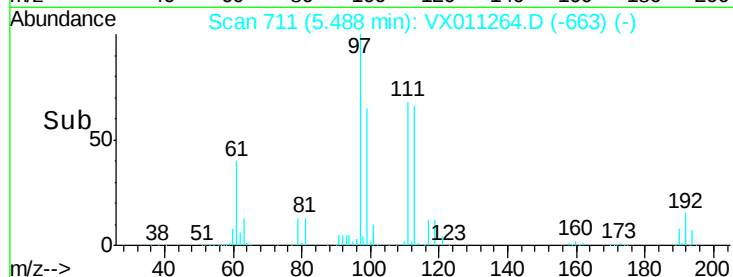
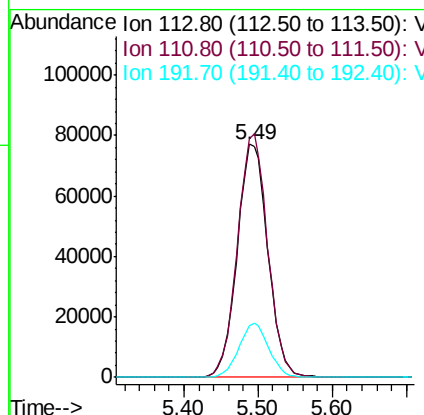
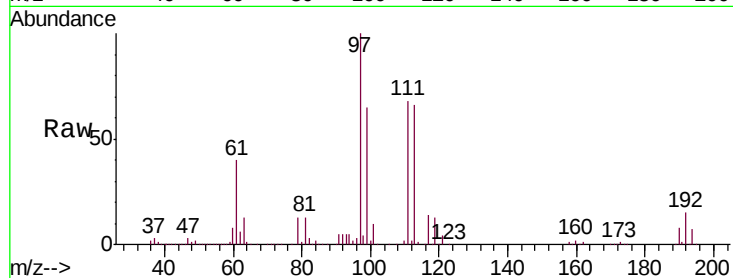
#35
 Dibromofluoromethane
 Concen: 152.029 ug/l
 RT: 5.49 min Scan# 711
 Delta R.T. -0.01 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	222568		
111	102.9	81.9	122.9	
192	22.6	17.8	26.8	

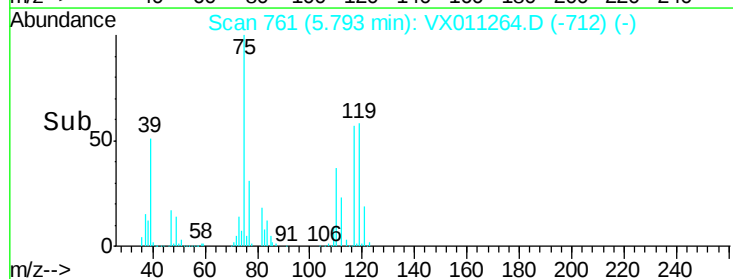
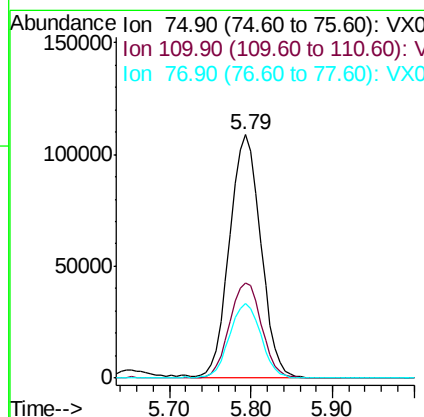
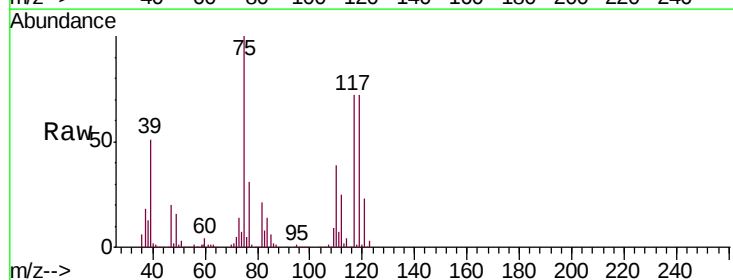
Manual Integrations
 APPROVED

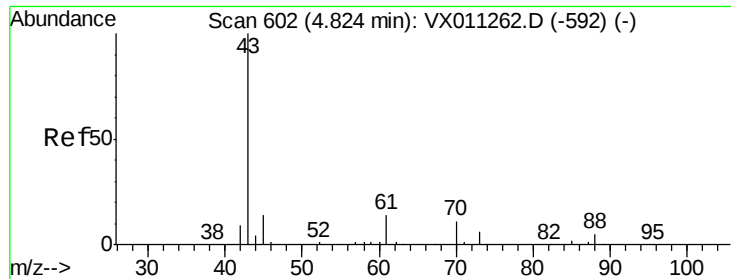
MMDadoda
 8/2/2019 9:07:14 AM



#36
 1,1-Dichloropropene
 Concen: 150.764 ug/l
 RT: 5.79 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	288633		
110	40.2	20.0	59.9	
77	30.7	24.8	37.2	





#37

Ethyl Acetate

Concen: 157.237 ug/l

RT: 4.83 min Scan# 603

Delta R.T. 0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

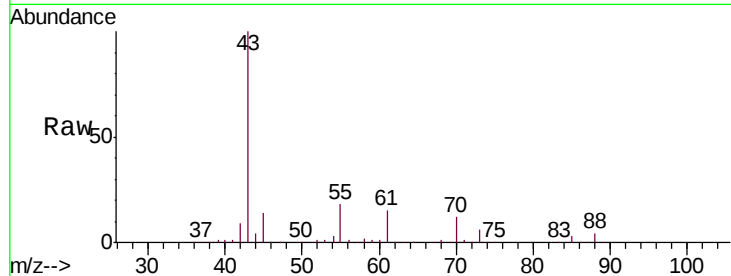
ClientSampleId :

VSTDIC150

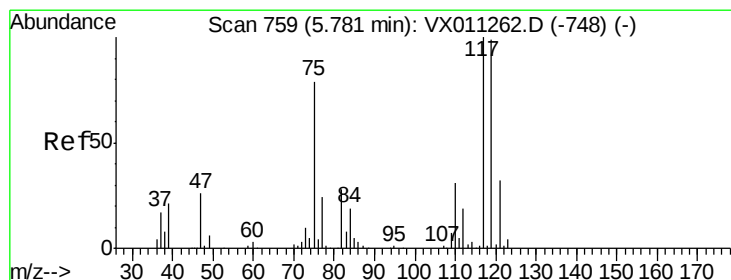
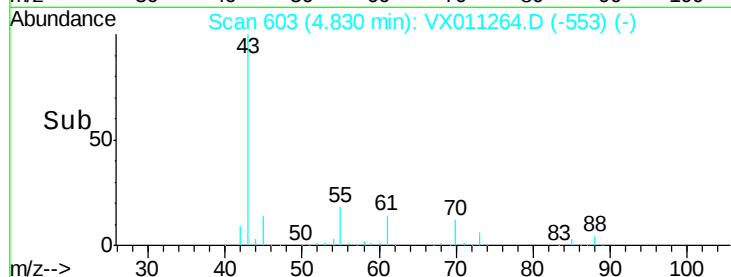
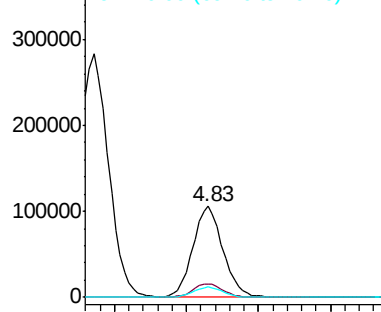
Tgt Ion:	43	Resp:	305426
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.6	18.8
70	11.3	9.1	13.7

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



Abundance Ion 43.00 (42.70 to 43.70): VX011262.D (-592) (-)



#38

Carbon Tetrachloride

Concen: 160.824 ug/l

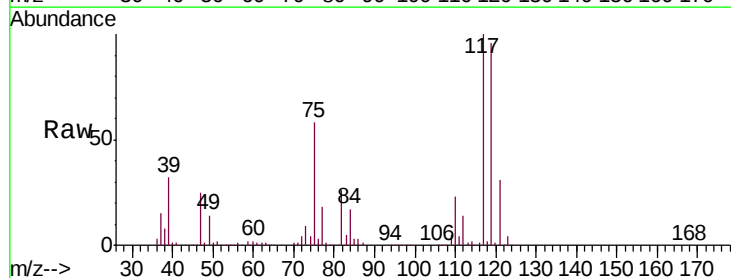
RT: 5.77 min Scan# 758

Delta R.T. -0.01 min

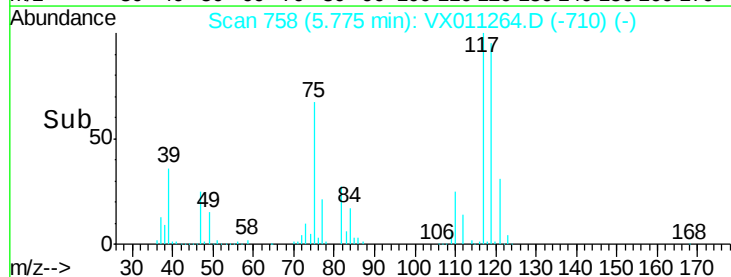
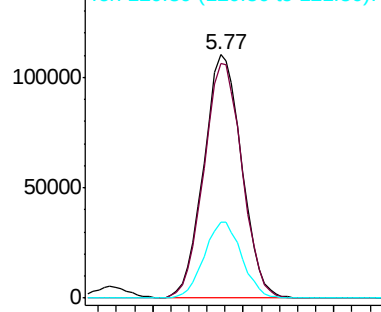
Lab File: VX011264.D

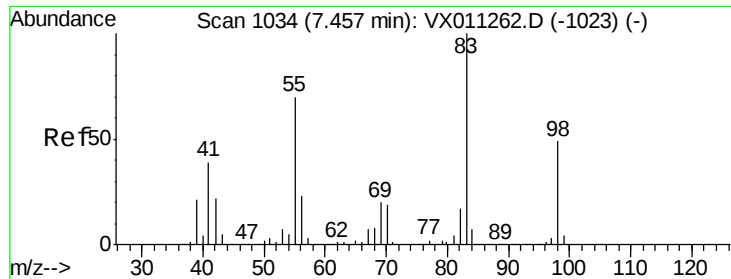
Acq: 01 Aug 2019 17:00

Tgt Ion:	117	Resp:	320259
Ion	Ratio	Lower	Upper
117	100		
119	96.2	79.0	118.4
121	31.3	25.9	38.9



Abundance Ion 116.80 (116.50 to 117.50): VX011262.D (-748) (-)





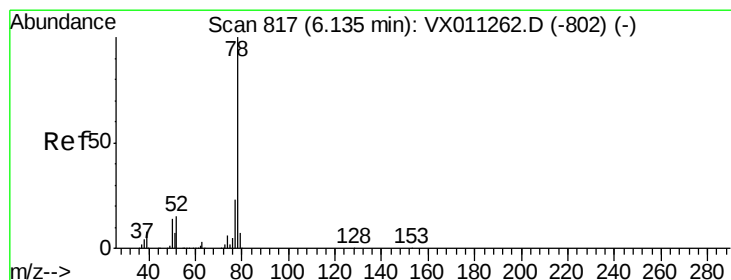
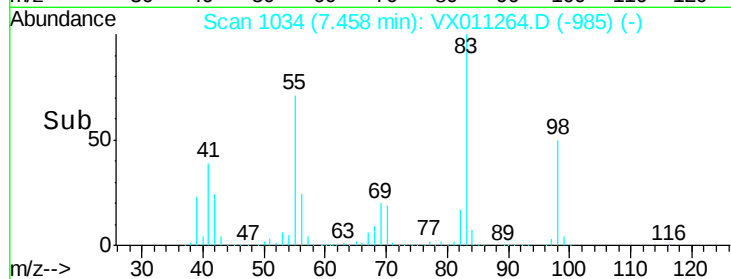
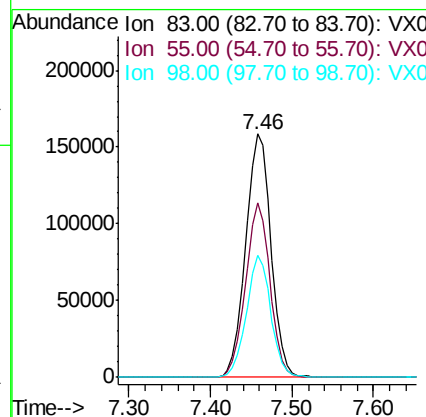
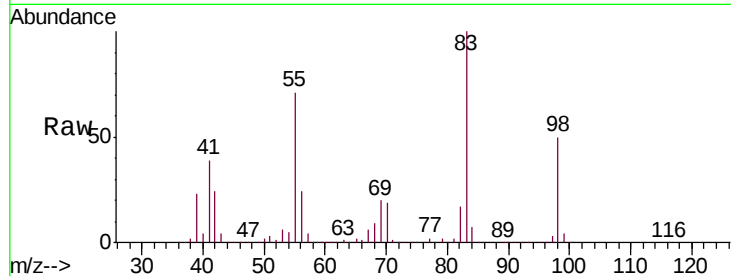
#39
Methylcyclohexane
Concen: 139.549 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	341111		
55	71.5	56.1	84.1	
98	49.9	39.0	58.4	

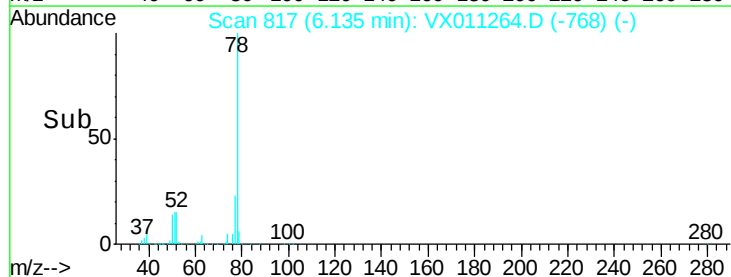
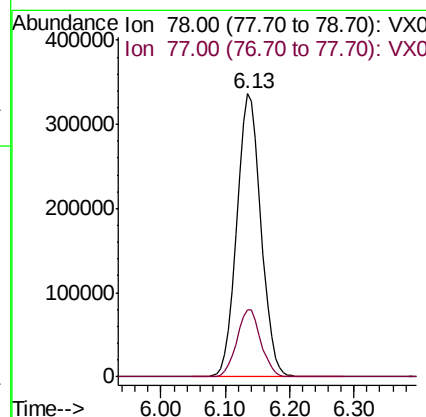
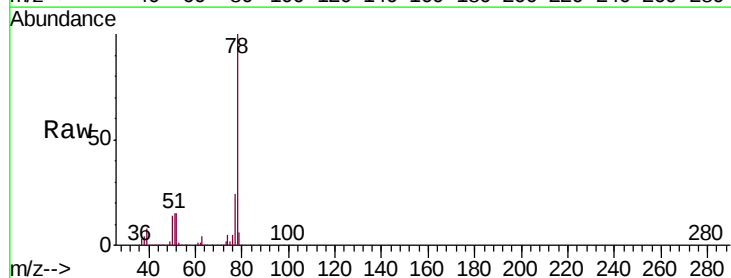
Manual Integrations
APPROVED

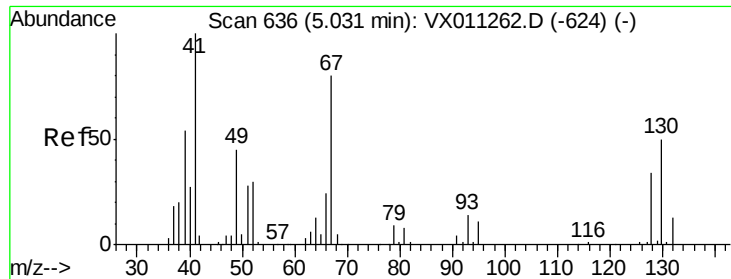
MMDadoda
8/2/2019 9:07:14 AM



#40
Benzene
Concen: 149.708 ug/l
RT: 6.13 min Scan# 817
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	877862		
77	23.9	18.2	27.2	





#41

Methacrylonitrile

Concen: 149.682 ug/l

RT: 5.04 min Scan# 637

Delta R.T. 0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

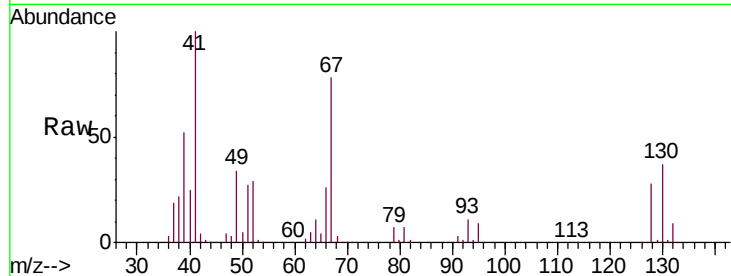
ClientSampleId :

VSTDIC150

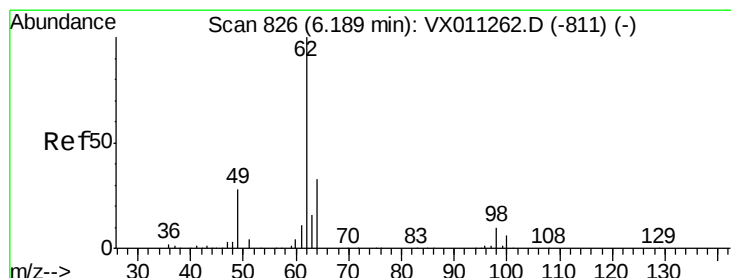
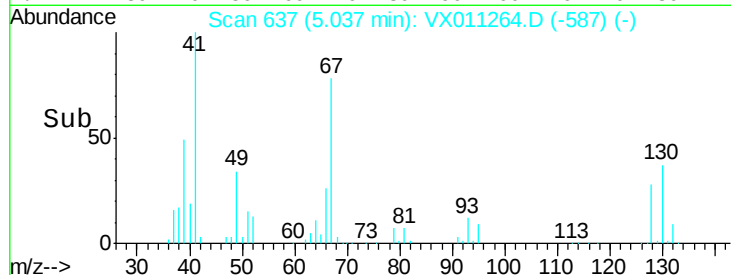
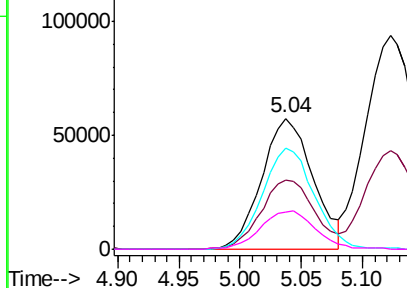
Tgt Ion:	41	Resp:	166903
Ion Ratio	Lower	Upper	
41	100		
39	54.7	43.0	64.6
67	79.0	65.1	97.7
52	30.9	24.8	37.2

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 146.725 ug/l

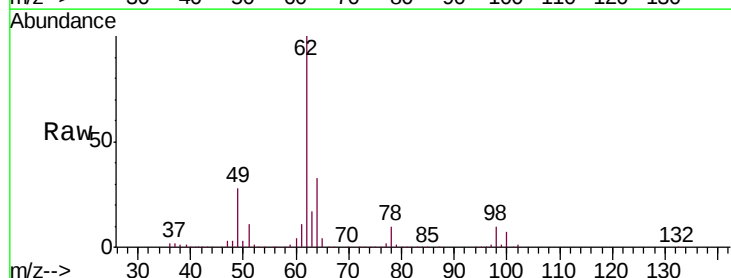
RT: 6.18 min Scan# 825

Delta R.T. -0.01 min

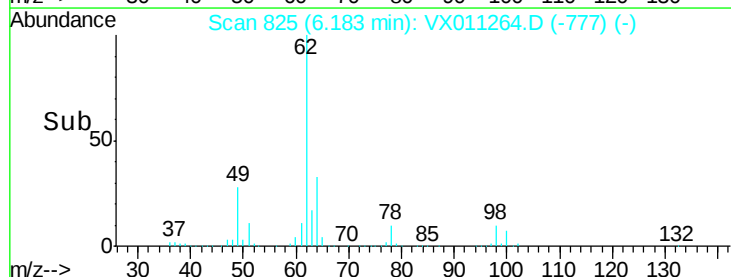
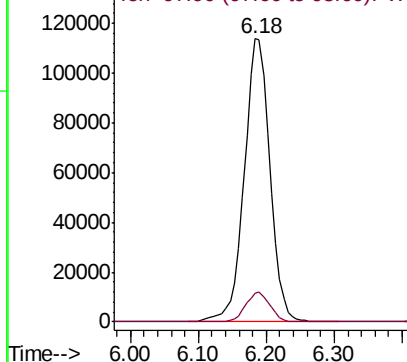
Lab File: VX011264.D

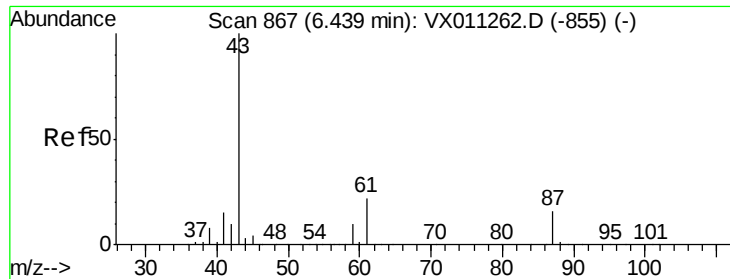
Acq: 01 Aug 2019 17:00

Tgt Ion:	62	Resp:	297692
Ion Ratio	Lower	Upper	
62	100		
98	10.1	0.0	20.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 157.023 ug/l

RT: 6.44 min Scan# 867

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

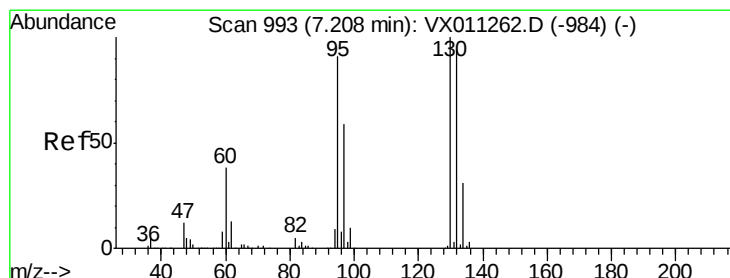
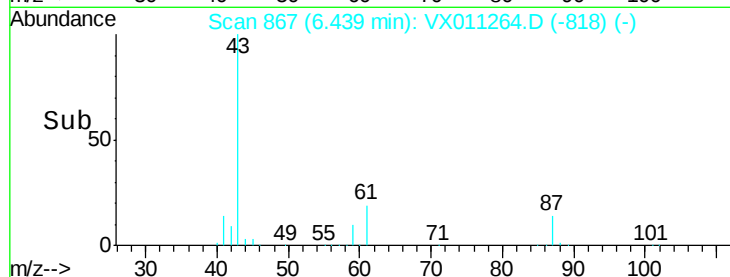
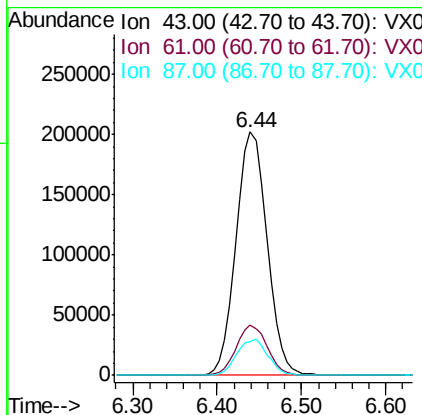
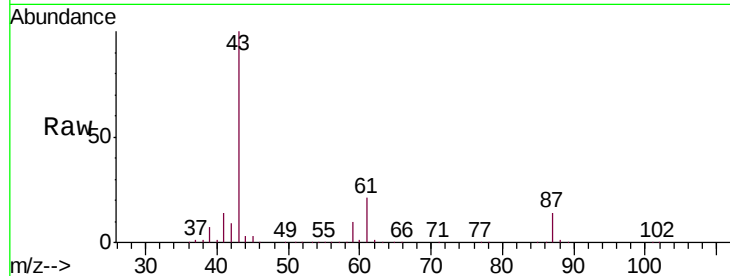
ClientSampled :

VSTDIC150

Tgt Ion:	43	Resp:	502671
Ion	Ratio	Lower	Upper
43	100		
61	20.7	16.5	24.7
87	14.9	12.1	18.1

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#44

Trichloroethene

Concen: 148.981 ug/l

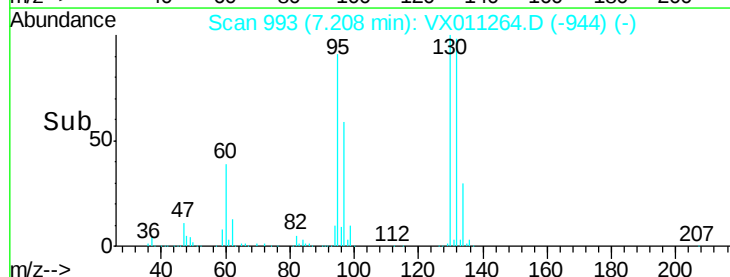
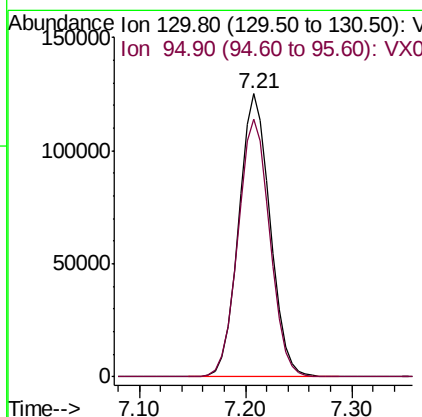
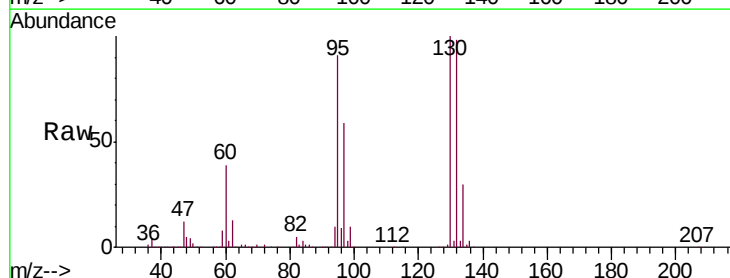
RT: 7.21 min Scan# 993

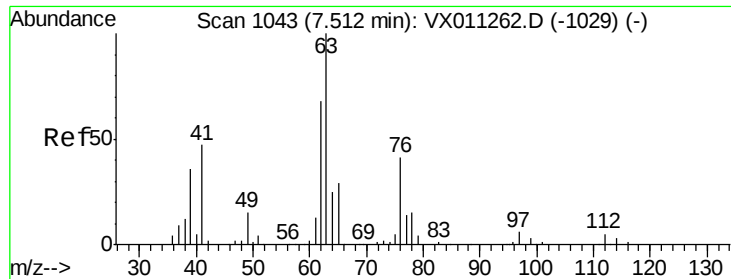
Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion:	130	Resp:	258948
Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	182.6





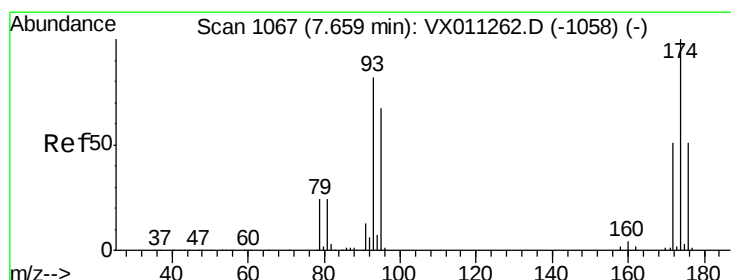
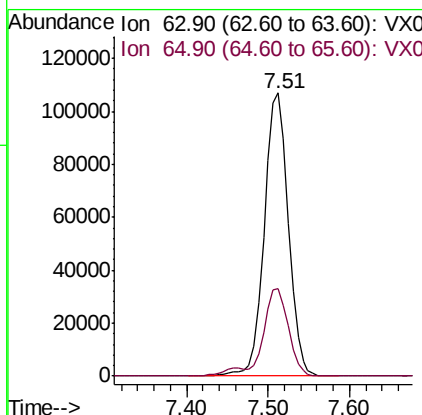
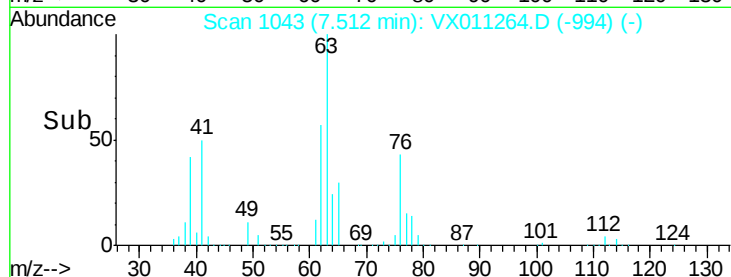
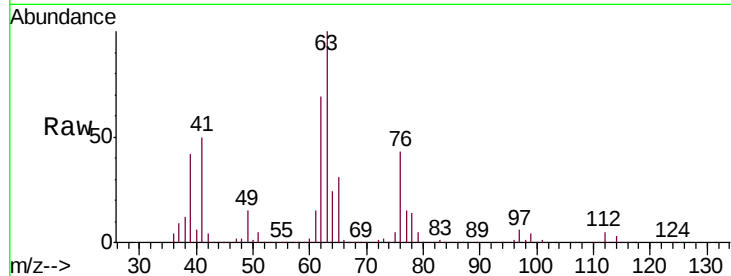
#45
 1,2-Dichloropropane
 Concen: 147.209 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion: 63 Resp: 219659
 Ion Ratio Lower Upper
 63 100
 65 30.9 23.3 34.9

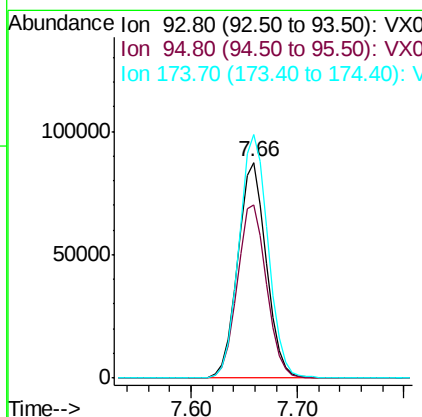
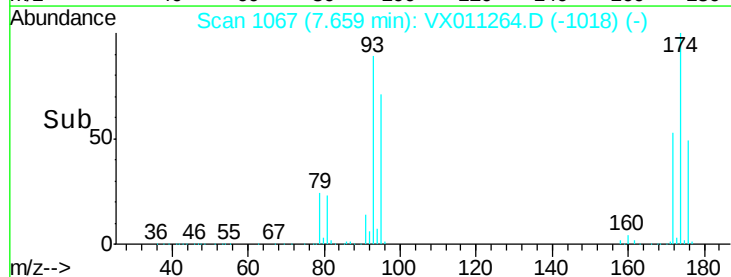
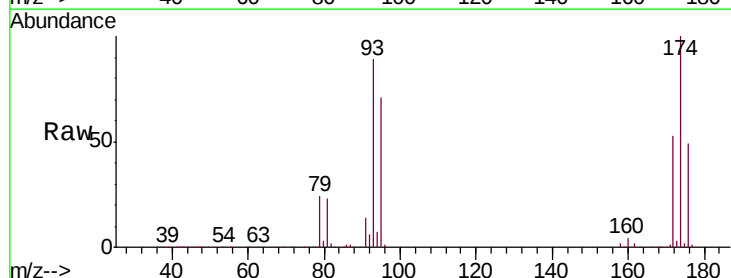
Manual Integrations
 APPROVED

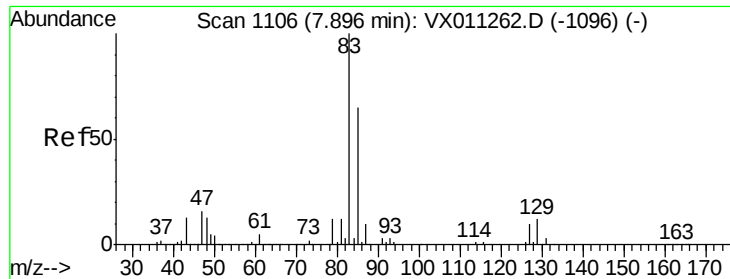
MMDadoda
 8/2/2019 9:07:14 AM



#46
 Dibromomethane
 Concen: 154.527 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion: 93 Resp: 164648
 Ion Ratio Lower Upper
 93 100
 95 82.5 66.4 99.6
 174 115.2 93.4 140.2





#47

Bromodichloromethane

Concen: 164.175 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

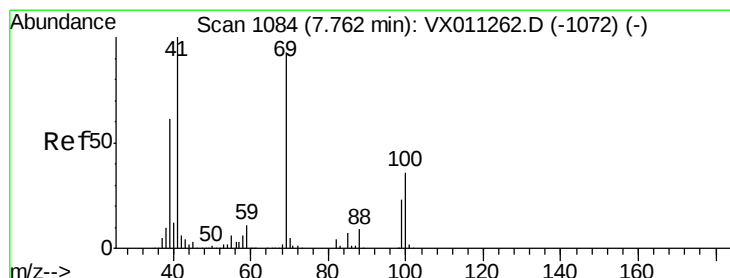
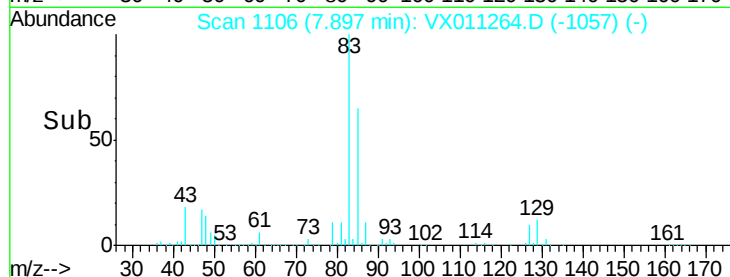
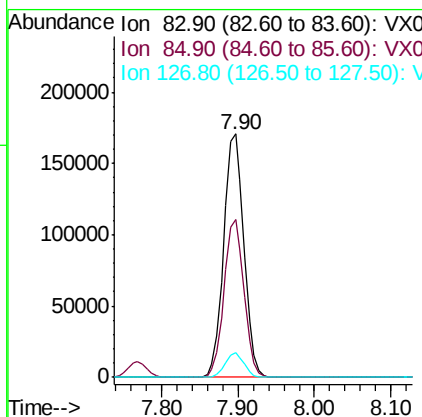
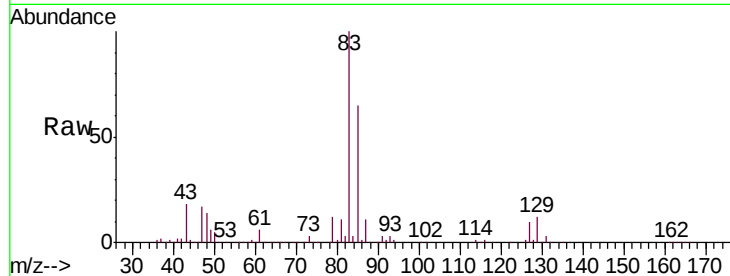
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	310287
Ion	Ratio	Lower	Upper
83	100		
85	64.9	52.2	78.2
127	10.0	7.8	11.8

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#48

Methyl methacrylate

Concen: 159.504 ug/l

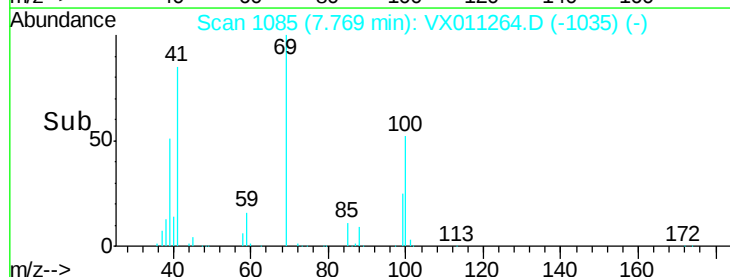
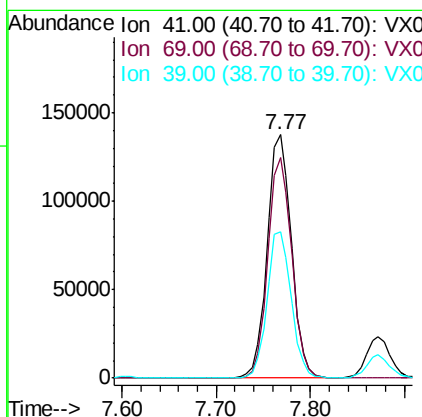
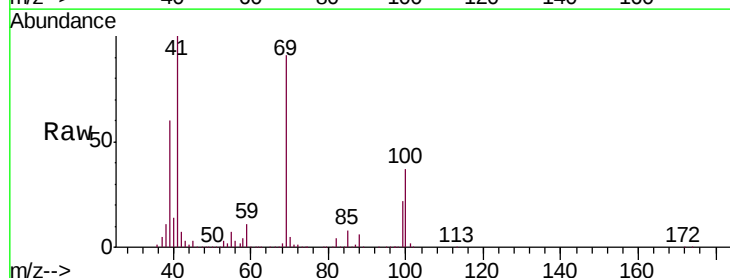
RT: 7.77 min Scan# 1085

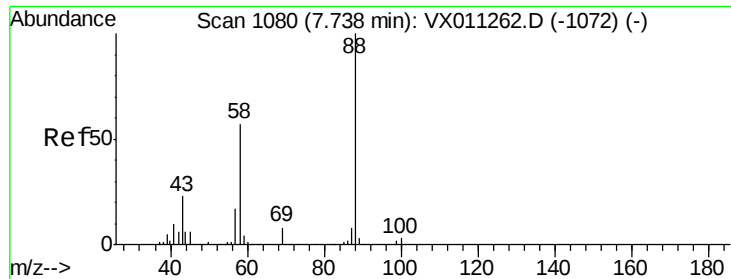
Delta R.T. 0.01 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion:	41	Resp:	248387
Ion	Ratio	Lower	Upper
41	100		
69	90.0	74.5	111.7
39	59.8	48.6	72.8





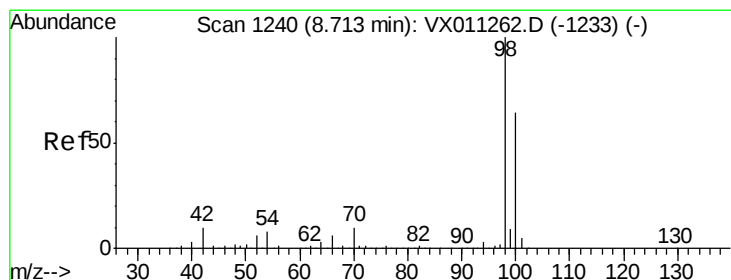
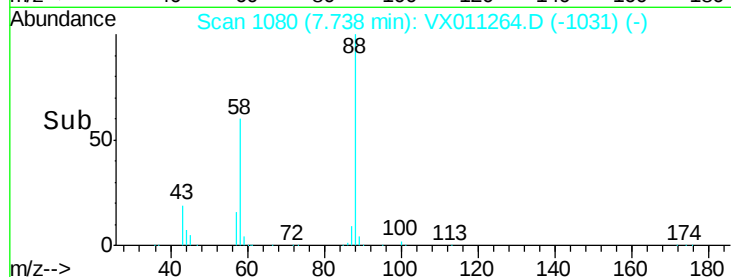
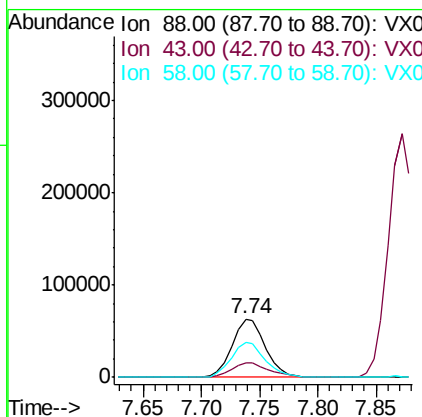
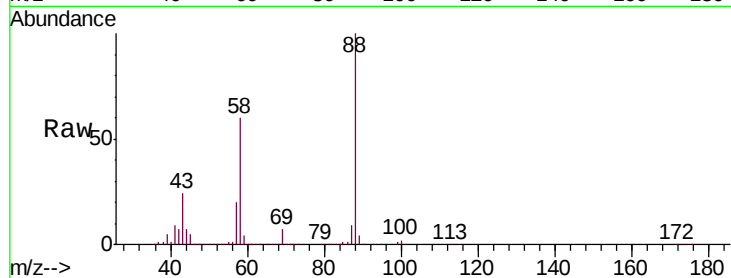
#49
1,4-Dioxane
Concen: 2860.451 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.9	22.2	33.2
58	61.1	47.8	71.8

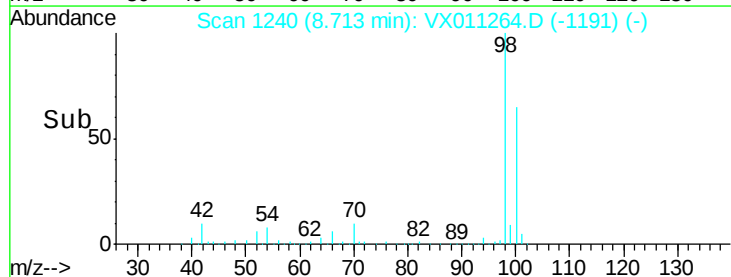
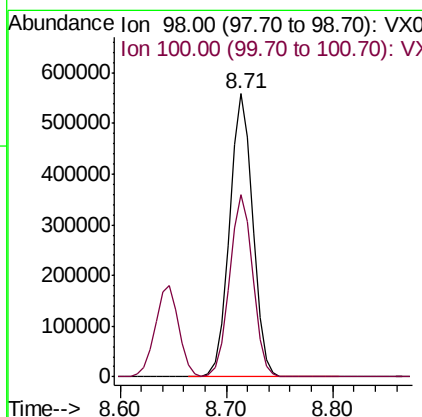
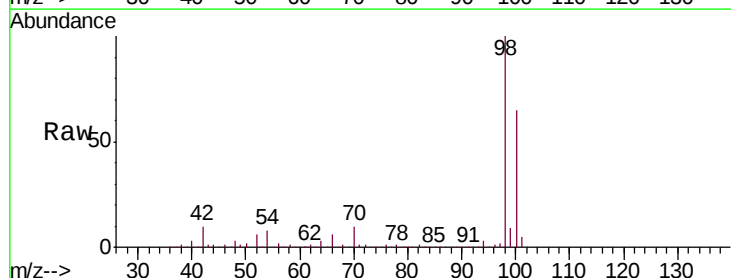
Manual Integrations
APPROVED

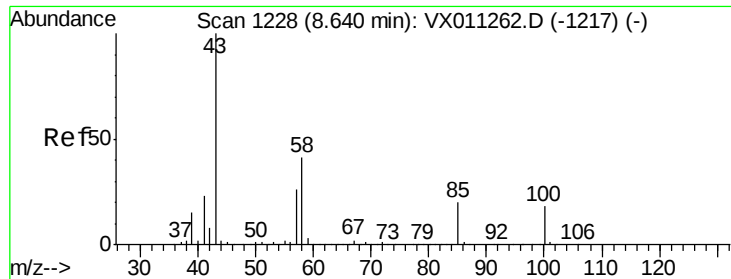
MMDadoda
8/2/2019 9:07:14 AM



#50
Toluene-d8
Concen: 155.981 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.7	77.5





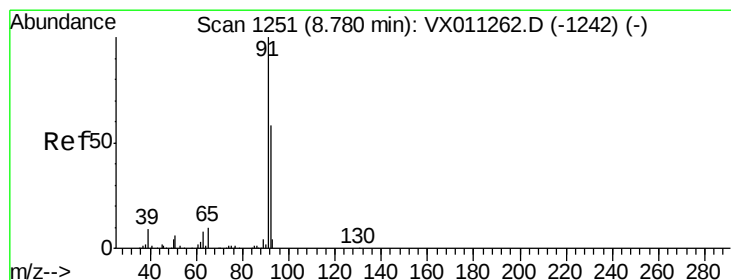
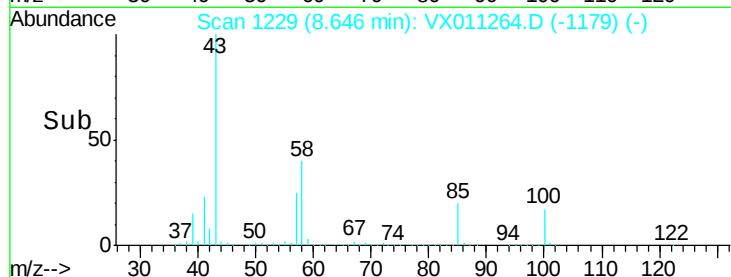
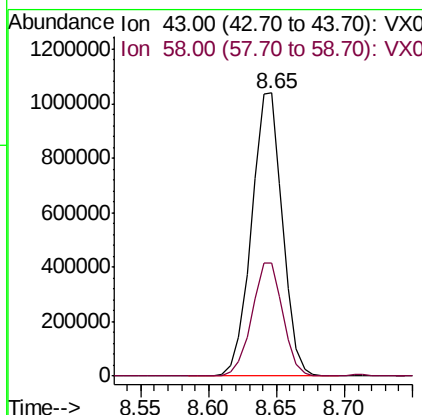
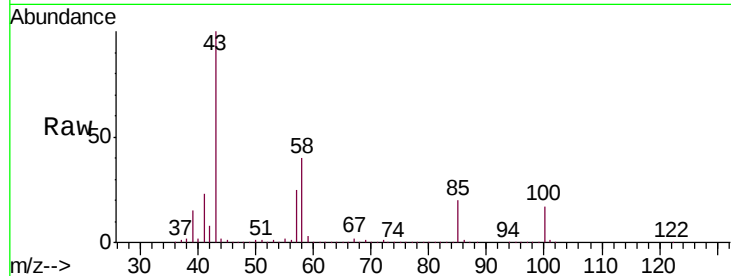
#51
 4-Methyl-2-Pentanone
 Concen: 794.608 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. 0.01 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion: 43 Resp: 1654481
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.3 48.5

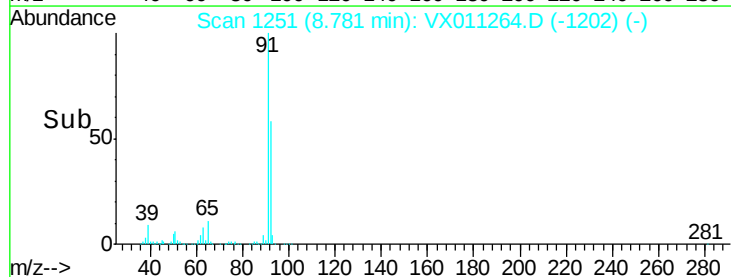
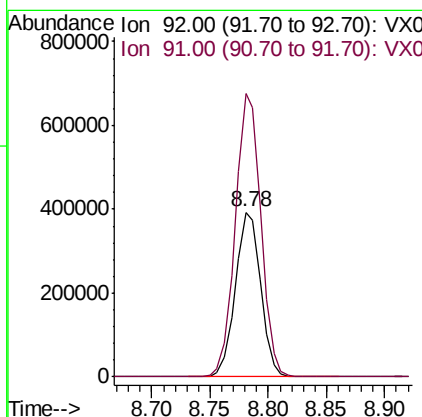
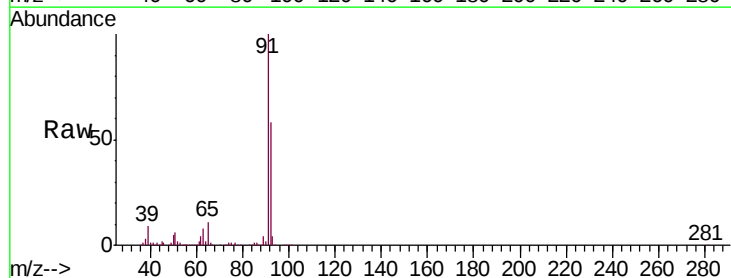
Manual Integrations
 APPROVED

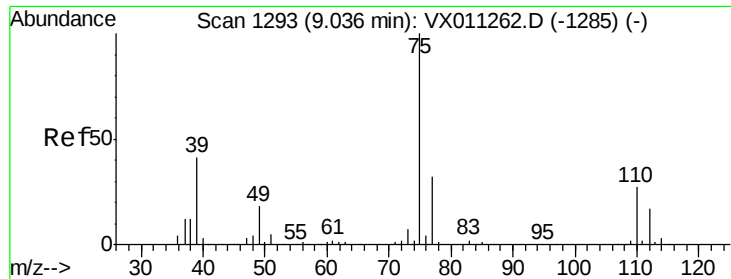
MMDadoda
 8/2/2019 9:07:14 AM



#52
 Toluene
 Concen: 154.615 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion: 92 Resp: 596058
 Ion Ratio Lower Upper
 92 100
 91 173.5 139.4 209.0





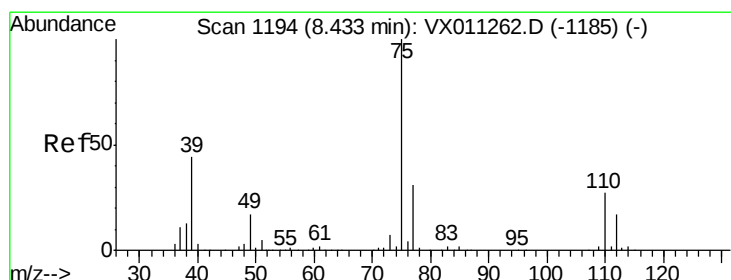
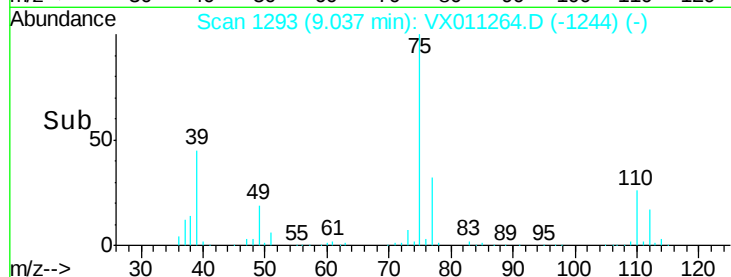
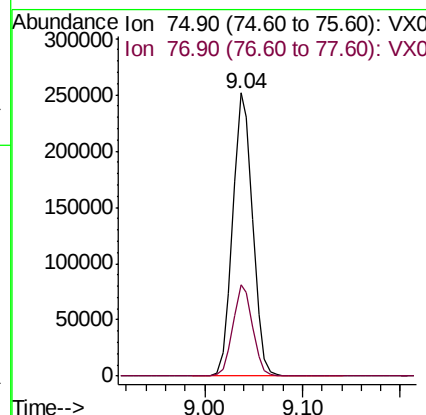
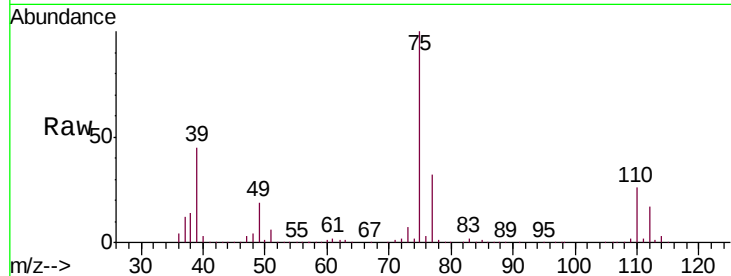
#53
t-1,3-Dichloropropene
Concen: 175.296 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion: 75 Resp: 355325
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.0

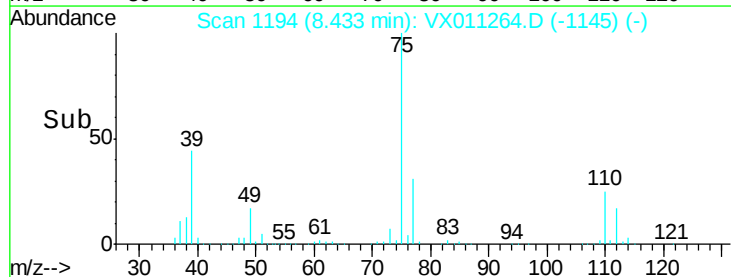
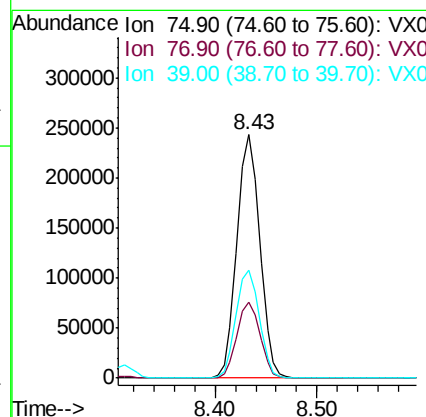
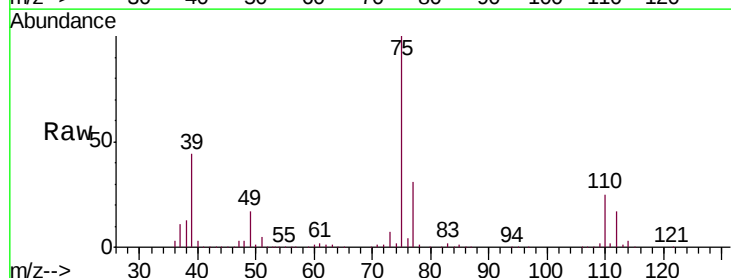
Manual Integrations
APPROVED

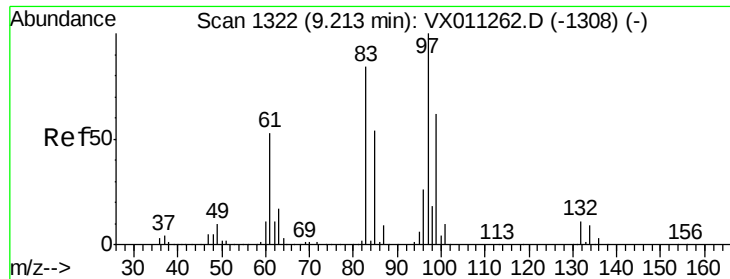
MMDadoda
8/2/2019 9:07:14 AM



#54
cis-1,3-Dichloropropene
Concen: 166.897 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 75 Resp: 377233
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.6
39 44.3 35.3 52.9





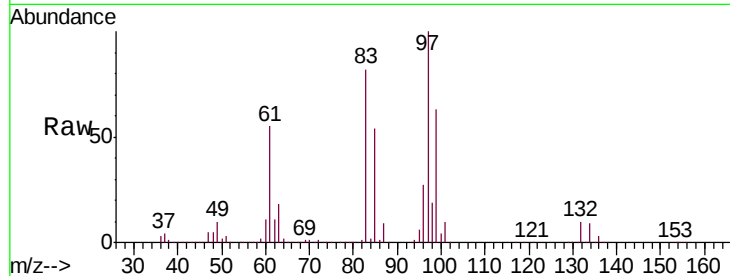
#55
 1,1,2-Trichloroethane
 Concen: 157.887 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	250682		
83	82.4	67.6	101.4	
85	54.0	43.4	65.0	
99	62.9	49.6	74.4	

Manual Integrations
 APPROVED

MMDadoda
 8/2/2019 9:07:14 AM



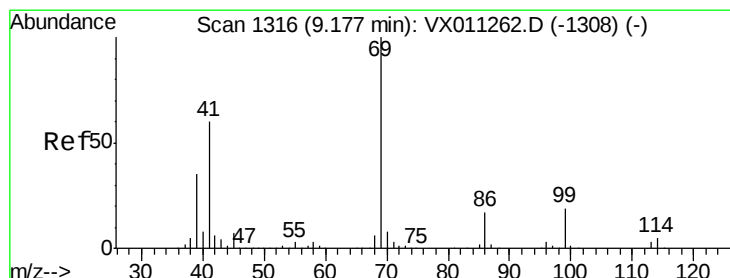
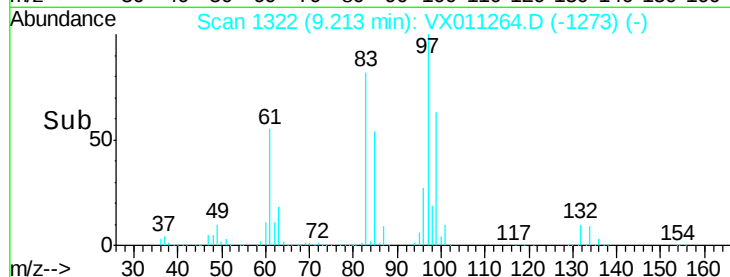
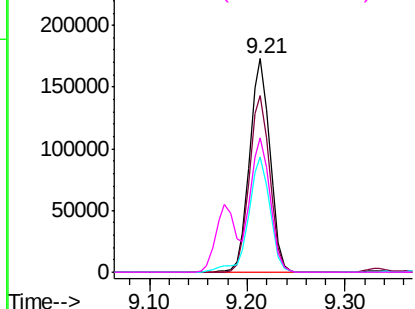
Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

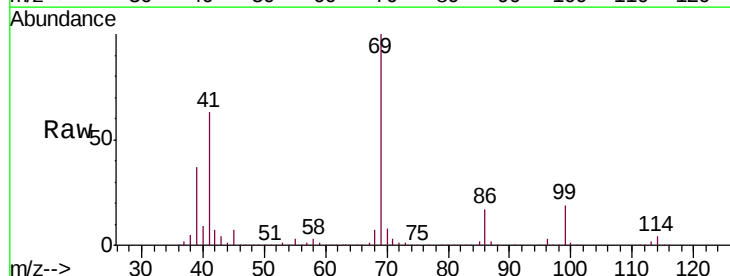
Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56
 Ethyl methacrylate
 Concen: 167.461 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	385982		
41	63.0	48.6	73.0	
39	37.2	29.4	44.2	

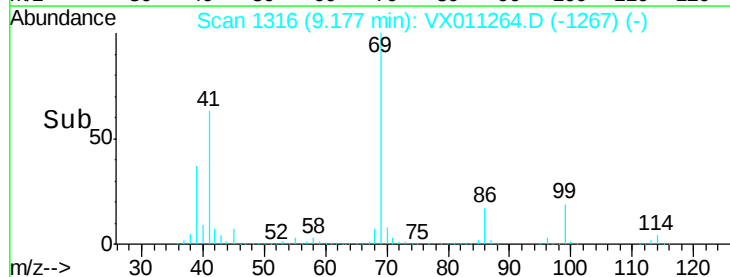
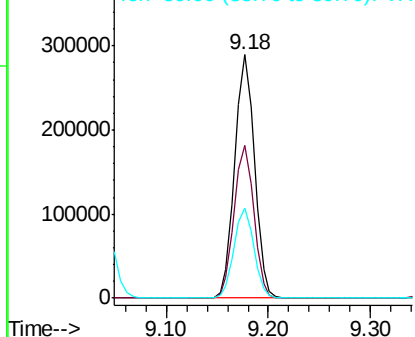


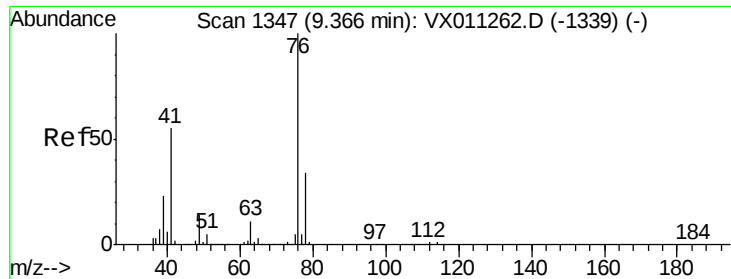
Abundance

Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 153.468 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 385134

Ion Ratio Lower Upper

76 100

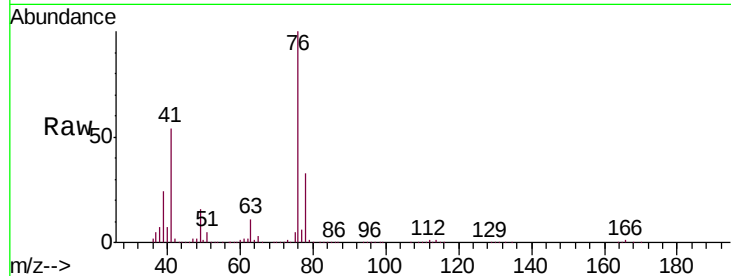
78 32.6 26.6 40.0

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:07:14 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

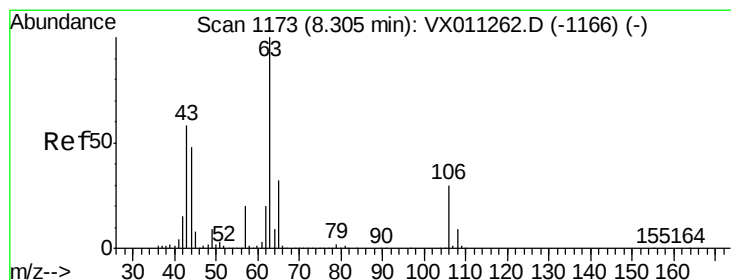
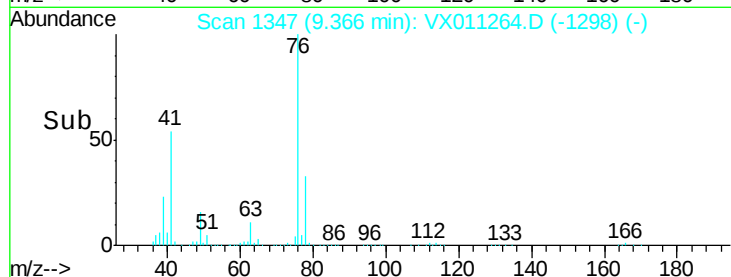
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 808.173 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.01 min

Lab File: VX011264.D

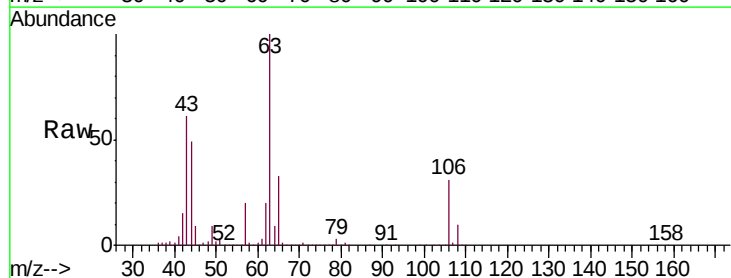
Acq: 01 Aug 2019 17:00

Tgt Ion: 63 Resp: 892663

Ion Ratio Lower Upper

63 100

106 30.6 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

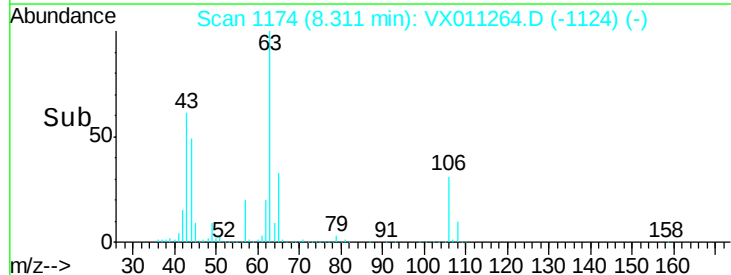
600000

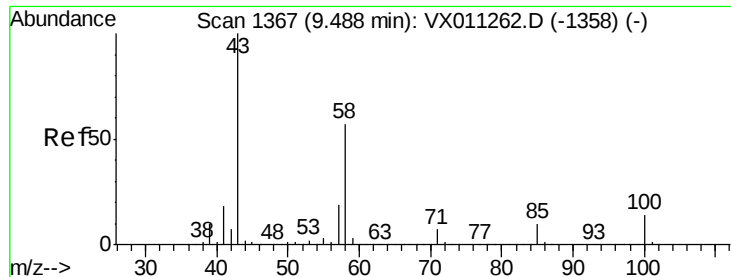
400000

200000

0

Time-->





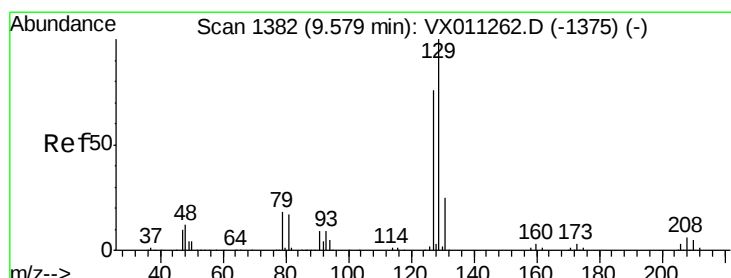
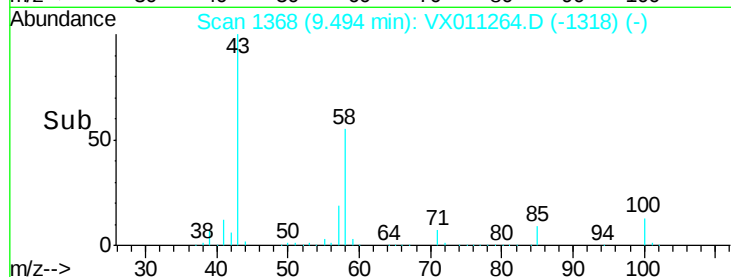
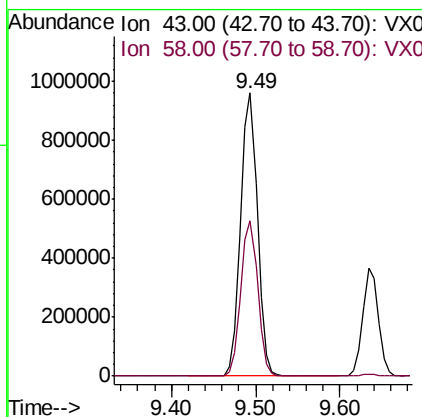
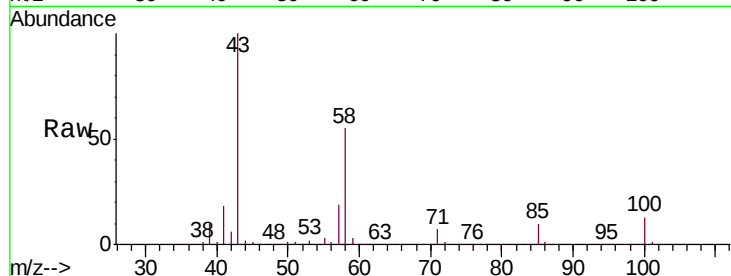
#59
2-Hexanone
Concen: 787.987 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion: 43 Resp: 1272538
Ion Ratio Lower Upper
43 100
58 55.4 28.2 84.6

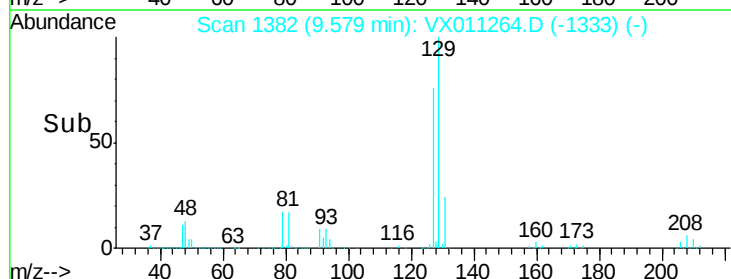
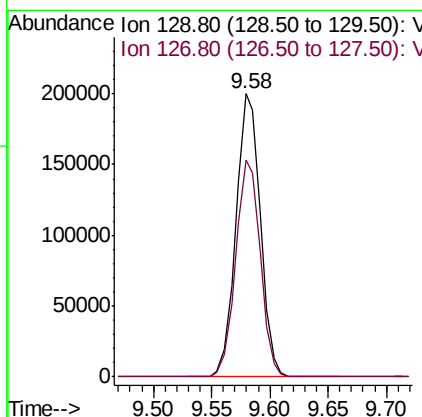
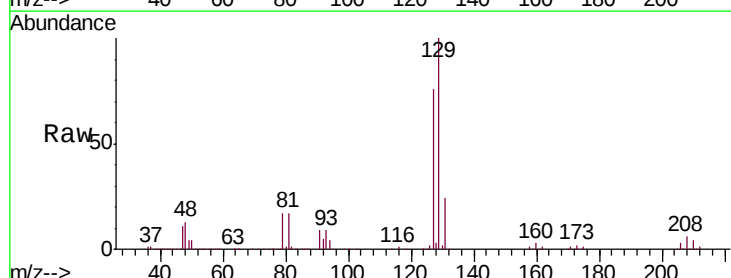
Manual Integrations
APPROVED

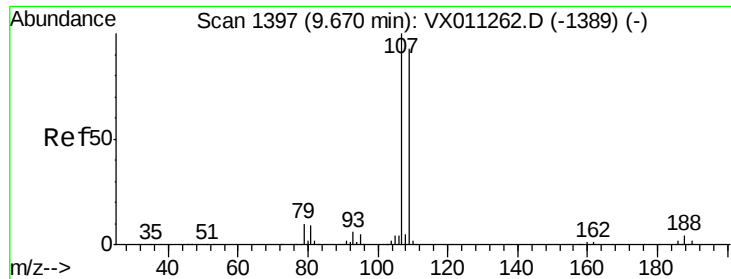
MMDadoda
8/2/2019 9:07:14 AM



#60
Dibromochloromethane
Concen: 181.887 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 129 Resp: 291472
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6





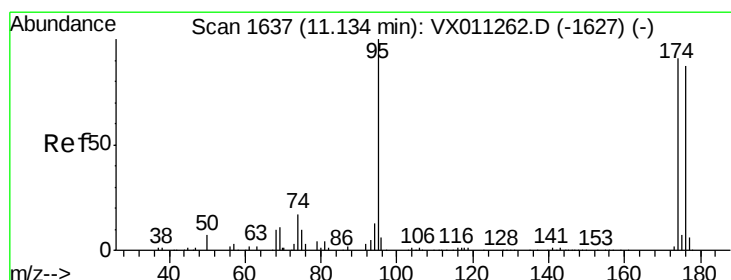
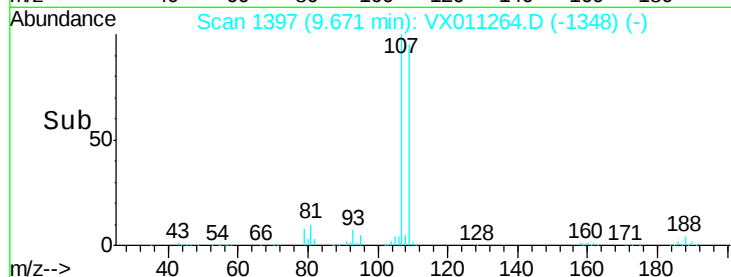
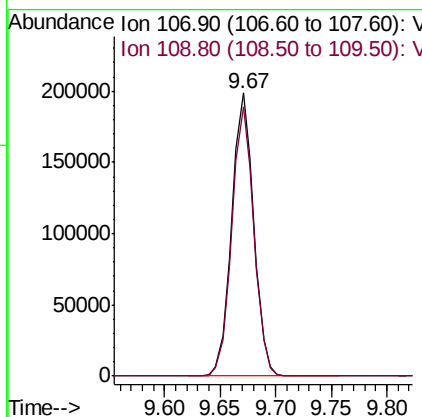
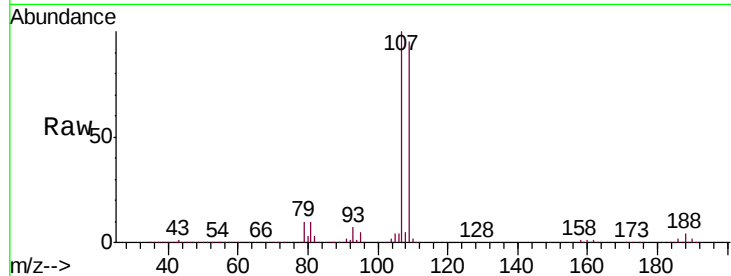
#61
 1,2-Dibromoethane
 Concen: 160.928 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	271305		
109	95.1	76.6	114.8	

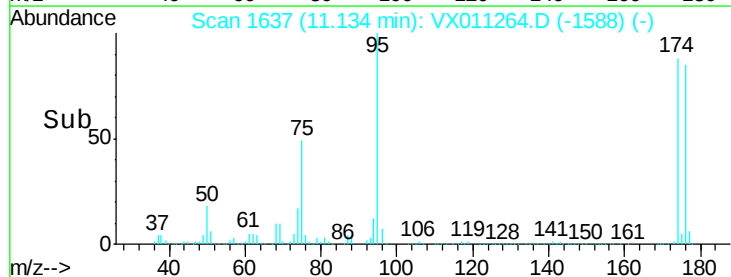
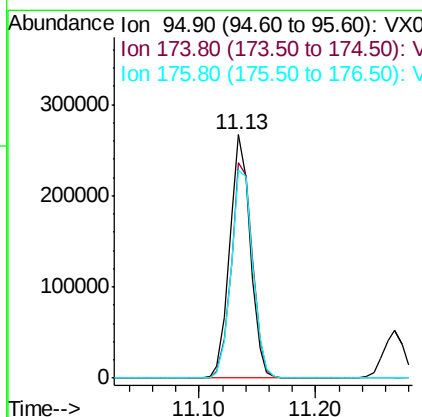
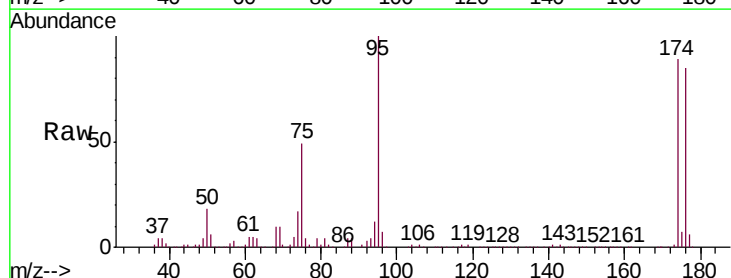
Manual Integrations
 APPROVED

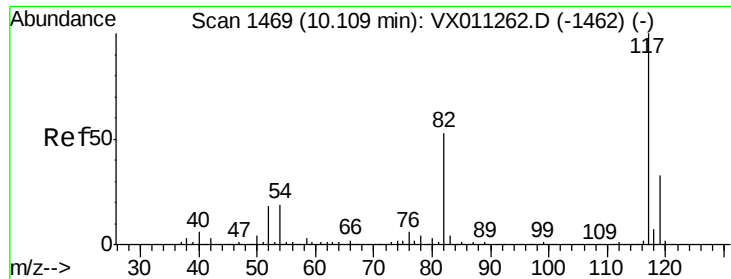
MMDadoda
 8/2/2019 9:07:14 AM



#62
 4-Bromofluorobenzene
 Concen: 163.675 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	328153		
174	91.8	0.0	191.2	
176	90.0	0.0	184.8	





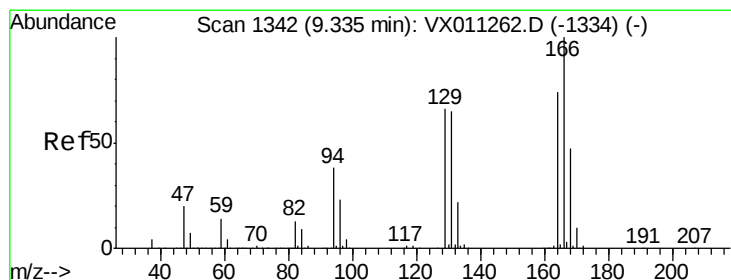
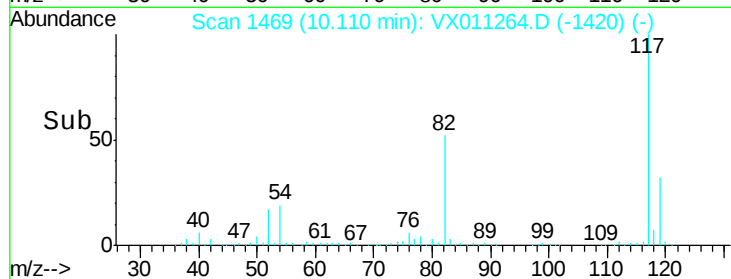
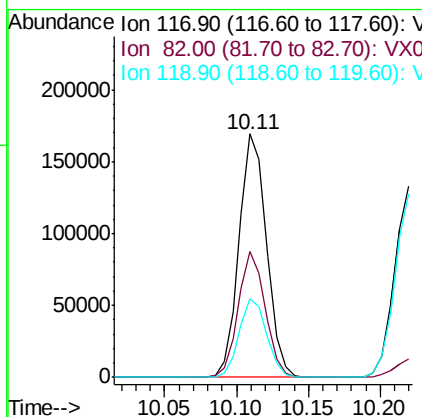
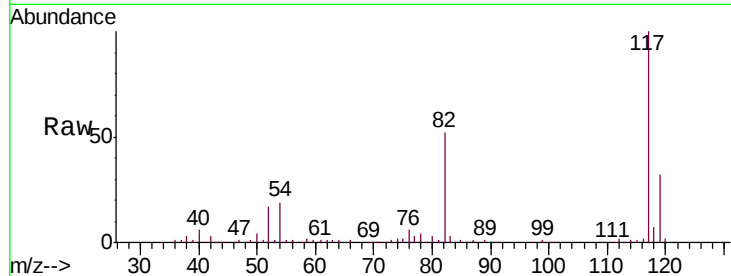
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.6	42.2	63.2
119	32.3	26.6	39.8

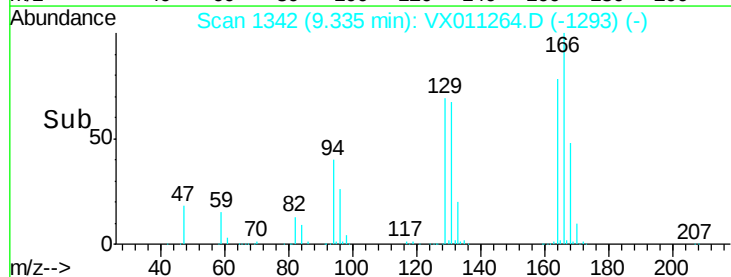
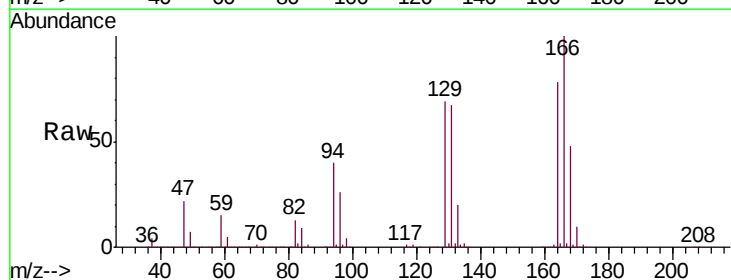
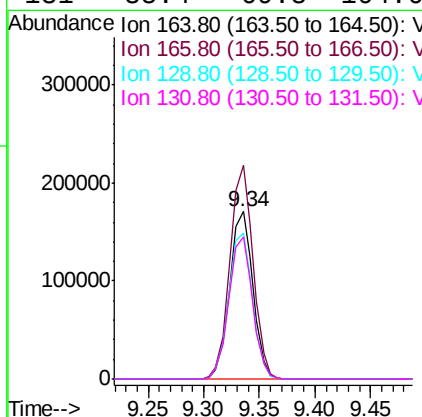
Manual Integrations
APPROVED

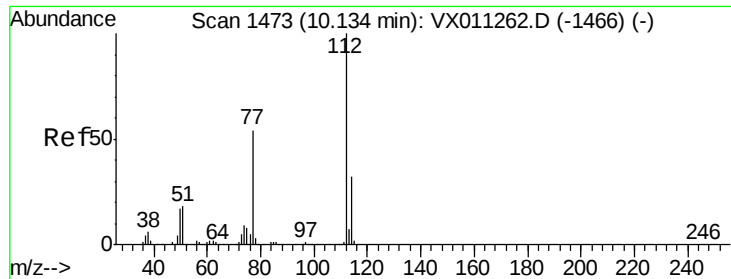
MMDadoda
8/2/2019 9:07:14 AM



#64
Tetrachloroethene
Concen: 137.782 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	107.5	161.3
129	87.7	71.0	106.4
131	85.4	69.8	104.6





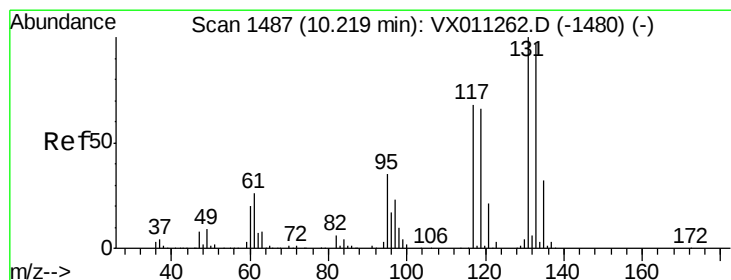
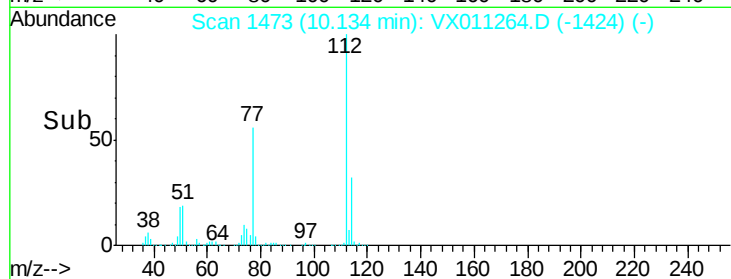
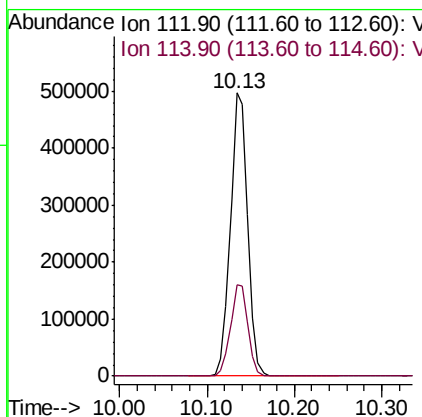
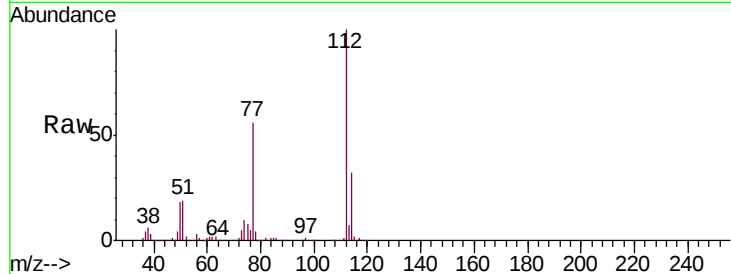
#65
Chlorobenzene
Concen: 145.554 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	25.9	38.9

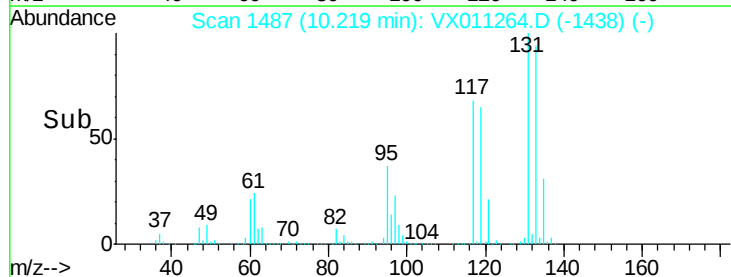
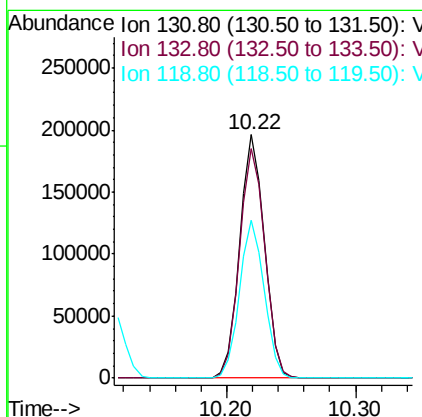
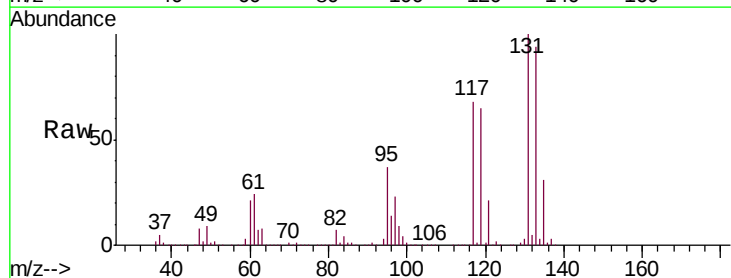
Manual Integrations
APPROVED

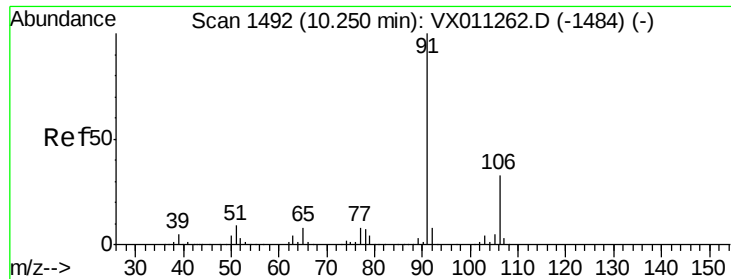
MMDadoda
8/2/2019 9:07:14 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 159.082 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.7	143.1
119	65.0	32.8	98.3





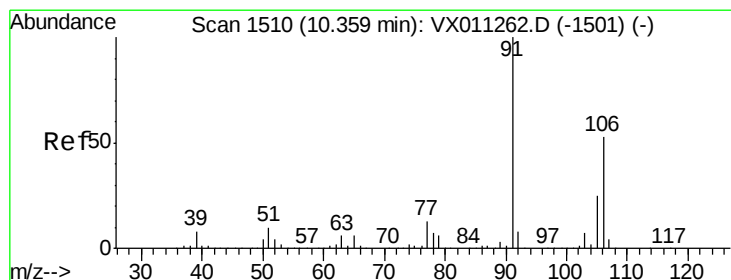
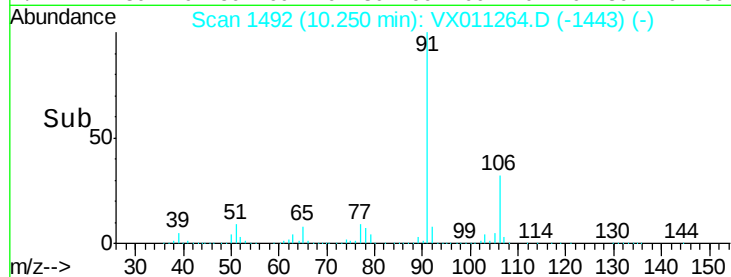
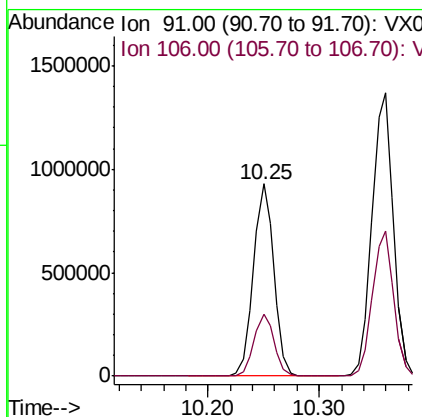
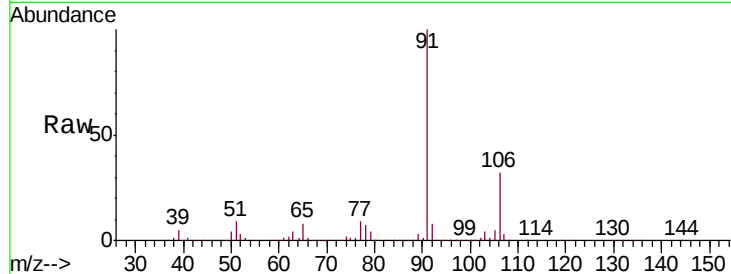
#67
Ethyl Benzene
Concen: 149.403 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1184892
Ion Ratio Lower Upper
91 100
106 32.3 26.2 39.4

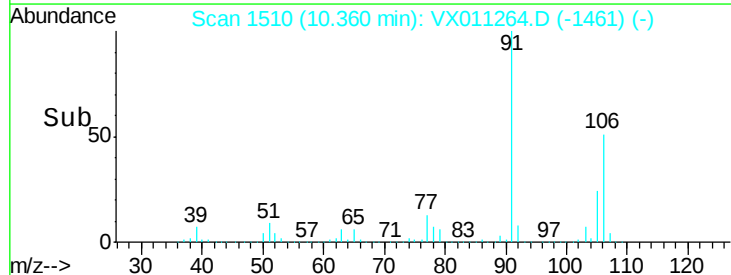
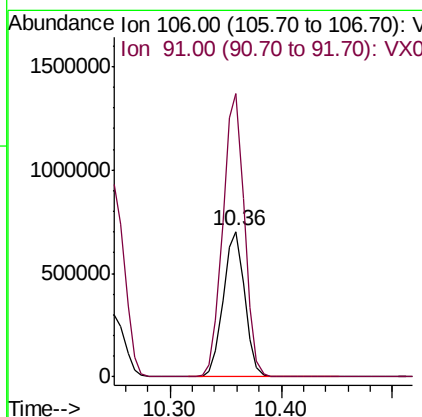
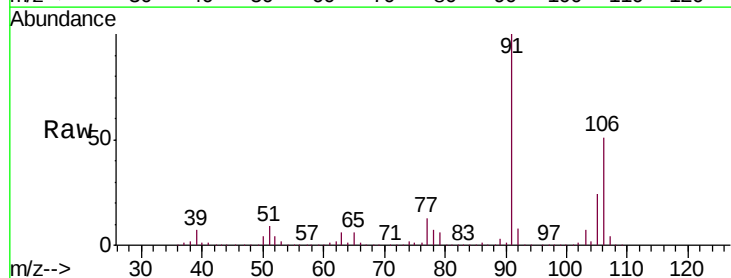
Manual Integrations
APPROVED

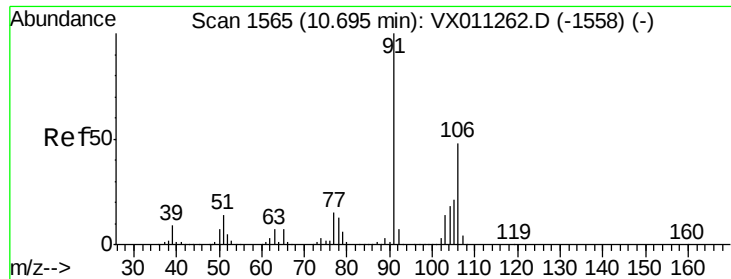
MMDadoda
8/2/2019 9:07:14 AM



#68
m/p-Xylenes
Concen: 304.962 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 106 Resp: 932525
Ion Ratio Lower Upper
106 100
91 196.3 155.9 233.9





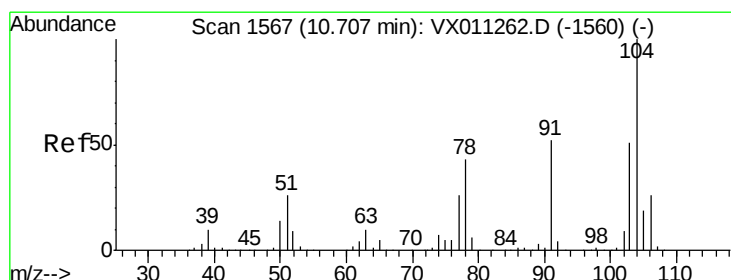
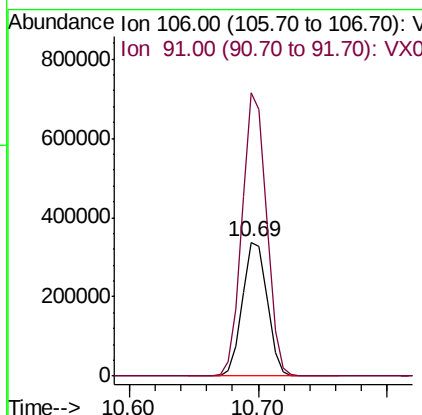
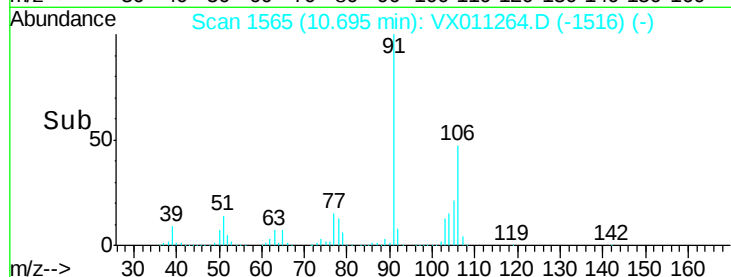
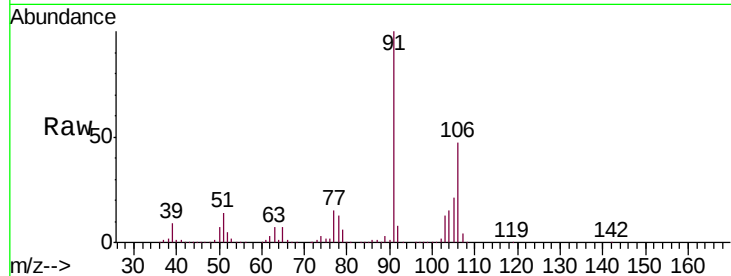
#69
o-Xylene
Concen: 151.593 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 450919
Ion Ratio Lower Upper
106 100
91 207.2 103.8 311.3

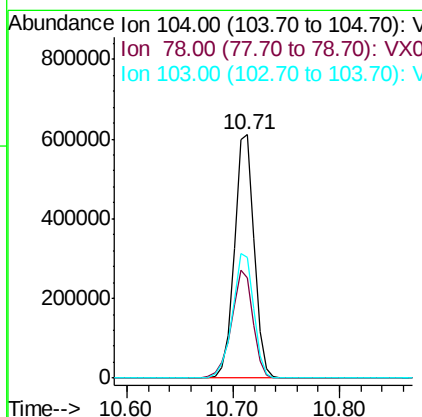
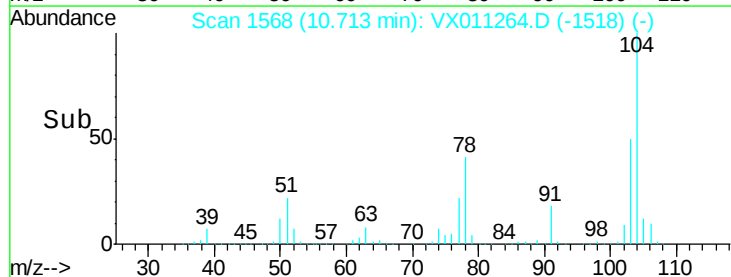
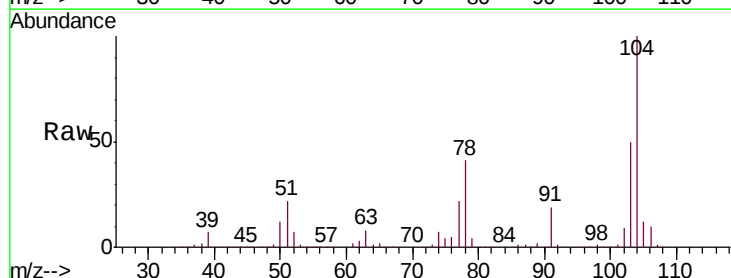
Manual Integrations
APPROVED

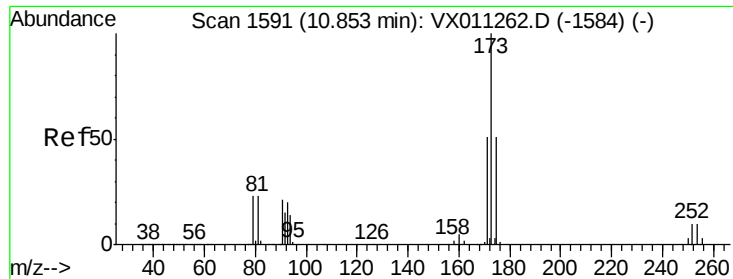
MMDadoda
8/2/2019 9:07:14 AM



#70
Styrene
Concen: 160.171 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.01 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion:104 Resp: 795390
Ion Ratio Lower Upper
104 100
78 47.9 36.9 55.3
103 55.1 44.4 66.6





#71

Bromoform

Concen: 178.764 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion:173 Resp: 233418

Ion Ratio Lower Upper

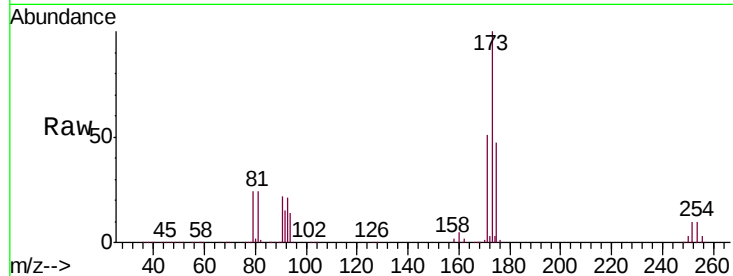
173 100

175 48.7 24.4 73.4

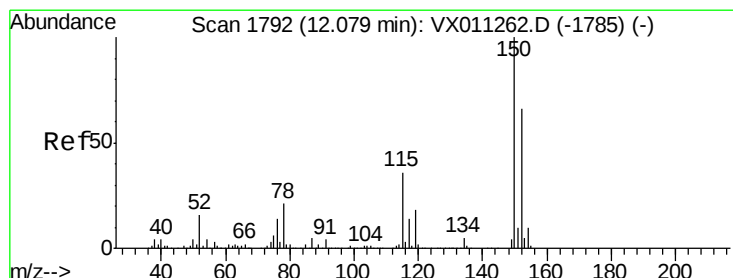
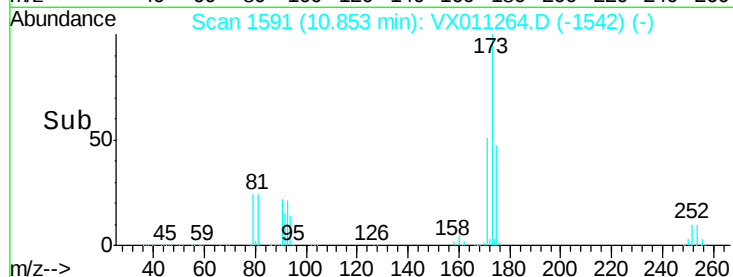
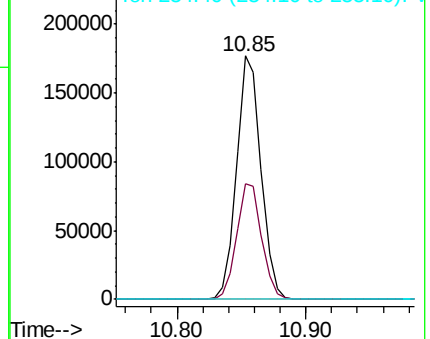
254 0.2 0.2 0.2

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

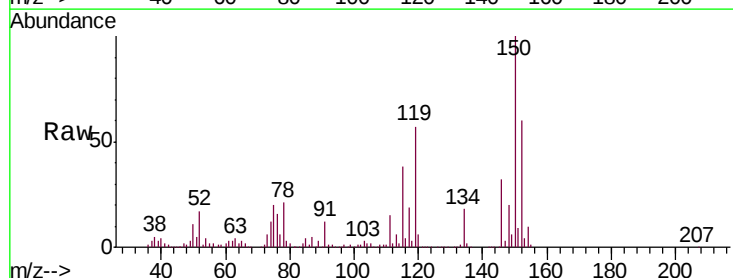
Tgt Ion:152 Resp: 121205

Ion Ratio Lower Upper

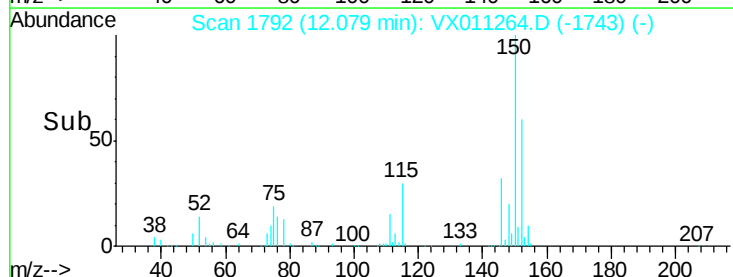
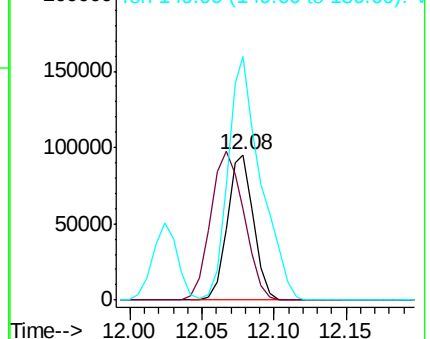
152 100

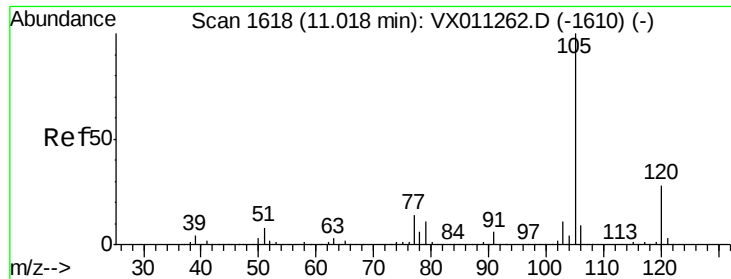
115 130.0 40.0 119.9#

150 209.7 0.0 350.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 148.643 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tgt Ion: 105 Resp: 1229796

Ion Ratio Lower Upper

105 100

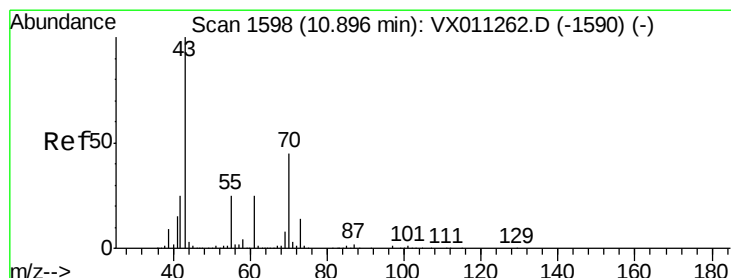
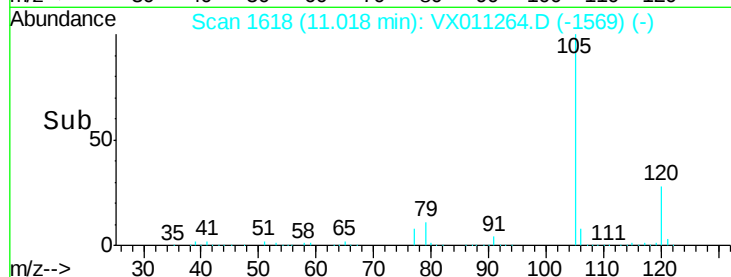
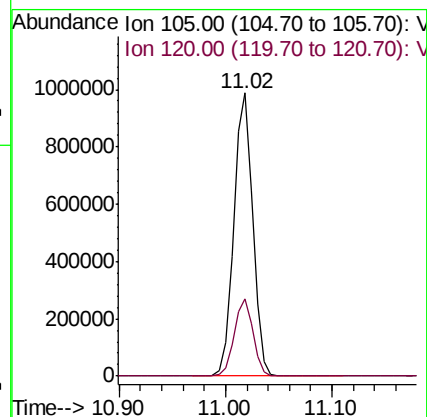
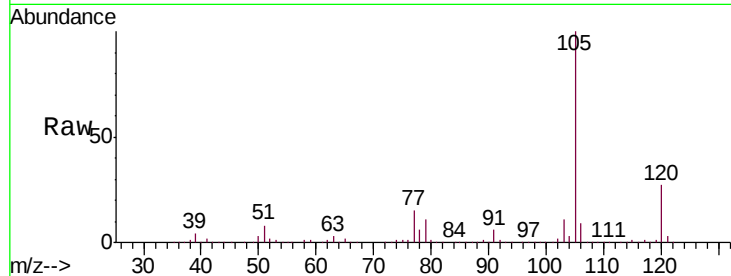
120 27.2 13.7 41.1

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:07:14 AM



#74

N-ethyl acetate

Concen: 155.280 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion: 43 Resp: 488096

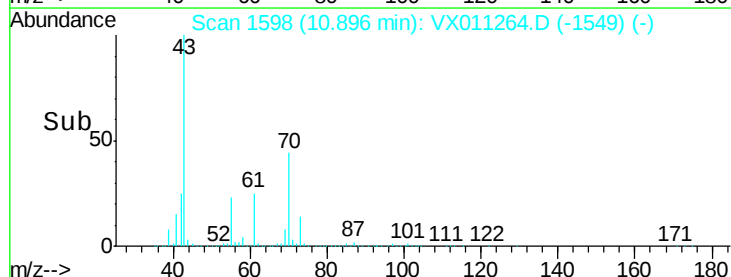
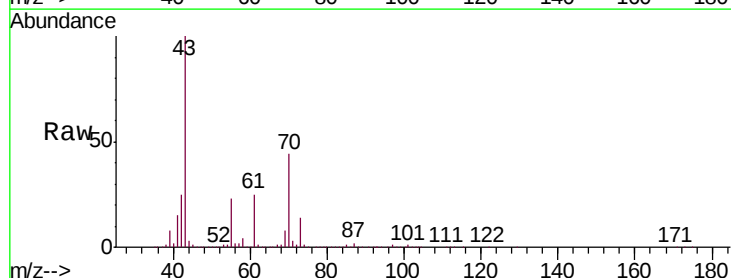
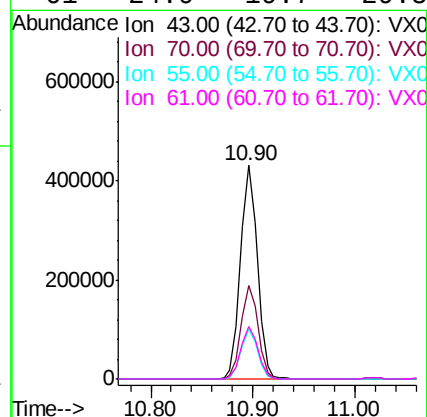
Ion Ratio Lower Upper

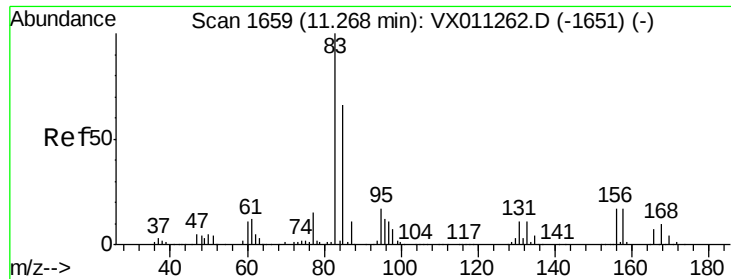
43 100

70 43.8 35.9 53.9

55 23.3 19.8 29.6

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 145.328 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

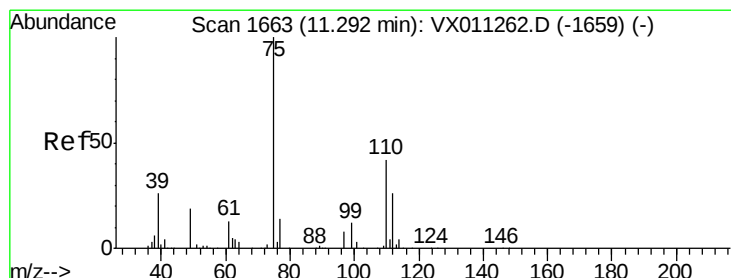
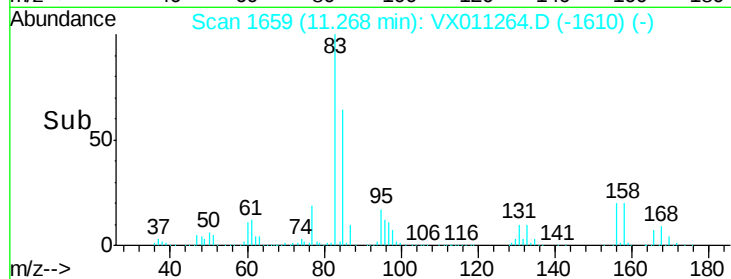
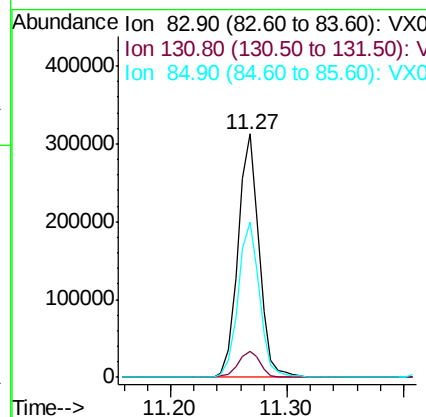
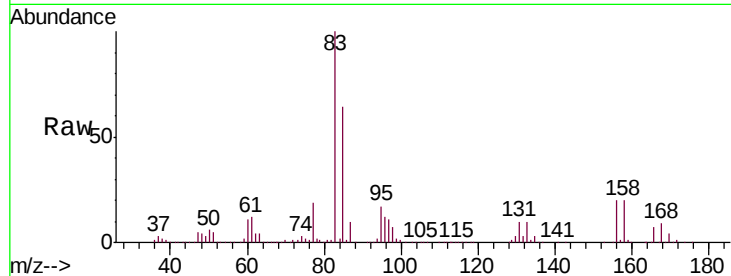
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	393734
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.6	16.8
85	64.8	32.1	96.5

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#76

1,2,3-Trichloropropane

Concen: 143.917 ug/l m

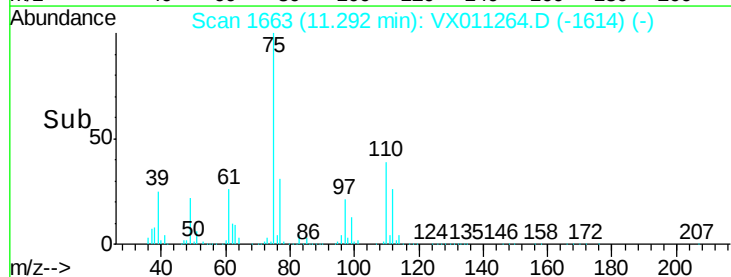
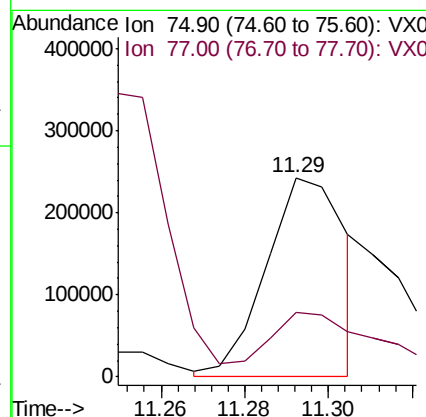
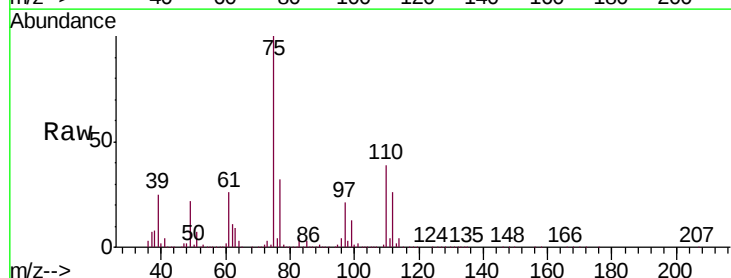
RT: 11.29 min Scan# 1663

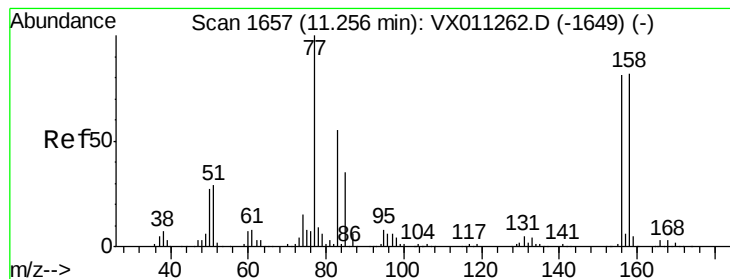
Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion:	75	Resp:	317716
Ion Ratio	Lower	Upper	
75	100		
77	45.1	21.1	63.4





#77

Bromobenzene

Concen: 144.894 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

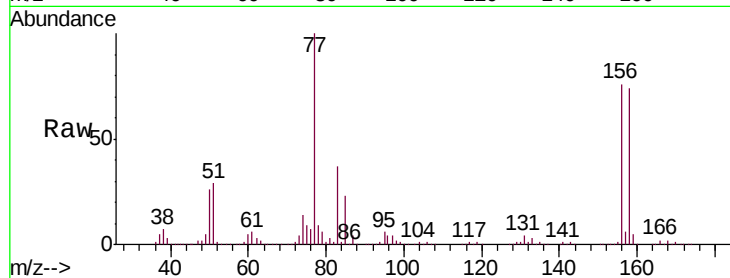
ClientSampleId :

VSTDIC150

Tgt Ion:	156	Resp:	330887
Ion Ratio	Lower	Upper	
156	100		
77	137.0	66.2	198.6
158	96.6	49.1	147.3

Manual Integrations
APPROVED

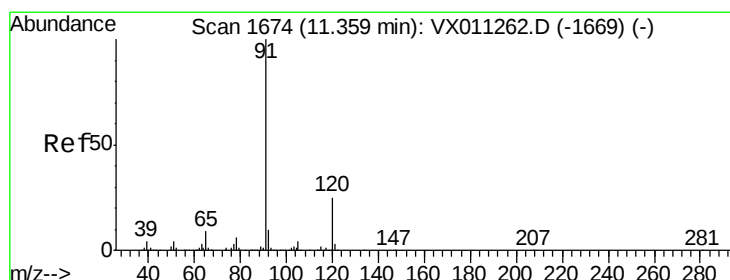
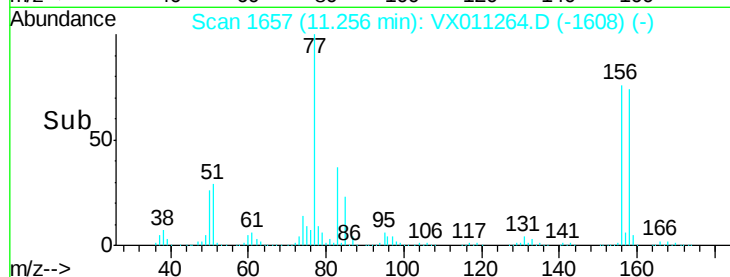
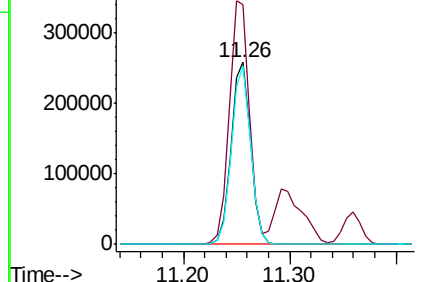
MMDadoda
8/2/2019 9:07:14 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 152.411 ug/l

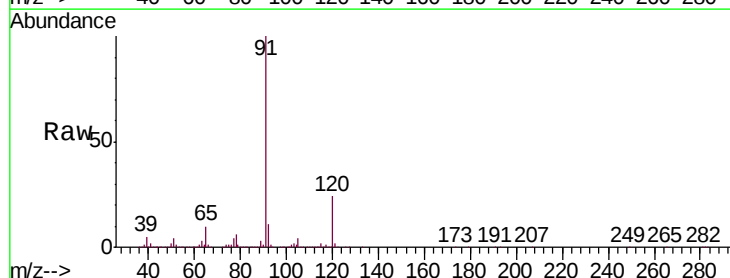
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX011264.D

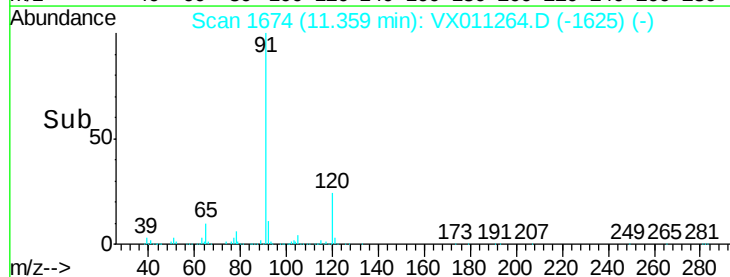
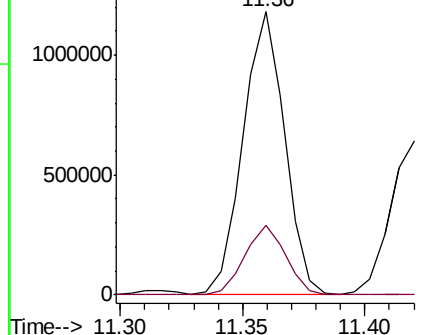
Acq: 01 Aug 2019 17:00

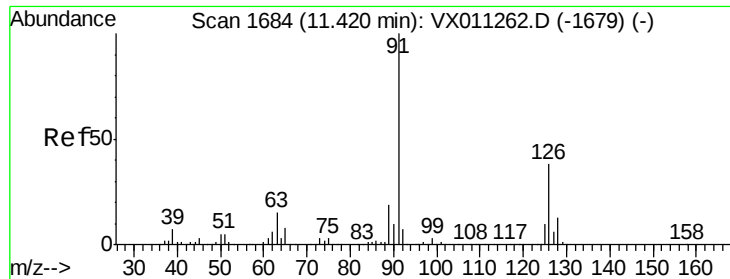
Tgt Ion:	91	Resp:	1391767
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.4	37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 145.469 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

Tgt Ion: 91 Resp: 796005

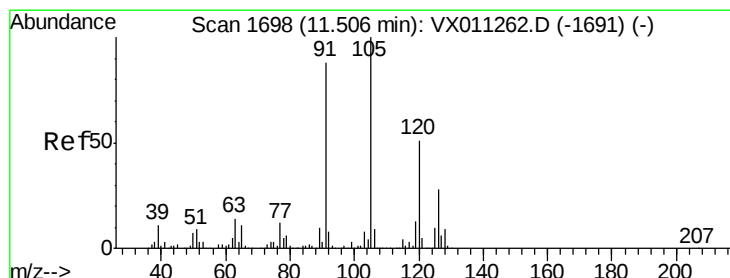
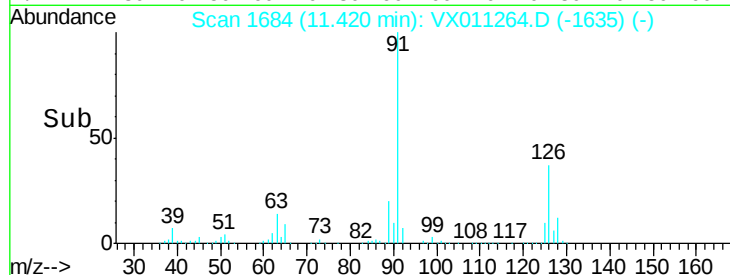
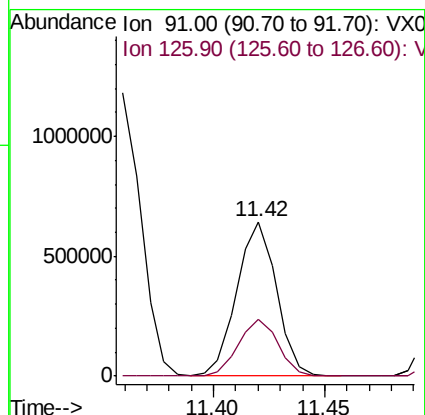
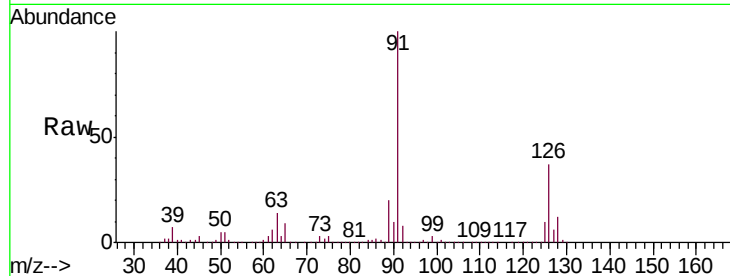
Ion Ratio Lower Upper

91 100

126 36.9 18.5 55.5

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#80

1,3,5-Trimethylbenzene

Concen: 150.675 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX011264.D

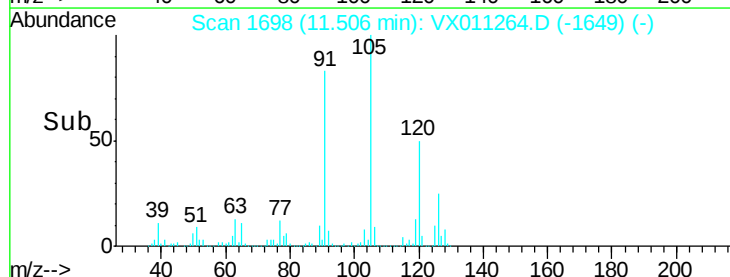
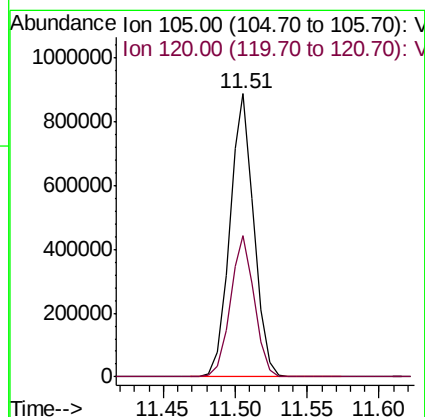
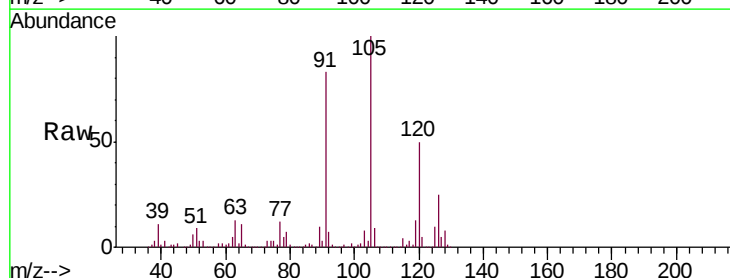
Acq: 01 Aug 2019 17:00

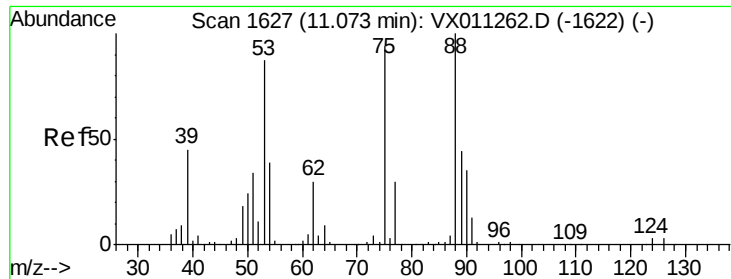
Tgt Ion: 105 Resp: 1037215

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 168.266 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tgt Ion: 75 Resp: 133989
Ion Ratio Lower Upper

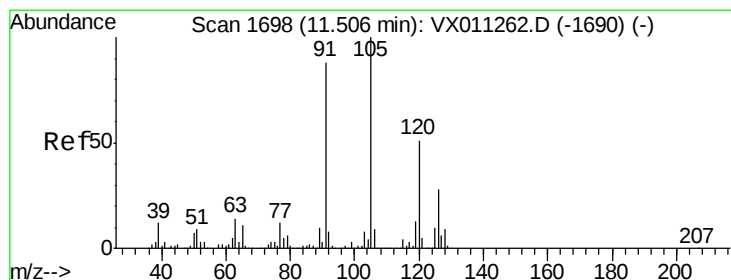
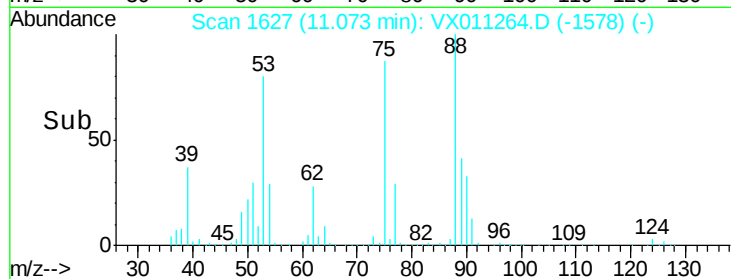
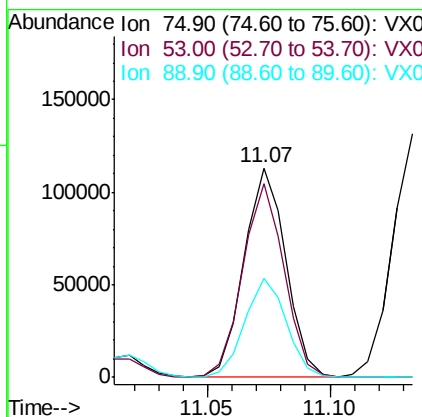
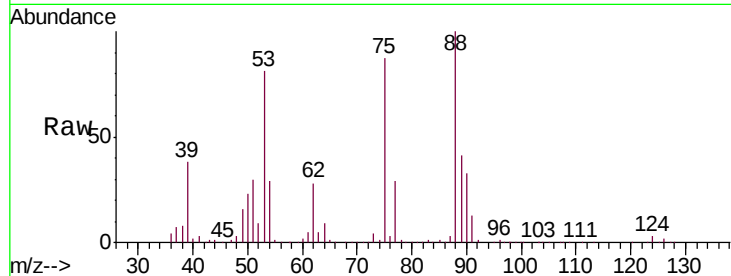
75 100

53 91.8 78.2 117.4

89 47.7 37.9 56.9

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#82

4-Chlorotoluene

Concen: 149.322 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

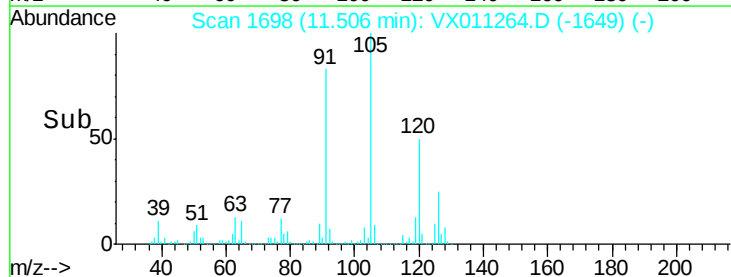
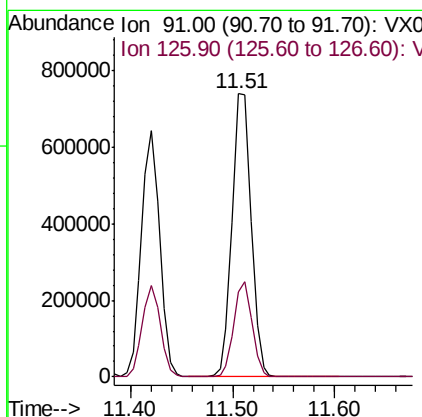
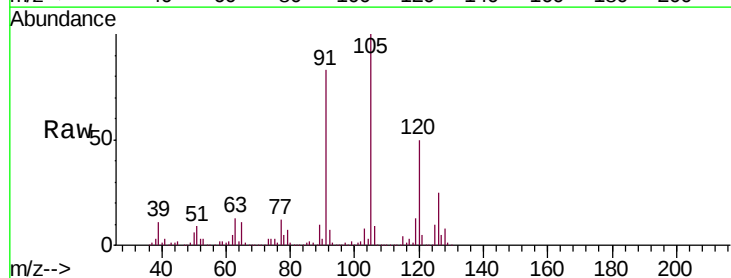
Lab File: VX011264.D

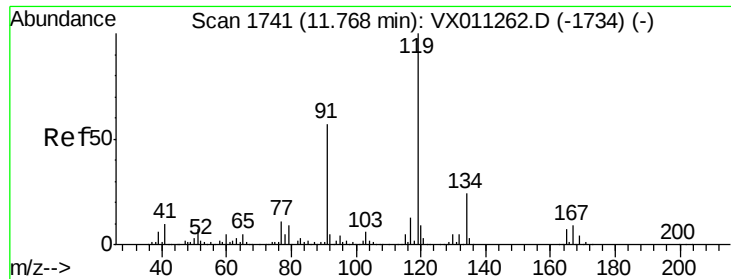
Acq: 01 Aug 2019 17:00

Tgt Ion: 91 Resp: 952517
Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.2





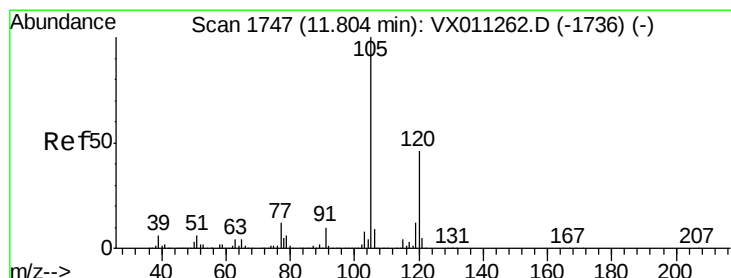
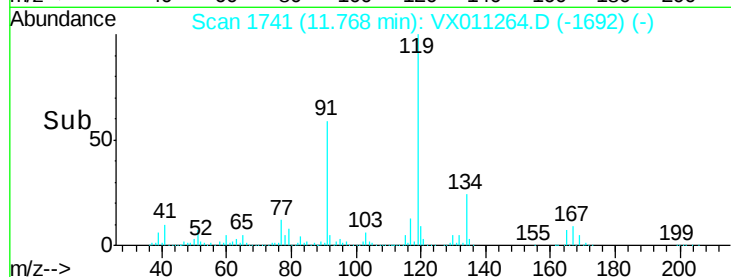
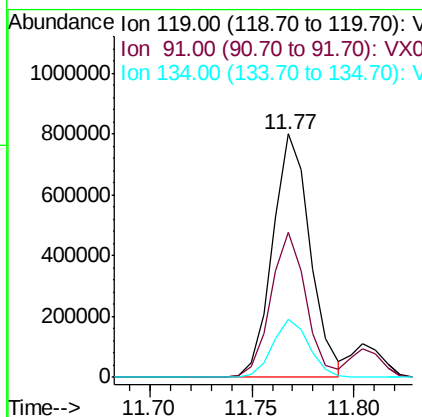
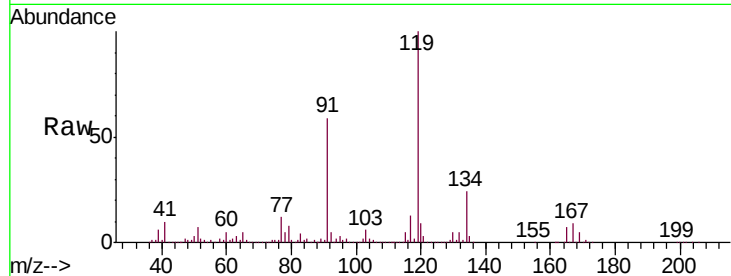
#83
 tert-Butylbenzene
 Concen: 151.751 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC150

Tgt Ion:119 Resp: 1029194
 Ion Ratio Lower Upper
 119 100
 91 55.9 28.0 84.0
 134 23.1 11.9 35.5

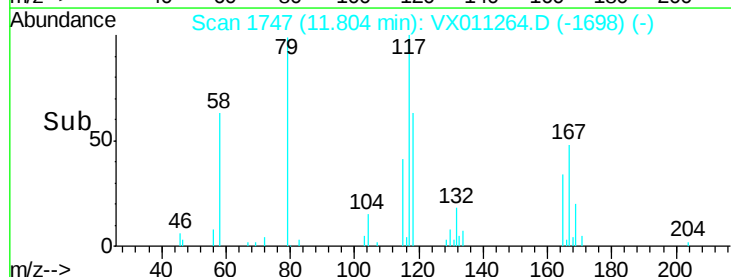
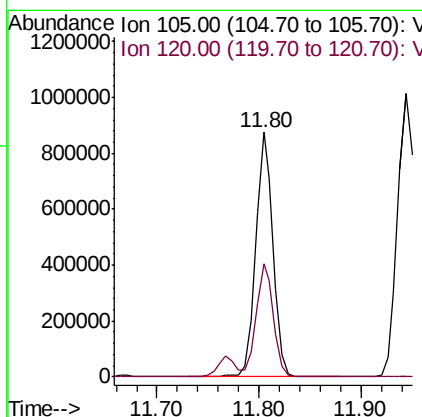
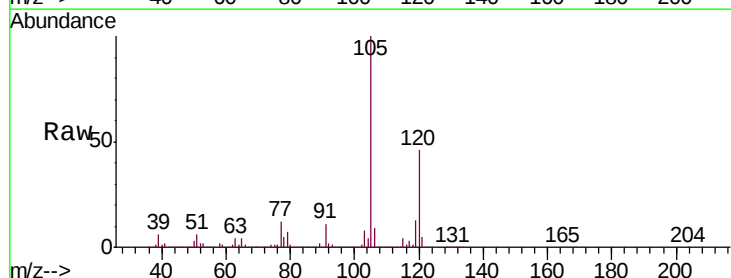
Manual Integrations
 APPROVED

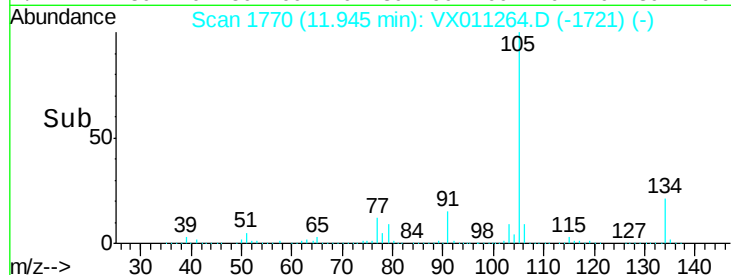
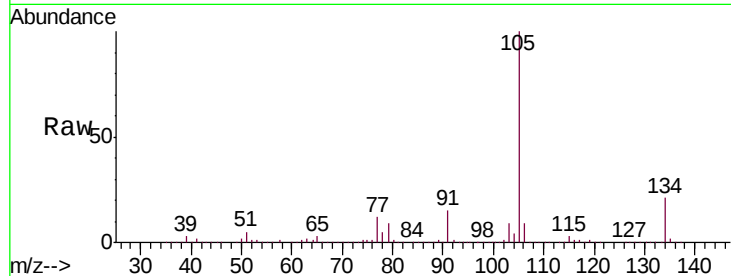
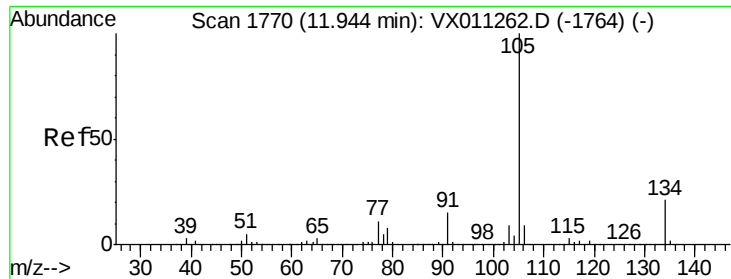
MMDadoda
 8/2/2019 9:07:14 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 149.611 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion:105 Resp: 1041880
 Ion Ratio Lower Upper
 105 100
 120 45.6 23.0 69.0





#85

sec-Butylbenzene

Concen: 153.099 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

Tgt Ion:105 Resp: 1218541

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4

Instrument :

MSVOA_X

ClientSampled :

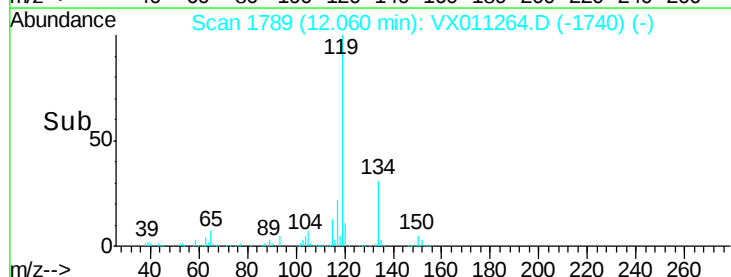
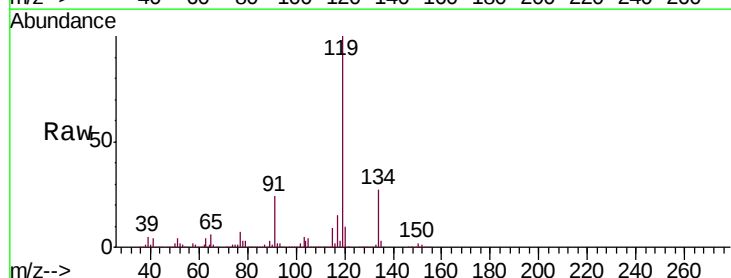
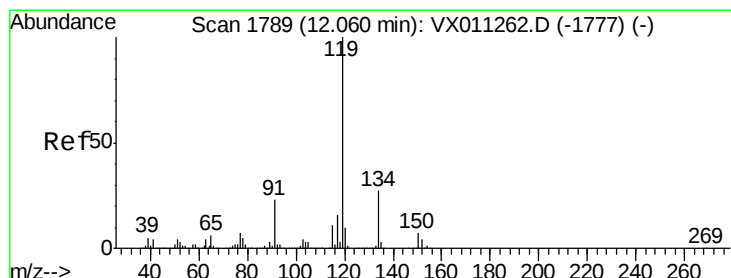
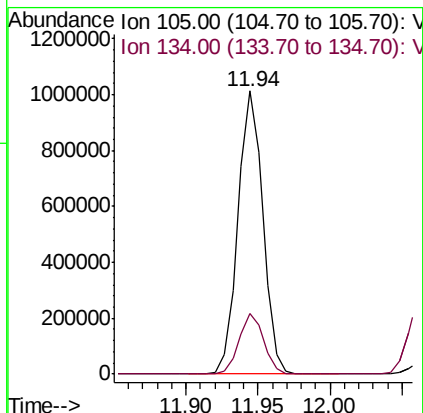
VSTDIC150

Manual Integrations

APPROVED

MMDadoda

8/2/2019 9:07:14 AM



#86

p-Isopropyltoluene

Concen: 155.879 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX011264.D

Acq: 01 Aug 2019 17:00

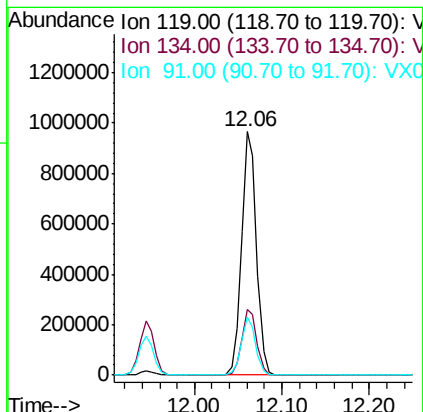
Tgt Ion:119 Resp: 1148034

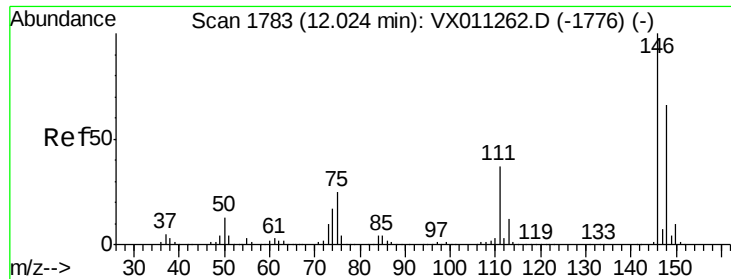
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.0

91 23.0 11.4 34.2





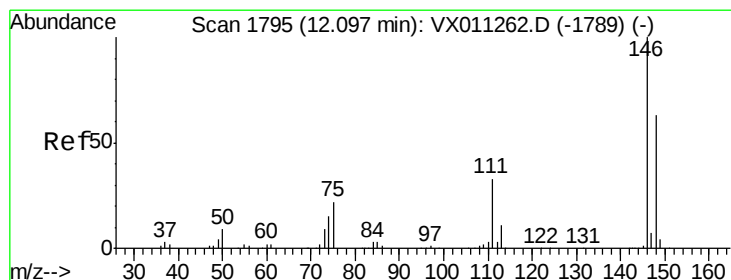
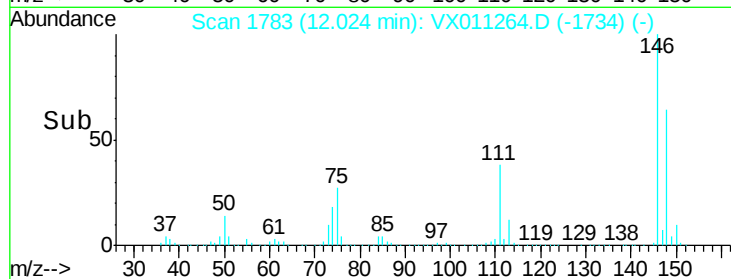
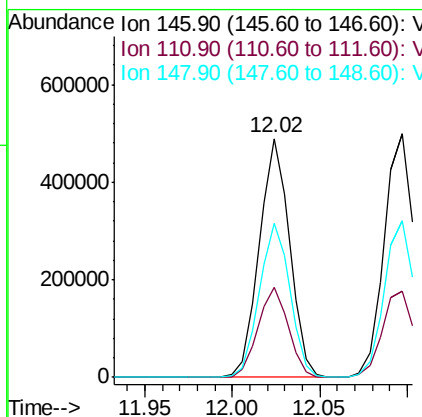
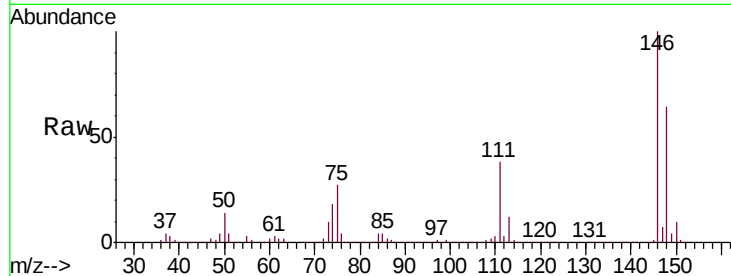
#87
 1,3-Dichlorobenzene
 Concen: 148.753 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.6	18.6	55.8
148	64.7	32.5	97.5

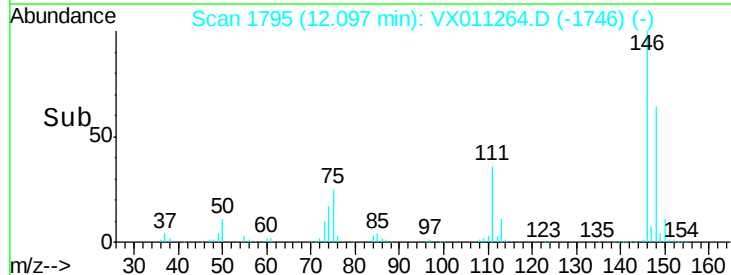
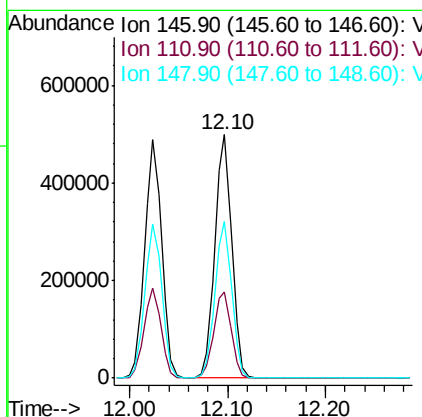
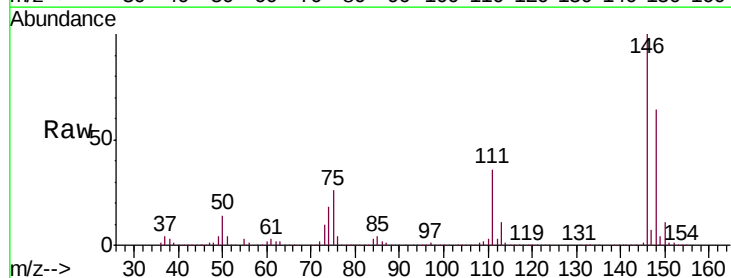
Manual Integrations
 APPROVED

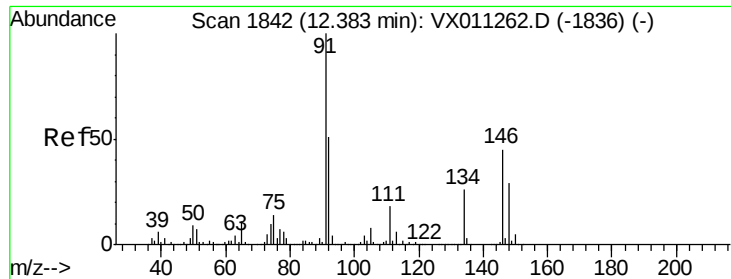
MMDadoda
 8/2/2019 9:07:14 AM



#88
 1,4-Dichlorobenzene
 Concen: 147.242 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	17.8	53.4
148	63.8	31.8	95.3





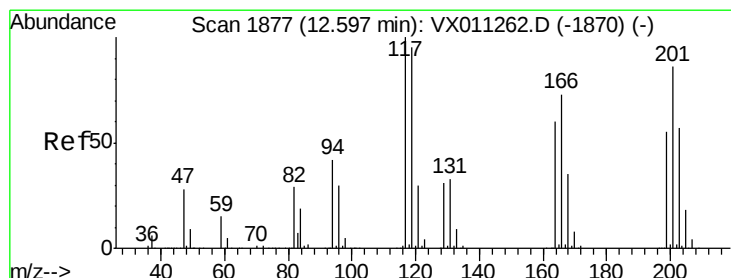
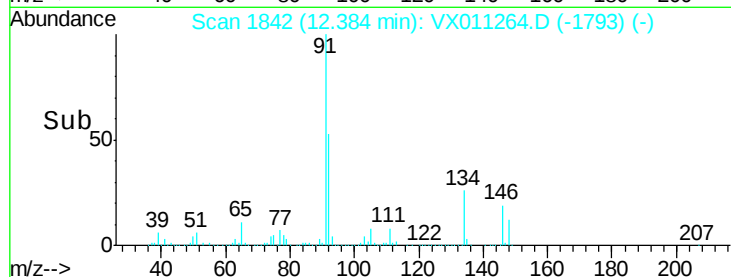
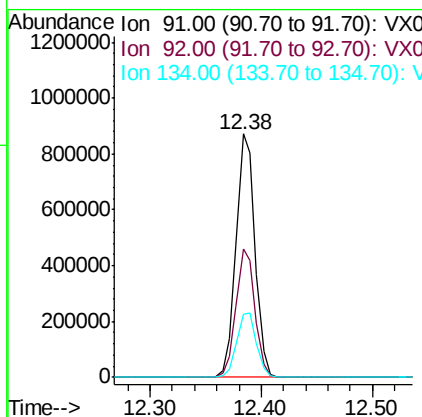
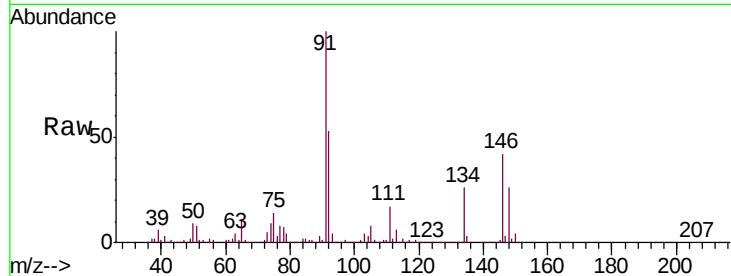
#89
n-Butylbenzene
Concen: 162.160 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 1021573
Ion Ratio Lower Upper
91 100
92 52.5 25.8 77.3
134 27.4 13.7 41.0

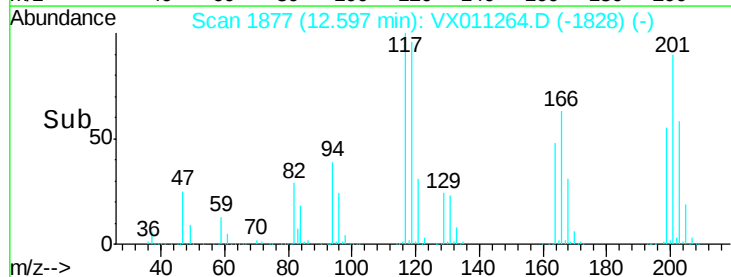
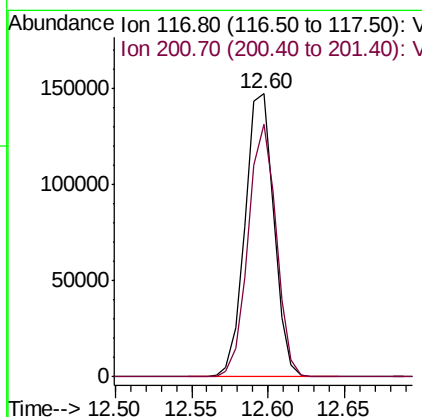
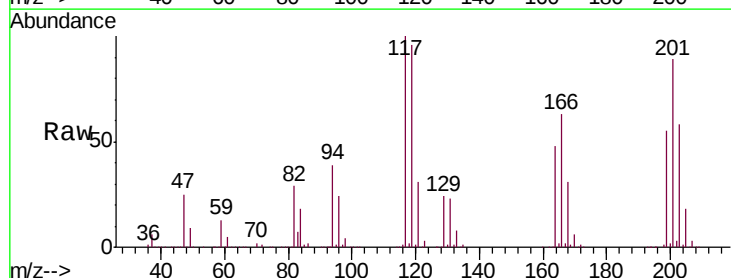
Manual Integrations
APPROVED

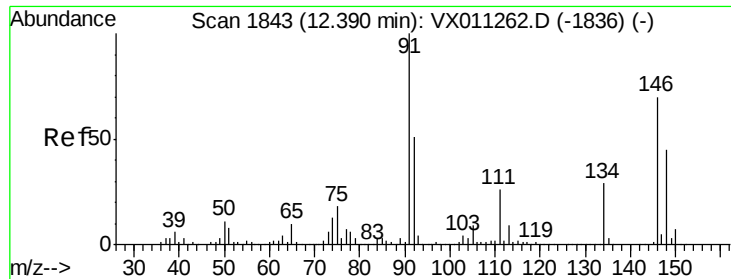
MMDadoda
8/2/2019 9:07:14 AM



#90
Hexachloroethane
Concen: 167.342 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion: 117 Resp: 193526
Ion Ratio Lower Upper
117 100
201 86.7 41.8 125.4





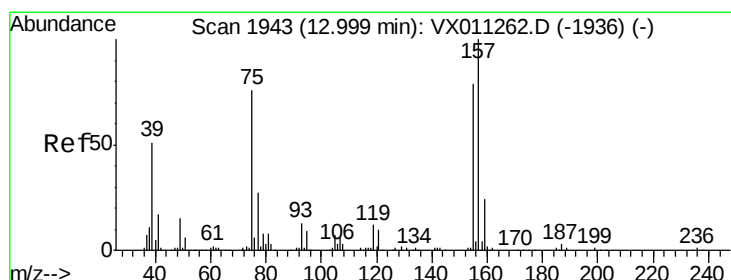
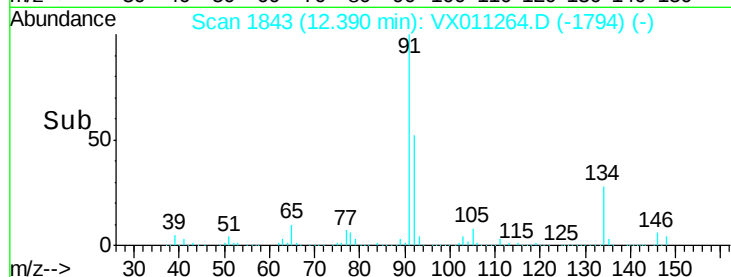
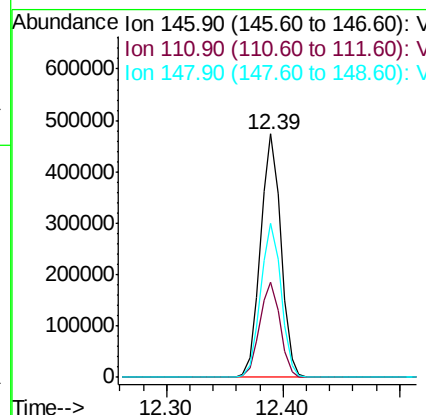
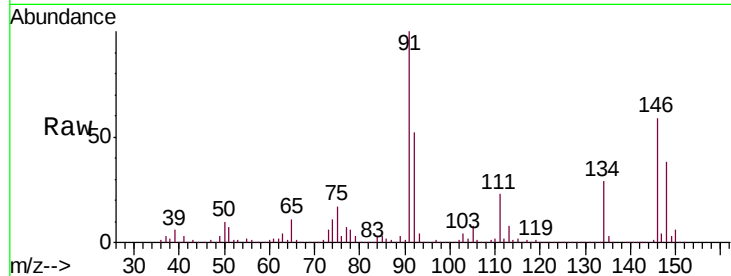
#91
 1,2-Dichlorobenzene
 Concen: 147.205 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	580450		
111	39.3	19.1	57.1	
148	63.8	32.3	96.8	

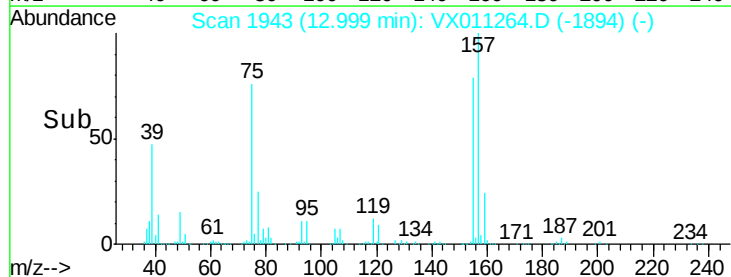
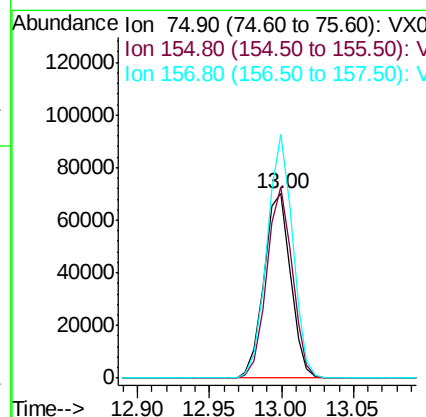
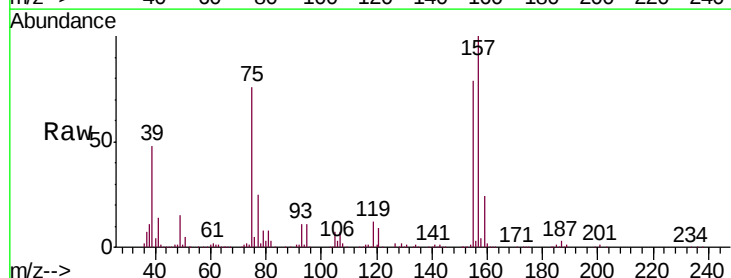
Manual Integrations
 APPROVED

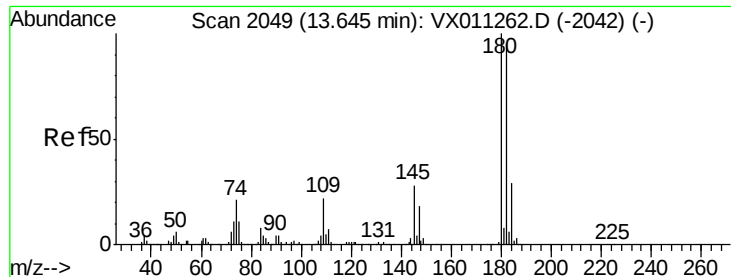
MMDadoda
 8/2/2019 9:07:14 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 158.835 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	89114		
155	99.3	51.9	155.8	
157	126.8	64.3	192.7	





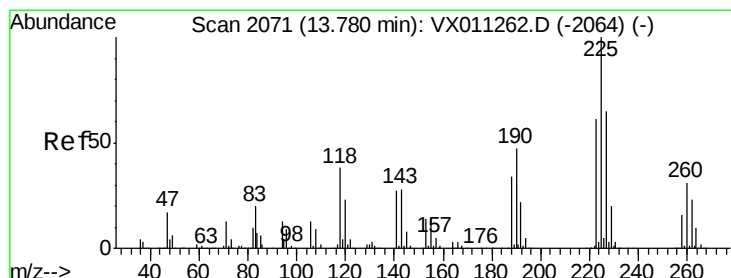
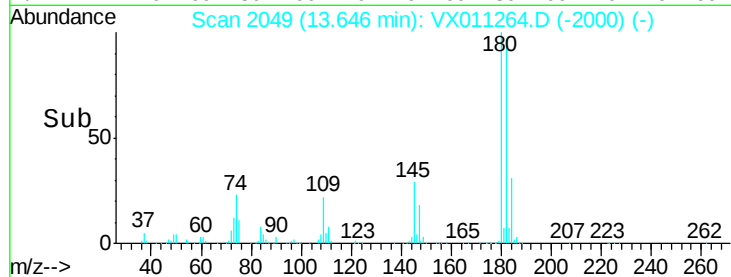
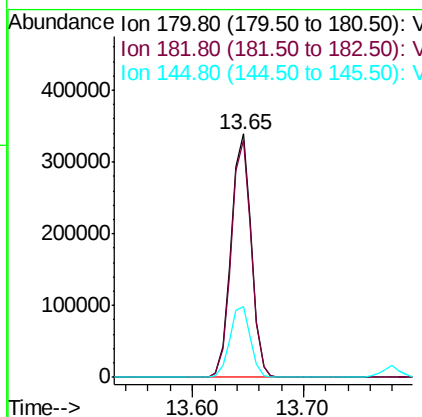
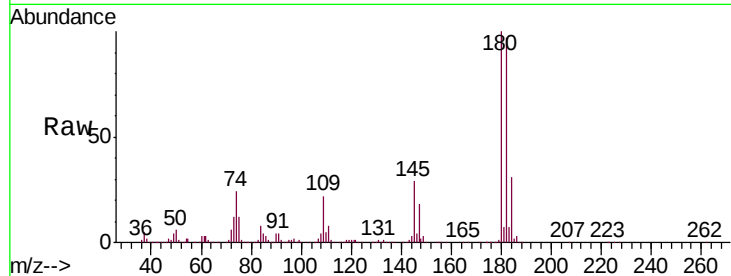
#93
 1,2,4-Trichlorobenzene
 Concen: 158.185 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	421480		
182	96.7	47.8	143.4	
145	29.5	14.8	44.3	

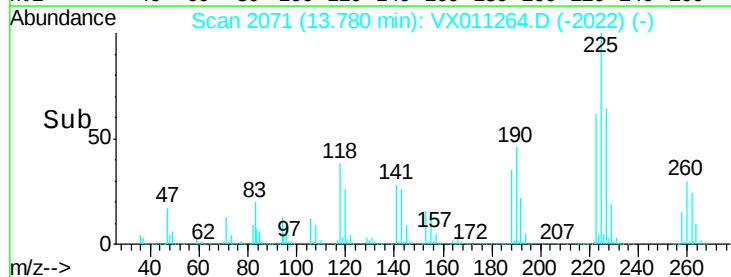
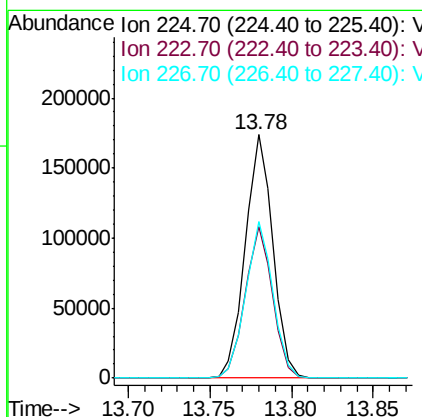
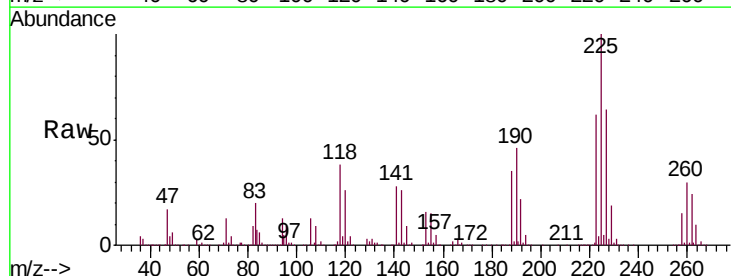
Manual Integrations
 APPROVED

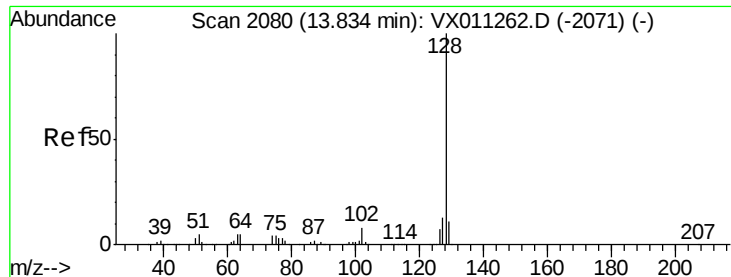
MMDadoda
 8/2/2019 9:07:14 AM



#94
 Hexachlorobutadiene
 Concen: 154.946 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX011264.D
 Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	205349		
223	61.7	31.0	93.0	
227	63.3	32.2	96.6	





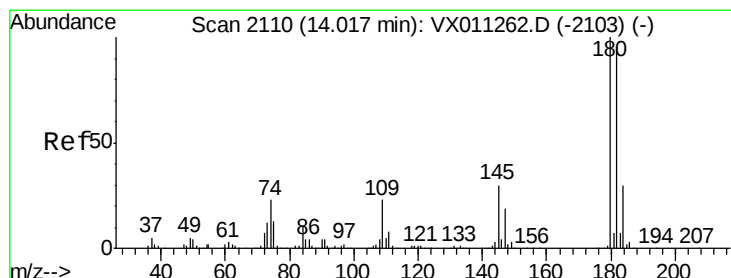
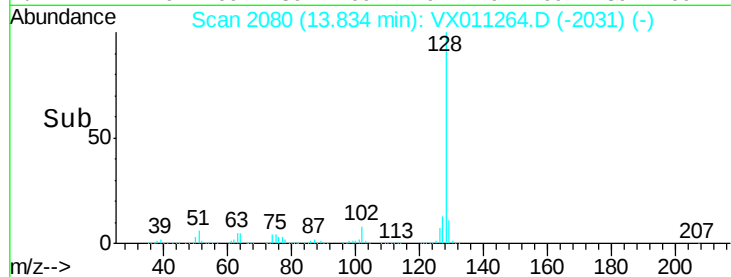
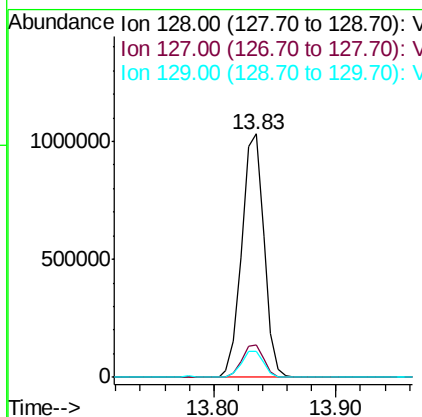
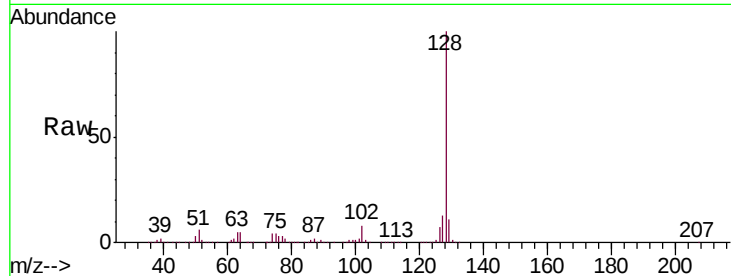
#95
Naphthalene
Concen: 164.066 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.9	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
8/2/2019 9:07:14 AM



#96
1,2,3-Trichlorobenzene
Concen: 159.270 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX011264.D
Acq: 01 Aug 2019 17:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.3
145	30.8	15.2	45.6

