

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010735.D
 Acq On : 09 Jul 2019 07:23
 Operator : JC/SP
 Sample : K3691-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:21 AM

Quant Time: Jul 09 08:20:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327028	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	299738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	157948	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	100996	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
35) Dibromofluoromethane	5.49	113	96164	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	8.71	98	351597	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	
62) 4-Bromofluorobenzene	11.13	95	134003	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	85931	59.401	ug/l	99
3) Chloromethane	1.32	50	92586	54.963	ug/l	98
4) Vinyl Chloride	1.41	62	225352	122.138	ug/l	99
5) Bromomethane	1.64	94	50363	56.029	ug/l	99
6) Chloroethane	1.71	64	63475	58.312	ug/l	95
7) Trichlorofluoromethane	1.93	101	170587	58.323	ug/l	99
8) Diethyl Ether	2.19	74	60474	57.655	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91605	51.682	ug/l	99
10) Methyl Iodide	2.51	142	124381	49.171	ug/l	97
11) Tert butyl alcohol	3.05	59	131073	256.752	ug/l	99
12) 1,1-Dichloroethene	2.37	96	98441	54.580	ug/l	99
13) Acrolein	2.29	56	76329	225.388	ug/l	98
14) Allyl chloride	2.73	41	137562	53.723	ug/l	99
15) Acrylonitrile	3.14	53	286448	283.404	ug/l	99
16) Acetone	2.45	43	236232	241.604	ug/l	98
17) Carbon Disulfide	2.57	76	245892	50.817	ug/l	100
18) Methyl Acetate	2.78	43	105033	53.898	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	321180	56.606	ug/l	99
20) Methylene Chloride	2.85	84	112656	55.987	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	106250	54.774	ug/l	100
22) Diisopropyl ether	3.85	45	303085	56.613	ug/l	95
23) Vinyl Acetate	3.81	43	1287572	278.397	ug/l	99
24) 1,1-Dichloroethane	3.70	63	189140	61.120	ug/l	98
25) 2-Butanone	4.67	43	386412	269.416	ug/l	99
26) 2,2-Dichloropropane	4.59	77	79298	29.498	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	189056	84.340	ug/l	96
28) Bromochloromethane	5.01	49	76271	51.549	ug/l	94
29) Tetrahydrofuran	5.13	42	251380	282.962	ug/l	99
30) Chloroform	5.21	83	186501	56.013	ug/l	98
31) Cyclohexane	5.58	56	152762	54.208	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	160877	54.720	ug/l	99
36) 1,1-Dichloropropene	5.80	75	134161	51.625	ug/l	98
37) Ethyl Acetate	4.84	43	141225	52.824	ug/l	98
38) Carbon Tetrachloride	5.79	117	144002	51.172	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX070819\
 Data File : VX010735.D
 Acq On : 09 Jul 2019 07:23
 Operator : JC/SP
 Sample : K3691-10MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:21 AM

Quant Time: Jul 09 08:20:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159686	46.747	ug/l	100
40) Benzene	6.14	78	465304	57.471	ug/l	99
41) Methacrylonitrile	5.04	41	81105	55.290	ug/l	97
42) 1,2-Dichloroethane	6.19	62	145151	58.896	ug/l	97
43) Isopropyl Acetate	6.45	43	233055	52.689	ug/l	97
44) Trichloroethene	7.21	130	121886	50.311	ug/l	100
45) 1,2-Dichloropropane	7.51	63	107370	52.515	ug/l	99
46) Dibromomethane	7.66	93	77882	53.092	ug/l	97
47) Bromodichloromethane	7.90	83	139995	52.076	ug/l	99
48) Methyl methacrylate	7.77	41	116259	56.547	ug/l	98
49) 1,4-Dioxane	7.74	88	58168	982.111	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	796542	281.570	ug/l	98
52) Toluene	8.78	92	280678	52.643	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138487	45.948	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	152969	46.704	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116457	52.961	ug/l	99
56) Ethyl methacrylate	9.18	69	179276	53.819	ug/l	96
57) 1,3-Dichloropropane	9.37	76	182698	53.524	ug/l	100
59) 2-Hexanone	9.49	43	617788	277.474	ug/l	98
60) Dibromochloromethane	9.58	129	124541	50.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	126078	53.120	ug/l	100
64) Tetrachloroethene	9.34	164	109752	45.270	ug/l	99
65) Chlorobenzene	10.14	112	1142851	187.807	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	115853	52.267	ug/l	100
67) Ethyl Benzene	10.25	91	536134	52.187	ug/l	99
68) m/p-Xylenes	10.36	106	412434	103.610	ug/l	97
69) o-Xylene	10.69	106	202066	51.619	ug/l	98
70) Styrene	10.71	104	349872	53.294	ug/l	99
71) Bromoform	10.85	173	96839	50.239	ug/l #	99
73) Isopropylbenzene	11.02	105	533345	49.813	ug/l	99
74) N-amyl acetate	10.90	43	212614	52.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	182592	51.495	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	148140m	51.469	ug/l	
77) Bromobenzene	11.26	156	149643	50.053	ug/l	98
78) n-propylbenzene	11.36	91	595893	50.639	ug/l	99
79) 2-Chlorotoluene	11.42	91	357155	50.970	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	449178	50.889	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	45498	36.878	ug/l	89
82) 4-Chlorotoluene	11.51	91	409455	51.352	ug/l	99
83) tert-Butylbenzene	11.77	119	452236	51.048	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	454839	51.290	ug/l	99
85) sec-Butylbenzene	11.94	105	521544	50.140	ug/l	99
86) p-Isopropyltoluene	12.06	119	481157	50.009	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	277380	53.151	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	293248	55.196	ug/l	99
89) n-Butylbenzene	12.38	91	401818	49.148	ug/l	100
90) Hexachloroethane	12.60	117	80073	48.131	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	293887	56.662	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	38480	50.333	ug/l	92
93) 1,2,4-Trichlorobenzene	13.65	180	173848	48.333	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX070819\
Data File : VX010735.D
Acq On : 09 Jul 2019 07:23
Operator : JC/SP
Sample : K3691-10MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

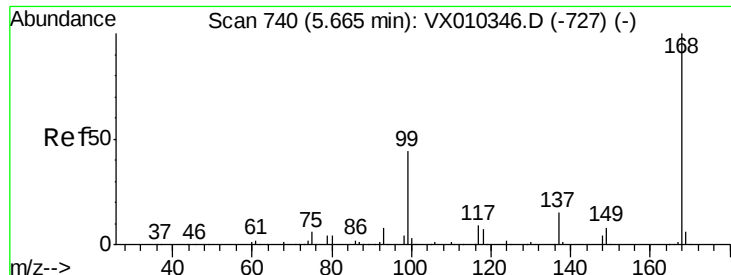
Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM

Quant Time: Jul 09 08:20:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	81974	46.631	ug/l	99
95) Naphthalene	13.83	128	573278	51.864	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	180119	50.365	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:168 Resp: 208081

Ion Ratio Lower Upper

168 100

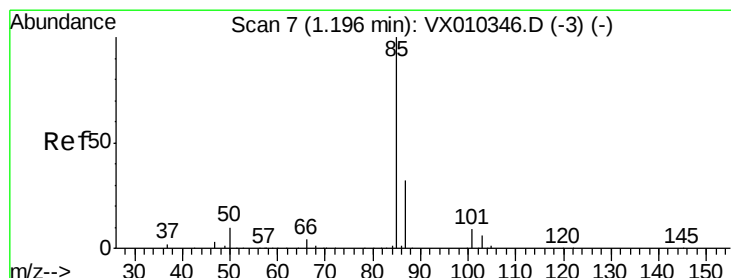
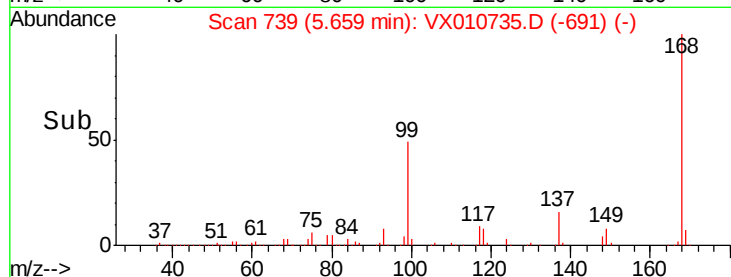
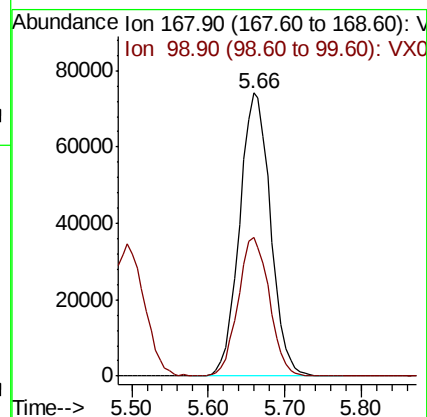
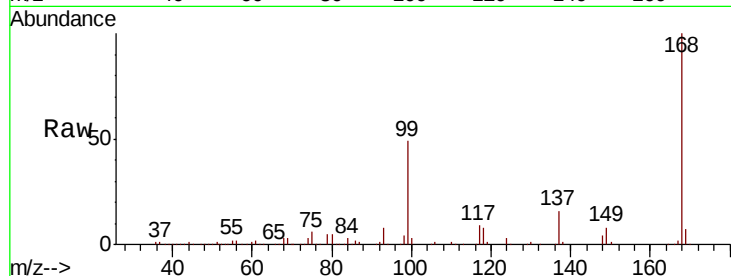
99 48.8 35.5 53.3

Manual Integrations

APPROVED

MMDadoda

7/9/2019 11:24:21 AM



#2

Dichlorodifluoromethane

Concen: 59.401 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010735.D

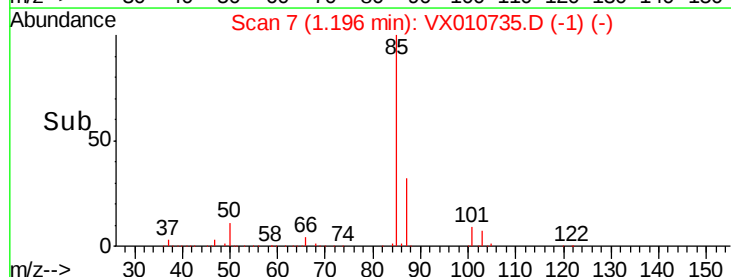
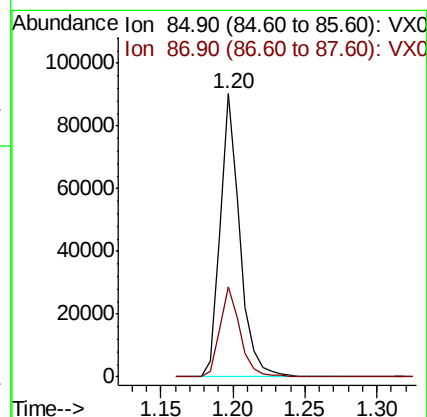
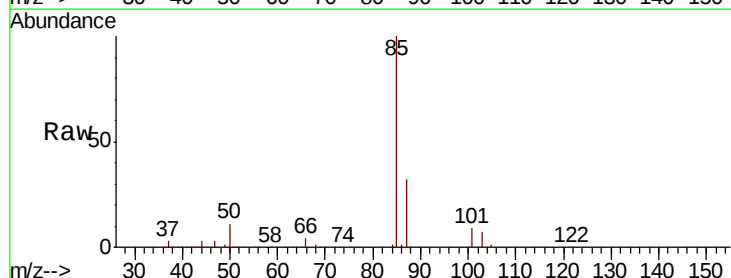
Acq: 09 Jul 2019 07:23

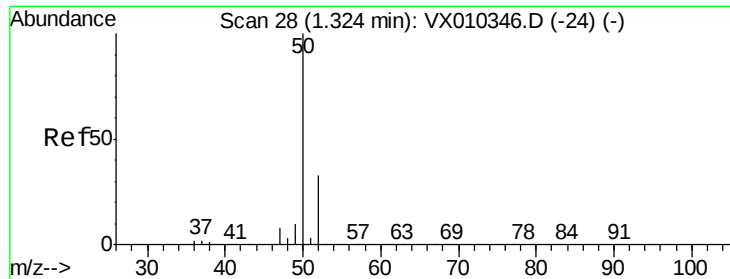
Tgt Ion: 85 Resp: 85931

Ion Ratio Lower Upper

85 100

87 31.7 16.3 48.8





#3

Chloromethane

Concen: 54.963 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion: 50 Resp: 92586

Ion Ratio Lower Upper

50 100

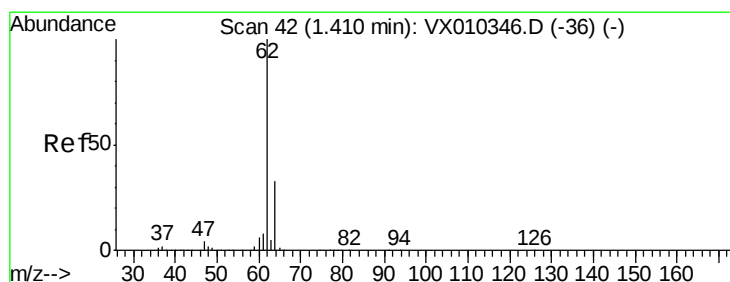
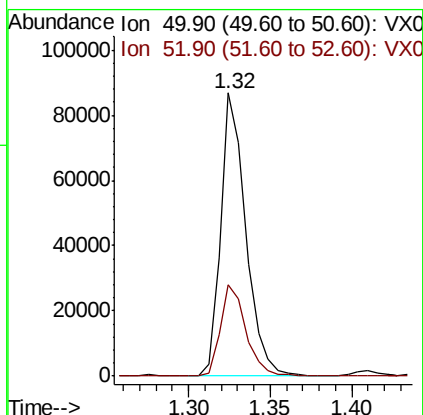
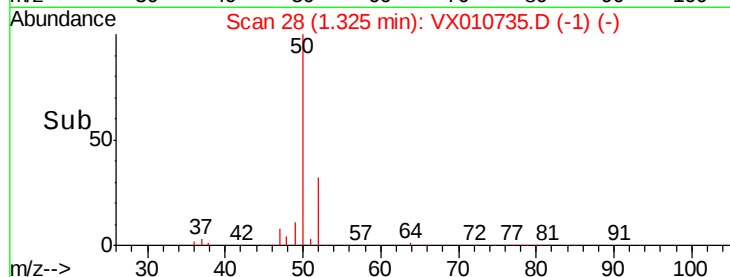
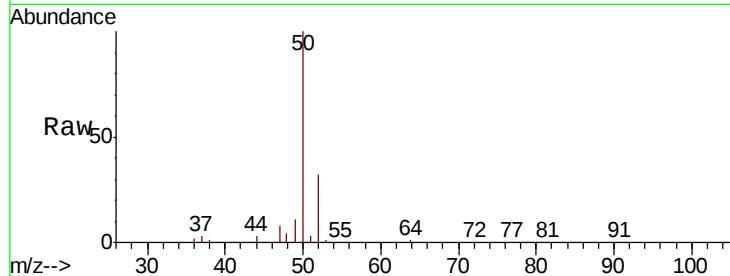
52 32.2 26.5 39.7

Manual Integrations

APPROVED

MMDadoda

7/9/2019 11:24:21 AM



#4

Vinyl Chloride

Concen: 122.138 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010735.D

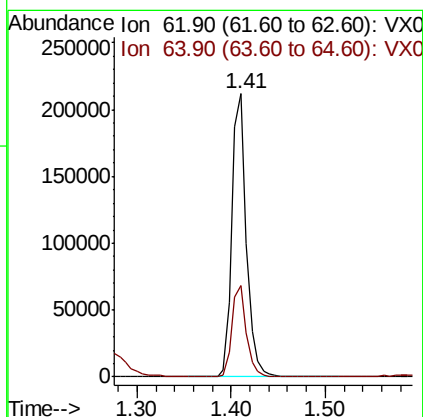
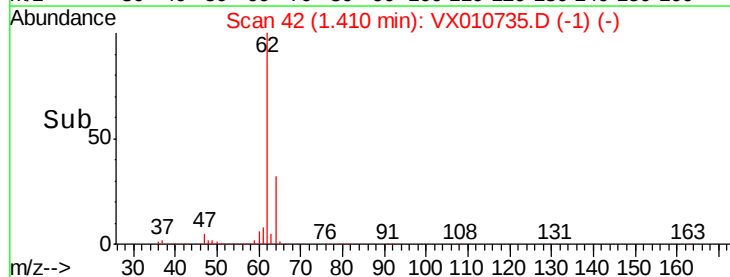
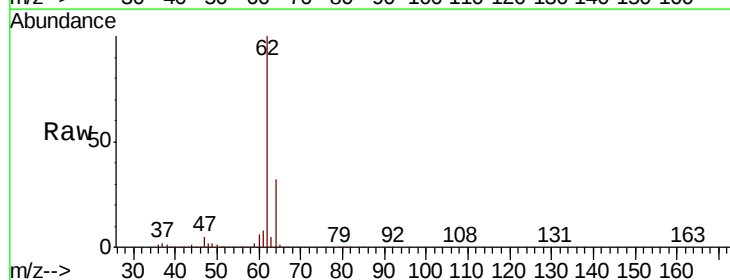
Acq: 09 Jul 2019 07:23

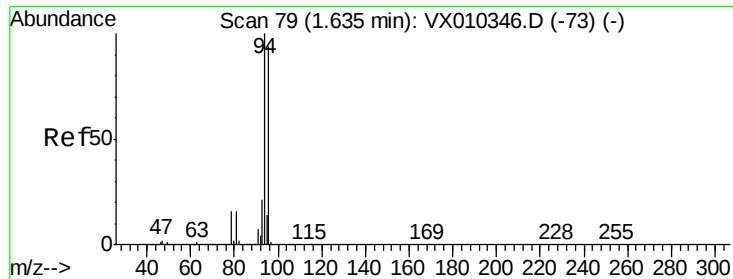
Tgt Ion: 62 Resp: 225352

Ion Ratio Lower Upper

62 100

64 32.2 26.2 39.4





#5

Bromomethane

Concen: 56.029 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion: 94 Resp: 50363

Ion Ratio Lower Upper

94 100

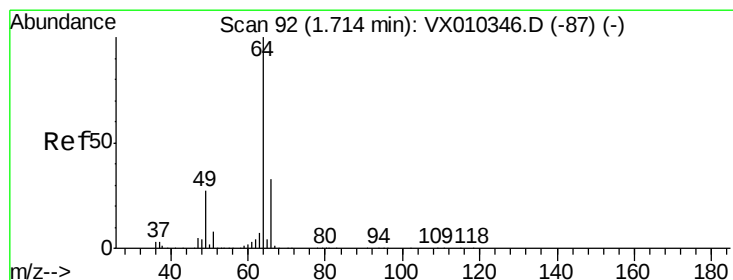
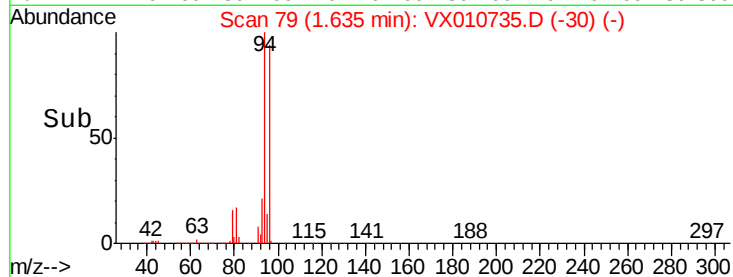
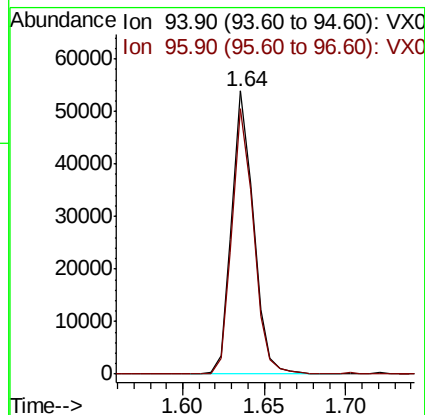
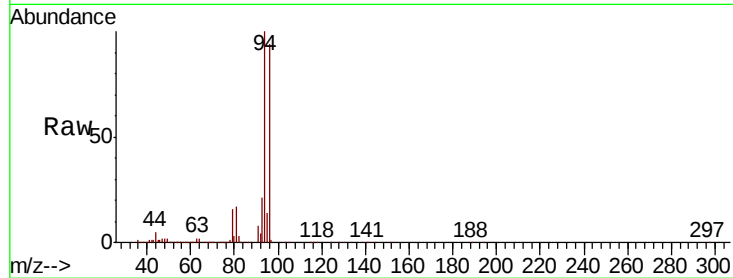
96 93.5 75.5 113.3

Manual Integrations

APPROVED

MMDadoda

7/9/2019 11:24:21 AM



#6

Chloroethane

Concen: 58.312 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010735.D

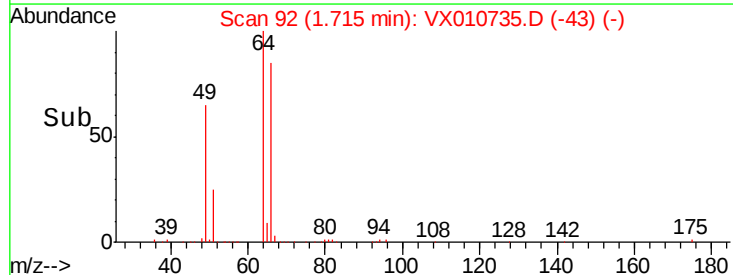
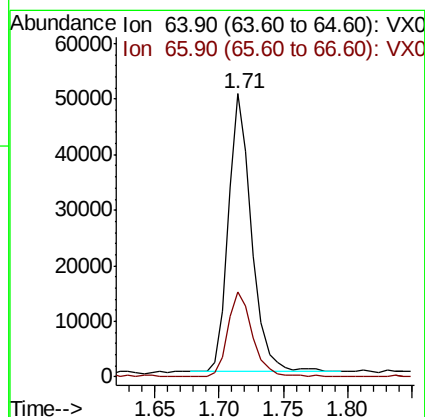
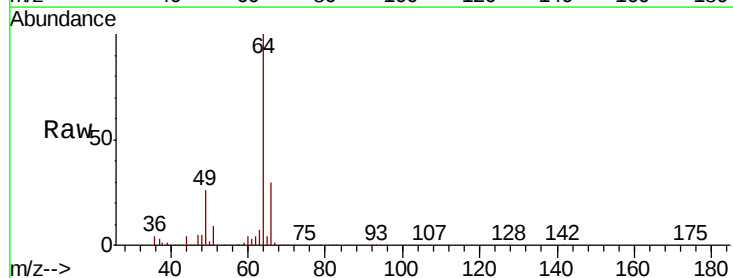
Acq: 09 Jul 2019 07:23

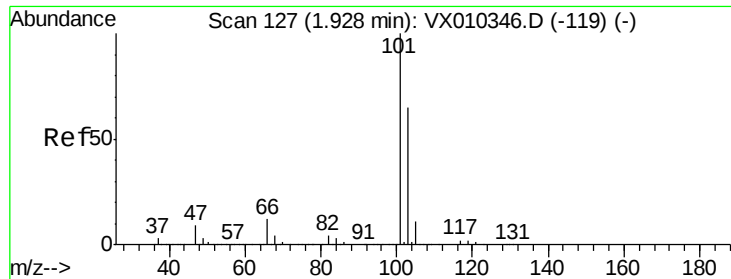
Tgt Ion: 64 Resp: 63475

Ion Ratio Lower Upper

64 100

66 30.2 26.6 40.0





#7

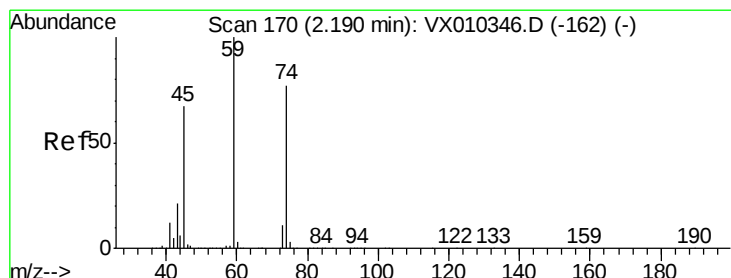
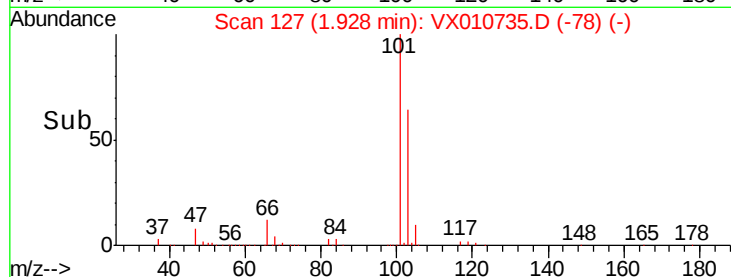
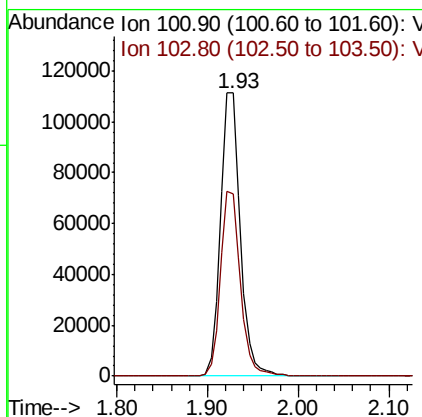
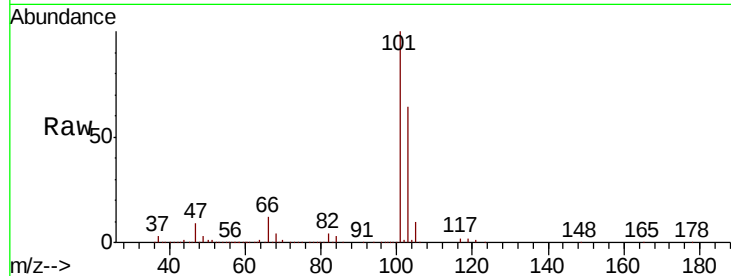
Trichlorofluoromethane
Concen: 58.323 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
101	100		
103	64.4	52.3	78.5

Manual Integrations
APPROVED

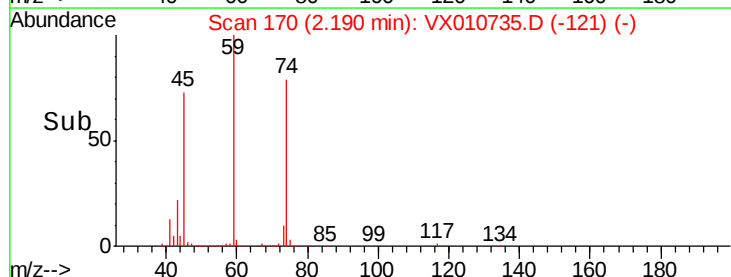
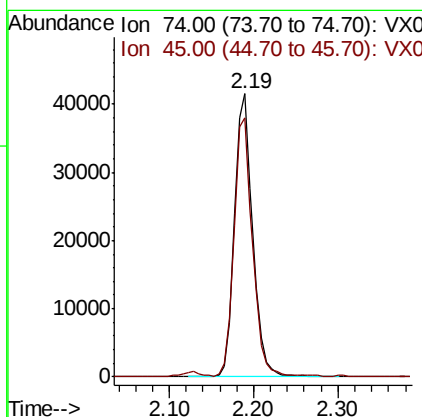
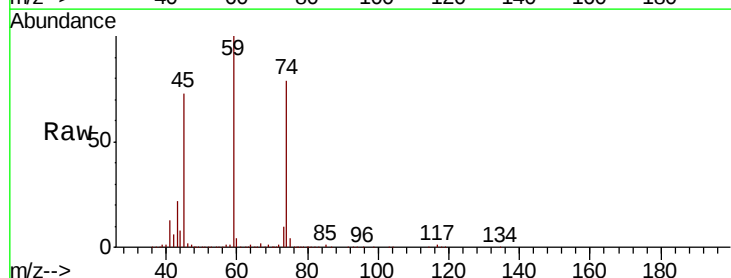
MMDadoda
7/9/2019 11:24:21 AM

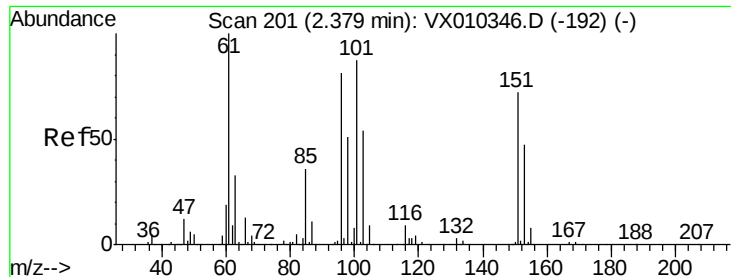


#8

Diethyl Ether
Concen: 57.655 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	92.0	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.682 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

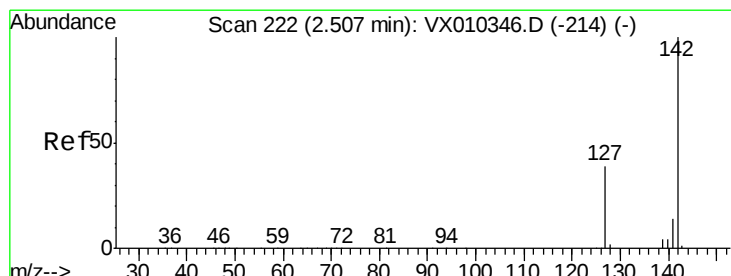
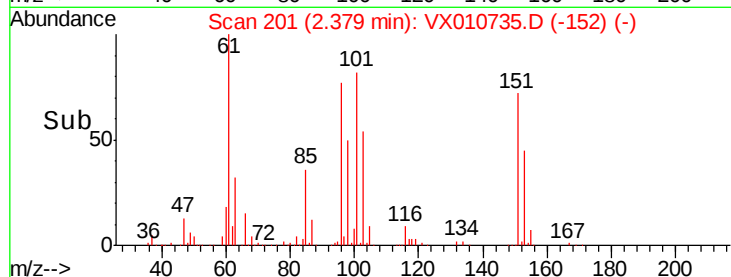
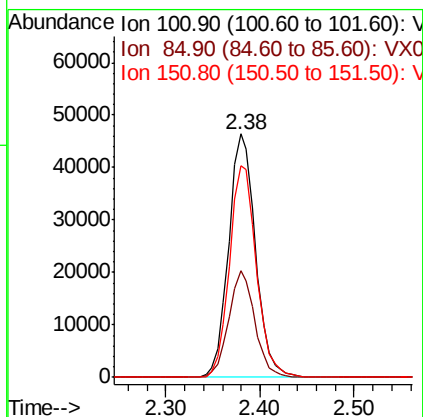
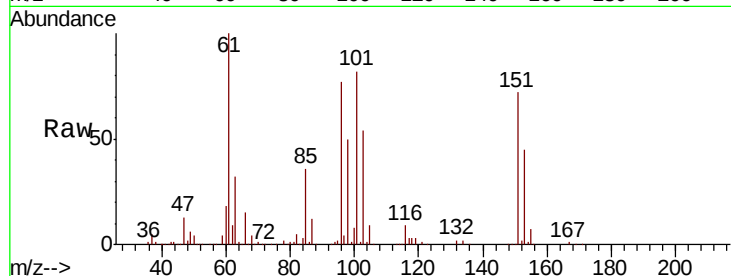
ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:	101	Resp:	91605
Ion Ratio	Lower	Upper	
101	100		
85	42.9	33.7	50.5
151	87.2	70.1	105.1

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#10

Methyl Iodide

Concen: 49.171 ug/l

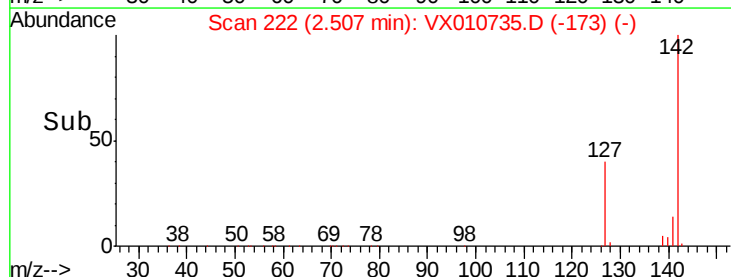
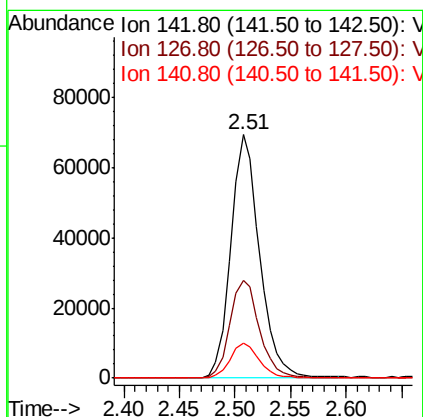
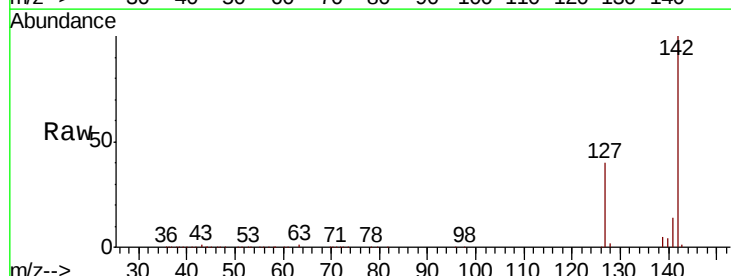
RT: 2.51 min Scan# 222

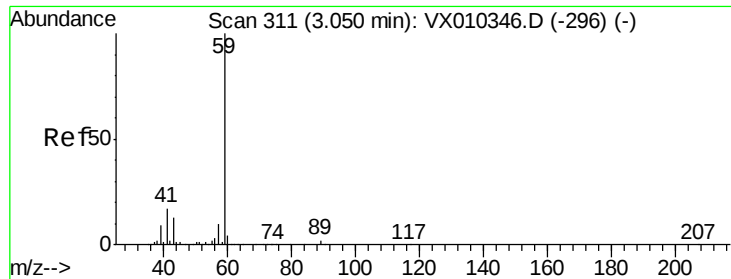
Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Tgt Ion:	142	Resp:	124381
Ion Ratio	Lower	Upper	
142	100		
127	41.4	31.1	46.7
141	14.6	11.2	16.8





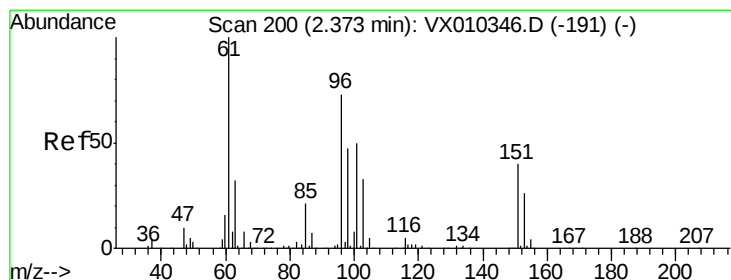
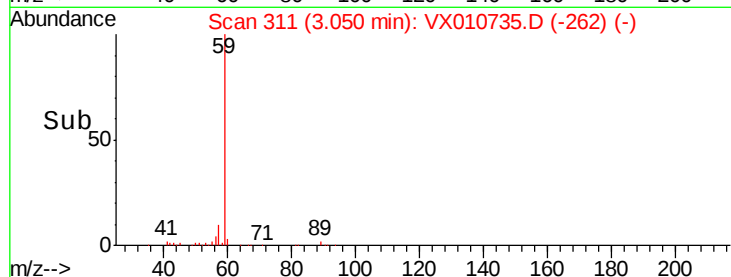
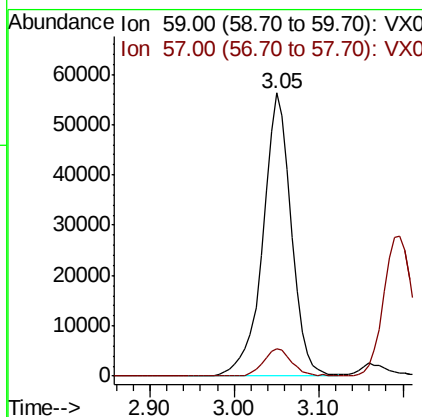
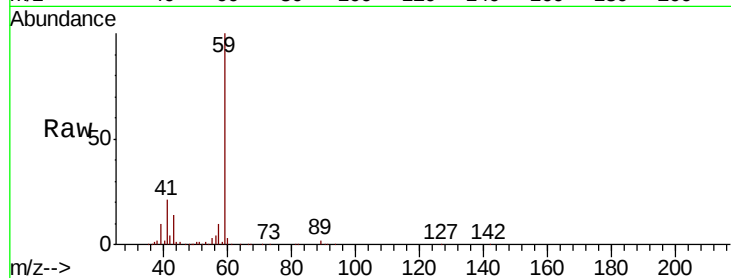
#11
Tert butyl alcohol
Concen: 256.752 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion: 59 Resp: 131073
Ion Ratio Lower Upper
59 100
57 9.4 7.7 11.5

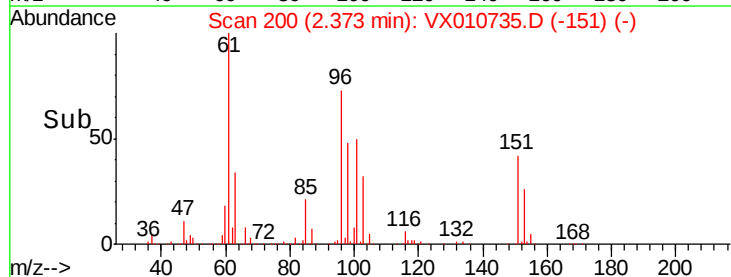
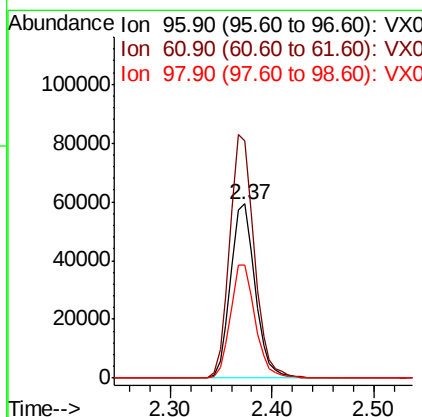
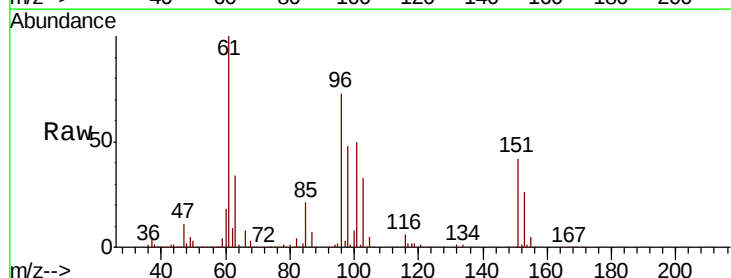
Manual Integrations
APPROVED

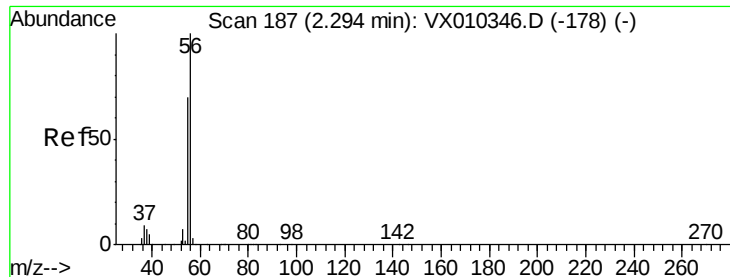
MMDadoda
7/9/2019 11:24:21 AM



#12
1,1-Dichloroethene
Concen: 54.580 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion: 96 Resp: 98441
Ion Ratio Lower Upper
96 100
61 136.2 109.2 163.8
98 65.2 51.1 76.7





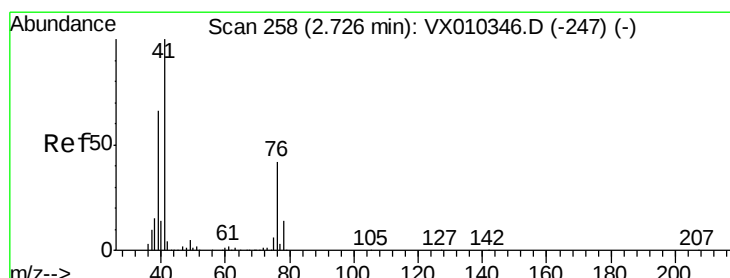
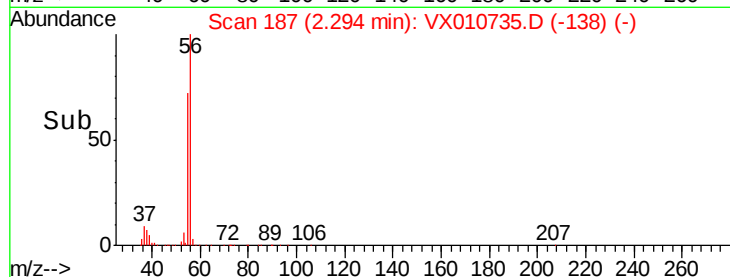
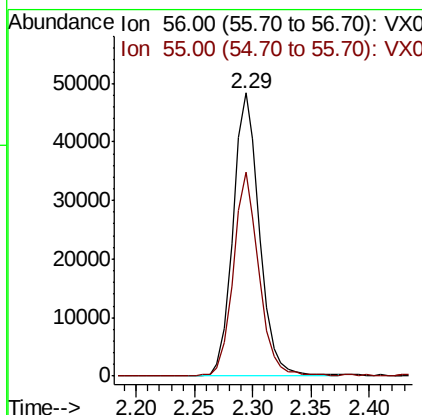
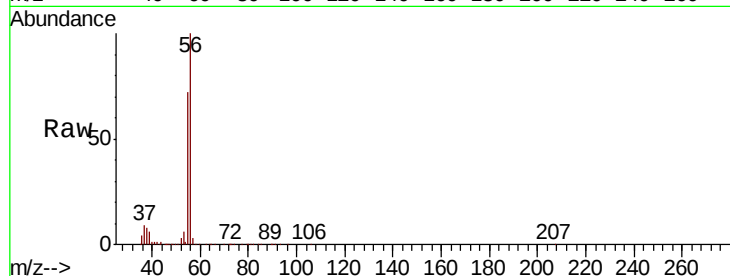
#13
Acrolein
Concen: 225.388 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.9	56.9	85.3

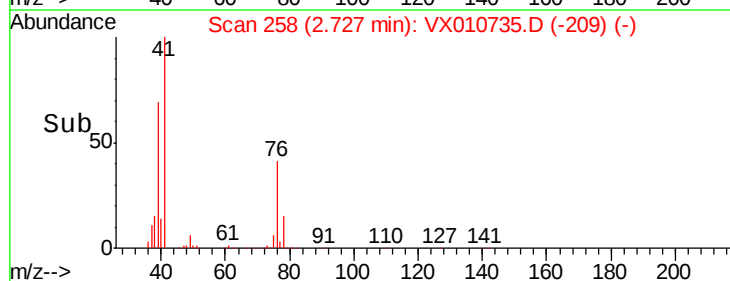
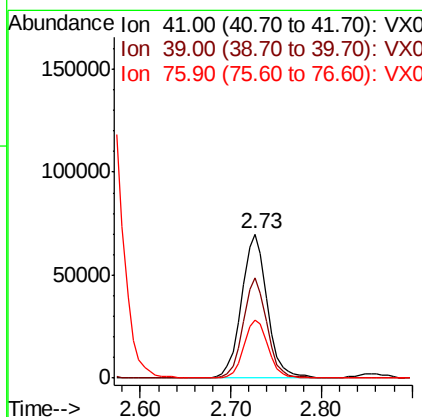
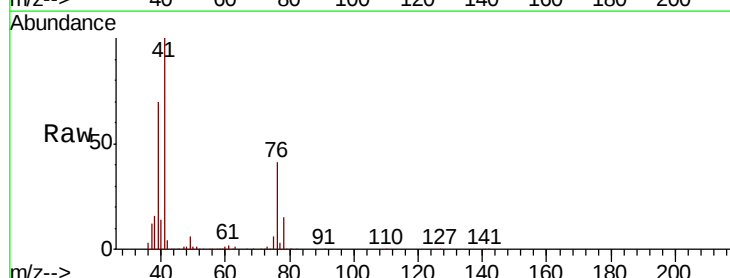
Manual Integrations
APPROVED

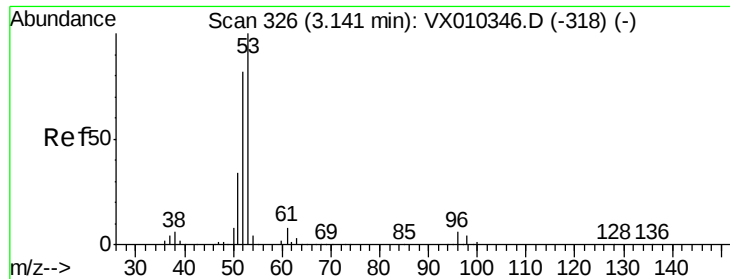
MMDadoda
7/9/2019 11:24:21 AM



#14
Allyl chloride
Concen: 53.723 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.6	50.3	75.5
76	37.7	31.3	46.9





#15

Acrylonitrile

Concen: 283.404 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

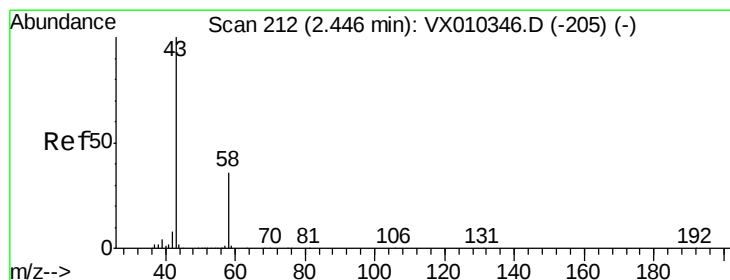
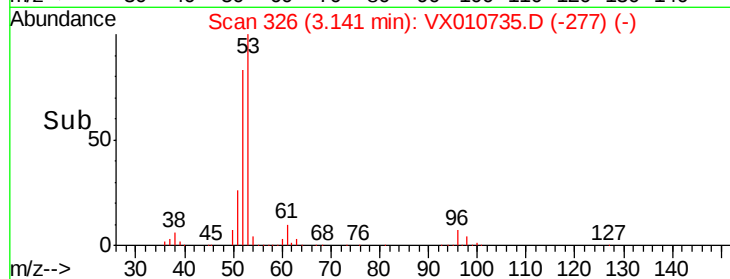
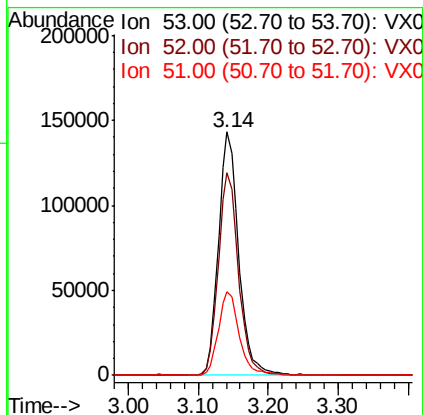
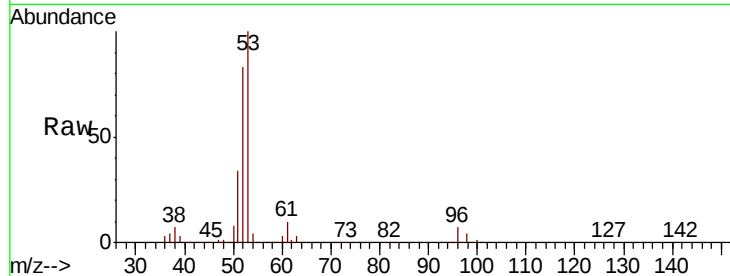
ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:	53	Resp:	286448
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.5	98.3
51	35.4	28.2	42.4

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#16

Acetone

Concen: 241.604 ug/l

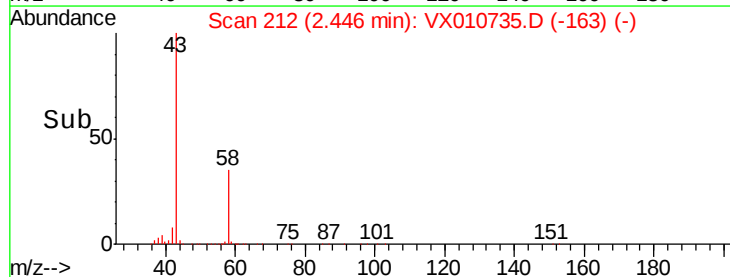
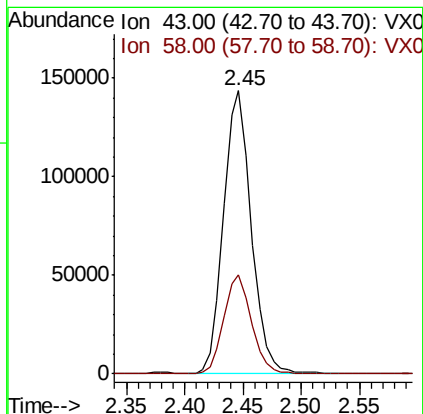
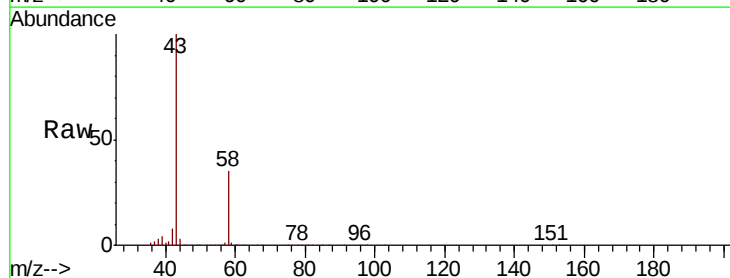
RT: 2.45 min Scan# 212

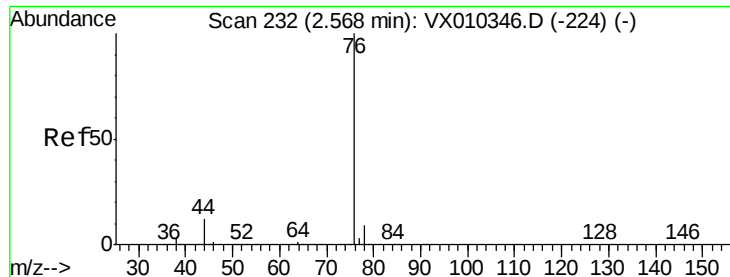
Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Tgt Ion:	43	Resp:	236232
Ion	Ratio	Lower	Upper
43	100		
58	34.8	28.9	43.3





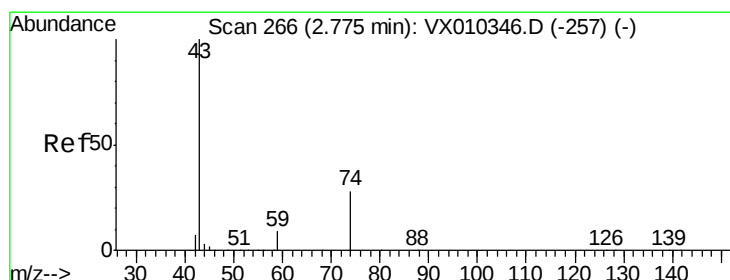
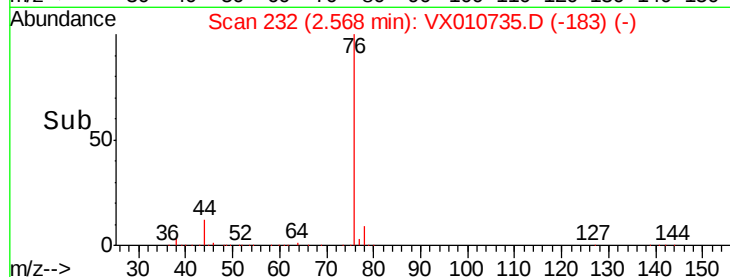
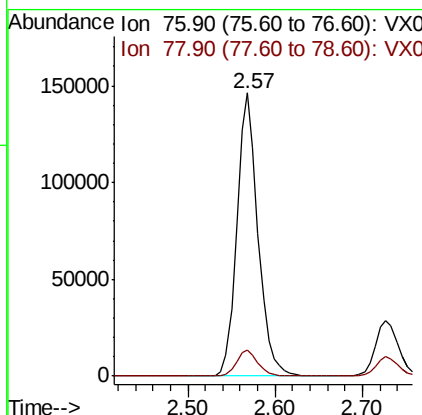
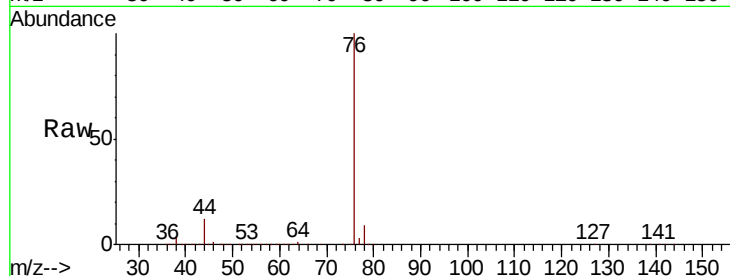
#17
Carbon Disulfide
Concen: 50.817 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion: 76 Resp: 245892
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9

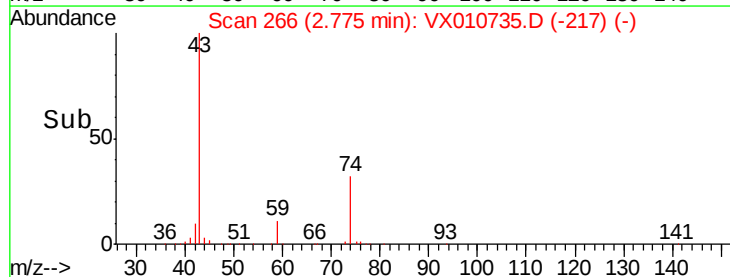
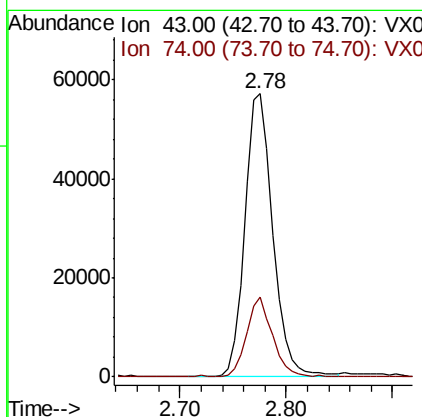
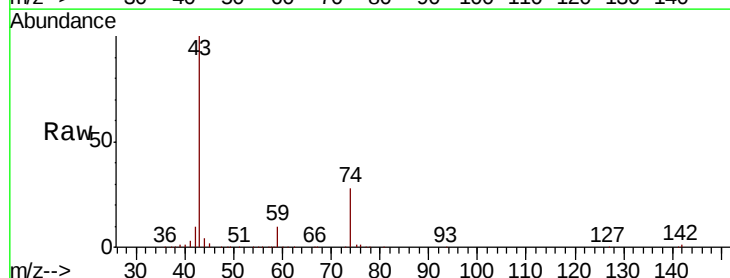
Manual Integrations
APPROVED

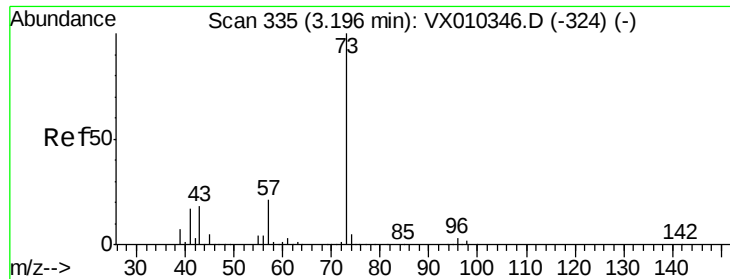
MMDadoda
7/9/2019 11:24:21 AM



#18
Methyl Acetate
Concen: 53.898 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion: 43 Resp: 105033
Ion Ratio Lower Upper
43 100
74 26.8 21.3 31.9





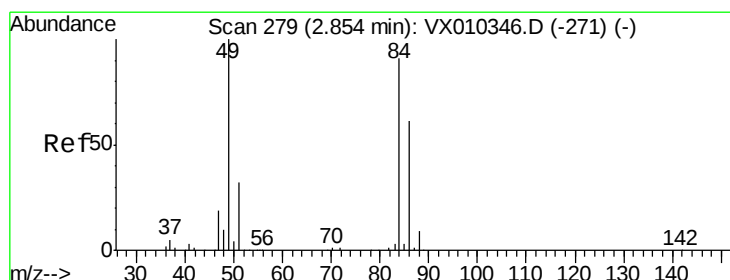
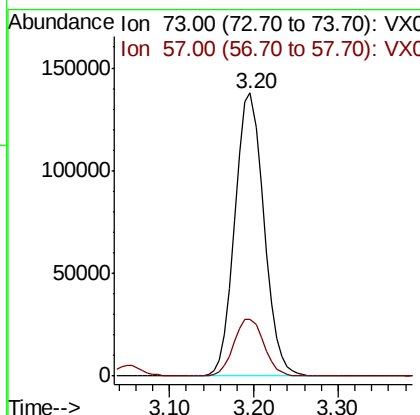
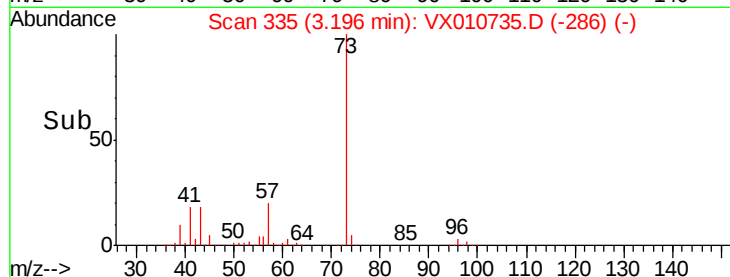
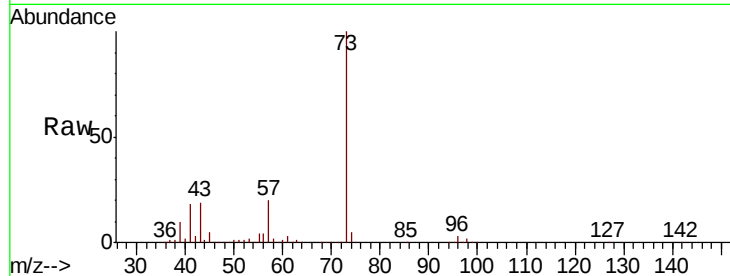
#19
Methyl tert-butyl Ether
Concen: 56.606 ug/l
RT: 3.20 min Scan# 335
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion: 73 Resp: 321180
Ion Ratio Lower Upper
73 100
57 20.2 16.4 24.6

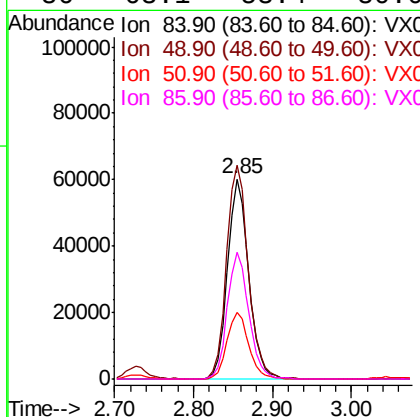
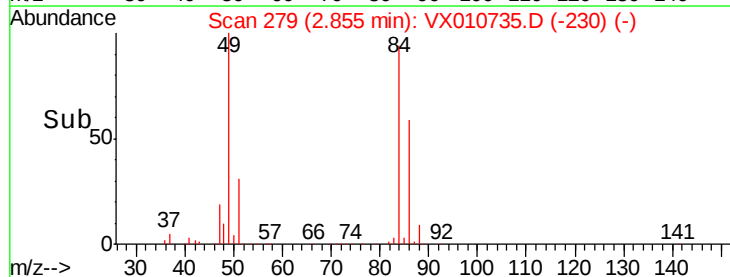
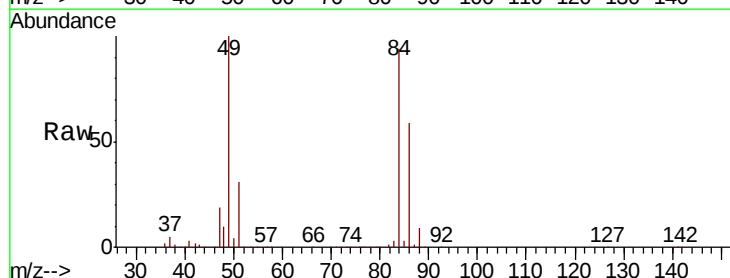
Manual Integrations
APPROVED

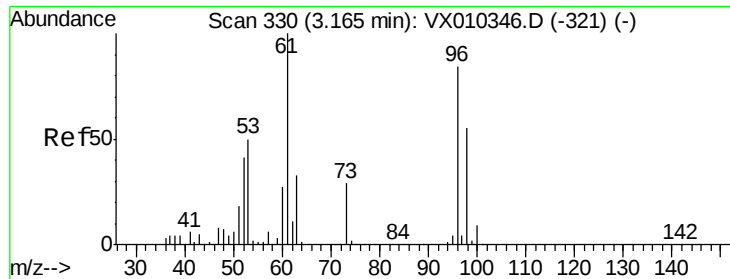
MMDadoda
7/9/2019 11:24:21 AM



#20
Methylene Chloride
Concen: 55.987 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion: 84 Resp: 112656
Ion Ratio Lower Upper
84 100
49 106.5 87.5 131.3
51 33.2 27.7 41.5
86 63.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 54.774 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

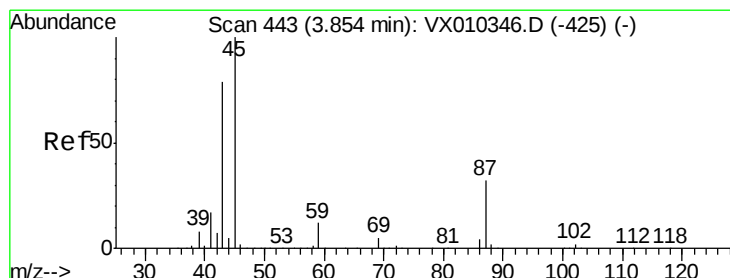
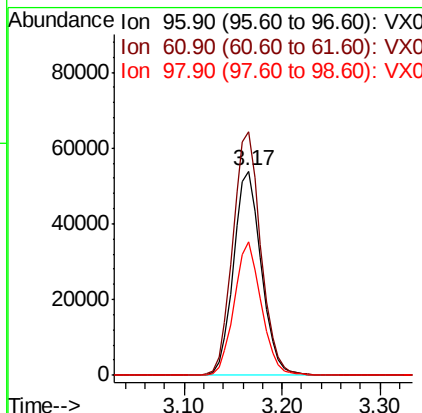
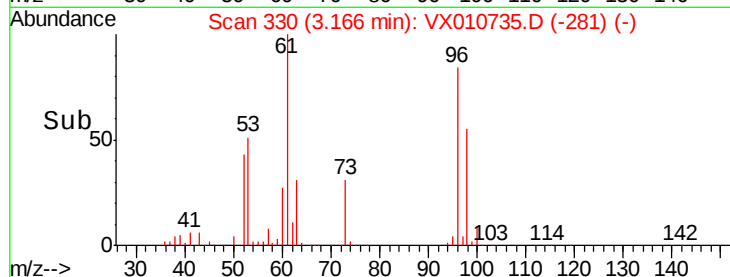
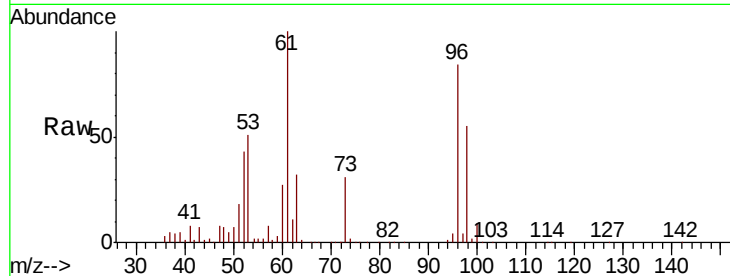
ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:	96	Resp:	106250
Ion	Ratio	Lower	Upper
96	100		
61	119.0	95.6	143.4
98	65.6	52.5	78.7

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#22

Diisopropyl ether

Concen: 56.613 ug/l

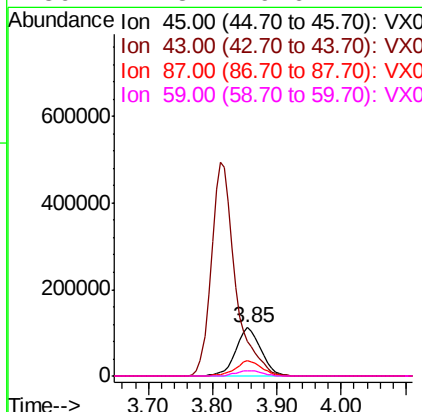
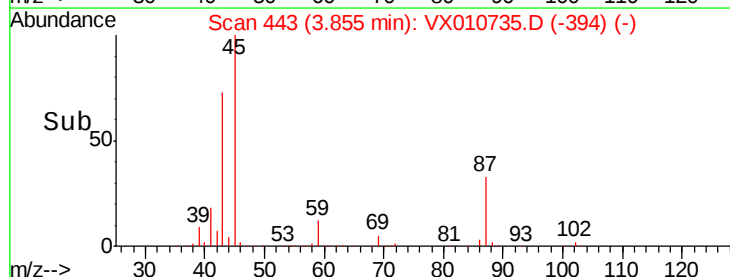
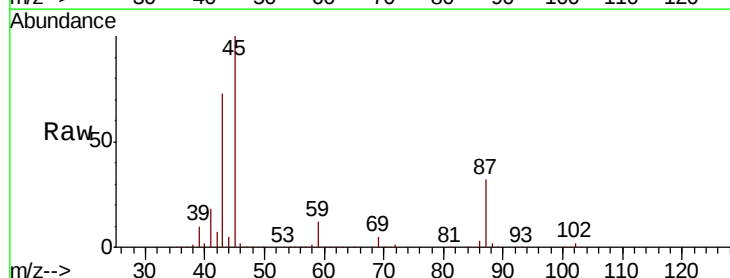
RT: 3.85 min Scan# 443

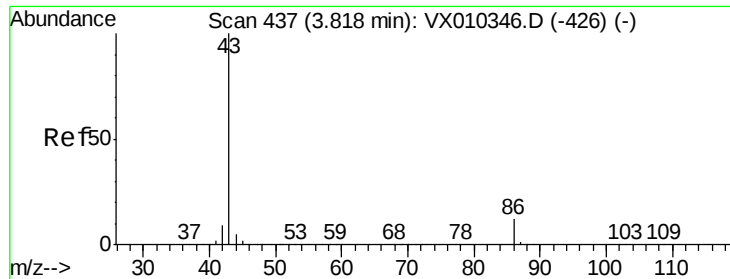
Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Tgt Ion:	45	Resp:	303085
Ion	Ratio	Lower	Upper
45	100		
43	72.5	63.3	94.9
87	32.5	25.8	38.8
59	11.8	9.6	14.4





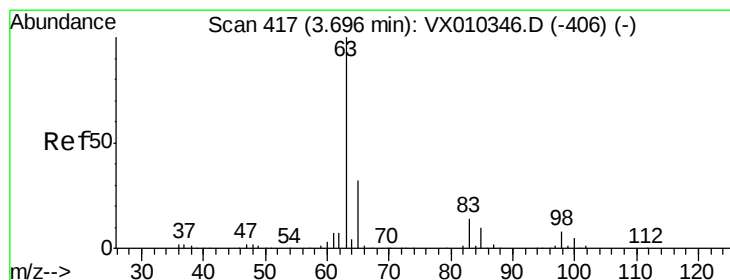
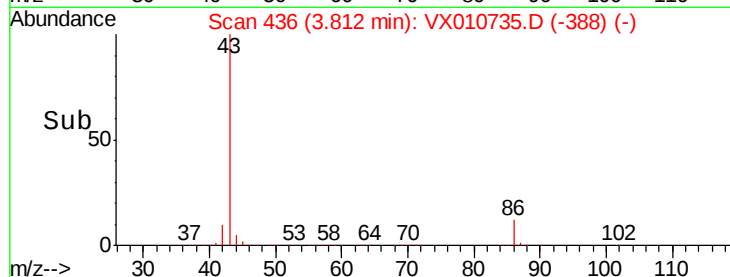
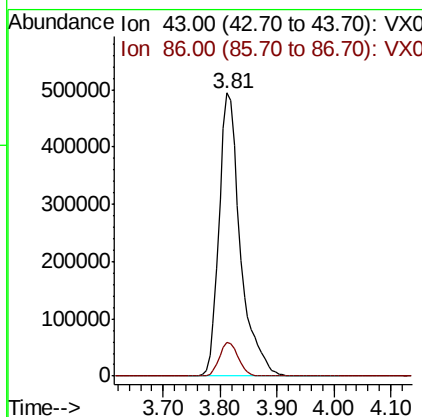
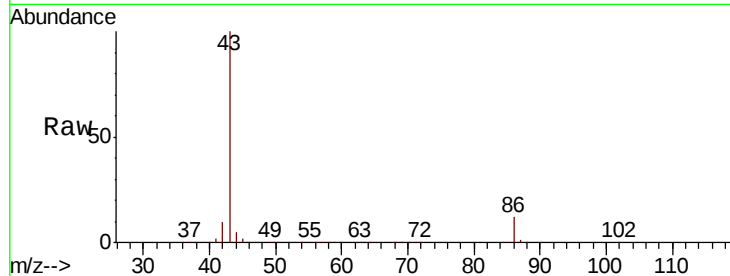
#23
 Vinyl Acetate
 Concen: 278.397 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion: 43 Resp: 1287572
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.9 14.9

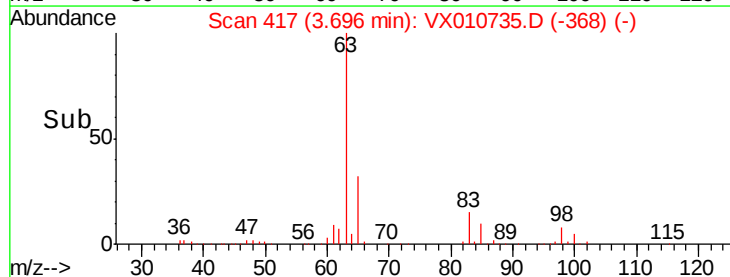
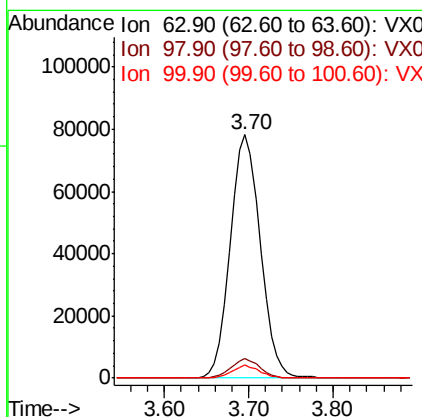
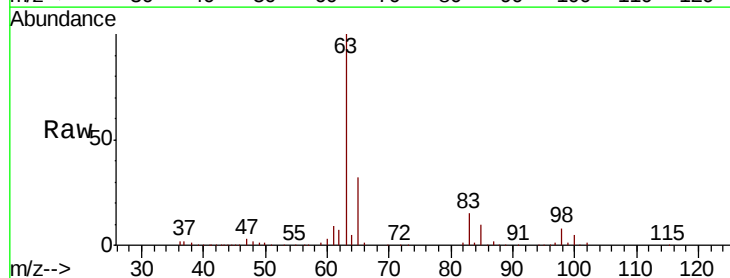
Manual Integrations
 APPROVED

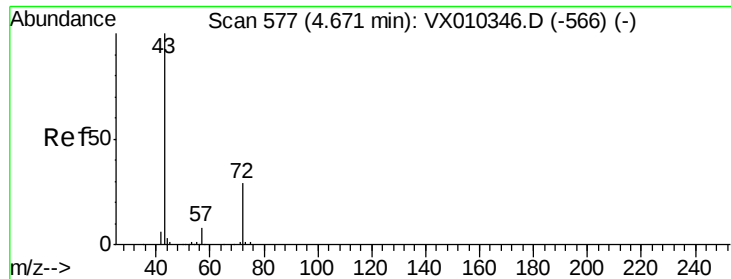
MMDadoda
 7/9/2019 11:24:21 AM



#24
 1,1-Dichloroethane
 Concen: 61.120 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion: 63 Resp: 189140
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.9 11.7
 100 5.3 2.4 7.1





#25

2-Butanone

Concen: 269.416 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion: 43 Resp: 386412

Ion Ratio Lower Upper

43 100

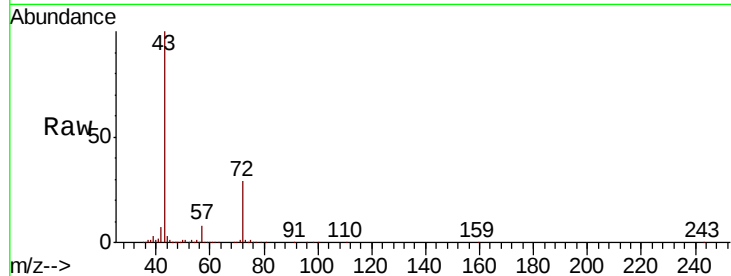
72 28.5 23.3 34.9

Manual Integrations

APPROVED

MMDadoda

7/9/2019 11:24:21 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

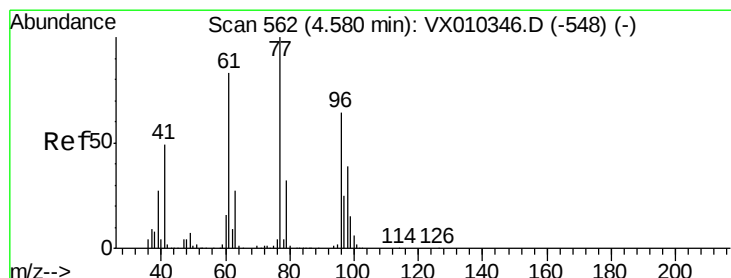
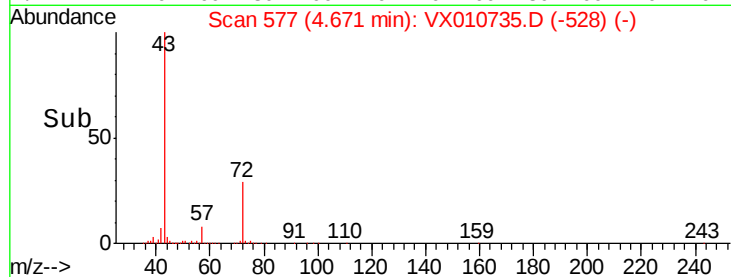
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 29.498 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010735.D

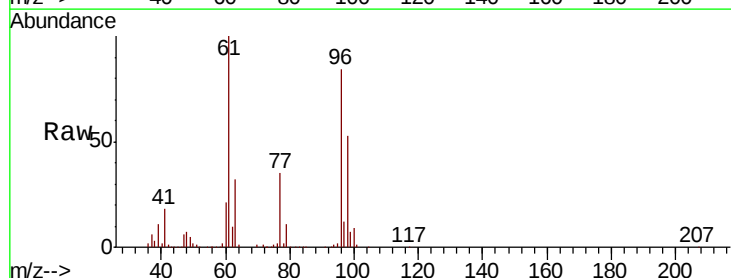
Acq: 09 Jul 2019 07:23

Tgt Ion: 77 Resp: 79298

Ion Ratio Lower Upper

77 100

97 30.9 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

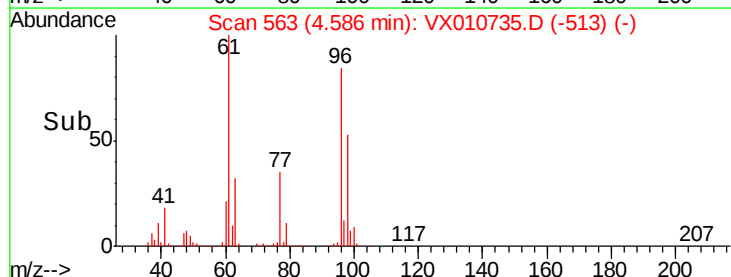
10000

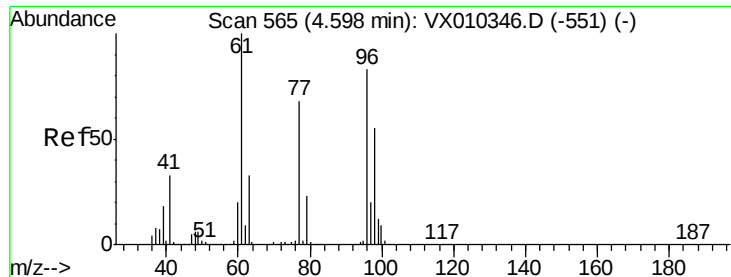
5000

0

4.50 4.60 4.70

Time-->





#27

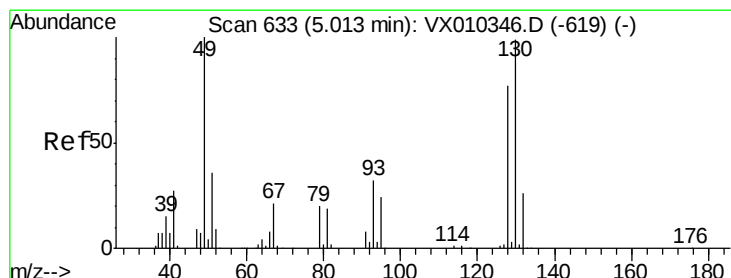
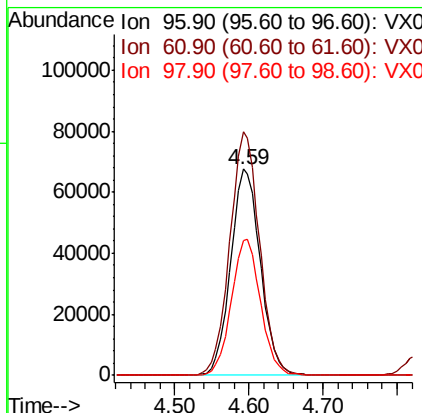
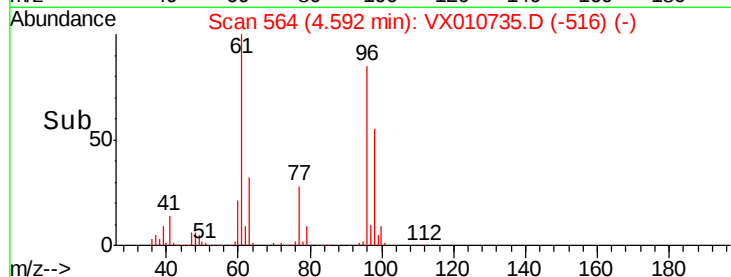
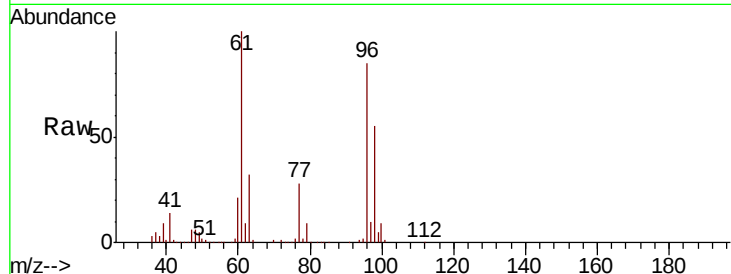
cis-1,2-Dichloroethene
 Concen: 84.340 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	189056		
61	118.5	0.0	251.8	
98	65.2	0.0	129.4	

Manual Integrations
 APPROVED

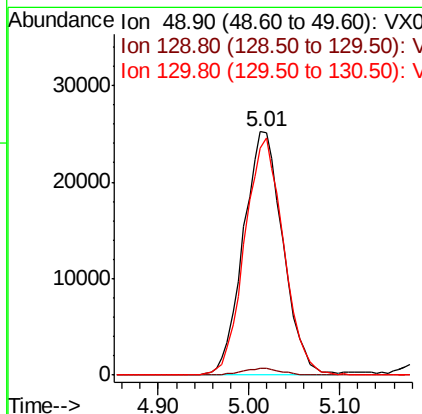
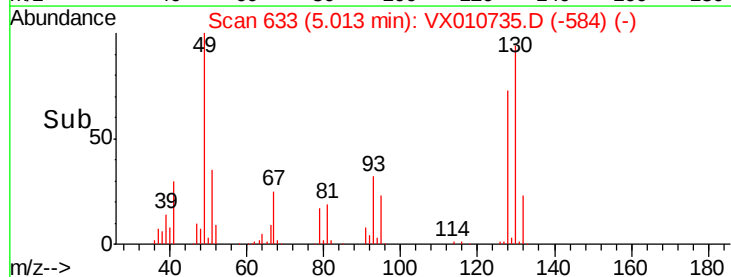
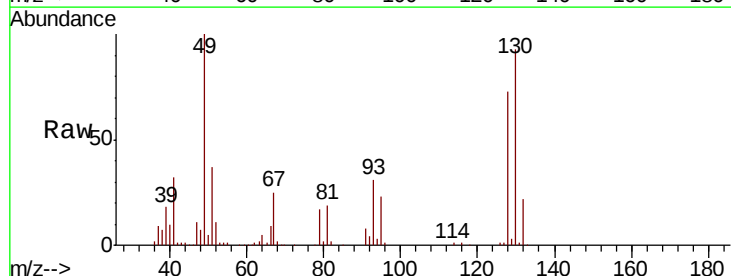
MMDadoda
 7/9/2019 11:24:21 AM

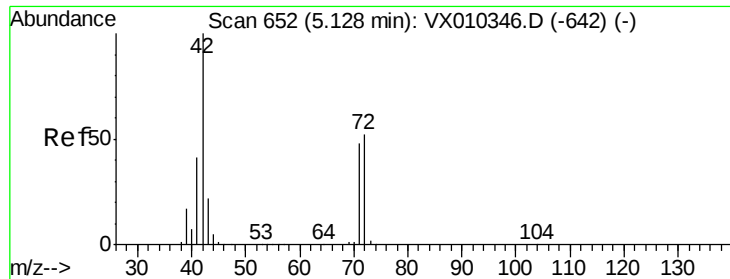


#28

Bromochloromethane
 Concen: 51.549 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	76271		
129	2.6	0.0	5.6	
130	95.4	81.4	122.0	





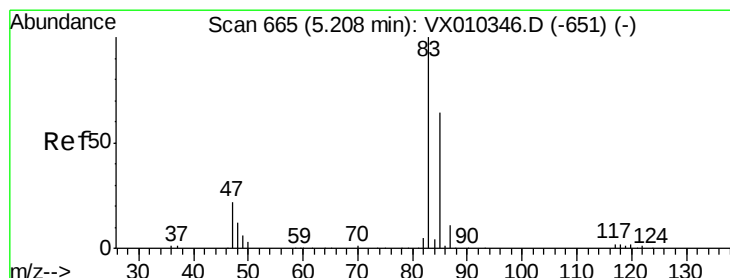
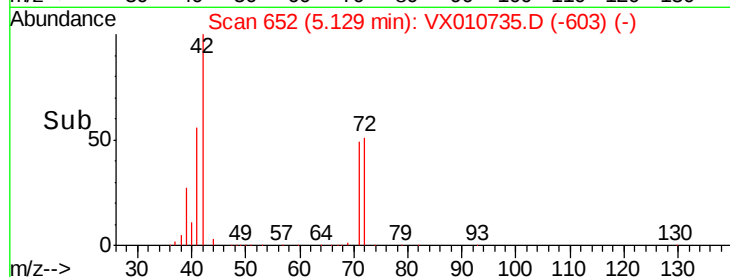
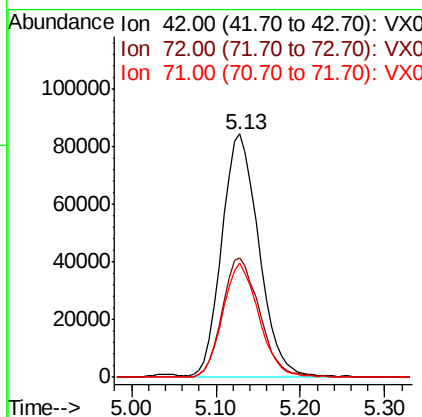
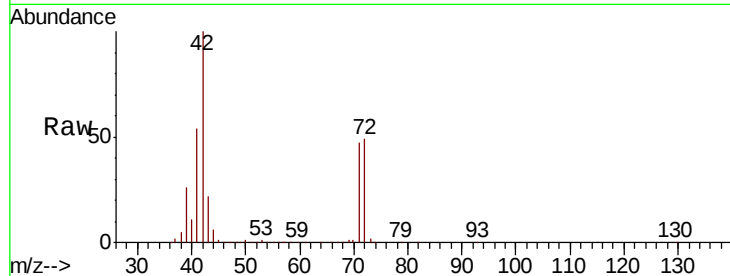
#29
Tetrahydrofuran
Concen: 282.962 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.2	40.6	60.8
71	46.1	37.8	56.8

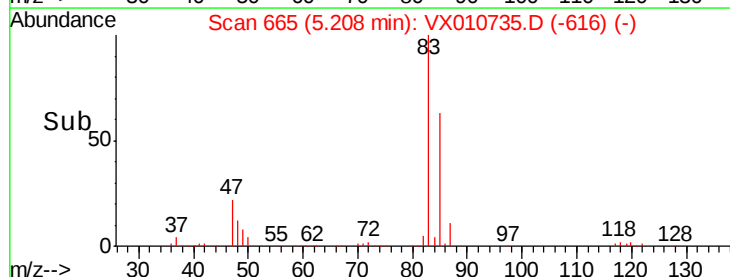
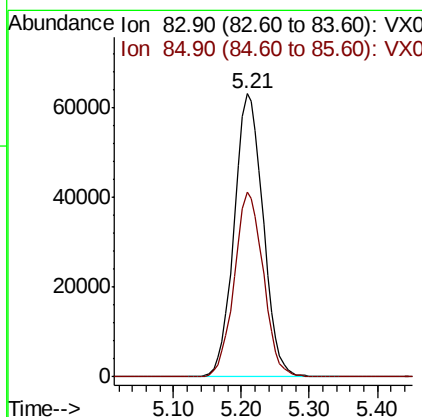
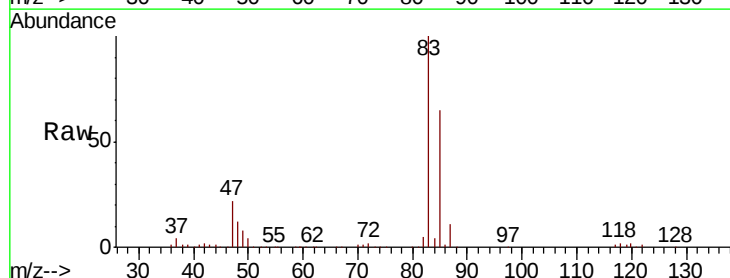
Manual Integrations
APPROVED

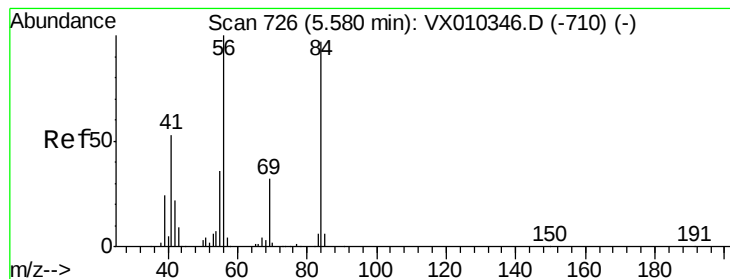
MMDadoda
7/9/2019 11:24:21 AM



#30
Chloroform
Concen: 56.013 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	50.9	76.3





#31

Cyclohexane

Concen: 54.208 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

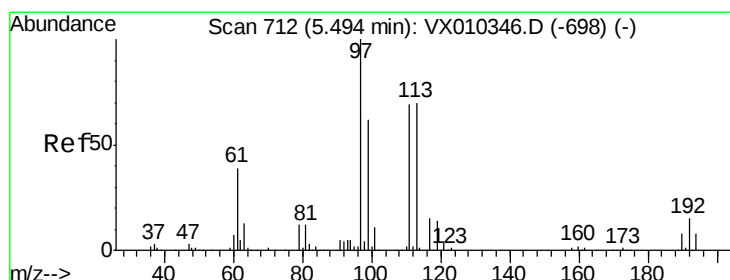
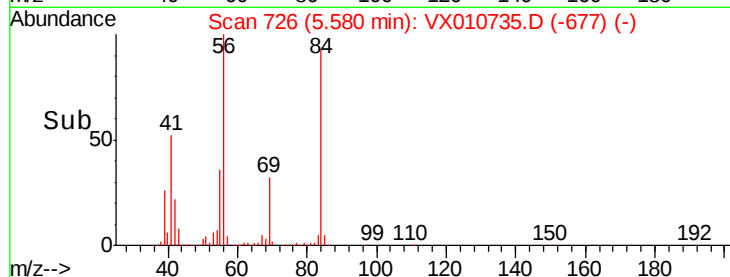
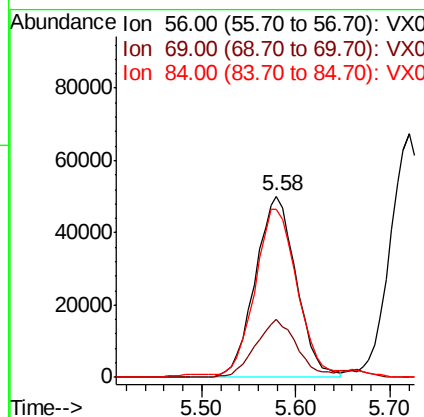
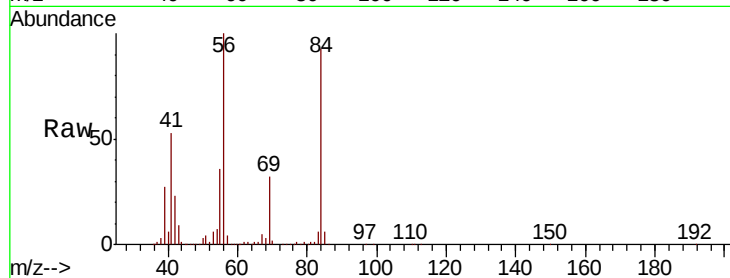
ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:	56	Resp:	152762
Ion	Ratio	Lower	Upper
56	100		
69	32.1	25.9	38.9
84	91.3	78.0	117.0

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#32

1,1,1-Trichloroethane

Concen: 54.720 ug/l

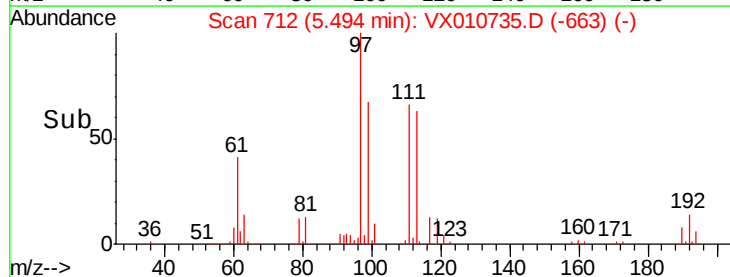
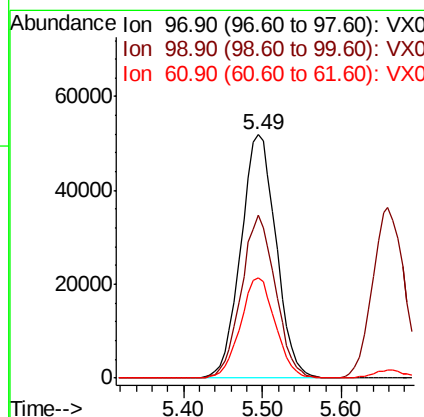
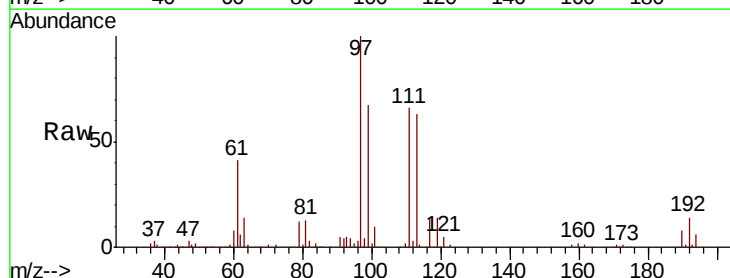
RT: 5.49 min Scan# 712

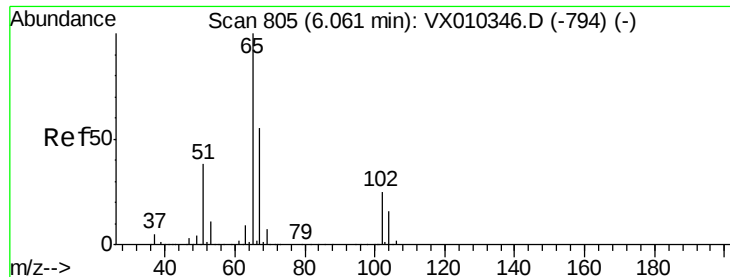
Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Tgt Ion:	97	Resp:	160877
Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.8	77.8
61	41.2	32.1	48.1





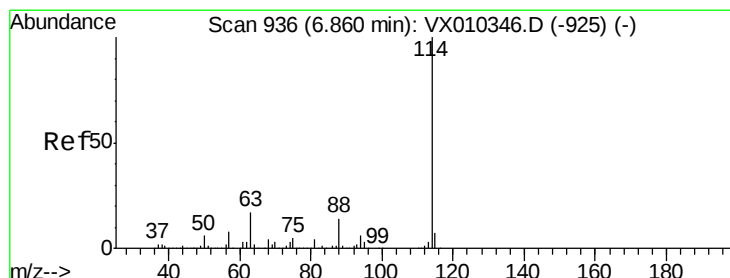
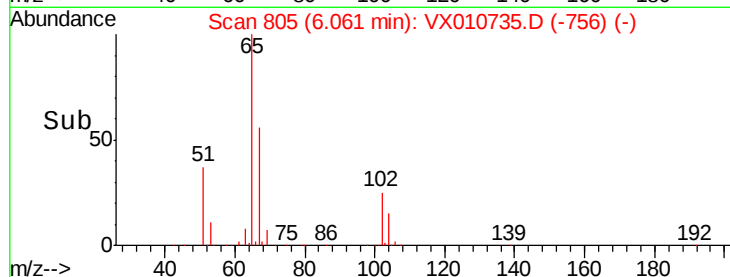
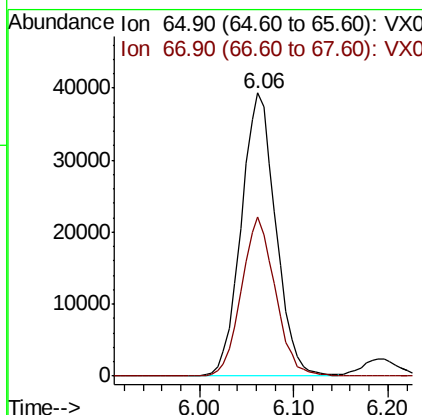
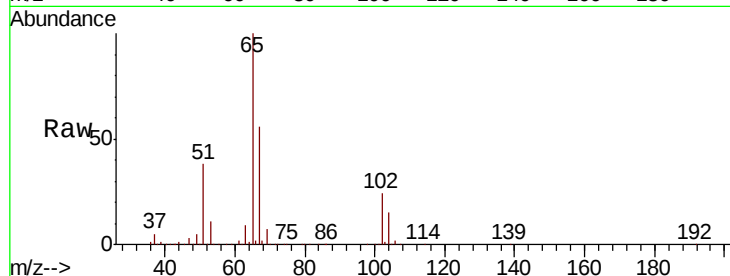
#33
 1,2-Dichloroethane-d4
 Concen: 51.767 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	100996		
67	55.2	0.0	110.2	

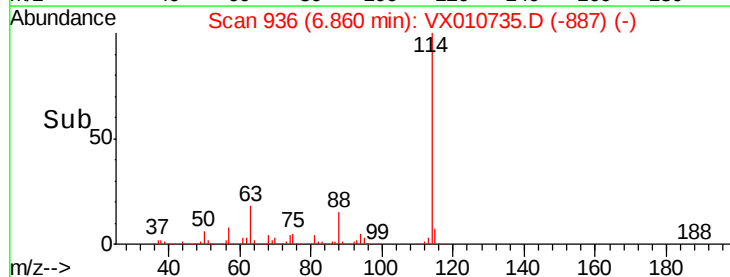
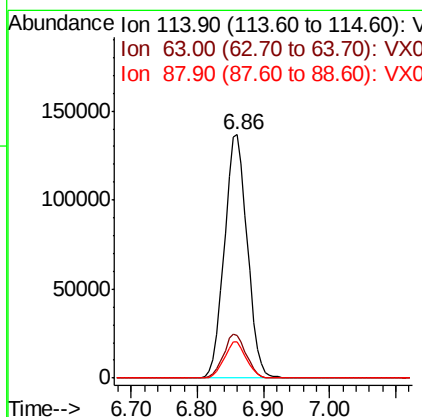
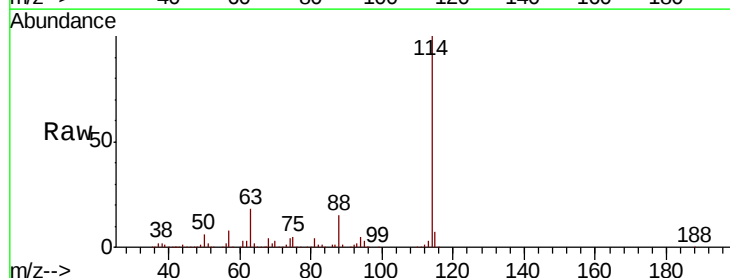
Manual Integrations
 APPROVED

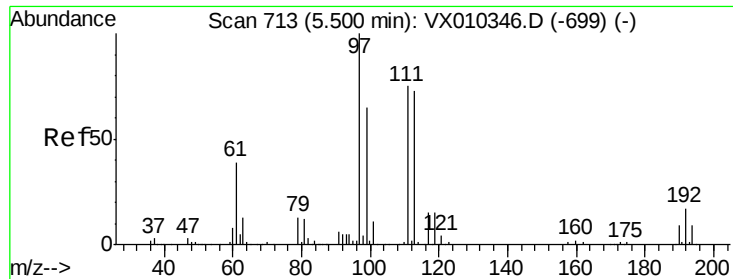
MMDadoda
 7/9/2019 11:24:21 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	327028		
63	17.5	0.0	33.8	
88	15.1	0.0	27.6	





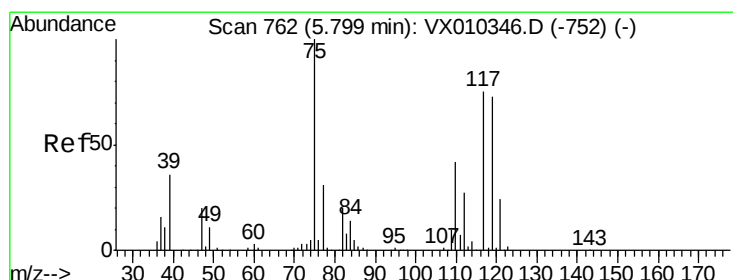
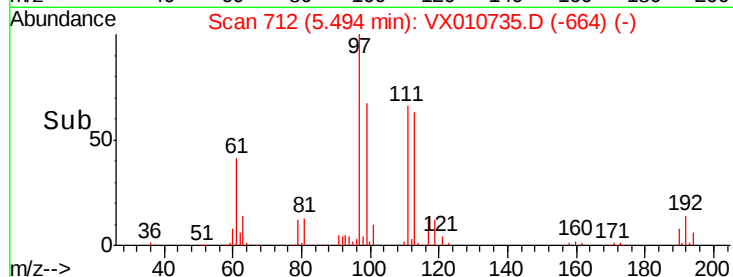
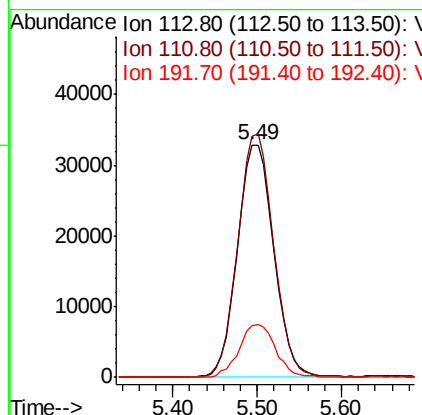
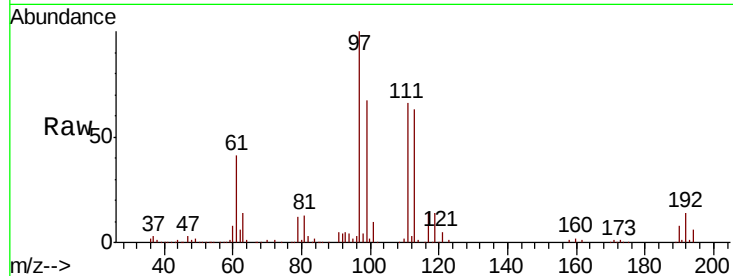
#35
 Dibromofluoromethane
 Concen: 48.061 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.01 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	96164		
111	103.0	81.2	121.8	
192	22.7	18.6	27.8	

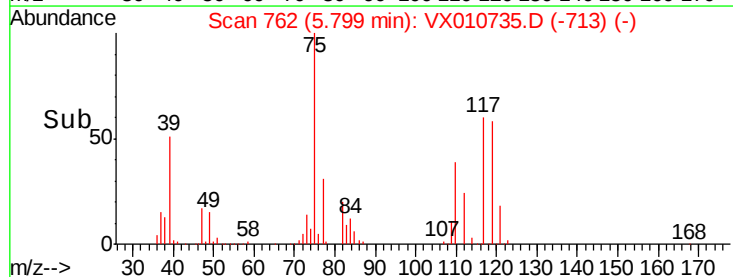
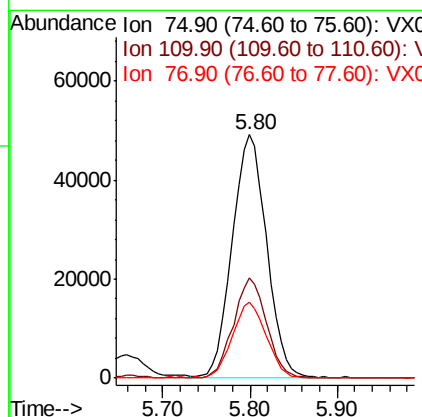
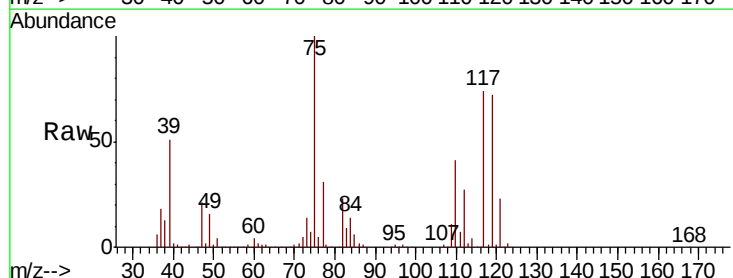
Manual Integrations
 APPROVED

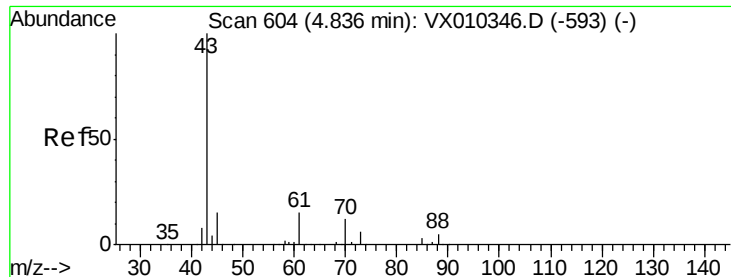
MMDadoda
 7/9/2019 11:24:21 AM



#36
 1,1-Dichloropropene
 Concen: 51.625 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	134161		
110	39.7	20.8	62.2	
77	30.6	25.4	38.0	





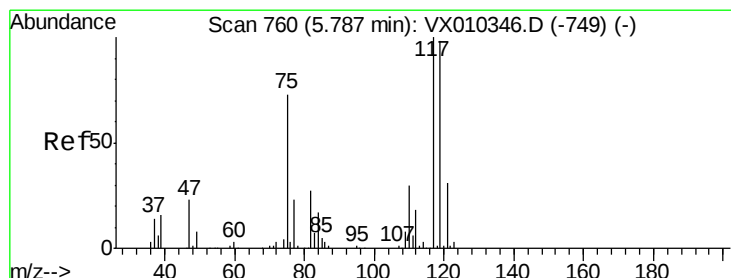
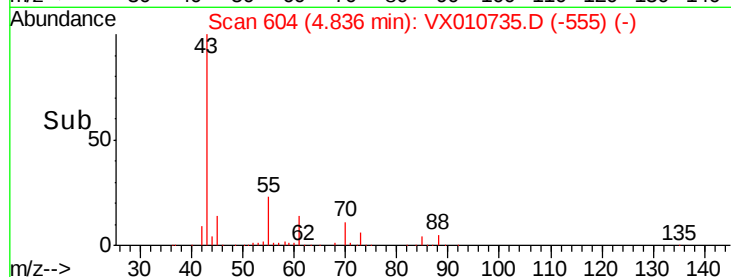
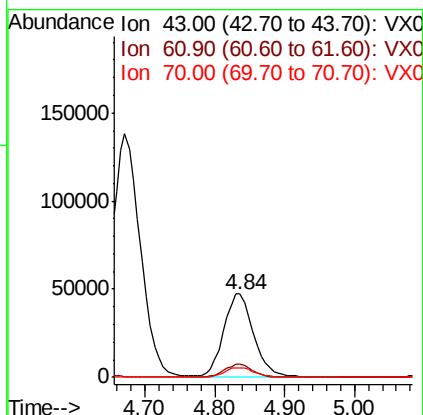
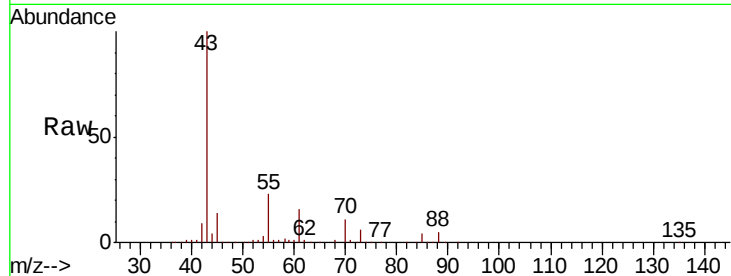
#37
Ethyl Acetate
Concen: 52.824 ug/l
RT: 4.84 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.4	18.6
70	11.6	9.8	14.8

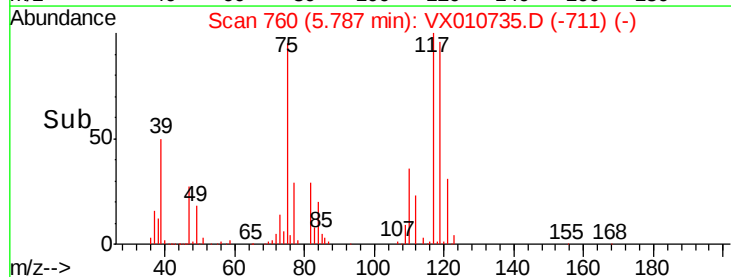
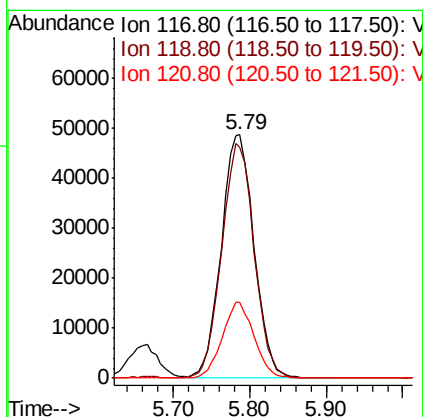
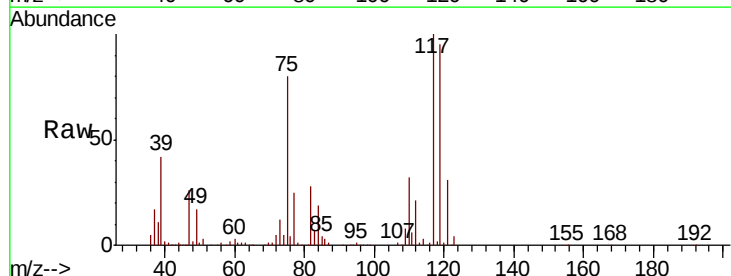
Manual Integrations
APPROVED

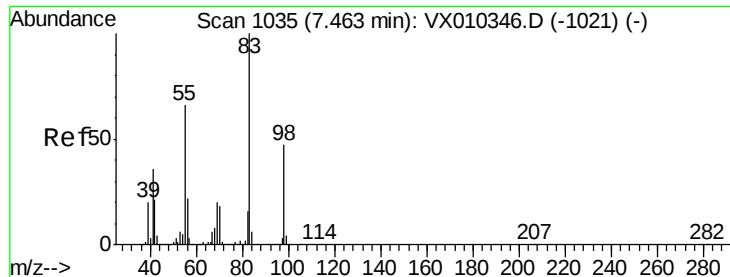
MMDadoda
7/9/2019 11:24:21 AM



#38
Carbon Tetrachloride
Concen: 51.172 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	78.2	117.4
121	31.3	24.7	37.1





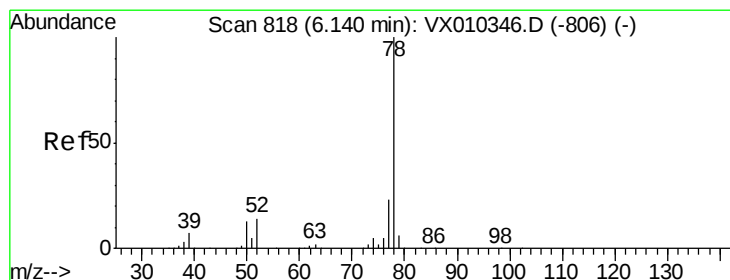
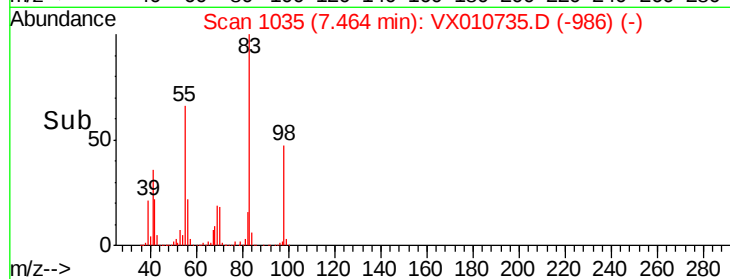
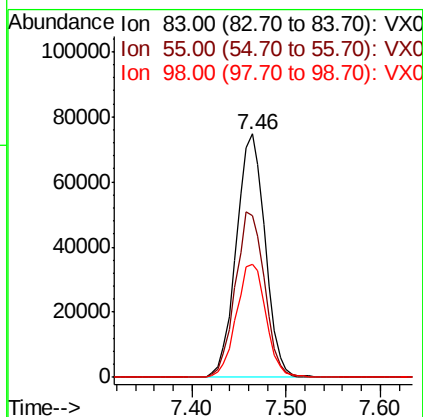
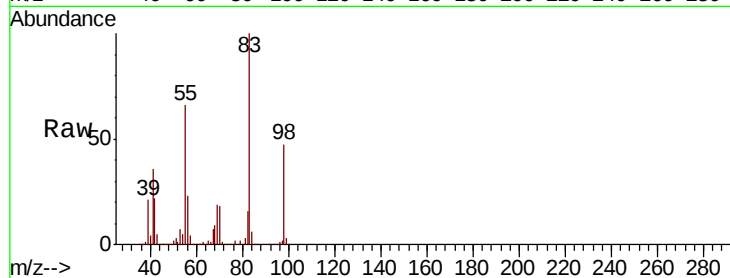
#39
Methylcyclohexane
Concen: 46.747 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	159686		
55	66.3	53.0	79.6	
98	46.6	37.8	56.8	

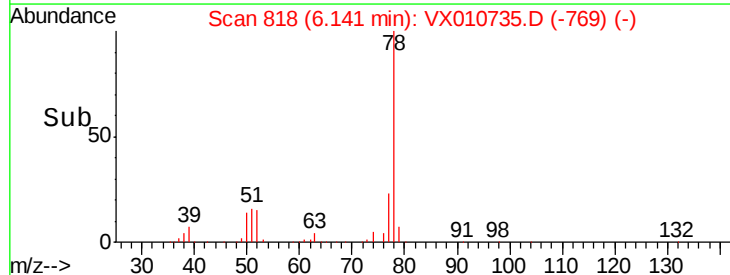
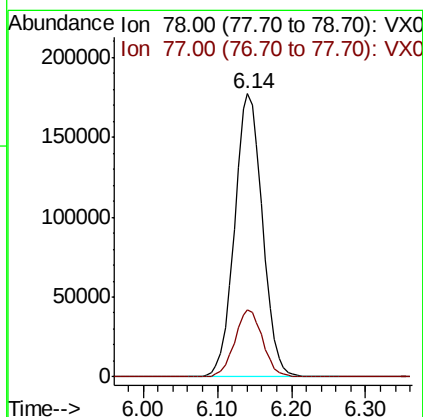
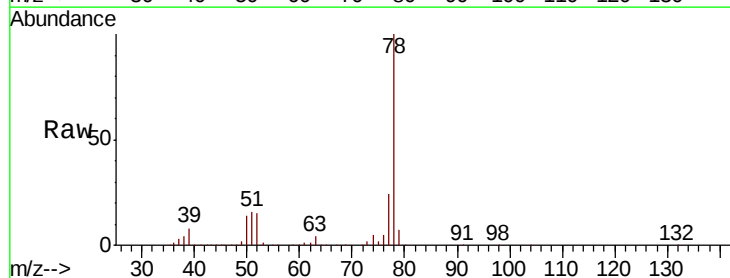
Manual Integrations
APPROVED

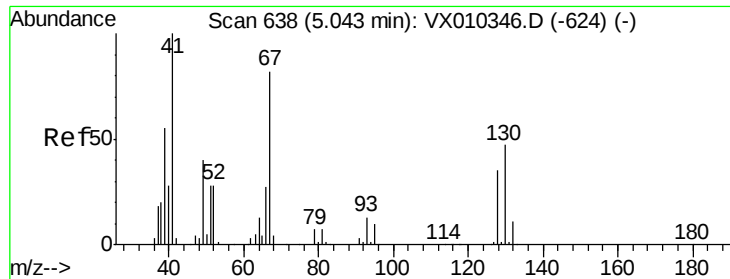
MMDadoda
7/9/2019 11:24:21 AM



#40
Benzene
Concen: 57.471 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	465304		
77	23.6	18.6	28.0	





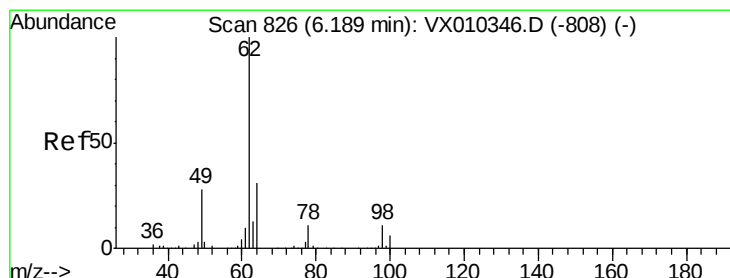
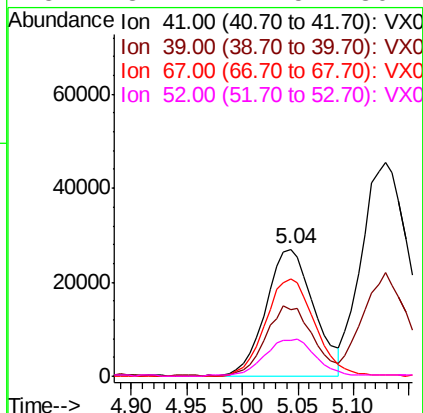
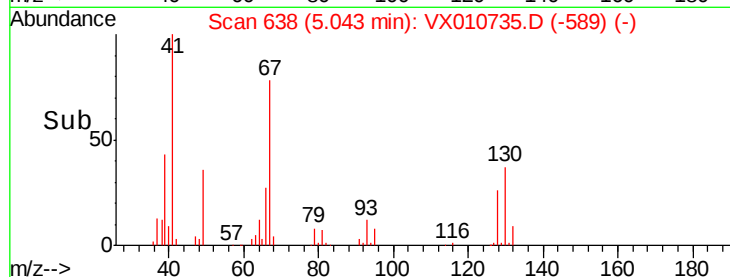
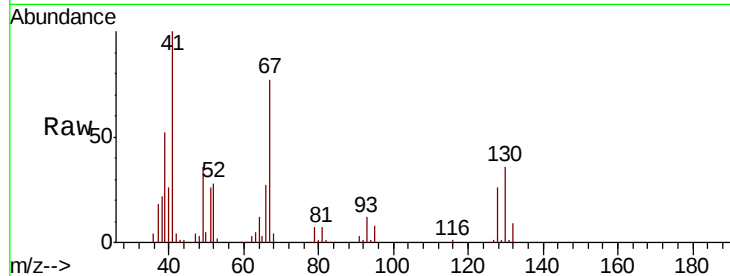
#41
Methacrylonitrile
Concen: 55.290 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.0	43.8	65.8
67	79.6	66.6	100.0
52	32.2	24.5	36.7

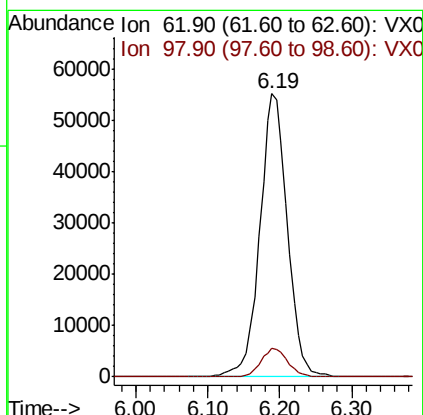
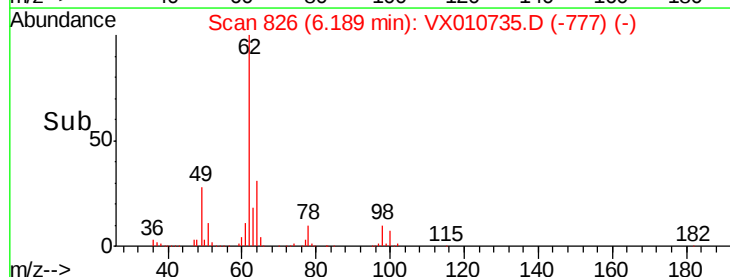
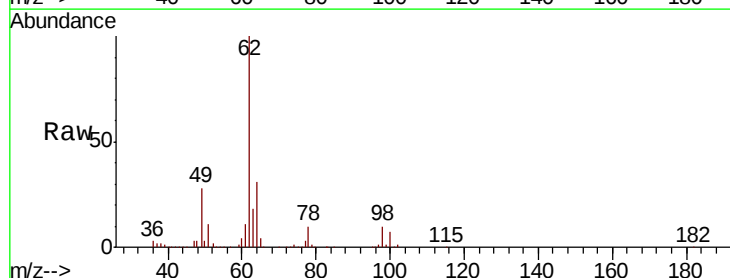
Manual Integrations
APPROVED

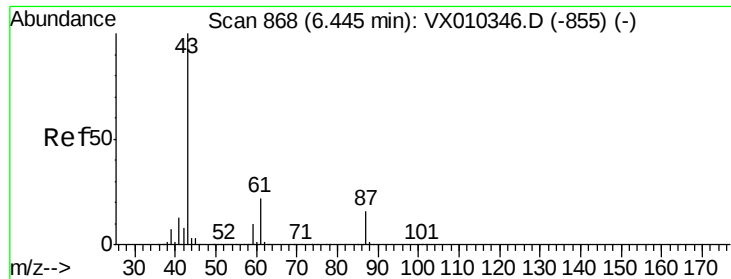
MMDadoda
7/9/2019 11:24:21 AM



#42
1,2-Dichloroethane
Concen: 58.896 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	22.2





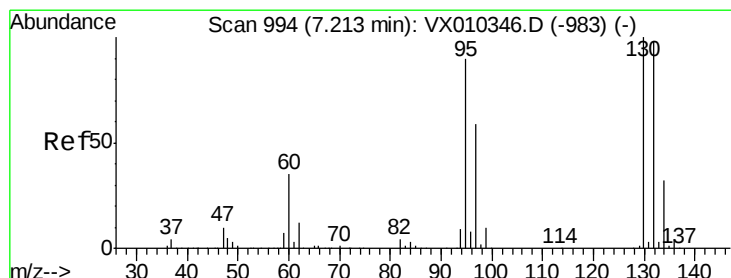
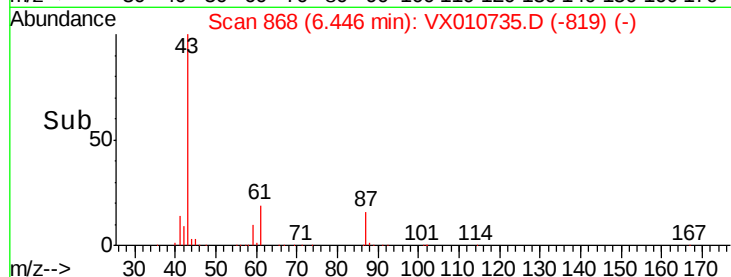
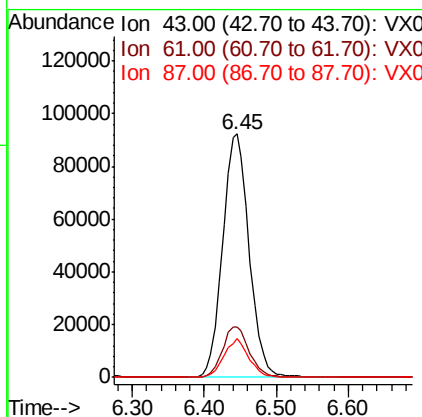
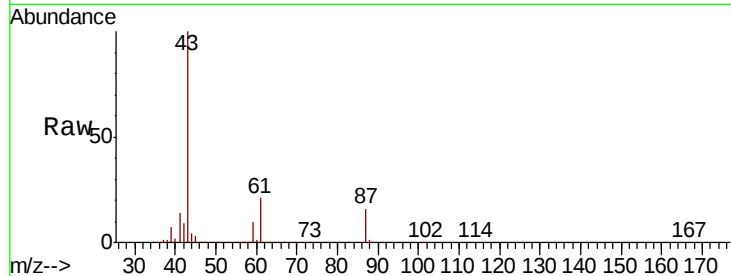
#43
Isopropyl Acetate
Concen: 52.689 ug/l
RT: 6.45 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.0	17.8	26.6
87	15.0	13.0	19.4

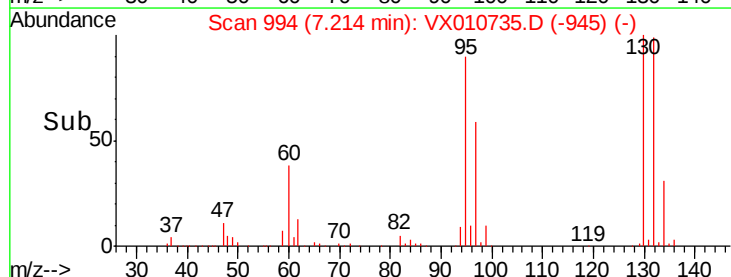
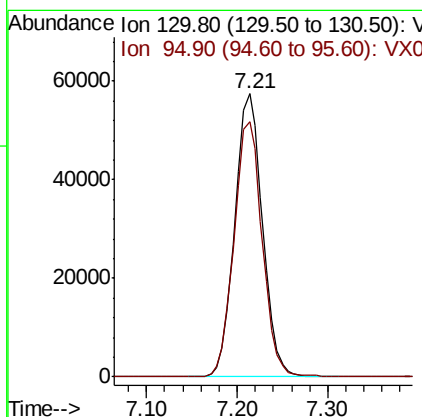
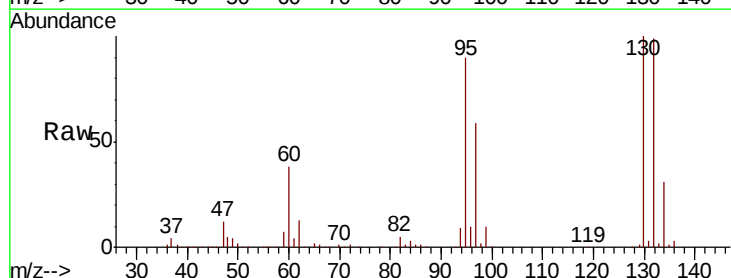
Manual Integrations
APPROVED

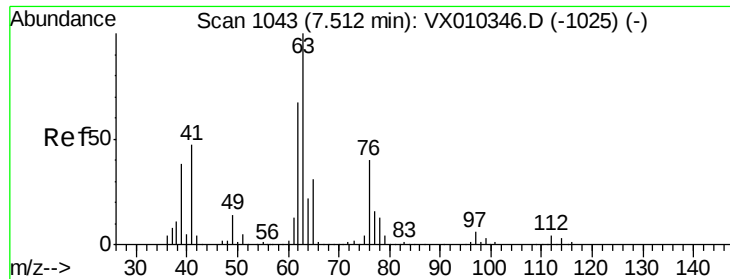
MMDadoda
7/9/2019 11:24:21 AM



#44
Trichloroethene
Concen: 50.311 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	180.8





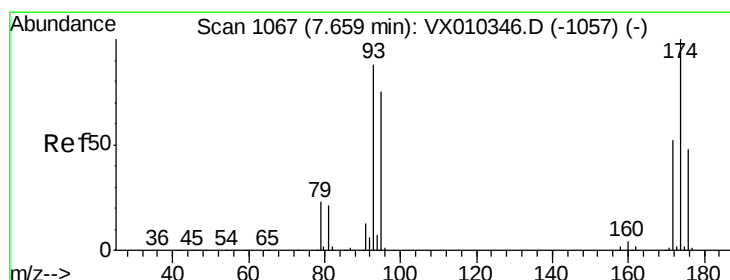
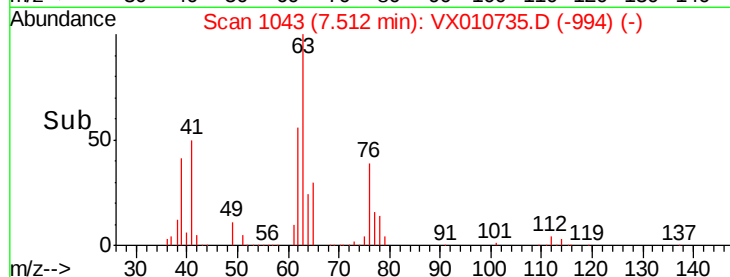
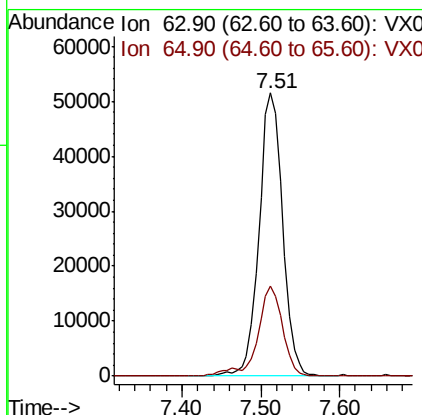
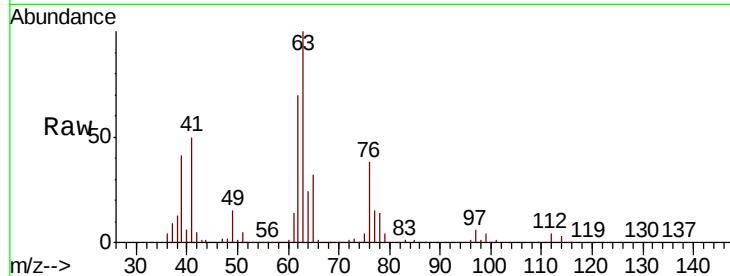
#45
 1,2-Dichloropropane
 Concen: 52.515 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion: 63 Resp: 107370
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.8 37.2

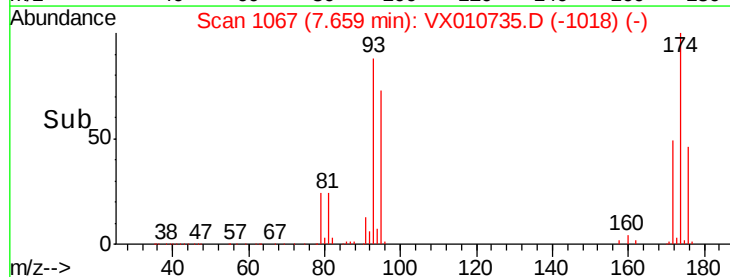
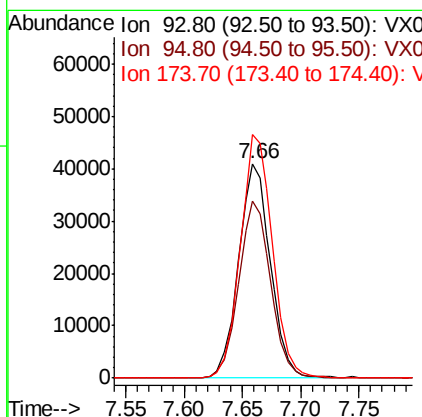
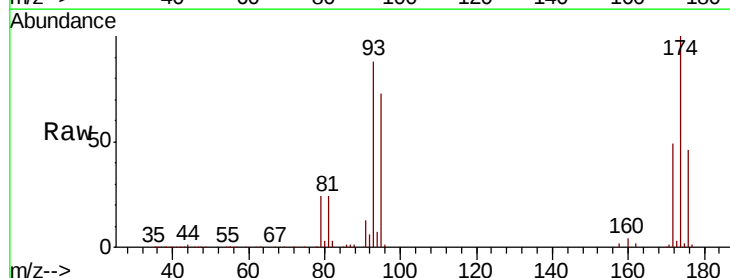
Manual Integrations
 APPROVED

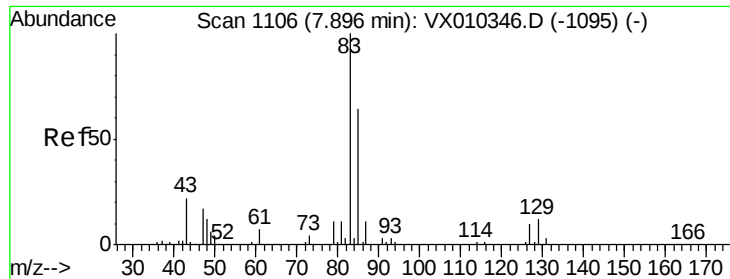
MMDadoda
 7/9/2019 11:24:21 AM



#46
 Dibromomethane
 Concen: 53.092 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion: 93 Resp: 77882
 Ion Ratio Lower Upper
 93 100
 95 83.1 67.5 101.3
 174 114.4 95.8 143.6





#47

Bromodichloromethane

Concen: 52.076 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

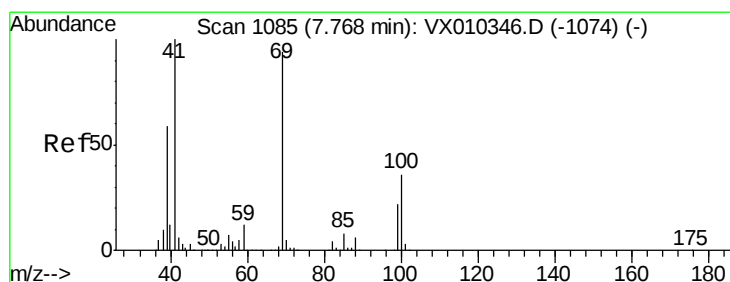
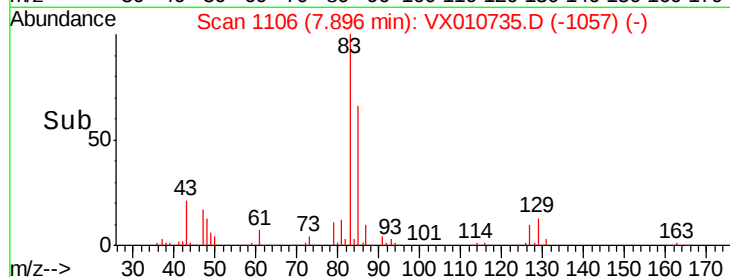
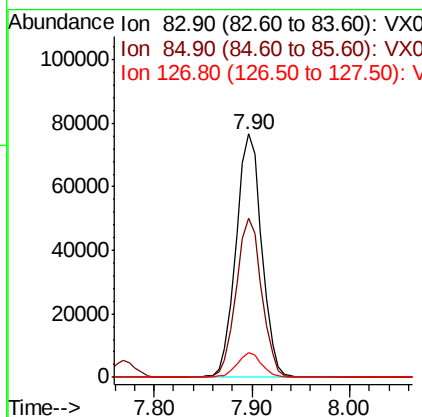
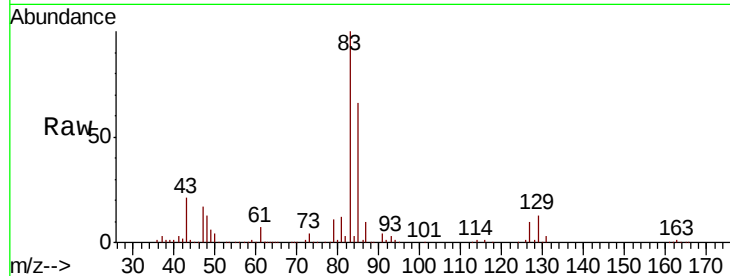
ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:	83	Resp:	139995
Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.5	77.3
127	10.1	7.8	11.8

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#48

Methyl methacrylate

Concen: 56.547 ug/l

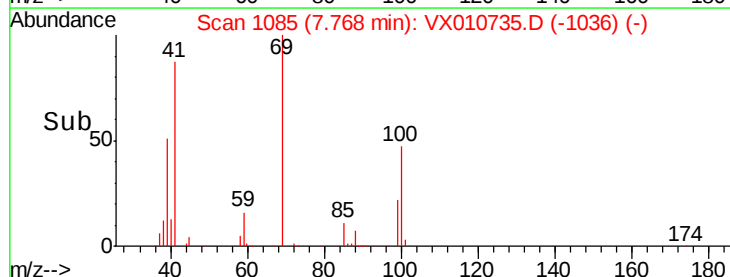
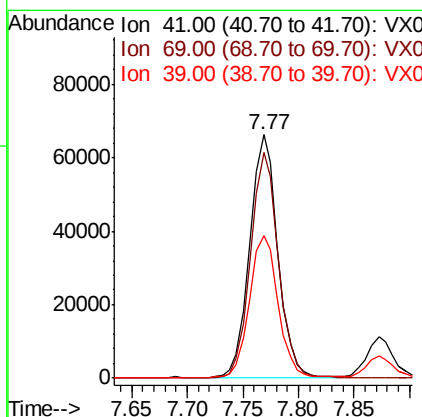
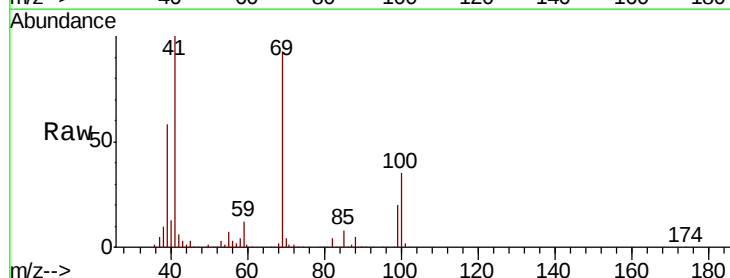
RT: 7.77 min Scan# 1085

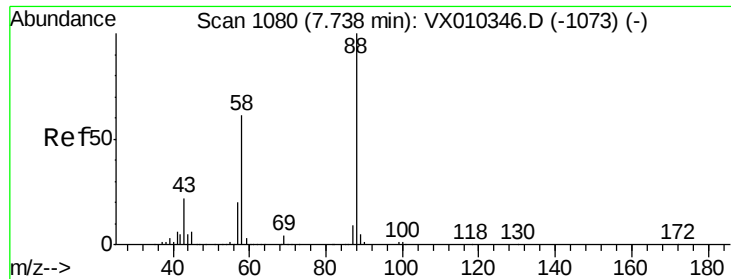
Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Tgt Ion:	41	Resp:	116259
Ion	Ratio	Lower	Upper
41	100		
69	92.7	76.1	114.1
39	59.6	47.6	71.4





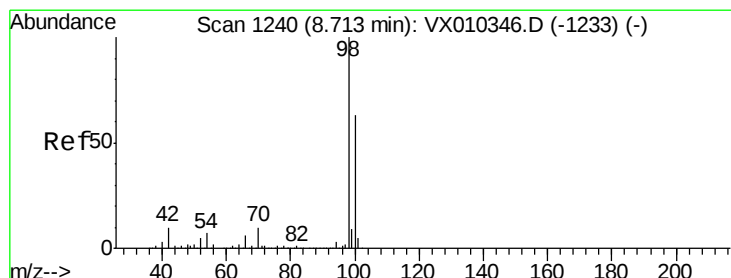
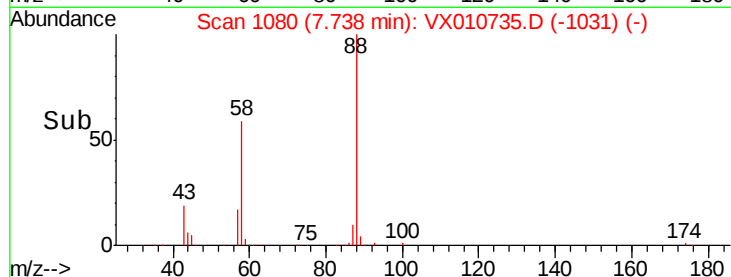
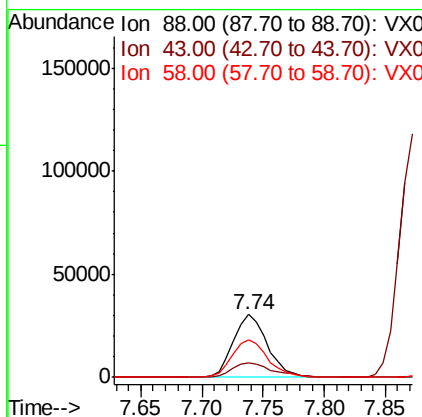
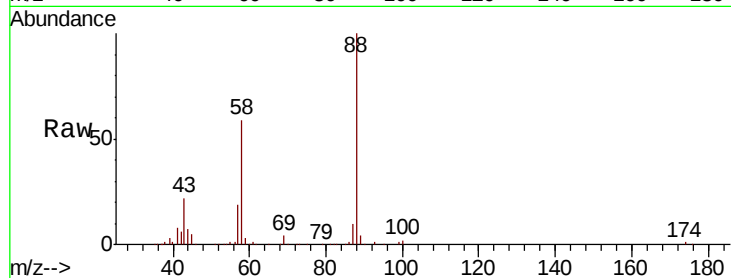
#49
1,4-Dioxane
Concen: 982.111 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.9	20.2	30.2
58	61.6	49.5	74.3

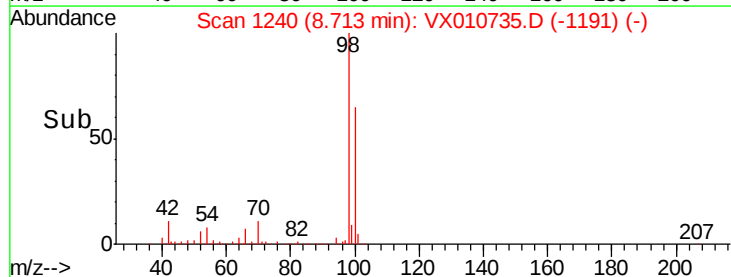
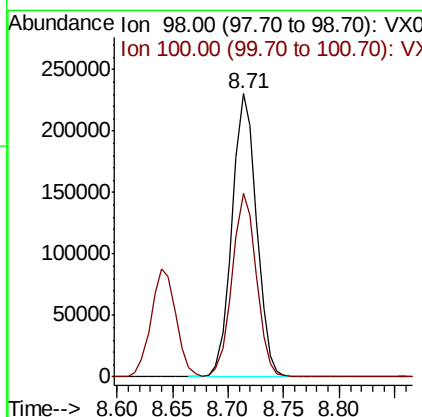
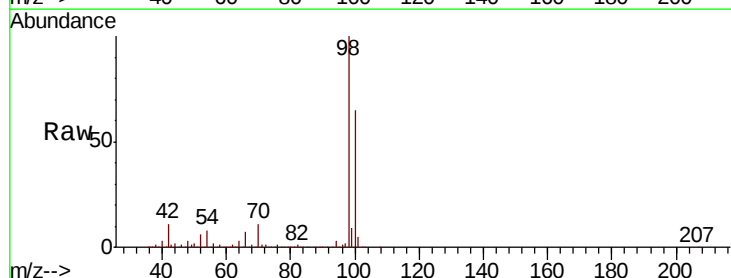
Manual Integrations
APPROVED

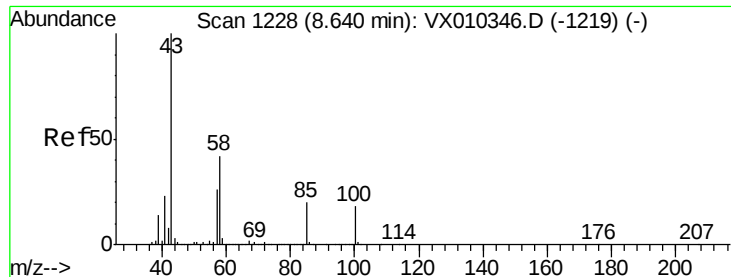
MMDadoda
7/9/2019 11:24:21 AM



#50
Toluene-d8
Concen: 45.931 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





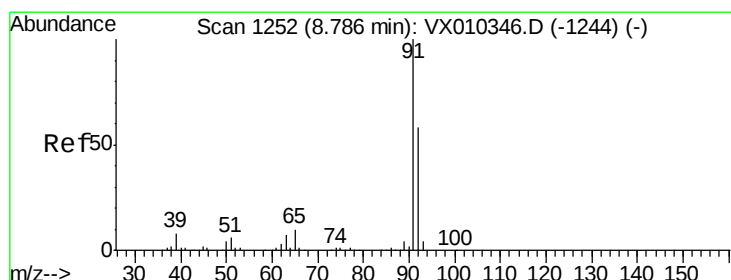
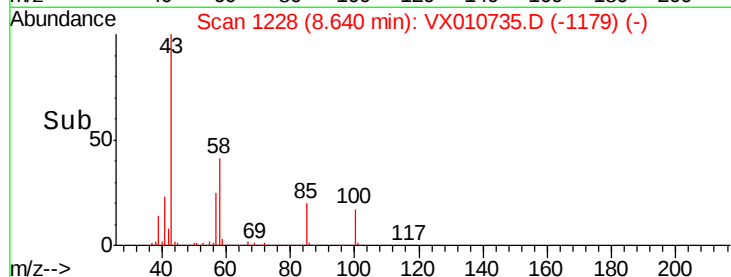
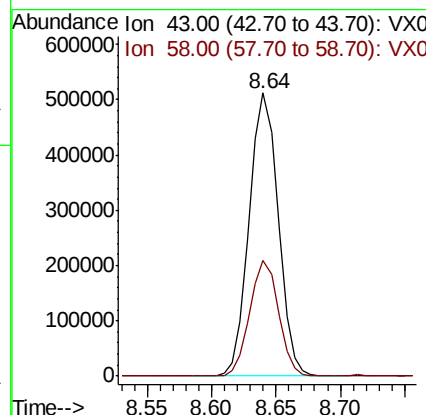
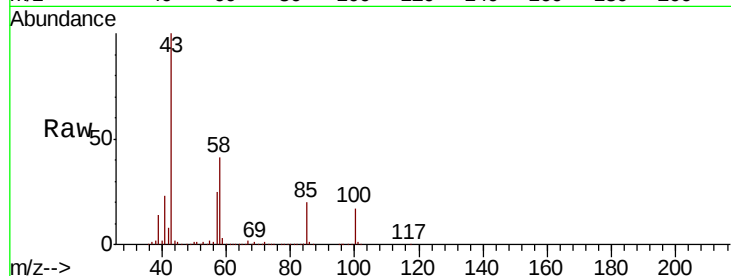
#51
 4-Methyl-2-Pentanone
 Concen: 281.570 ug/l
 RT: 8.64 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion: 43 Resp: 796542
 Ion Ratio Lower Upper
 43 100
 58 40.5 33.5 50.3

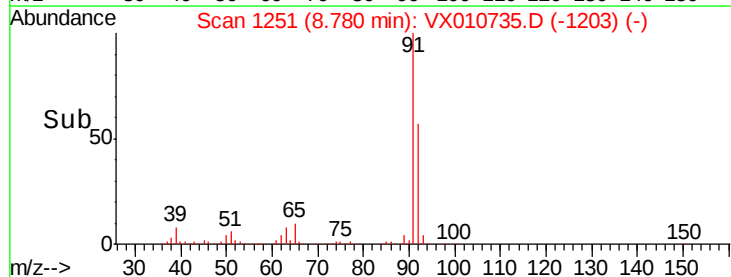
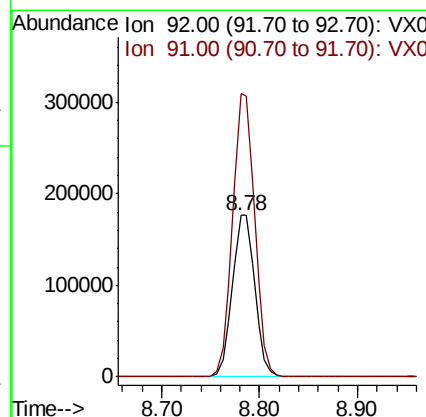
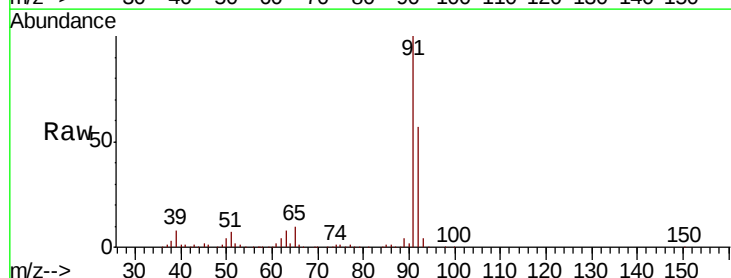
Manual Integrations
 APPROVED

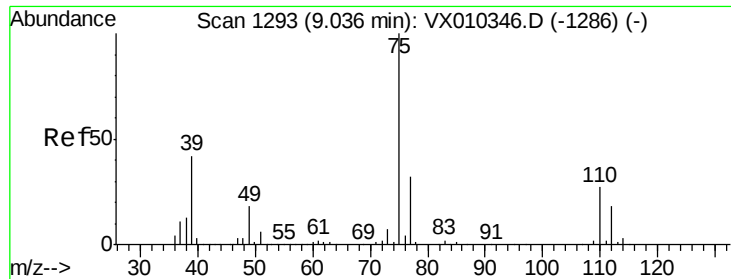
MMDadoda
 7/9/2019 11:24:21 AM



#52
 Toluene
 Concen: 52.643 ug/l
 RT: 8.78 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion: 92 Resp: 280678
 Ion Ratio Lower Upper
 92 100
 91 173.7 139.8 209.6





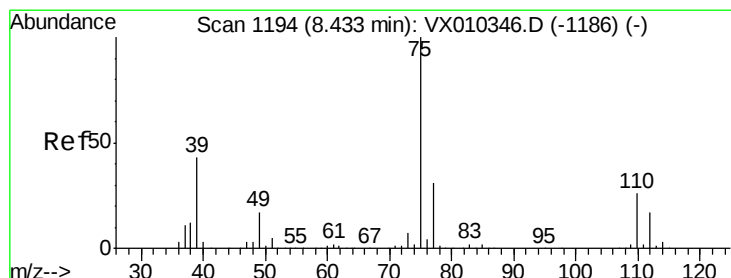
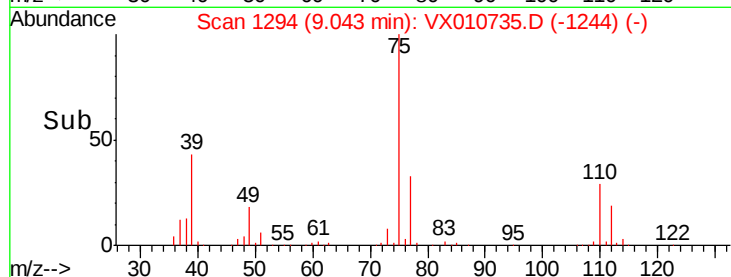
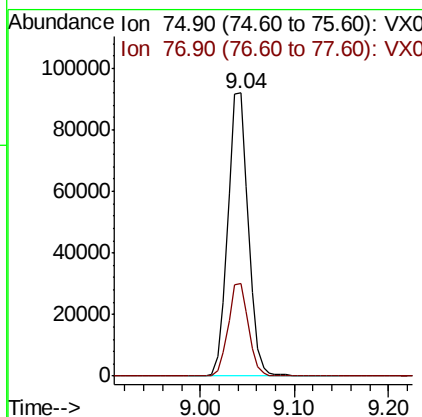
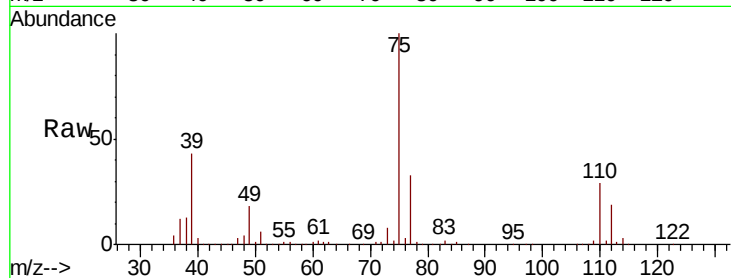
#53
t-1,3-Dichloropropene
Concen: 45.948 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.01 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion: 75 Resp: 138487
Ion Ratio Lower Upper
75 100
77 32.8 25.4 38.2

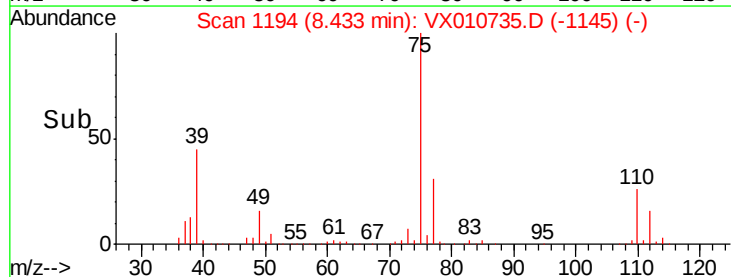
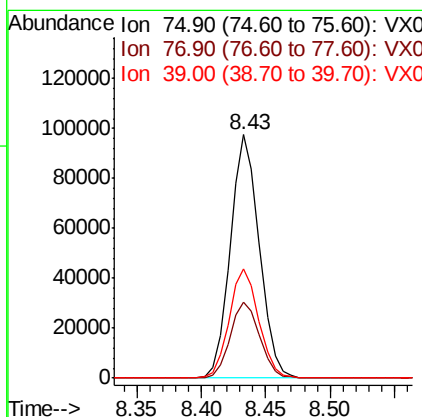
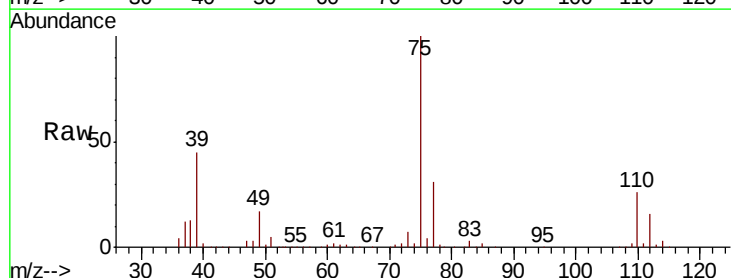
Manual Integrations
APPROVED

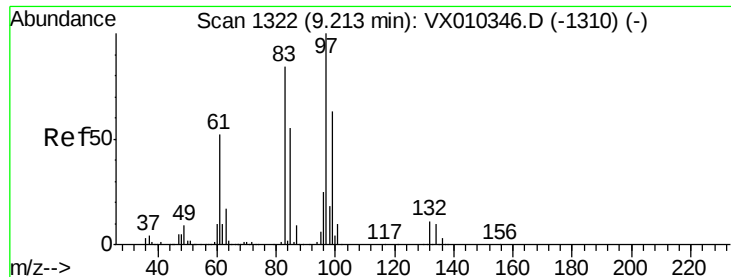
MMDadoda
7/9/2019 11:24:21 AM



#54
cis-1,3-Dichloropropene
Concen: 46.704 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion: 75 Resp: 152969
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 44.6 34.5 51.7





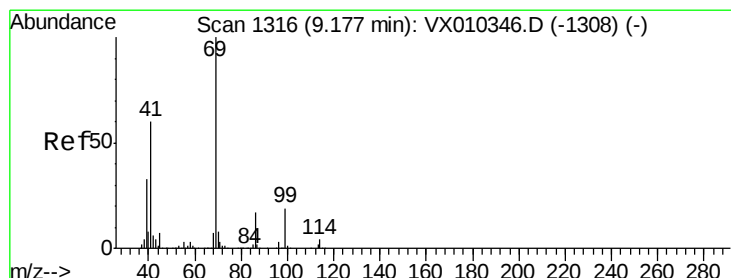
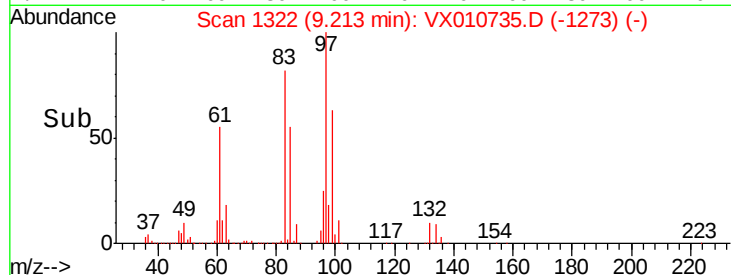
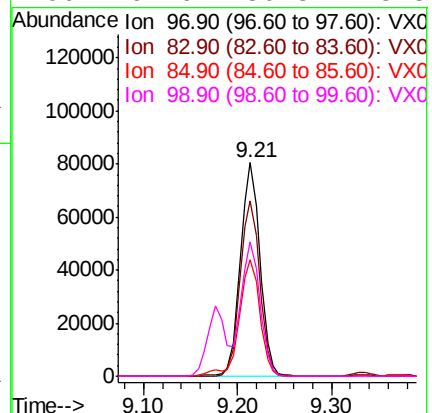
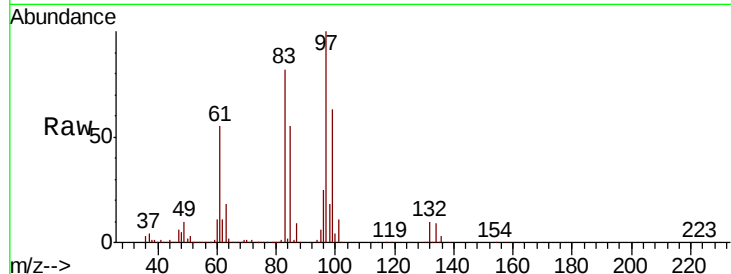
#55
 1,1,2-Trichloroethane
 Concen: 52.961 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		116457		
83	82.0	67.4	101.0		
85	54.5	43.8	65.8		
99	62.6	50.3	75.5		

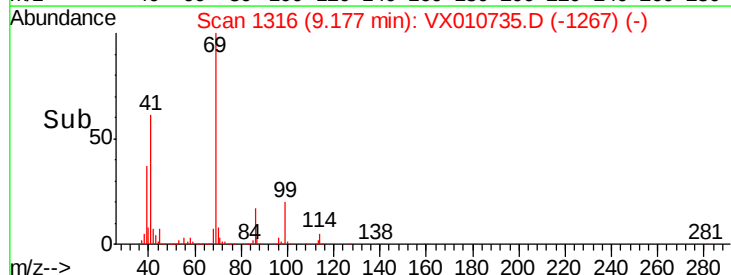
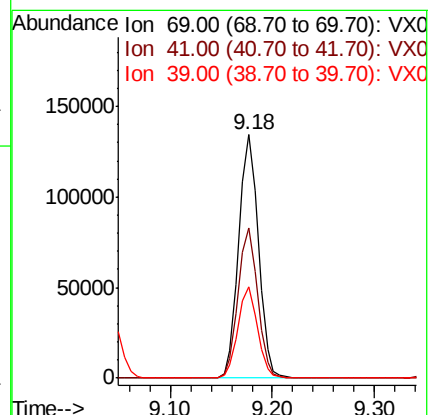
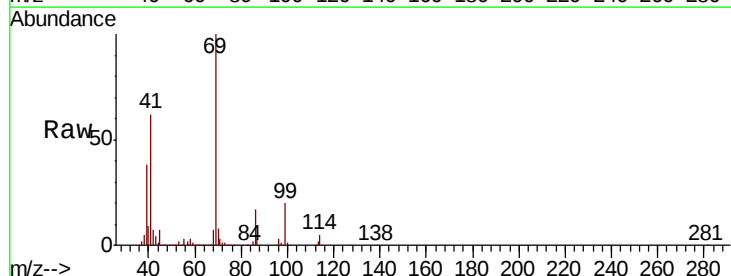
Manual Integrations
 APPROVED

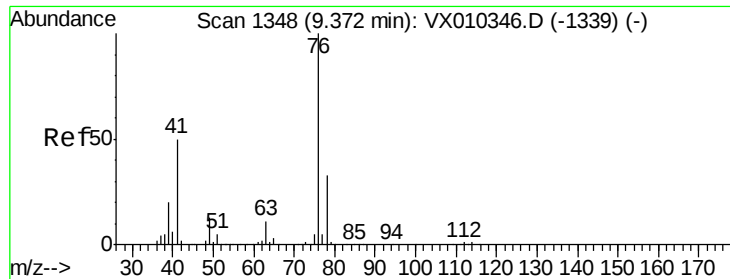
MMDadoda
 7/9/2019 11:24:21 AM



#56
 Ethyl methacrylate
 Concen: 53.819 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		179276		
41	60.8	47.1	70.7		
39	36.9	26.6	40.0		





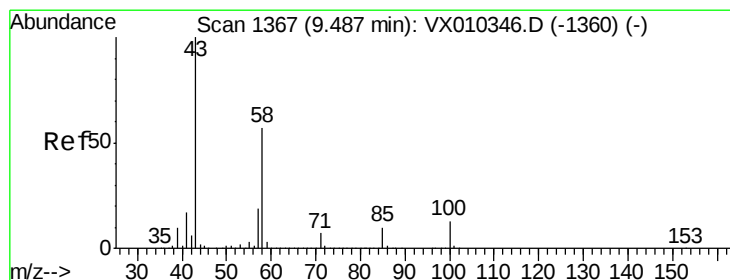
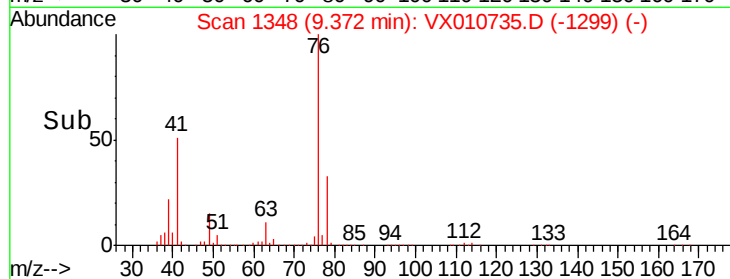
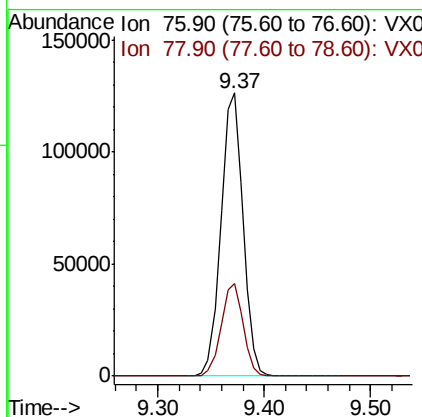
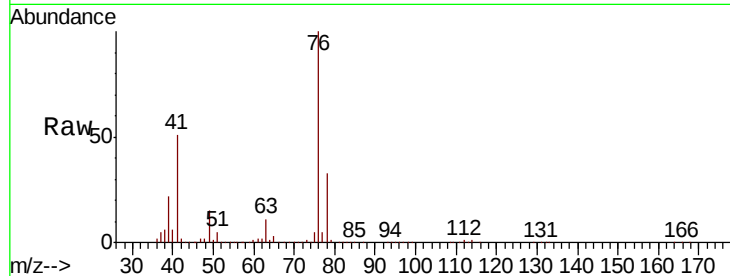
#57
 1,3-Dichloropropane
 Concen: 53.524 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion: 76 Resp: 182698
 Ion Ratio Lower Upper
 76 100
 78 32.6 26.1 39.1

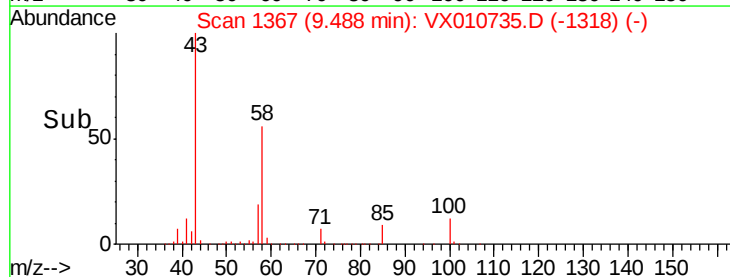
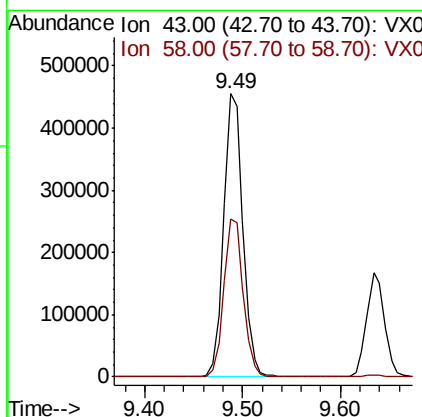
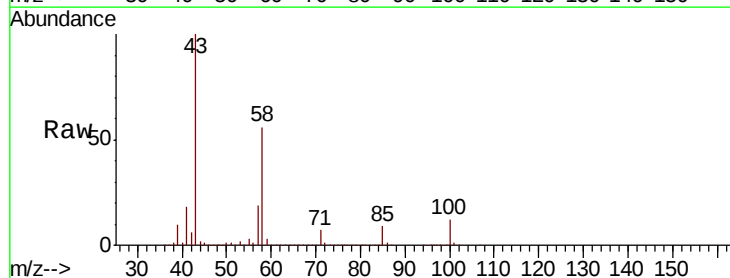
Manual Integrations
 APPROVED

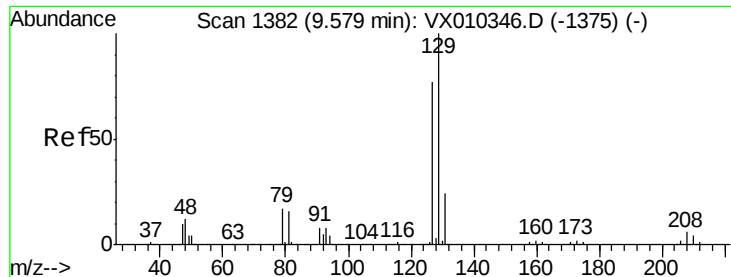
MMDadoda
 7/9/2019 11:24:21 AM



#59
 2-Hexanone
 Concen: 277.474 ug/l
 RT: 9.49 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion: 43 Resp: 617788
 Ion Ratio Lower Upper
 43 100
 58 56.6 29.0 87.1





#60

Dibromochloromethane

Concen: 50.584 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:129 Resp: 124541

Ion Ratio Lower Upper

129 100

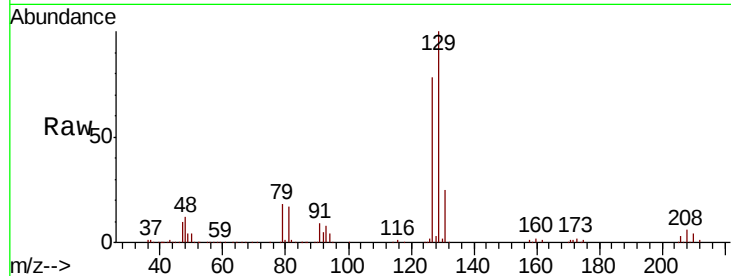
127 77.4 38.4 115.1

Manual Integrations

APPROVED

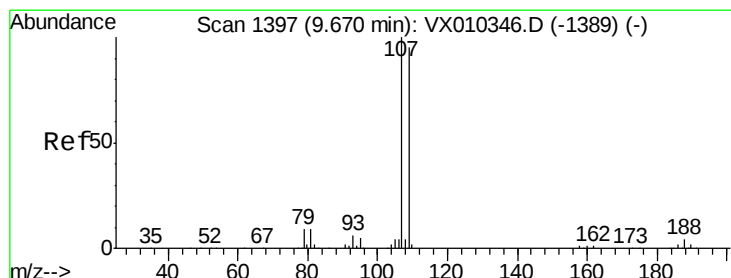
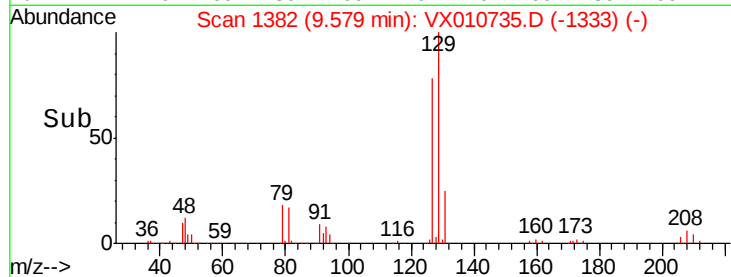
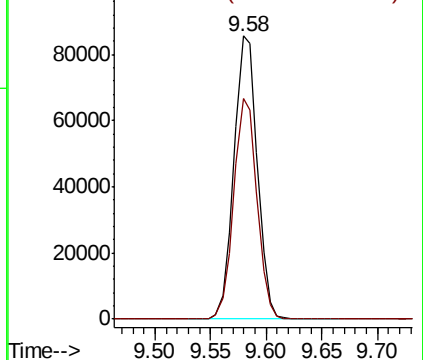
MMDadoda

7/9/2019 11:24:21 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 53.120 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010735.D

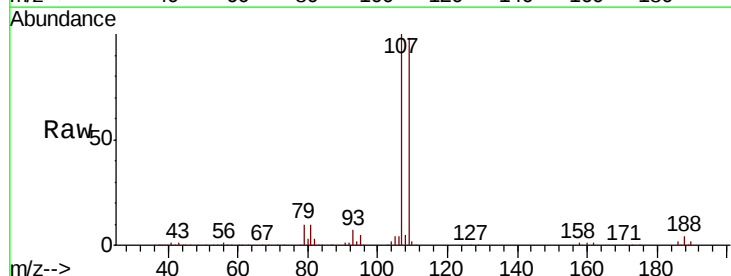
Acq: 09 Jul 2019 07:23

Tgt Ion:107 Resp: 126078

Ion Ratio Lower Upper

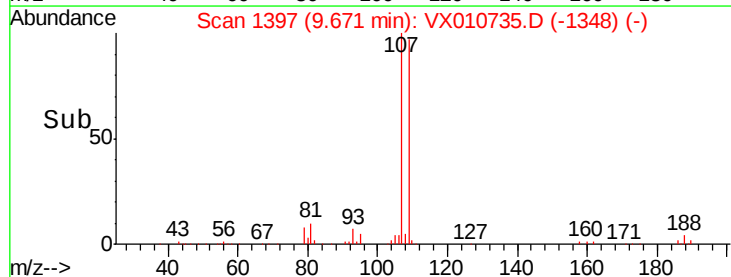
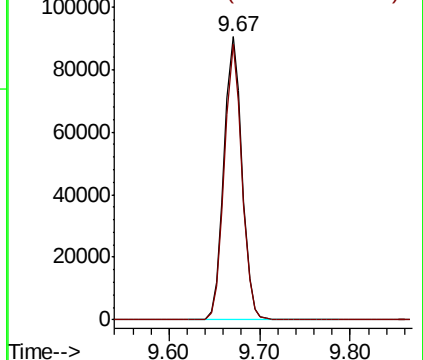
107 100

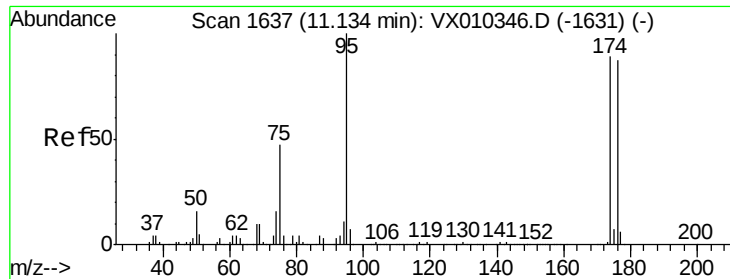
109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





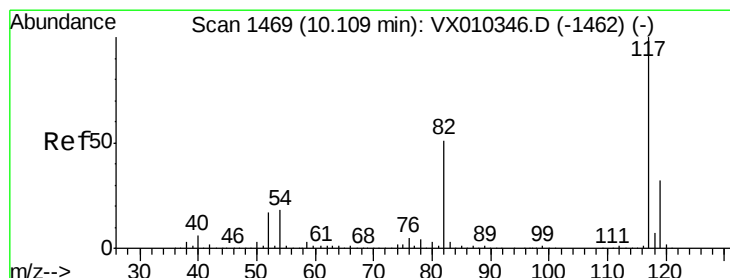
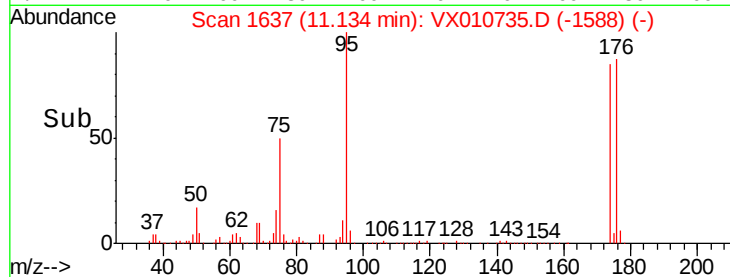
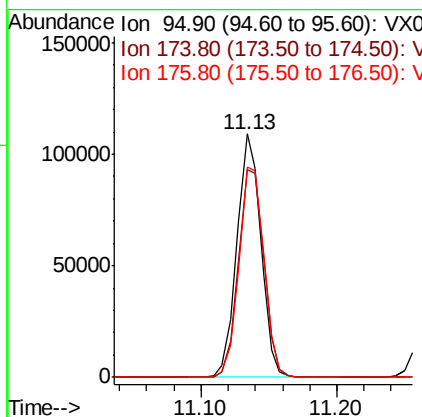
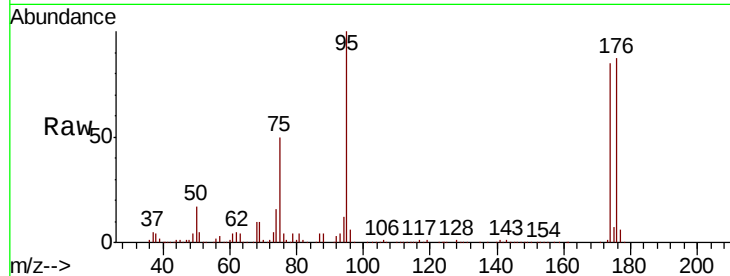
#62
4-Bromofluorobenzene
Concen: 48.488 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	134003		
174	90.6	0.0	187.6	
176	89.9	0.0	184.0	

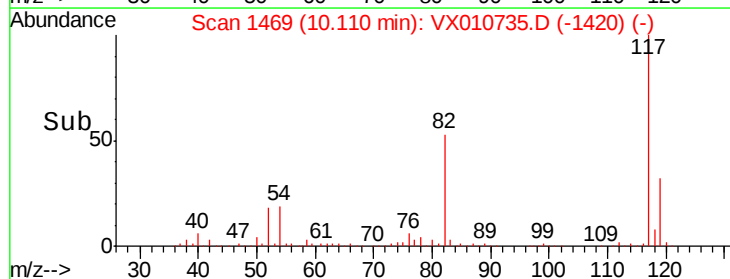
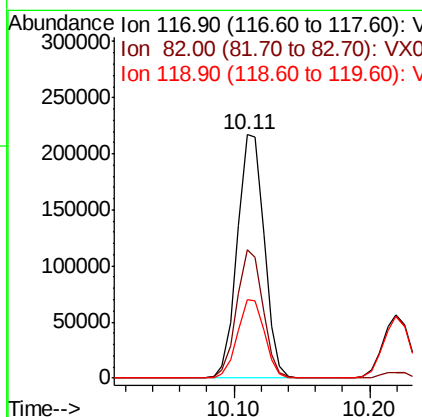
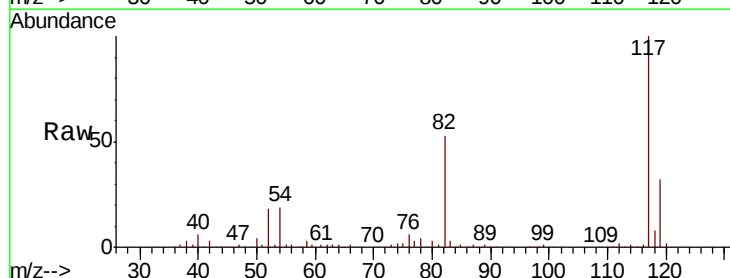
Manual Integrations
APPROVED

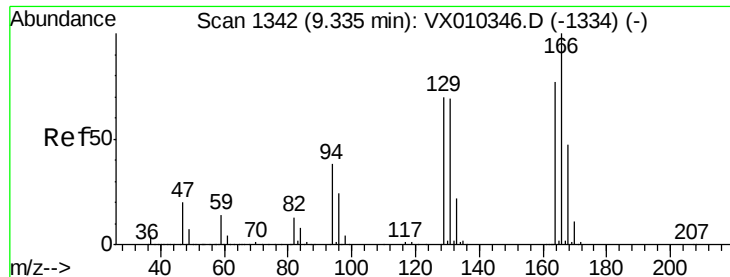
MMDadoda
7/9/2019 11:24:21 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	299738		
82	52.9	41.2	61.8	
119	32.5	25.5	38.3	





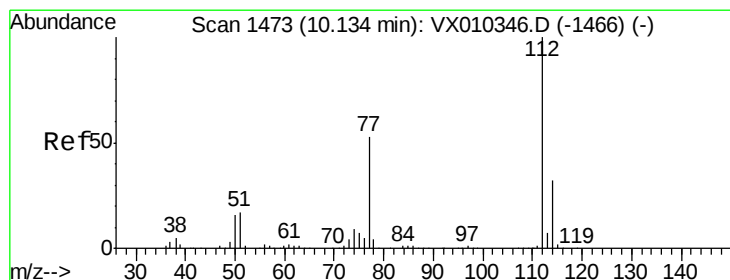
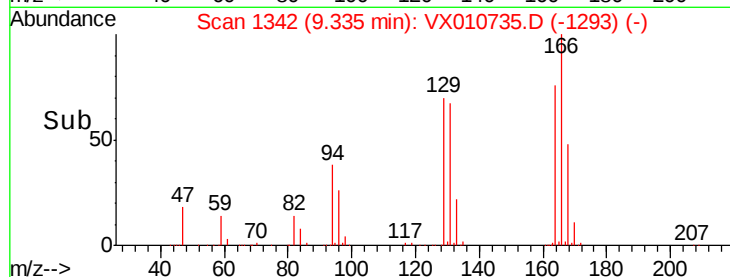
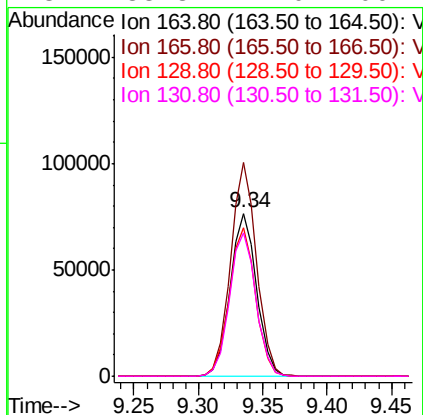
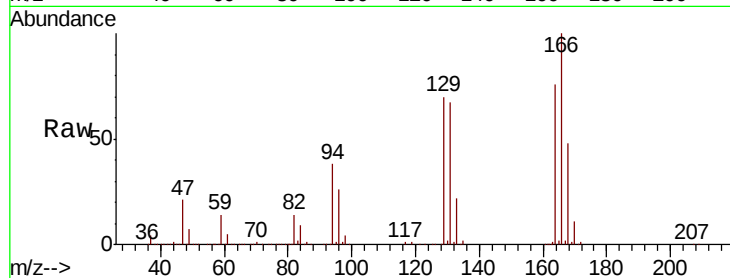
#64
Tetrachloroethene
Concen: 45.270 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.4	103.6	155.4
129	91.4	73.0	109.4
131	88.3	71.0	106.4

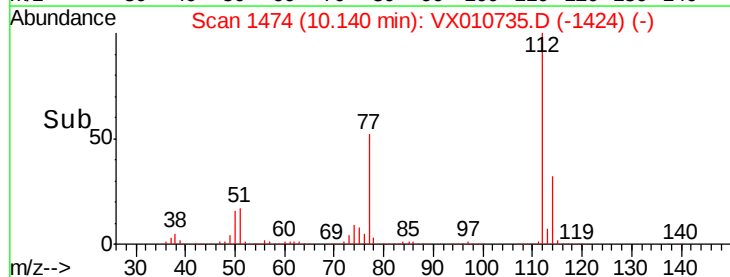
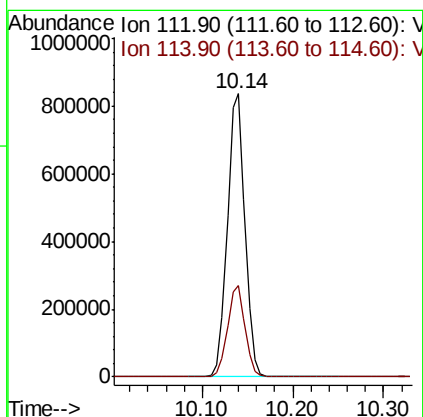
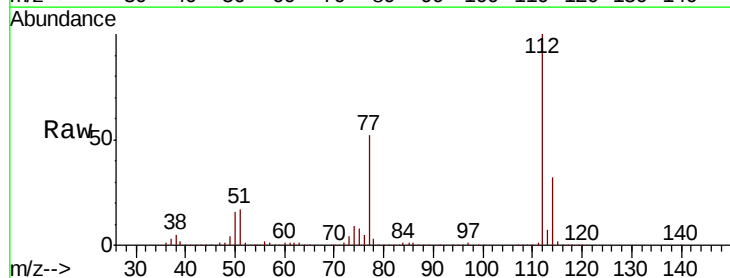
Manual Integrations
APPROVED

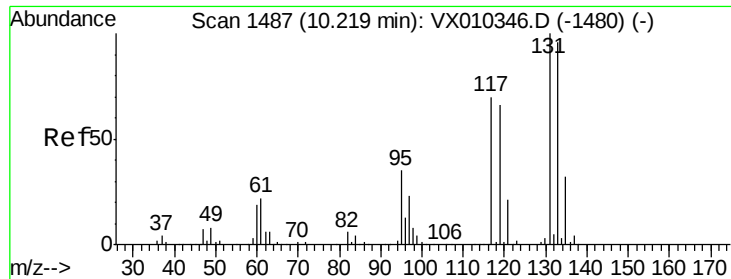
MMDadoda
7/9/2019 11:24:21 AM



#65
Chlorobenzene
Concen: 187.807 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	25.4	38.2





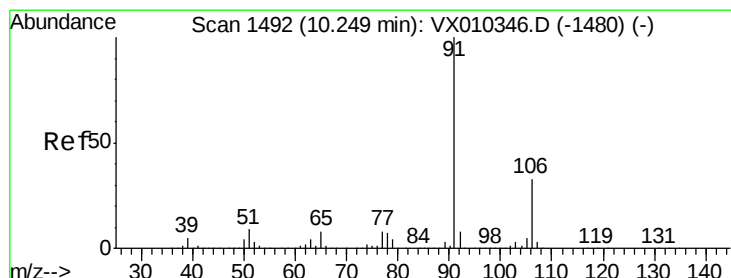
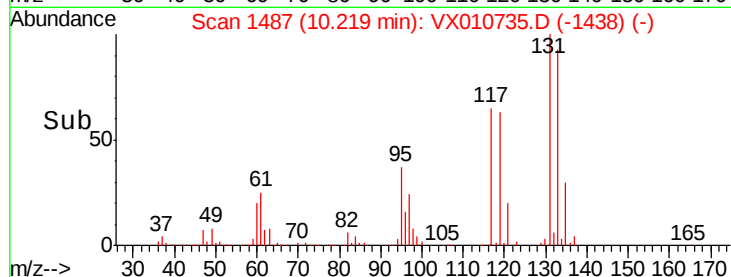
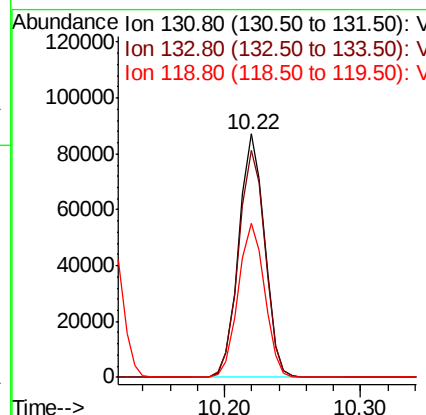
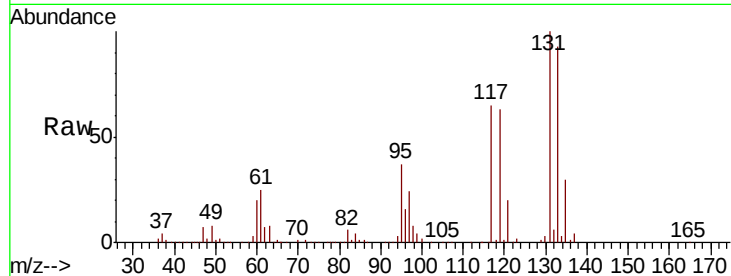
#66
 1,1,1,2-Tetrachloroethane
 Concen: 52.267 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	115853		
133	95.5	47.7	143.1	
119	64.6	32.6	97.7	

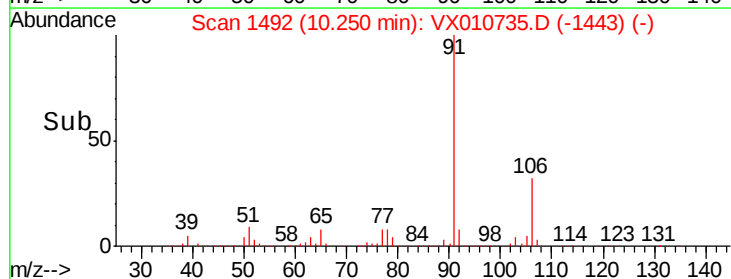
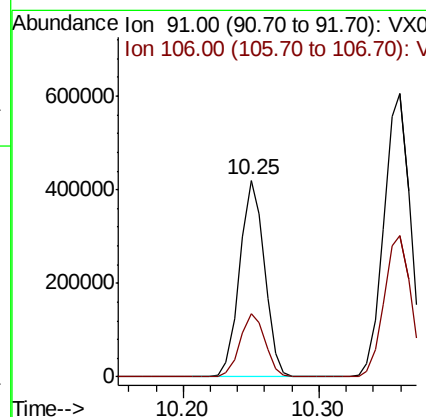
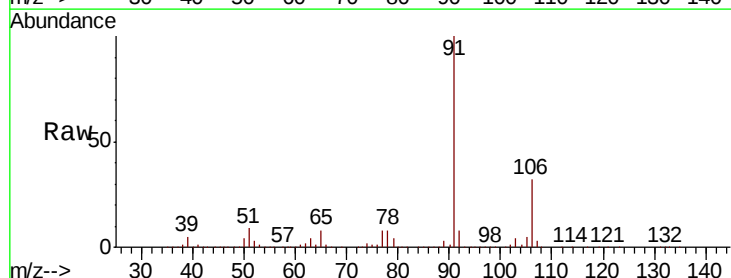
Manual Integrations
 APPROVED

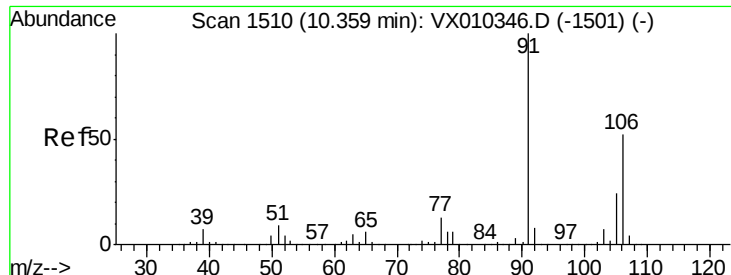
MMDadoda
 7/9/2019 11:24:21 AM



#67
 Ethyl Benzene
 Concen: 52.187 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	536134		
106	32.2	26.2	39.2	





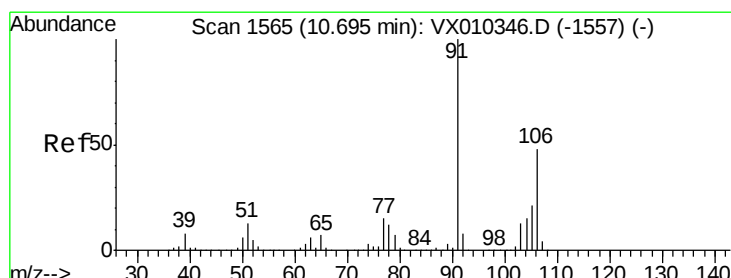
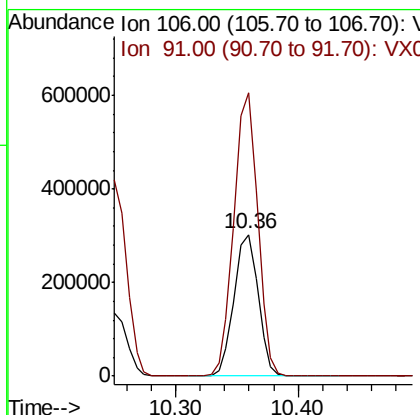
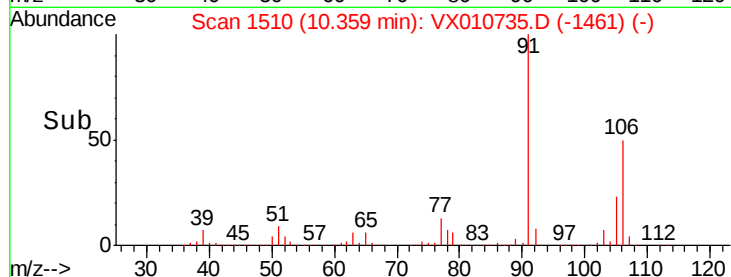
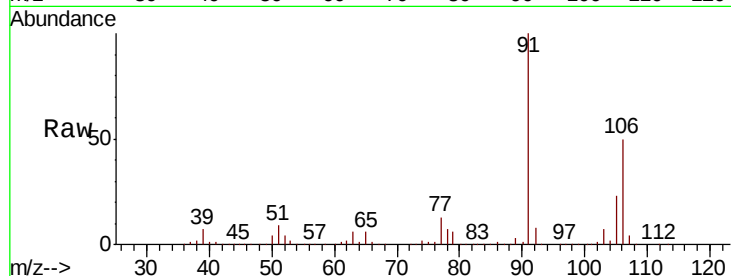
#68
m/p-Xylenes
Concen: 103.610 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion:106 Resp: 412434
Ion Ratio Lower Upper
106 100
91 198.3 155.3 232.9

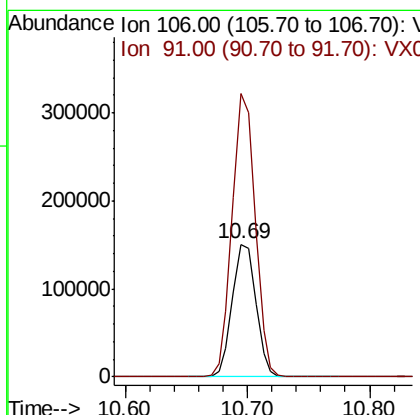
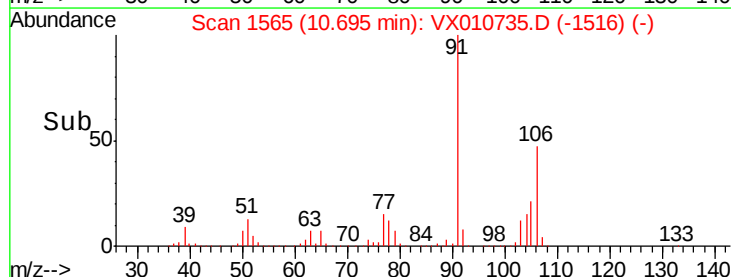
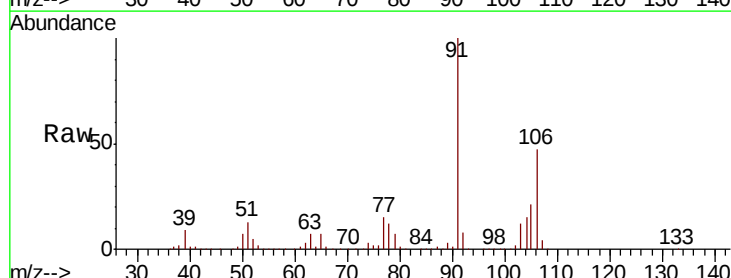
Manual Integrations
APPROVED

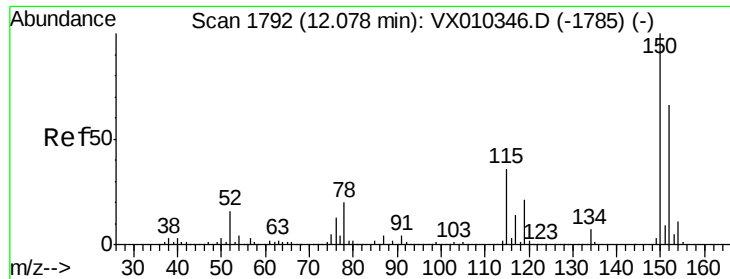
MMDadoda
7/9/2019 11:24:21 AM



#69
o-Xylene
Concen: 51.619 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion:106 Resp: 202066
Ion Ratio Lower Upper
106 100
91 208.0 102.7 308.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:152 Resp: 157948

Ion Ratio Lower Upper

152 100

115 78.5 38.6 115.7

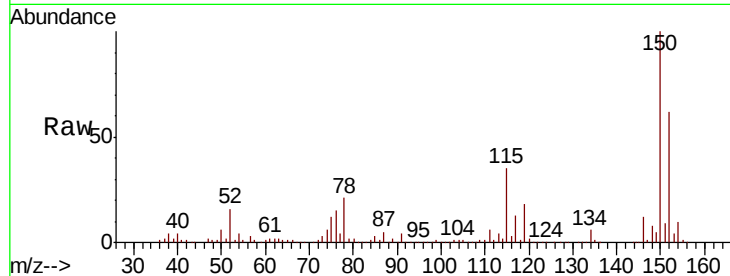
150 175.5 0.0 347.4

Manual Integrations

APPROVED

MMDadoda

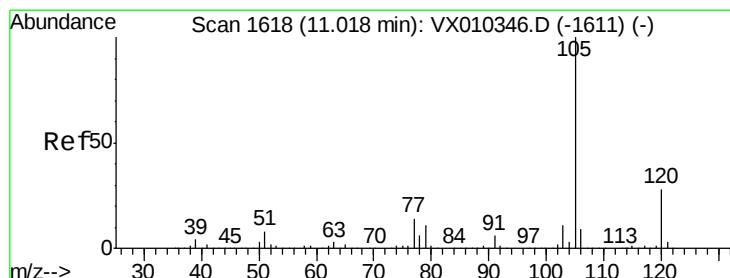
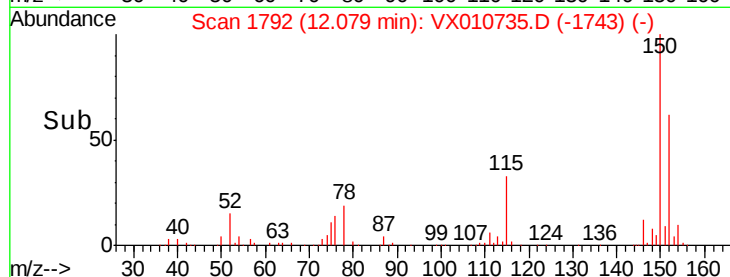
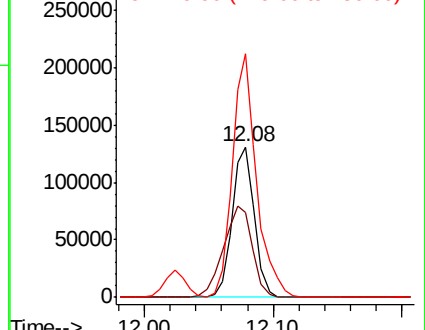
7/9/2019 11:24:21 AM



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: 49.813 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010735.D

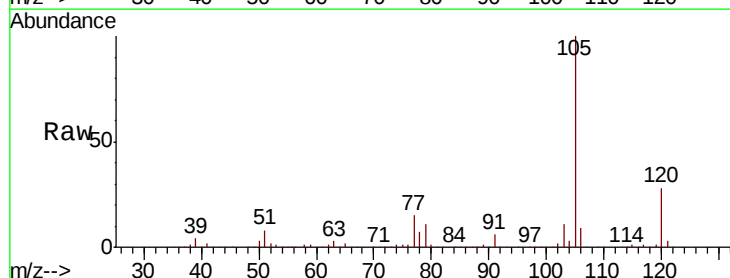
Acq: 09 Jul 2019 07:23

Tgt Ion:105 Resp: 533345

Ion Ratio Lower Upper

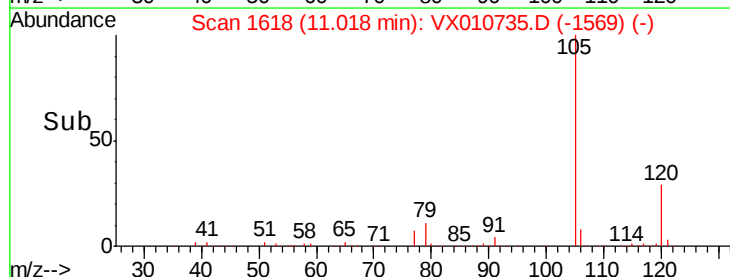
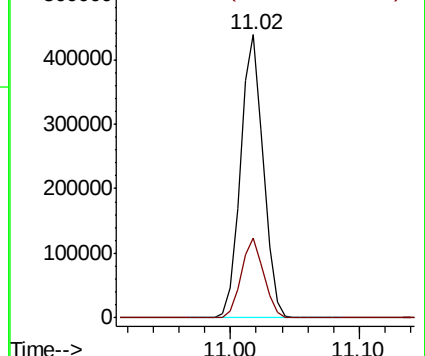
105 100

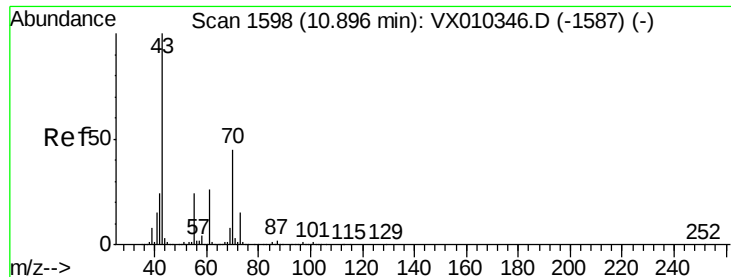
120 27.9 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 52.544 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

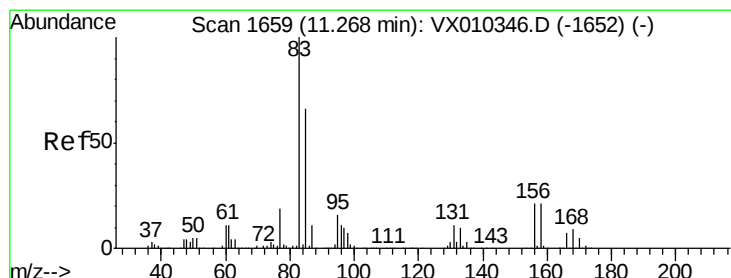
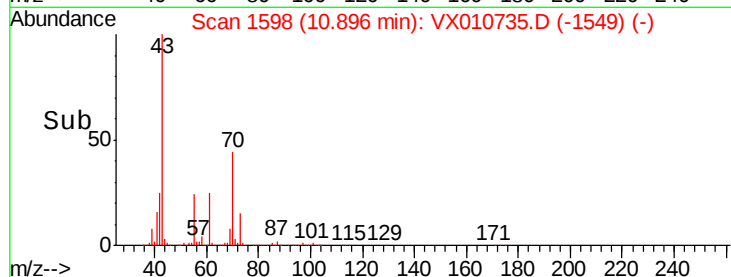
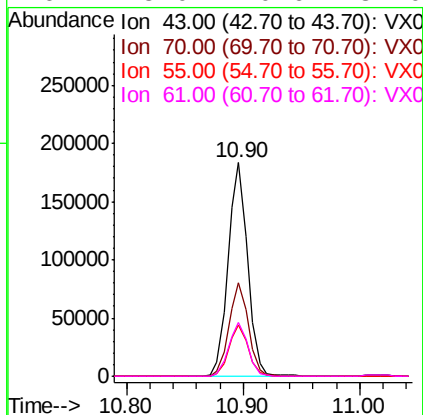
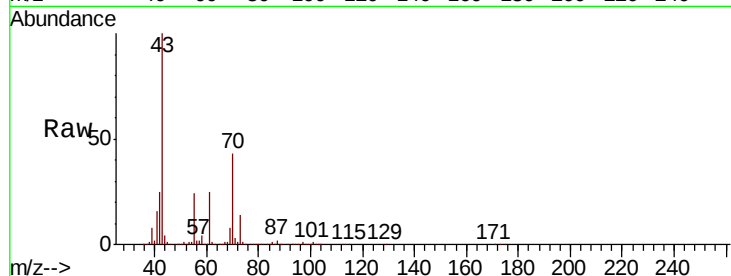
ClientSampleId :

WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
43	100		
70	43.6	36.6	54.8
55	24.1	18.7	28.1
61	25.0	20.6	31.0

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.495 ug/l

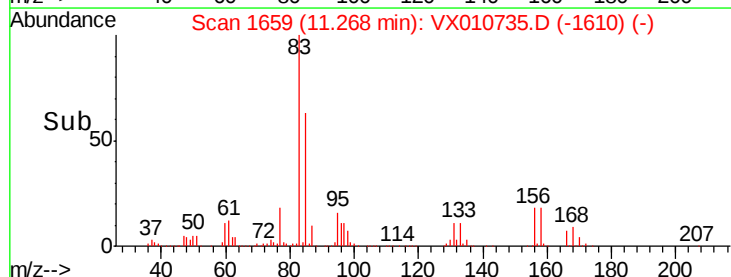
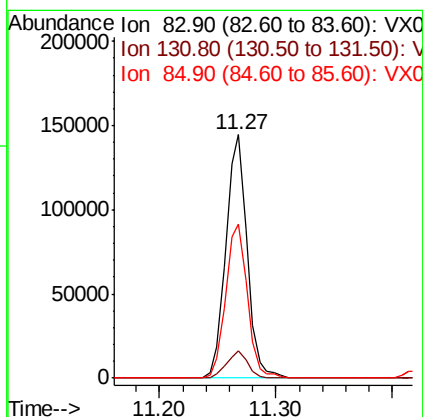
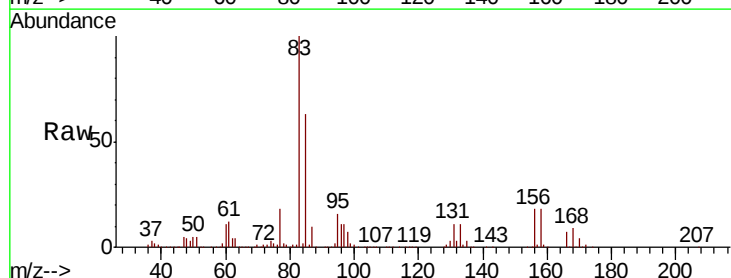
RT: 11.27 min Scan# 1659

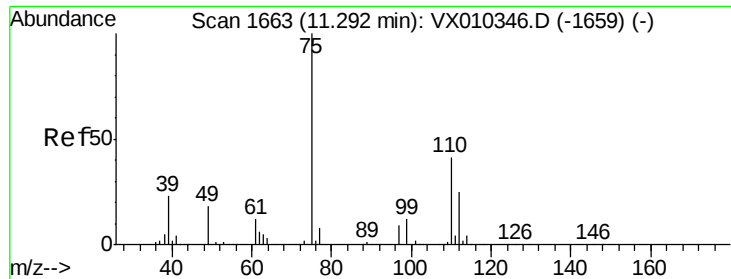
Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.5	16.4
85	64.9	32.3	96.8





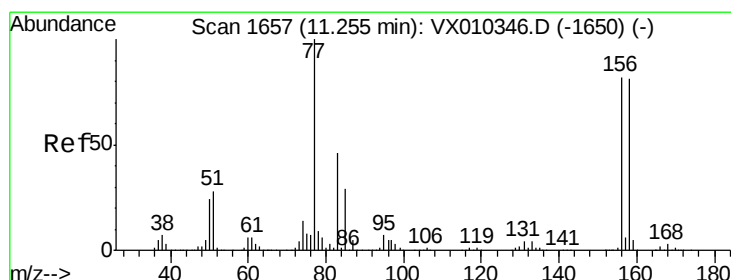
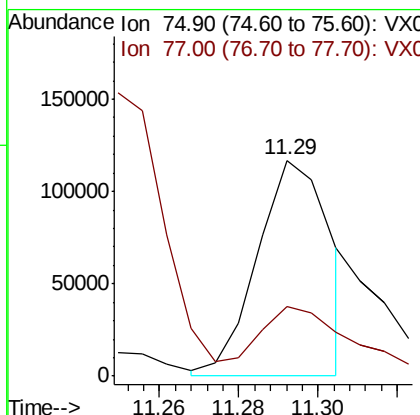
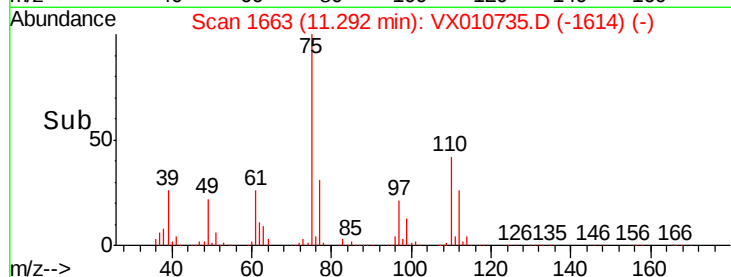
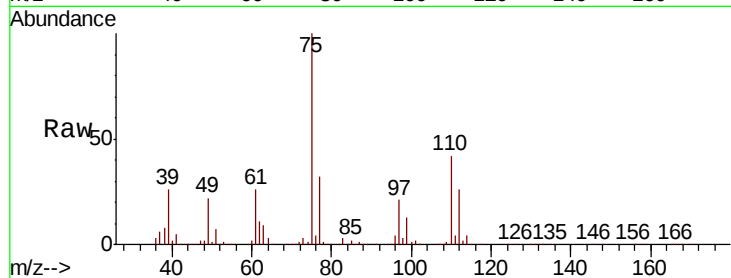
#76
1,2,3-Trichloropropane
Concen: 51.469 ug/l m
RT: 11.29 min Scan# 1663
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion: 75 Resp: 148140
Ion Ratio Lower Upper
75 100
77 42.0 22.6 67.8

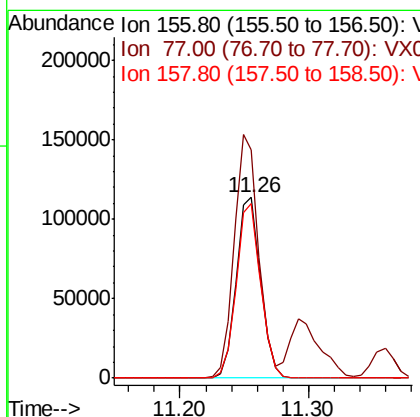
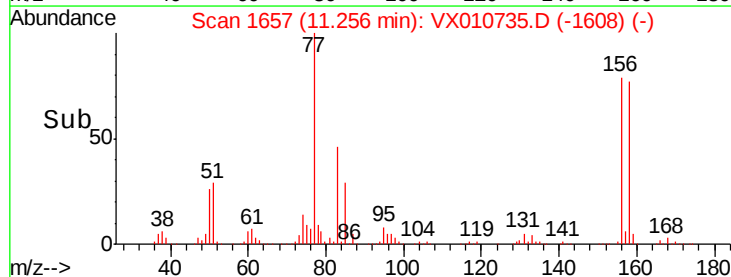
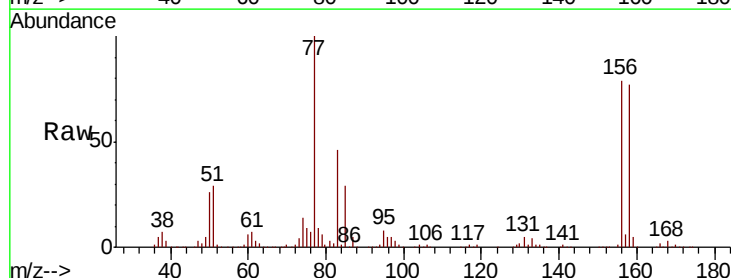
Manual Integrations
APPROVED

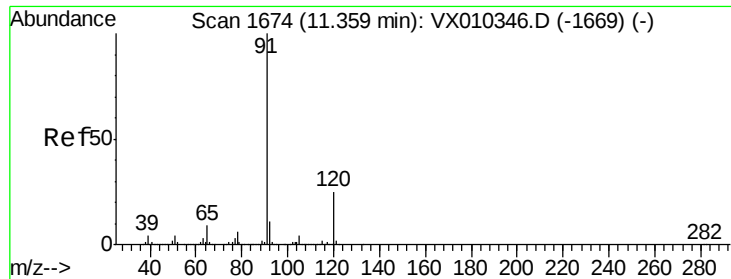
MMDadoda
7/9/2019 11:24:21 AM



#77
Bromobenzene
Concen: 50.053 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion: 156 Resp: 149643
Ion Ratio Lower Upper
156 100
77 134.7 66.3 198.7
158 96.3 48.9 146.7





#78

n-propylbenzene

Concen: 50.639 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion: 91 Resp: 595893

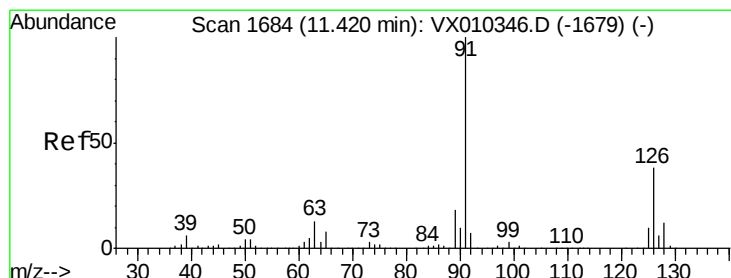
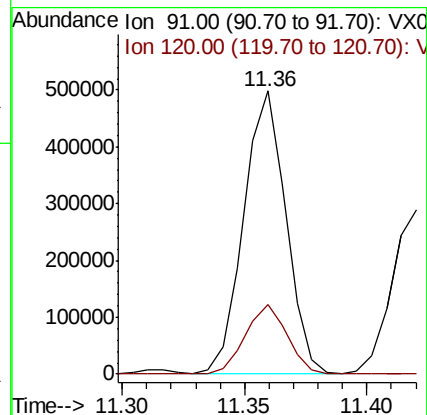
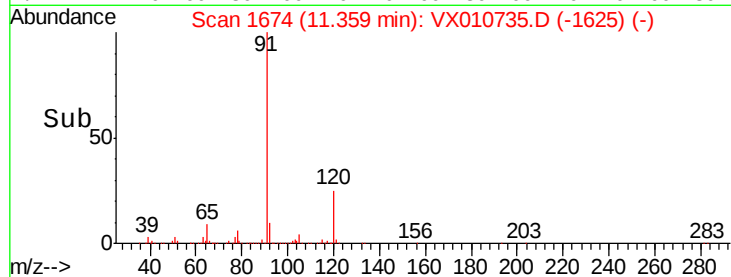
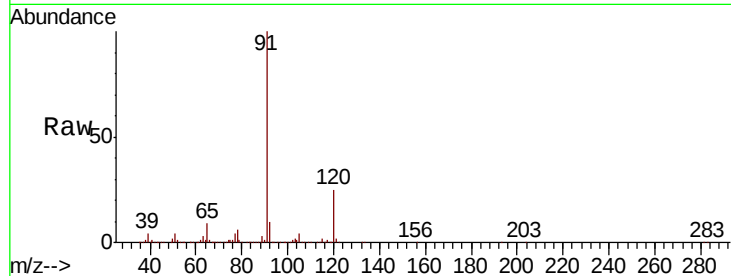
Ion Ratio Lower Upper

91 100

120 24.4 12.4 37.4

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#79

2-Chlorotoluene

Concen: 50.970 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010735.D

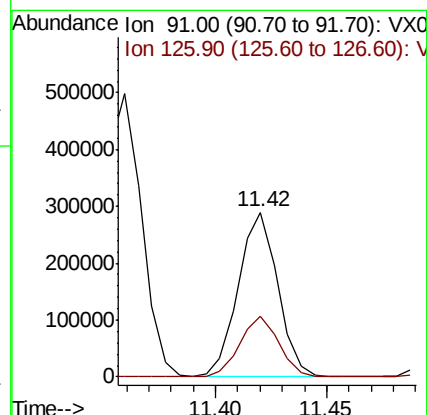
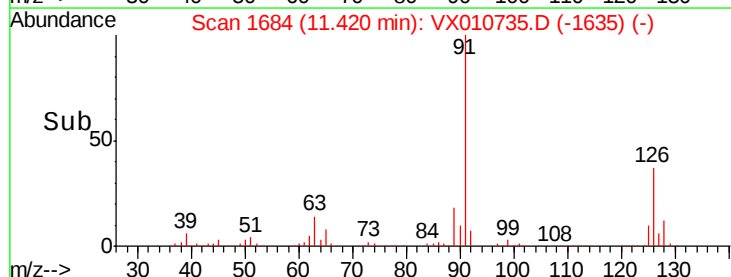
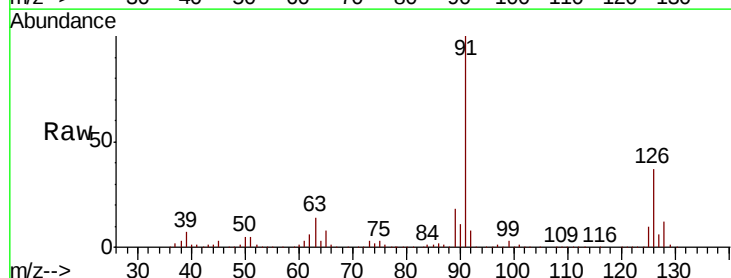
Acq: 09 Jul 2019 07:23

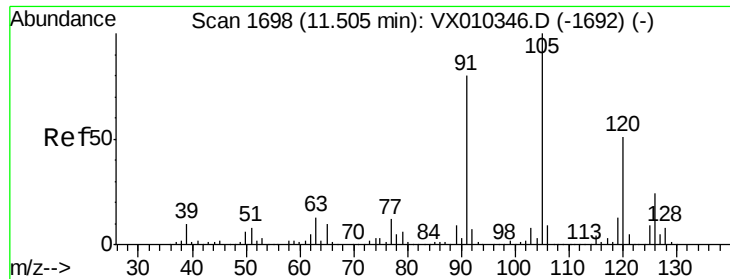
Tgt Ion: 91 Resp: 357155

Ion Ratio Lower Upper

91 100

126 36.6 18.7 56.1





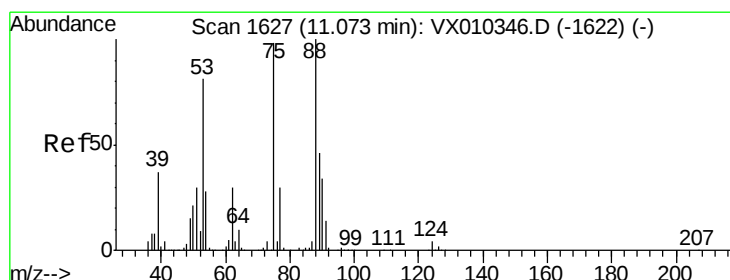
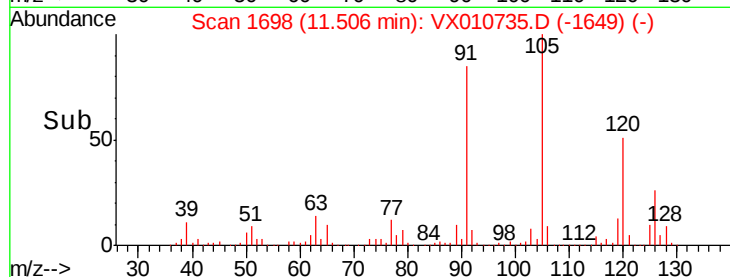
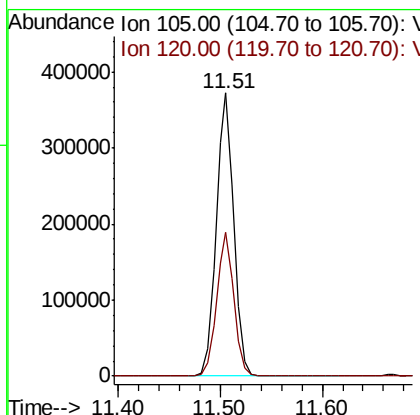
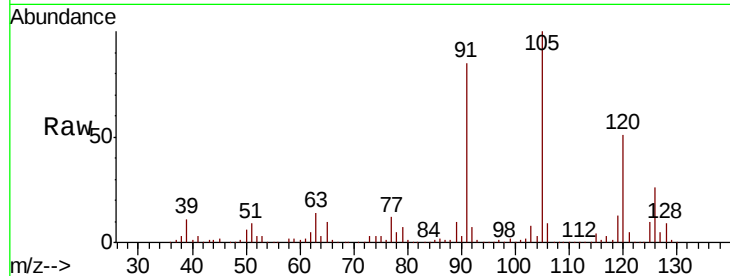
#80
 1,3,5-Trimethylbenzene
 Concen: 50.889 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion: 105 Resp: 449178
 Ion Ratio Lower Upper
 105 100
 120 49.7 25.2 75.6

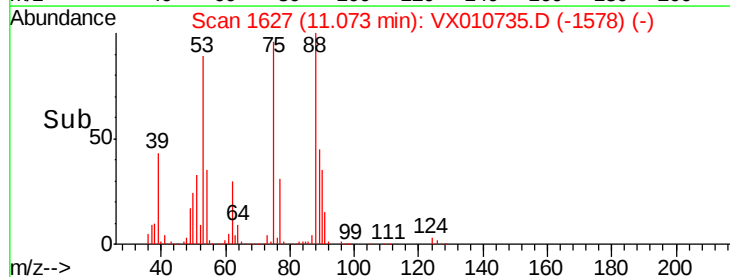
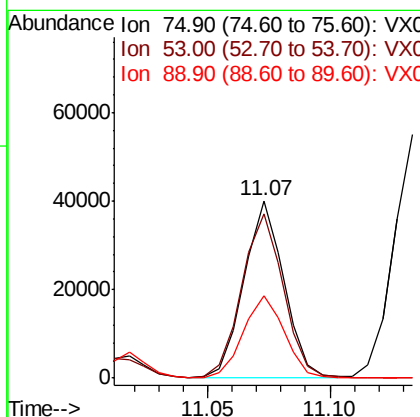
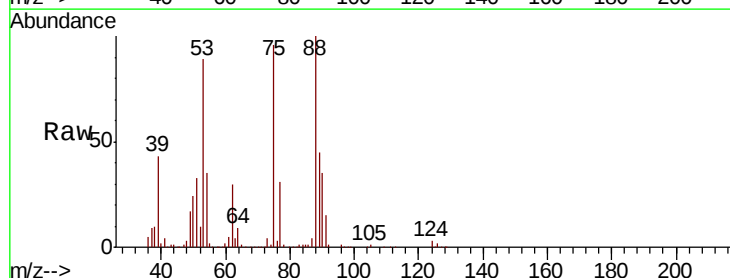
Manual Integrations
 APPROVED

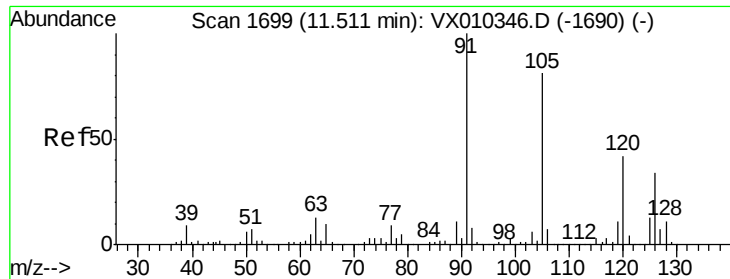
MMDadoda
 7/9/2019 11:24:21 AM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 36.878 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion: 75 Resp: 45498
 Ion Ratio Lower Upper
 75 100
 53 96.9 66.1 99.1
 89 48.3 37.8 56.6





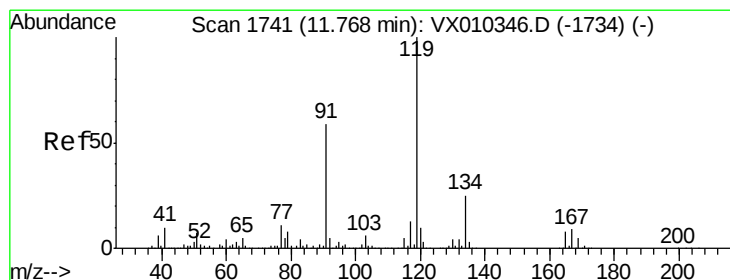
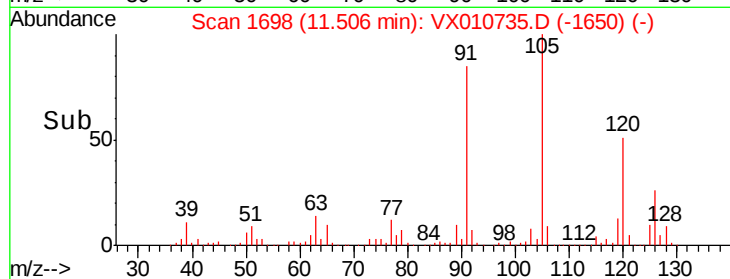
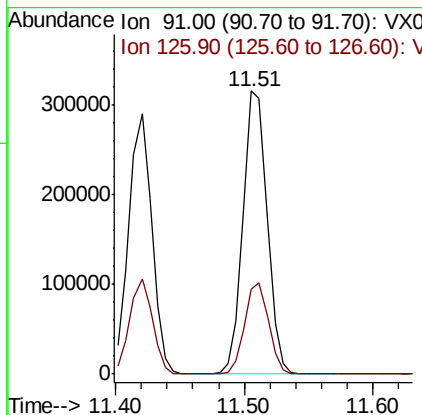
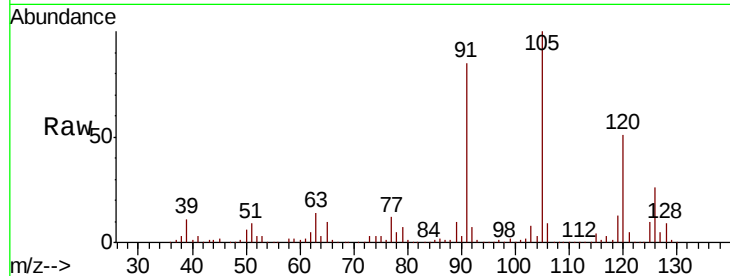
#82
4-Chlorotoluene
Concen: 51.352 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion: 91 Resp: 409455
Ion Ratio Lower Upper
91 100
126 31.8 16.2 48.6

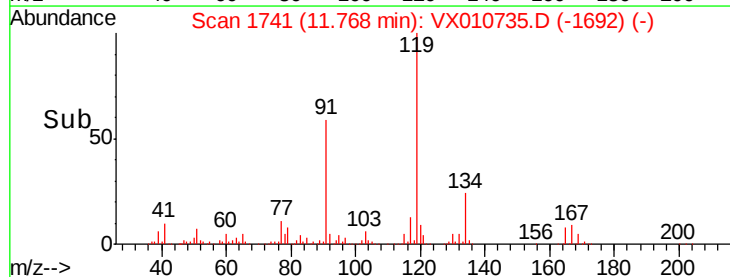
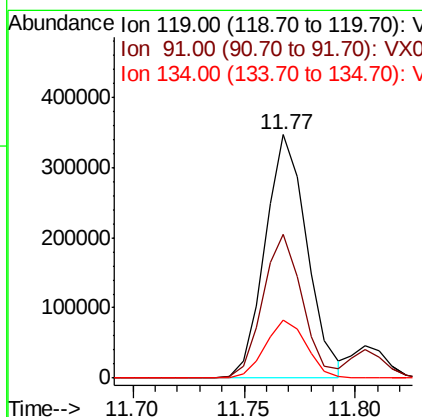
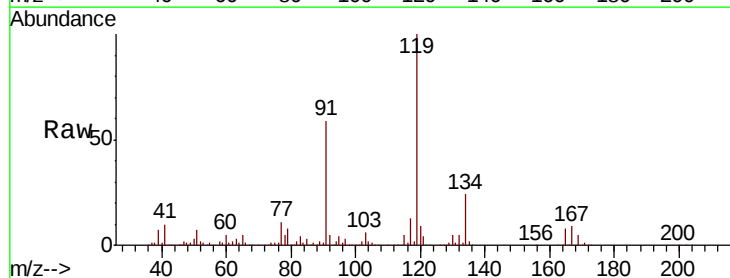
Manual Integrations
APPROVED

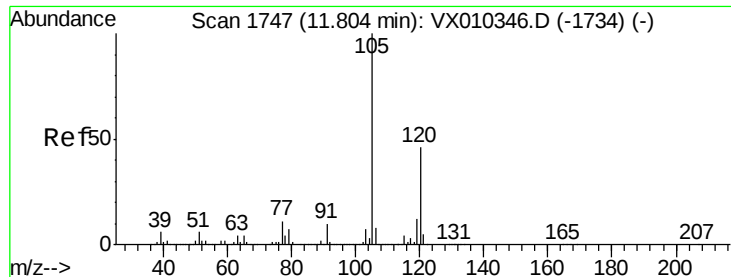
MMDadoda
7/9/2019 11:24:21 AM



#83
tert-Butylbenzene
Concen: 51.048 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion: 119 Resp: 452236
Ion Ratio Lower Upper
119 100
91 56.4 27.6 82.7
134 23.7 11.8 35.4





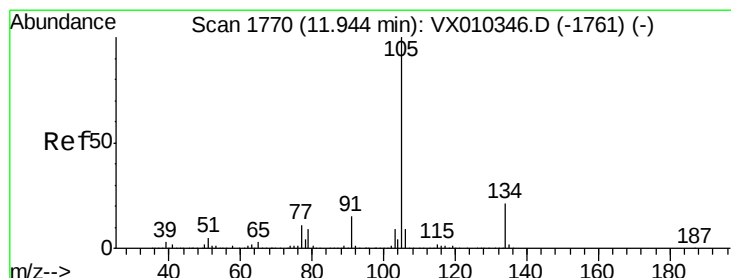
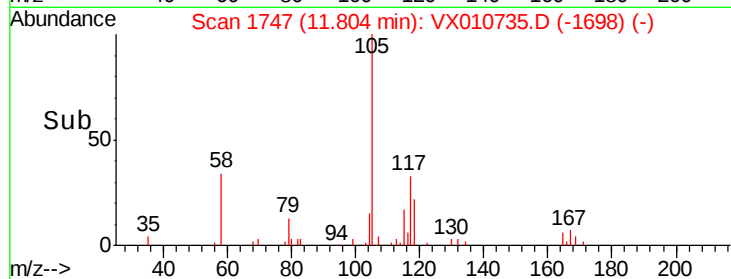
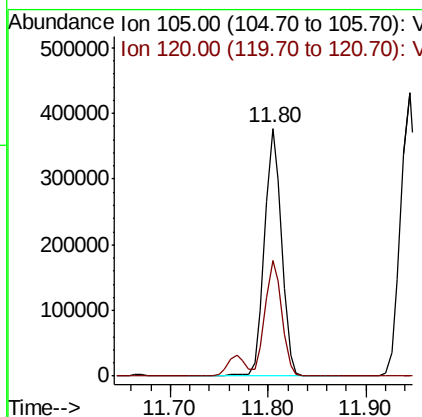
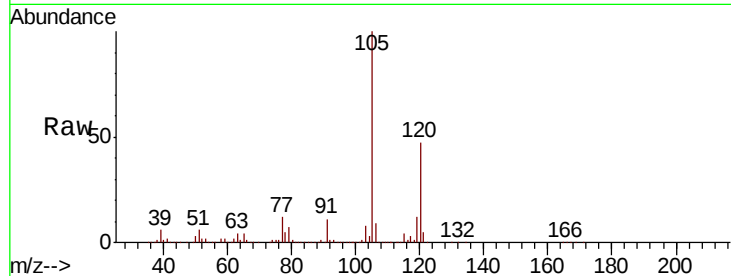
#84
 1,2,4-Trimethylbenzene
 Concen: 51.290 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	23.1	69.2

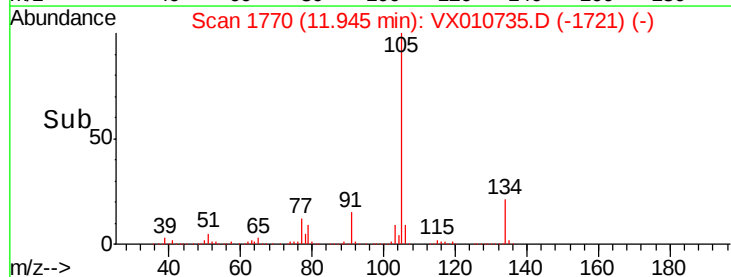
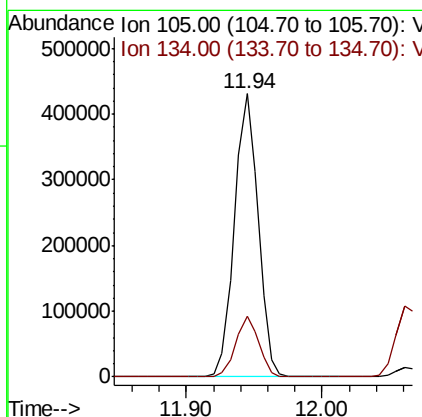
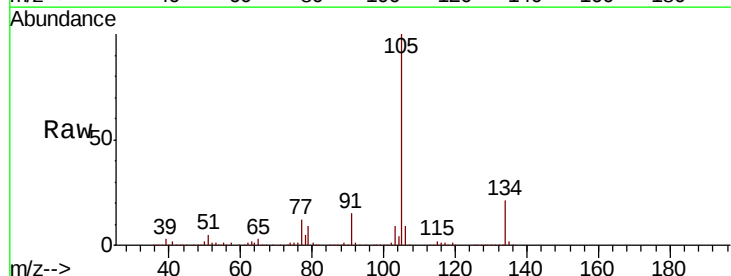
Manual Integrations
 APPROVED

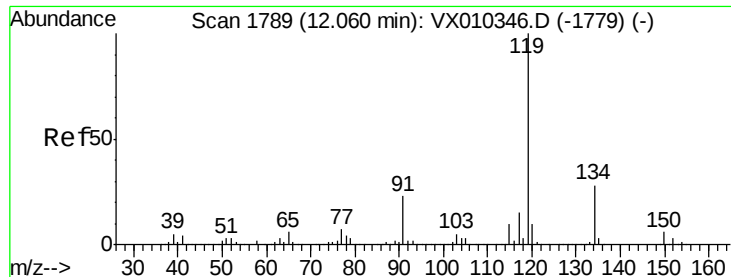
MMDadoda
 7/9/2019 11:24:21 AM



#85
 sec-Butylbenzene
 Concen: 50.140 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.7	31.9





#86

p-Isopropyltoluene

Concen: 50.009 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:119 Resp: 481157
Ion Ratio Lower Upper

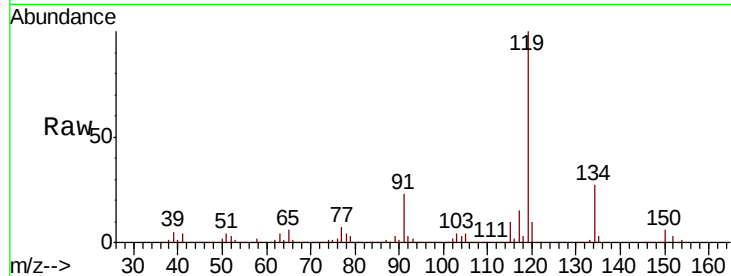
119 100

134 27.2 13.7 41.1

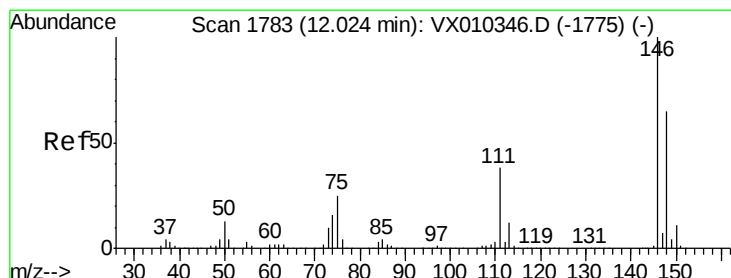
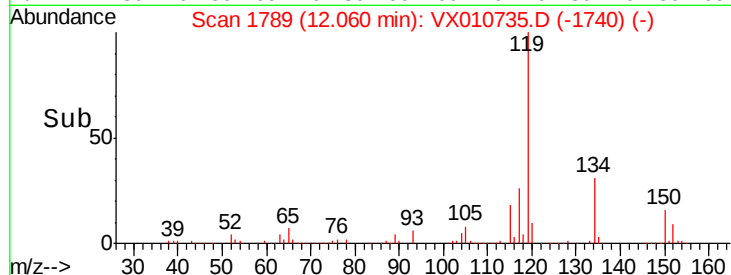
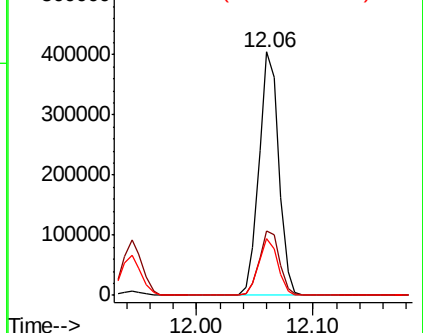
91 22.7 11.3 33.8

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V



#87

1,3-Dichlorobenzene

Concen: 53.151 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX010735.D

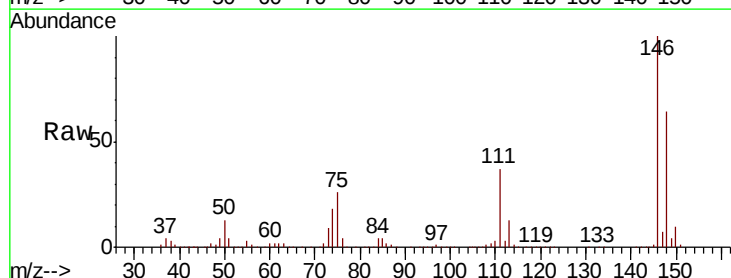
Acq: 09 Jul 2019 07:23

Tgt Ion:146 Resp: 277380
Ion Ratio Lower Upper

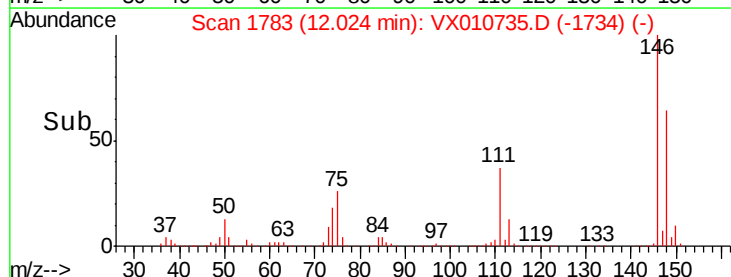
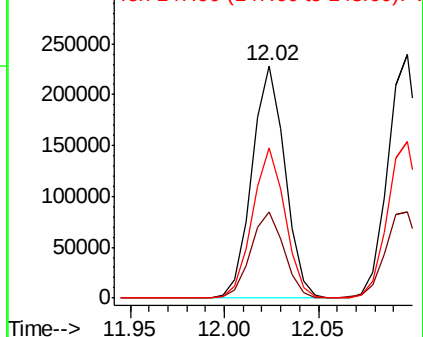
146 100

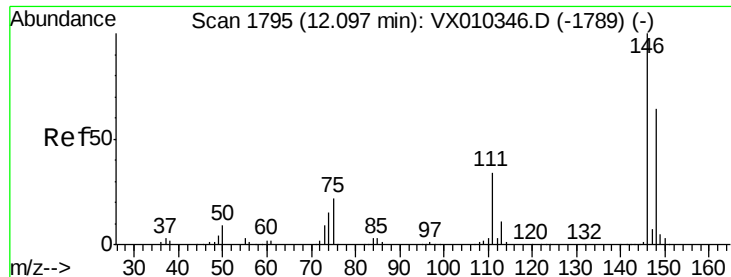
111 37.4 19.1 57.1

148 63.7 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





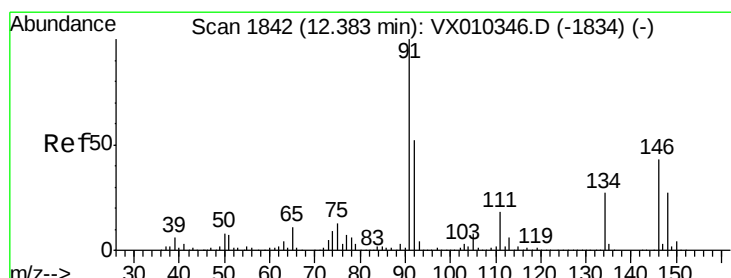
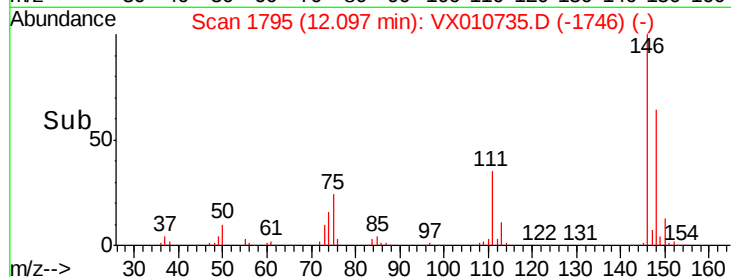
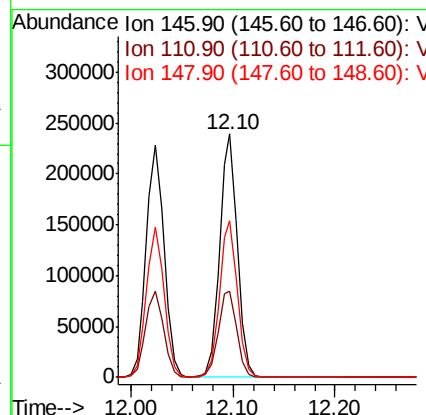
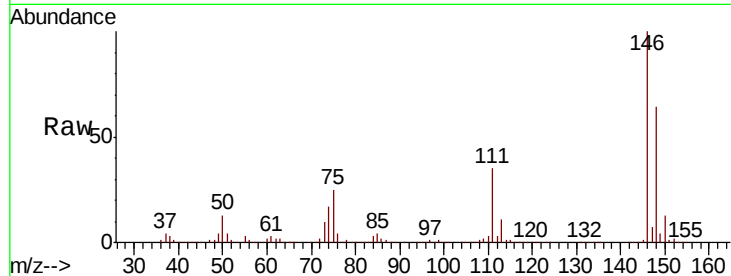
#88
 1,4-Dichlorobenzene
 Concen: 55.196 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.3
148	64.6	32.1	96.3

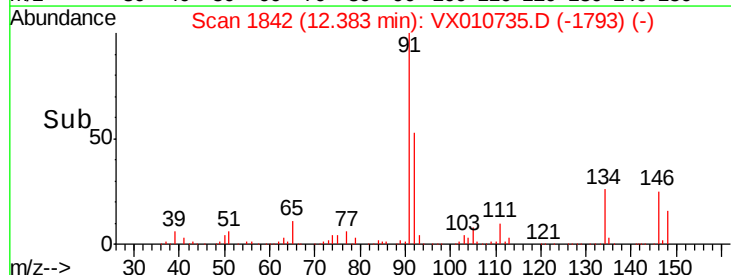
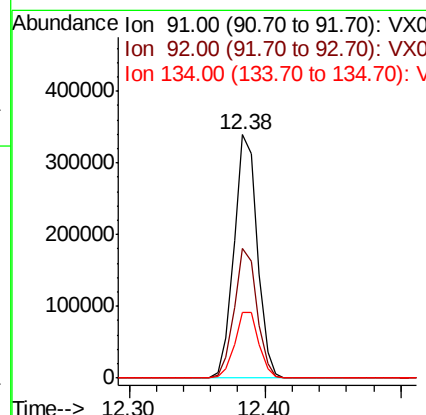
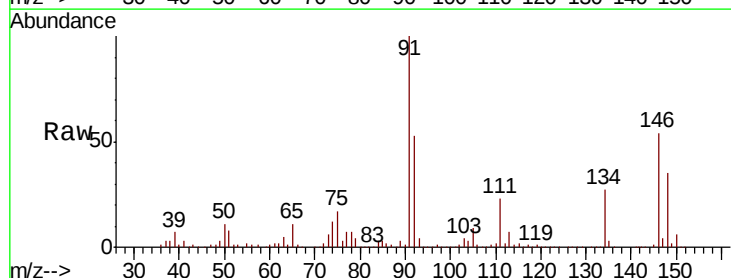
Manual Integrations
 APPROVED

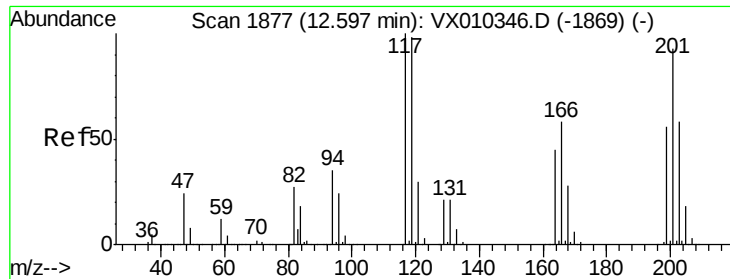
MMDadoda
 7/9/2019 11:24:21 AM



#89
 n-Butylbenzene
 Concen: 49.148 ug/l
 RT: 12.38 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	27.9	14.1	42.4





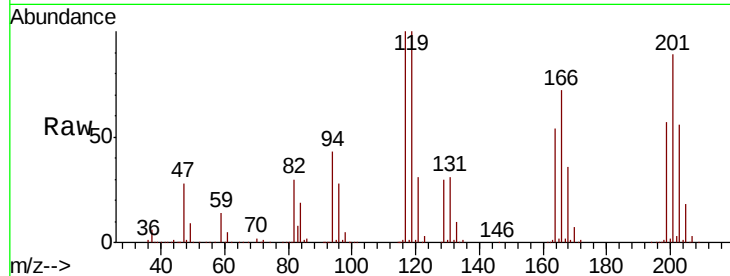
#90
Hexachloroethane
Concen: 48.131 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

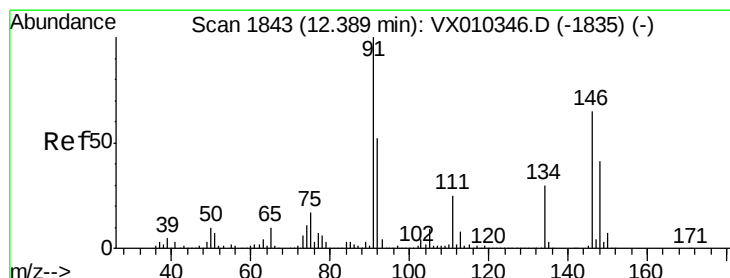
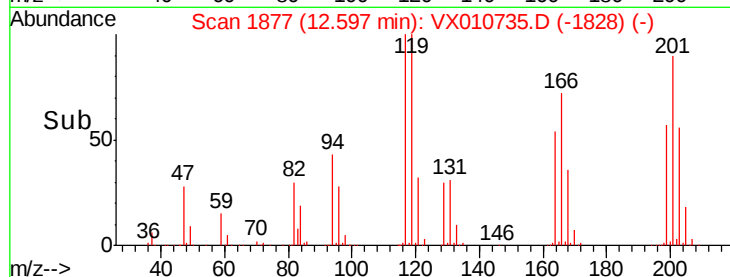
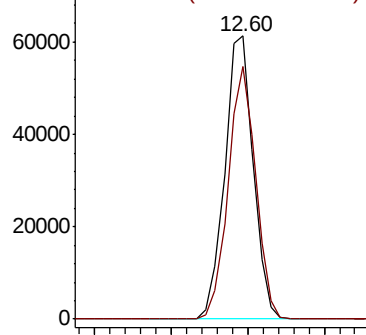
Tgt Ion:117 Resp: 80073
Ion Ratio Lower Upper
117 100
201 85.9 44.0 131.8

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM

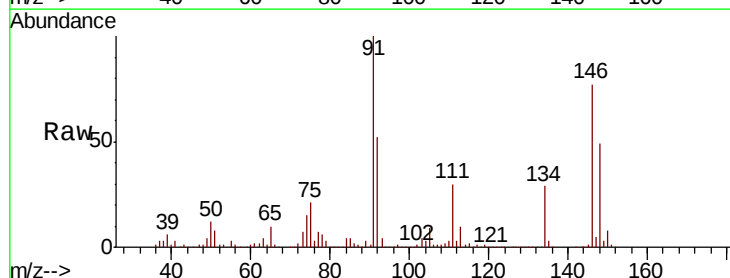


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

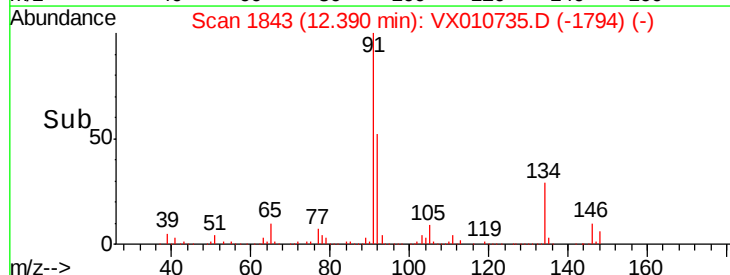
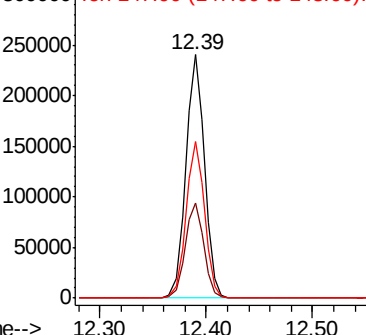


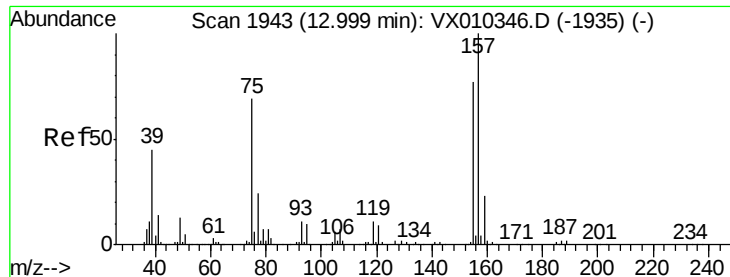
#91
1,2-Dichlorobenzene
Concen: 56.662 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion:146 Resp: 293887
Ion Ratio Lower Upper
146 100
111 39.1 19.2 57.6
148 63.8 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 50.333 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Instrument :

MSVOA_X

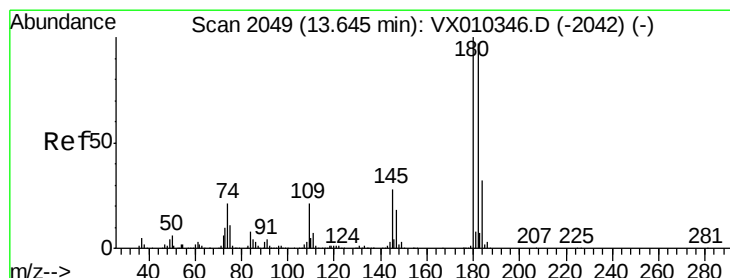
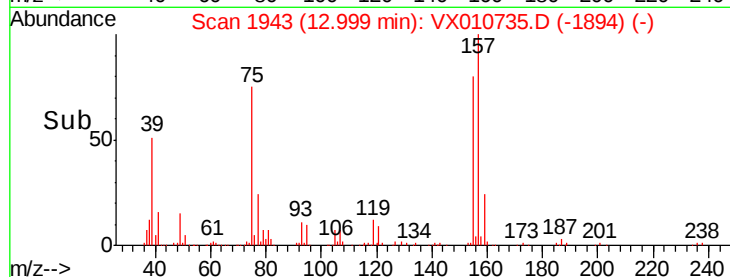
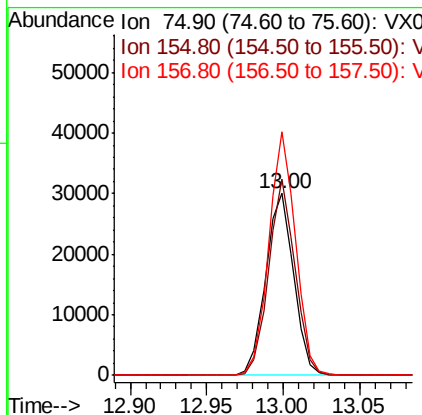
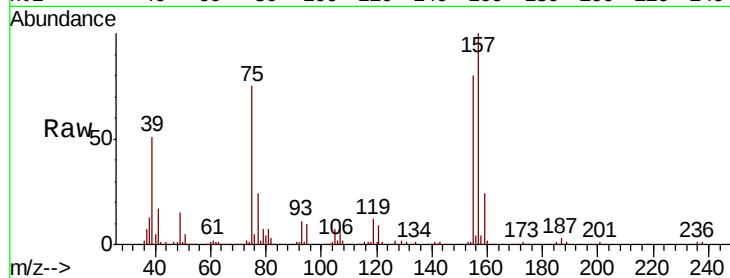
ClientSampleId :

WP022MW359-190705MSD

Tgt Ion:	75	Resp:	38480
Ion Ratio	Lower	Upper	
75	100		
155	101.5	54.4	163.1
157	127.3	69.5	208.3

Manual Integrations
APPROVED

MMDadoda
7/9/2019 11:24:21 AM



#93

1,2,4-Trichlorobenzene

Concen: 48.333 ug/l

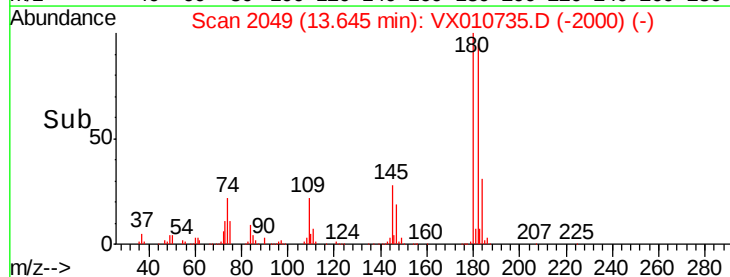
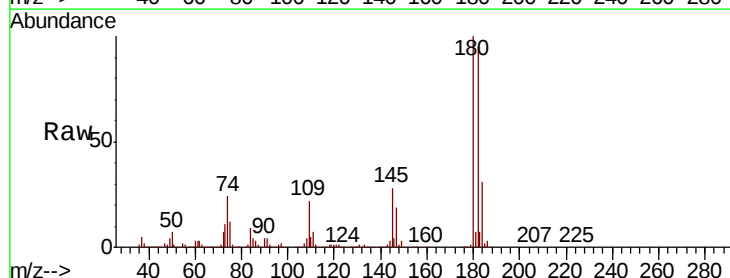
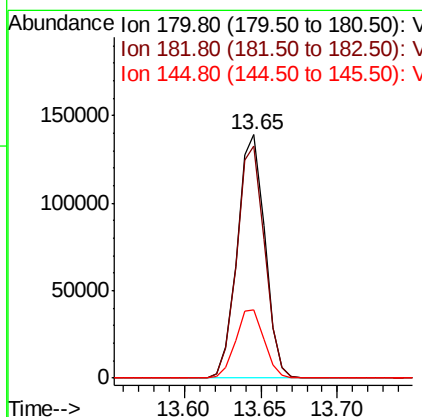
RT: 13.65 min Scan# 2049

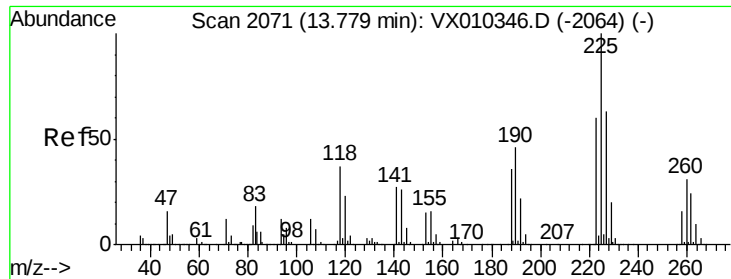
Delta R.T. 0.00 min

Lab File: VX010735.D

Acq: 09 Jul 2019 07:23

Tgt Ion:	180	Resp:	173848
Ion Ratio	Lower	Upper	
180	100		
182	96.2	48.0	144.0
145	29.0	14.4	43.4





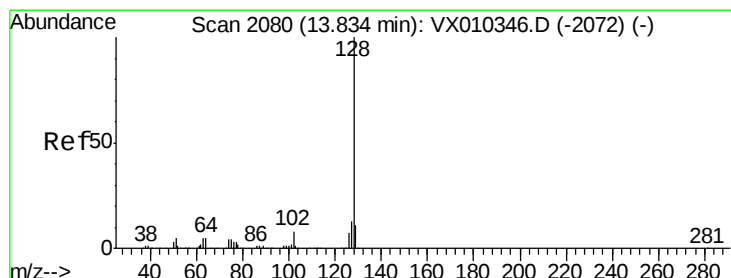
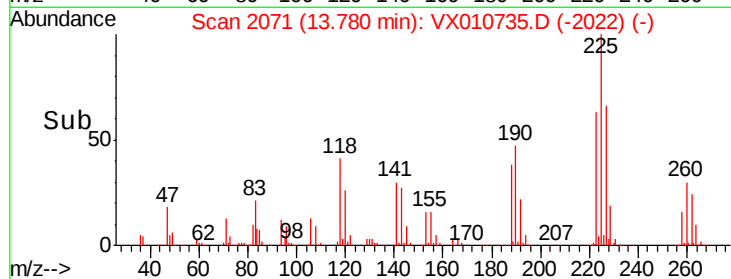
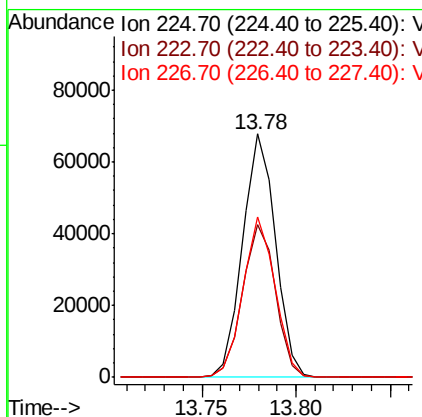
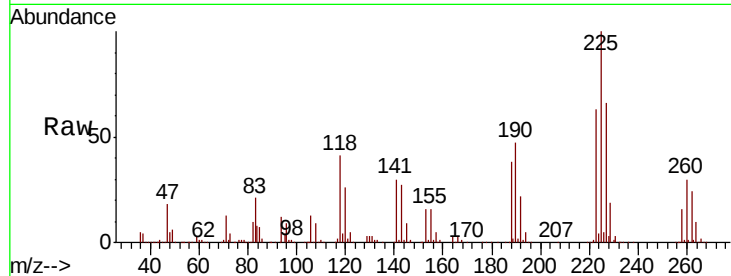
#94
Hexachlorobutadiene
Concen: 46.631 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Instrument :
MSVOA_X
ClientSampleId :
WP022MW359-190705MSD

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	81974		
223	62.9	30.9	92.7	
227	64.5	31.9	95.5	

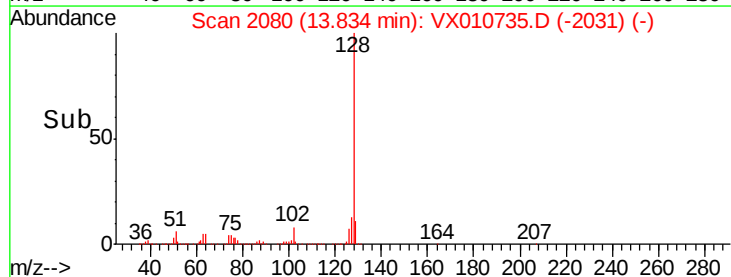
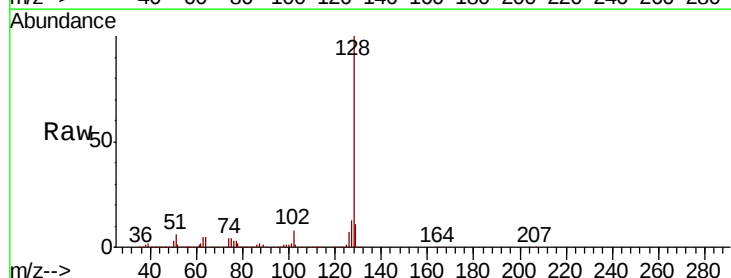
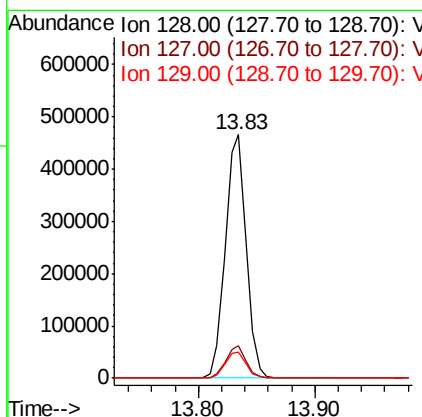
Manual Integrations
APPROVED

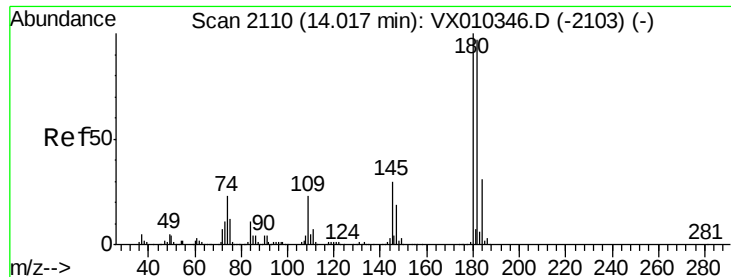
MMDadoda
7/9/2019 11:24:21 AM



#95
Naphthalene
Concen: 51.864 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010735.D
Acq: 09 Jul 2019 07:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	573278		
127	12.8	10.2	15.4	
129	10.8	8.9	13.3	





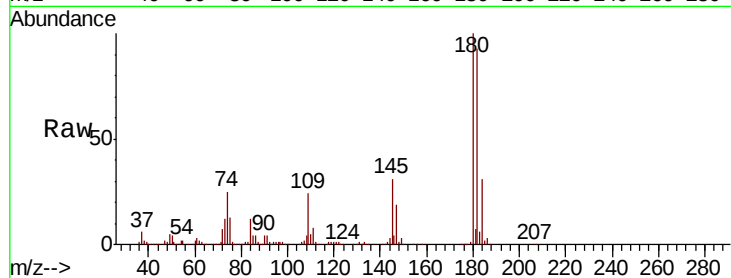
#96
 1,2,3-Trichlorobenzene
 Concen: 50.365 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX010735.D
 Acq: 09 Jul 2019 07:23

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022MW359-190705MSD

Tgt Ion:	180	Resp:	180119
Ion Ratio	Lower	Upper	
180	100		
182	94.6	47.8	143.3
145	31.2	15.2	45.6

Manual Integrations
 APPROVED

MMDadoda
 7/9/2019 11:24:21 AM



Abundance Ion 179.80 (179.50 to 180.50): V
 200000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.90 (144.60 to 145.60): V

