

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
 Data File : VW006514.D
 Acq On : 30 Oct 2018 20:36
 Operator : SY/AP
 Sample : J5649-07MS
 Misc : 4.90G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:35 PM

Quant Time: Oct 31 04:11:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	104282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	135929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	101906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	37120	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46389	53.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.32%	
35) Dibromofluoromethane	7.88	113	47667	59.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.70%	
50) Toluene-d8	10.33	98	162856	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	41505	36.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	35347	68.496	ug/l	95
3) Chloromethane	2.21	50	42527	64.020	ug/l	99
4) Vinyl Chloride	2.37	62	62618	66.008	ug/l	97
5) Bromomethane	2.78	94	53436	61.931	ug/l	97
6) Chloroethane	2.93	64	44209	65.029	ug/l	97
7) Trichlorofluoromethane	3.26	101	74974	84.838	ug/l	100
8) Diethyl Ether	3.68	74	35433	75.443	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	61485	66.389	ug/l	98
10) Methyl Iodide	4.26	142	101606	65.915	ug/l	99
11) Tert butyl alcohol	5.18	59	21292	366.187	ug/l	99
12) 1,1-Dichloroethene	4.03	96	52439	60.184	ug/l	89
13) Acrolein	3.89	56	14007	248.955	ug/l	97
14) Allyl chloride	4.67	41	69245	55.581	ug/l	98
15) Acrylonitrile	5.37	53	66926	397.287	ug/l	100
16) Acetone	4.13	43	72850	461.683	ug/l	94
17) Carbon Disulfide	4.37	76	116911	44.459	ug/l	98
18) Methyl Acetate	4.67	43	37078	85.221	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	114402	86.205	ug/l	100
20) Methylene Chloride	4.91	84	67539	74.631	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	52029	53.497	ug/l	97
22) Diisopropyl ether	6.31	45	176474	71.680	ug/l	100
23) Vinyl Acetate	6.26	43	446206	307.107	ug/l	97
24) 1,1-Dichloroethane	6.21	63	105539	66.435	ug/l	100
25) 2-Butanone	7.17	43	91925	393.584	ug/l	98
26) 2,2-Dichloropropane	7.17	77	81823	73.028	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	63590	59.250	ug/l	100
28) Bromochloromethane	7.51	49	39434	64.299	ug/l	93
29) Tetrahydrofuran	7.53	42	58158	405.104	ug/l	98
30) Chloroform	7.68	83	114989	66.437	ug/l	99
31) Cyclohexane	7.96	56	87187	55.111	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	108638	69.583	ug/l	99
36) 1,1-Dichloropropene	8.09	75	75217	60.035	ug/l	99
37) Ethyl Acetate	7.26	43	40206	86.373	ug/l	99
38) Carbon Tetrachloride	8.07	117	97654	71.100	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV103118\
 Data File : VW006514.D
 Acq On : 30 Oct 2018 20:36
 Operator : SY/AP
 Sample : J5649-07MS
 Misc : 4.90G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 DL-03AMS

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:35 PM

Quant Time: Oct 31 04:11:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88878	53.366	ug/l	100
40) Benzene	8.32	78	240667	70.027	ug/l	98
41) Methacrylonitrile	7.49	41	23524	83.829	ug/l	96
42) 1,2-Dichloroethane	8.40	62	72908	72.206	ug/l	99
43) Isopropyl Acetate	8.43	43	77423	81.346	ug/l	97
44) Trichloroethene	9.09	130	62532	59.306	ug/l	100
45) 1,2-Dichloropropane	9.37	63	58711	71.390	ug/l	99
46) Dibromomethane	9.46	93	32633	69.621	ug/l	97
47) Bromodichloromethane	9.65	83	76723	67.514	ug/l	98
48) Methyl methacrylate	9.44	41	34081	75.542	ug/l	94
49) 1,4-Dioxane	9.46	88	12139	1682.268	ug/l #	99
51) 4-Methyl-2-Pentanone	10.21	43	200507	420.462	ug/l	99
52) Toluene	10.39	92	145031	62.945	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	61533	54.347	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	75024	57.735	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	50098	76.377	ug/l	98
56) Ethyl methacrylate	10.65	69	57528	71.542	ug/l	95
57) 1,3-Dichloropropane	10.93	76	76423	70.383	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96439	313.867	ug/l	97
59) 2-Hexanone	10.97	43	127279	373.900	ug/l	97
60) Dibromochloromethane	11.13	129	53174	65.083	ug/l	97
61) 1,2-Dibromoethane	11.24	107	42831	65.352	ug/l	98
64) Tetrachloroethene	10.87	164	52784	66.722	ug/l	97
65) Chlorobenzene	11.66	112	138920	63.681	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	65300	84.229	ug/l	98
67) Ethyl Benzene	11.74	91	250234	66.189	ug/l	99
68) m/p-Xylenes	11.84	106	195352	130.731	ug/l	98
69) o-Xylene	12.17	106	101486	71.263	ug/l	100
70) Styrene	12.18	104	133343	57.580	ug/l	99
71) Bromoform	12.35	173	34233	79.166	ug/l #	98
73) Isopropylbenzene	12.47	105	264351	100.804	ug/l	99
74) N-amyl acetate	12.28	43	53771	105.569	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	57855	145.052	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	43197m	152.358	ug/l	
77) Bromobenzene	12.75	156	55928	87.072	ug/l	97
78) n-propylbenzene	12.81	91	253260	83.010	ug/l	99
79) 2-Chlorotoluene	12.90	91	148699	86.745	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	208585	94.350	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	12608	106.298	ug/l	98
82) 4-Chlorotoluene	12.99	91	128959	71.816	ug/l	100
83) tert-Butylbenzene	13.21	119	207439	104.875	ug/l	95
84) 1,2,4-Trimethylbenzene	13.26	105	200196	89.490	ug/l	98
85) sec-Butylbenzene	13.39	105	239505	85.711	ug/l	99
86) p-Isopropyltoluene	13.51	119	204109	80.756	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	83643	65.432	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	78987	62.059	ug/l	98
89) n-Butylbenzene	13.83	91	121006	52.350	ug/l	99
90) Hexachloroethane	14.10	117	41991	98.083	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	88103	77.266	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8256	115.611	ug/l	89

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW103118\
Data File : VW006514.D
Acq On : 30 Oct 2018 20:36
Operator : SY/AP
Sample : J5649-07MS
Misc : 4.90G/5ML/MSVOA W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

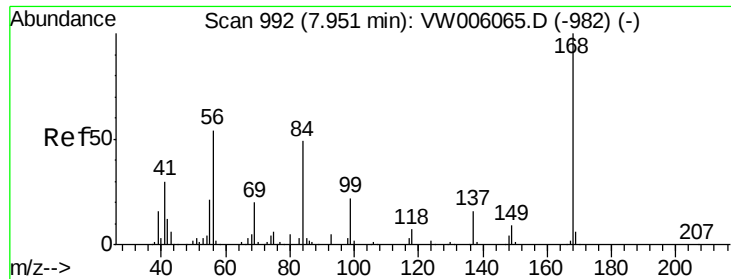
Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM

Quant Time: Oct 31 04:11:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	31907	36.367	ug/l	99
94) Hexachlorobutadiene	15.24	225	27110	49.188	ug/l	98
95) Naphthalene	15.38	128	88213	60.441	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	33026	43.520	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

DL-03AMS

Tot Ion:168 Resp: 104282

Ion Ratio Lower Upper

168 100

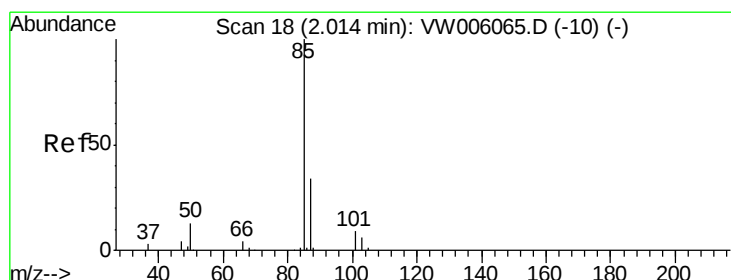
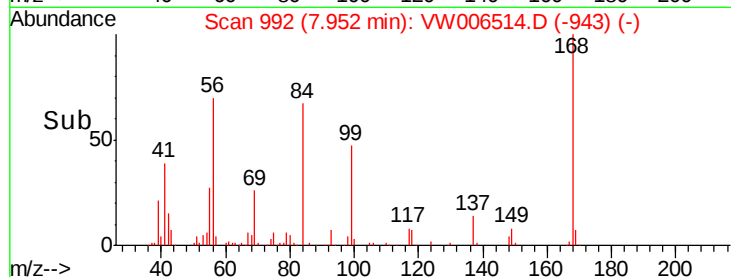
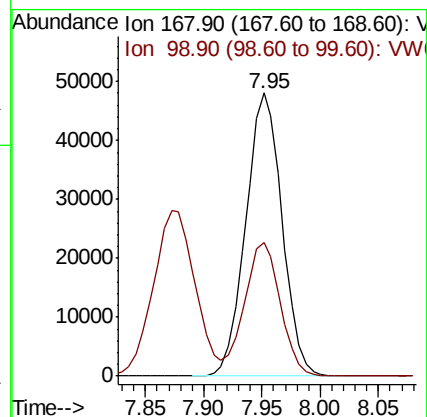
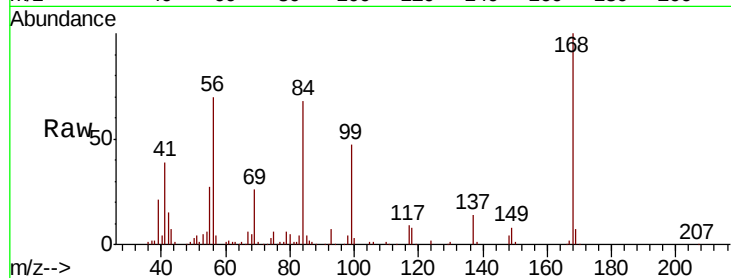
99 47.3 39.9 59.9

Manual Integrations

APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#2

Dichlorodifluoromethane

Concen: 68.496 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW006514.D

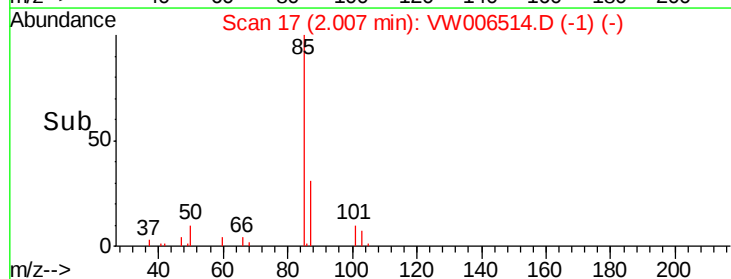
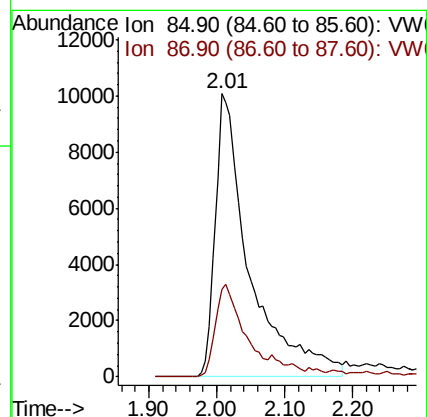
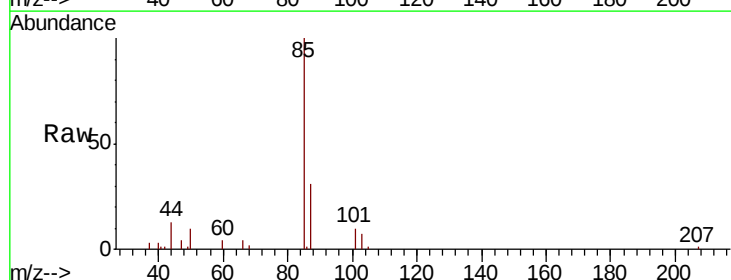
Acq: 30 Oct 2018 20:36

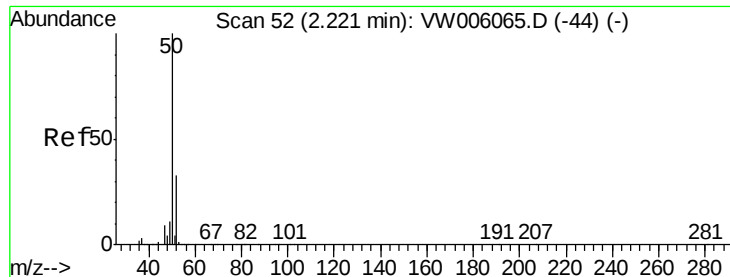
Tgt Ion: 85 Resp: 35347

Ion Ratio Lower Upper

85 100

87 30.9 16.9 50.6





#3

Chloromethane

Concen: 64.020 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

DL-03AMS

Tot Ion: 50 Resp: 42527

Ion Ratio Lower Upper

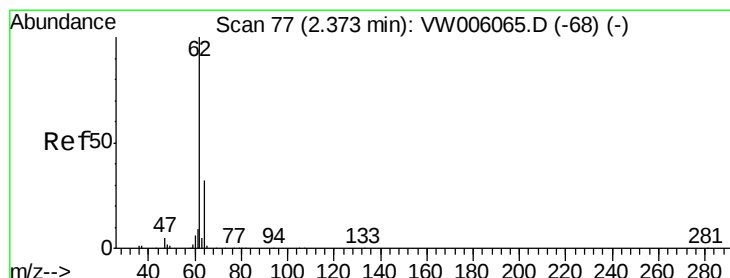
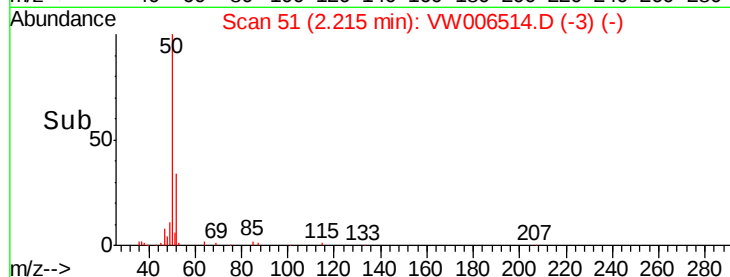
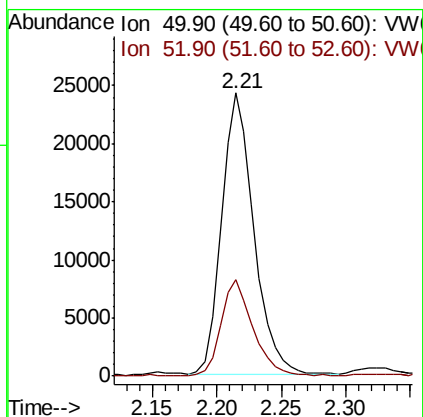
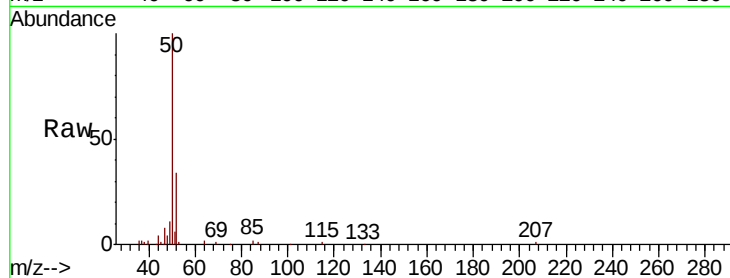
50 100

52 34.0 26.8 40.2

Manual Integrations
APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#4

Vinyl Chloride

Concen: 66.008 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006514.D

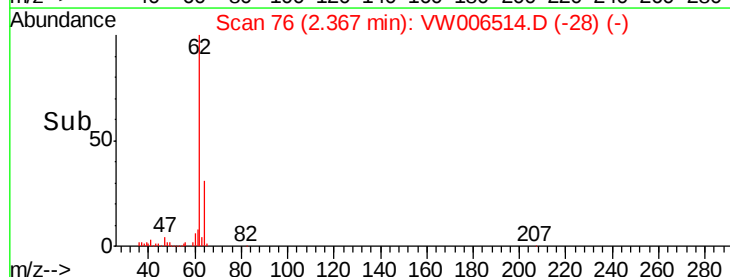
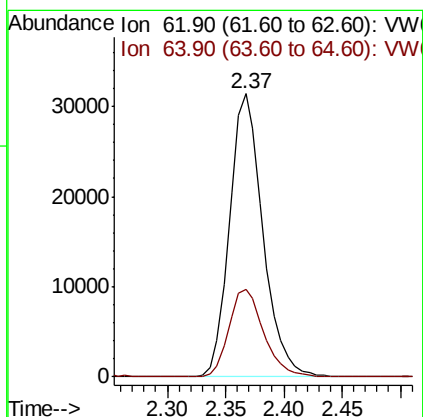
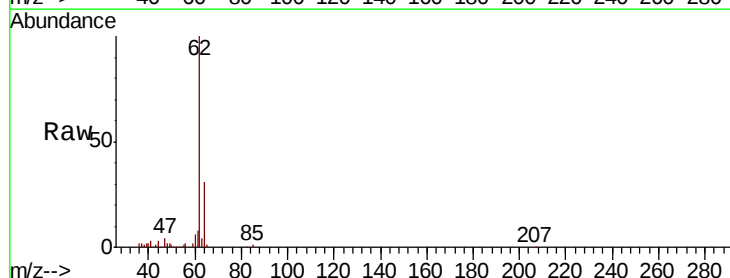
Acq: 30 Oct 2018 20:36

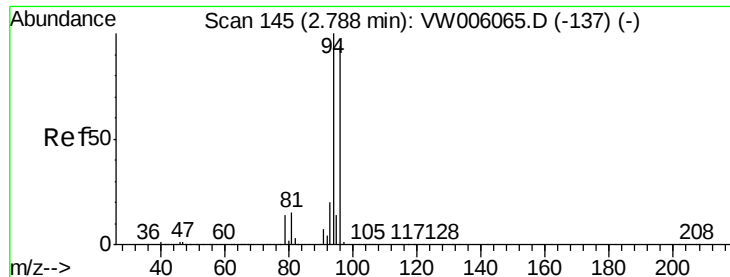
Tgt Ion: 62 Resp: 62618

Ion Ratio Lower Upper

62 100

64 30.9 25.9 38.9





#5

Bromomethane

Concen: 61.931 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

DL-03AMS

Tot Ion: 94 Resp: 53436

Ion Ratio Lower Upper

94 100

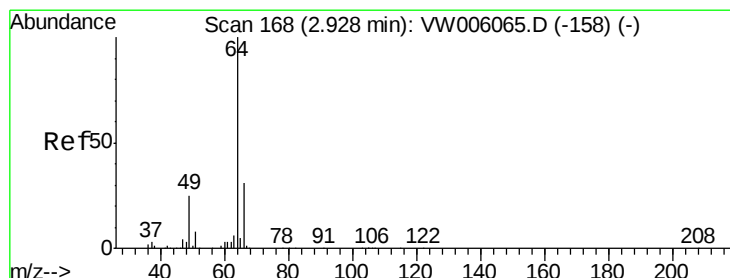
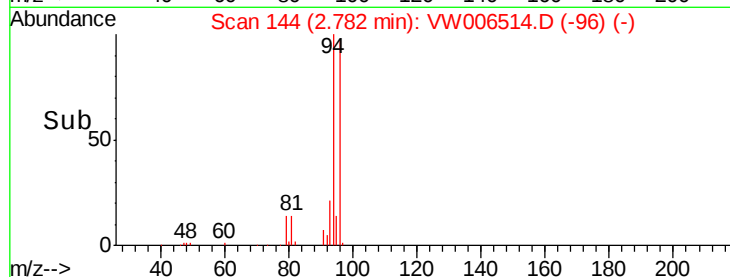
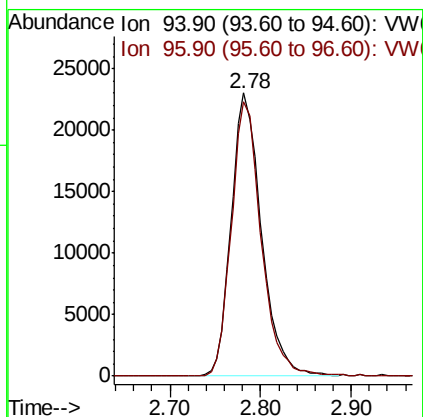
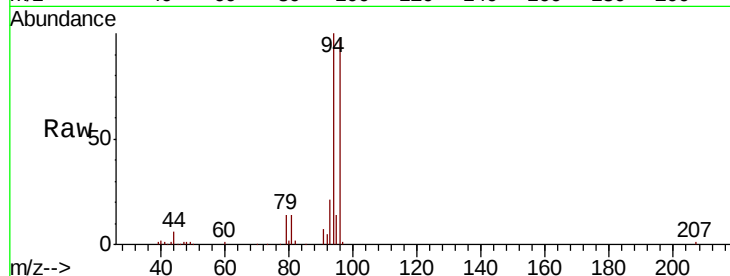
96 96.9 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#6

Chloroethane

Concen: 65.029 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW006514.D

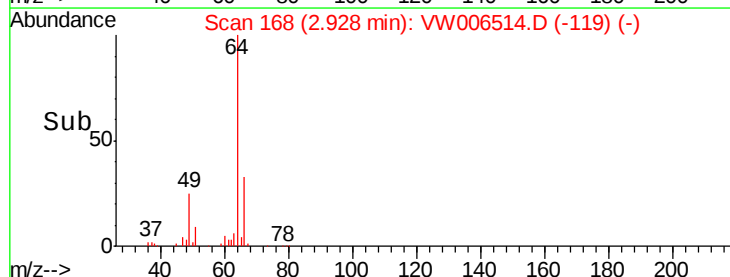
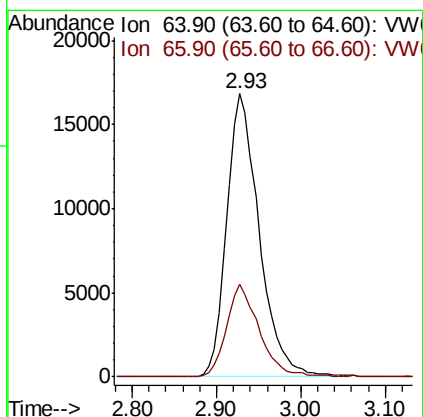
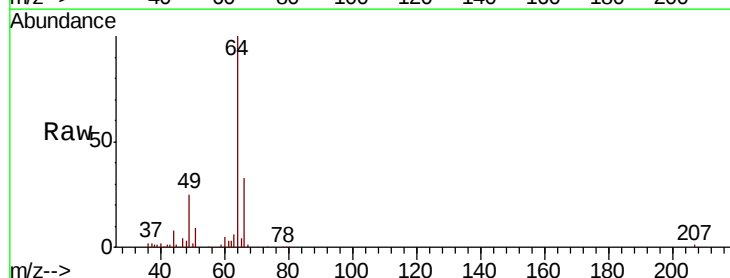
Acq: 30 Oct 2018 20:36

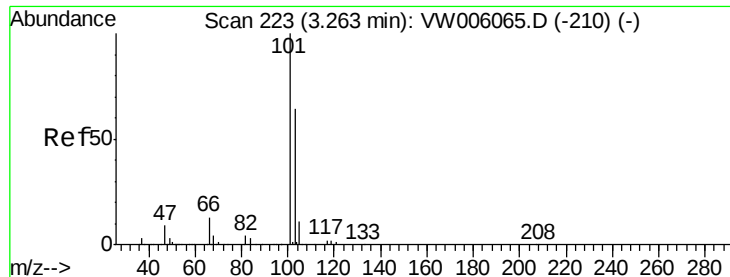
Tgt Ion: 64 Resp: 44209

Ion Ratio Lower Upper

64 100

66 32.8 24.9 37.3





#7

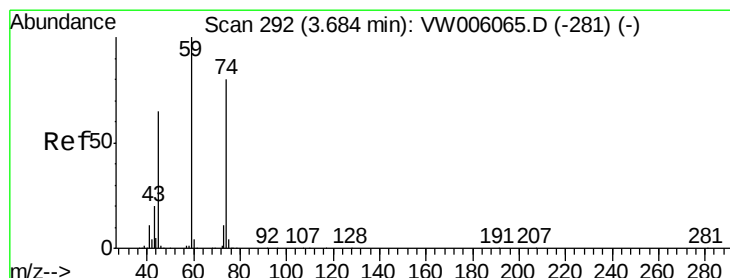
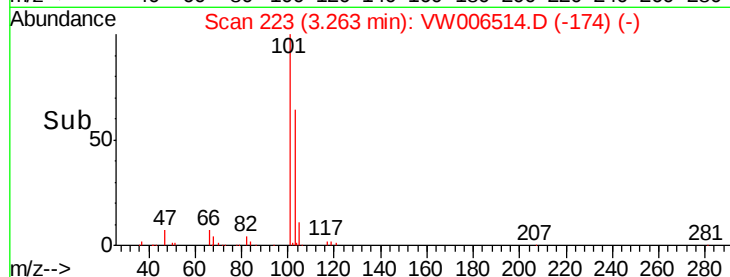
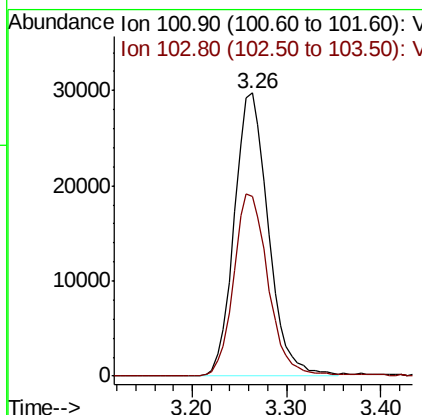
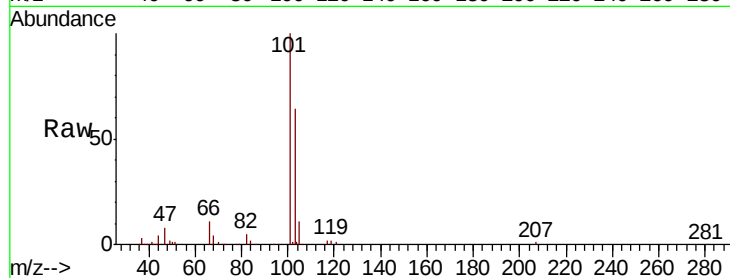
Trichlorofluoromethane
 Concen: 84.838 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.7	51.2	76.8

Manual Integrations
 APPROVED

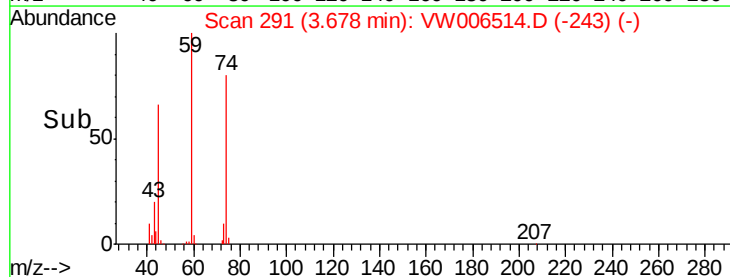
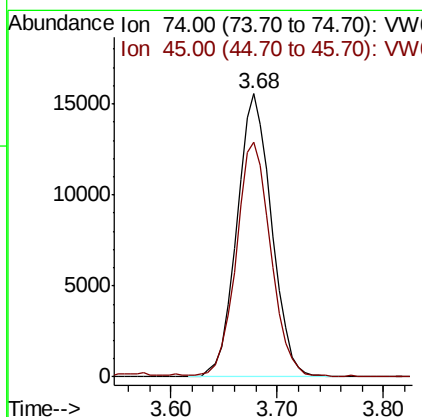
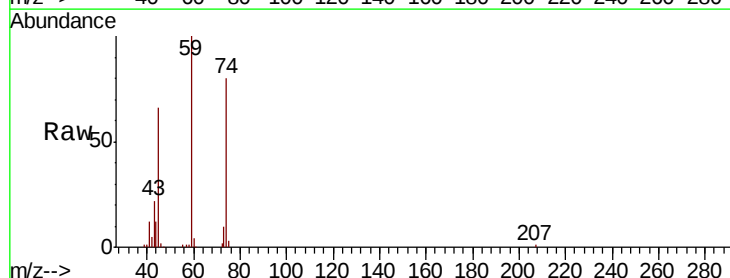
MMDadoda
 10/31/2018 12:31:35 PM



#8

Diethyl Ether
 Concen: 75.443 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	82.9	42.8	128.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 66.389 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

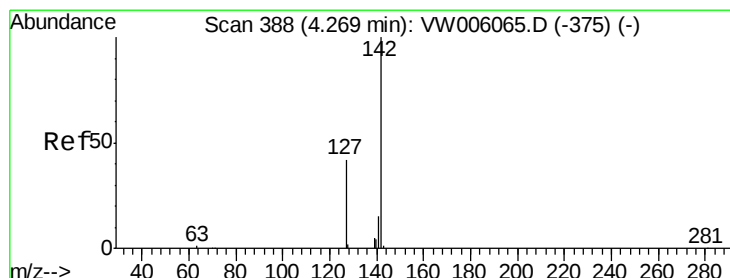
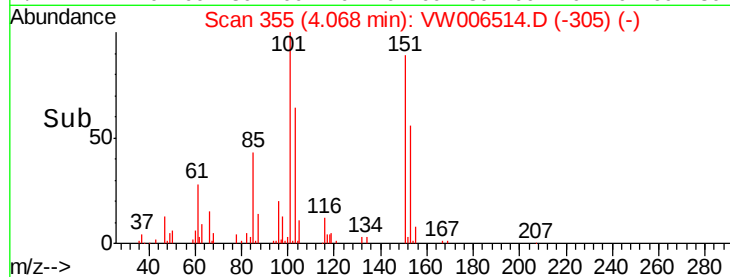
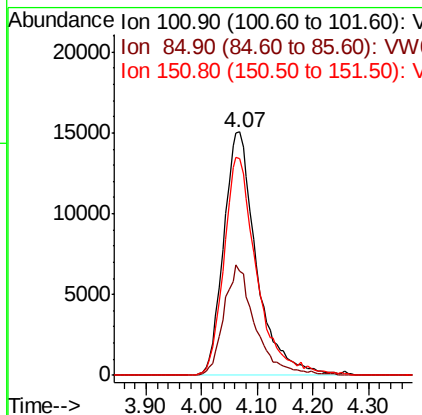
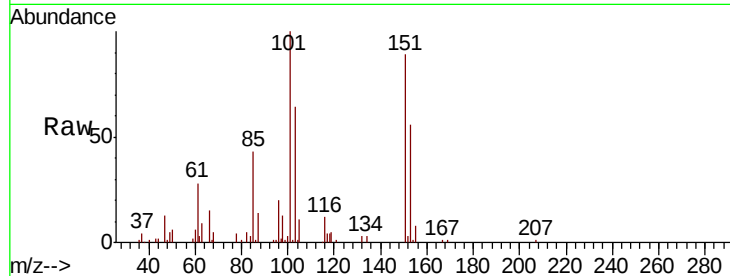
ClientSampleId :

DL-03AMS

Tot Ion:	101	Resp:	61485
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.9	52.3
151	89.9	70.4	105.6

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#10

Methyl Iodide

Concen: 65.915 ug/l

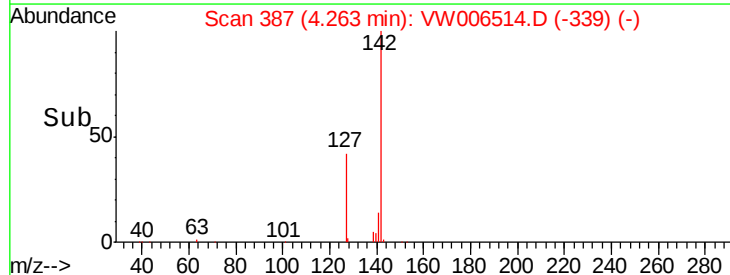
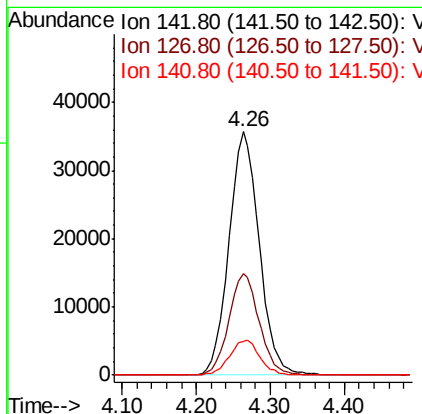
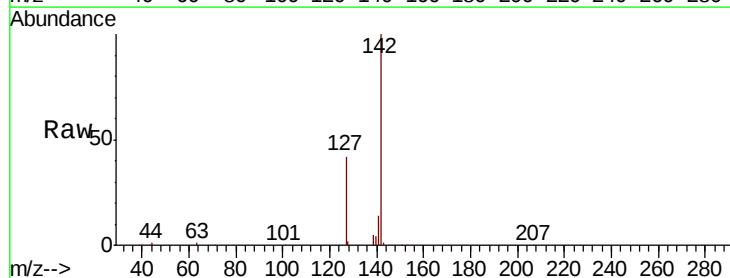
RT: 4.26 min Scan# 387

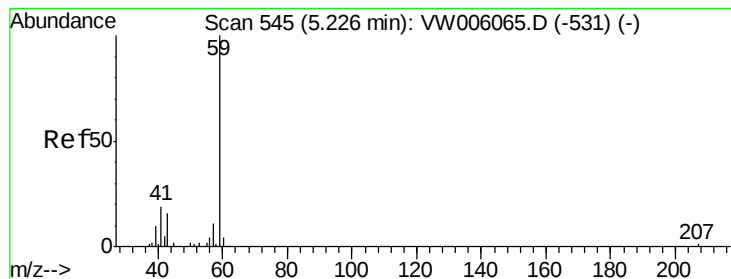
Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion:	142	Resp:	101606
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.6	50.4
141	14.3	11.6	17.4





#11

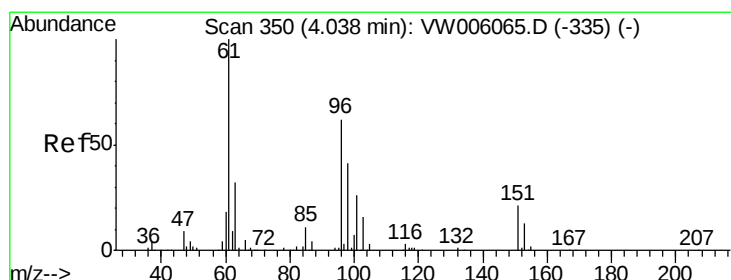
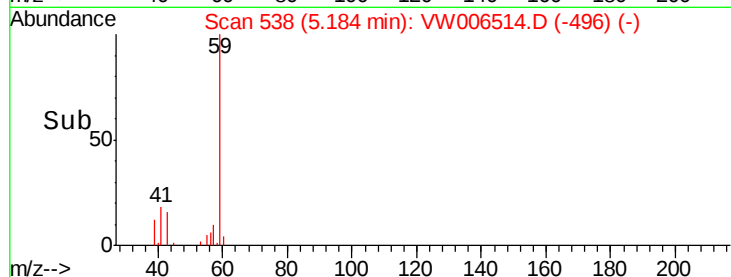
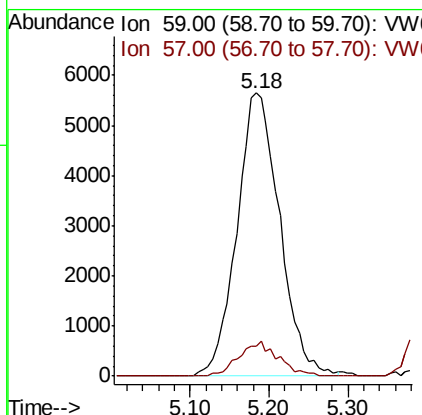
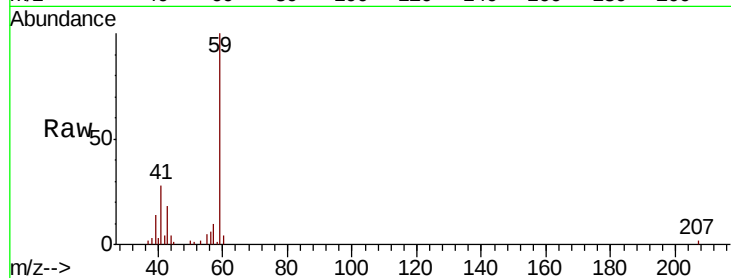
Tert butyl alcohol
Concen: 366.187 ug/l
RT: 5.18 min Scan# 538
Delta R.T. -0.04 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	59	Resp	21292
Ion Ratio	100	Lower	Upper
57	11.3	8.7	13.1

Manual Integrations
APPROVED

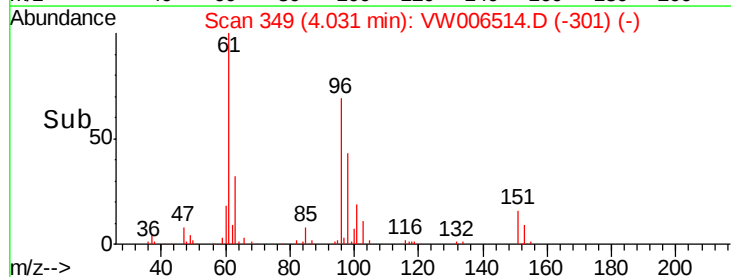
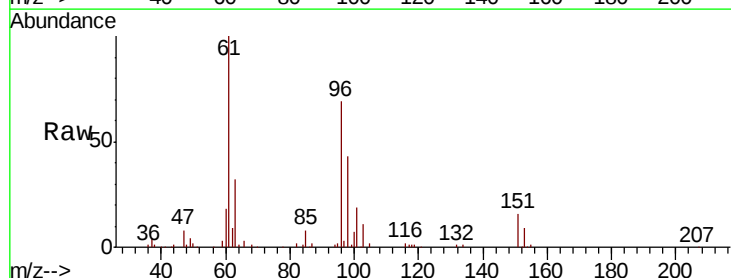
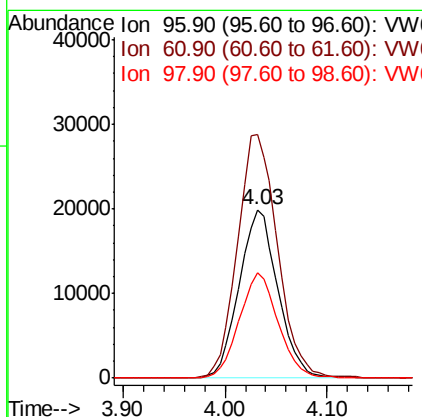
MMDadoda
10/31/2018 12:31:35 PM

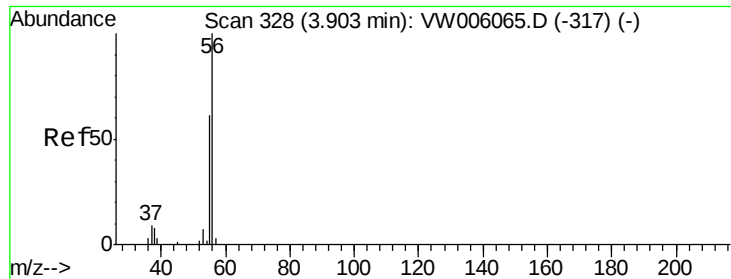


#12

1,1-Dichloroethene
Concen: 60.184 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	96	Resp	52439
Ion Ratio	100	Lower	Upper
61	144.5	129.3	193.9
98	62.2	53.1	79.7





#13

Acrolein

Concen: 248.955 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

Tot Ion: 56 Resp: 14007

Ion Ratio Lower Upper

56 100

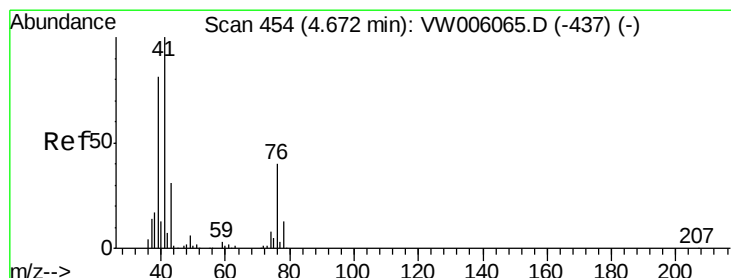
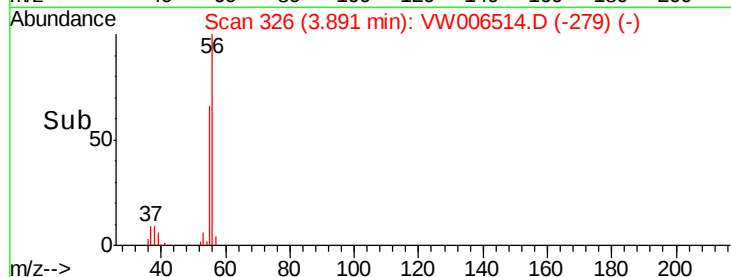
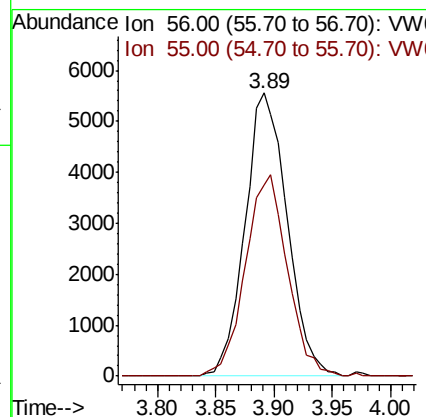
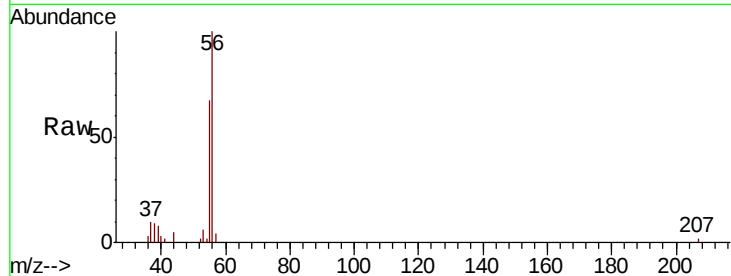
55 70.7 54.5 81.7

Manual Integrations

APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#14

Allyl chloride

Concen: 55.581 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

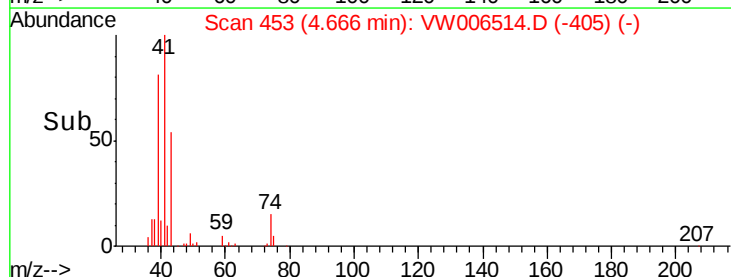
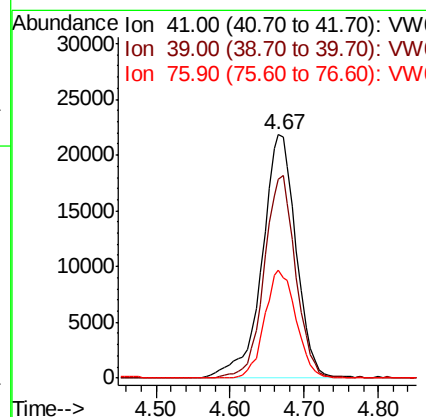
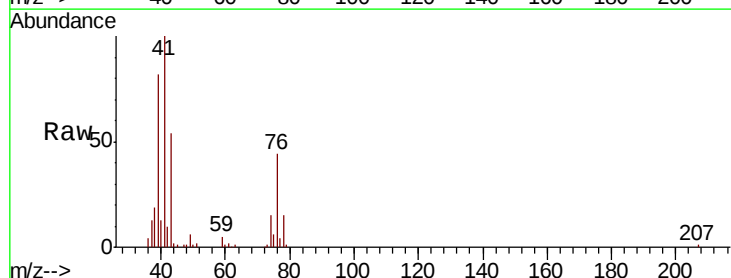
Tgt Ion: 41 Resp: 69245

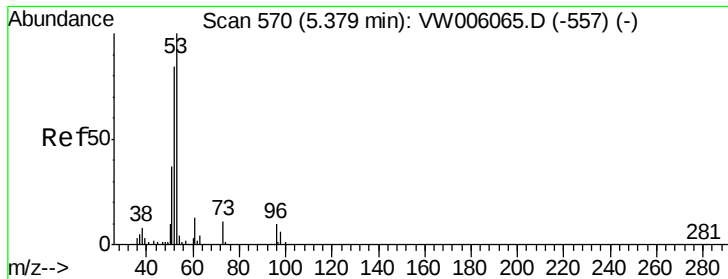
Ion Ratio Lower Upper

41 100

39 77.4 64.1 96.1

76 41.2 32.2 48.4





#15

Acrylonitrile

Concen: 397.287 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

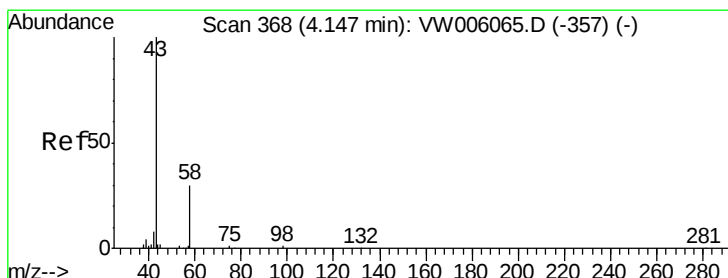
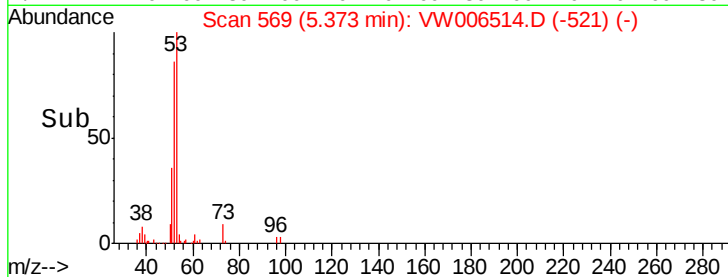
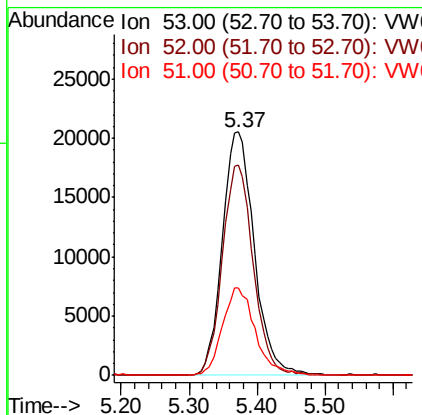
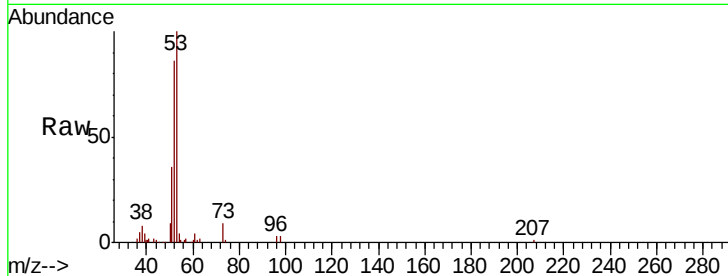
ClientSampled :

DL-03AMS

Tot Ion:	53	Resp:	66926
Ion	Ratio	Lower	Upper
53	100		
52	83.7	66.9	100.3
51	37.1	30.1	45.1

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#16

Acetone

Concen: 461.683 ug/l

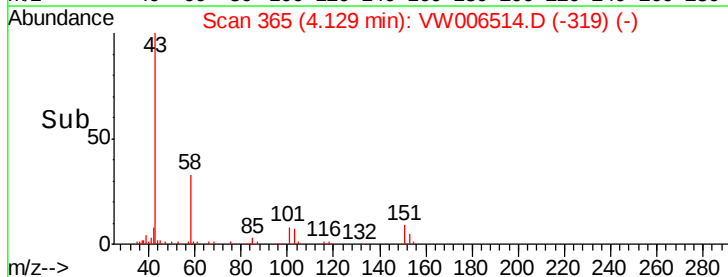
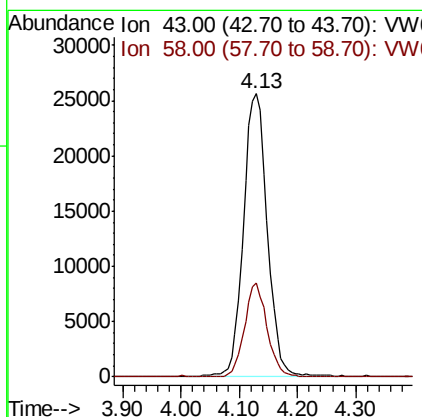
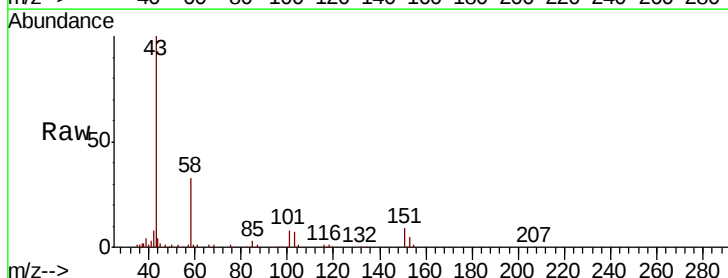
RT: 4.13 min Scan# 365

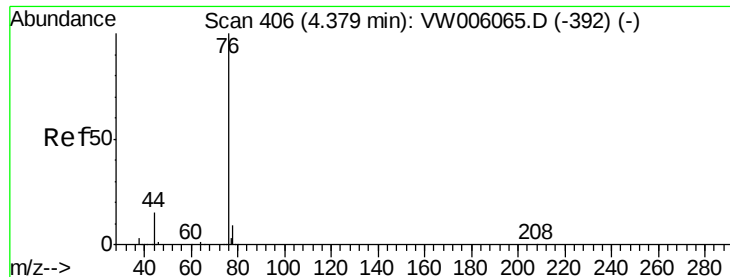
Delta R.T. -0.02 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion:	43	Resp:	72850
Ion	Ratio	Lower	Upper
43	100		
58	33.1	24.0	36.0





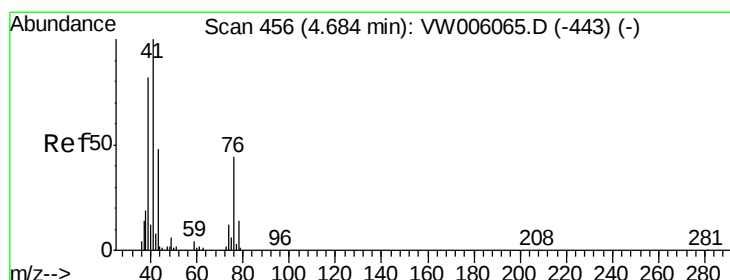
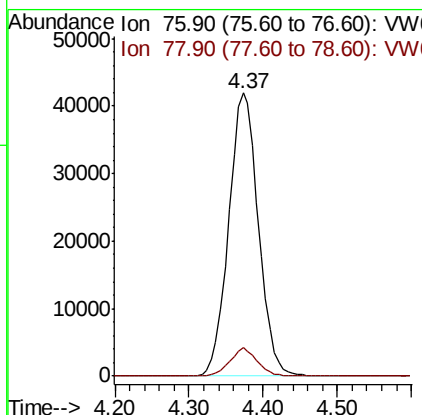
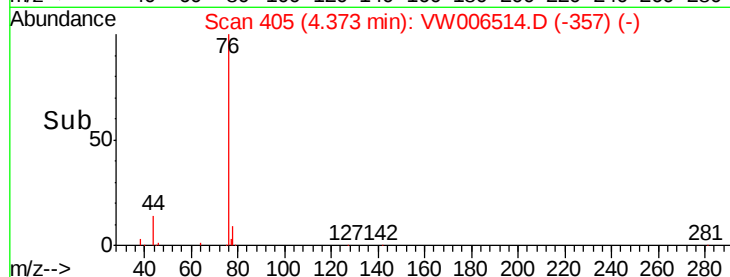
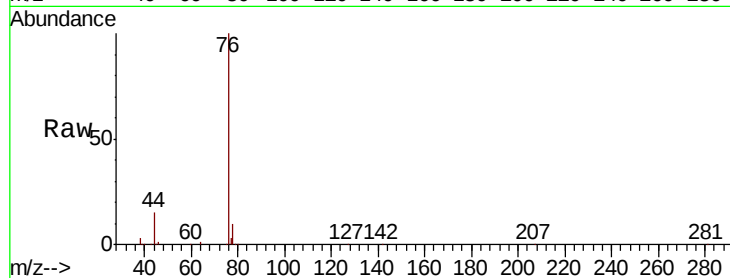
#17
Carbon Disulfide
Concen: 44.459 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.5	11.3

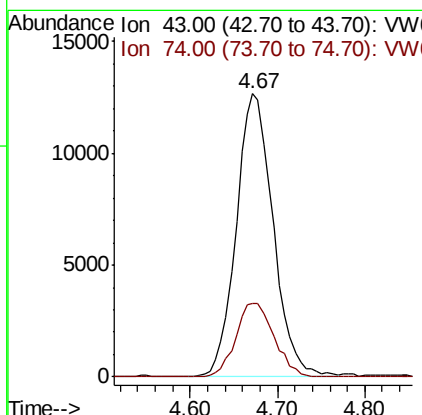
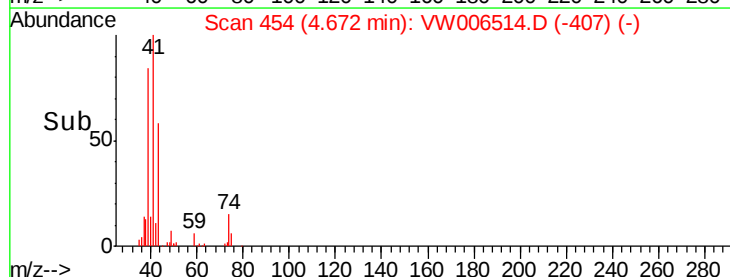
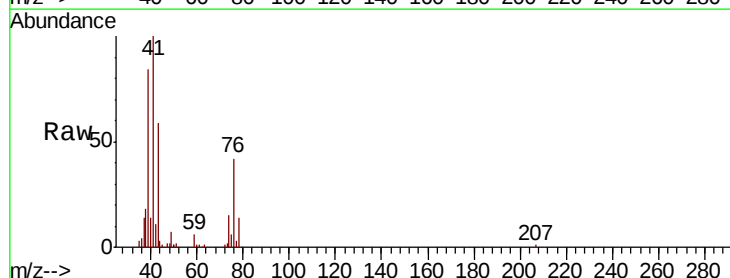
Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#18
Methyl Acetate
Concen: 85.221 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	20.5	30.7





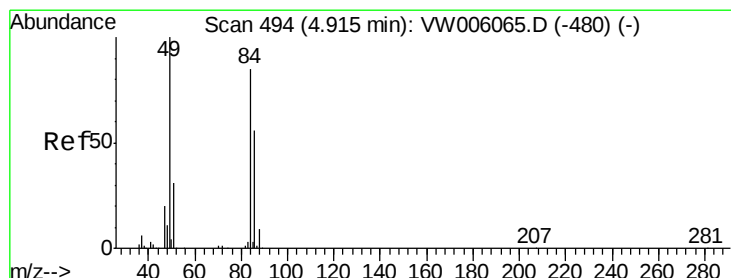
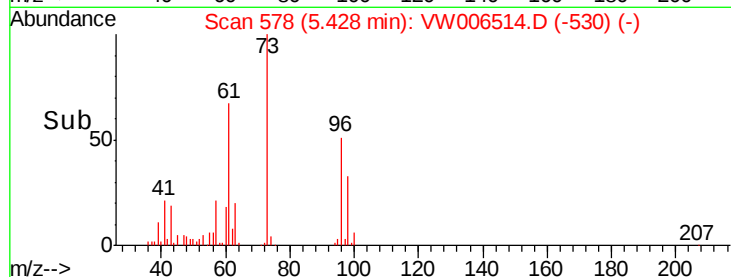
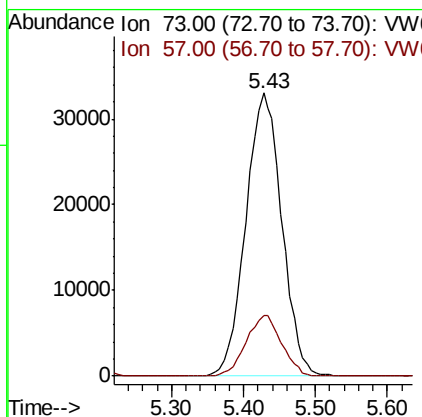
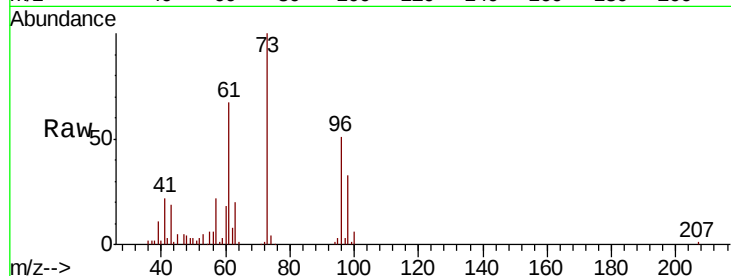
#19
Methyl tert-butyl Ether
Concen: 86.205 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampled :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.6	17.4	26.2

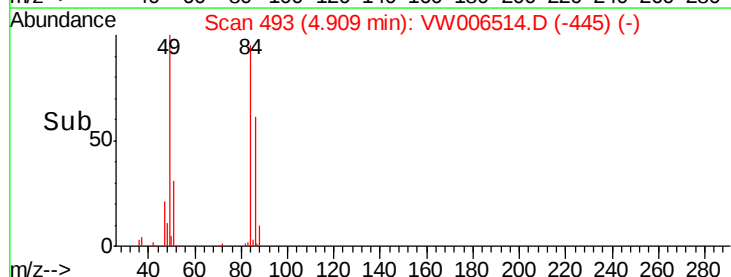
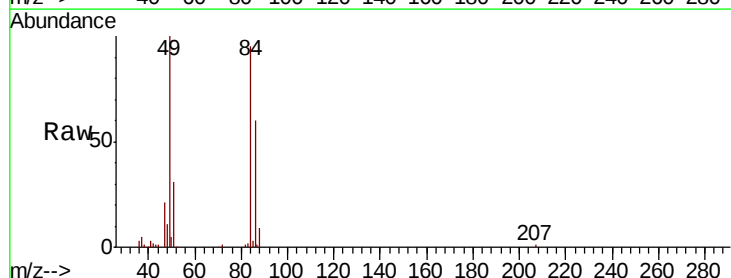
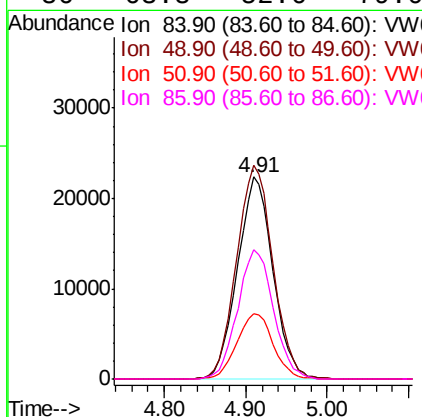
Manual Integrations
APPROVED

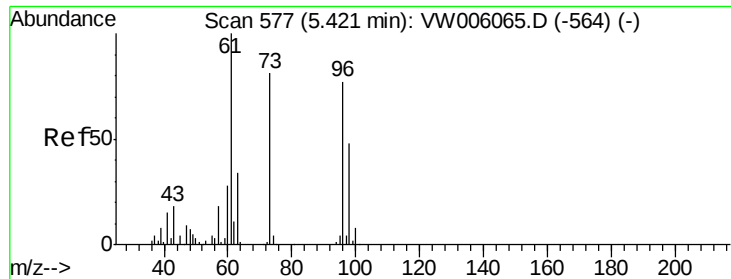
MMDadoda
10/31/2018 12:31:35 PM



#20
Methylene Chloride
Concen: 74.631 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	105.6	93.6	140.4
51	32.3	29.0	43.4
86	63.8	52.6	79.0





#21

trans-1,2-Dichloroethene

Concen: 53.497 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

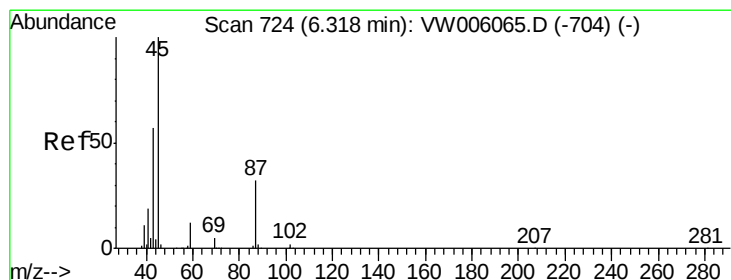
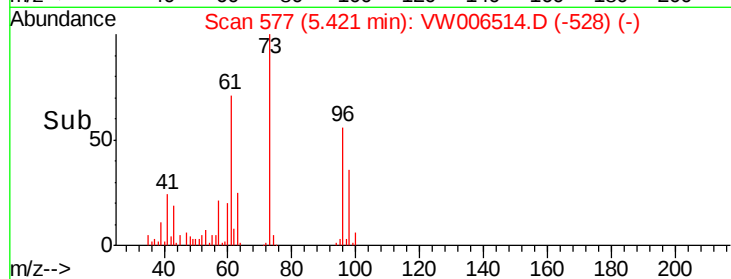
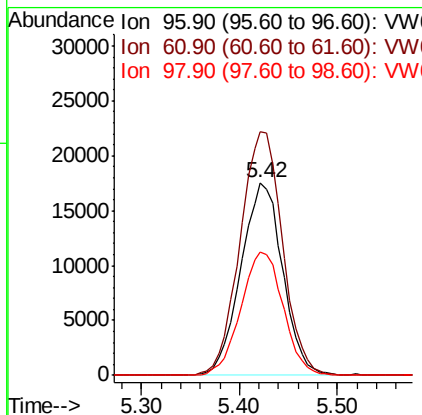
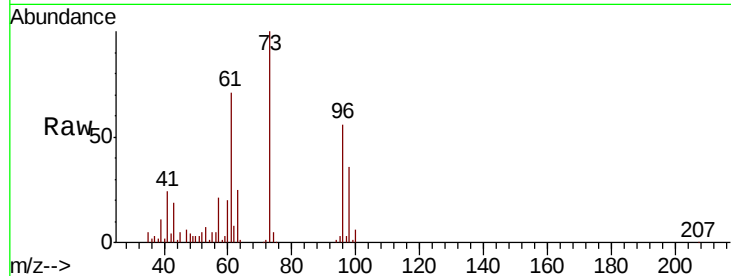
ClientSampleId :

DL-03AMS

Tot Ion:	96	Resp:	52029
Ion	Ratio	Lower	Upper
96	100		
61	126.5	104.5	156.7
98	64.1	50.6	75.8

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#22

Diisopropyl ether

Concen: 71.680 ug/l

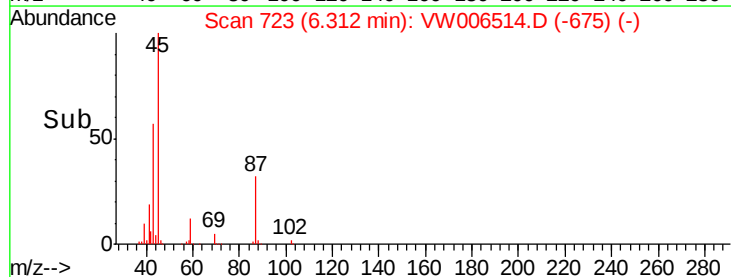
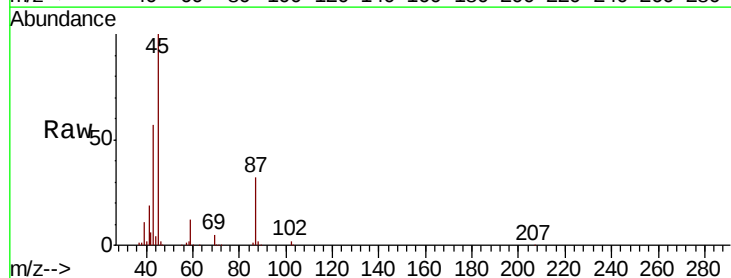
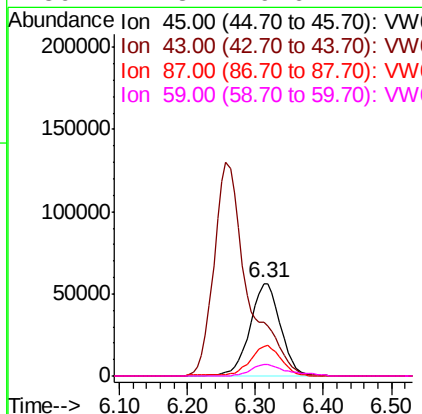
RT: 6.31 min Scan# 723

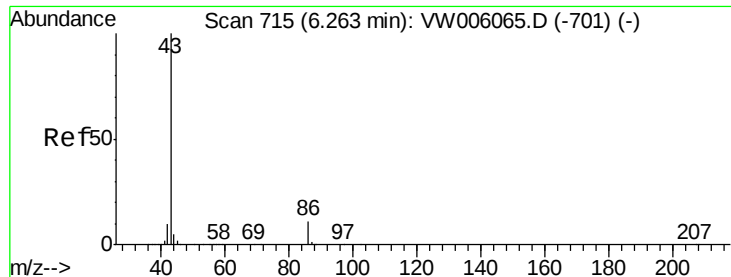
Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion:	45	Resp:	176474
Ion	Ratio	Lower	Upper
45	100		
43	57.1	45.7	68.5
87	32.4	25.9	38.9
59	12.3	9.6	14.4





#23

Vinyl Acetate

Concen: 307.107 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampled :

DL-03AMS

Tot Ion: 43 Resp: 446206

Ion Ratio Lower Upper

43 100

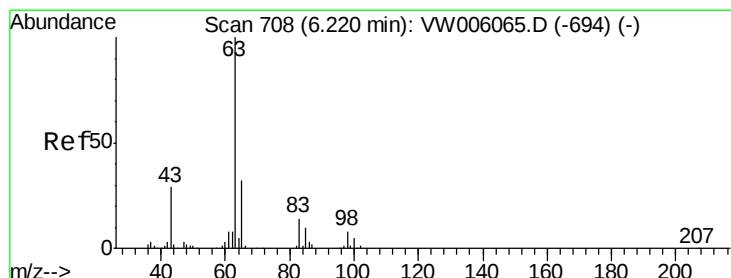
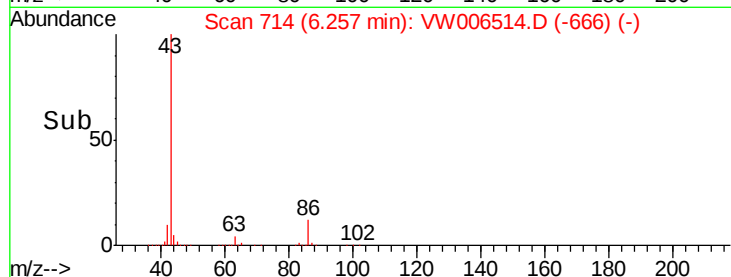
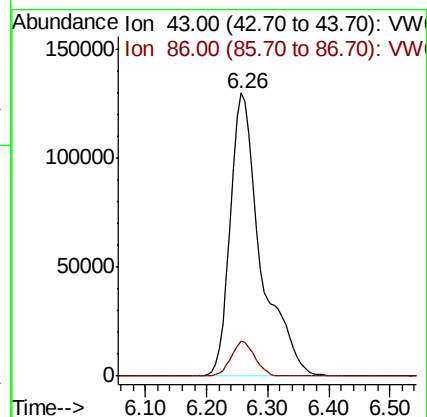
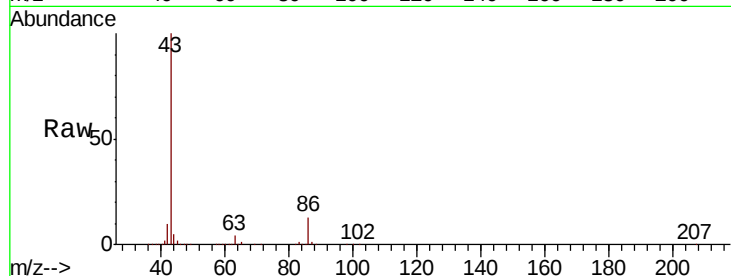
86 12.5 9.0 13.6

Manual Integrations

APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#24

1,1-Dichloroethane

Concen: 66.435 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

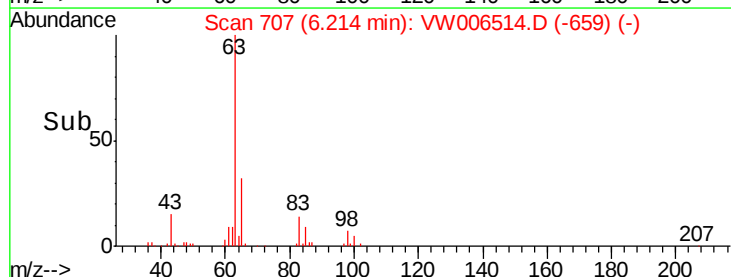
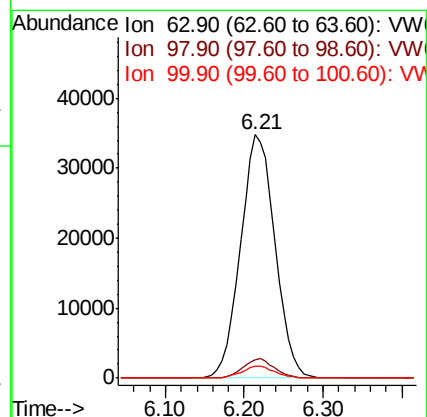
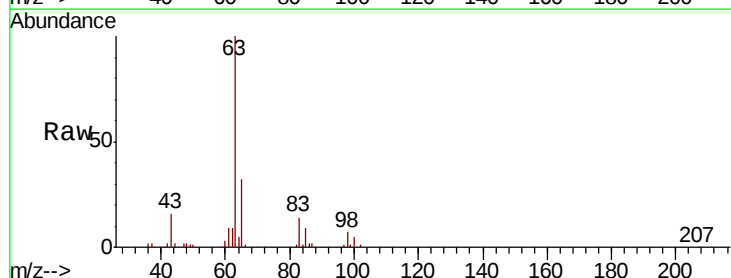
Tgt Ion: 63 Resp: 105539

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 4.7 2.5 7.5





#25

2-Butanone

Concen: 393.584 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

Tot Ion: 43 Resp: 91925

Ion Ratio Lower Upper

43 100

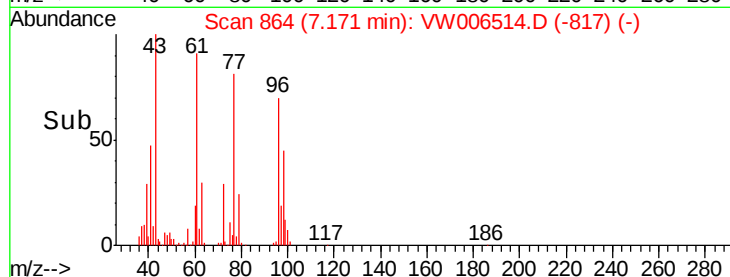
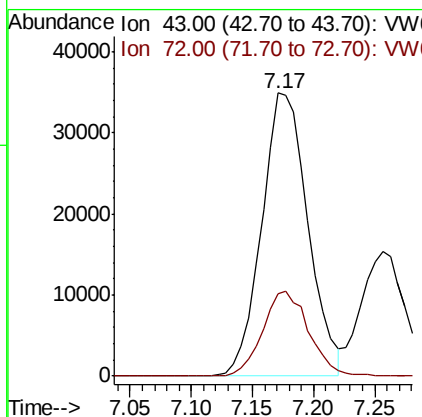
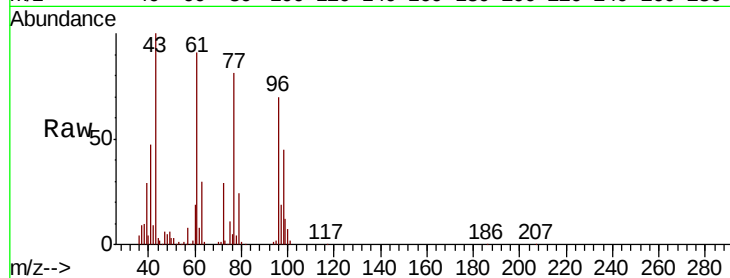
72 29.3 22.8 34.2

Manual Integrations

APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#26

2,2-Dichloropropane

Concen: 73.028 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006514.D

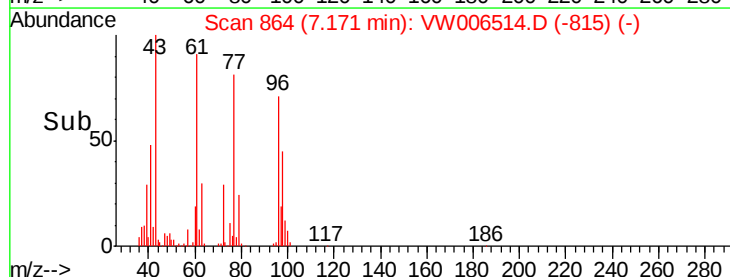
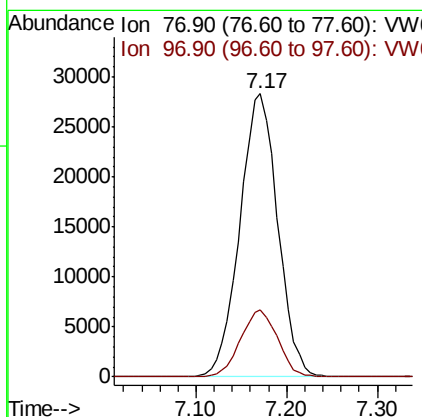
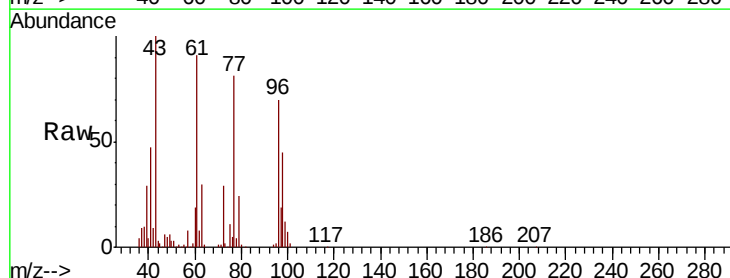
Acq: 30 Oct 2018 20:36

Tgt Ion: 77 Resp: 81823

Ion Ratio Lower Upper

77 100

97 23.0 12.2 36.4





#27

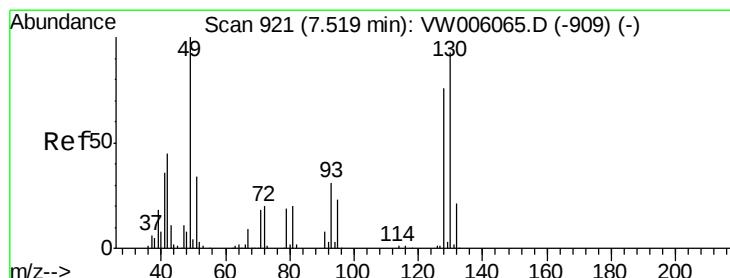
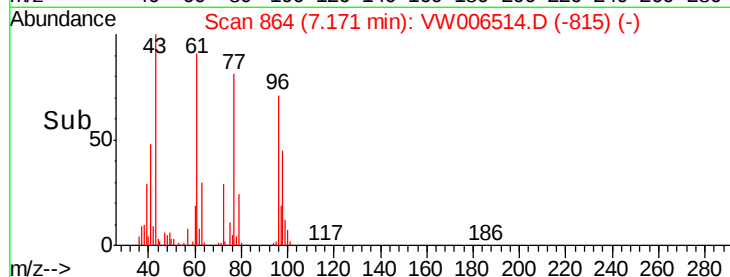
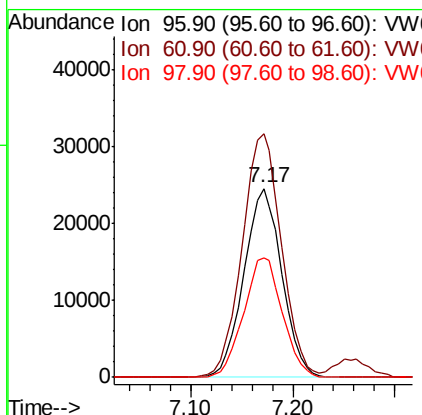
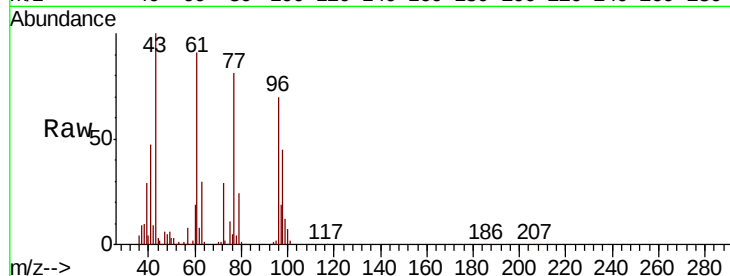
cis-1,2-Dichloroethene
Concen: 59.250 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	267.2
98	64.4	0.0	128.6

Manual Integrations
APPROVED

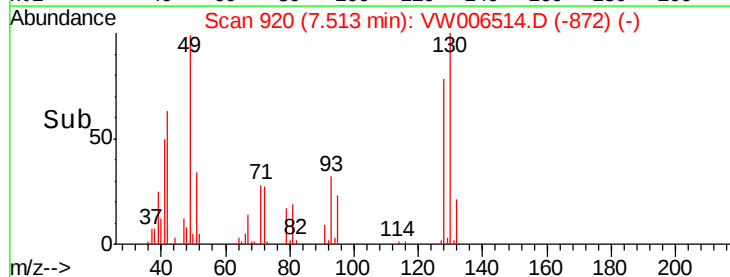
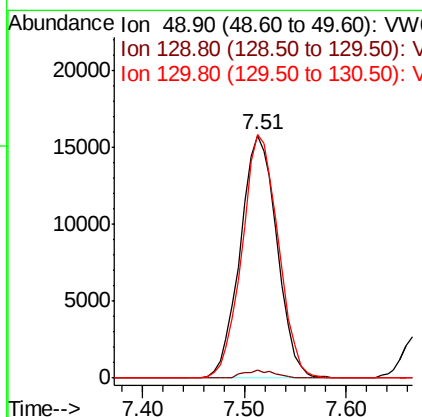
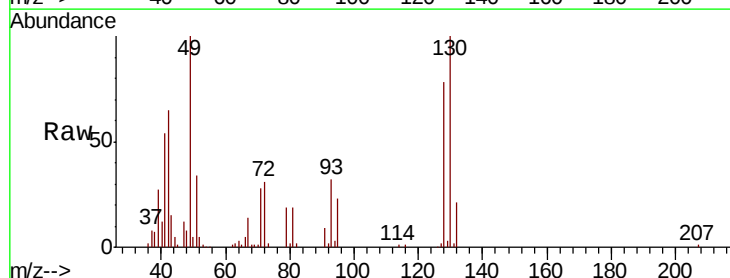
MMDadoda
10/31/2018 12:31:35 PM



#28

Bromochloromethane
Concen: 64.299 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.0
130	99.2	73.8	110.8





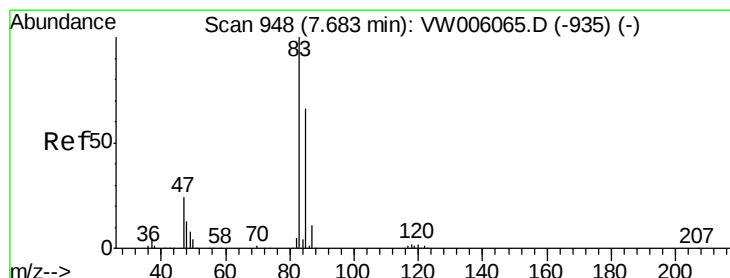
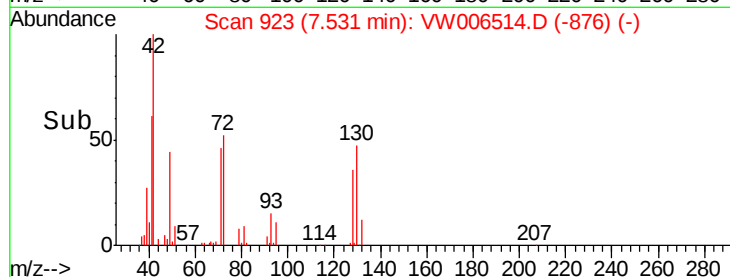
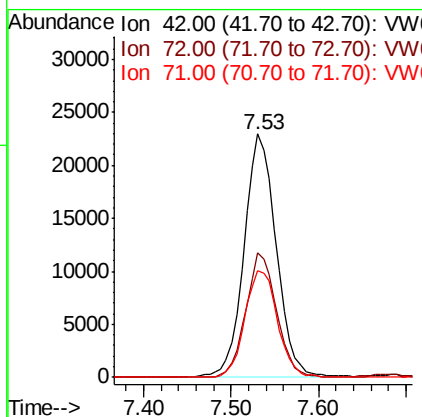
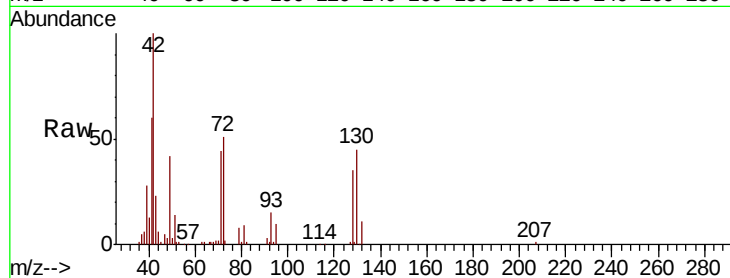
#29
Tetrahydrofuran
Concen: 405.104 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.4	38.0	57.0
71	44.9	35.3	52.9

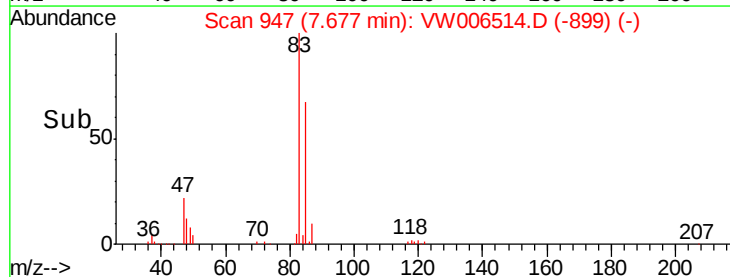
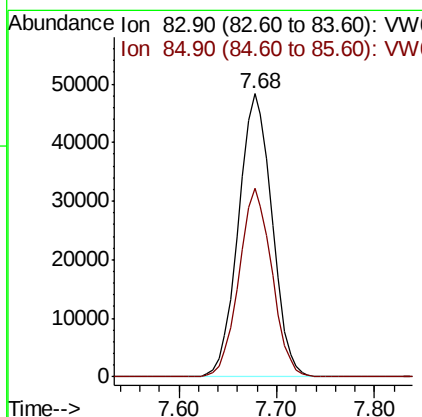
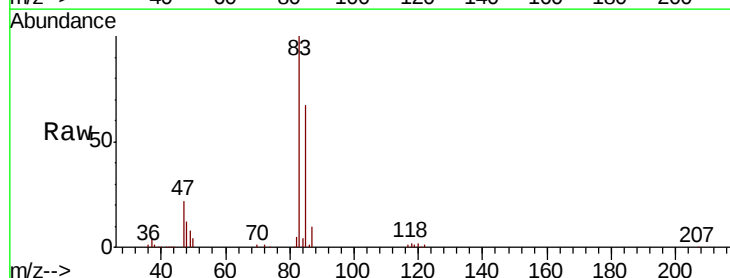
Manual Integrations
APPROVED

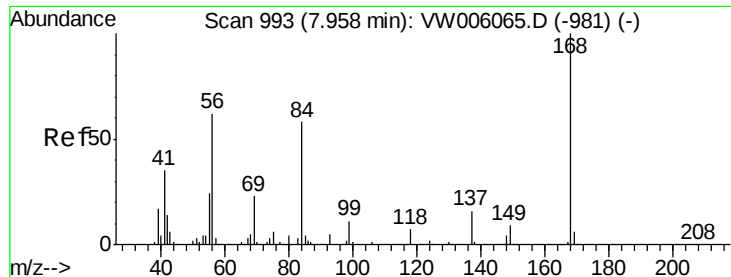
MMDadoda
10/31/2018 12:31:35 PM



#30
Chloroform
Concen: 66.437 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.7	52.6	79.0





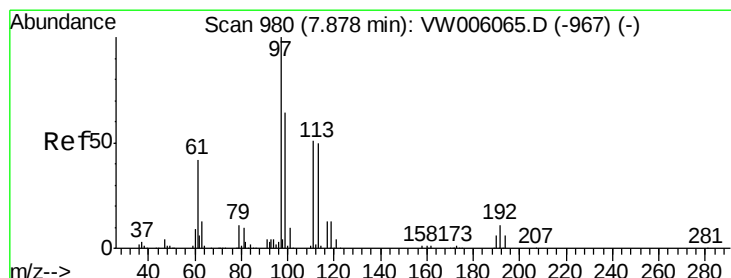
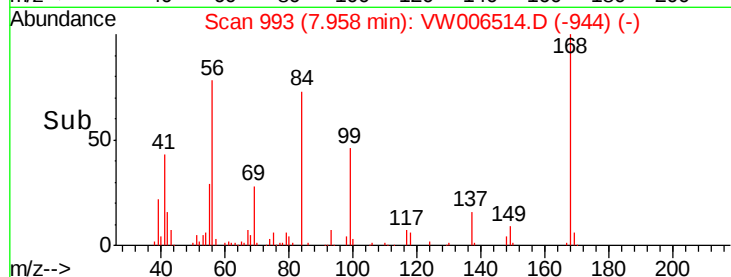
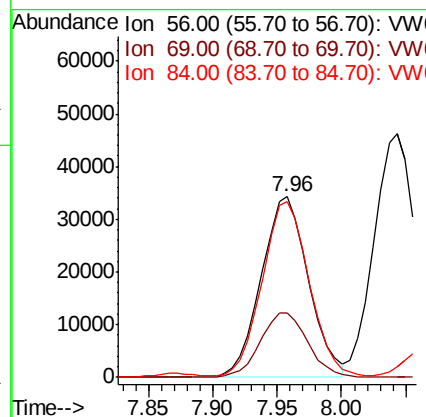
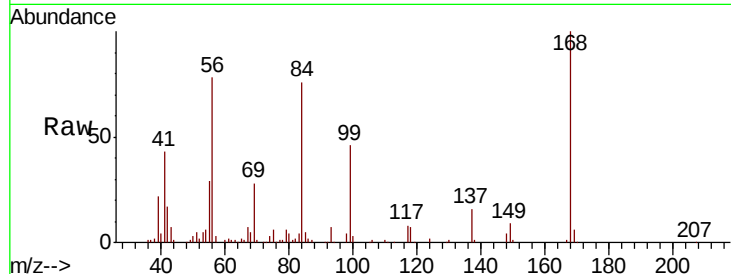
#31
Cyclohexane
Concen: 55.111 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	29.4	44.0
84	95.9	74.0	111.0

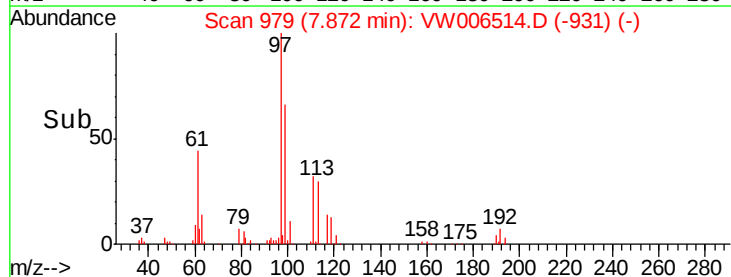
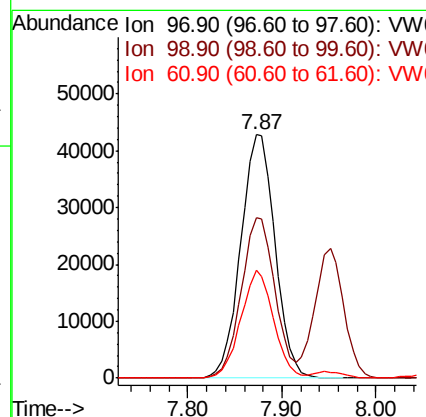
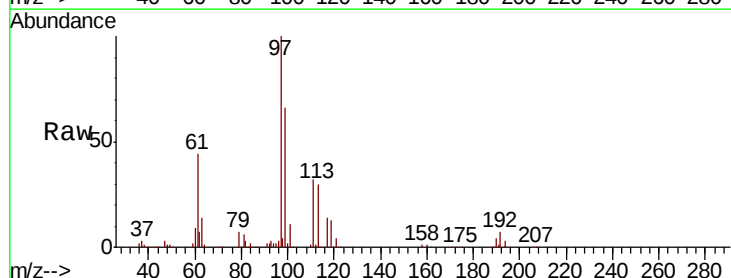
Manual Integrations
APPROVED

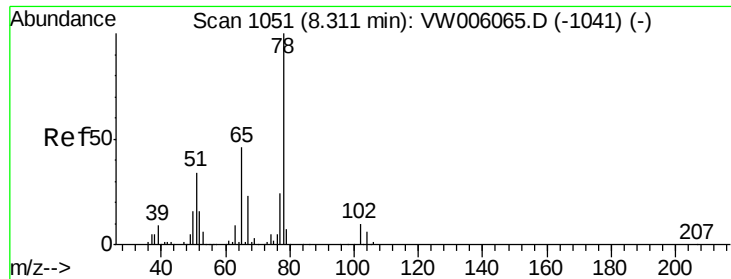
MMDadoda
10/31/2018 12:31:35 PM



#32
1,1,1-Trichloroethane
Concen: 69.583 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	50.9	76.3
61	42.4	33.7	50.5





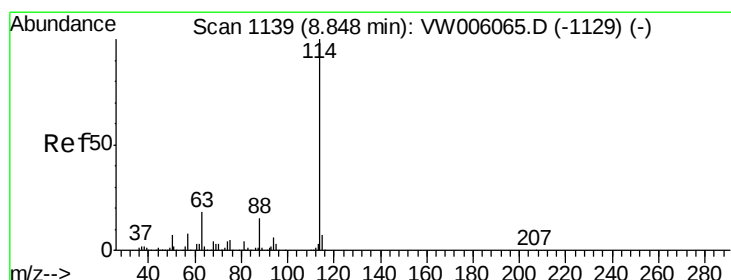
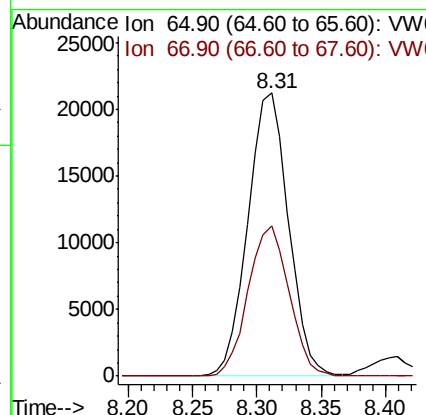
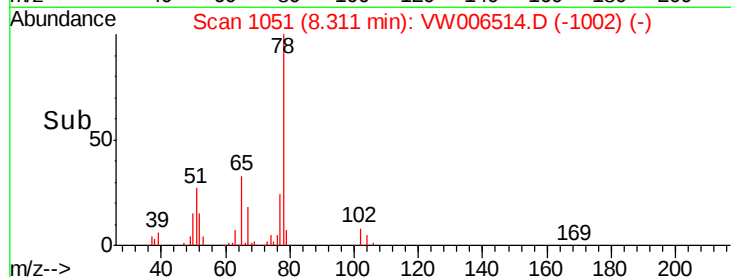
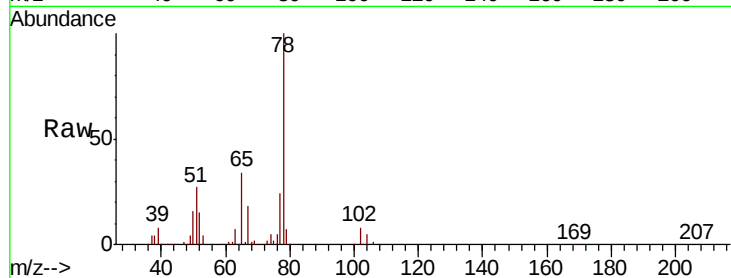
#33
 1,2-Dichloroethane-d4
 Concen: 53.657 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.4	0.0	101.0	

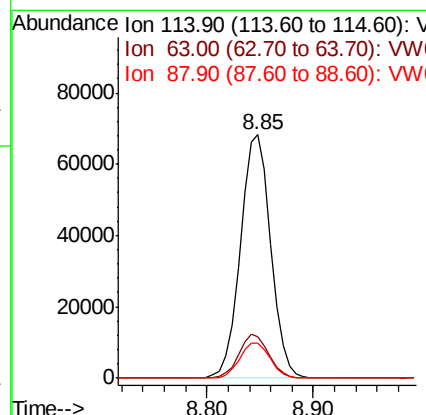
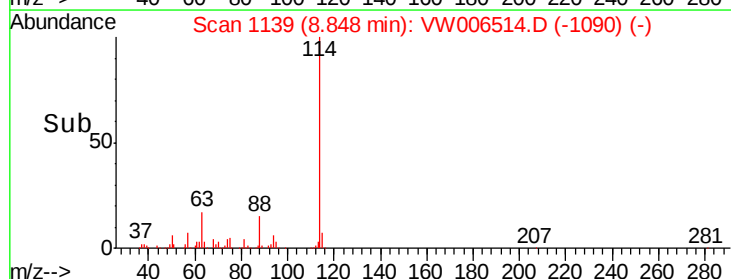
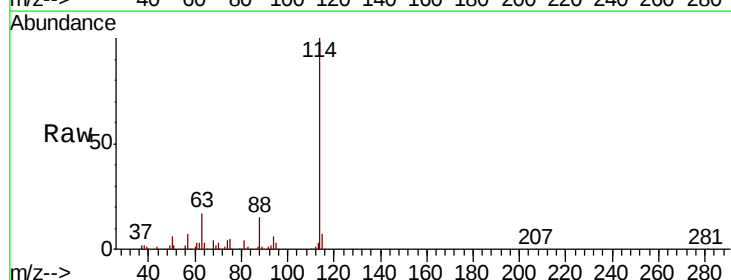
Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:35 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.2	0.0	36.8	
88	14.6	0.0	29.0	





#35

Dibromofluoromethane

Concen: 59.347 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

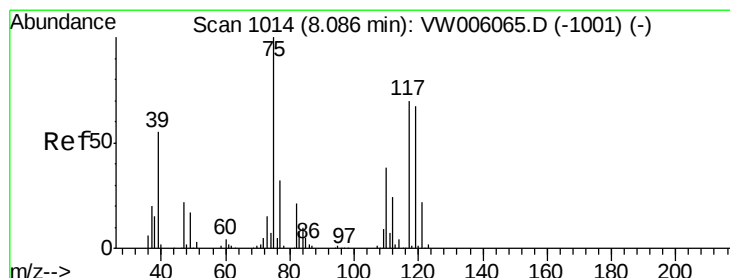
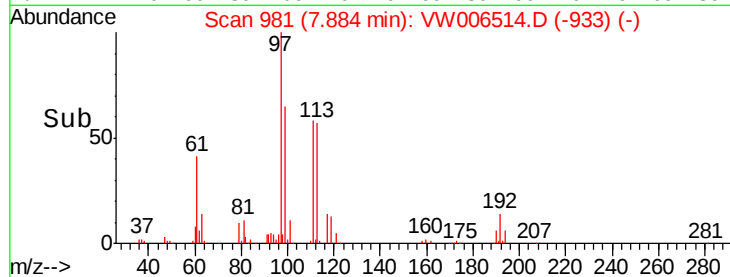
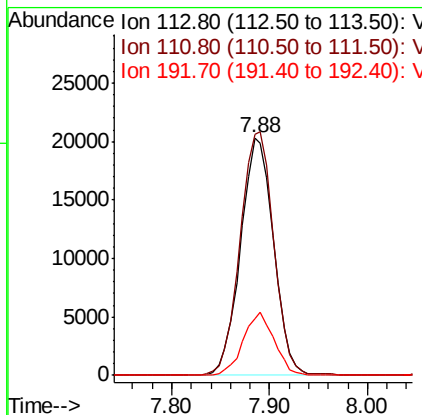
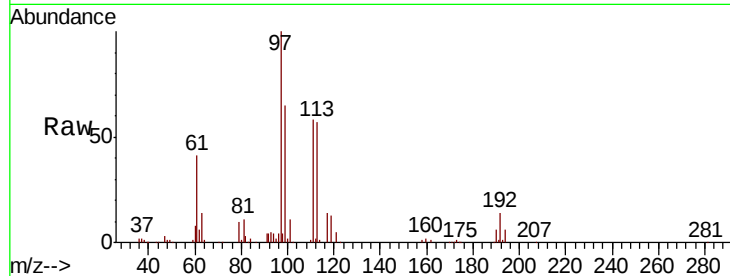
ClientSampleId :

DL-03AMS

Tot Ion:	113	Resp:	47667
Ion Ratio	Lower	Upper	
113	100		
111	104.6	81.4	122.0
192	24.9	18.7	28.1

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#36

1,1-Dichloropropene

Concen: 60.035 ug/l

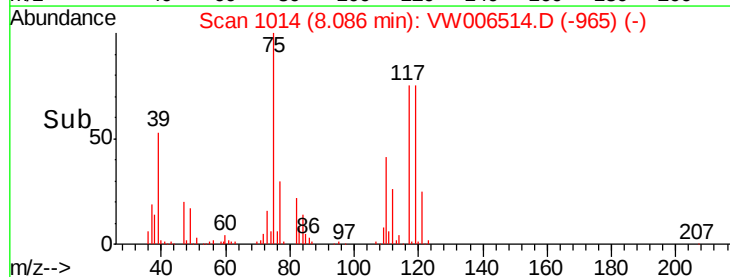
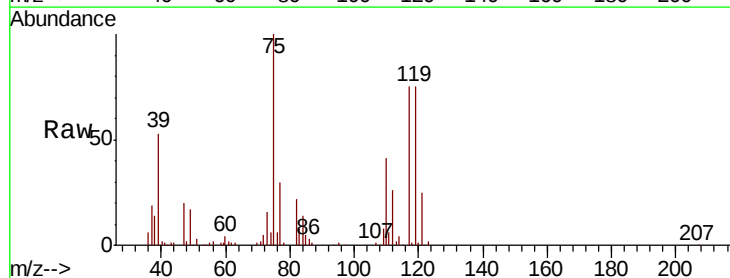
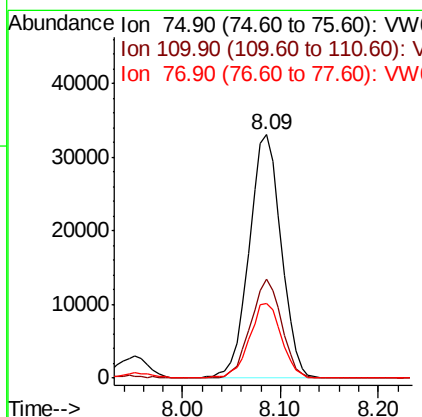
RT: 8.09 min Scan# 1014

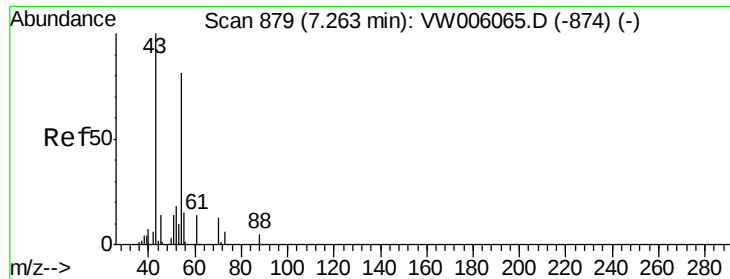
Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion:	75	Resp:	75217
Ion Ratio	Lower	Upper	
75	100		
110	39.1	19.1	57.1
77	30.7	25.0	37.4





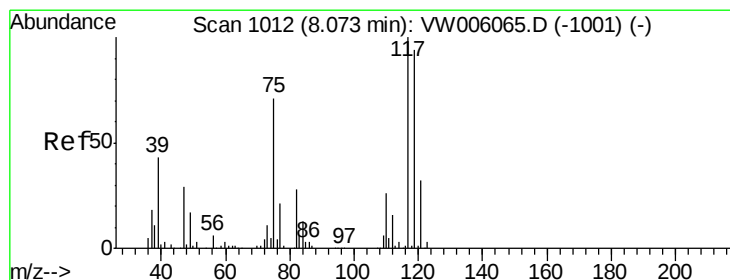
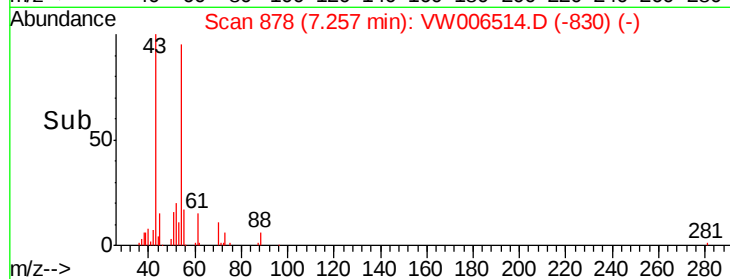
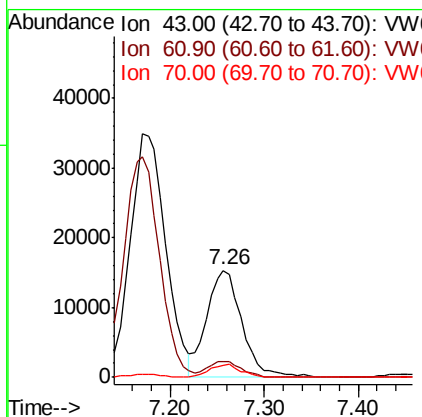
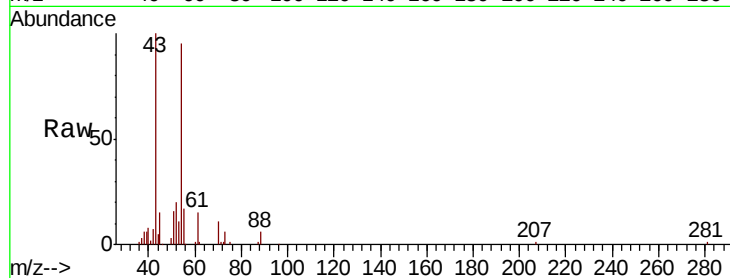
#37
Ethyl Acetate
Concen: 86.373 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleID :
DL-03AMS

Tot Ion:	43	Resp:	40206
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.5	17.3
70	10.8	9.2	13.8

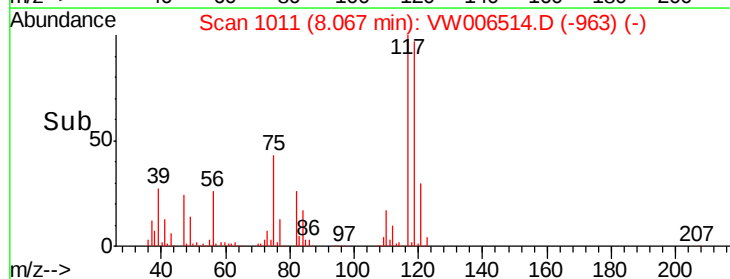
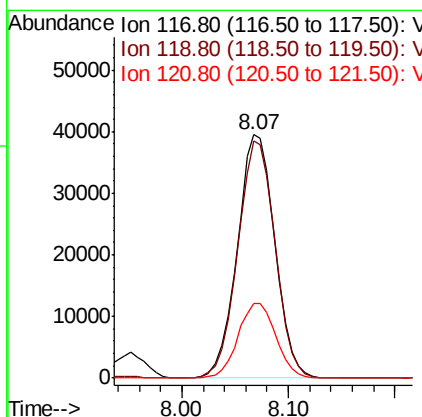
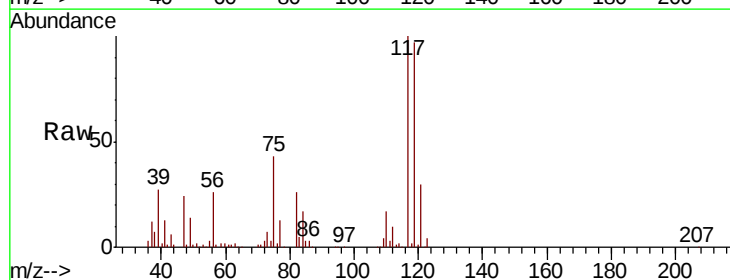
Manual Integrations
APPROVED

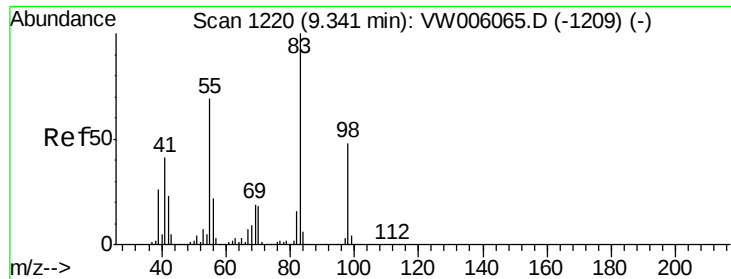
MMDadoda
10/31/2018 12:31:35 PM



#38
Carbon Tetrachloride
Concen: 71.100 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion:	117	Resp:	97654
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.2	112.8
121	30.4	25.3	37.9





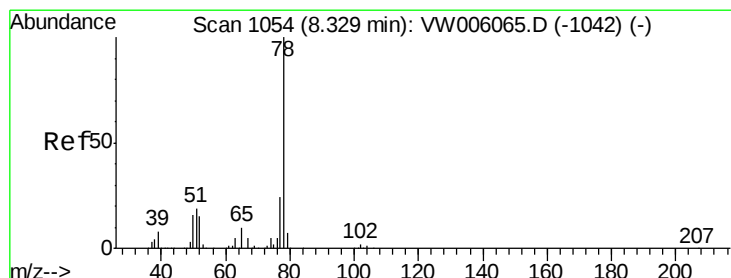
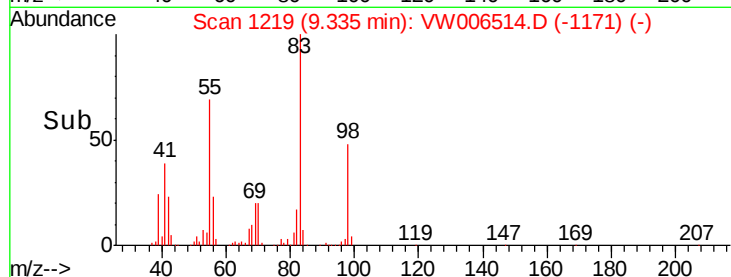
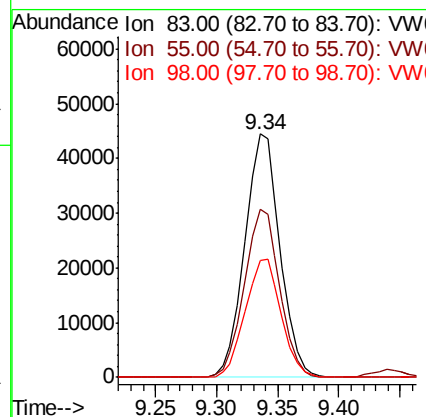
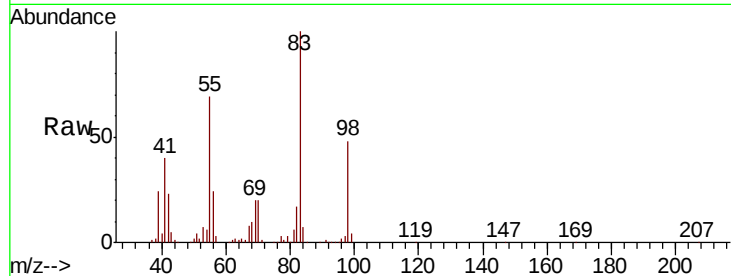
#39
Methvlcvclohexane
Concen: 53.366 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.2	55.0	82.6
98	48.0	38.6	57.8

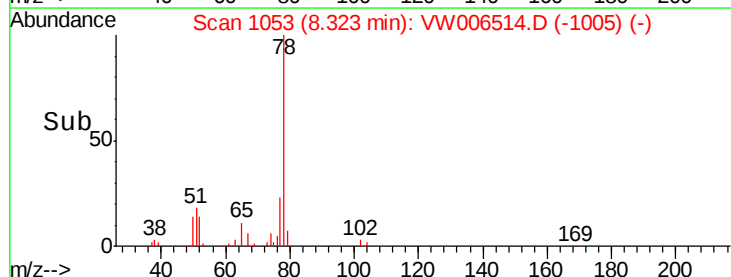
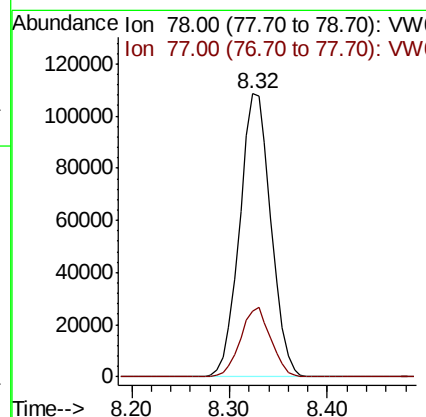
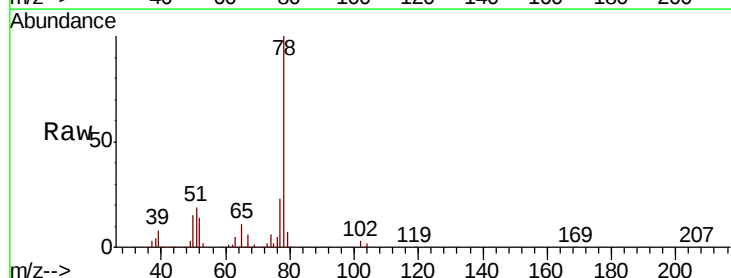
Manual Integrations
APPROVED

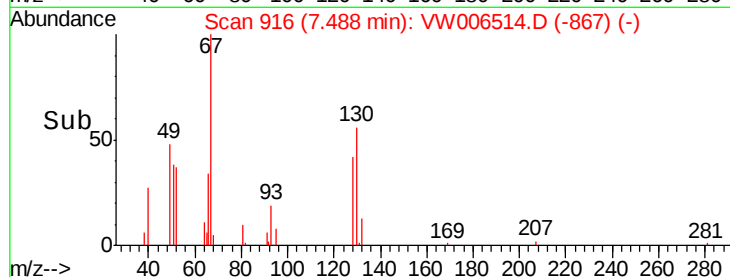
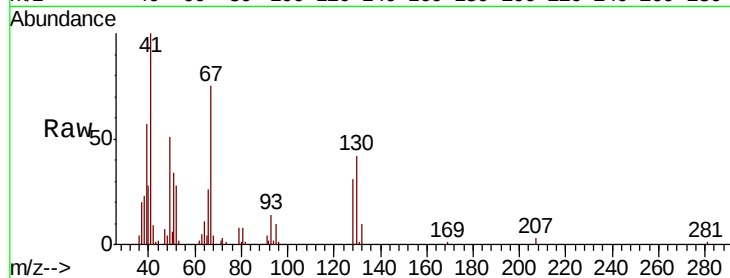
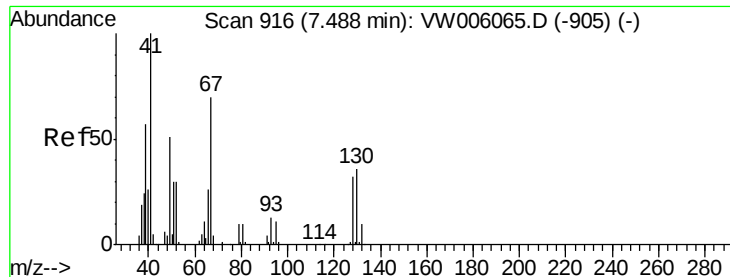
MMDadoda
10/31/2018 12:31:35 PM



#40
Benzene
Concen: 70.027 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





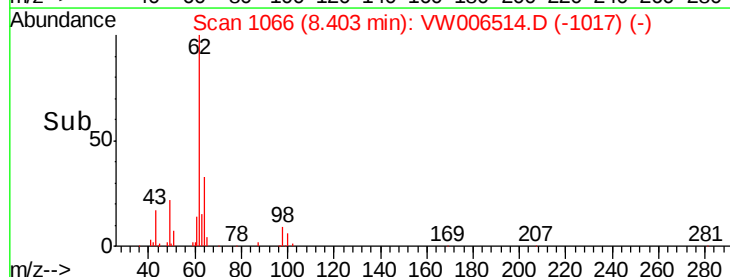
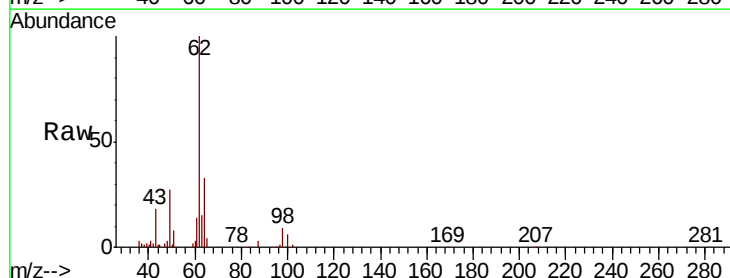
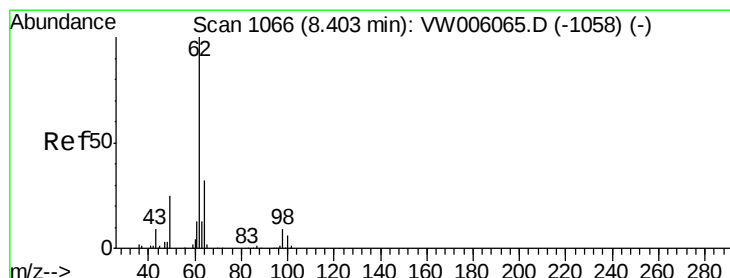
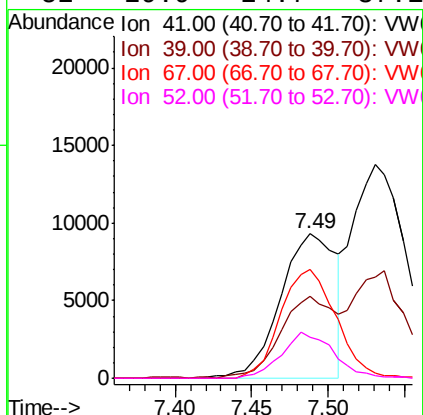
#41
Methacrylonitrile
Concen: 83.829 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	23524		
39	39	55.1		46.2	69.4
67	67	75.7		57.7	86.5
52	52	29.9		24.7	37.1

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

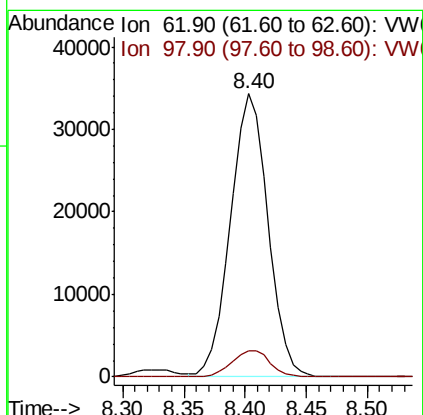
Manual Integrations
APPROVED

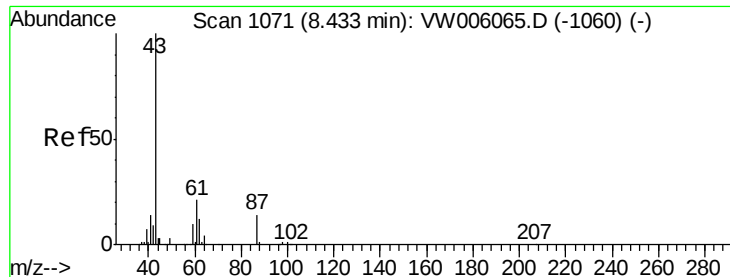
MMDadoda
10/31/2018 12:31:35 PM



#42
1,2-Dichloroethane
Concen: 72.206 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	72908		
98	98	9.5		0.0	18.4





#43

Isopropyl Acetate

Concen: 81.346 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

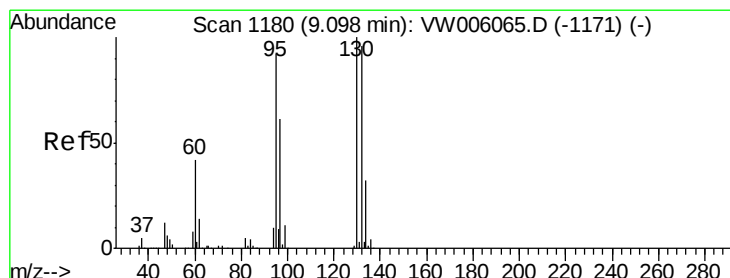
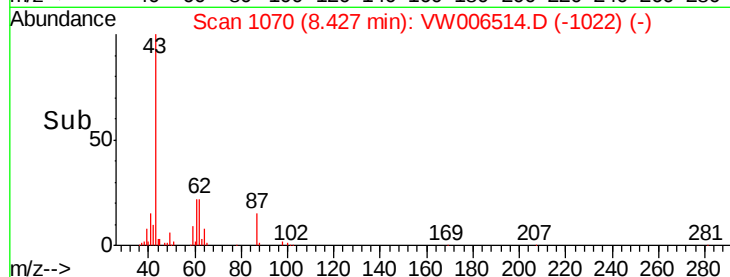
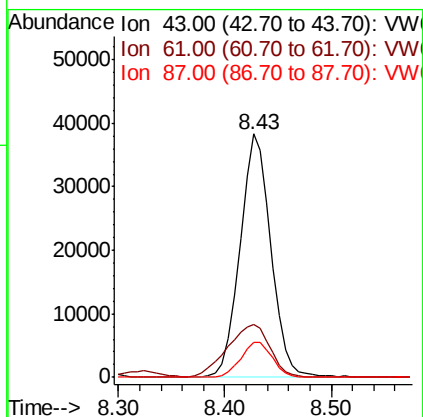
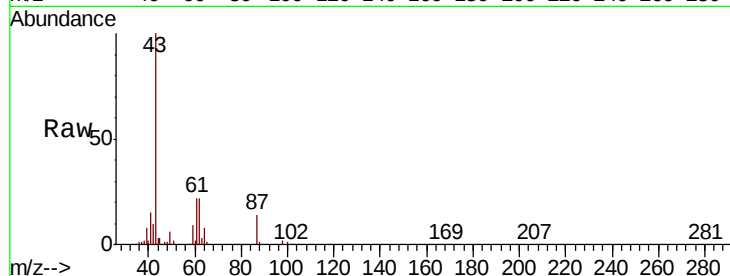
ClientSampleId :

DL-03AMS

Tot Ion:	43	Resp:	77423
Ion	Ratio	Lower	Upper
43	100		
61	30.1	25.5	38.3
87	15.0	11.7	17.5

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#44

Trichloroethene

Concen: 59.306 ug/l

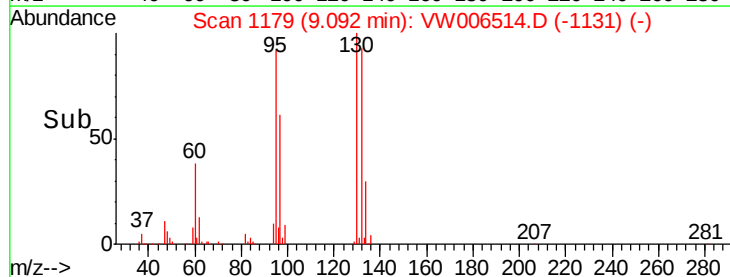
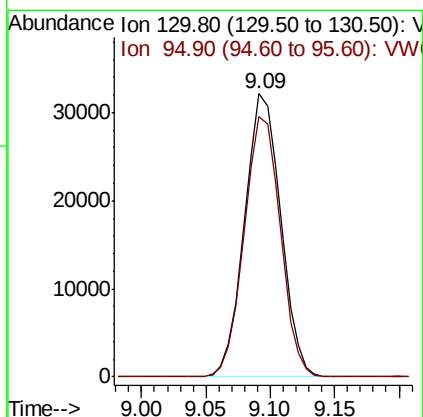
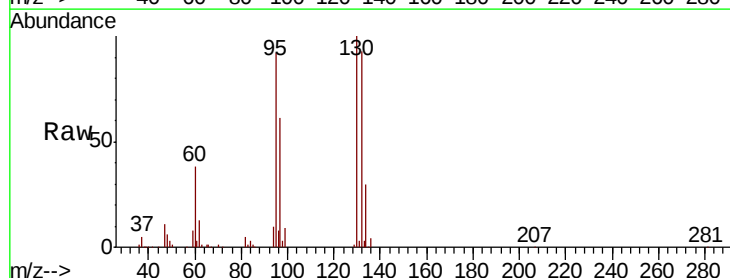
RT: 9.09 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion:	130	Resp:	62532
Ion	Ratio	Lower	Upper
130	100		
95	92.0	0.0	183.2





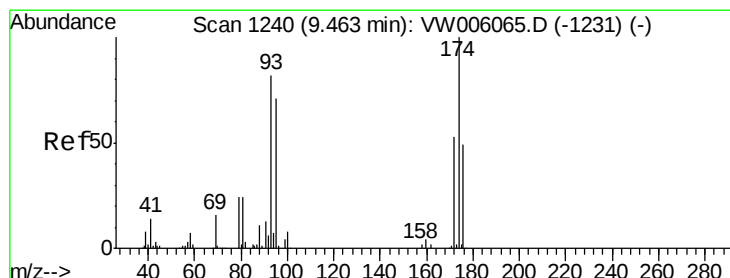
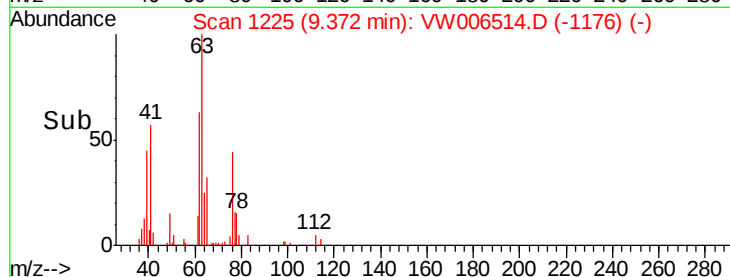
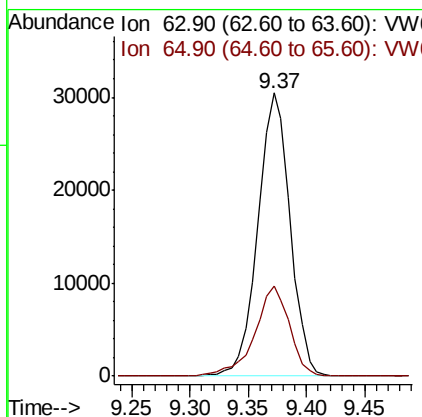
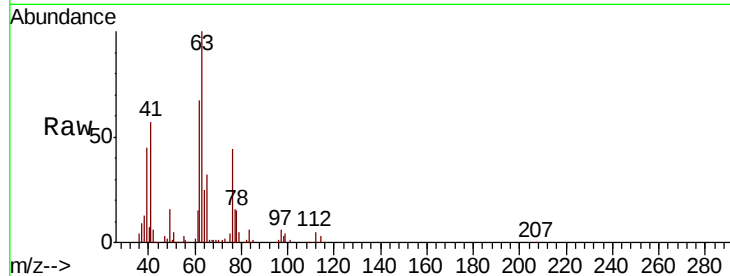
#45
 1,2-Dichloropropane
 Concen: 71.390 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	25.4	38.0

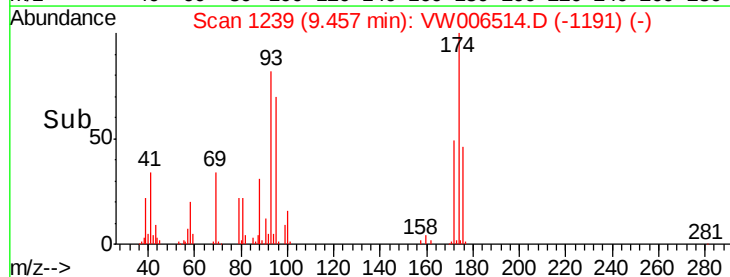
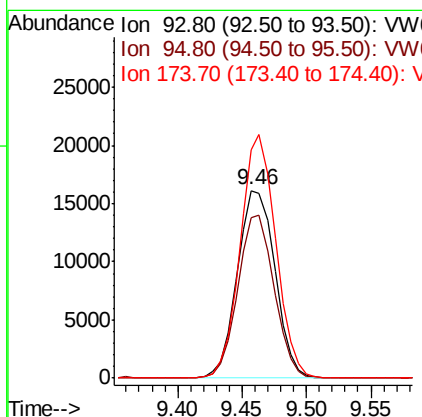
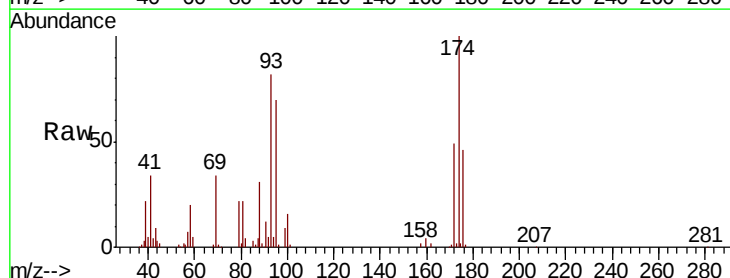
Manual Integrations
 APPROVED

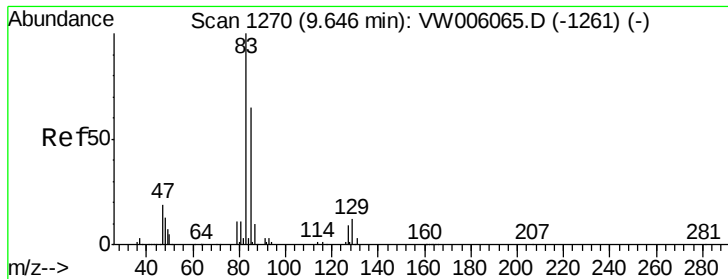
MMDadoda
 10/31/2018 12:31:35 PM



#46
 Dibromomethane
 Concen: 69.621 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.7	67.7	101.5
174	122.1	93.7	140.5





#47

Bromodichloromethane

Concen: 67.514 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

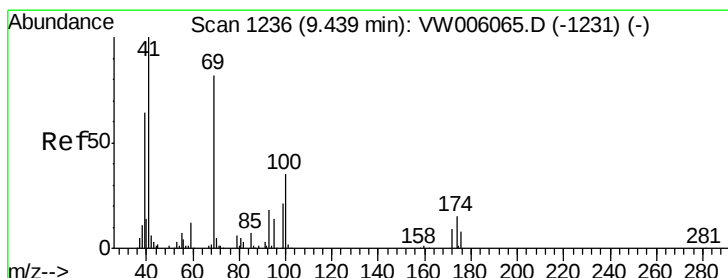
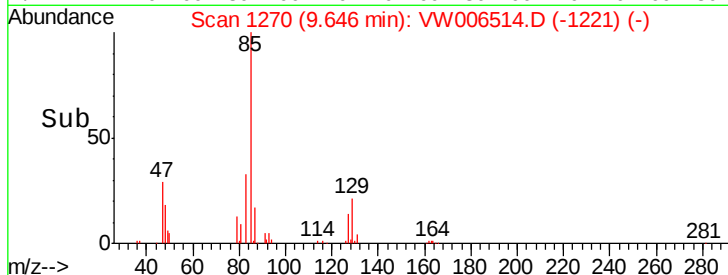
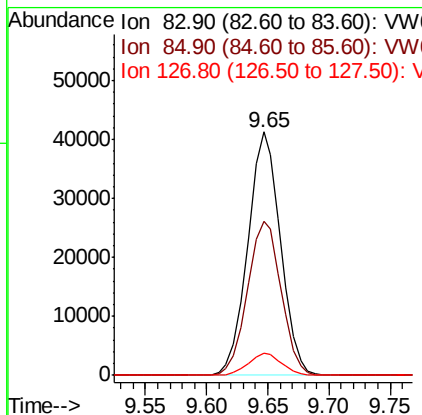
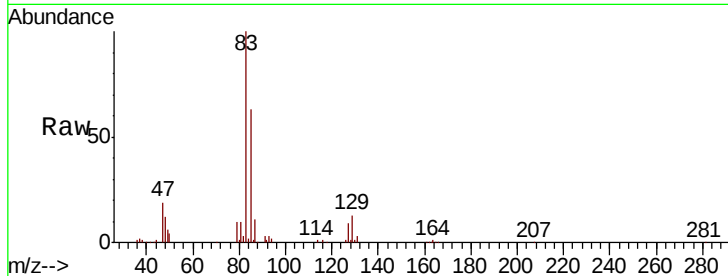
ClientSampled :

DL-03AMS

Tot Ion:	83	Resp:	76723
Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.8	77.8
127	9.0	6.9	10.3

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#48

Methyl methacrylate

Concen: 75.542 ug/l

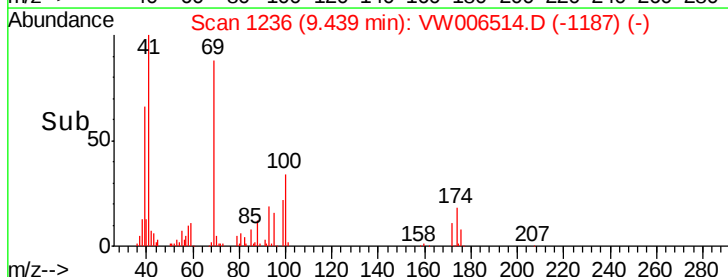
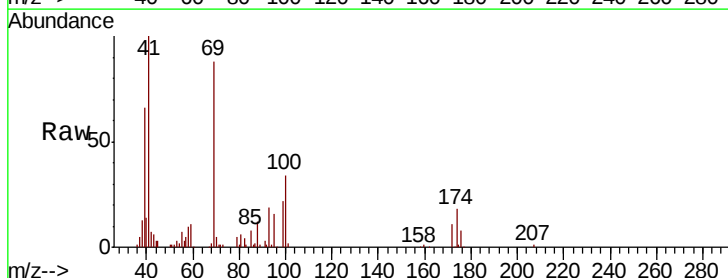
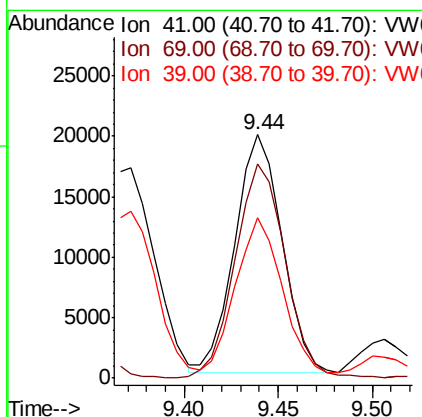
RT: 9.44 min Scan# 1236

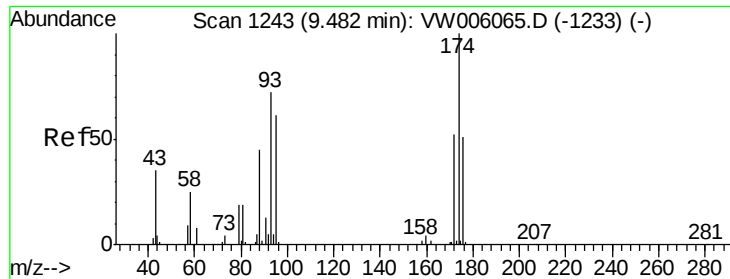
Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion:	41	Resp:	34081
Ion	Ratio	Lower	Upper
41	100		
69	96.1	71.8	107.8
39	69.2	52.5	78.7





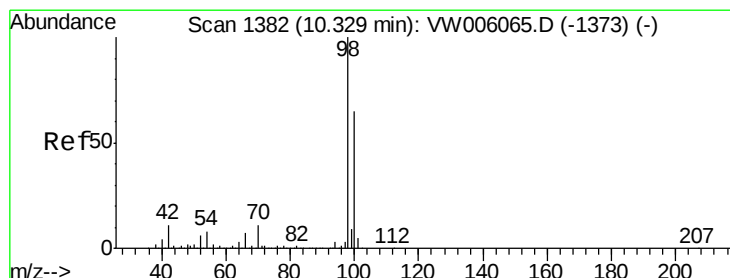
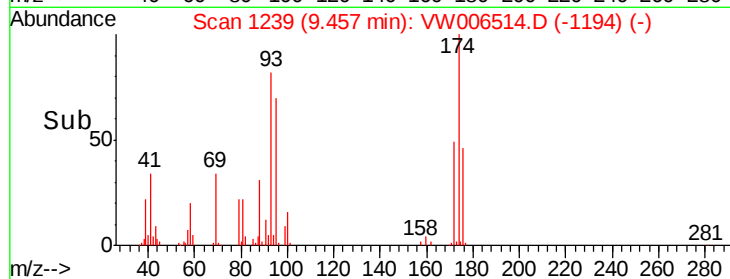
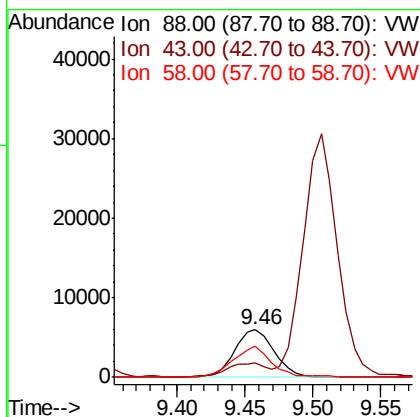
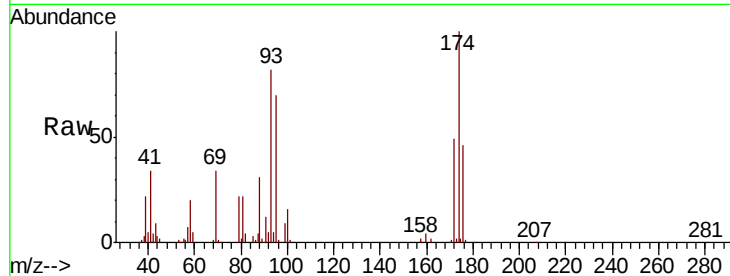
#49
1,4-Dioxane
Concen: 1682.268 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.7	0.0	0.0#
58	65.2	51.2	76.8

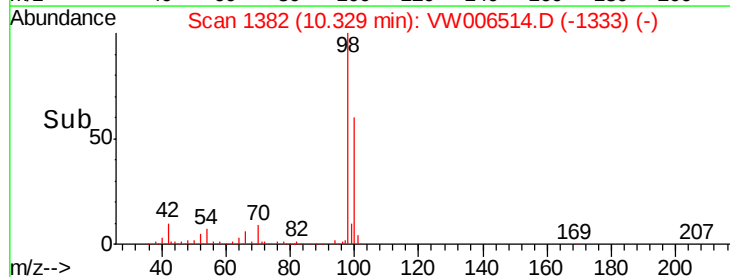
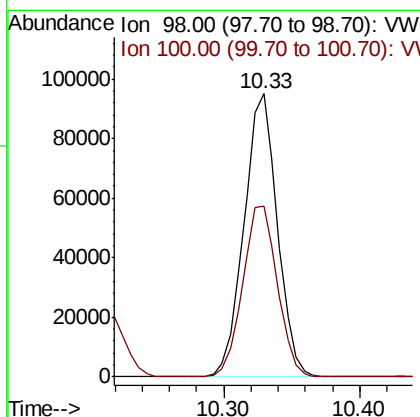
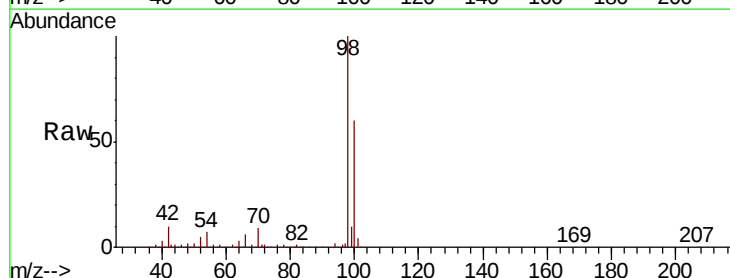
Manual Integrations
APPROVED

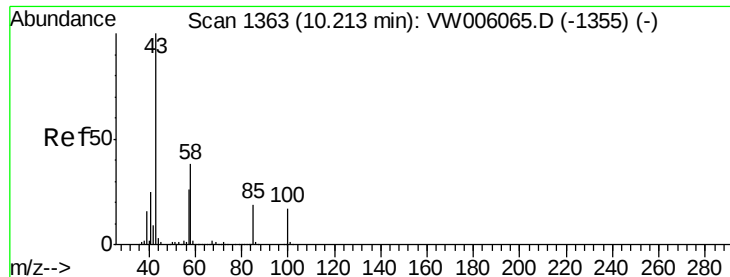
MMDadoda
10/31/2018 12:31:35 PM



#50
Toluene-d8
Concen: 53.295 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	62.8	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 420.462 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

Tot Ion: 43 Resp: 200507

Ion Ratio Lower Upper

43 100

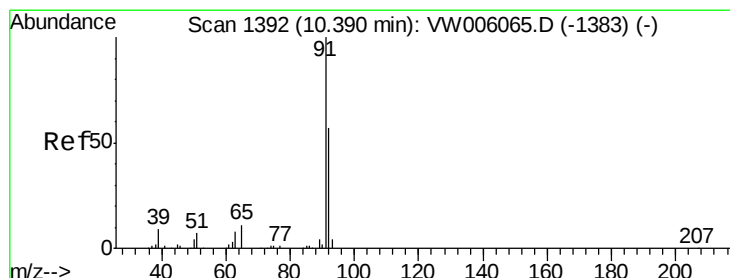
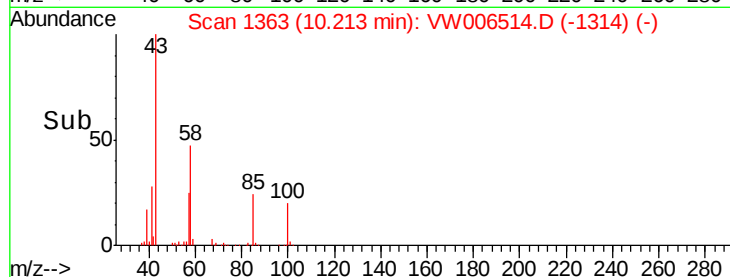
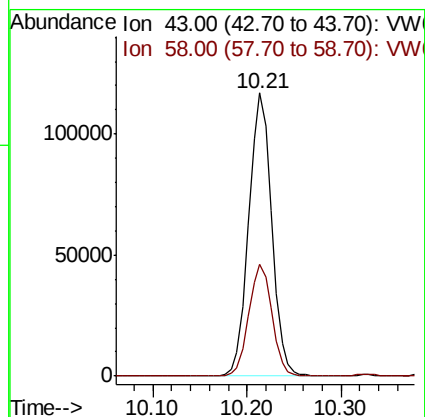
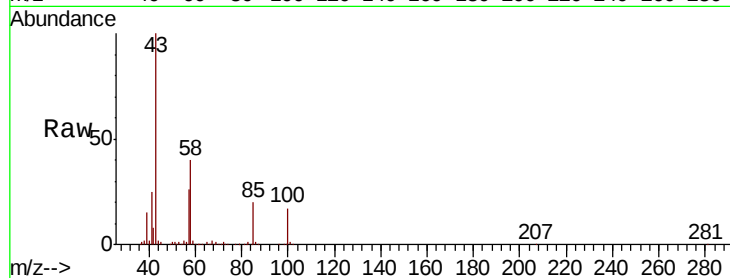
58 40.0 31.5 47.3

Manual Integrations

APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#52

Toluene

Concen: 62.945 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006514.D

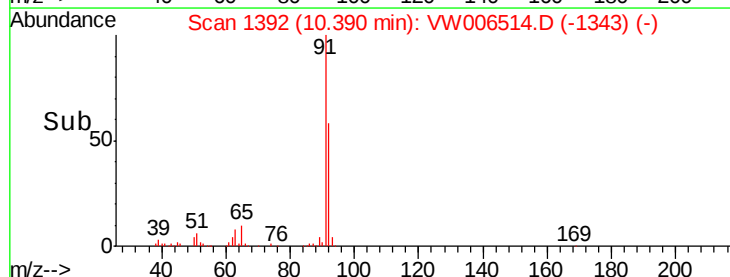
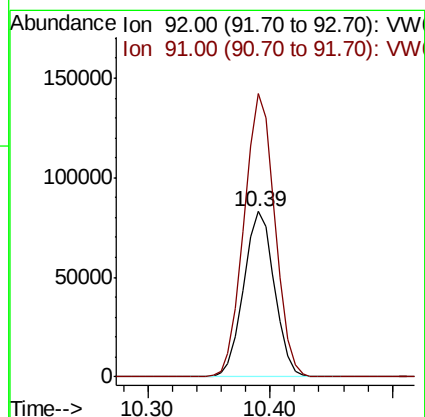
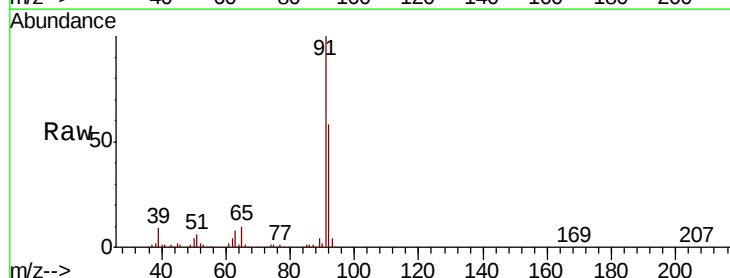
Acq: 30 Oct 2018 20:36

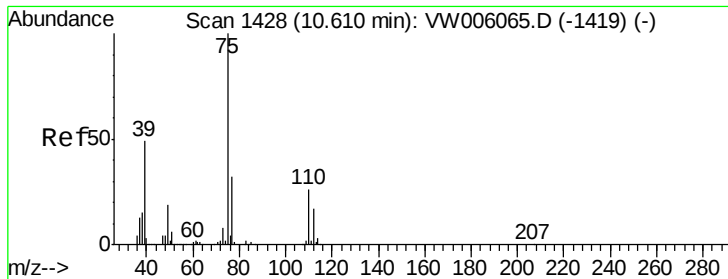
Tgt Ion: 92 Resp: 145031

Ion Ratio Lower Upper

92 100

91 171.6 140.0 210.0





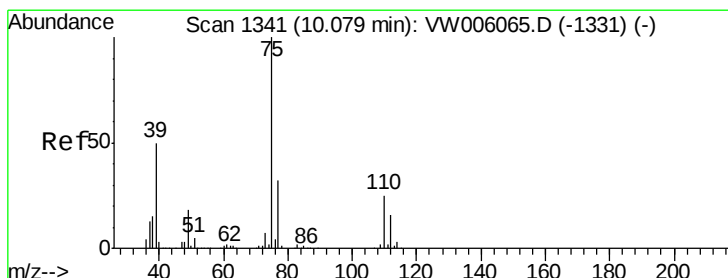
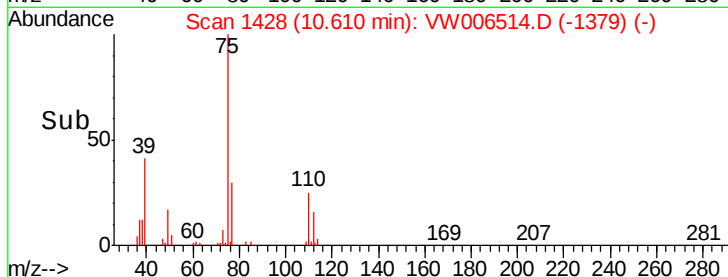
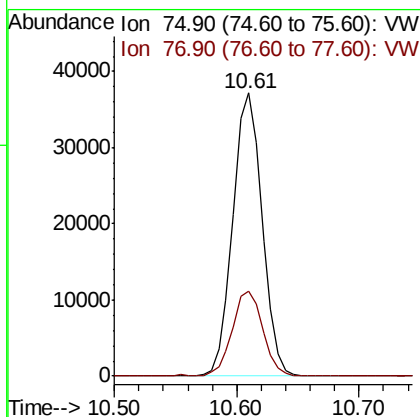
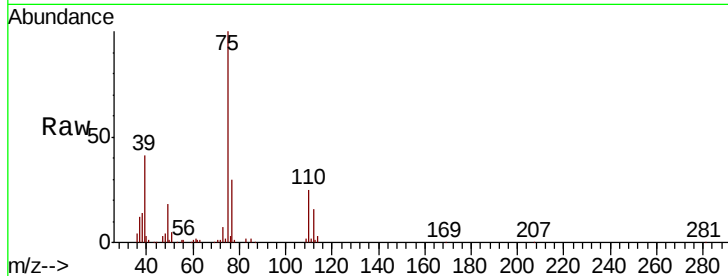
#53
t-1,3-Dichloropropene
Concen: 54.347 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.7	25.4	38.2

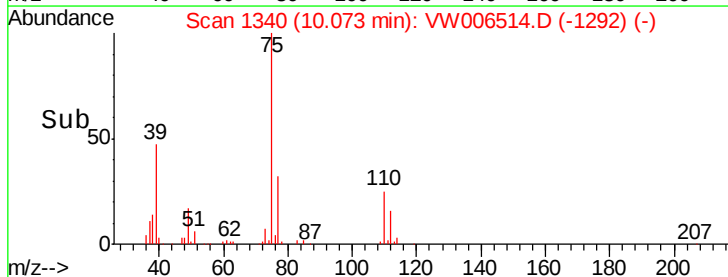
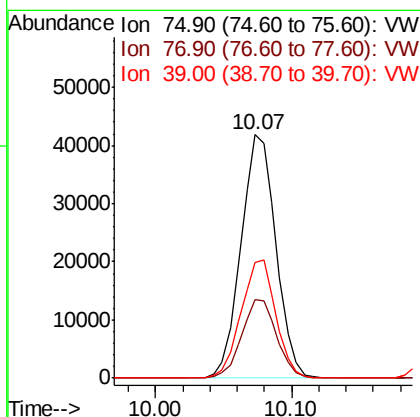
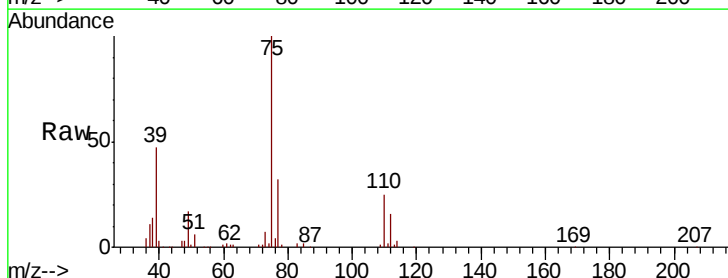
Manual Integrations
APPROVED

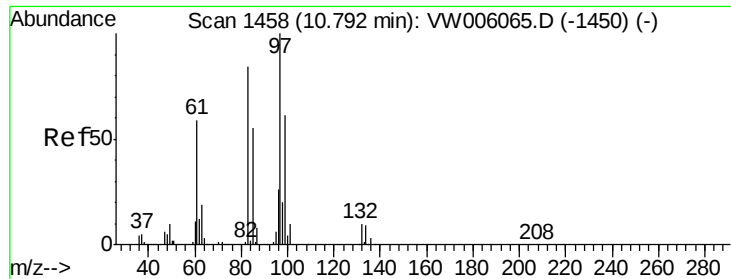
MMDadoda
10/31/2018 12:31:35 PM



#54
cis-1,3-Dichloropropene
Concen: 57.735 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.2	37.8
39	47.3	39.9	59.9





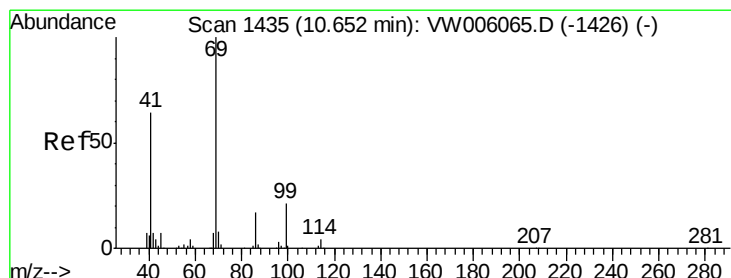
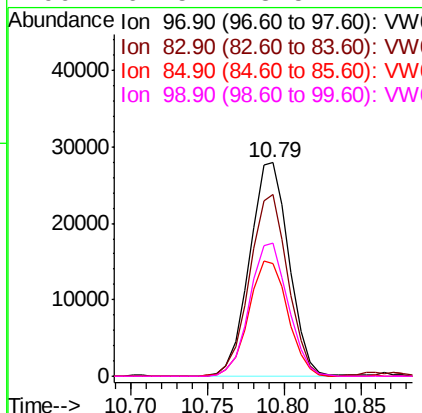
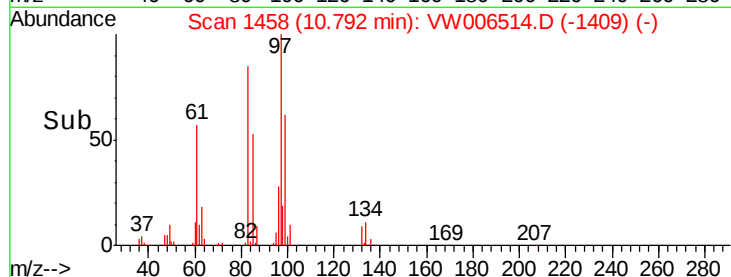
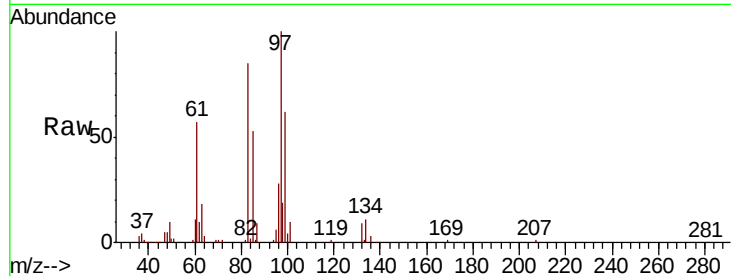
#55
 1,1,2-Trichloroethane
 Concen: 76.377 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	97	Resp	50098
Ion	Ratio	Lower	Upper
97	100		
83	85.4	67.2	100.8
85	52.6	43.7	65.5
99	62.5	48.5	72.7

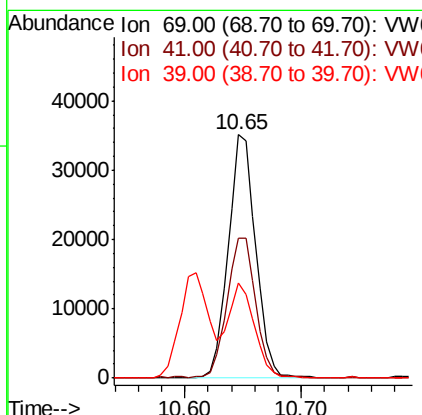
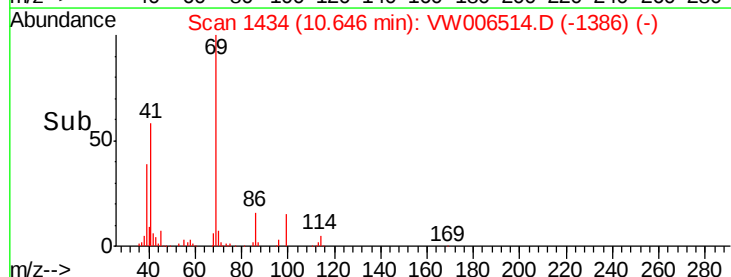
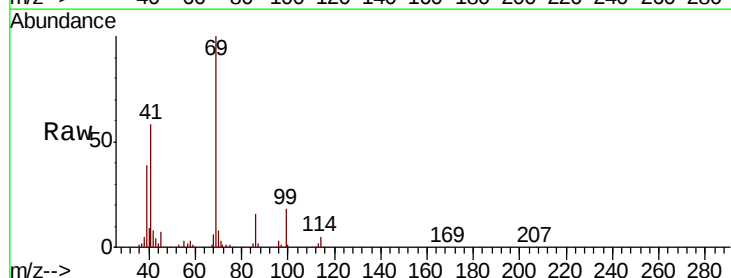
Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:35 PM



#56
 Ethyl methacrylate
 Concen: 71.542 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	69	Resp	57528
Ion	Ratio	Lower	Upper
69	100		
41	60.2	52.8	79.2
39	37.3	30.6	45.8





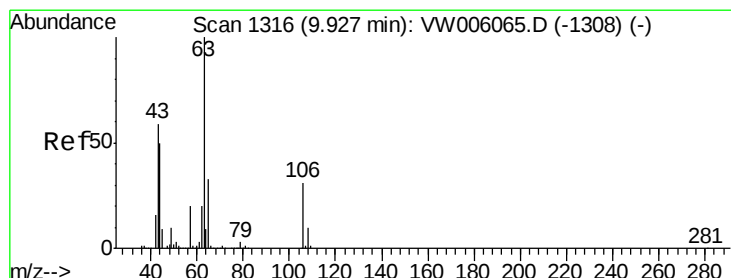
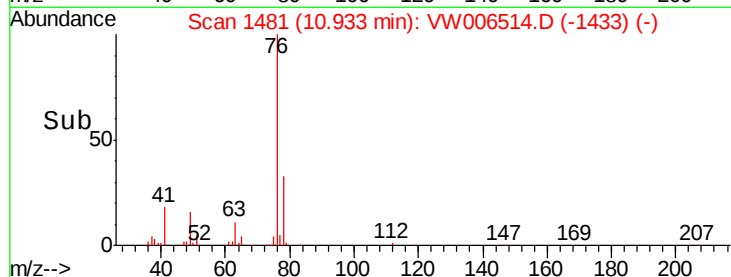
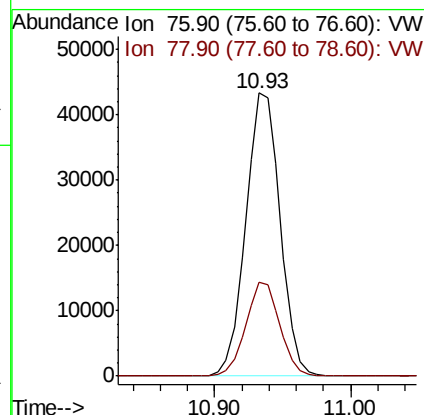
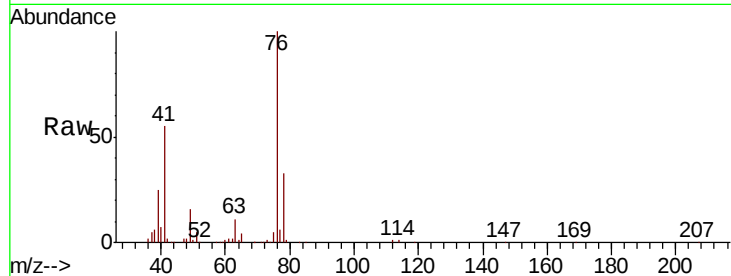
#57
 1,3-Dichloropropane
 Concen: 70.383 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	25.9	38.9

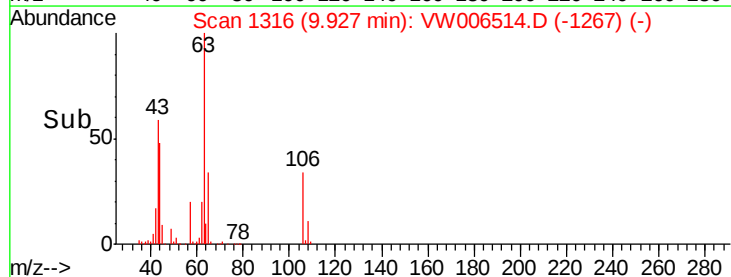
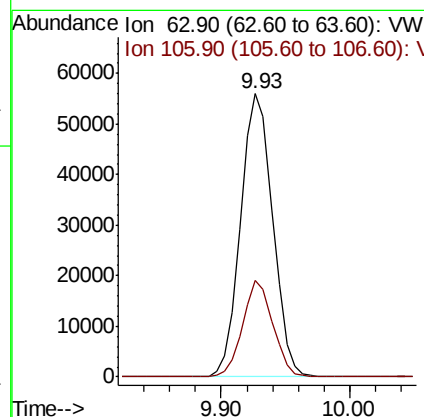
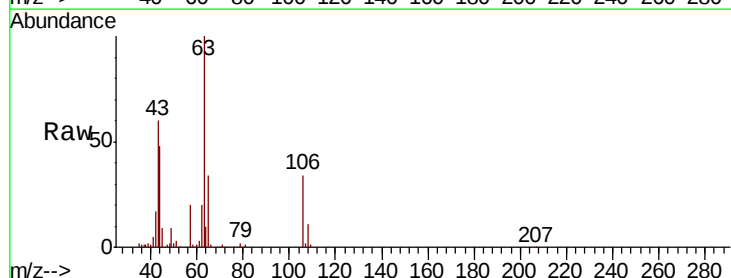
Manual Integrations
 APPROVED

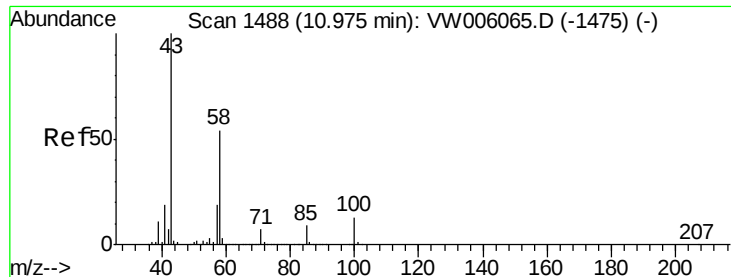
MMDadoda
 10/31/2018 12:31:35 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 313.867 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	32.0	24.5	36.7





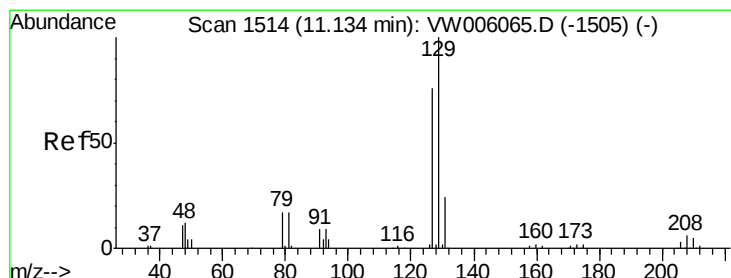
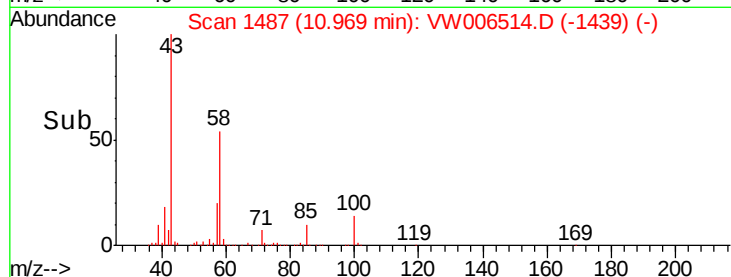
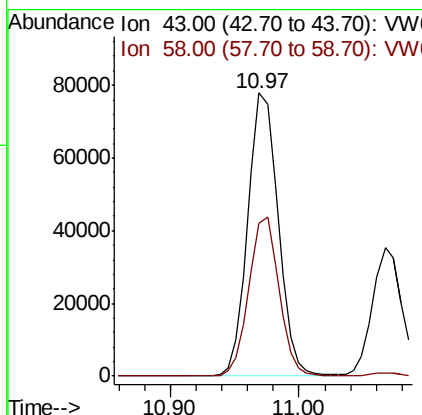
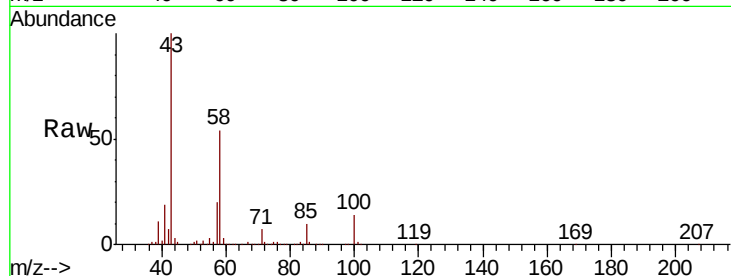
#59
2-Hexanone
Concen: 373.900 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion: 43 Resp: 127279
Ion Ratio Lower Upper
43 100
58 55.8 26.9 80.6

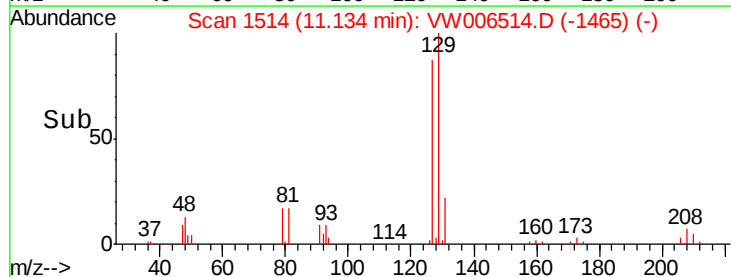
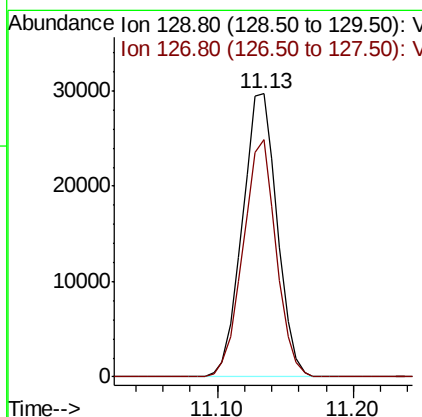
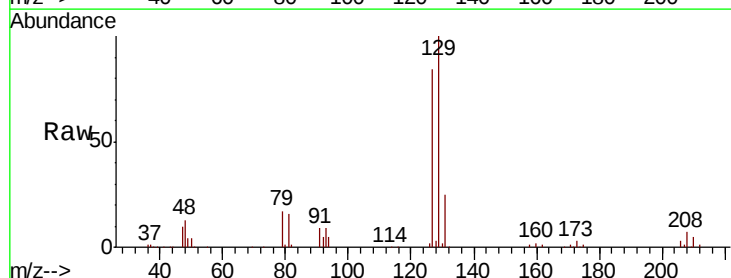
Manual Integrations
APPROVED

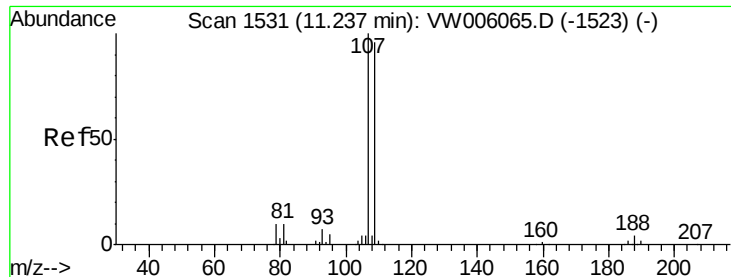
MMDadoda
10/31/2018 12:31:35 PM



#60
Dibromochloromethane
Concen: 65.083 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion: 129 Resp: 53174
Ion Ratio Lower Upper
129 100
127 79.9 38.6 115.7





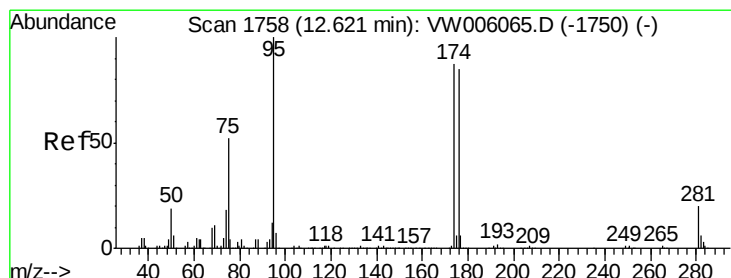
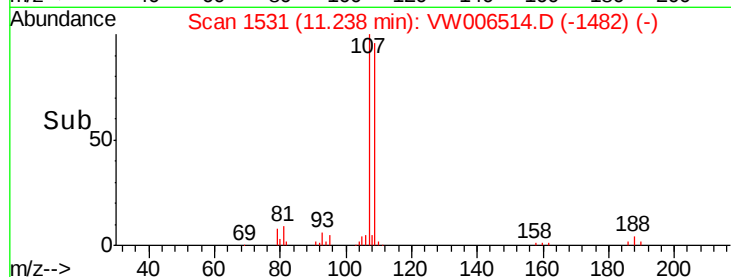
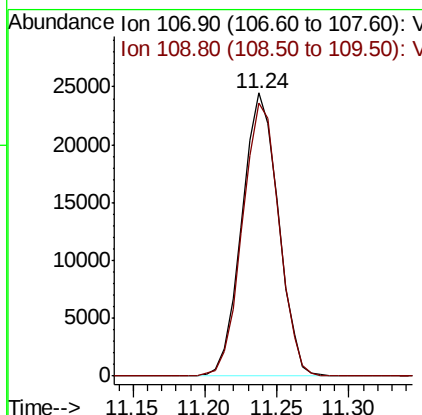
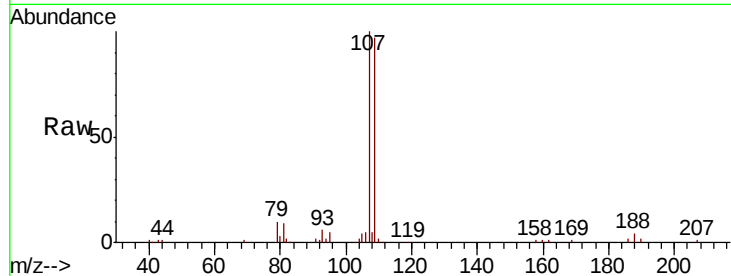
#61
1,2-Dibromoethane
Concen: 65.352 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
107	100		
109	97.1	76.3	114.5

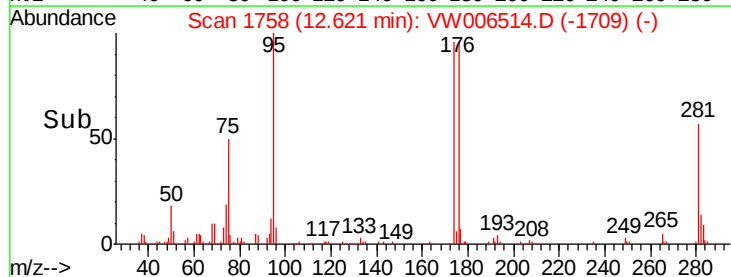
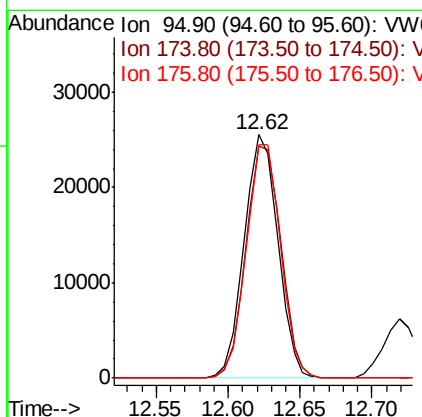
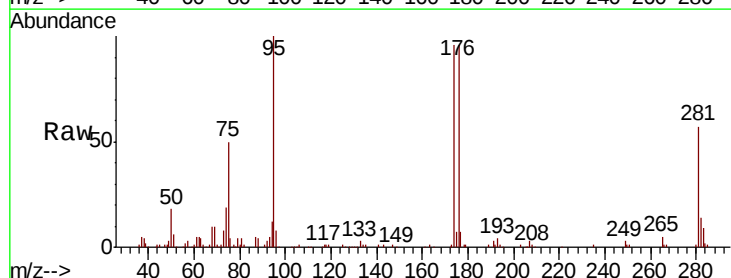
Manual Integrations
APPROVED

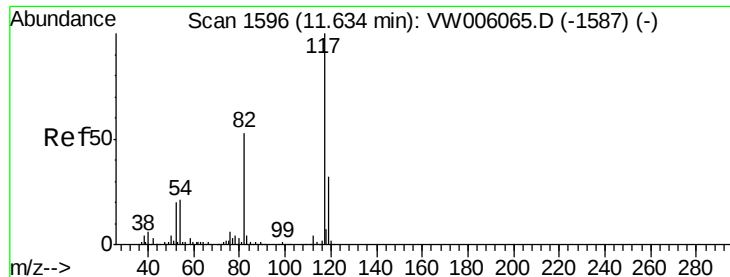
MMDadoda
10/31/2018 12:31:35 PM



#62
4-Bromofluorobenzene
Concen: 36.163 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	98.7	0.0	186.0
176	97.1	0.0	181.6





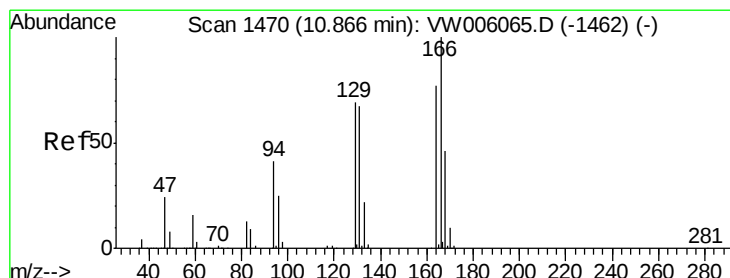
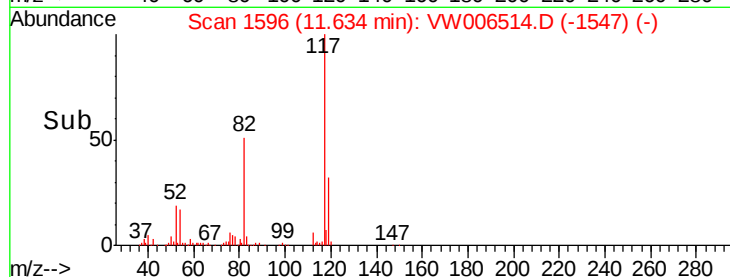
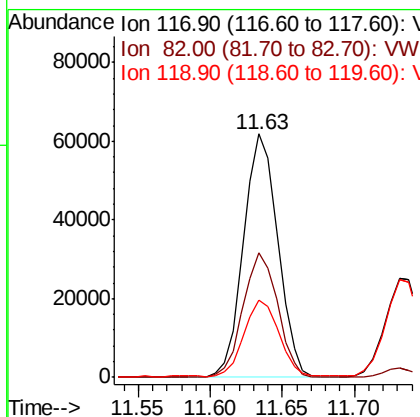
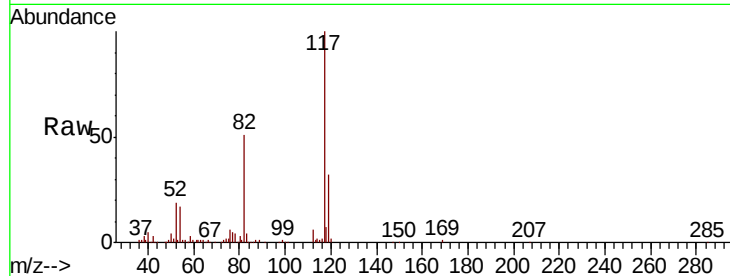
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	101906		
82	51.0	42.1	63.1	
119	31.5	25.8	38.6	

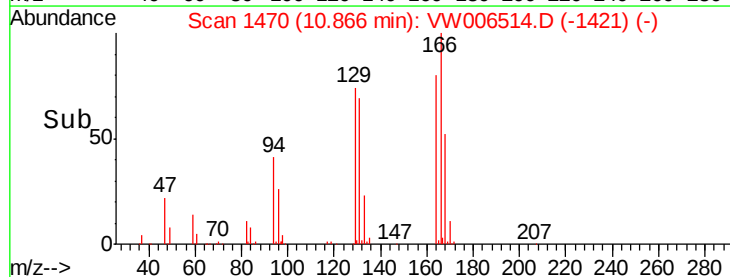
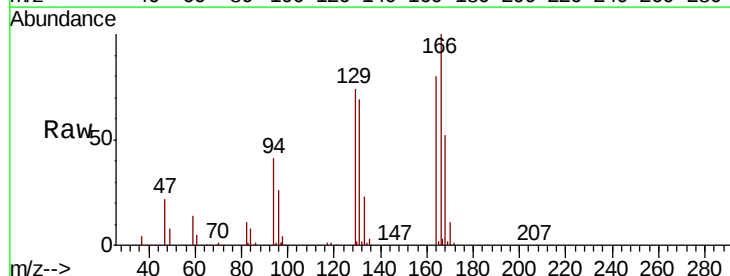
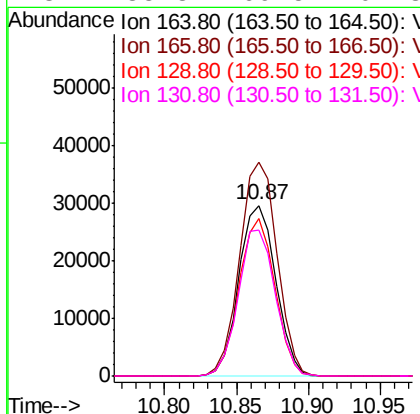
Manual Integrations
APPROVED

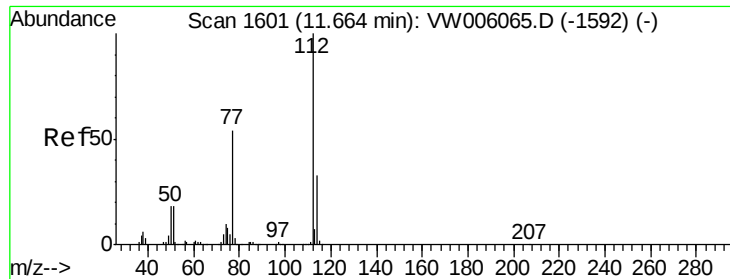
MMDadoda
10/31/2018 12:31:35 PM



#64
Tetrachloroethene
Concen: 66.722 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	52784		
166	125.1	103.4	155.0	
129	92.1	71.8	107.8	
131	85.8	69.5	104.3	





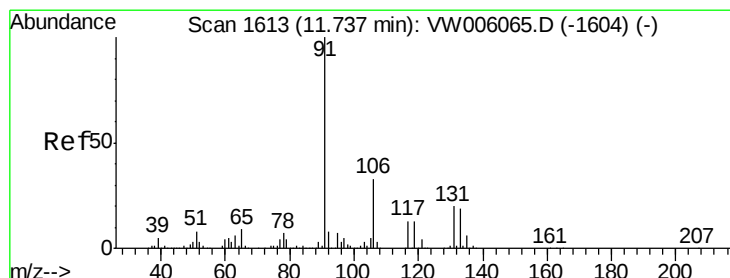
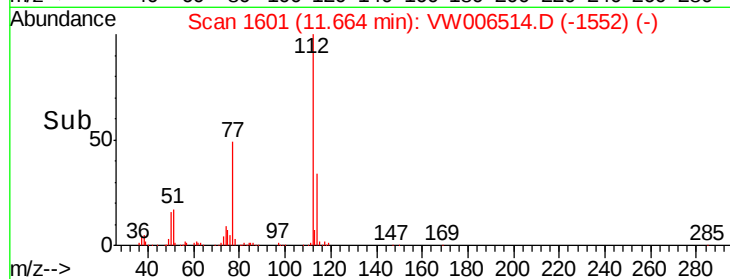
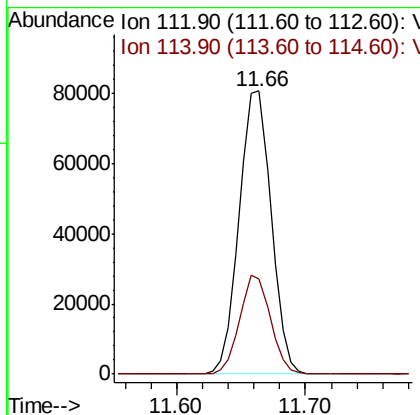
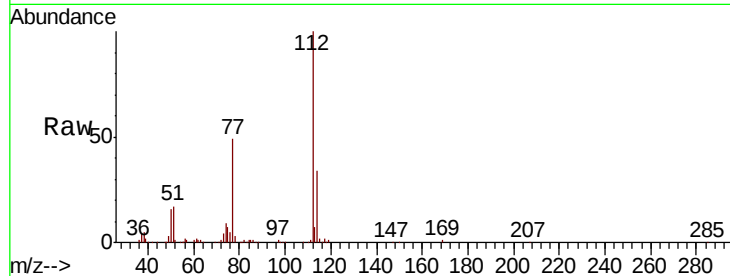
#65
Chlorobenzene
Concen: 63.681 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		138920		
114	33.9	26.2	39.2		

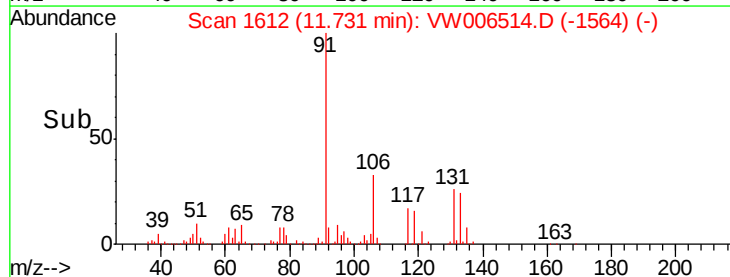
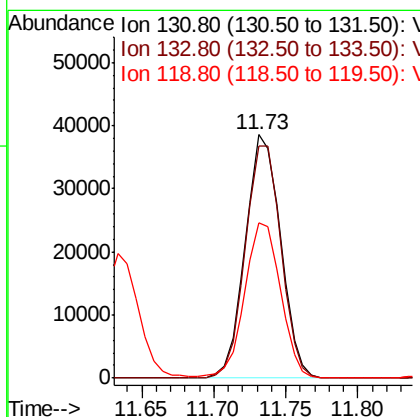
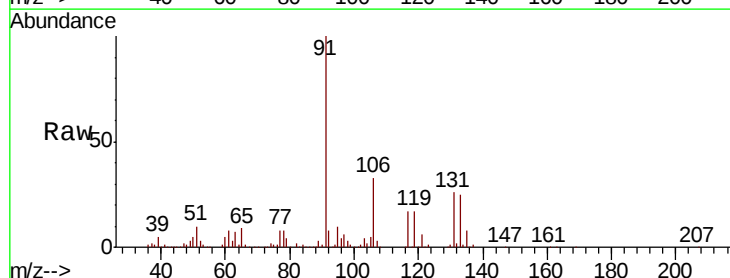
Manual Integrations
APPROVED

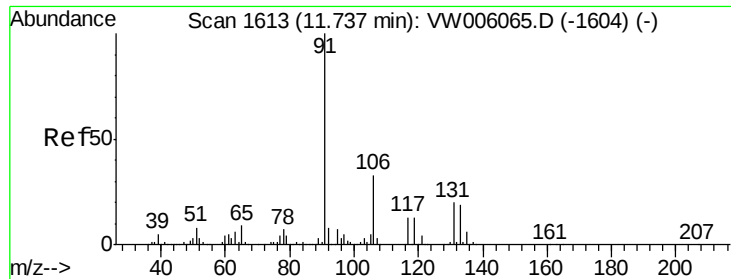
MMDadoda
10/31/2018 12:31:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 84.229 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
131	100		65300		
133	96.7	48.1	144.3		
119	65.7	31.6	94.7		





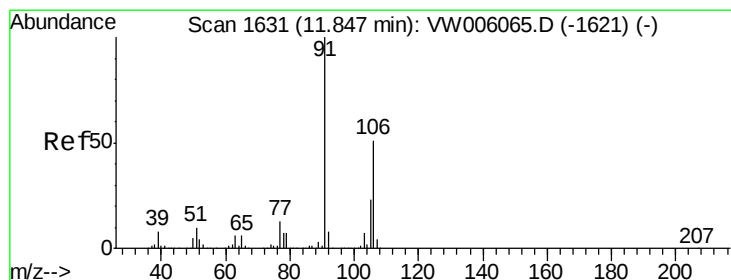
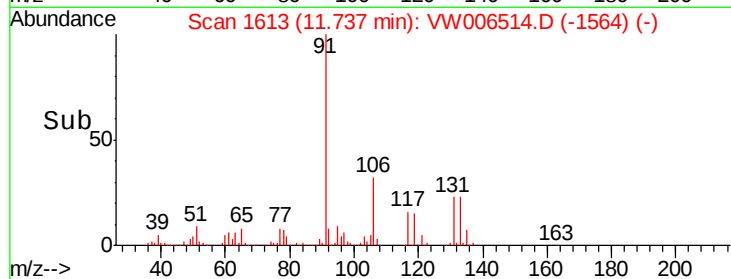
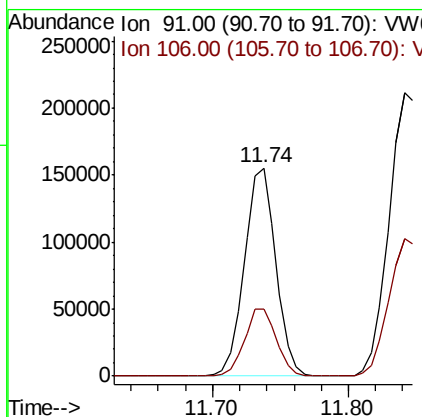
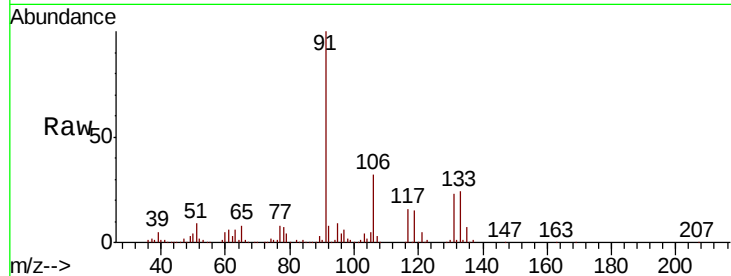
#67
Ethyl Benzene
Concen: 66.189 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.3	26.1	39.1

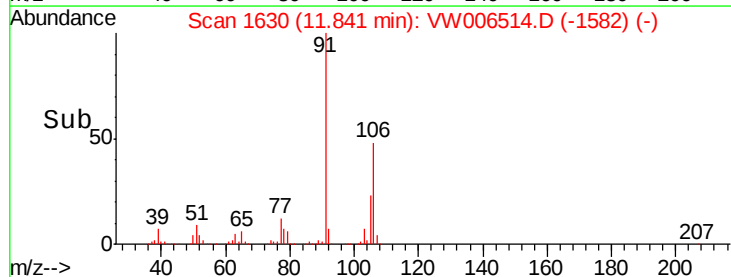
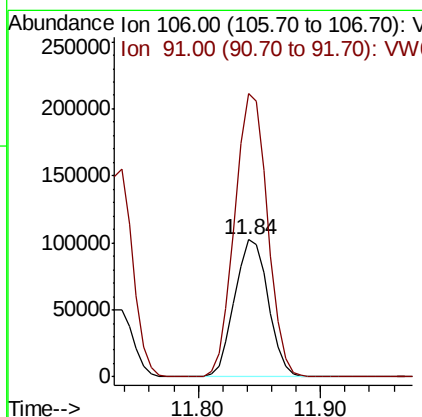
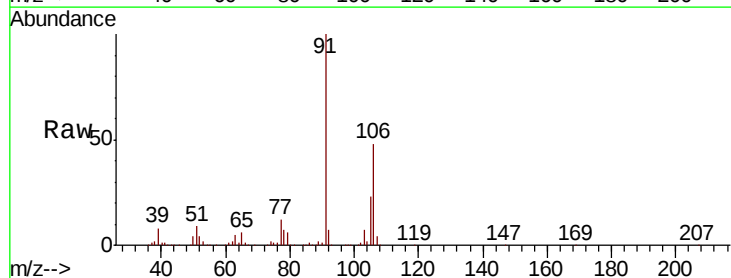
Manual Integrations
APPROVED

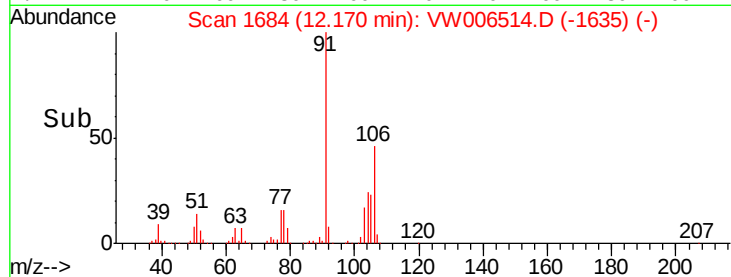
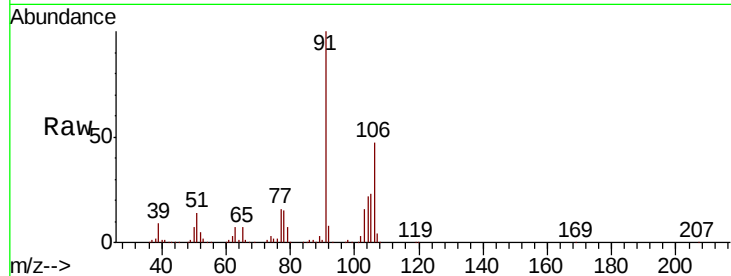
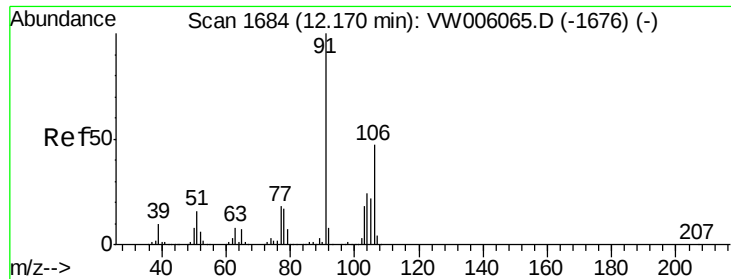
MMDadoda
10/31/2018 12:31:35 PM



#68
m/p-Xylenes
Concen: 130.731 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
106	100		
91	201.7	159.1	238.7





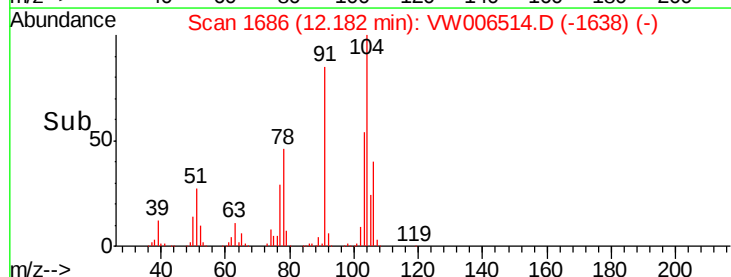
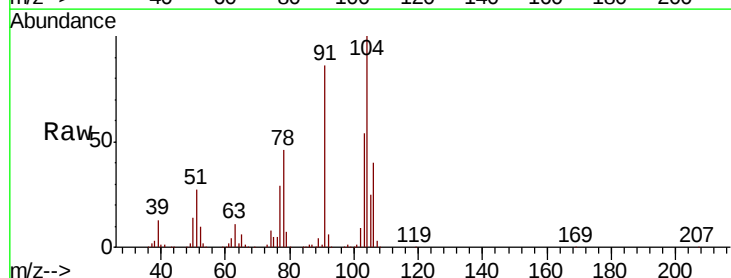
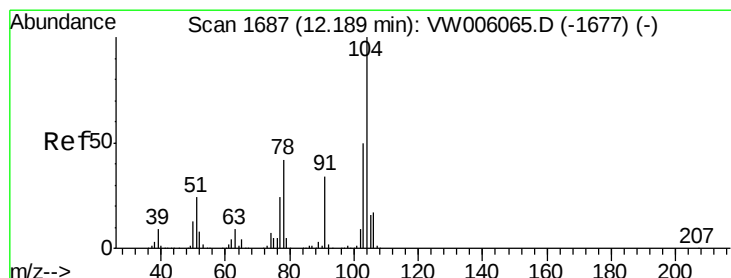
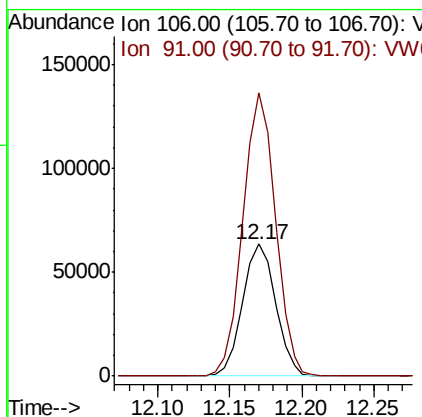
#69
o-Xylene
Concen: 71.263 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tot Ion:106 Resp: 101486
Ion Ratio Lower Upper
106 100
91 210.2 105.4 316.1

Instrument :
MSVOA_W
ClientSampled :
DL-03AMS

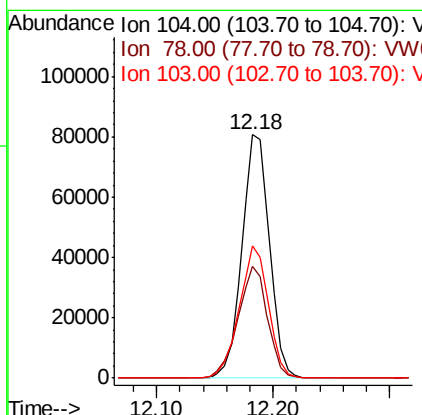
Manual Integrations
APPROVED

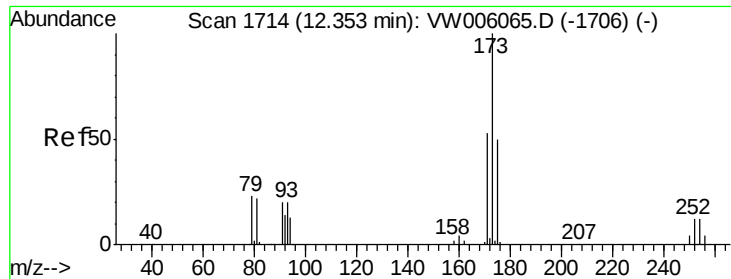
MMDadoda
10/31/2018 12:31:35 PM



#70
Styrene
Concen: 57.580 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.01 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion:104 Resp: 133343
Ion Ratio Lower Upper
104 100
78 48.9 39.1 58.7
103 57.3 44.3 66.5





#71

Bromoform

Concen: 79.166 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

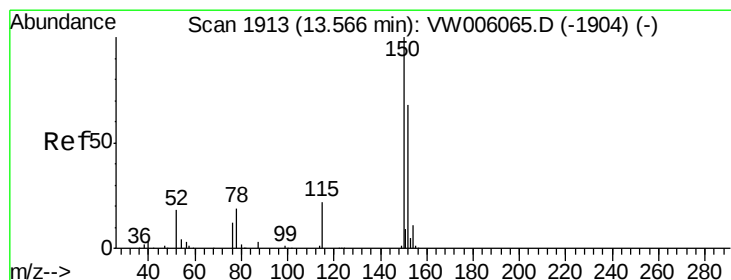
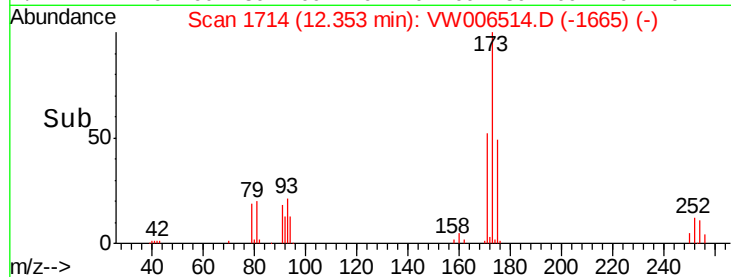
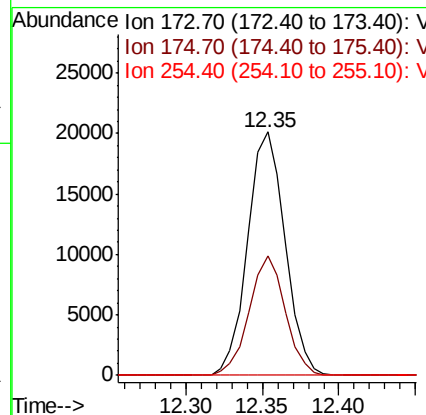
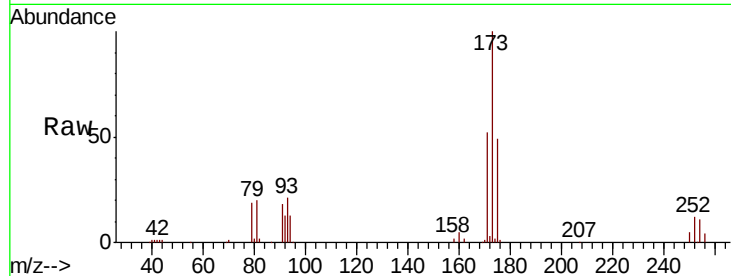
ClientSampleId :

DL-03AMS

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.3	24.2	72.6
254	0.0	0.1	0.1#

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

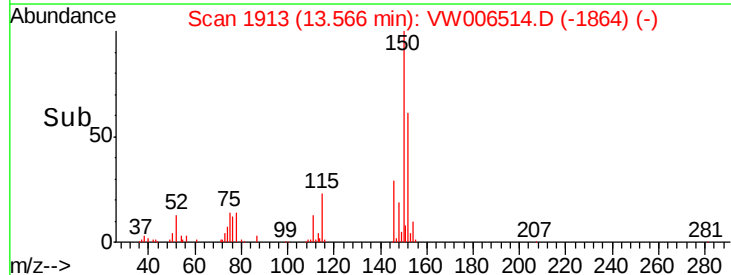
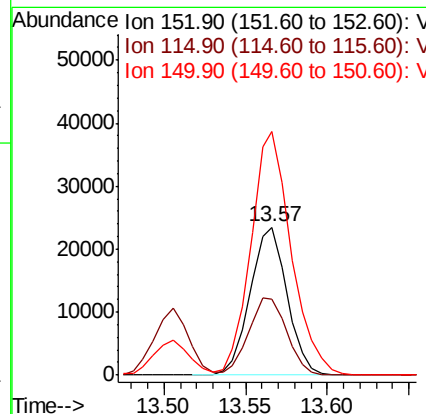
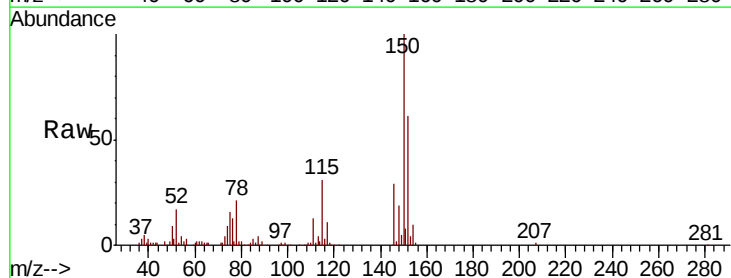
RT: 13.57 min Scan# 1913

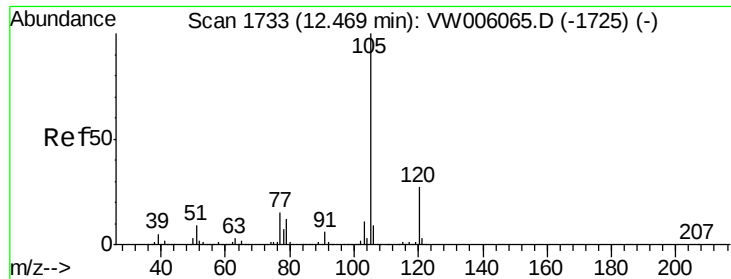
Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.4	27.8	83.3
150	179.3	0.0	349.2





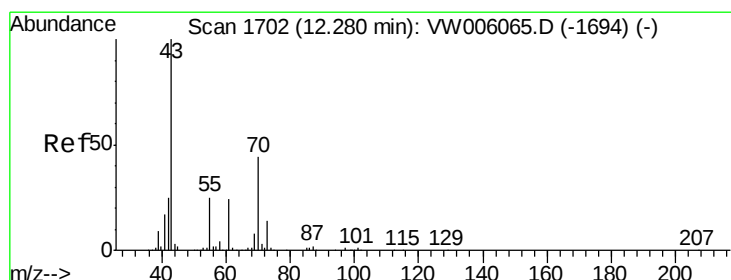
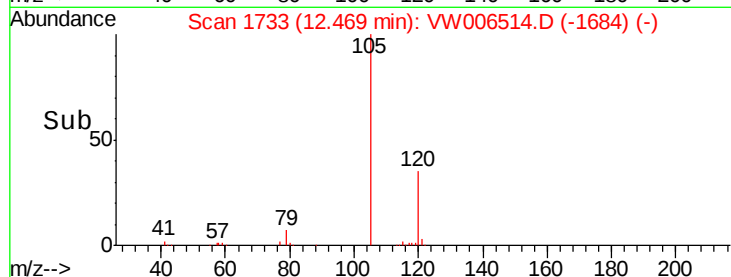
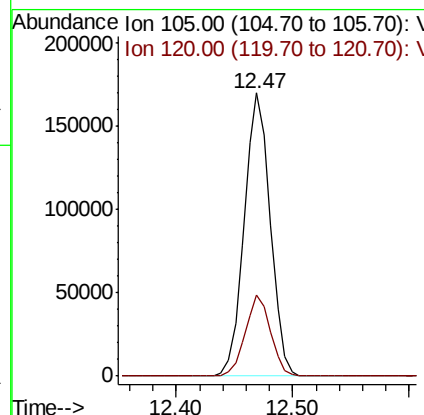
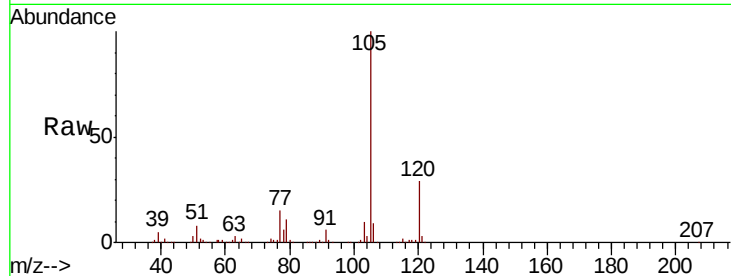
#73
Isopropylbenzene
Concen: 100.804 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.8	13.6	40.7

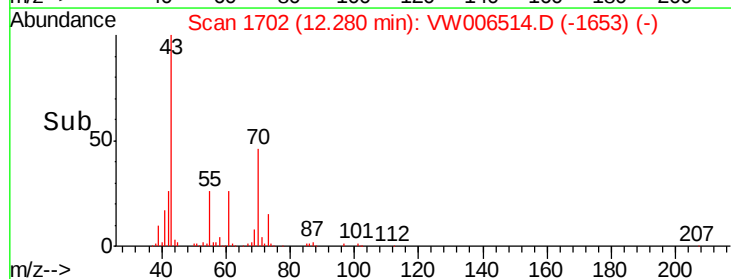
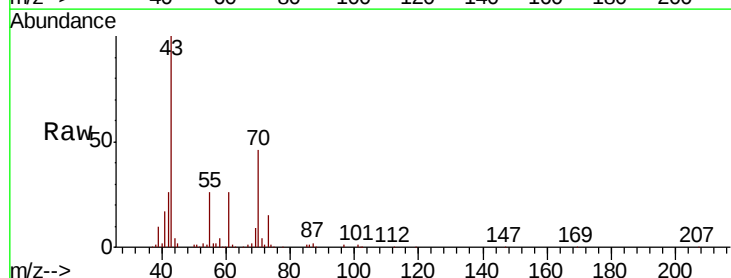
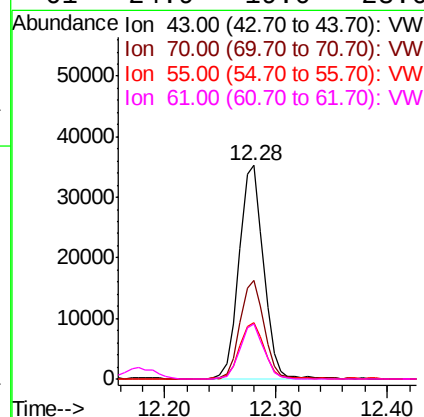
Manual Integrations
APPROVED

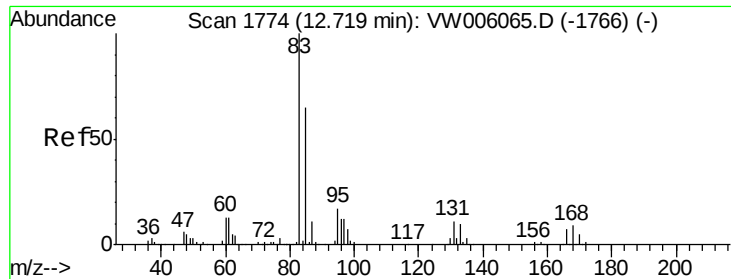
MMDadoda
10/31/2018 12:31:35 PM



#74
N-ethyl acetate
Concen: 105.569 ug/l
RT: 12.28 min Scan# 1702
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
43	100		
70	45.4	34.2	51.4
55	27.0	19.2	28.8
61	24.9	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 145.052 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

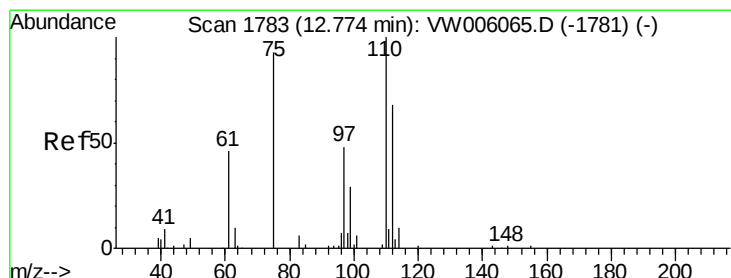
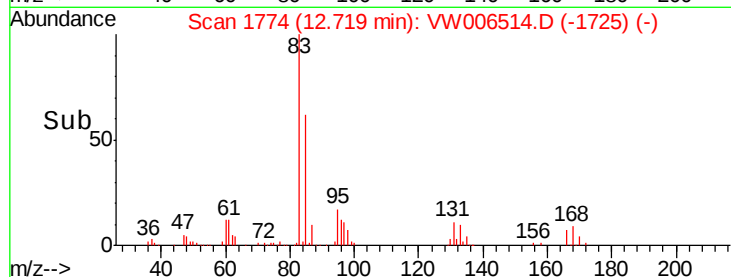
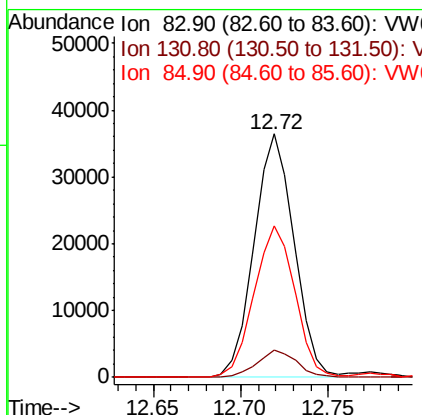
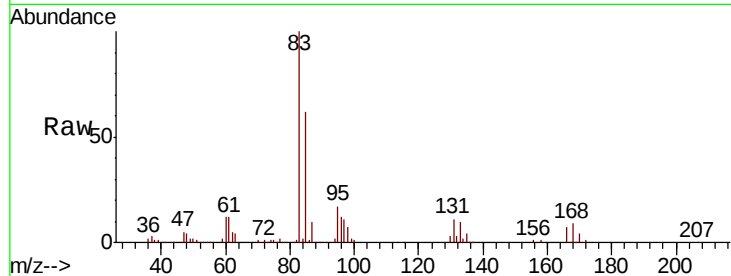
ClientSampleId :

DL-03AMS

Tot Ion:	83	Resp:	57855
Ion Ratio	Lower	Upper	
83	100		
131	11.4	5.9	17.7
85	63.6	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#76

1,2,3-Trichloropropane

Concen: 152.358 ug/l m

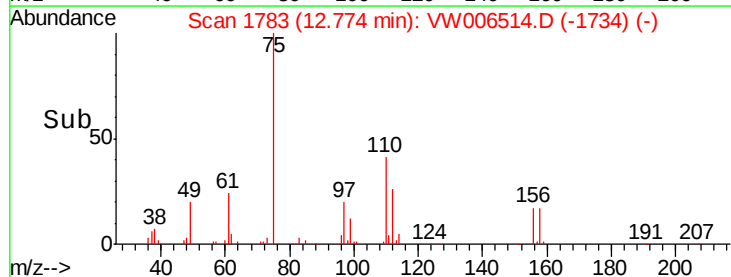
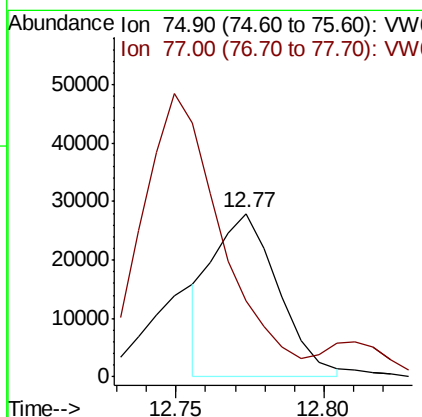
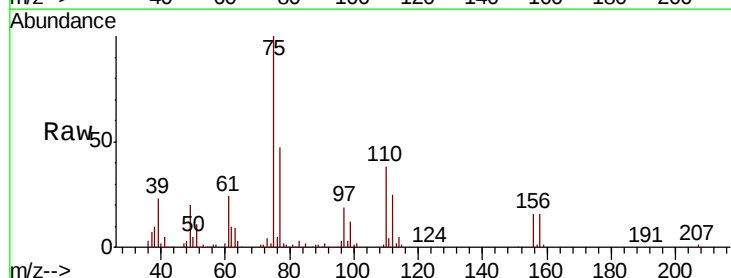
RT: 12.77 min Scan# 1783

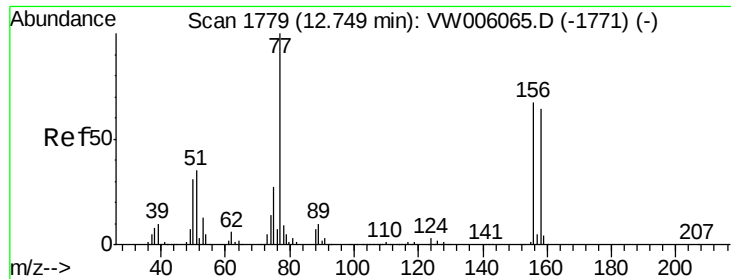
Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Tgt Ion:	75	Resp:	43197
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





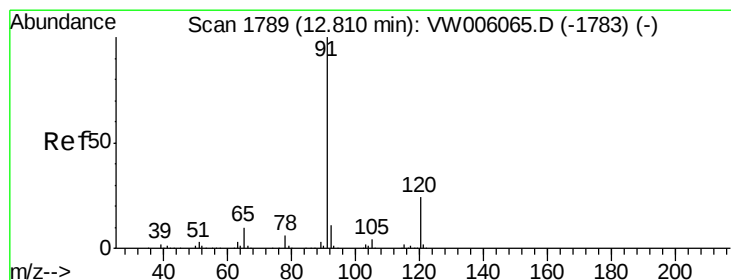
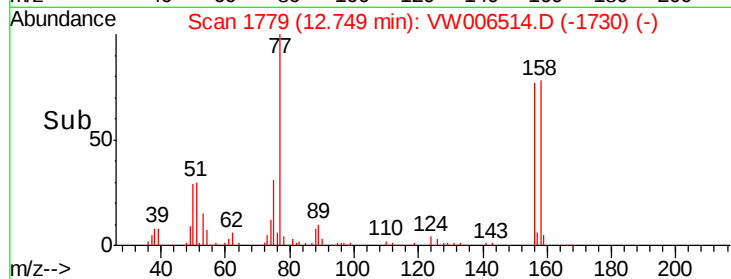
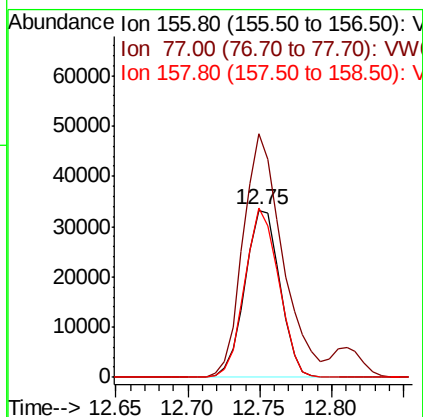
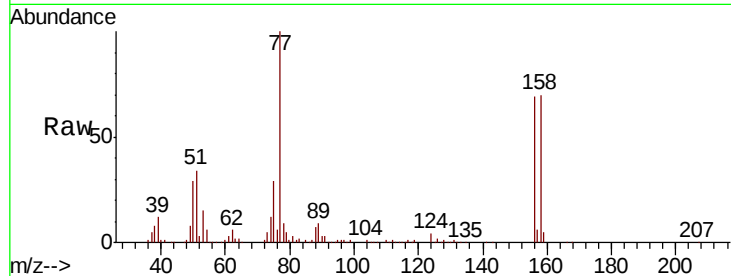
#77
Bromobenzene
Concen: 87.072 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.2	79.1	237.4
158	98.4	48.5	145.6

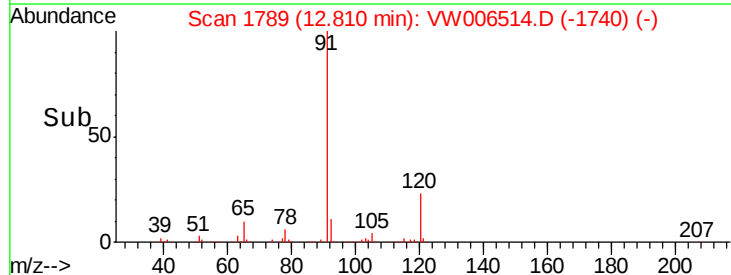
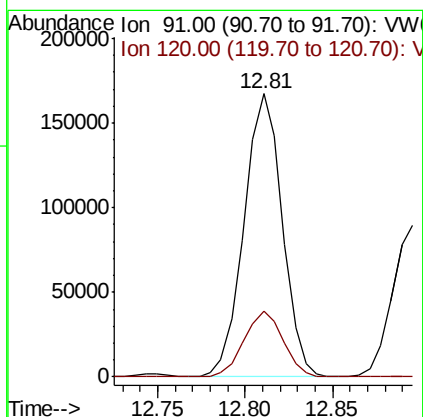
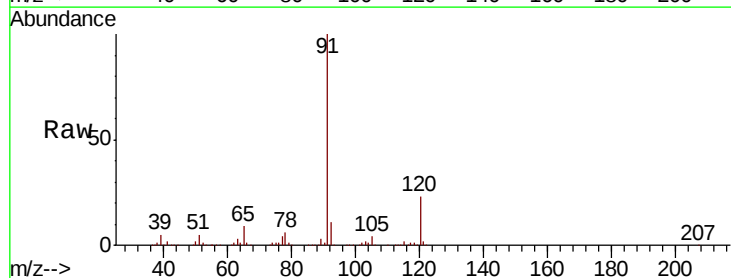
Manual Integrations
APPROVED

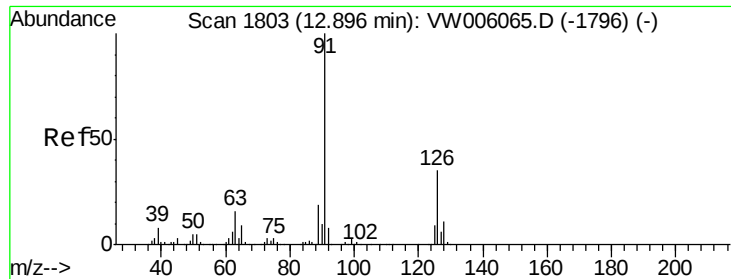
MMDadoda
10/31/2018 12:31:35 PM



#78
n-propylbenzene
Concen: 83.010 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	12.2	36.6





#79

2-Chlorotoluene

Concen: 86.745 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

Tot Ion: 91 Resp: 148699

Ion Ratio Lower Upper

91 100

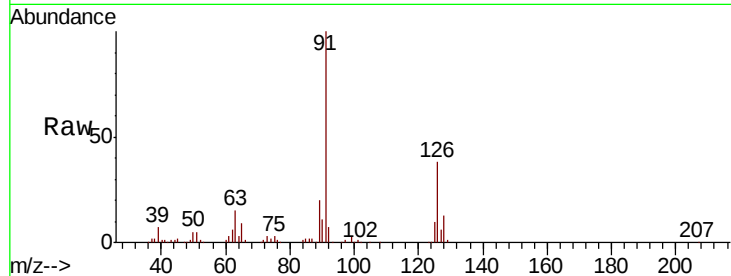
126 37.1 17.9 53.8

Manual Integrations

APPROVED

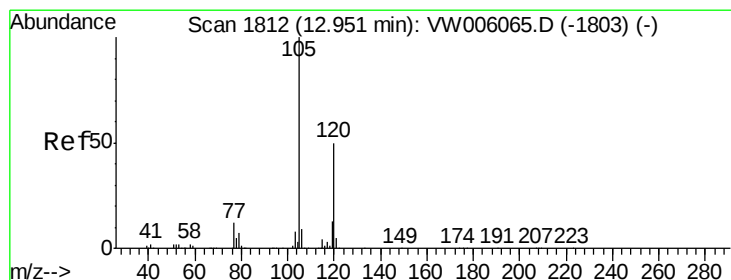
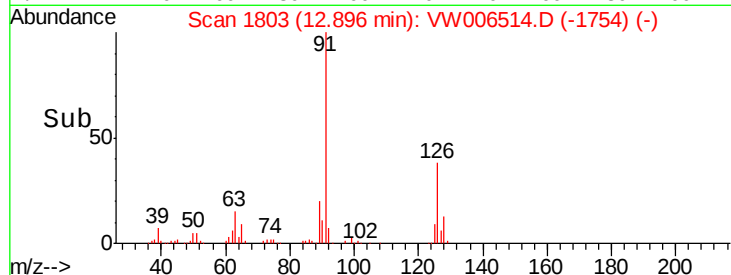
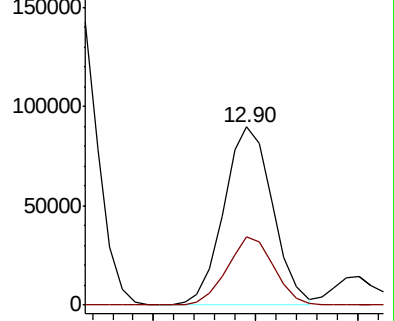
MMDadoda

10/31/2018 12:31:35 PM



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 94.350 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW006514.D

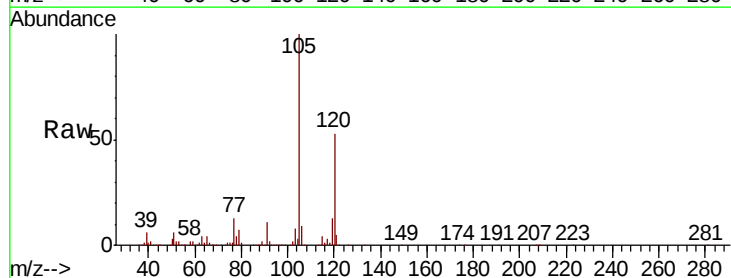
Acq: 30 Oct 2018 20:36

Tgt Ion:105 Resp: 208585

Ion Ratio Lower Upper

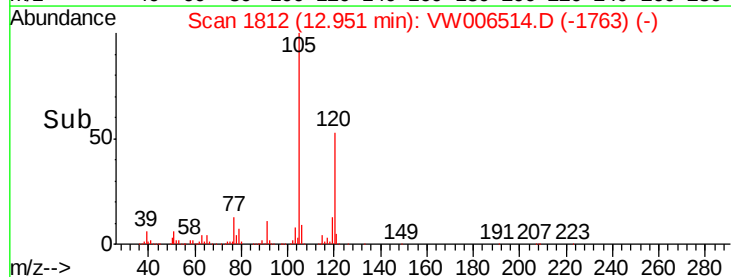
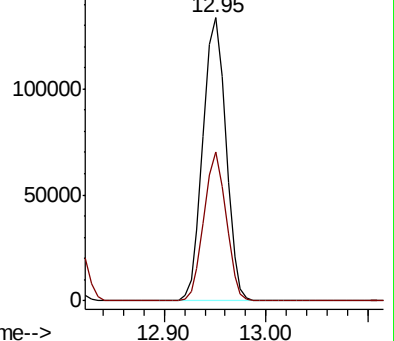
105 100

120 50.6 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





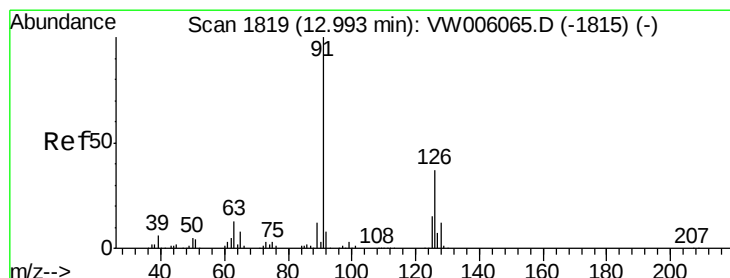
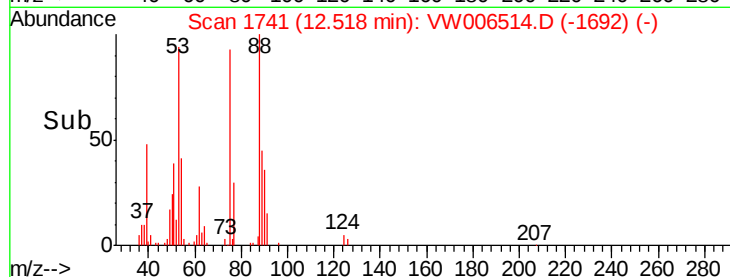
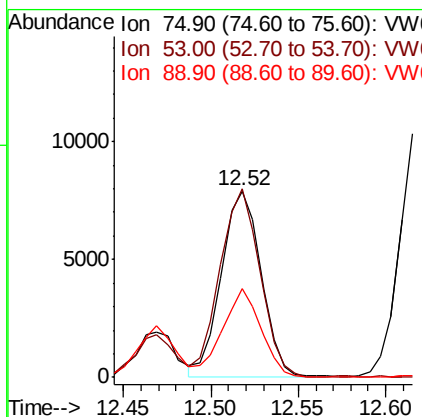
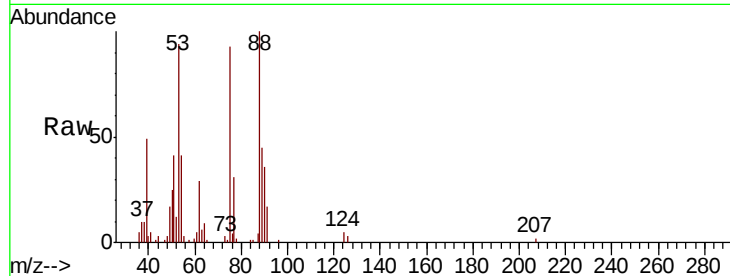
#81
trans-1,4-Dichloro-2-butene
Concen: 106.298 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.5	79.8	119.6
89	46.0	37.5	56.3

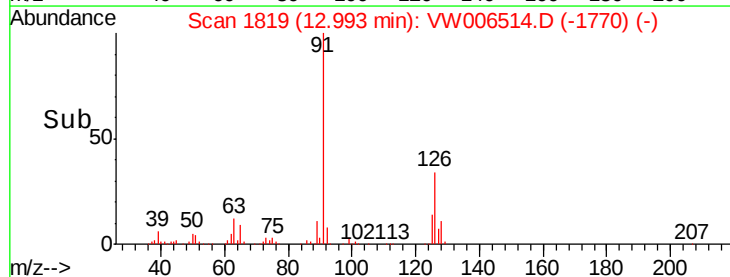
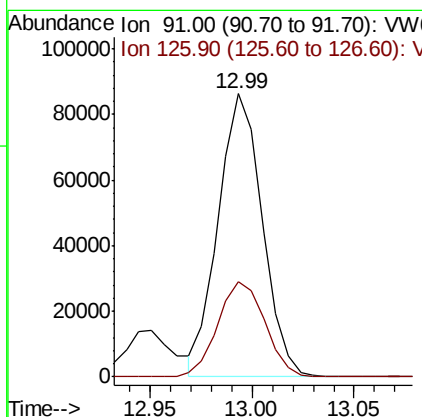
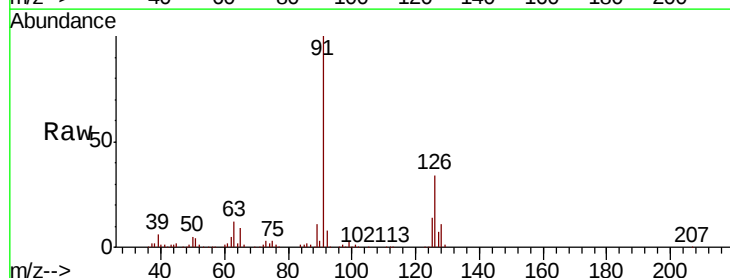
Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#82
4-Chlorotoluene
Concen: 71.816 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.3	18.1	54.3





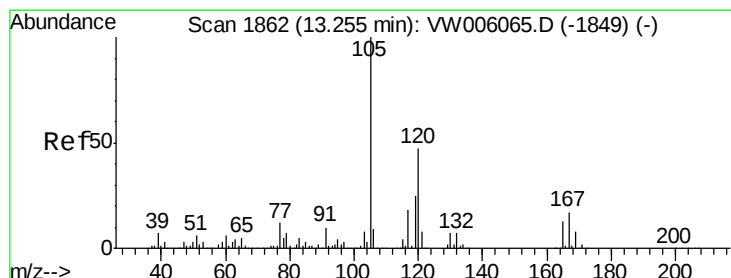
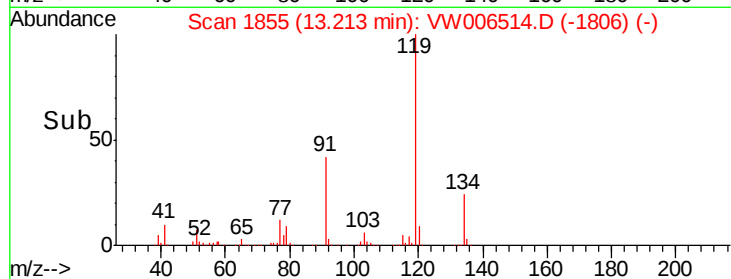
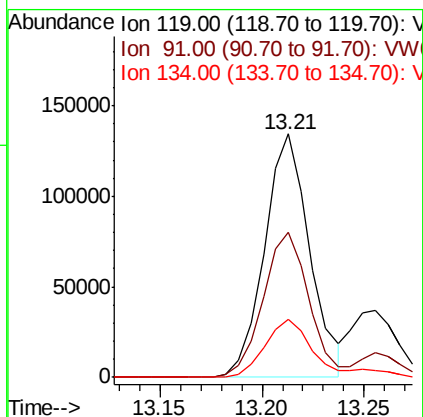
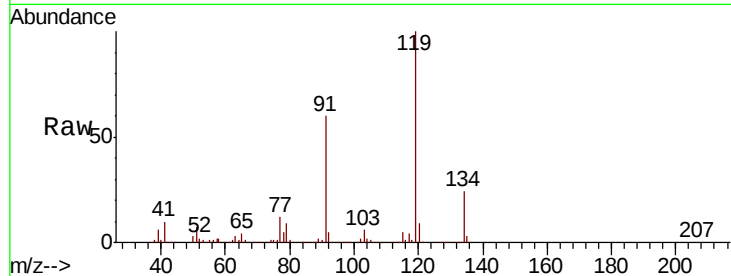
#83
tert-Butylbenzene
Concen: 104.875 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	207439		
91	61.1		32.3	96.9
134	24.6		13.6	40.8

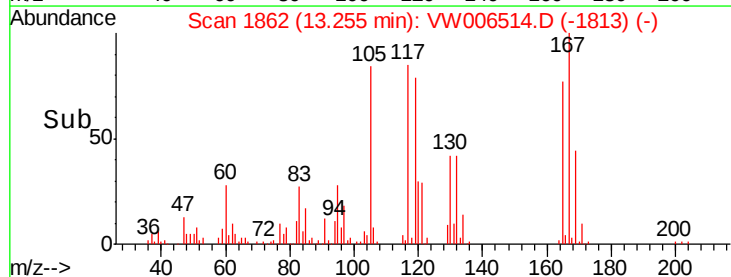
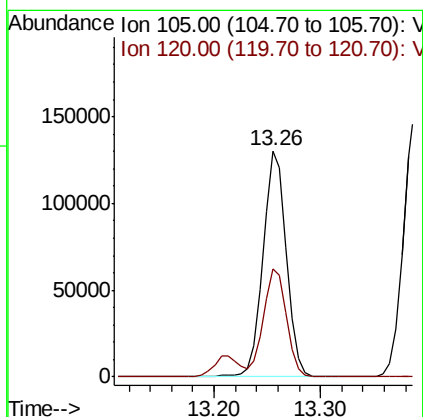
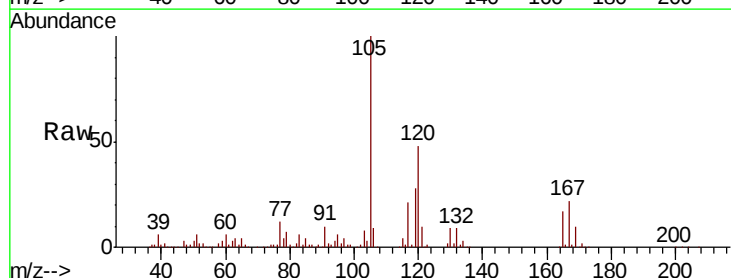
Manual Integrations
APPROVED

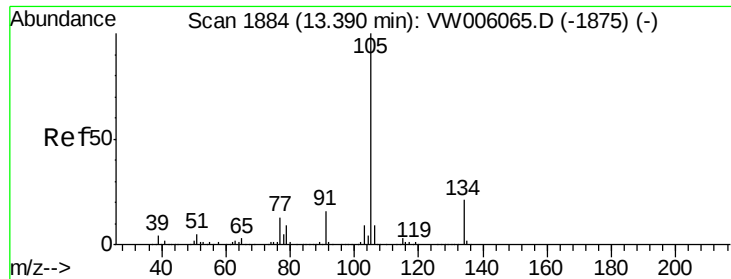
MMDadoda
10/31/2018 12:31:35 PM



#84
1,2,4-Trimethylbenzene
Concen: 89.490 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	200196		
120	47.2		23.1	69.3





#85

sec-Butylbenzene

Concen: 85.711 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

Instrument :

MSVOA_W

ClientSampleId :

DL-03AMS

Tot Ion:105 Resp: 239505

Ion Ratio Lower Upper

105 100

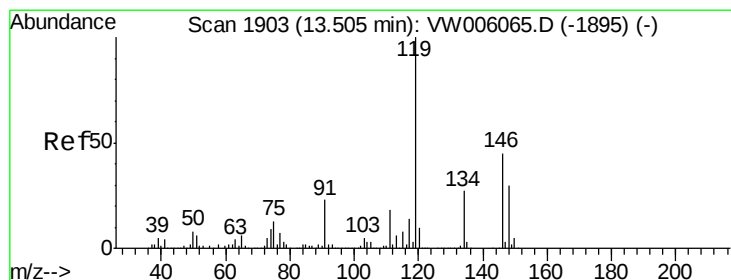
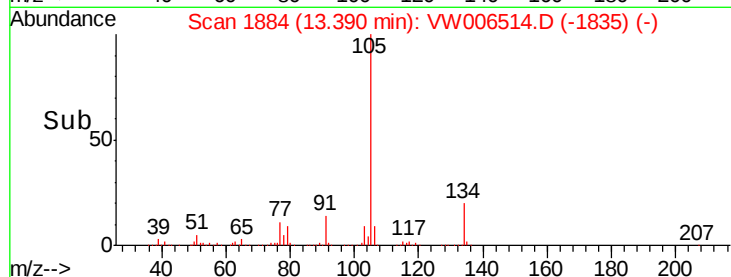
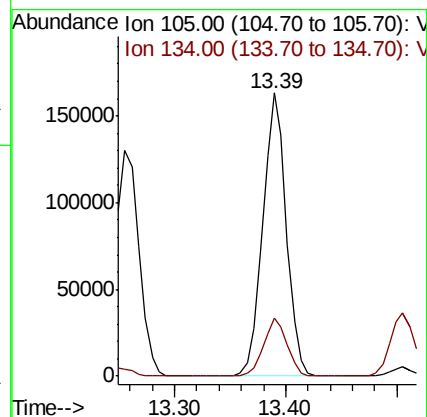
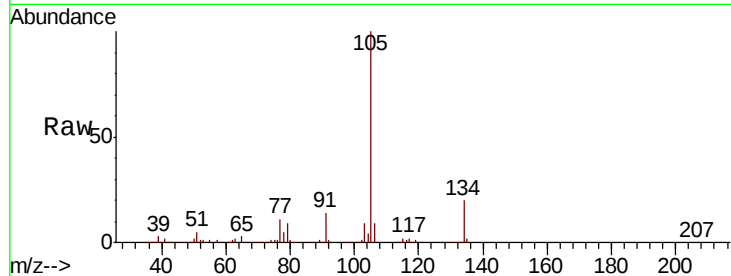
134 20.6 10.5 31.6

Manual Integrations

APPROVED

MMDadoda

10/31/2018 12:31:35 PM



#86

p-Isopropyltoluene

Concen: 80.756 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW006514.D

Acq: 30 Oct 2018 20:36

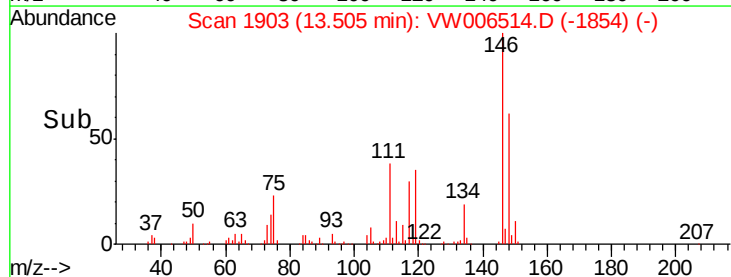
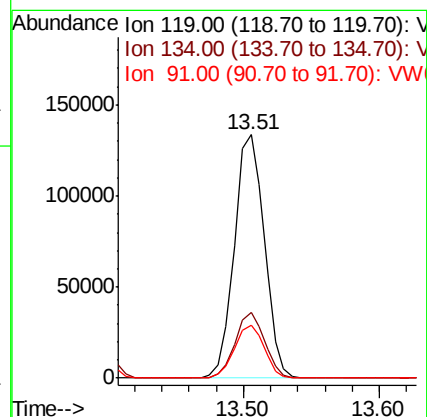
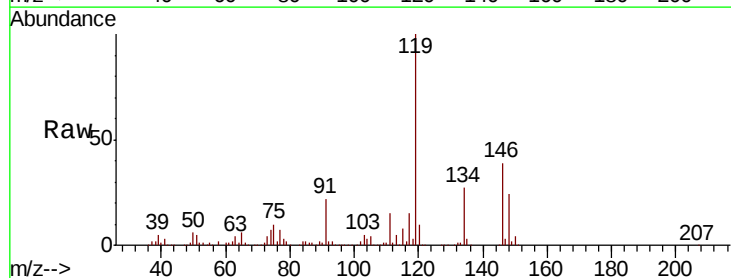
Tgt Ion:119 Resp: 204109

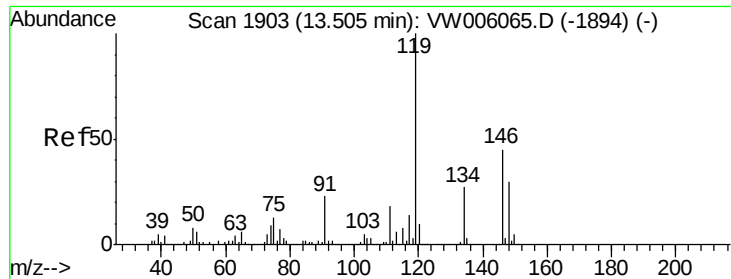
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 21.9 11.4 34.1





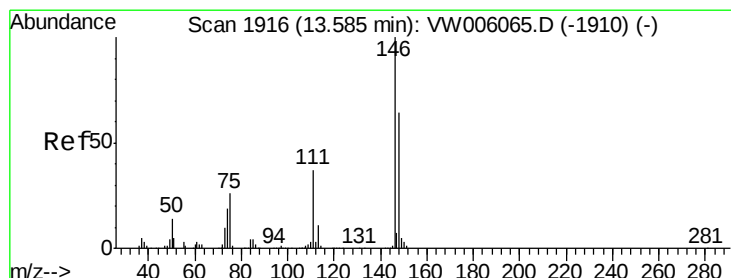
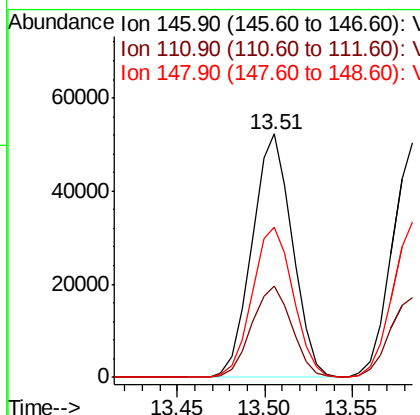
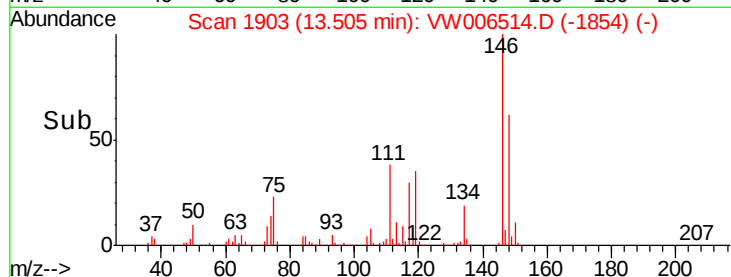
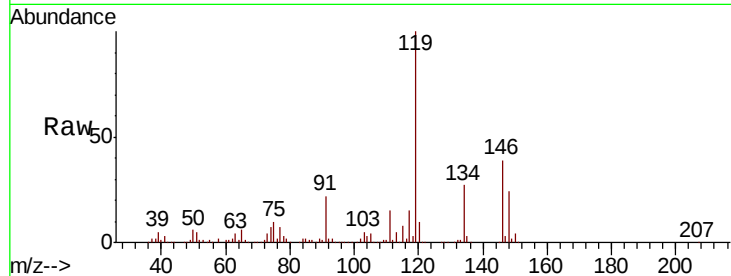
#87
 1,3-Dichlorobenzene
 Concen: 65.432 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.5
148	62.7	32.0	96.2

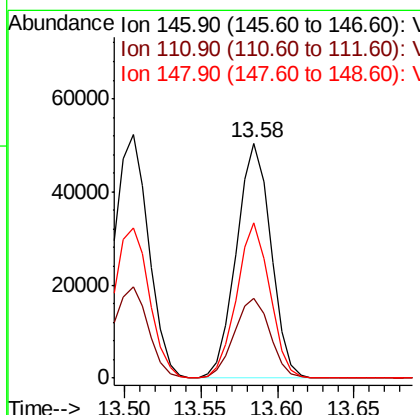
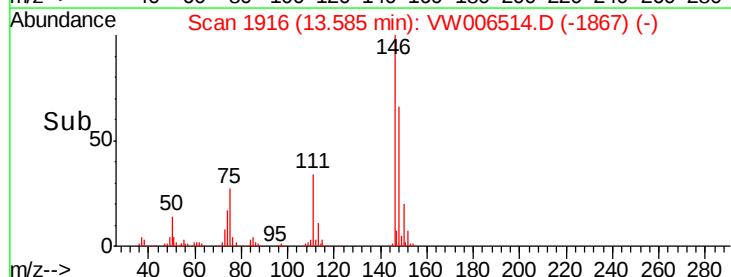
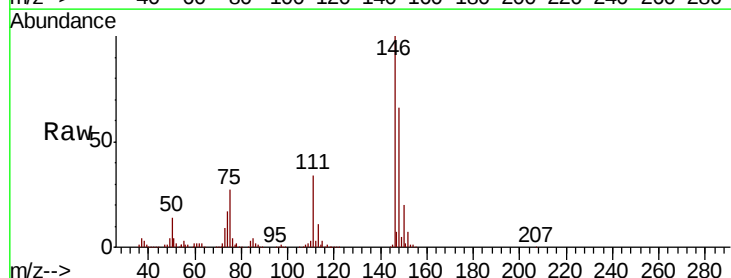
Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 62.059 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.3	18.6	56.0
148	63.7	32.1	96.5





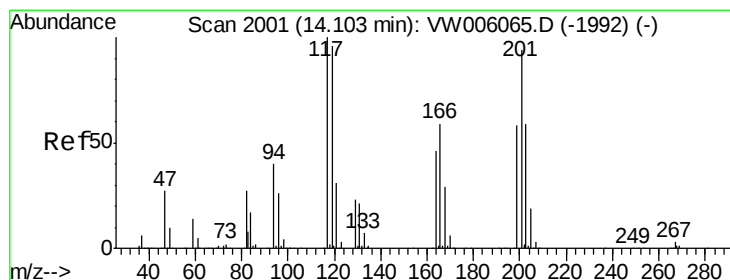
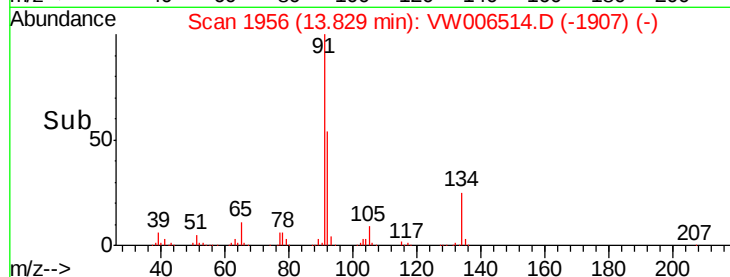
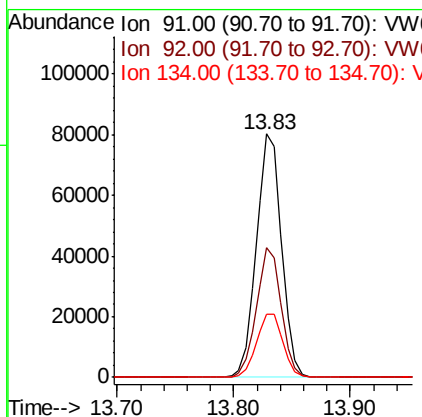
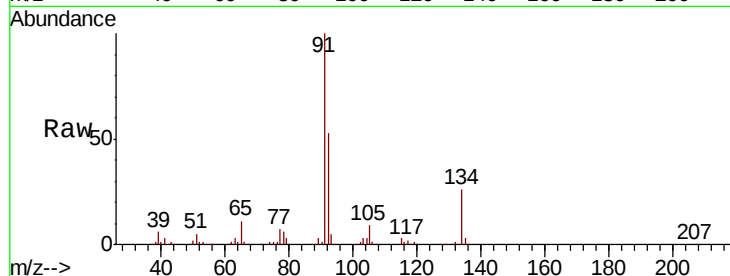
#89
n-Butylbenzene
Concen: 52.350 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampled :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.6	79.7
134	27.2	14.0	41.9

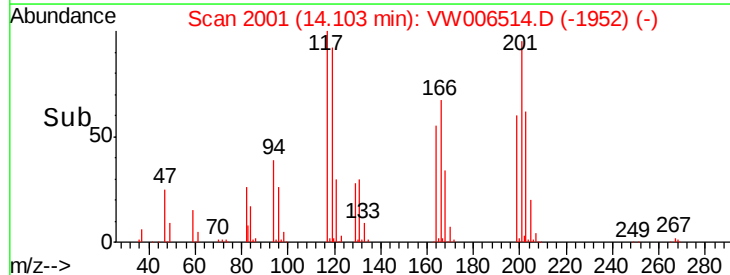
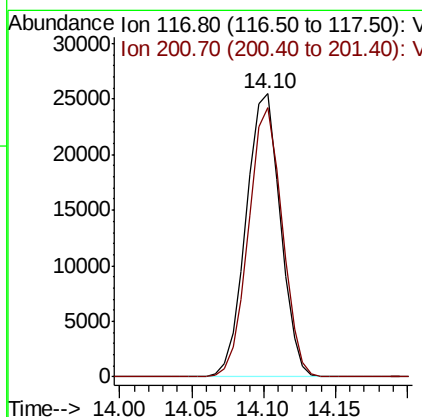
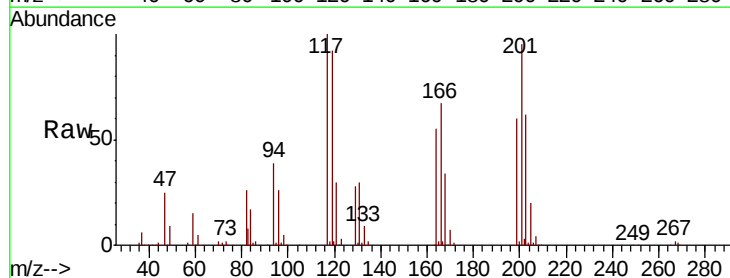
Manual Integrations
APPROVED

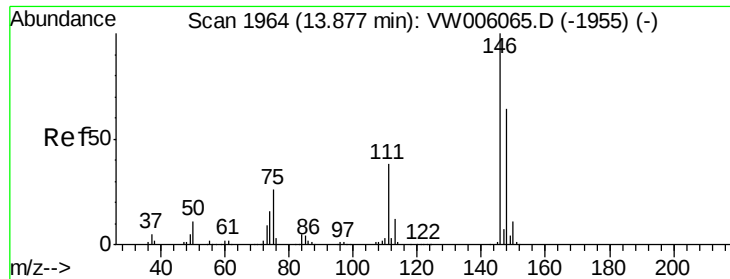
MMDadoda
10/31/2018 12:31:35 PM



#90
Hexachloroethane
Concen: 98.083 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.4	45.3	135.9





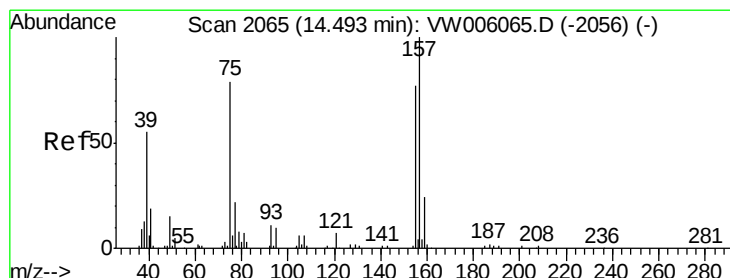
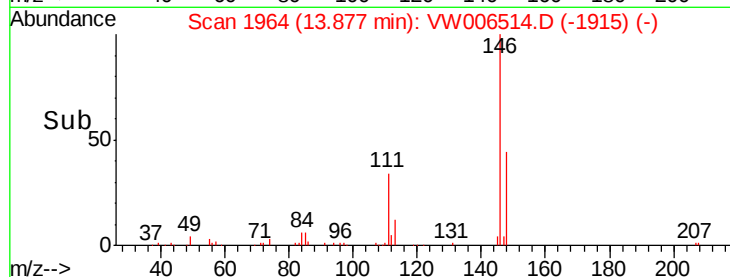
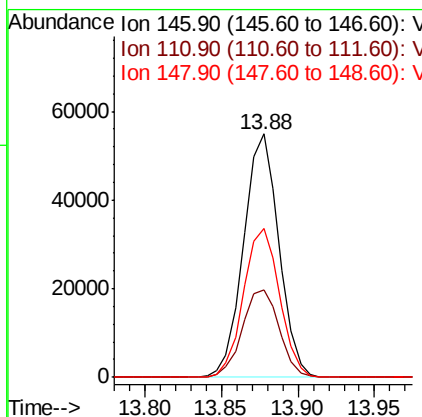
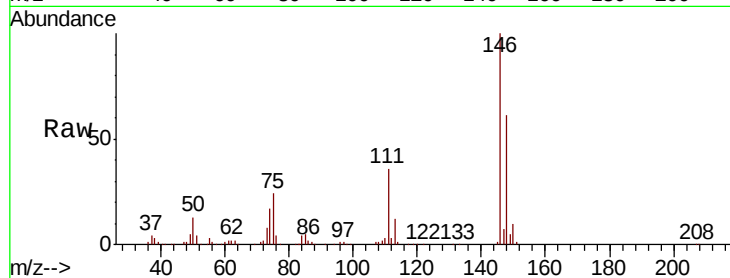
#91
 1,2-Dichlorobenzene
 Concen: 77.266 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampled :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.6	58.7
148	62.7	32.2	96.6

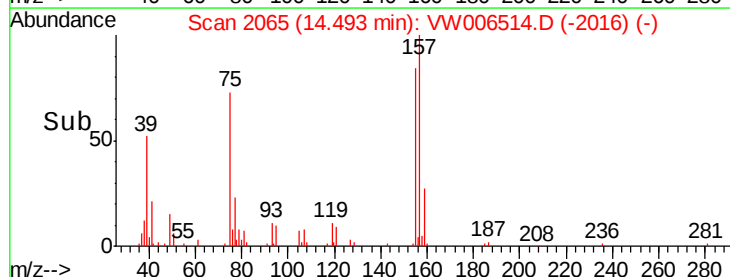
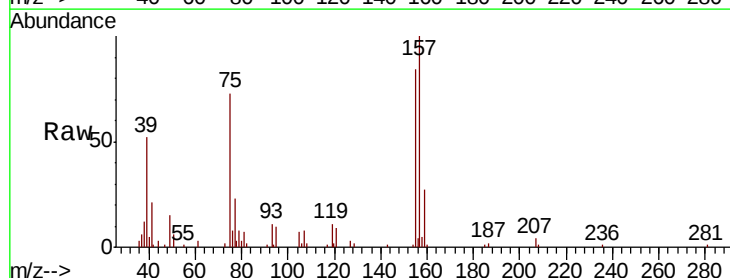
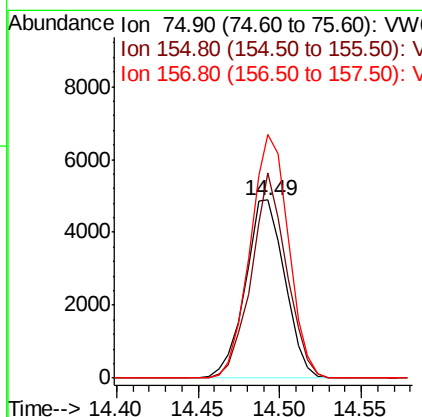
Manual Integrations
 APPROVED

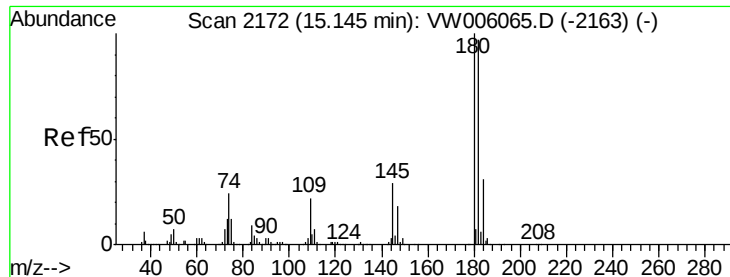
MMDadoda
 10/31/2018 12:31:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 115.611 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.4	46.5	139.5
157	132.3	59.8	179.4





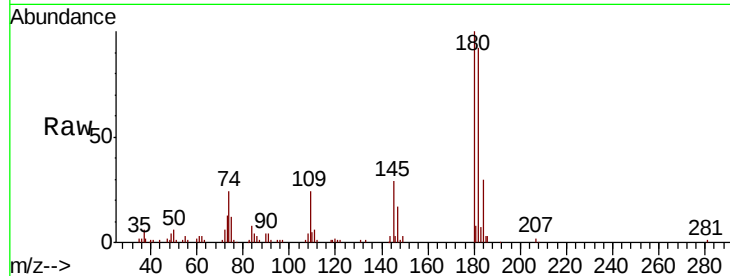
#93
 1,2,4-Trichlorobenzene
 Concen: 36.367 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Instrument :
 MSVOA_W
 ClientSampleId :
 DL-03AMS

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.9	143.6
145	28.5	14.2	42.8

Manual Integrations
 APPROVED

MMDadoda
 10/31/2018 12:31:35 PM

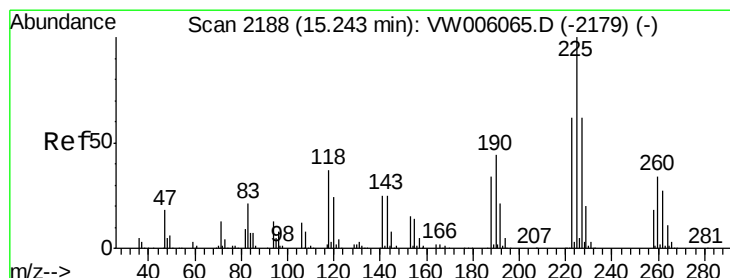
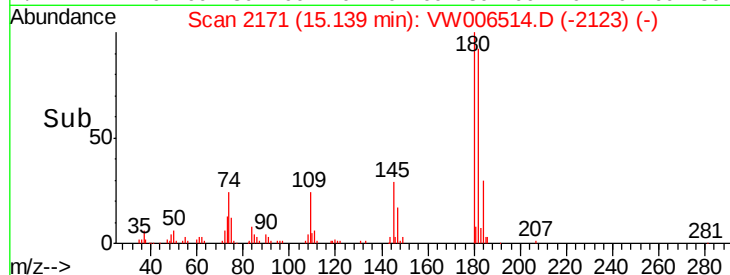
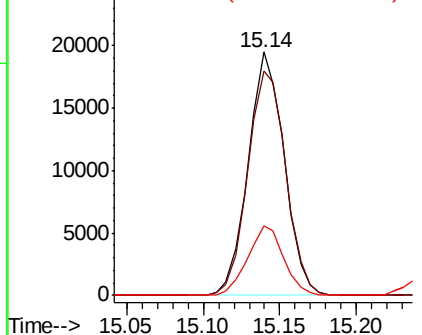


Abundance

Ion 179.80 (179.50 to 180.50): V

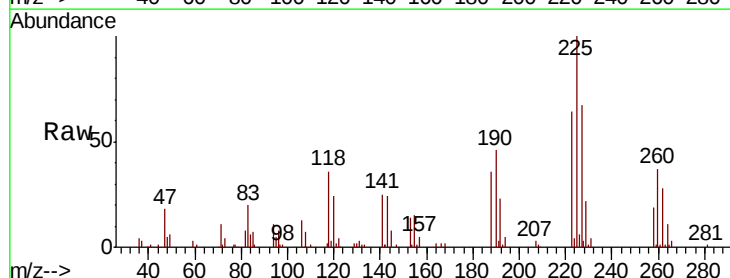
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 49.188 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW006514.D
 Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	31.1	93.5
227	63.5	32.4	97.0

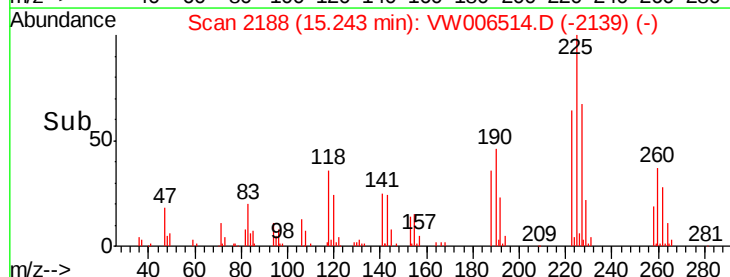
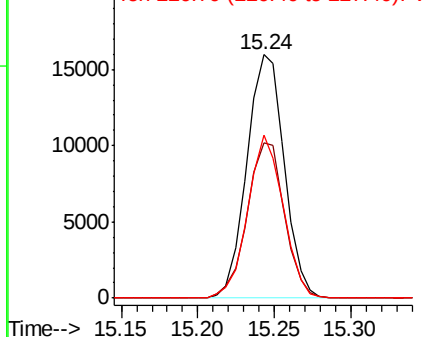


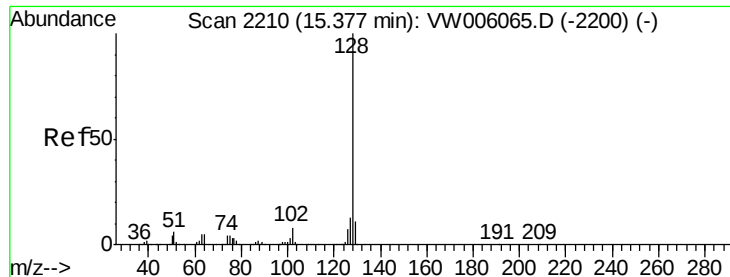
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





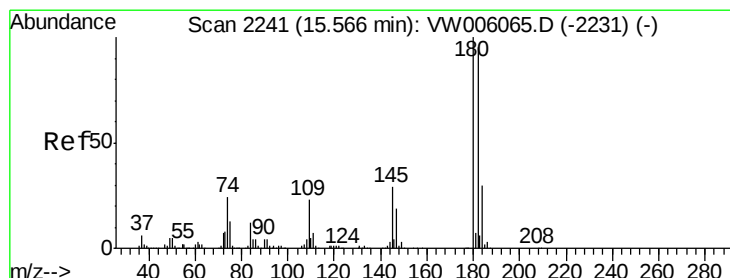
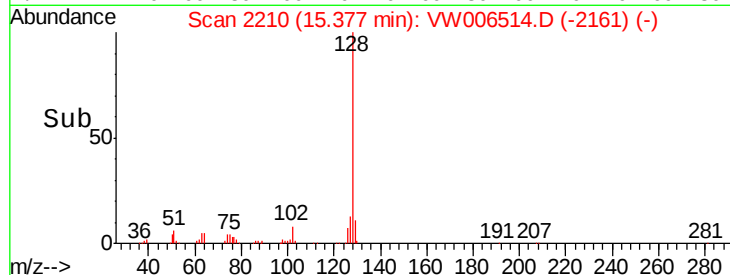
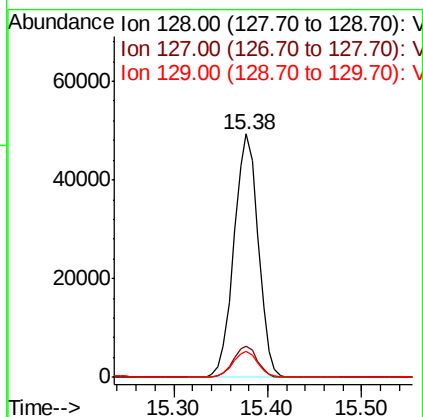
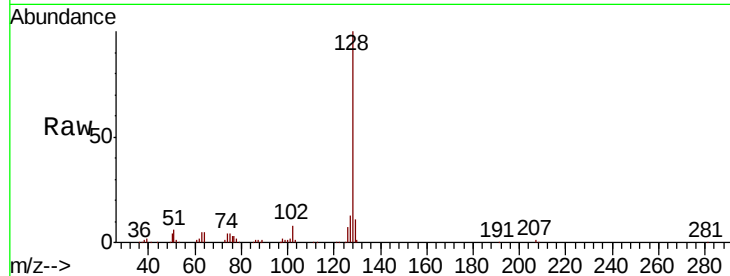
#95
Naphthalene
Concen: 60.441 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Instrument :
MSVOA_W
ClientSampleId :
DL-03AMS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/31/2018 12:31:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 43.520 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW006514.D
Acq: 30 Oct 2018 20:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	47.8	143.3
145	30.8	15.0	45.1

