

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007375.D
 Acq On : 11 Dec 2018 00:57
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:50 PM

Quant Time: Dec 11 02:00:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	57146	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	90979	107.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.32%	
35) Dibromofluoromethane	7.88	113	86264	100.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.20%	
50) Toluene-d8	10.32	98	328865	89.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.14%	
62) 4-Bromofluorobenzene	12.62	95	111309	80.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	55409	61.712	ug/l	99
3) Chloromethane	2.22	50	50045	45.623	ug/l	99
4) Vinyl Chloride	2.37	62	59677	82.155	ug/l	98
5) Bromomethane	2.78	94	40248	105.852	ug/l	93
6) Chloroethane	2.93	64	33015	80.623	ug/l	97
7) Trichlorofluoromethane	3.26	101	56169	42.396	ug/l	96
8) Diethyl Ether	3.68	74	39848	95.714	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	85650	96.018	ug/l	98
10) Methyl Iodide	4.26	142	146063	165.612	ug/l	99
11) Tert butyl alcohol	5.17	59	31297	336.015	ug/l	97
12) 1,1-Dichloroethene	4.03	96	84012	99.873	ug/l	96
13) Acrolein	3.89	56	18431	337.492	ug/l	98
14) Allyl chloride	4.66	41	125103	94.335	ug/l	98
15) Acrylonitrile	5.37	53	85240	497.274	ug/l	98
16) Acetone	4.12	43	77938	423.136	ug/l	95
17) Carbon Disulfide	4.37	76	256835	94.597	ug/l	99
18) Methyl Acetate	4.67	43	41643	94.222	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	124799	67.513	ug/l	98
20) Methylene Chloride	4.91	84	87613	77.025	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	93917	100.007	ug/l	99
22) Diisopropyl ether	6.31	45	237434	98.976	ug/l	96
23) Vinyl Acetate	6.26	43	683110	519.528	ug/l	98
24) 1,1-Dichloroethane	6.21	63	158327	101.538	ug/l	99
25) 2-Butanone	7.17	43	106090	479.818	ug/l	100
26) 2,2-Dichloropropane	7.17	77	101945	72.007	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	102434	101.184	ug/l	98
28) Bromochloromethane	7.51	49	57084	100.028	ug/l #	99
29) Tetrahydrofuran	7.53	42	68138	493.177	ug/l	99
30) Chloroform	7.67	83	172736	105.553	ug/l	100
31) Cyclohexane	7.95	56	137970	86.941	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	154256	101.995	ug/l	100
36) 1,1-Dichloropropene	8.08	75	131509	92.734	ug/l	99
37) Ethyl Acetate	7.25	43	47961	93.443	ug/l	98
38) Carbon Tetrachloride	8.07	117	147601	100.347	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007375.D
 Acq On : 11 Dec 2018 00:57
 Operator : SY/AP
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:50 PM

Quant Time: Dec 11 02:00:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 01:34:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	163151	86.889	ug/l	93
40) Benzene	8.32	78	368093	93.971	ug/l	100
41) Methacrylonitrile	7.48	41	29076	94.947	ug/l	98
42) 1,2-Dichloroethane	8.40	62	114811	102.416	ug/l	99
43) Isopropyl Acetate	8.43	43	97154	96.632	ug/l	99
44) Trichloroethene	9.09	130	105228	95.933	ug/l	96
45) 1,2-Dichloropropane	9.37	63	85562	93.769	ug/l	99
46) Dibromomethane	9.46	93	48696	101.226	ug/l	96
47) Bromodichloromethane	9.65	83	128889	101.761	ug/l	94
48) Methyl methacrylate	9.44	41	48131	93.120	ug/l	95
49) 1,4-Dioxane	9.45	88	16445	1988.040	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	236134	482.687	ug/l	98
52) Toluene	10.39	92	236567	87.645	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	125352	99.792	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	147373	100.326	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	64747	95.398	ug/l	96
56) Ethyl methacrylate	10.65	69	78458	90.275	ug/l	98
57) 1,3-Dichloropropane	10.93	76	108687	95.502	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	193110	529.061	ug/l	100
59) 2-Hexanone	10.97	43	148325	425.696	ug/l	96
60) Dibromochloromethane	11.13	129	81057	96.622	ug/l	96
61) 1,2-Dibromoethane	11.24	107	65638	101.504	ug/l	91
64) Tetrachloroethene	10.87	164	86814	101.909	ug/l	92
65) Chlorobenzene	11.66	112	257220	99.157	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.73	131	88157	107.652	ug/l	98
67) Ethyl Benzene	11.73	91	433372	91.848	ug/l	91
68) m/p-Xylenes	11.84	106	334516	181.839	ug/l	96
69) o-Xylene	12.17	106	157774	91.044	ug/l	92
70) Styrene	12.18	104	262445	93.237	ug/l	98
71) Bromoform	12.35	173	45705	111.788	ug/l #	98
73) Isopropylbenzene	12.47	105	466986	102.169	ug/l	99
74) N-amyl acetate	12.28	43	87658	108.842	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	63942	104.324	ug/l	90
76) 1,2,3-Trichloropropane	12.77	75	53039m	113.854	ug/l	
77) Bromobenzene	12.74	156	101345	100.993	ug/l	94
78) n-propylbenzene	12.81	91	498340	90.783	ug/l	95
79) 2-Chlorotoluene	12.90	91	317388	101.914	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	367986	94.024	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	21393	105.567	ug/l	98
82) 4-Chlorotoluene	12.99	91	325706	98.285	ug/l	99
83) tert-Butylbenzene	13.21	119	330292	95.597	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	379358	94.721	ug/l	99
85) sec-Butylbenzene	13.39	105	473933	97.313	ug/l	93
86) p-Isopropyltoluene	13.51	119	404998	92.467	ug/l	98
87) 1,3-Dichlorobenzene	13.51	146	187065	91.192	ug/l	94
88) 1,4-Dichlorobenzene	13.58	146	200766	97.869	ug/l	95
89) n-Butylbenzene	13.83	91	385317	94.687	ug/l	99
90) Hexachloroethane	14.10	117	76457	113.341	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	169566	96.215	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12952	109.171	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
Data File : VW007375.D
Acq On : 11 Dec 2018 00:57
Operator : SY/AP
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

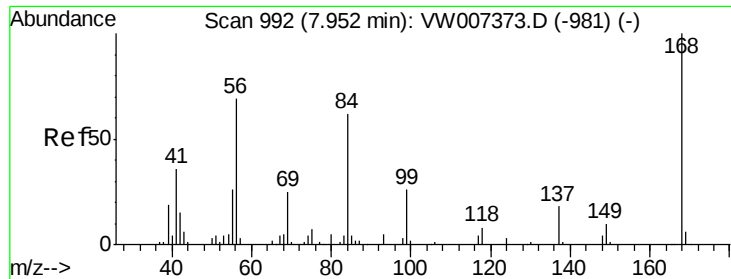
Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM

Quant Time: Dec 11 02:00:21 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 01:34:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	123896	101.422	ug/l	95
94) Hexachlorobutadiene	15.24	225	65182	98.734	ug/l	98
95) Naphthalene	15.38	128	237560	106.871	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	105678	101.041	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion:168 Resp: 87175

Ion Ratio Lower Upper

168 100

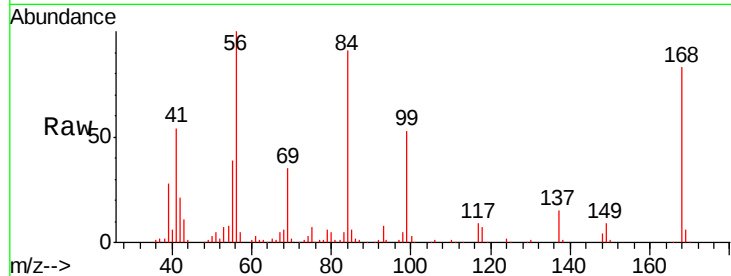
99 63.4 48.3 72.5

Manual Integrations

APPROVED

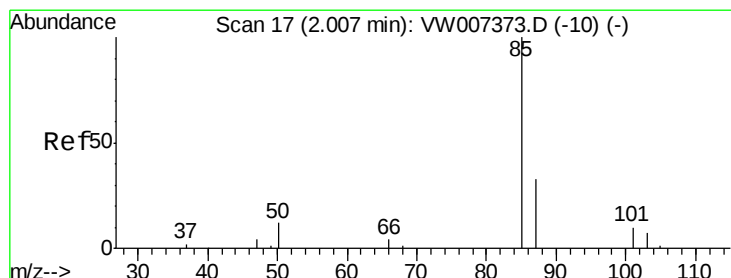
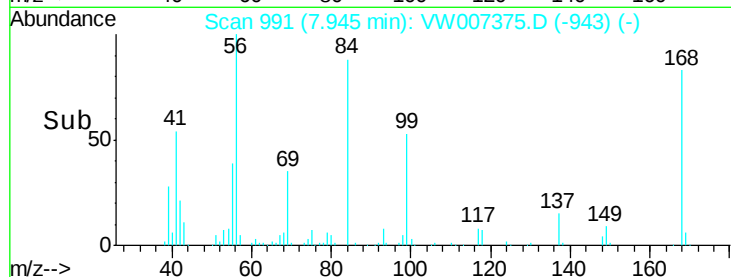
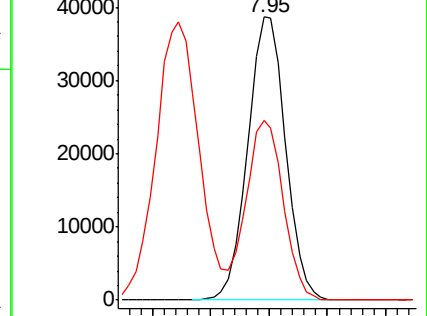
MMDadoda

12/11/2018 4:55:50 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 61.712 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007375.D

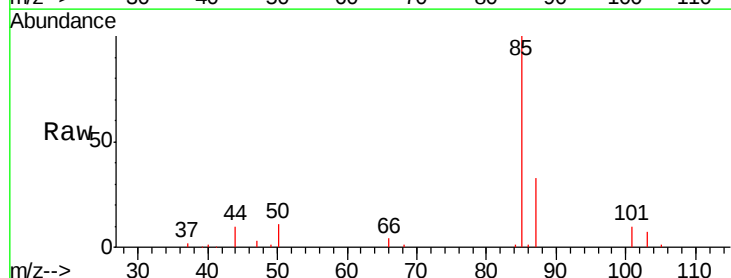
Acq: 11 Dec 2018 00:57

Tgt Ion: 85 Resp: 55409

Ion Ratio Lower Upper

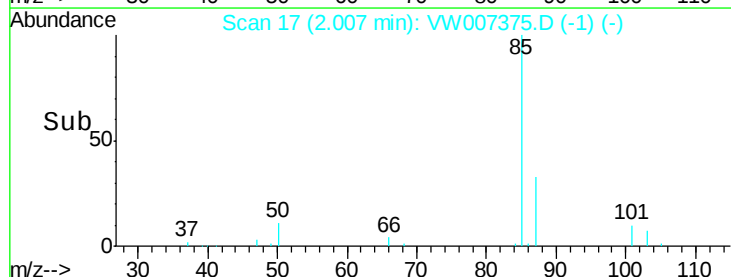
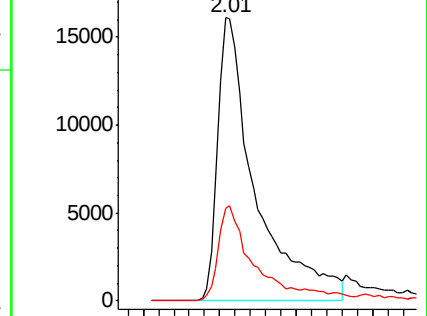
85 100

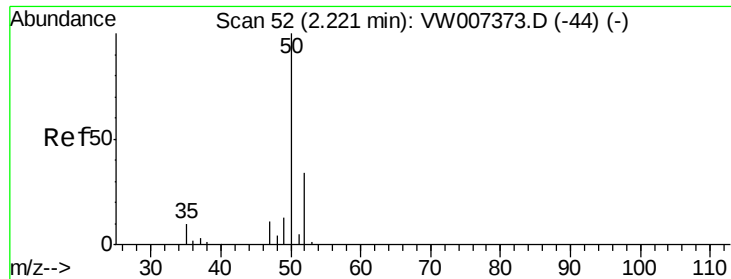
87 32.7 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 45.623 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 50 Resp: 50045

Ion Ratio Lower Upper

50 100

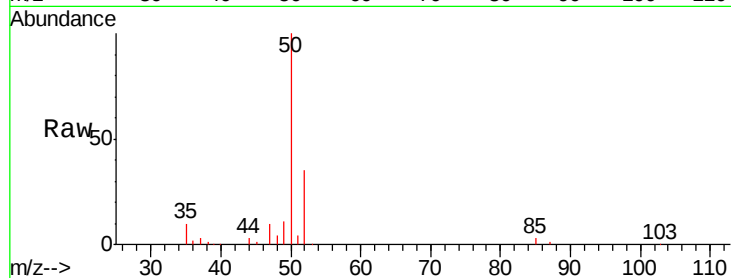
52 34.9 27.4 41.0

Manual Integrations

APPROVED

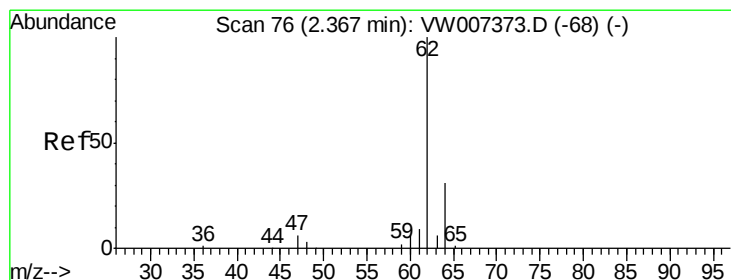
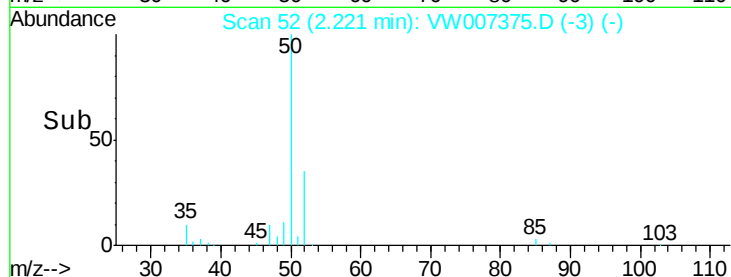
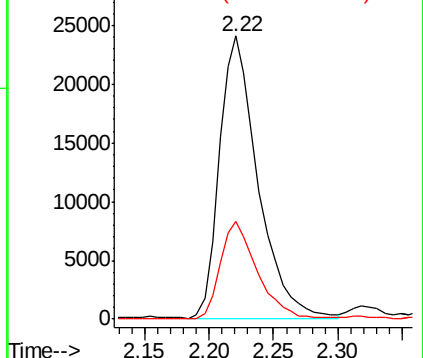
MMDadoda

12/11/2018 4:55:50 PM



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 82.155 ug/l

RT: 2.37 min Scan# 77

Delta R.T. 0.01 min

Lab File: VW007375.D

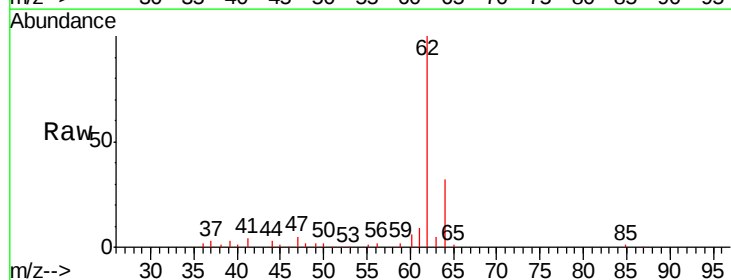
Acq: 11 Dec 2018 00:57

Tgt Ion: 62 Resp: 59677

Ion Ratio Lower Upper

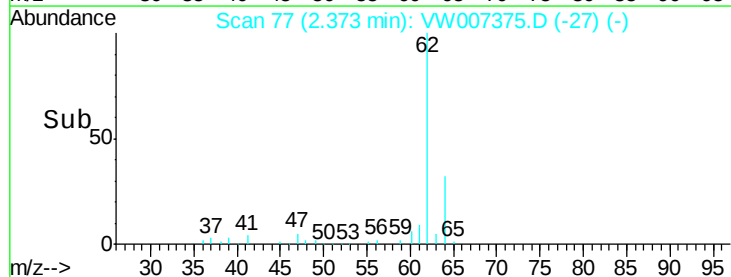
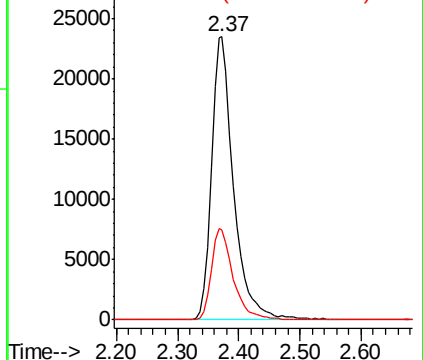
62 100

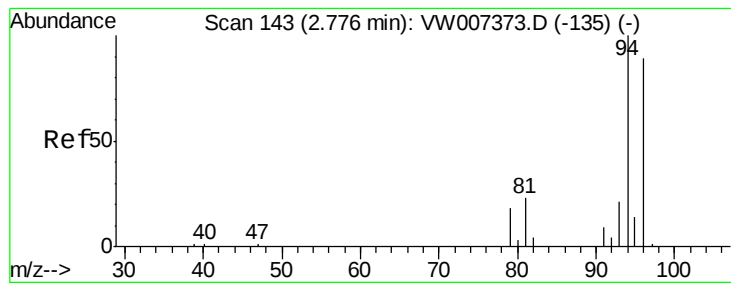
64 31.6 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 105.852 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 94 Resp: 40248

Ion Ratio Lower Upper

94 100

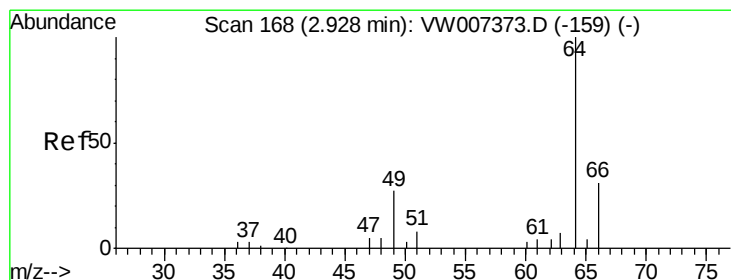
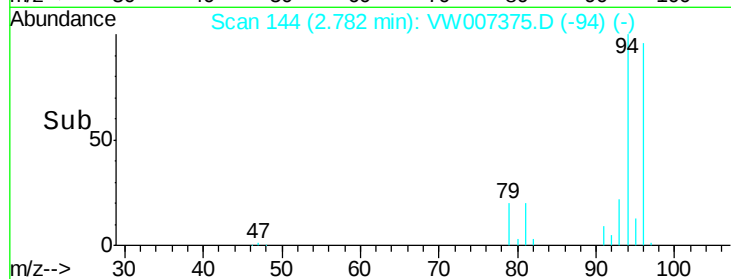
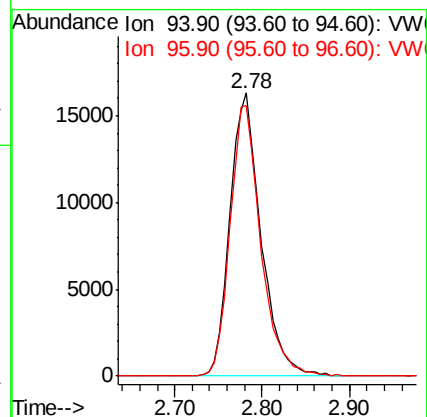
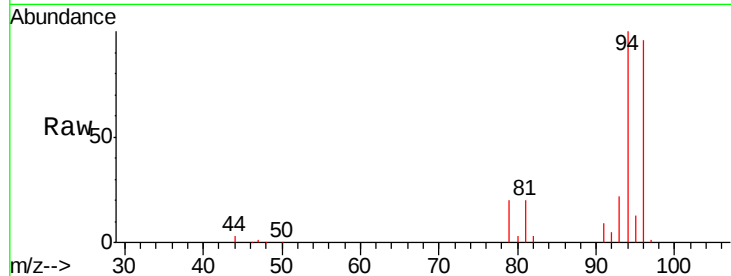
96 95.5 71.0 106.4

Manual Integrations

APPROVED

MMDadoda

12/11/2018 4:55:50 PM



#6

Chloroethane

Concen: 80.623 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007375.D

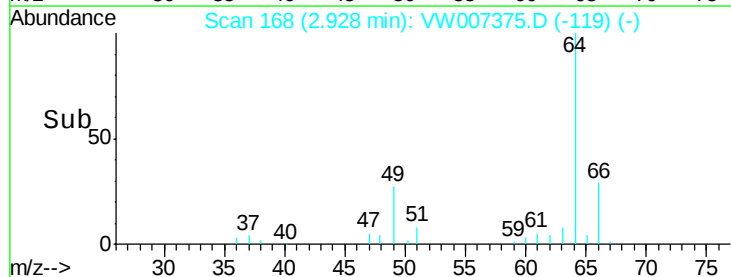
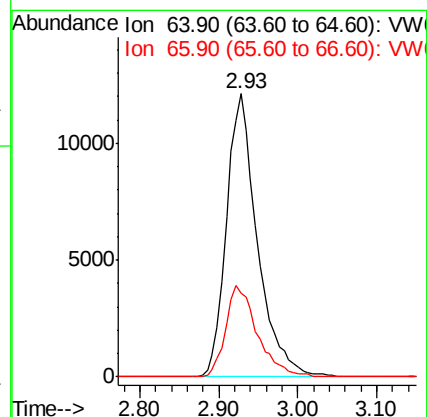
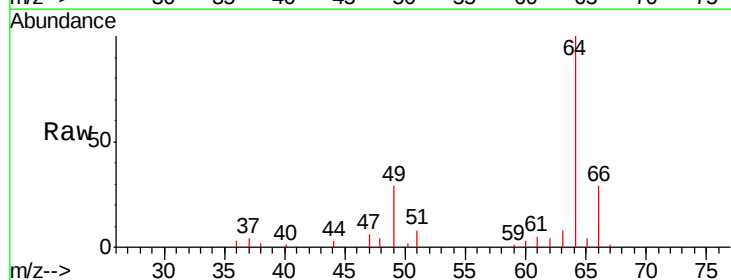
Acq: 11 Dec 2018 00:57

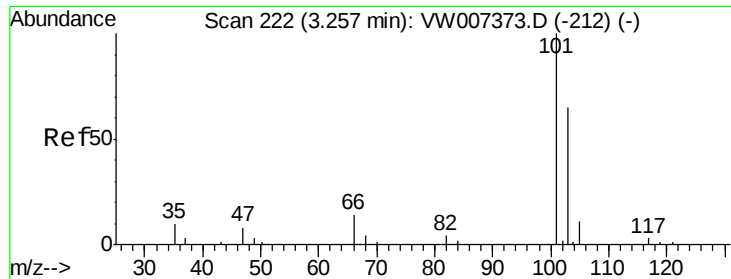
Tgt Ion: 64 Resp: 33015

Ion Ratio Lower Upper

64 100

66 29.4 24.6 37.0





#7

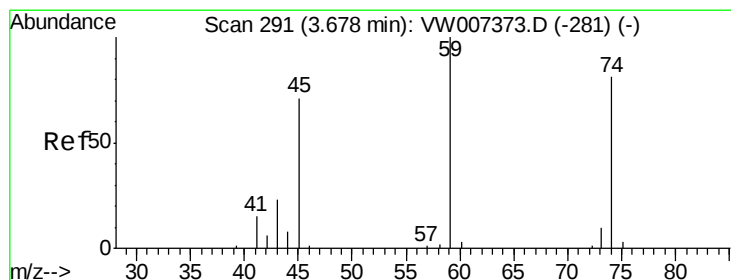
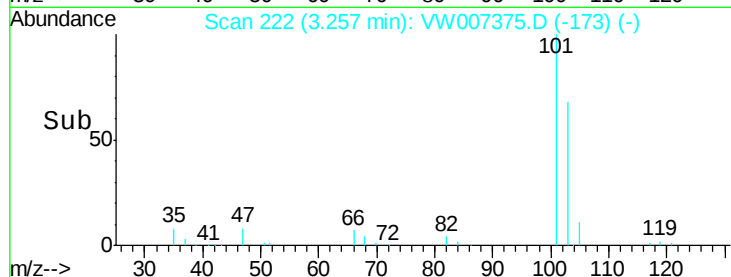
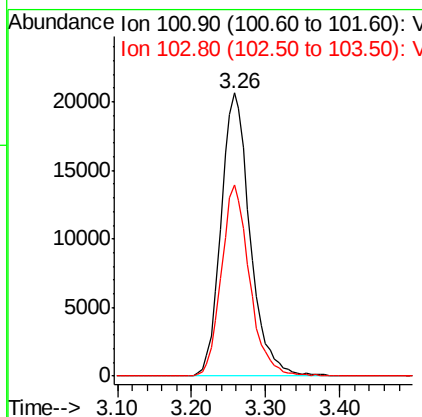
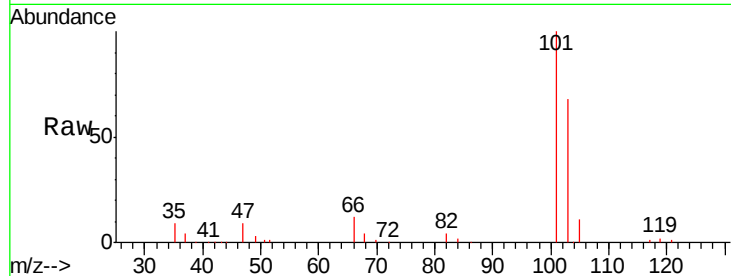
Trichlorofluoromethane
 Concen: 42.396 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 101 Resp: 56169
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.7 77.5

Manual Integrations
 APPROVED

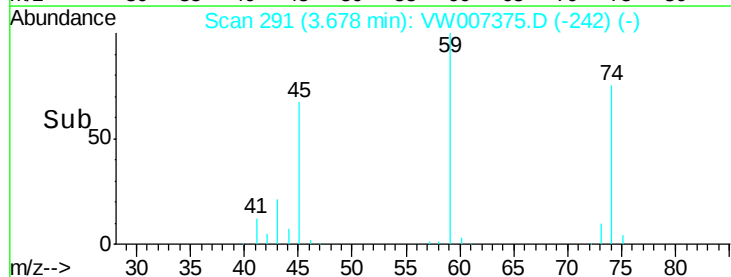
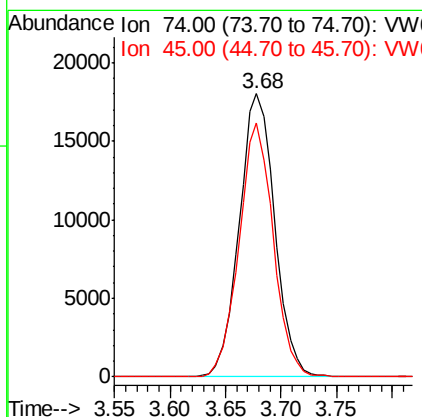
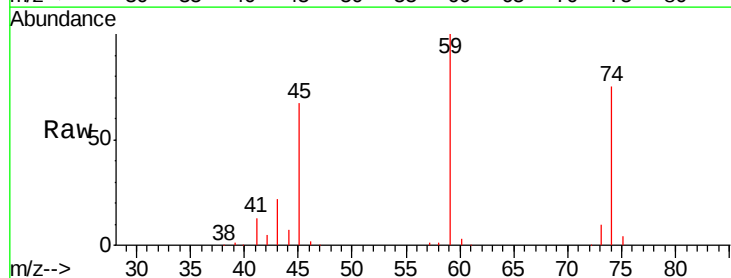
MMDadoda
 12/11/2018 4:55:50 PM

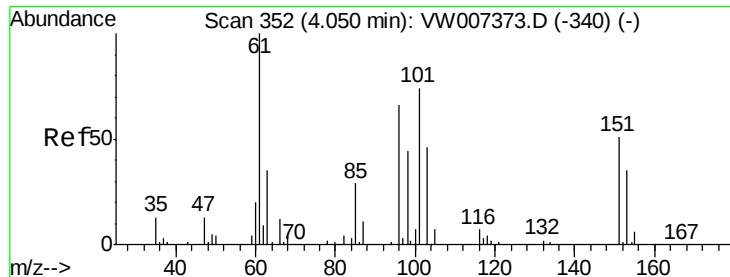


#8

Diethyl Ether
 Concen: 95.714 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 74 Resp: 39848
 Ion Ratio Lower Upper
 74 100
 45 86.6 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 96.018 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

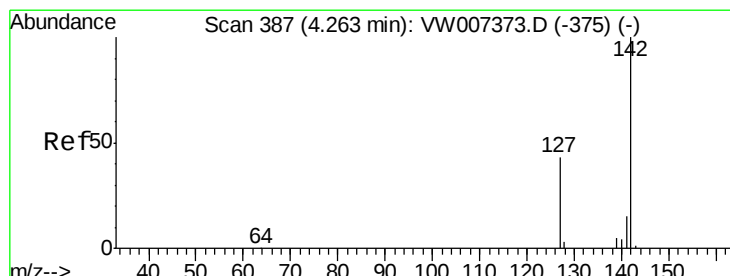
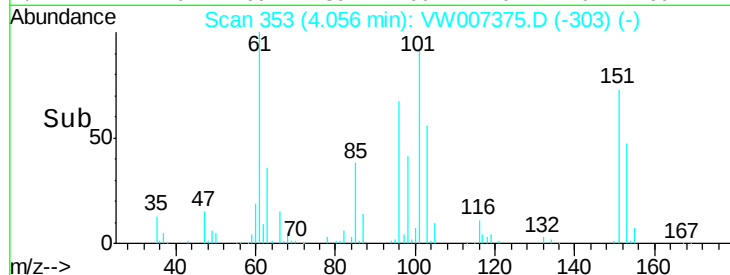
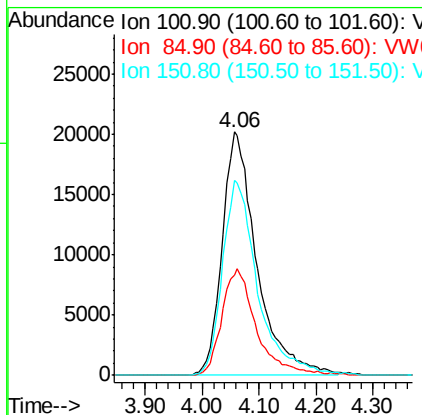
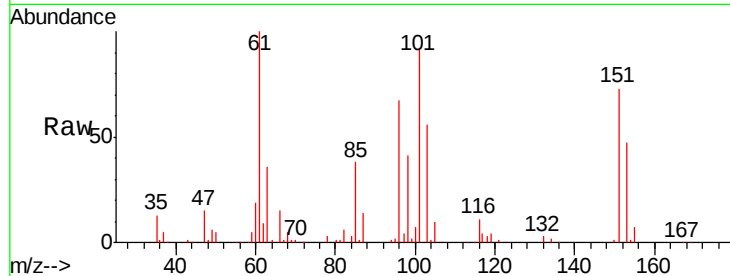
ClientSampleId :

VSTDIC100

Tgt Ion:	101	Resp:	85650
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	81.7	63.7	95.5

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM



#10

Methyl Iodide

Concen: 165.612 ug/l

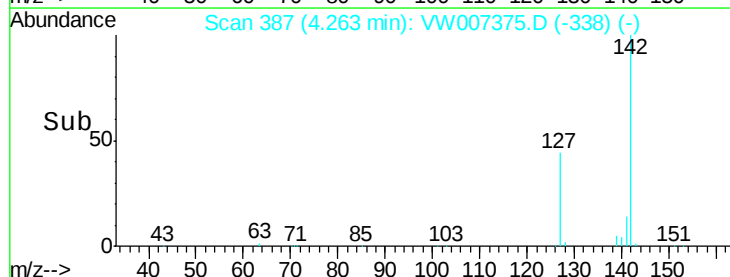
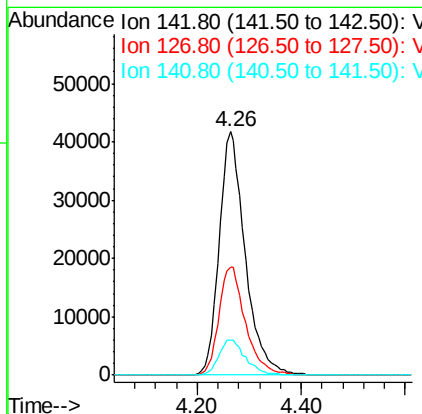
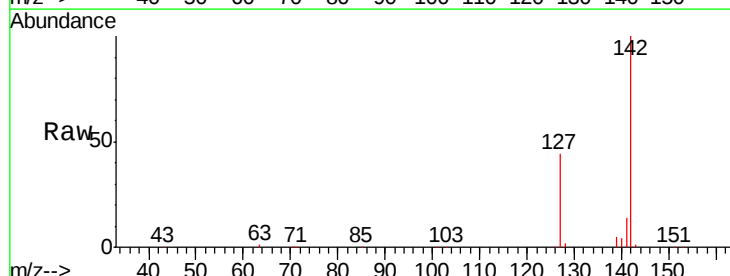
RT: 4.26 min Scan# 387

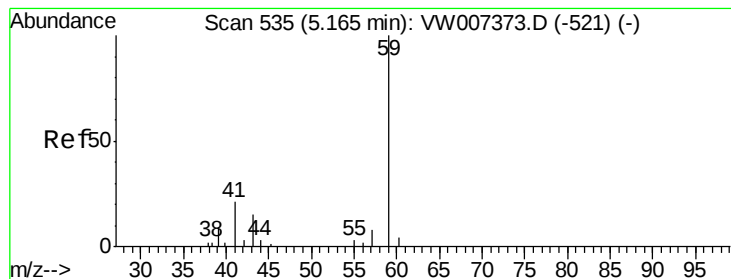
Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion:	142	Resp:	146063
Ion Ratio	Lower	Upper	
142	100		
127	45.5	35.8	53.6
141	14.9	11.1	16.7





#11

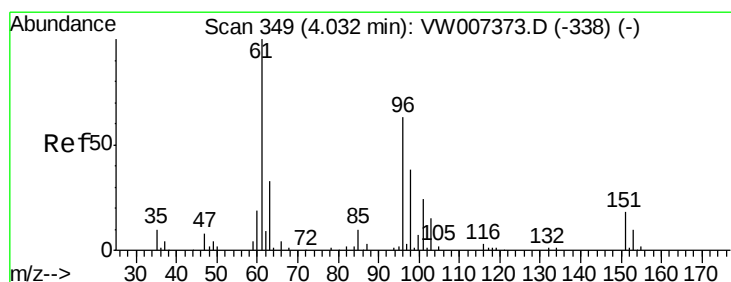
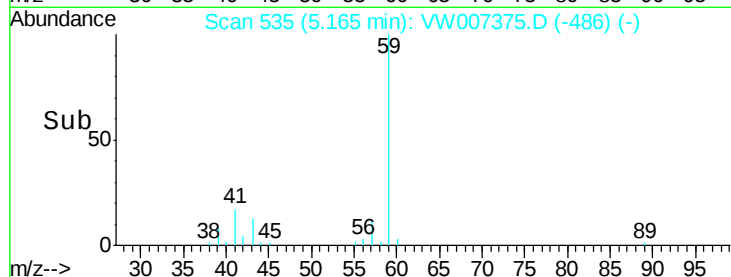
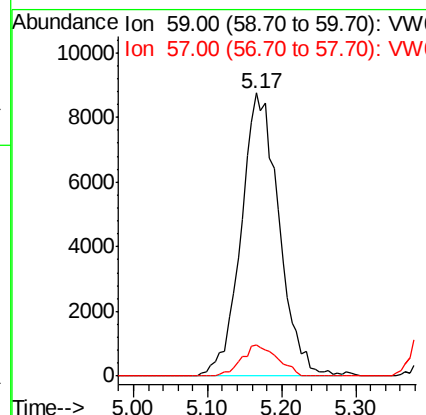
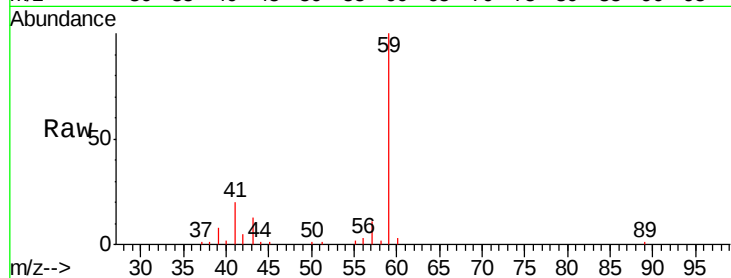
Tert butyl alcohol
Concen: 336.015 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 31297
Ion Ratio Lower Upper
59 100
57 10.4 7.6 11.4

Manual Integrations
APPROVED

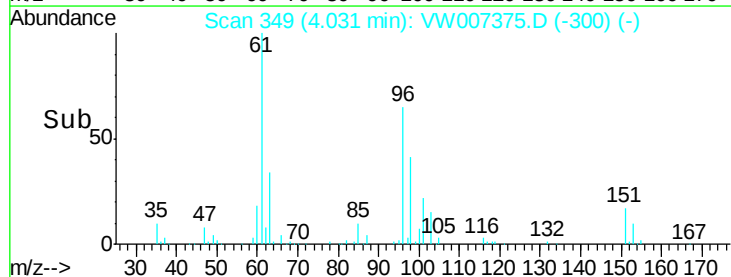
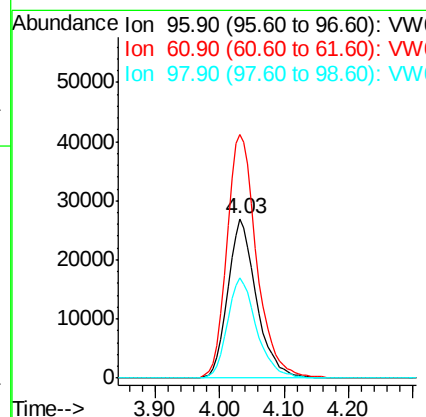
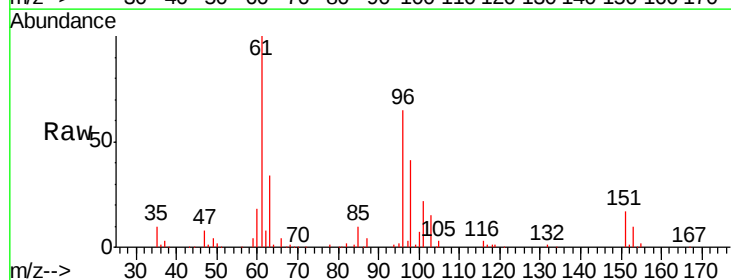
MMDadoda
12/11/2018 4:55:50 PM

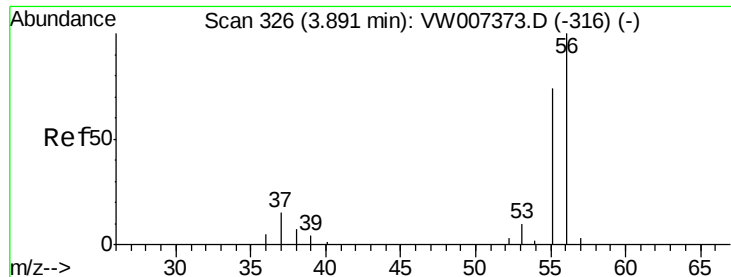


#12

1,1-Dichloroethene
Concen: 99.873 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 96 Resp: 84012
Ion Ratio Lower Upper
96 100
61 153.0 126.2 189.2
98 62.9 48.3 72.5





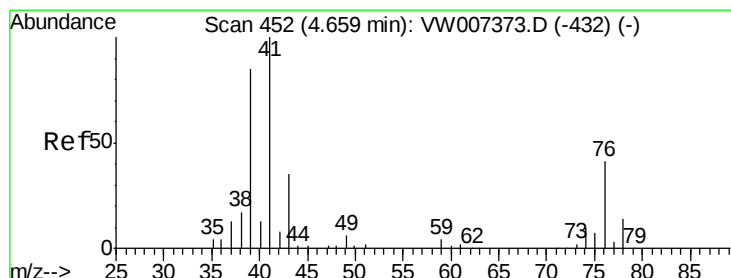
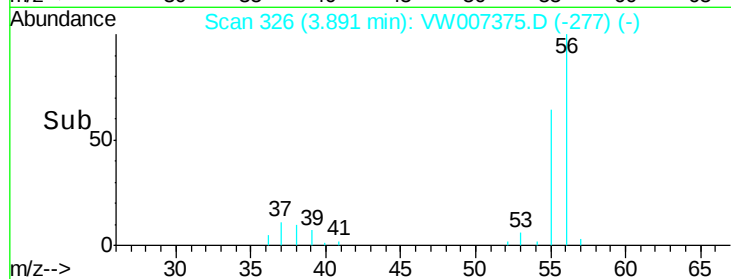
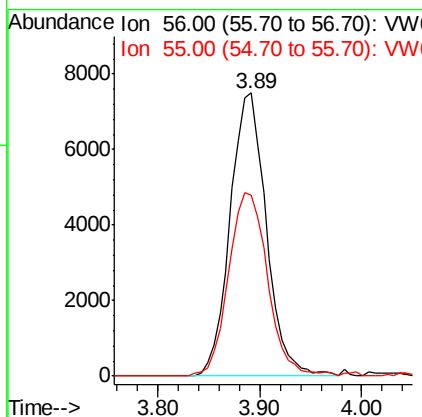
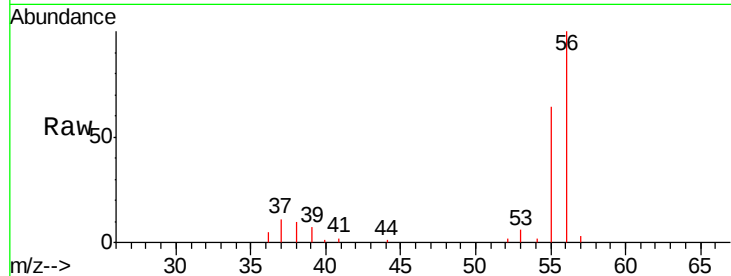
#13
Acrolein
Concen: 337.492 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 56 Resp: 18431
Ion Ratio Lower Upper
56 100
55 70.2 57.4 86.2

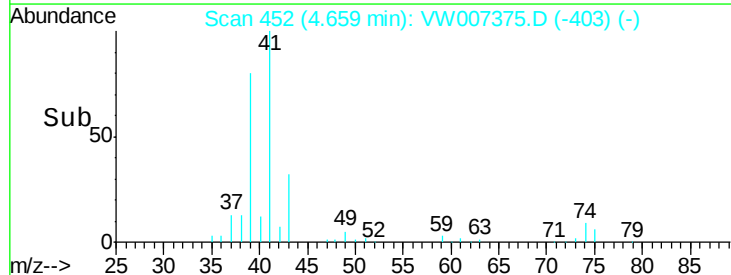
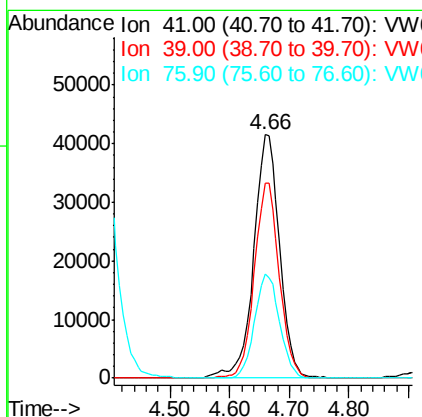
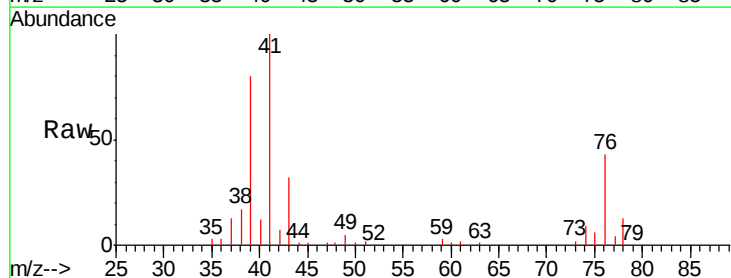
Manual Integrations
APPROVED

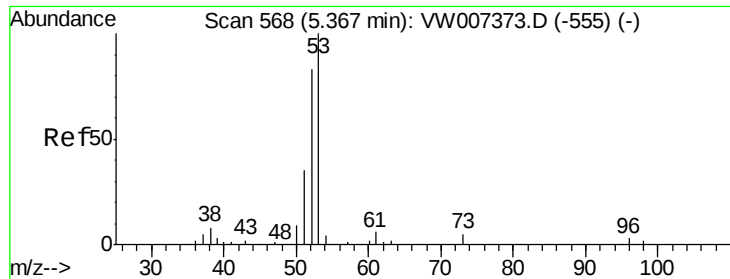
MMDadoda
12/11/2018 4:55:50 PM



#14
Allyl chloride
Concen: 94.335 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 41 Resp: 125103
Ion Ratio Lower Upper
41 100
39 77.3 63.4 95.2
76 41.1 32.1 48.1





#15

Acrylonitrile

Concen: 497.274 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

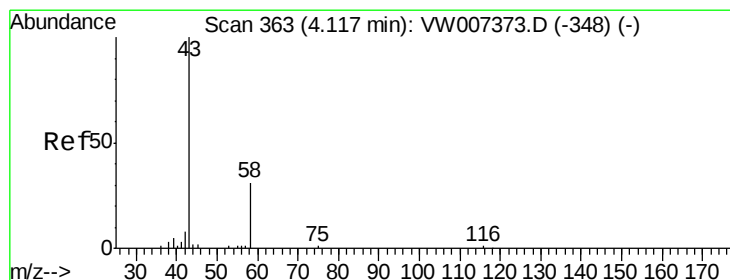
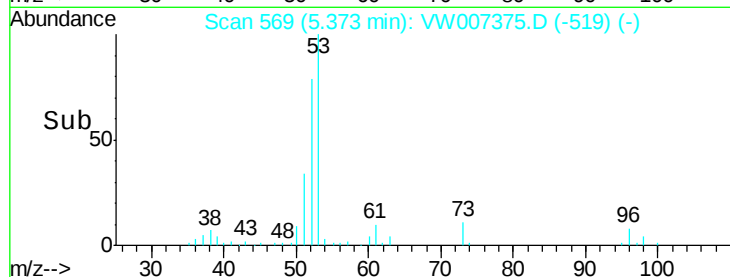
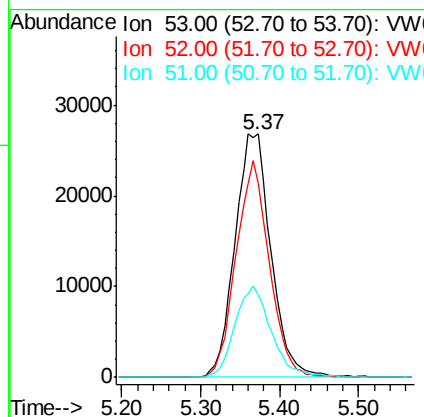
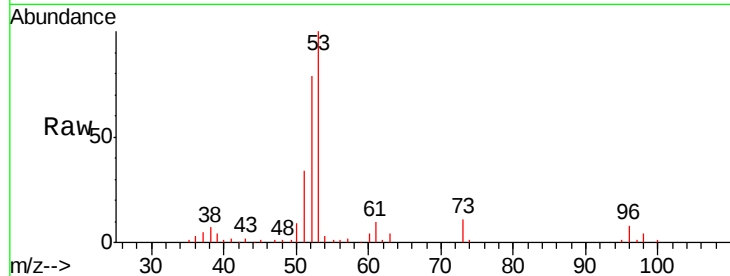
ClientSampleId :

VSTDIC100

Tgt Ion:	53	Resp:	85240
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.4	101.2
51	37.8	30.2	45.2

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM



#16

Acetone

Concen: 423.136 ug/l

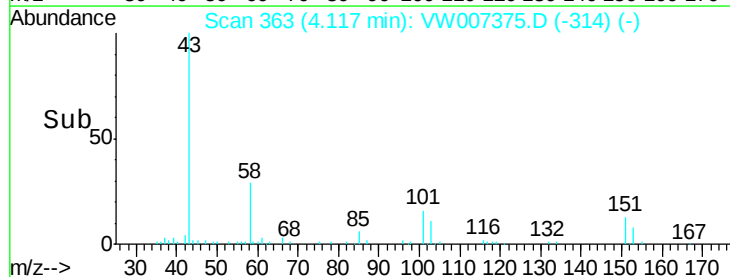
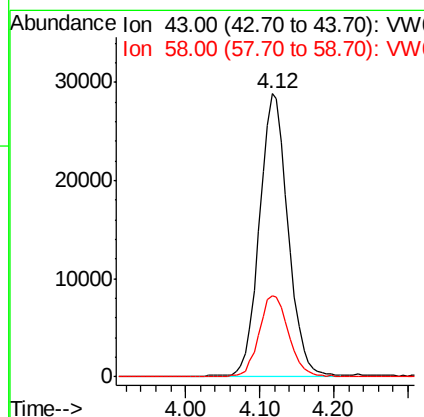
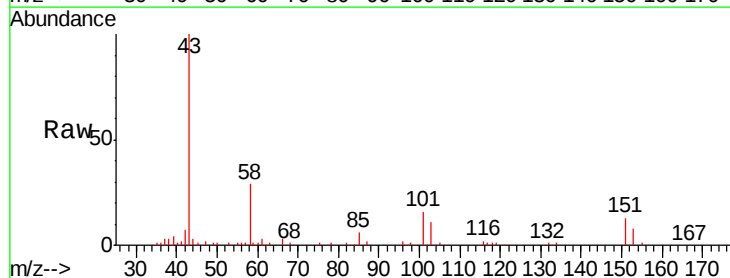
RT: 4.12 min Scan# 363

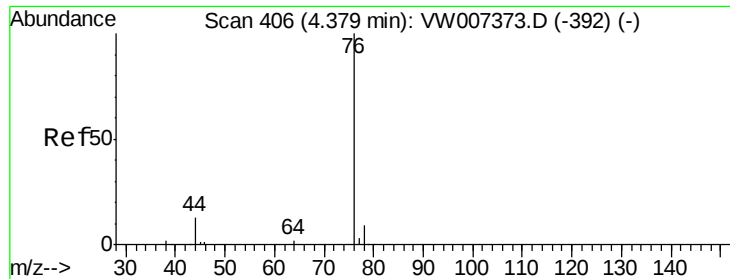
Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion:	43	Resp:	77938
Ion	Ratio	Lower	Upper
43	100		
58	28.6	24.9	37.3





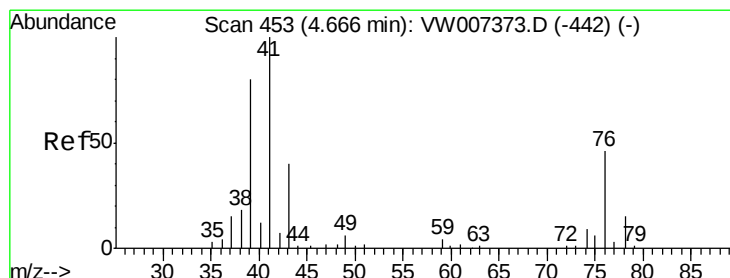
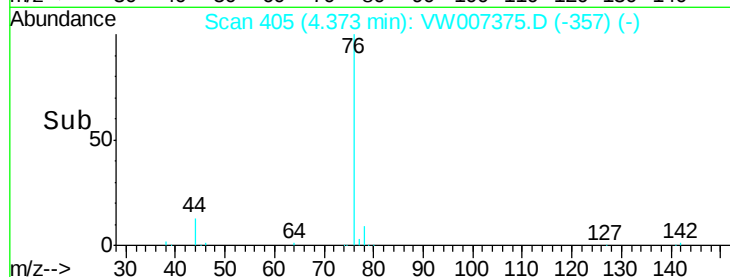
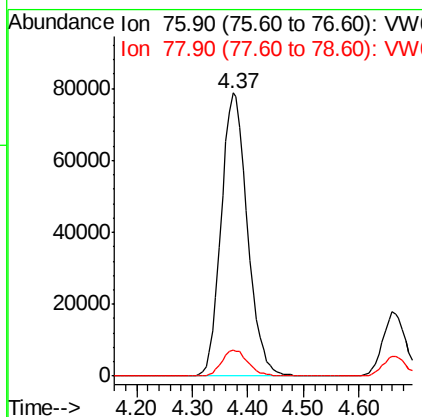
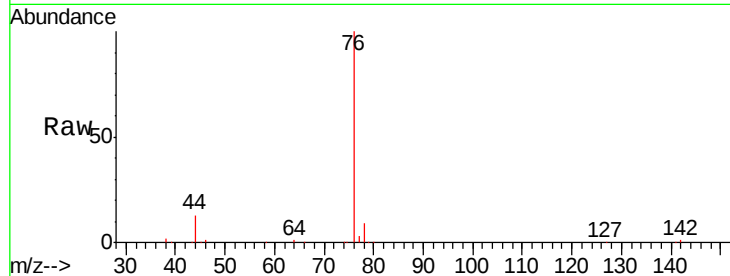
#17
Carbon Disulfide
Concen: 94.597 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 256835
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

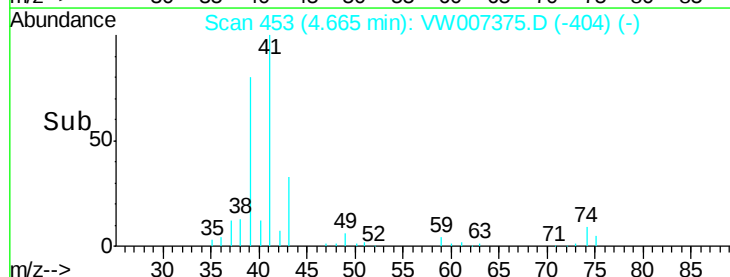
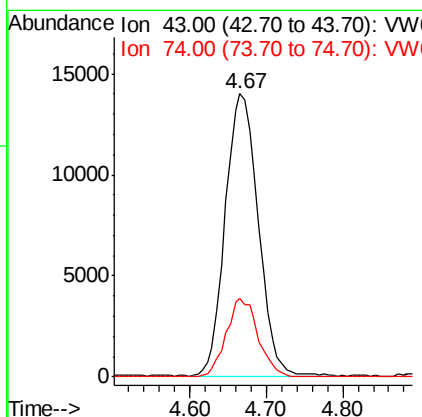
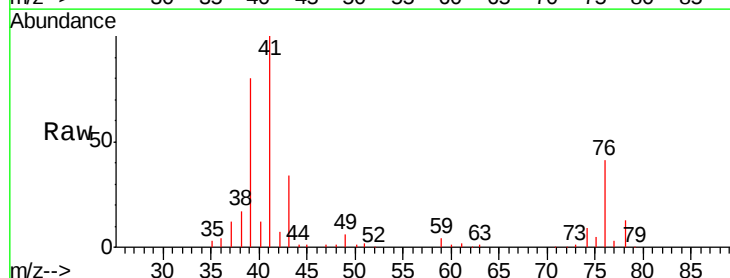
Manual Integrations
APPROVED

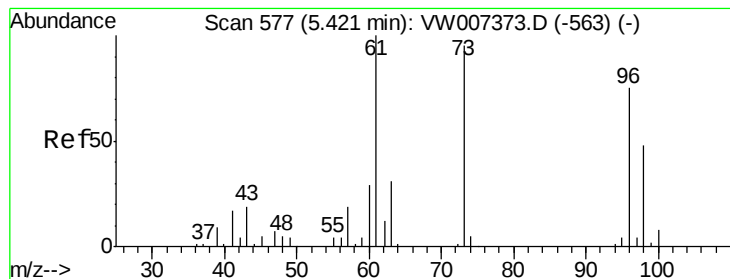
MMDadoda
12/11/2018 4:55:50 PM



#18
Methyl Acetate
Concen: 94.222 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 41643
Ion Ratio Lower Upper
43 100
74 26.9 21.1 31.7





#19

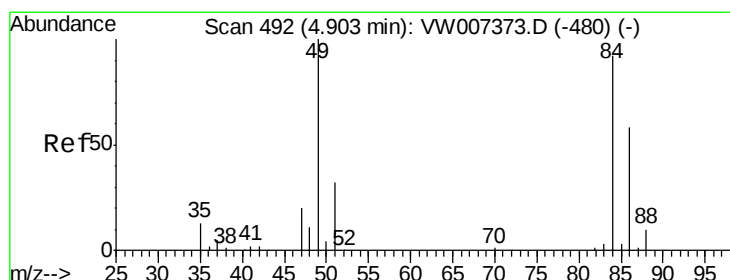
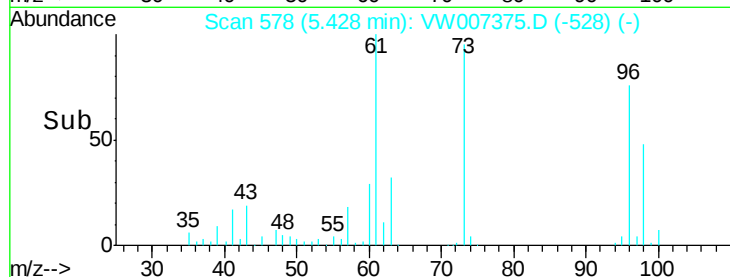
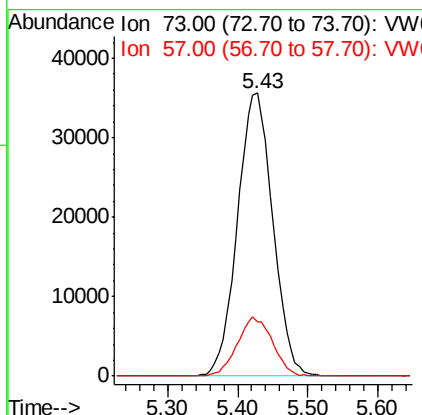
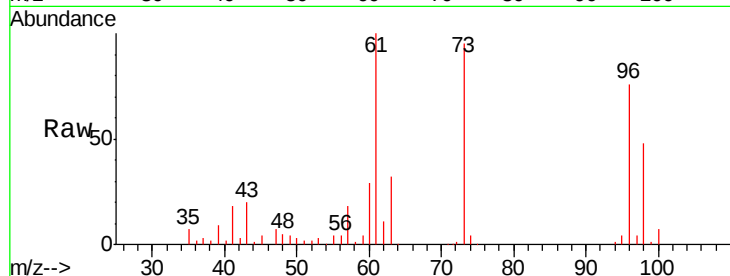
Methyl tert-butyl Ether
Concen: 67.513 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 73 Resp: 124799
Ion Ratio Lower Upper
73 100
57 19.4 16.4 24.6

Manual Integrations
APPROVED

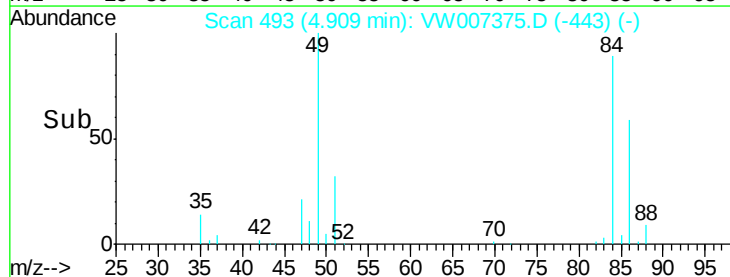
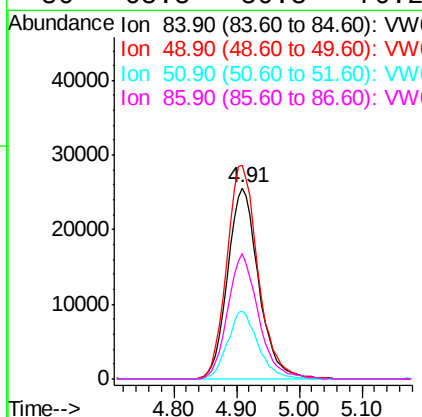
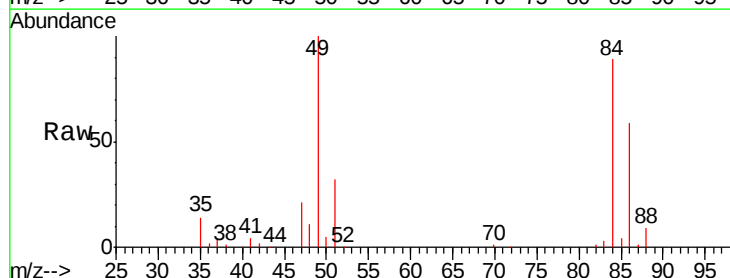
MMDadoda
12/11/2018 4:55:50 PM

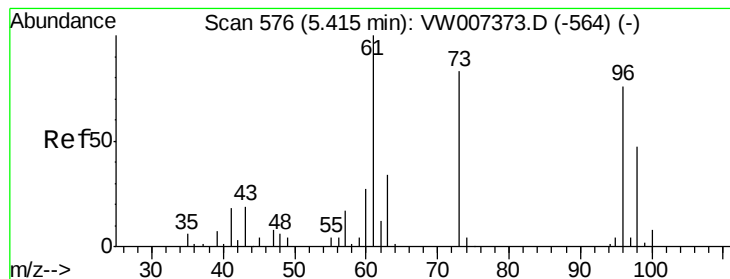


#20

Methylene Chloride
Concen: 77.025 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 84 Resp: 87613
Ion Ratio Lower Upper
84 100
49 111.9 87.1 130.7
51 35.7 28.2 42.2
86 65.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 100.007 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 96 Resp: 93917

Ion Ratio Lower Upper

96 100

61 130.4 105.0 157.6

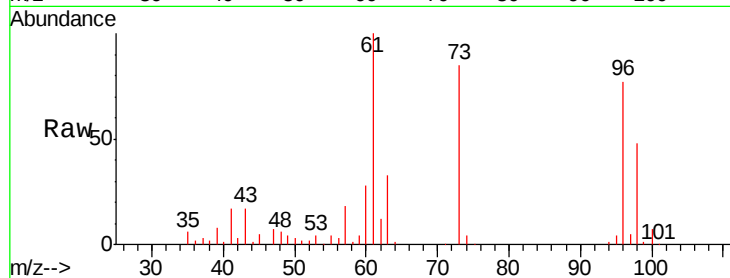
98 62.2 49.7 74.5

Manual Integrations

APPROVED

MMDadoda

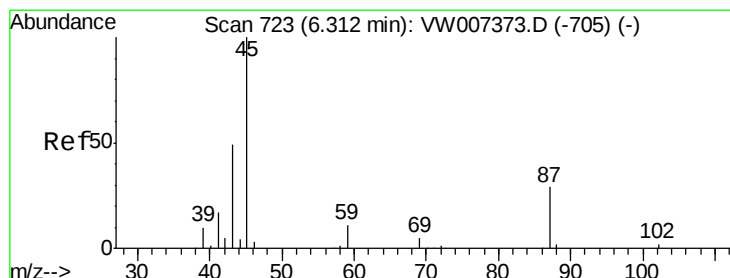
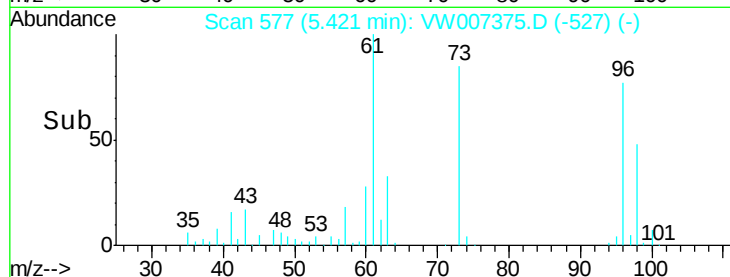
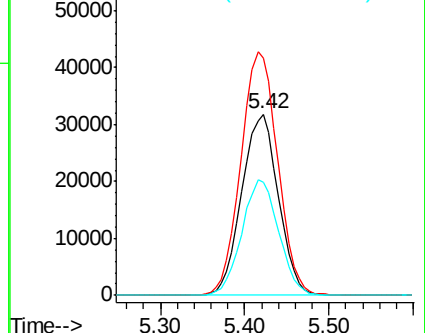
12/11/2018 4:55:50 PM



Abundance Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 98.976 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion: 45 Resp: 237434

Ion Ratio Lower Upper

45 100

43 55.4 41.6 62.4

87 32.2 24.3 36.5

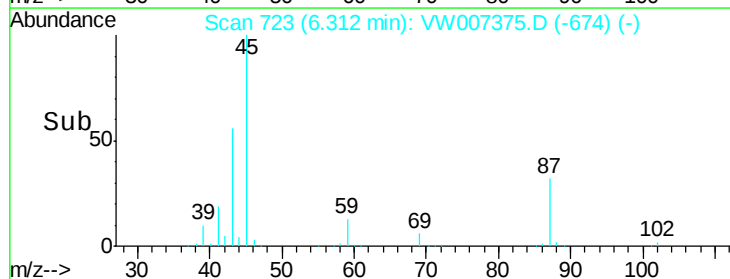
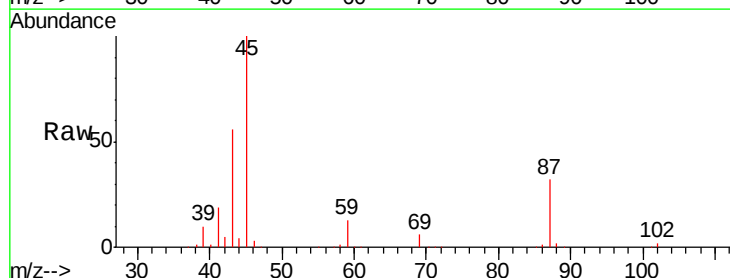
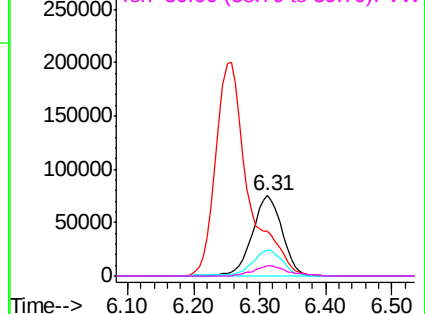
59 12.5 9.4 14.0

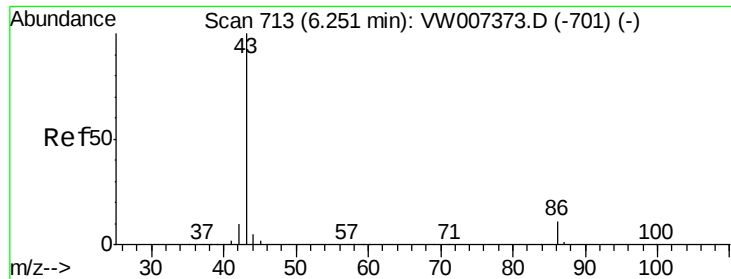
Abundance Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 519.528 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 683110

Ion Ratio Lower Upper

43 100

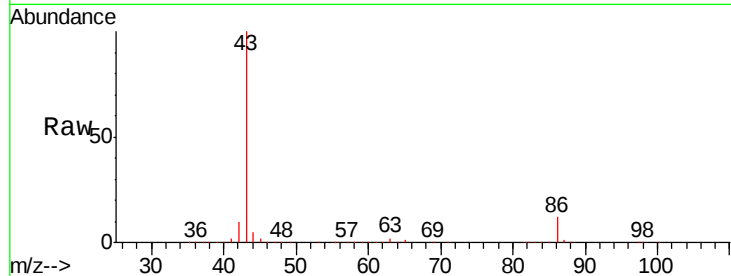
86 11.6 8.6 12.8

Manual Integrations

APPROVED

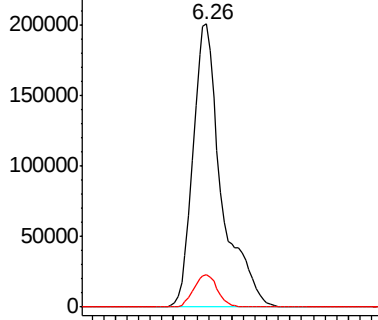
MMDadoda

12/11/2018 4:55:50 PM

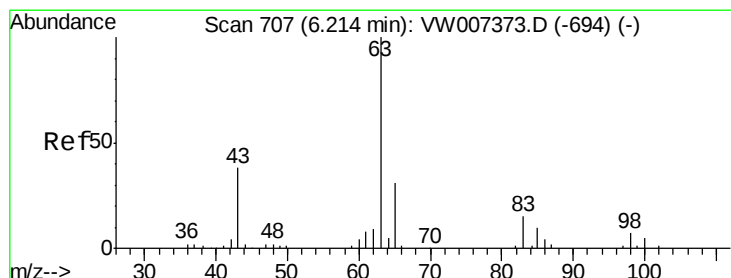
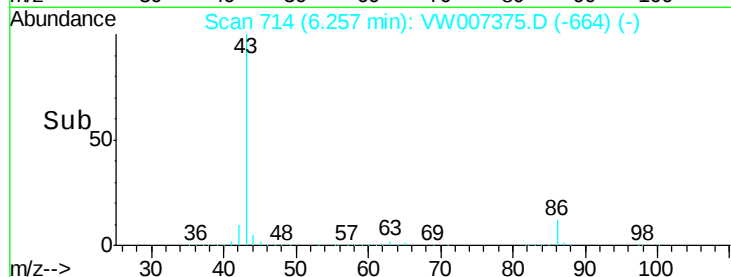


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



Time-->



#24

1,1-Dichloroethane

Concen: 101.538 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

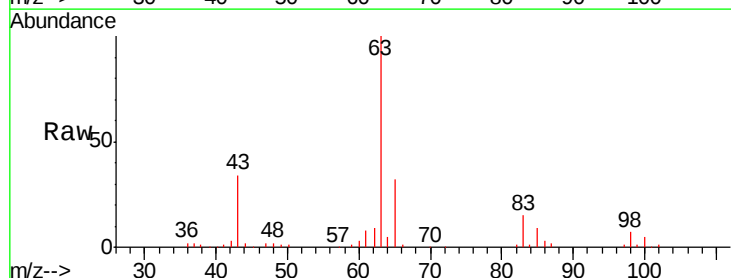
Tgt Ion: 63 Resp: 158327

Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.4

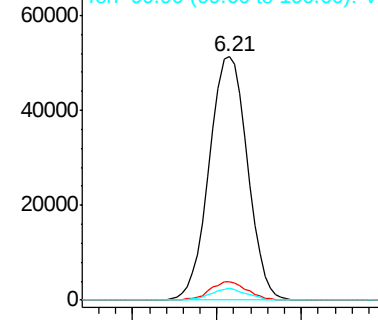
100 4.8 2.5 7.5



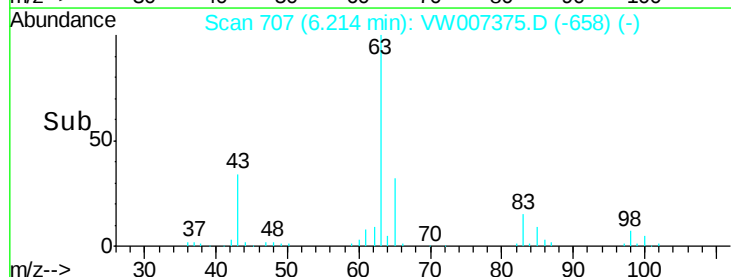
Abundance Ion 62.90 (62.60 to 63.60): VW

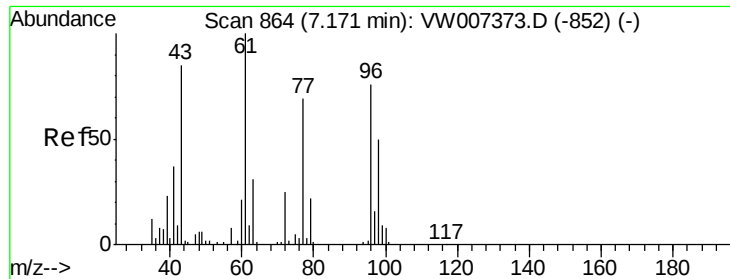
Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW



Time-->





#25

2-Butanone

Concen: 479.818 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 106090

Ion Ratio Lower Upper

43 100

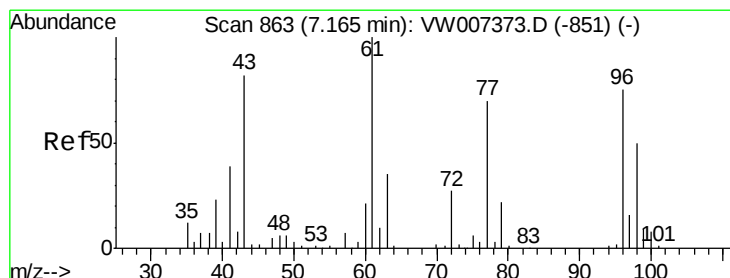
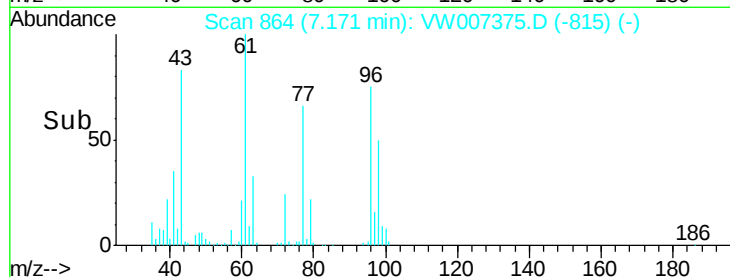
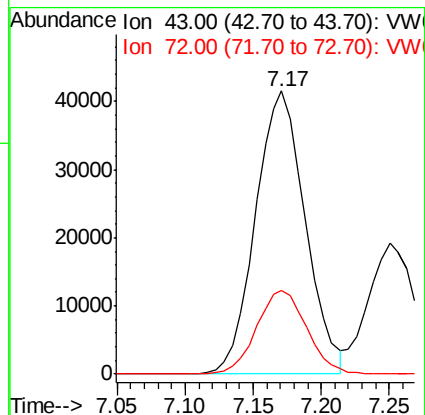
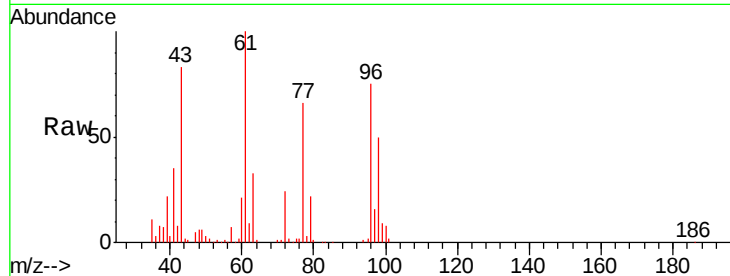
72 29.4 23.4 35.2

Manual Integrations

APPROVED

MMDadoda

12/11/2018 4:55:50 PM



#26

2,2-Dichloropropane

Concen: 72.007 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007375.D

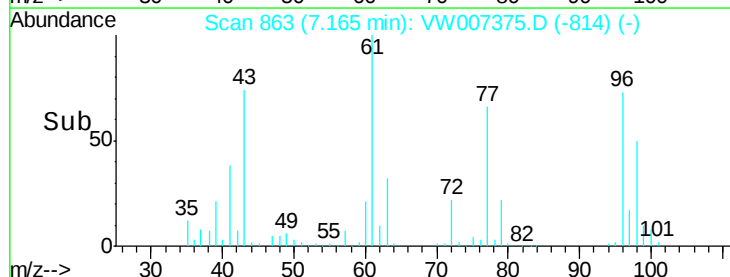
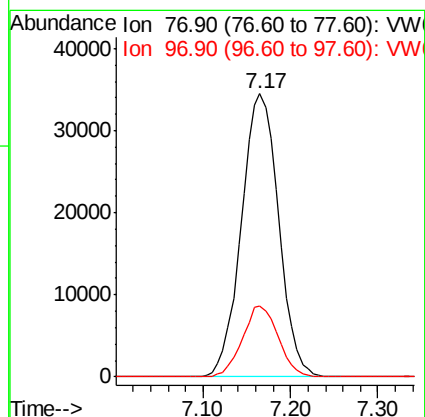
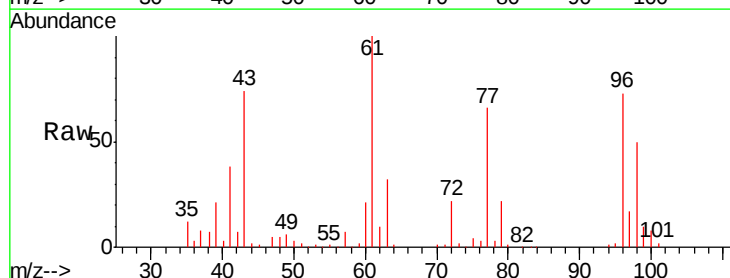
Acq: 11 Dec 2018 00:57

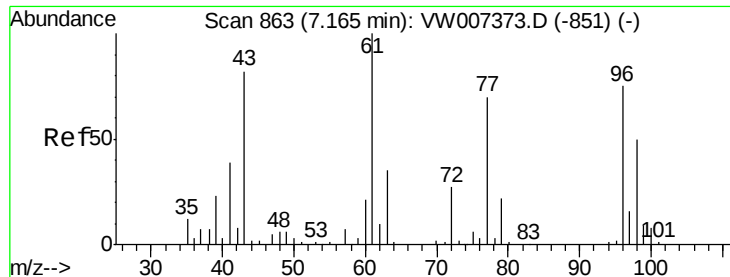
Tgt Ion: 77 Resp: 101945

Ion Ratio Lower Upper

77 100

97 24.1 11.6 34.8





#27

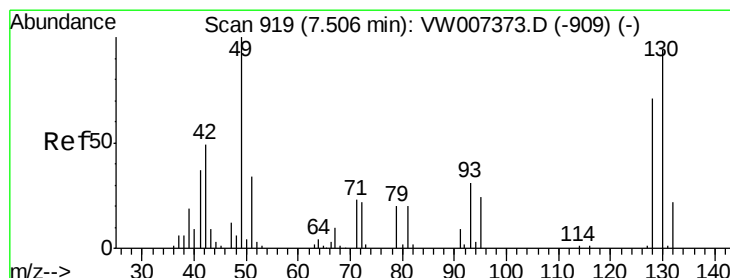
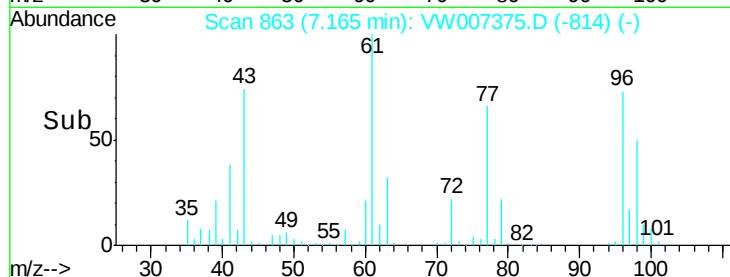
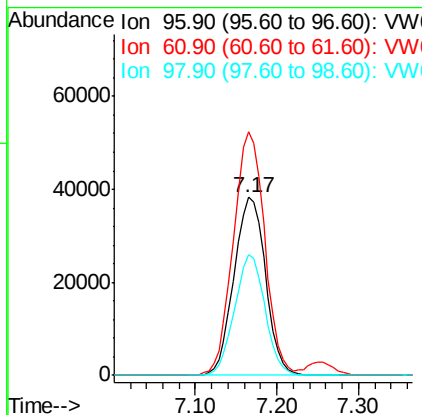
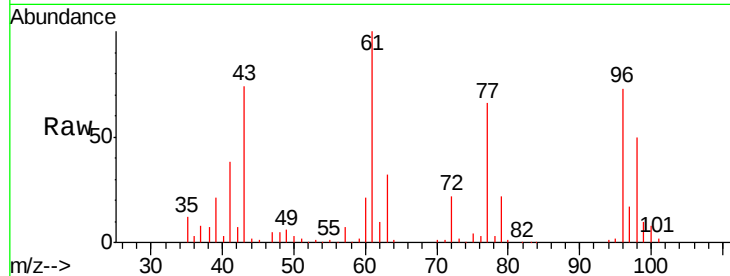
cis-1,2-Dichloroethene
Concen: 101.184 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	102434		
61	136.0	0.0	268.4	
98	65.2	0.0	127.8	

Manual Integrations
APPROVED

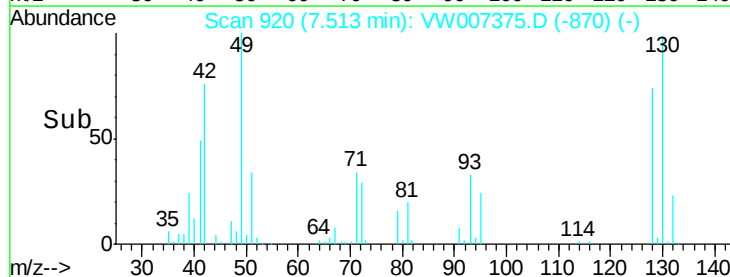
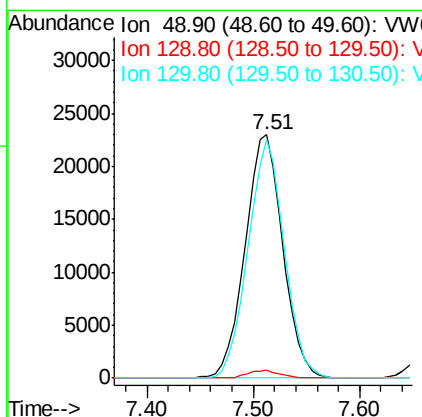
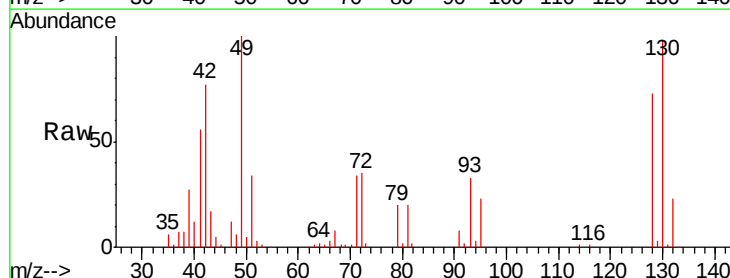
MMDadoda
12/11/2018 4:55:50 PM

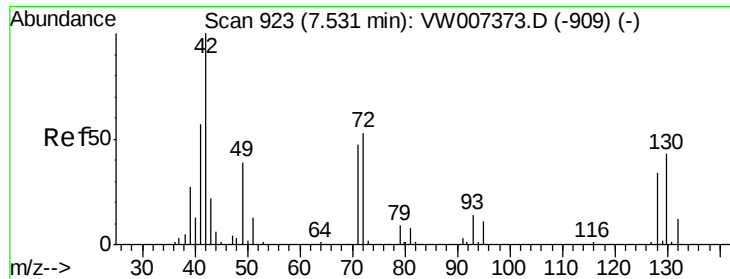


#28

Bromochloromethane
Concen: 100.028 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	57084		
129	2.7	0.0	2.6#	
130	94.3	75.9	113.9	





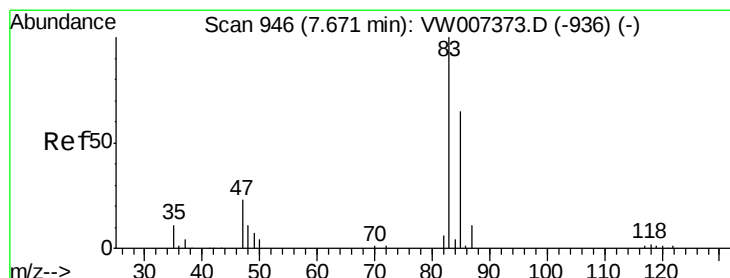
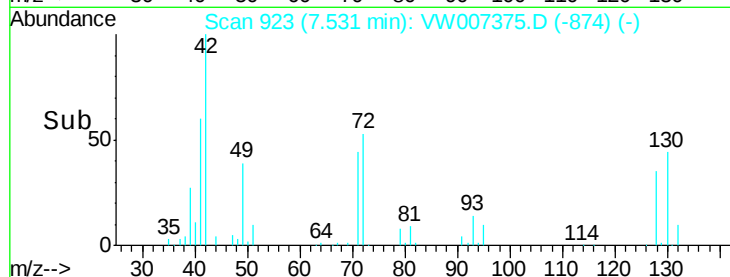
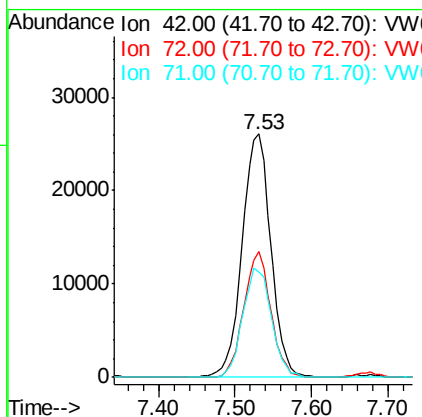
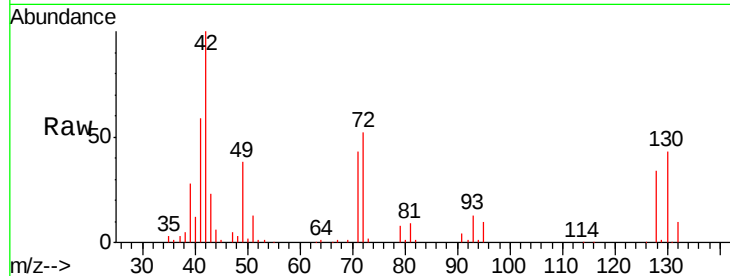
#29
Tetrahydrofuran
Concen: 493.177 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.3	38.2	57.4
71	44.9	35.5	53.3

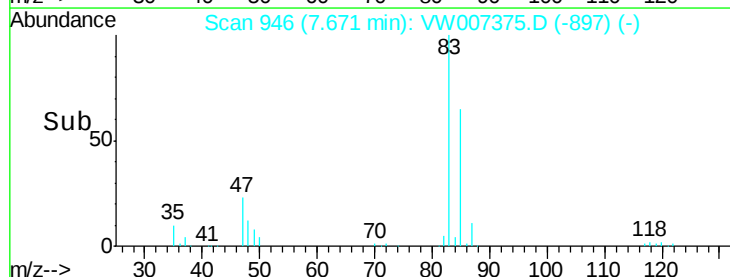
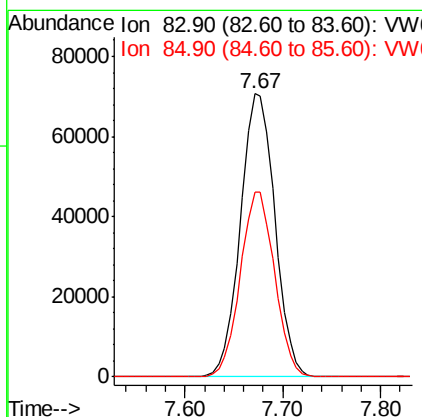
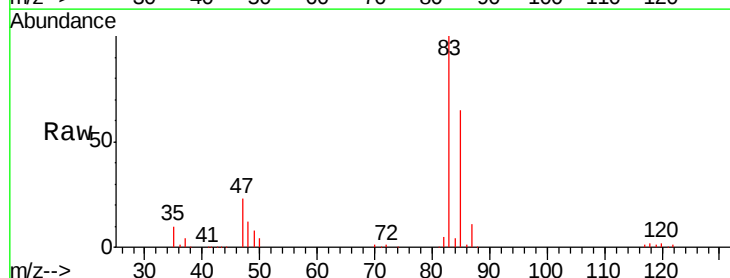
Manual Integrations
APPROVED

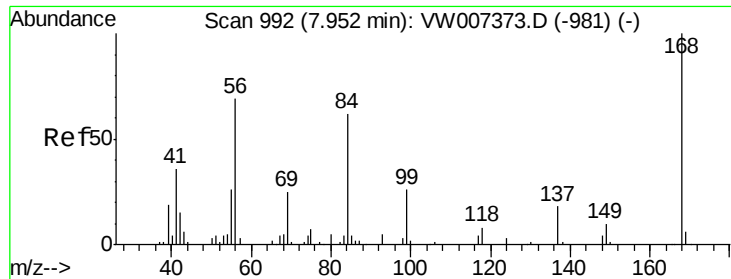
MMDadoda
12/11/2018 4:55:50 PM



#30
Chloroform
Concen: 105.553 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.8	77.8





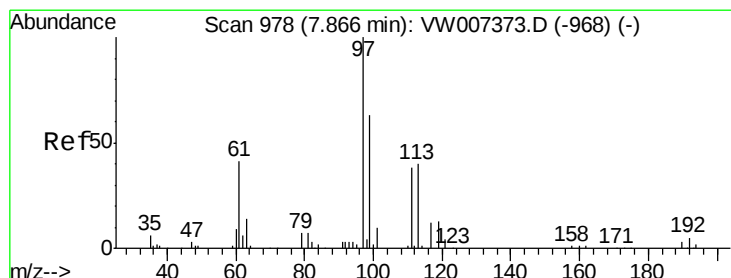
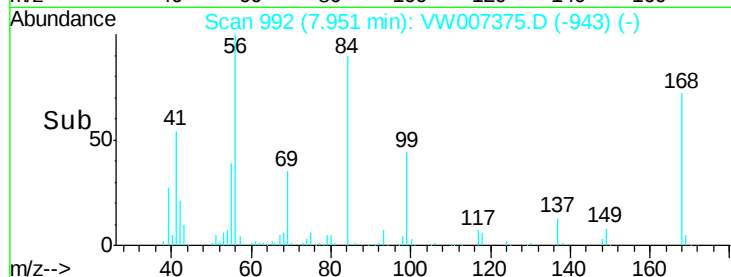
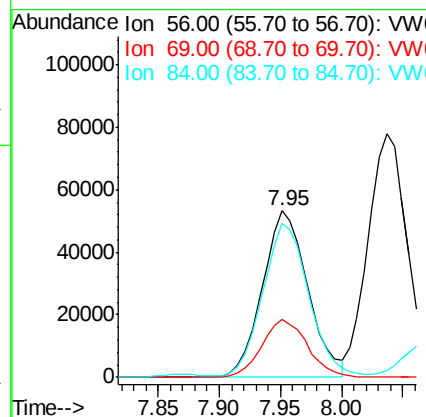
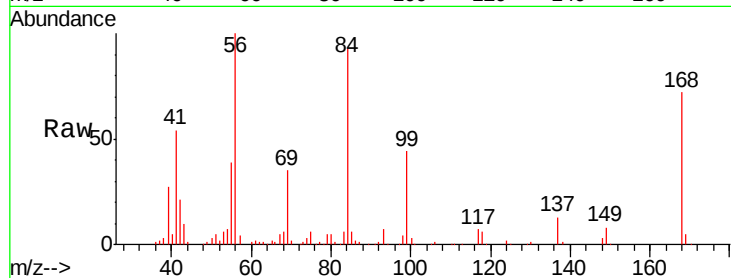
#31
Cyclohexane
Concen: 86.941 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.9	43.3
84	90.9	71.8	107.6

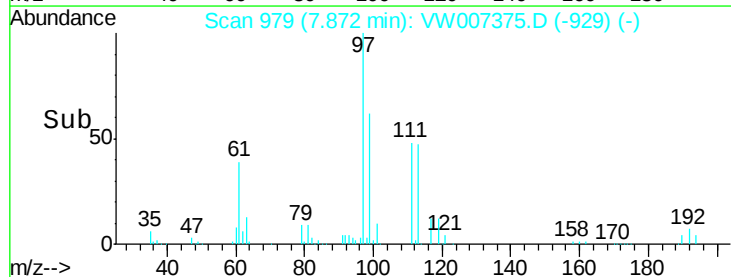
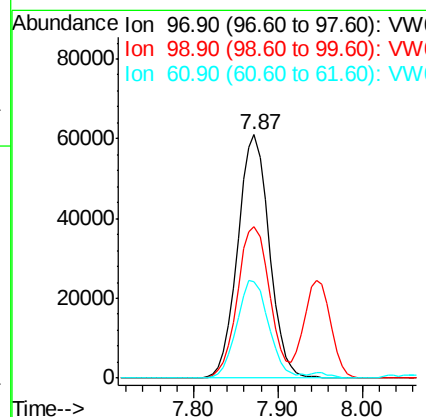
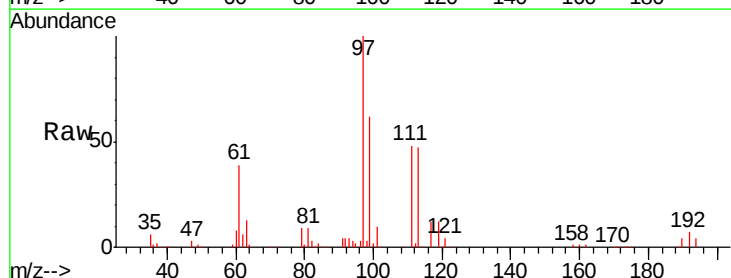
Manual Integrations
APPROVED

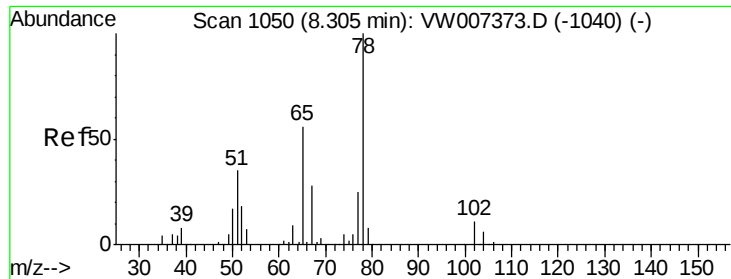
MMDadoda
12/11/2018 4:55:50 PM



#32
1,1,1-Trichloroethane
Concen: 101.995 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.1	76.7
61	40.9	33.2	49.8





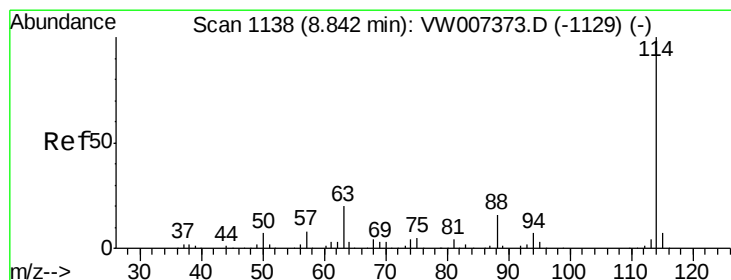
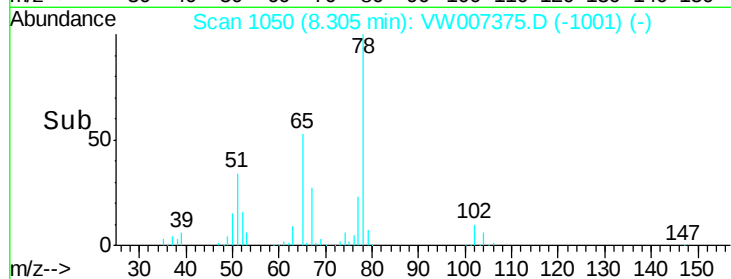
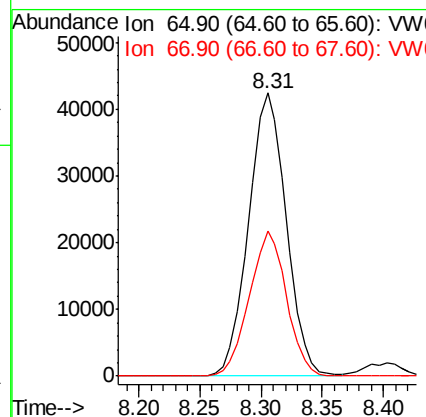
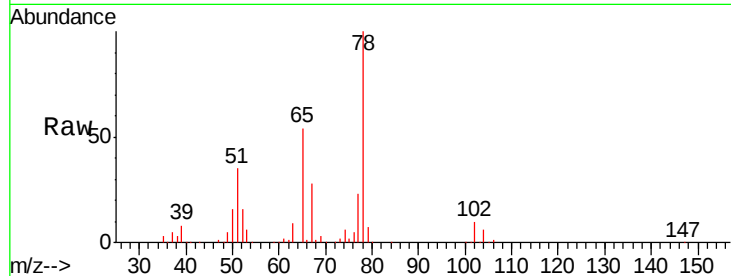
#33
 1,2-Dichloroethane-d4
 Concen: 107.656 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	90979		
67	50.4	0.0	101.6	

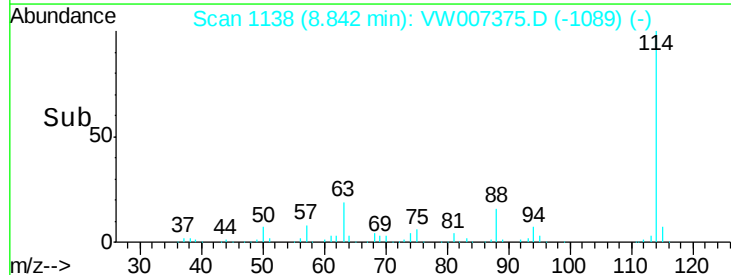
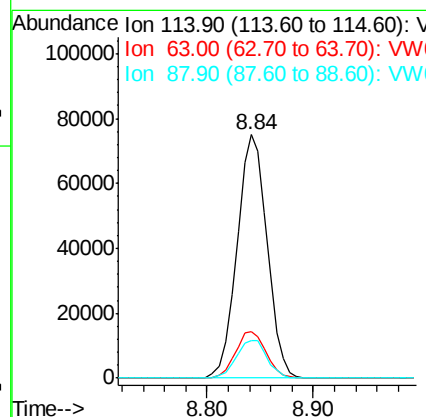
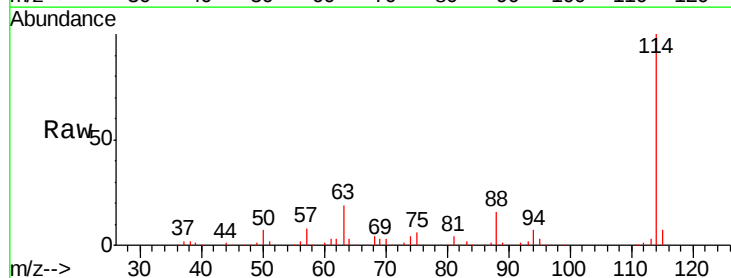
Manual Integrations
 APPROVED

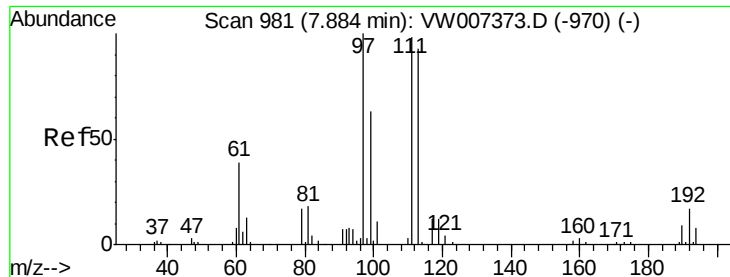
MMDadoda
 12/11/2018 4:55:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	148086		
63	18.9	0.0	39.6	
88	15.7	0.0	31.4	





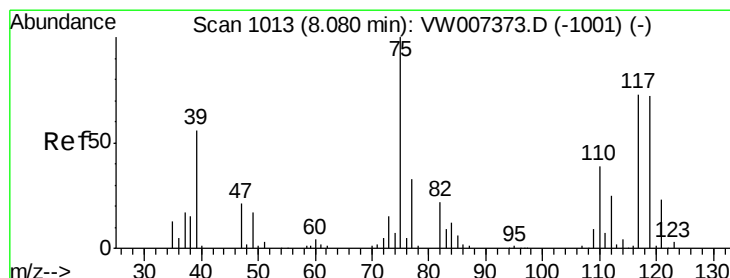
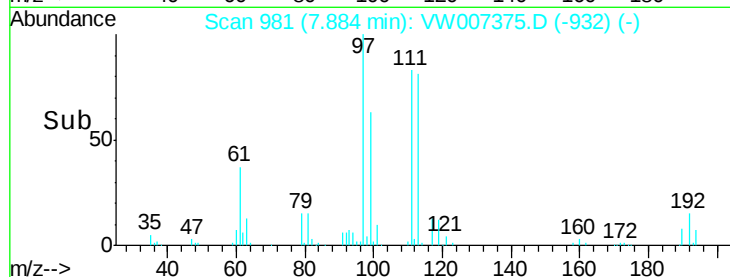
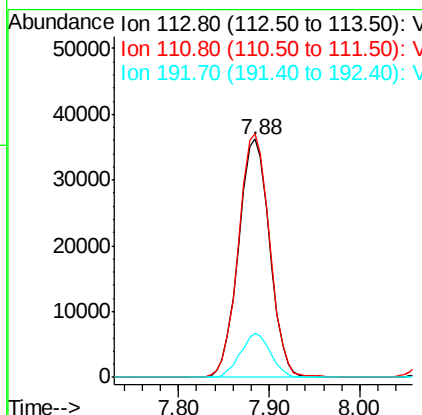
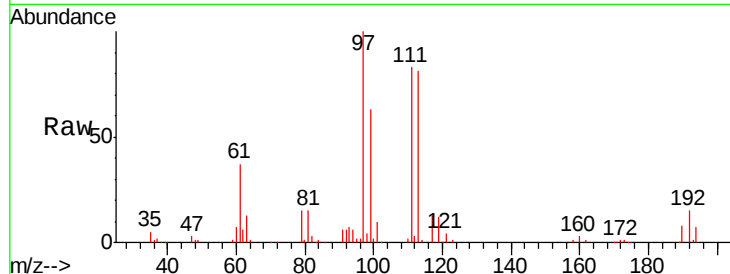
#35
Dibromofluoromethane
Concen: 100.097 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	86264		
111	102.0	81.1	121.7	
192	17.9	14.6	21.8	

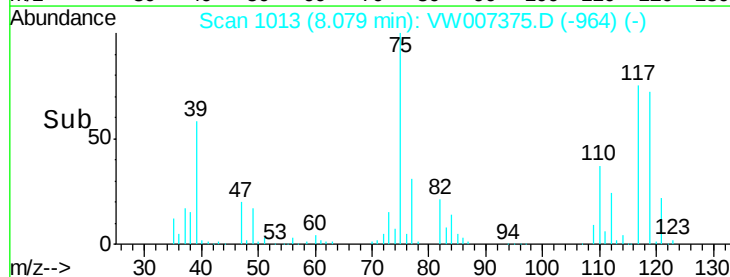
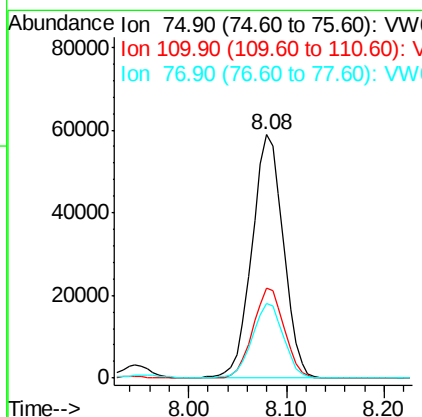
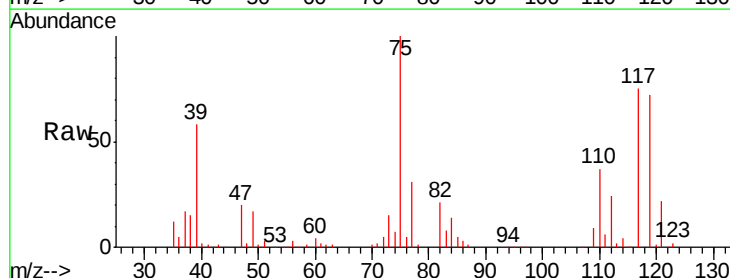
Manual Integrations
APPROVED

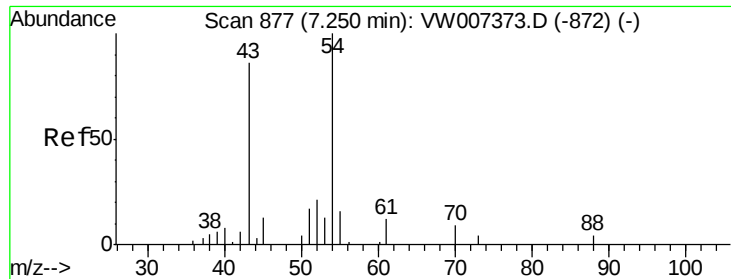
MMDadoda
12/11/2018 4:55:50 PM



#36
1,1-Dichloropropene
Concen: 92.734 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	131509		
110	36.7	18.5	55.5	
77	30.6	25.6	38.4	





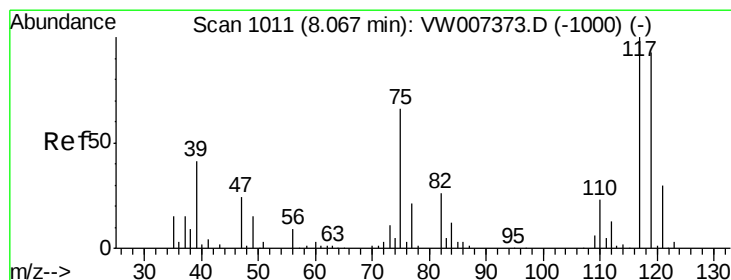
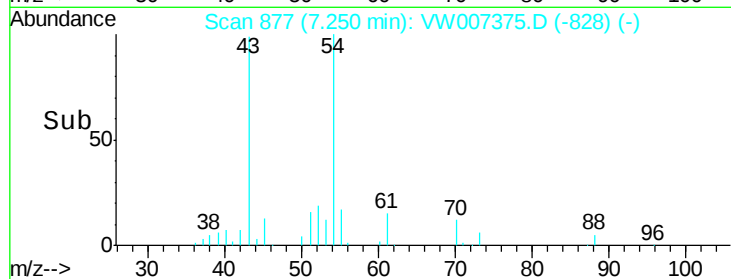
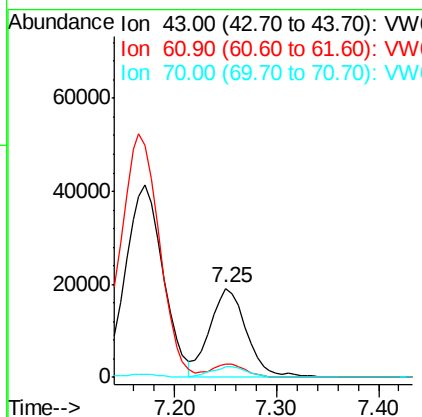
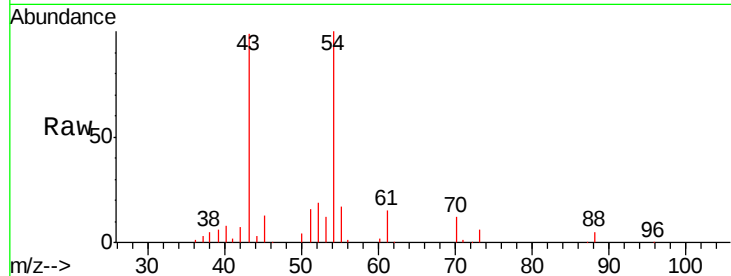
#37
Ethyl Acetate
Concen: 93.443 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.7	12.1	18.1
70	12.1	10.0	15.0

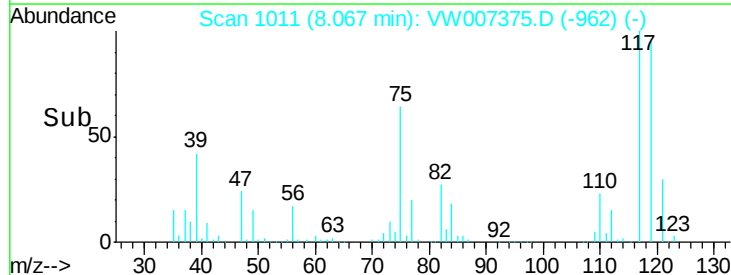
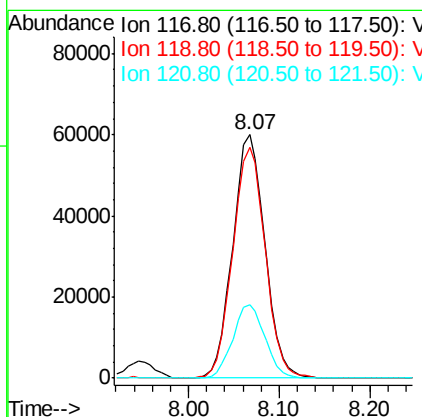
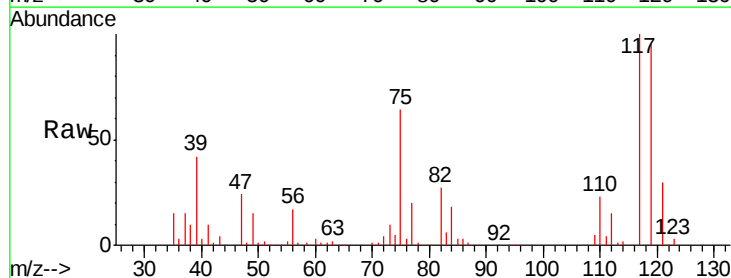
Manual Integrations
APPROVED

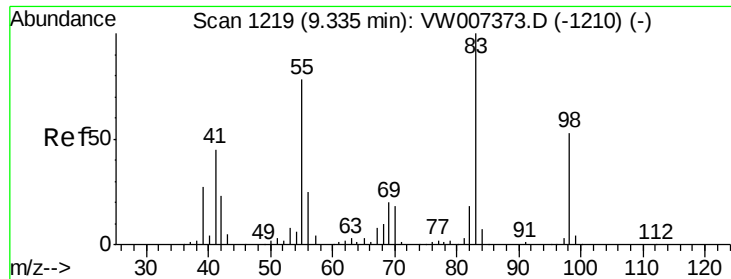
MMDadoda
12/11/2018 4:55:50 PM



#38
Carbon Tetrachloride
Concen: 100.347 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	74.3	111.5
121	30.4	24.3	36.5





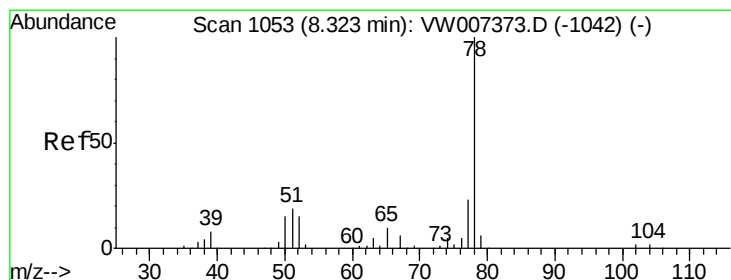
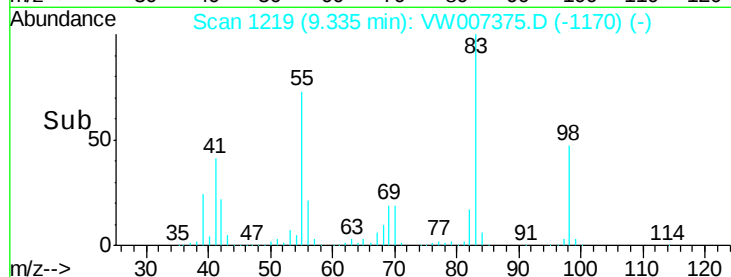
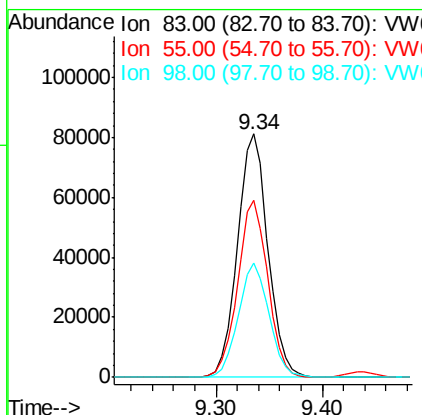
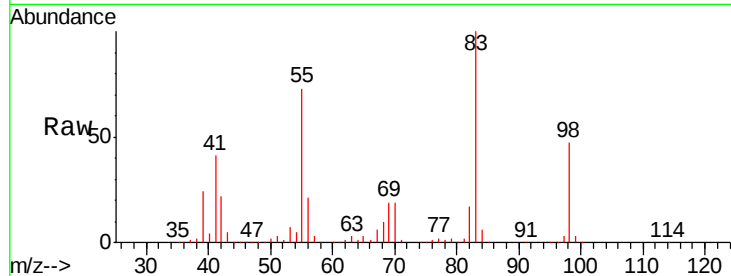
#39
Methylcyclohexane
Concen: 86.889 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.8	62.8	94.2
98	46.9	42.2	63.2

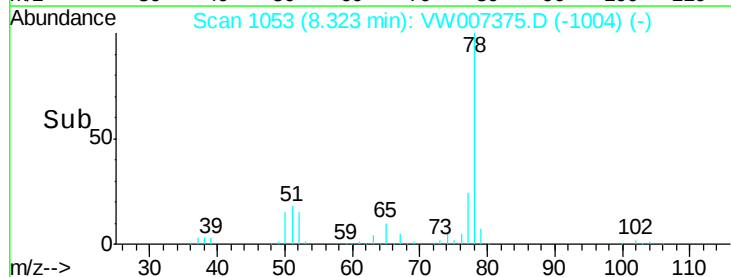
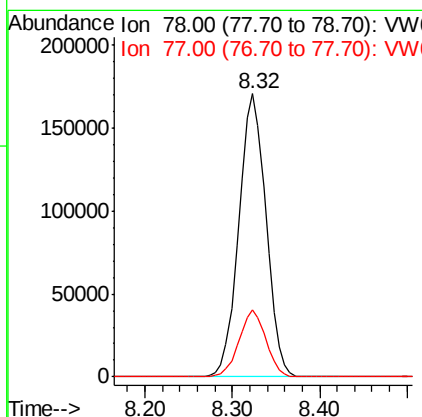
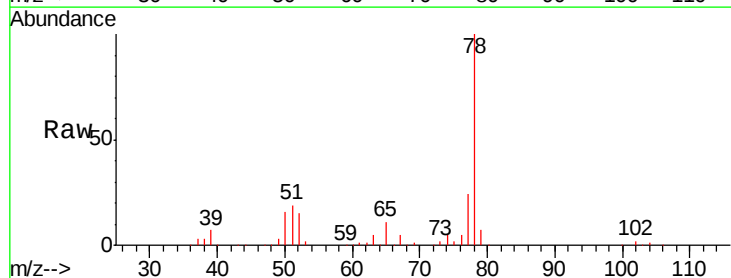
Manual Integrations
APPROVED

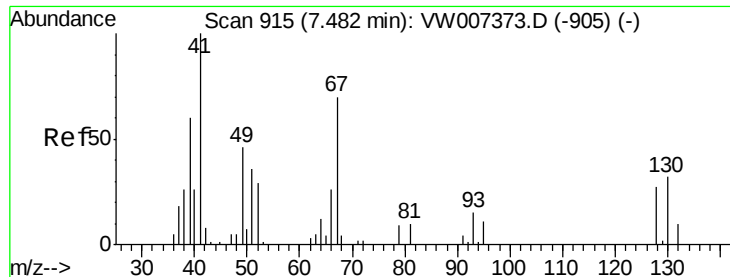
MMDadoda
12/11/2018 4:55:50 PM



#40
Benzene
Concen: 93.971 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





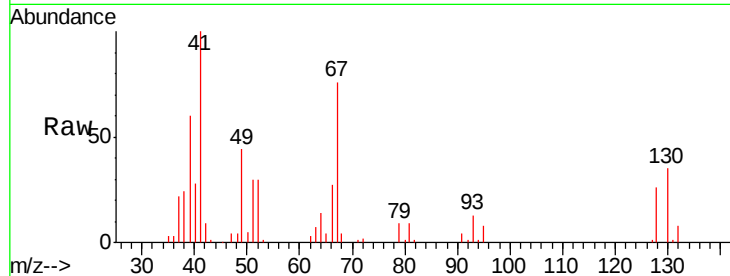
#41
Methacrylonitrile
Concen: 94.947 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

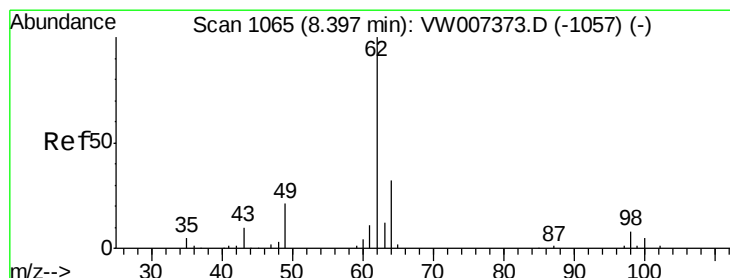
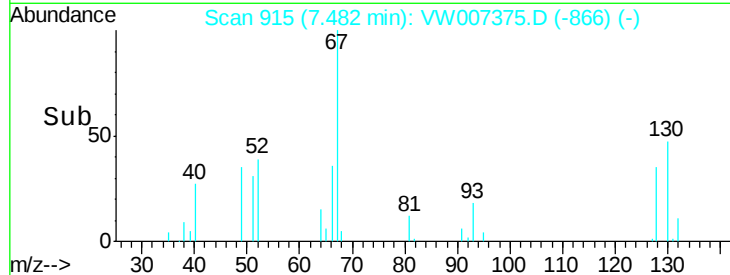
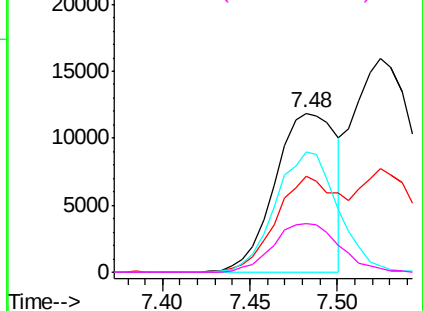
Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	64.1	52.2	78.2
67	67	77.1	60.5	90.7
52	52	33.2	25.3	37.9

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM

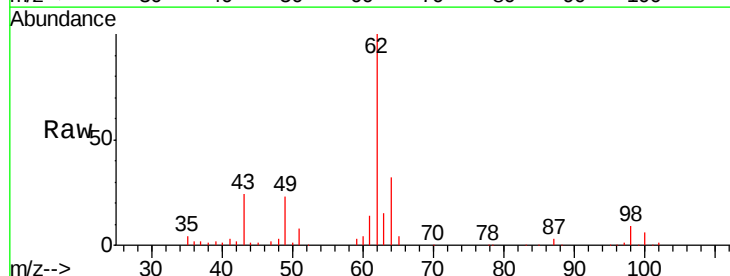


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

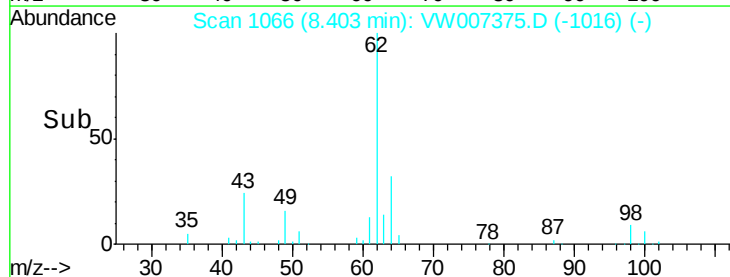
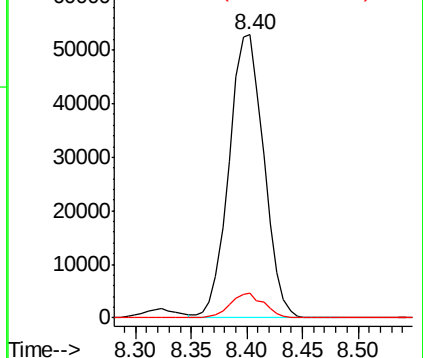


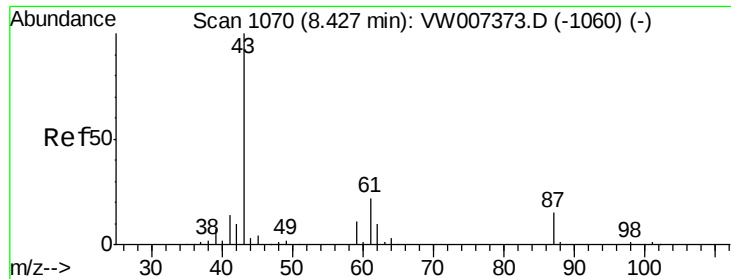
#42
1,2-Dichloroethane
Concen: 102.416 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.5	0.0	17.6



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





#43

Isopropyl Acetate

Concen: 96.632 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

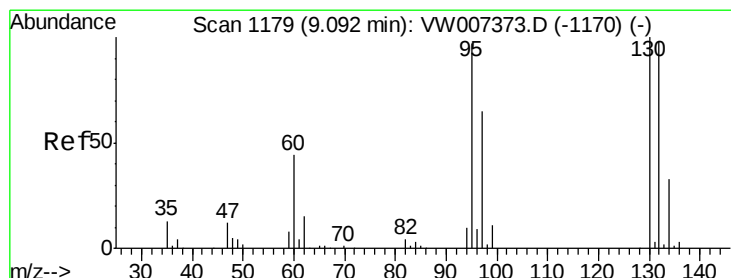
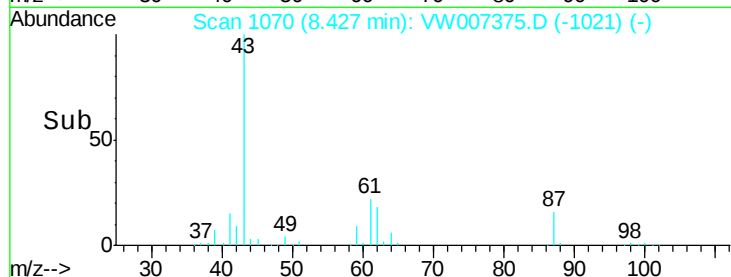
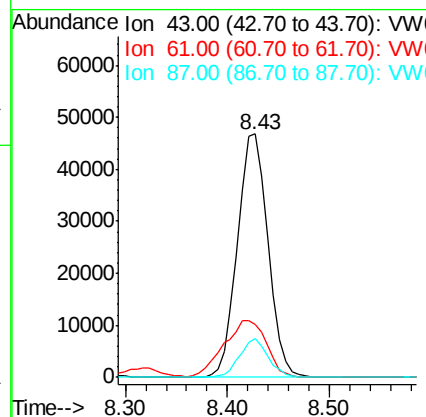
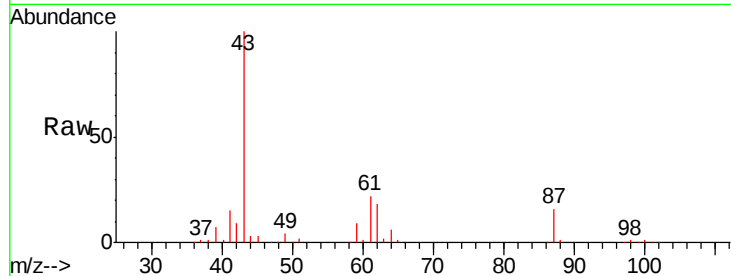
ClientSampleId :

VSTDIC100

Tgt Ion:	43	Resp:	97154
Ion	Ratio	Lower	Upper
43	100		
61	32.6	25.3	37.9
87	14.8	11.8	17.8

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM



#44

Trichloroethene

Concen: 95.933 ug/l

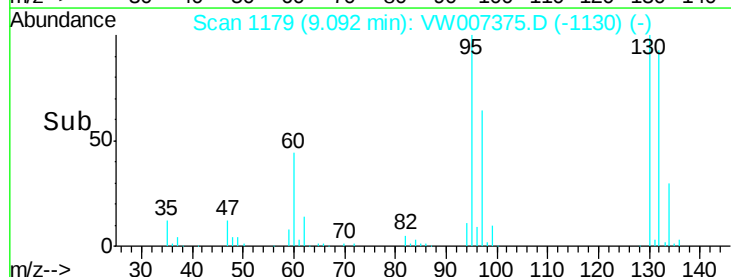
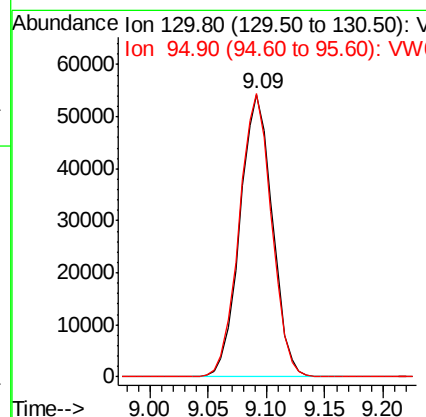
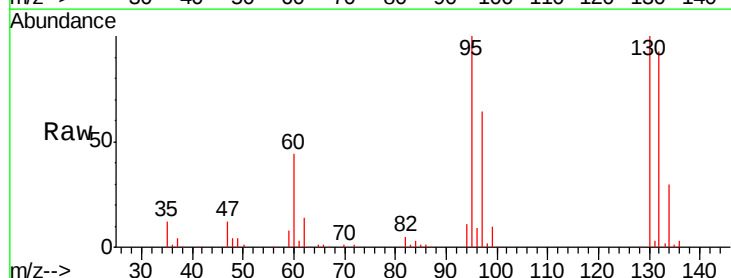
RT: 9.09 min Scan# 1179

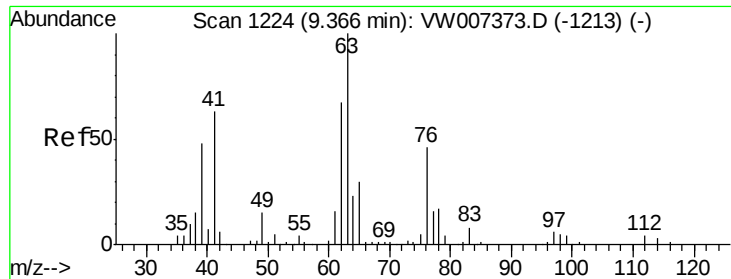
Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion:	130	Resp:	105228
Ion	Ratio	Lower	Upper
130	100		
95	100.3	0.0	193.2





#45

1,2-Dichloropropane

Concen: 93.769 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 63 Resp: 85562

Ion Ratio Lower Upper

63 100

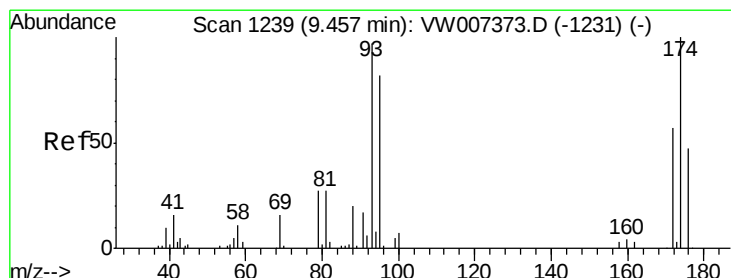
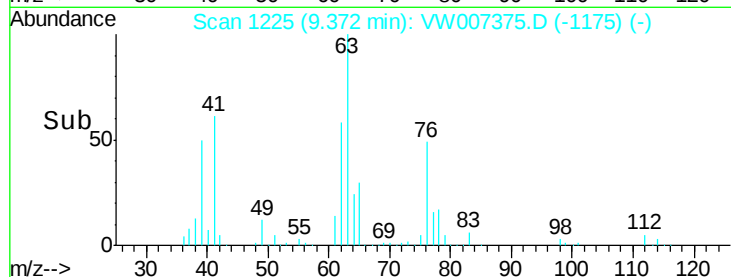
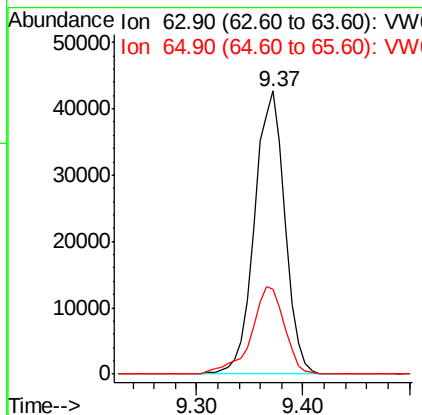
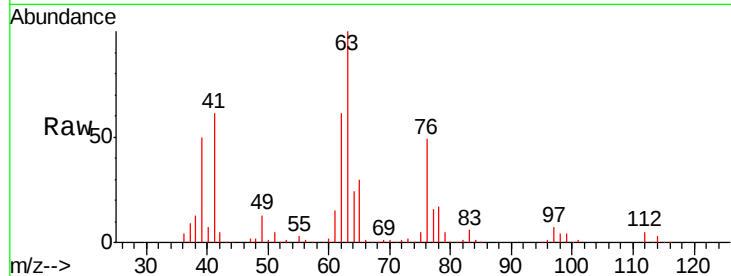
65 30.0 24.4 36.6

Manual Integrations

APPROVED

MMDadoda

12/11/2018 4:55:50 PM



#46

Dibromomethane

Concen: 101.226 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

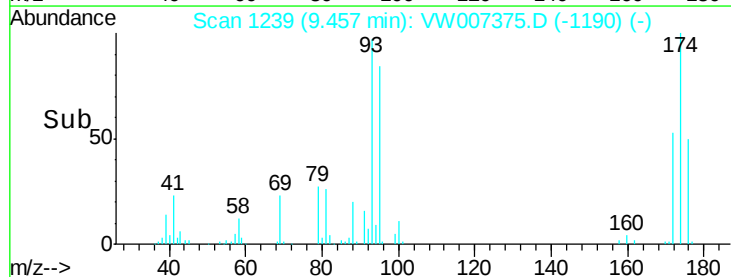
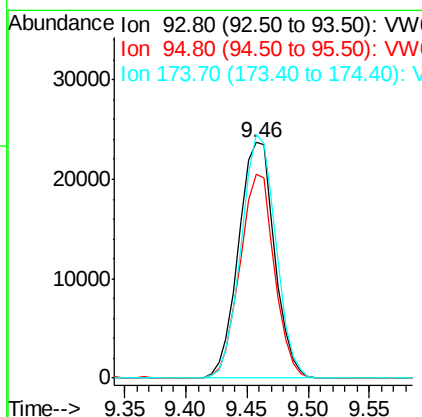
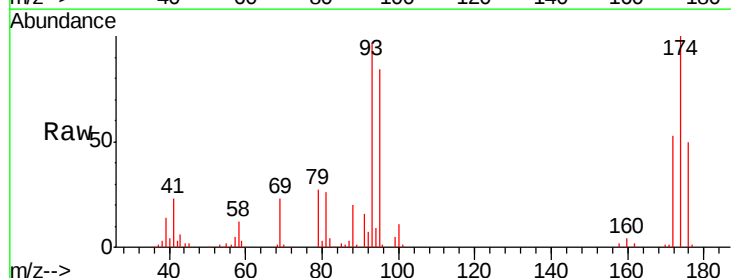
Tgt Ion: 93 Resp: 48696

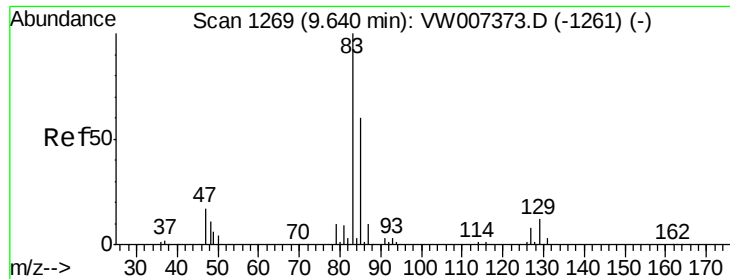
Ion Ratio Lower Upper

93 100

95 82.5 68.0 102.0

174 99.1 83.2 124.8





#47

Bromodichloromethane

Concen: 101.761 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

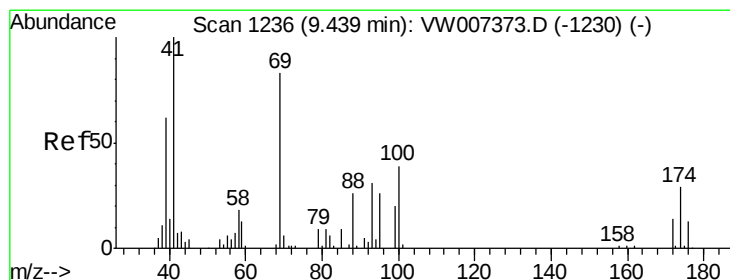
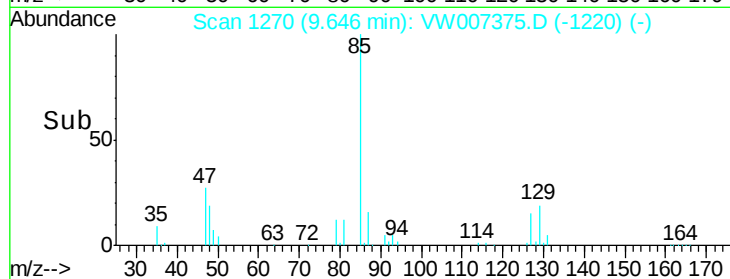
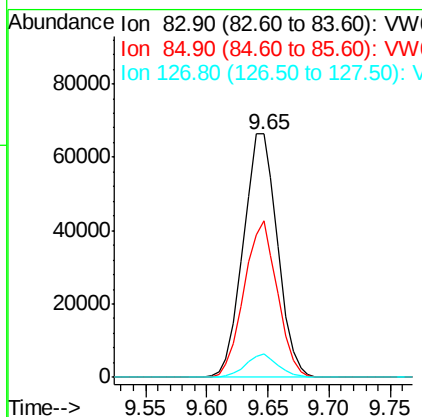
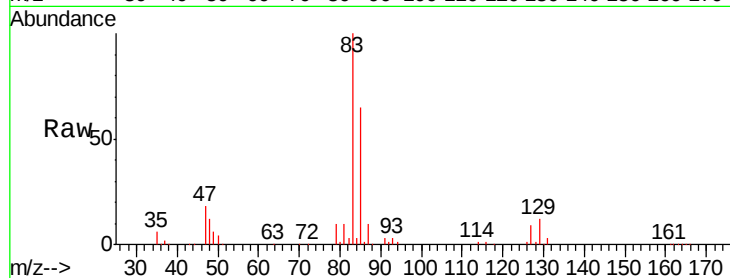
ClientSampleId :

VSTDIC100

Tgt Ion:	83	Resp:	128889
Ion Ratio	Lower	Upper	
83	100		
85	64.5	47.6	71.4
127	9.4	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM



#48

Methyl methacrylate

Concen: 93.120 ug/l

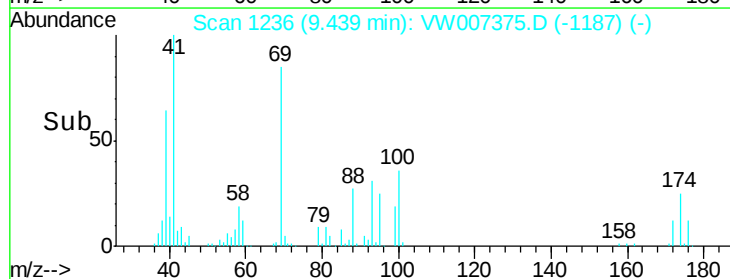
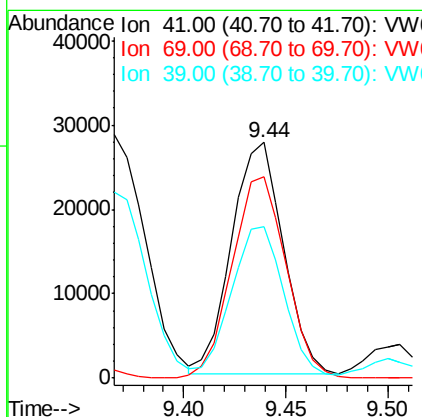
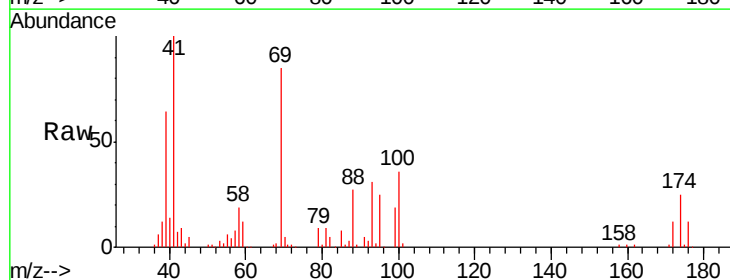
RT: 9.44 min Scan# 1236

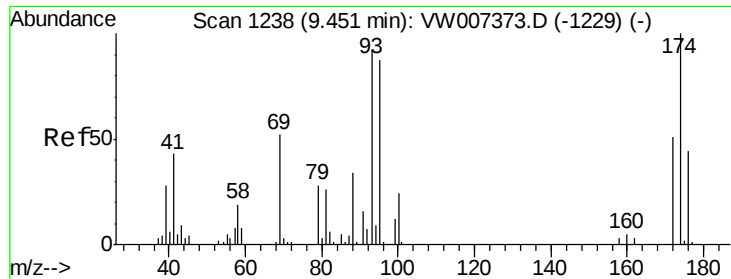
Delta R.T. -0.00 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion:	41	Resp:	48131
Ion Ratio	Lower	Upper	
41	100		
69	91.3	69.8	104.8
39	67.9	50.9	76.3





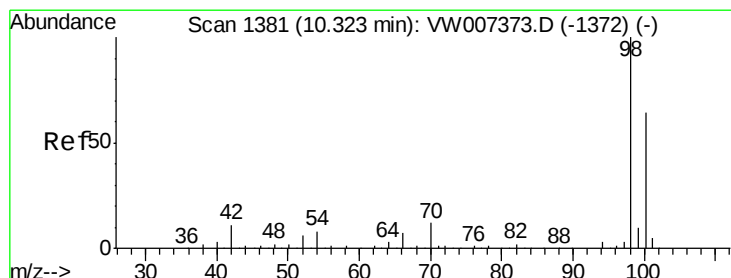
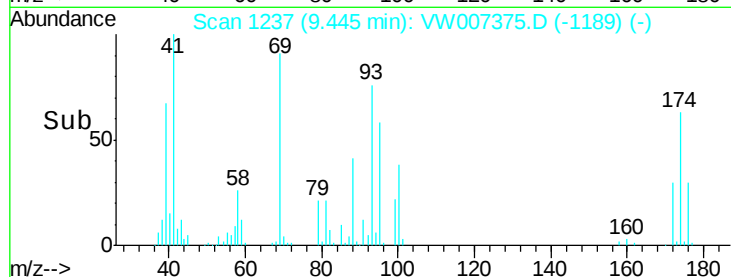
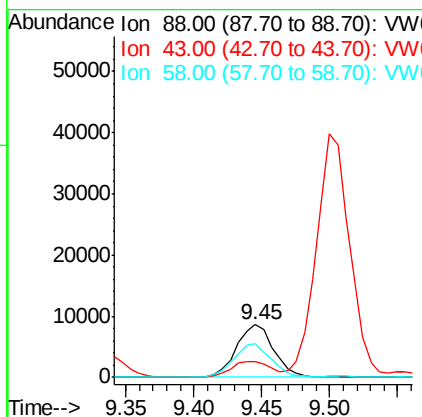
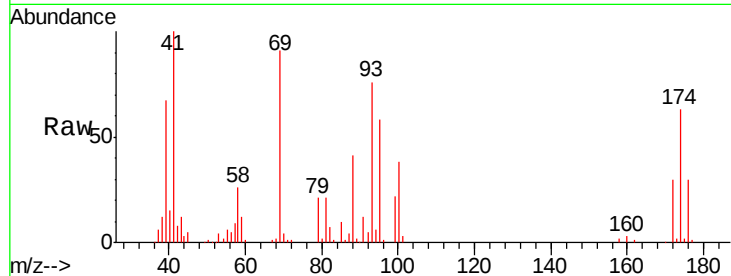
#49
1,4-Dioxane
Concen: 1988.040 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.1	25.0	37.4
58	65.3	51.4	77.2

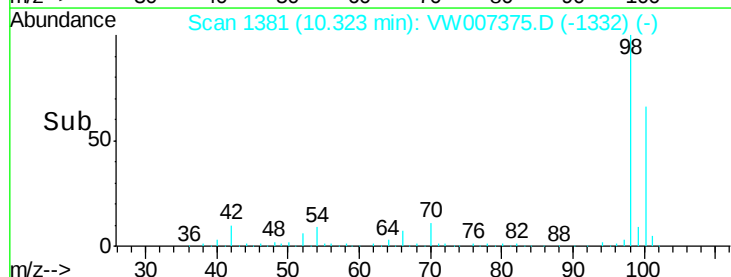
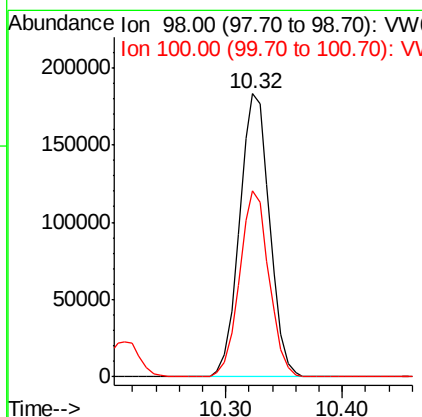
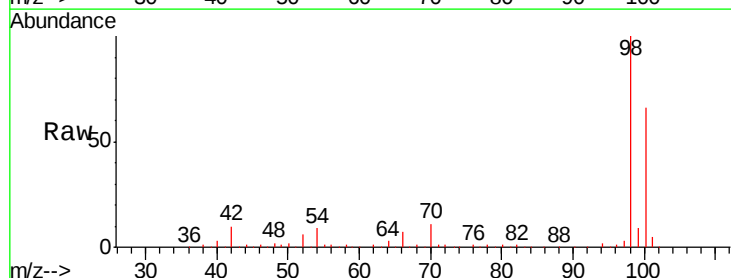
Manual Integrations
APPROVED

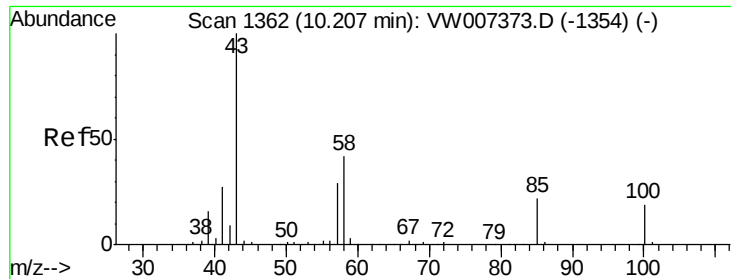
MMDadoda
12/11/2018 4:55:50 PM



#50
Toluene-d8
Concen: 89.068 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.8	77.8





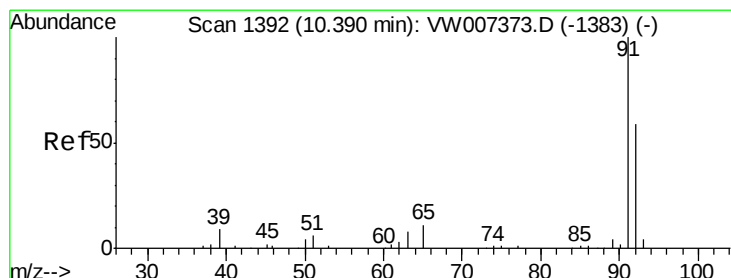
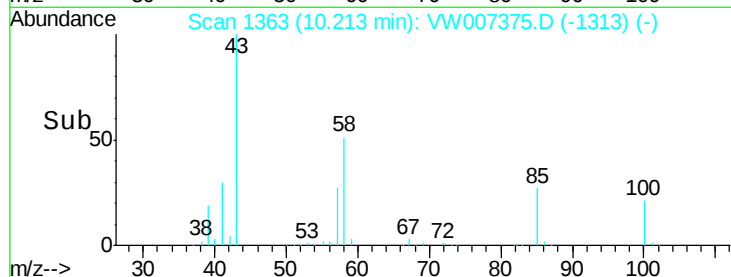
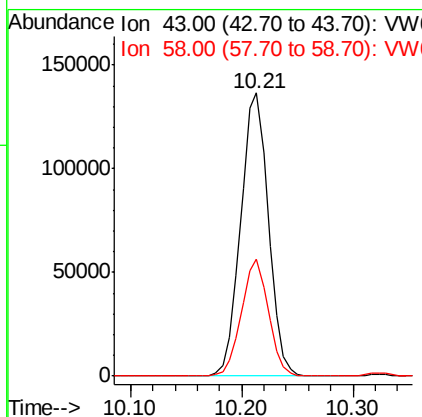
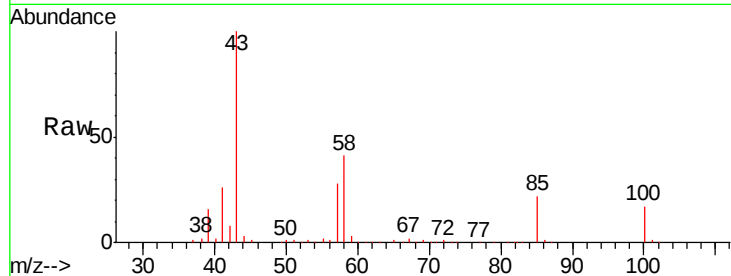
#51
4-Methyl-2-Pentanone
Concen: 482.687 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 236134
Ion Ratio Lower Upper
43 100
58 40.2 33.1 49.7

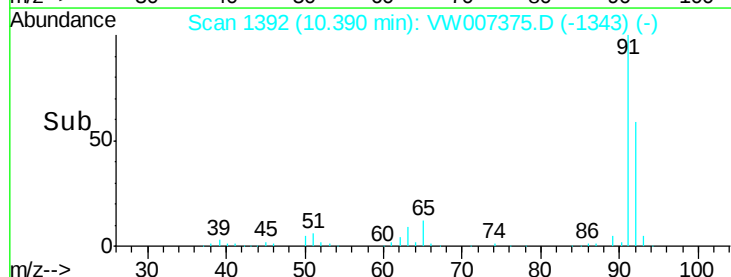
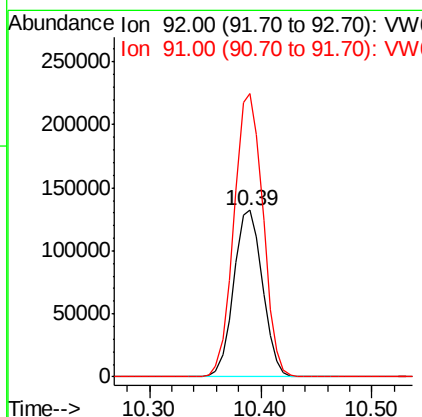
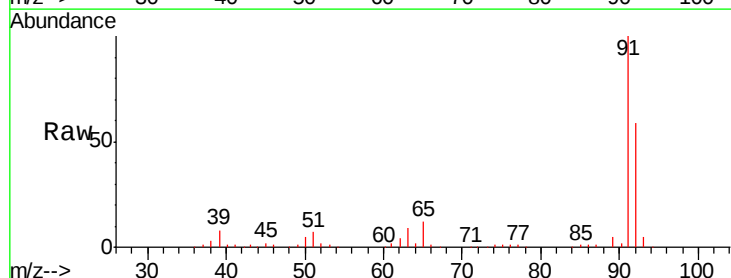
Manual Integrations
APPROVED

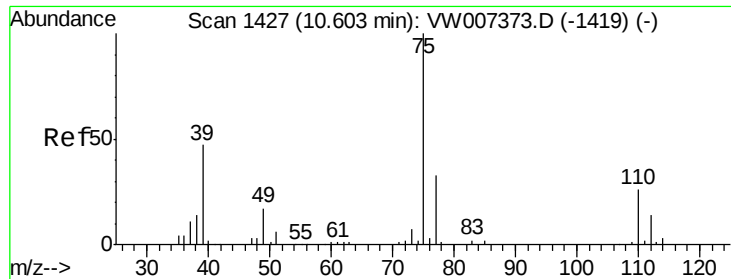
MMDadoda
12/11/2018 4:55:50 PM



#52
Toluene
Concen: 87.645 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 92 Resp: 236567
Ion Ratio Lower Upper
92 100
91 170.6 136.2 204.2





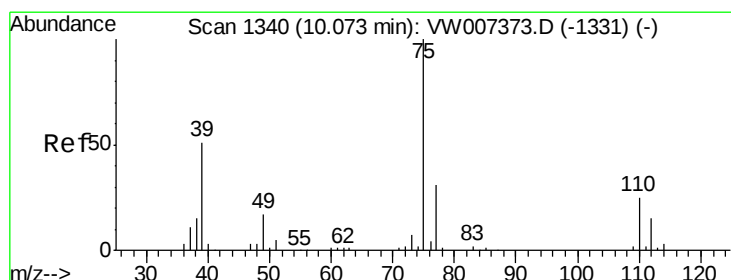
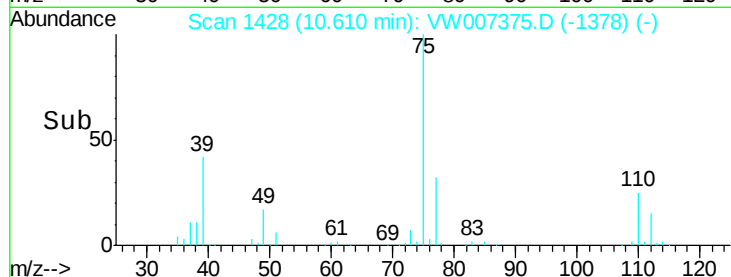
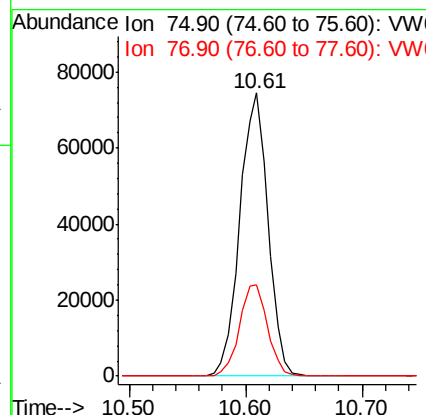
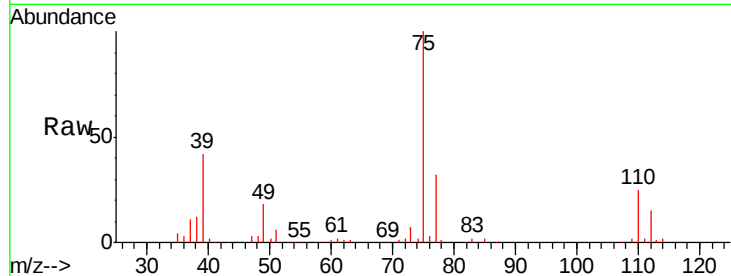
#53
t-1,3-Dichloropropene
Concen: 99.792 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 125352
Ion Ratio Lower Upper
75 100
77 32.5 26.2 39.4

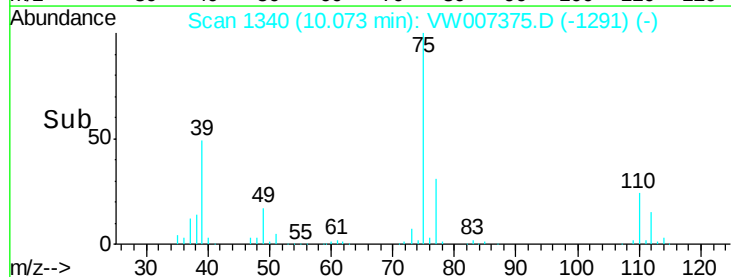
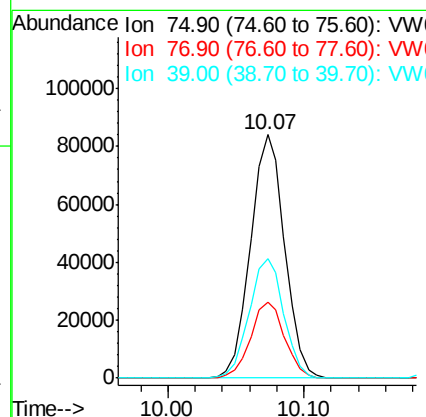
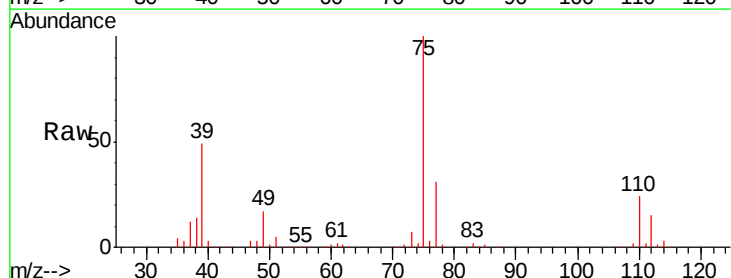
Manual Integrations
APPROVED

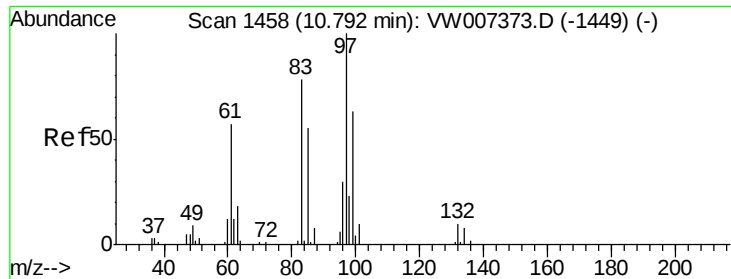
MMDadoda
12/11/2018 4:55:50 PM



#54
cis-1,3-Dichloropropene
Concen: 100.326 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 75 Resp: 147373
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 48.9 40.9 61.3





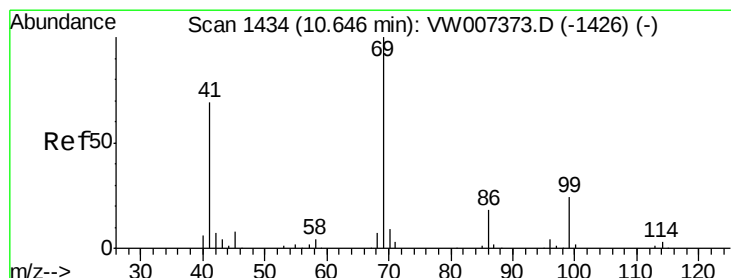
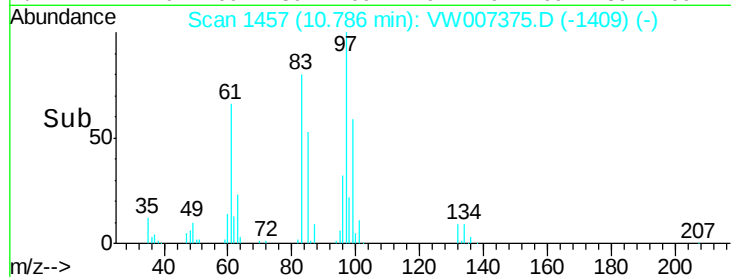
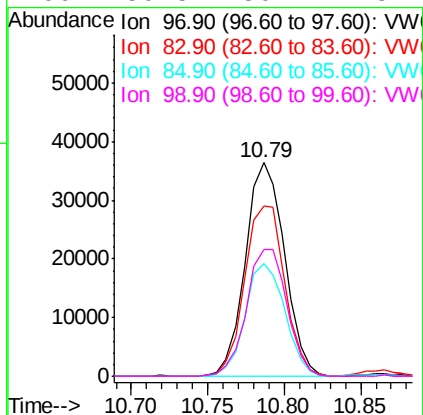
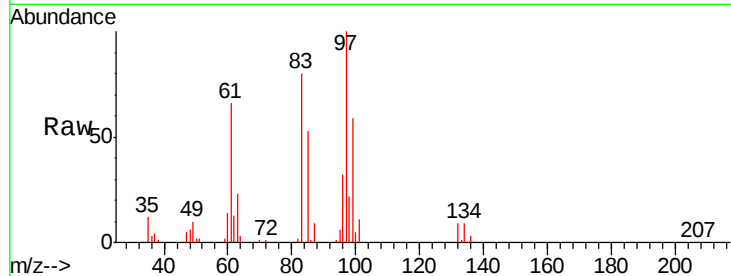
#55
 1,1,2-Trichloroethane
 Concen: 95.398 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:	97	Resp:	64747
Ion	Ratio	Lower	Upper
97	100		
83	79.9	62.1	93.1
85	52.6	44.2	66.4
99	59.5	50.2	75.4

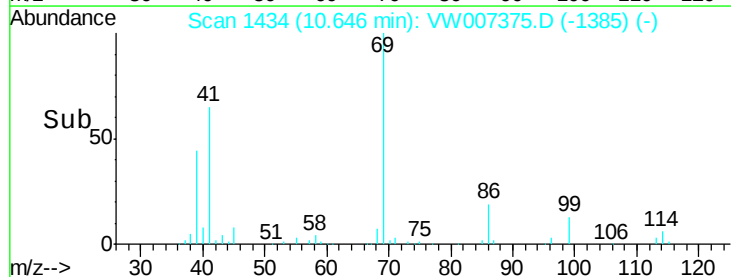
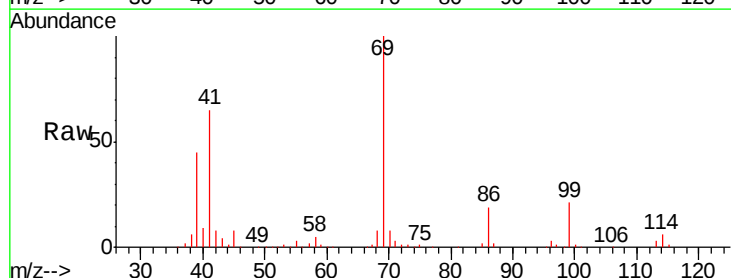
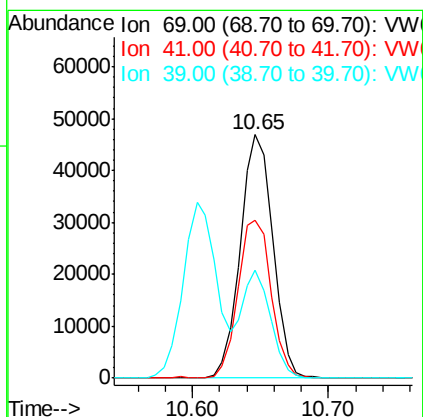
Manual Integrations
 APPROVED

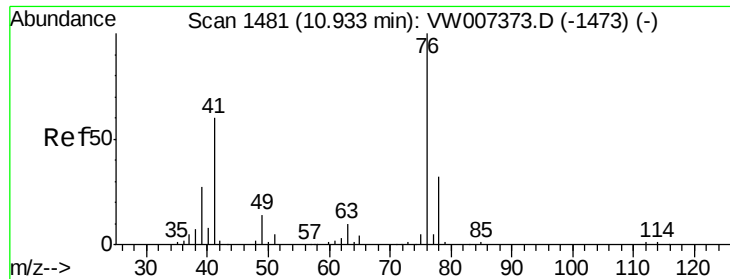
MMDadoda
 12/11/2018 4:55:50 PM



#56
 Ethyl methacrylate
 Concen: 90.275 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion:	69	Resp:	78458
Ion	Ratio	Lower	Upper
69	100		
41	65.9	51.0	76.6
39	39.7	30.8	46.2





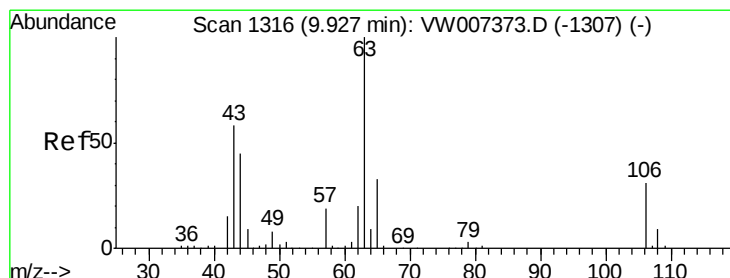
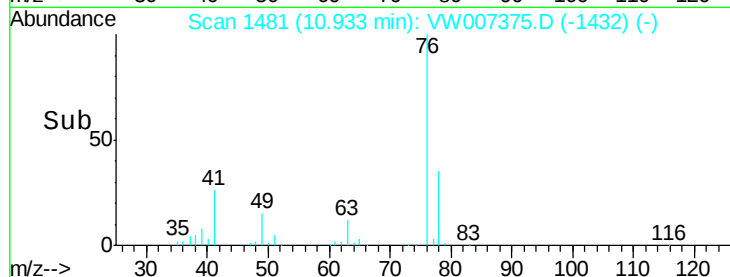
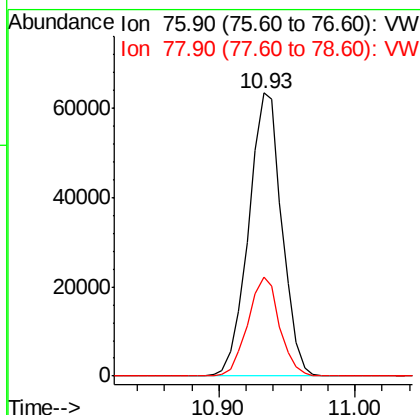
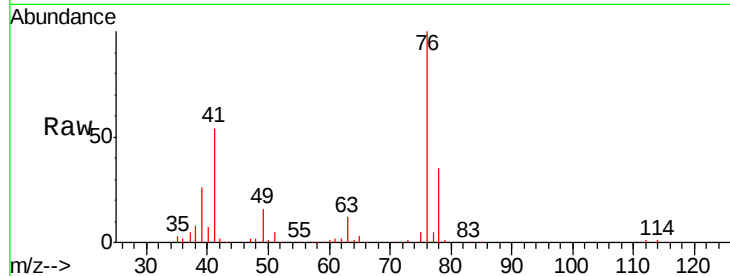
#57
 1,3-Dichloropropane
 Concen: 95.502 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 76 Resp: 108687
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.2 39.4

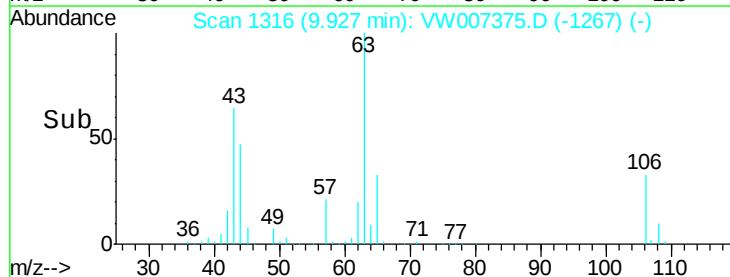
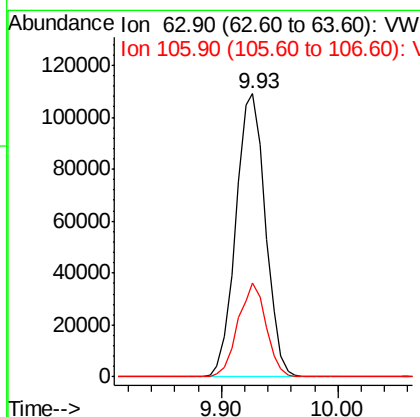
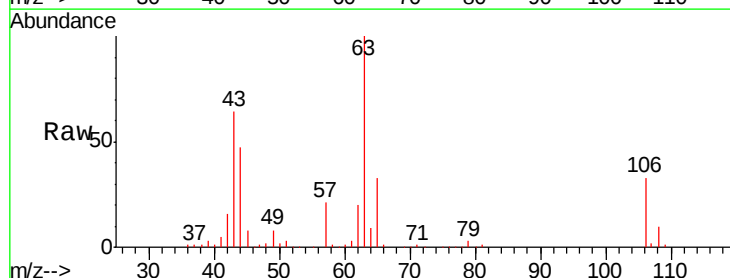
Manual Integrations
 APPROVED

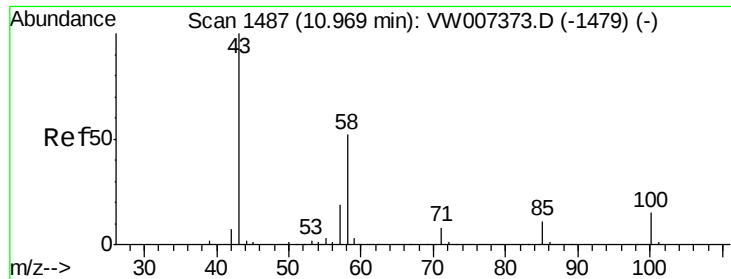
MMDadoda
 12/11/2018 4:55:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 529.061 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 63 Resp: 193110
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.0 37.6





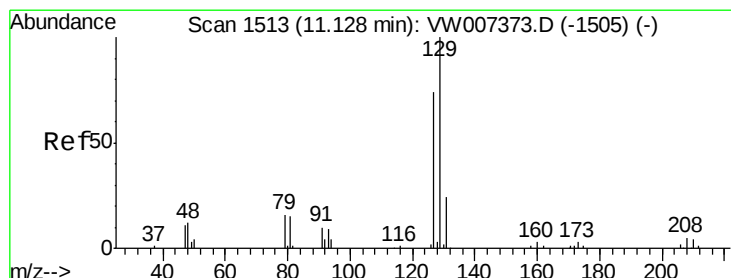
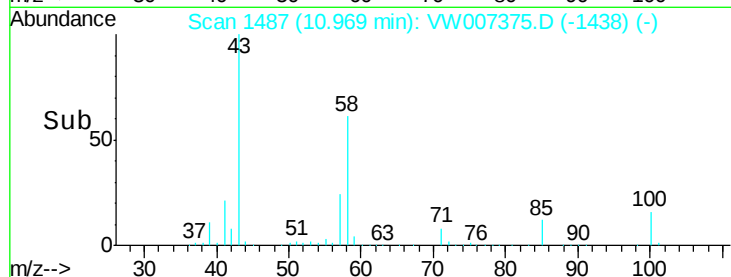
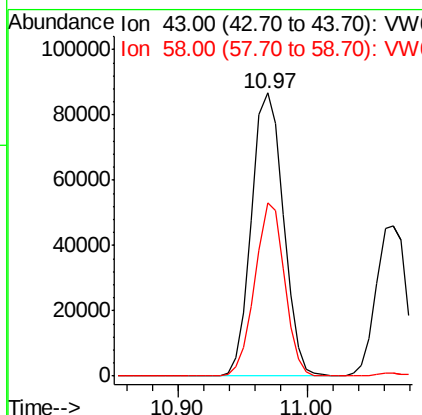
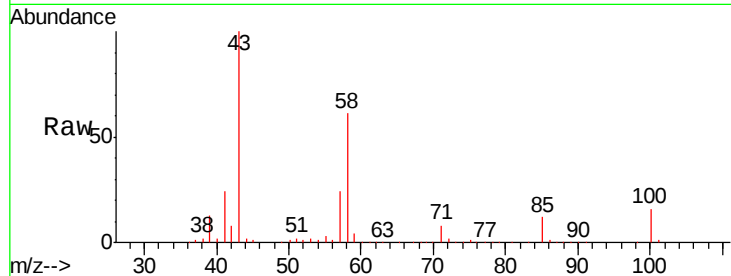
#59
2-Hexanone
Concen: 425.696 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 148325
Ion Ratio Lower Upper
43 100
58 57.2 27.1 81.3

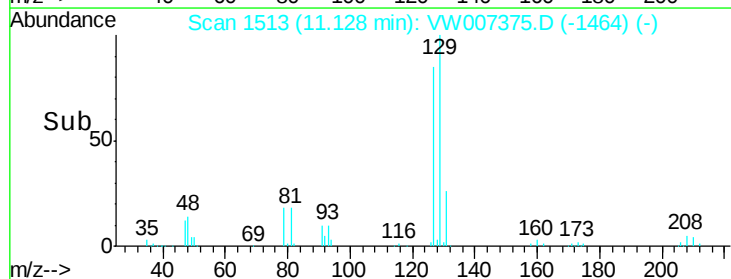
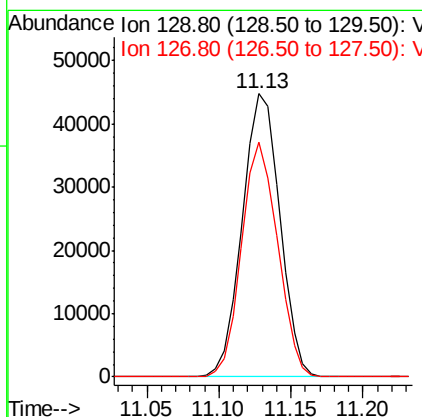
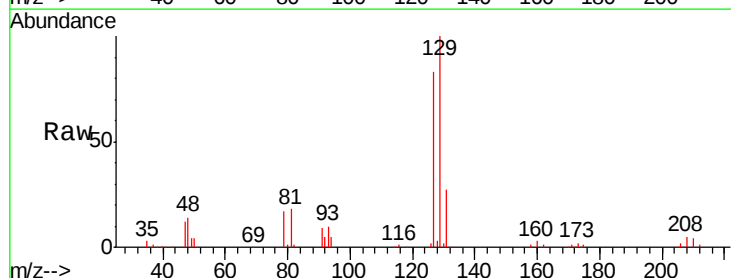
Manual Integrations
APPROVED

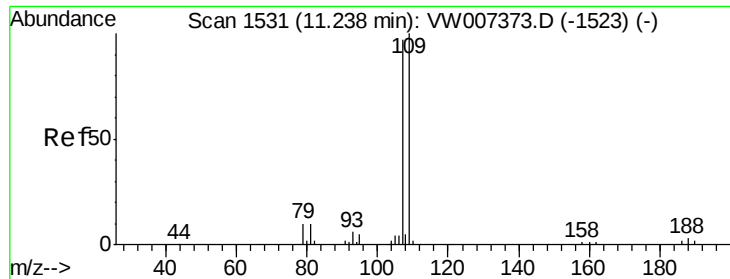
MMDadoda
12/11/2018 4:55:50 PM



#60
Dibromochloromethane
Concen: 96.622 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 129 Resp: 81057
Ion Ratio Lower Upper
129 100
127 79.6 38.1 114.3





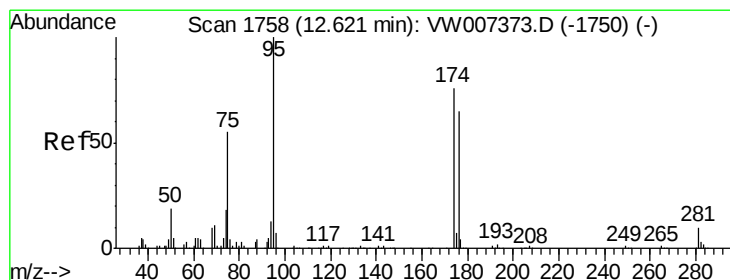
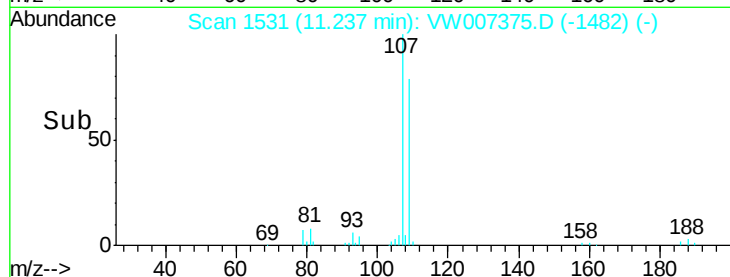
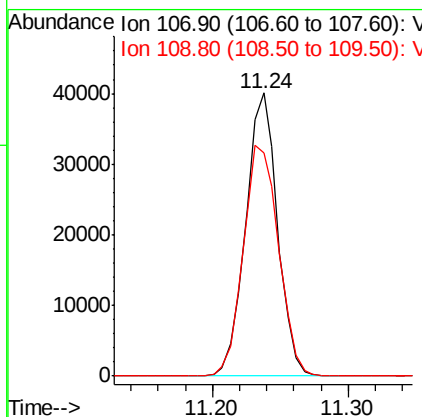
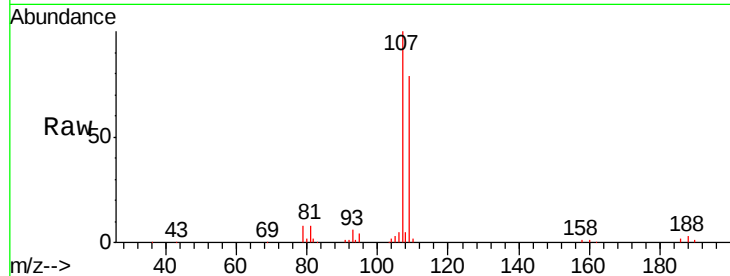
#61
 1,2-Dibromoethane
 Concen: 101.504 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 107 Resp: 65638
 Ion Ratio Lower Upper
 107 100
 109 90.3 79.1 118.7

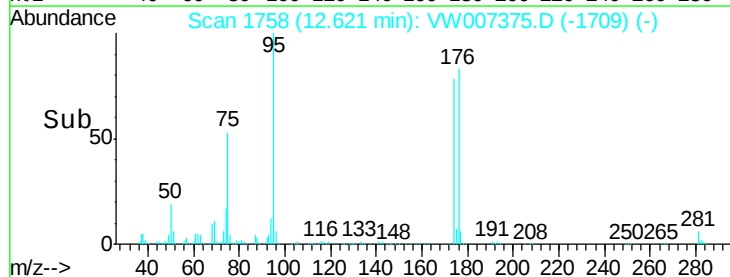
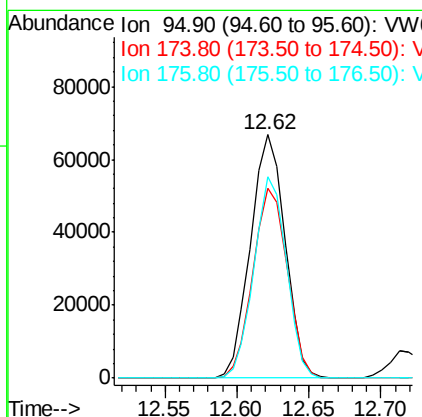
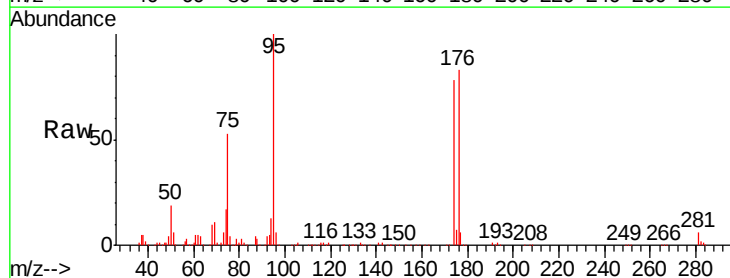
Manual Integrations
 APPROVED

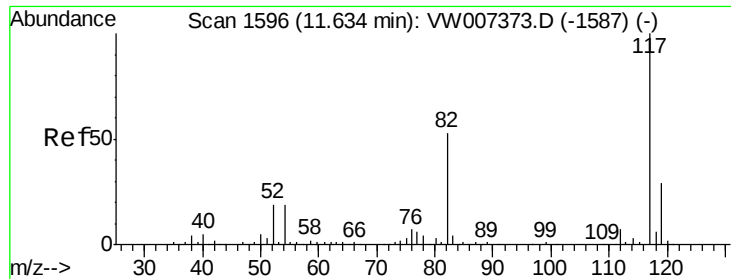
MMDadoda
 12/11/2018 4:55:50 PM



#62
 4-Bromofluorobenzene
 Concen: 80.435 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 95 Resp: 111309
 Ion Ratio Lower Upper
 95 100
 174 77.4 0.0 147.2
 176 77.4 0.0 138.8





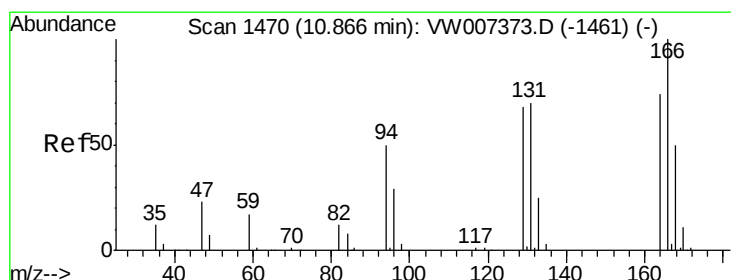
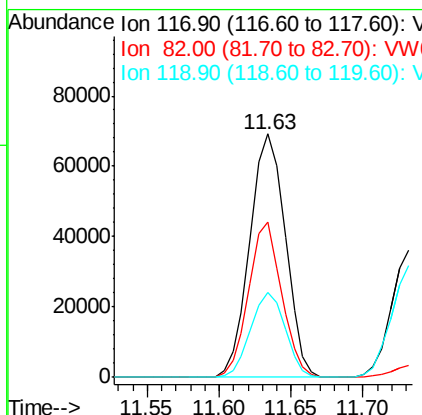
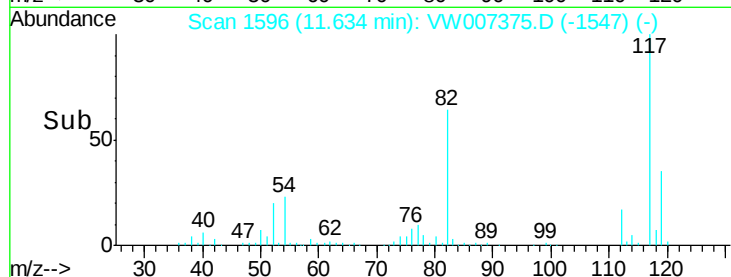
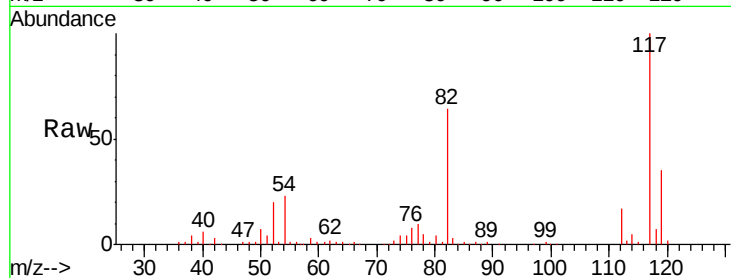
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	64.0	42.3	63.5#
119	35.1	23.0	34.6#

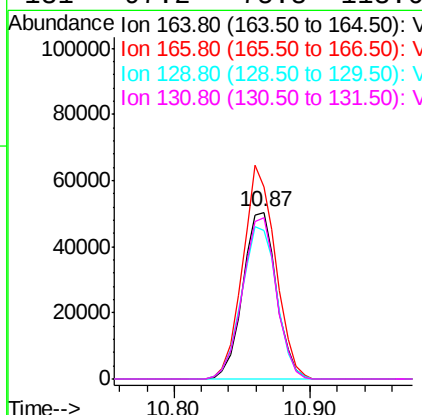
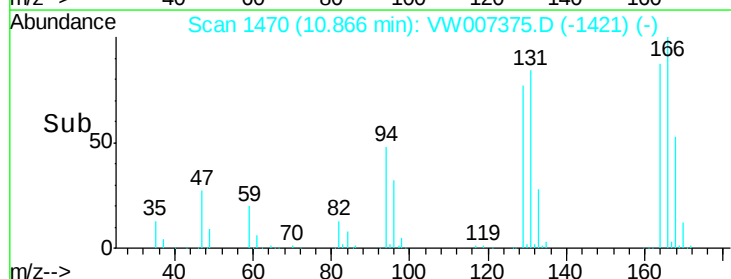
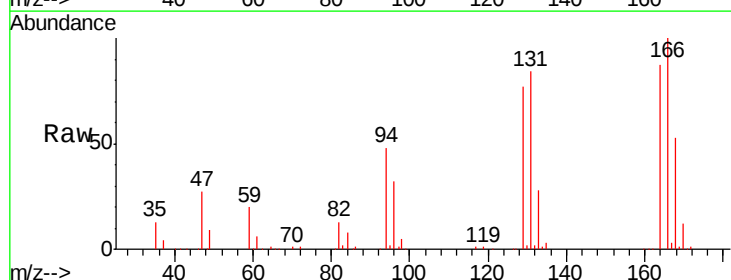
Manual Integrations
APPROVED

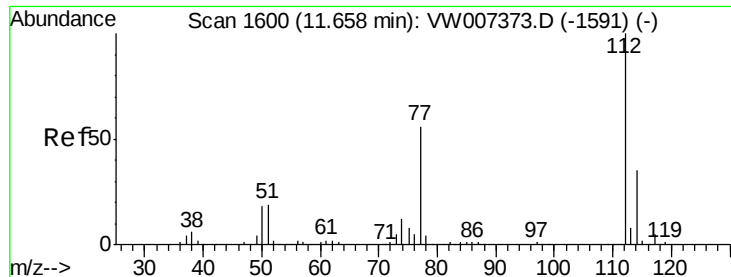
MMDadoda
12/11/2018 4:55:50 PM



#64
Tetrachloroethene
Concen: 101.909 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	115.3	107.9	161.9
129	89.2	73.4	110.2
131	97.2	75.8	113.6





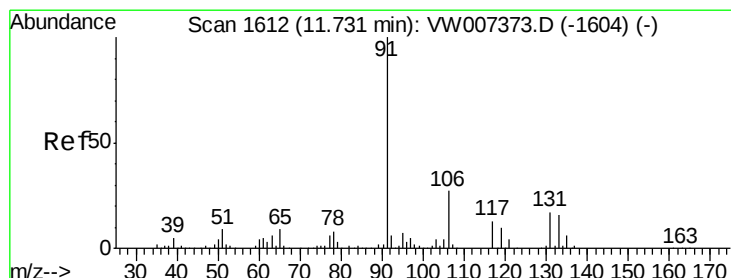
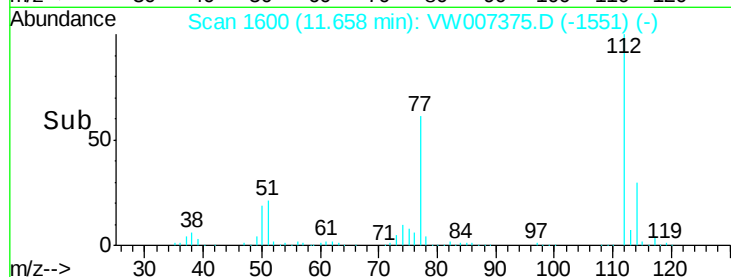
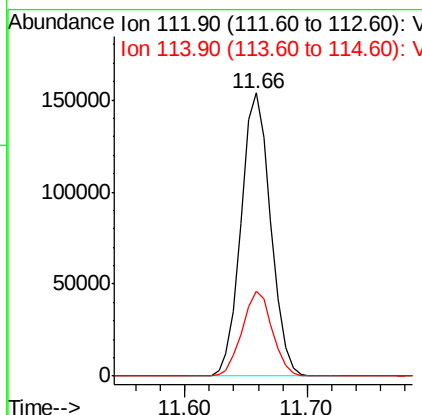
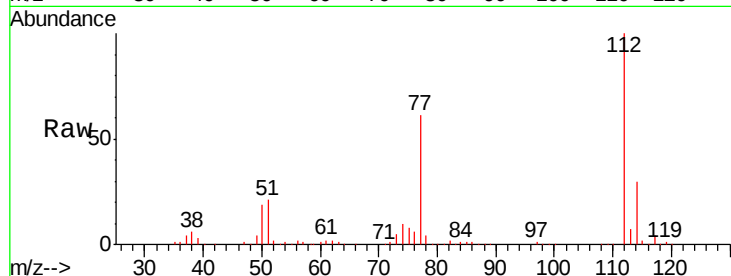
#65
Chlorobenzene
Concen: 99.157 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:112 Resp: 257220
Ion Ratio Lower Upper
112 100
114 30.1 27.8 41.8

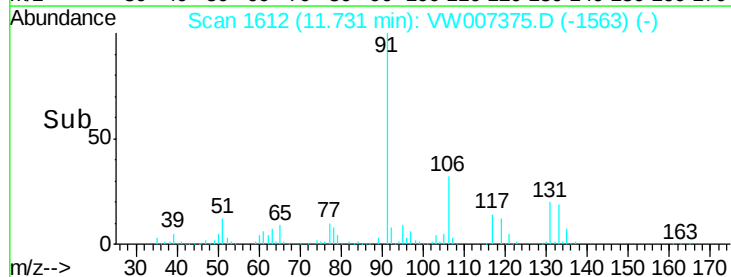
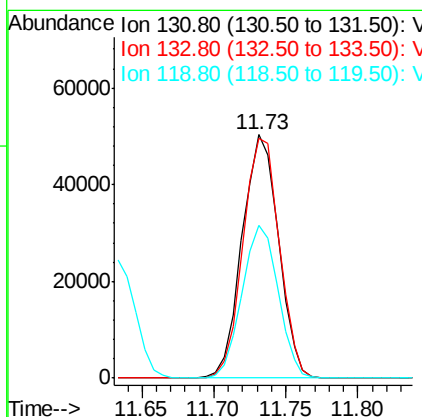
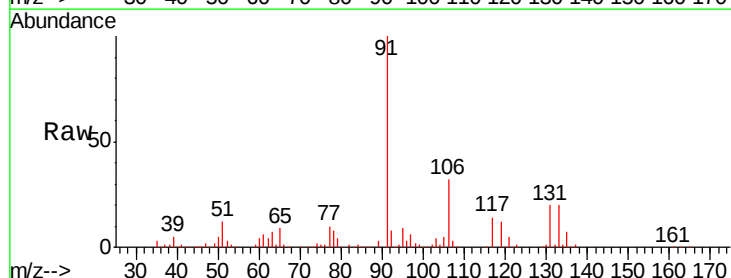
Manual Integrations
APPROVED

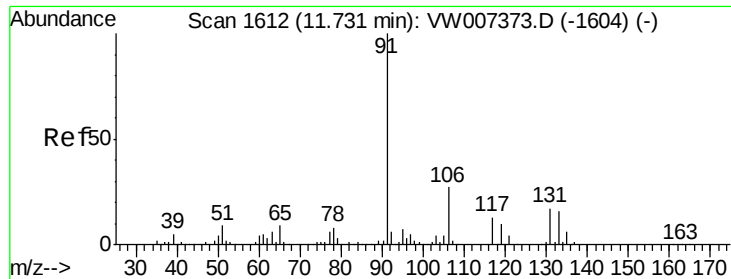
MMDadoda
12/11/2018 4:55:50 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 107.652 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:131 Resp: 88157
Ion Ratio Lower Upper
131 100
133 98.0 47.1 141.4
119 62.3 31.3 93.9





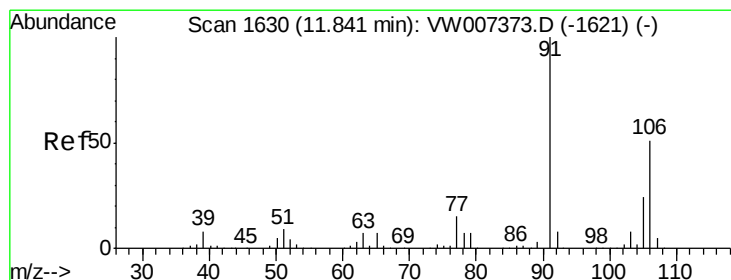
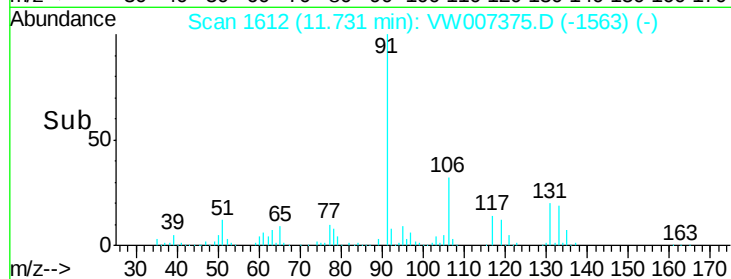
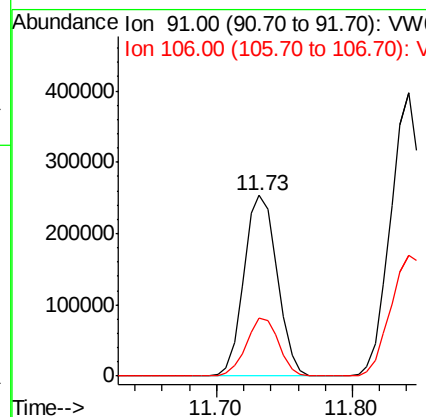
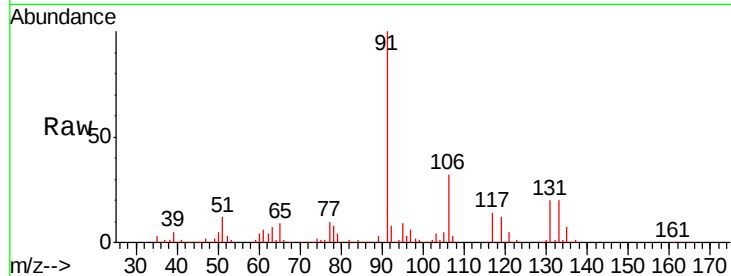
#67
Ethyl Benzene
Concen: 91.848 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 433372
Ion Ratio Lower Upper
91 100
106 32.1 21.8 32.8

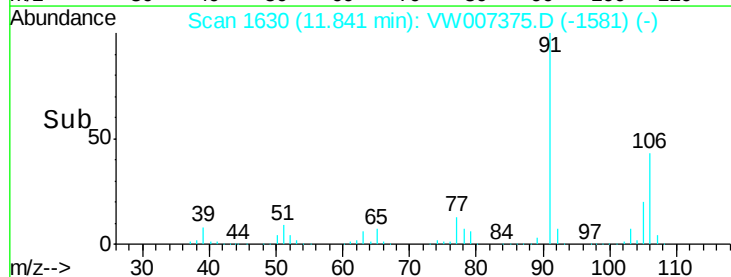
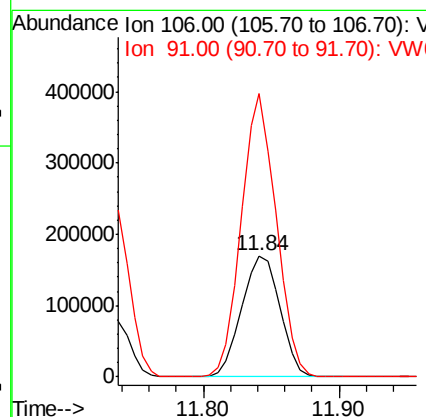
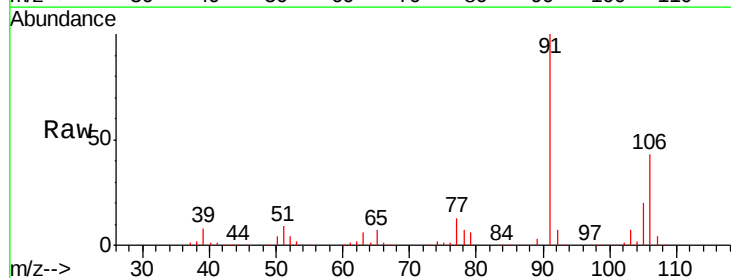
Manual Integrations
APPROVED

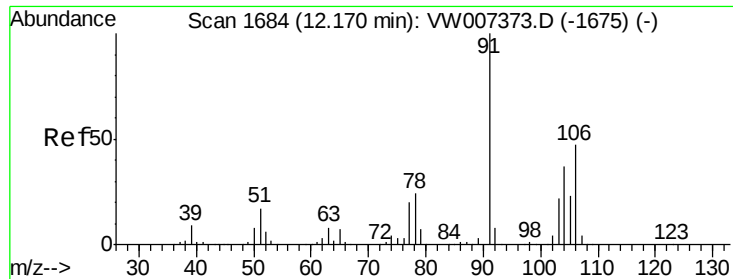
MMDadoda
12/11/2018 4:55:50 PM



#68
m/p-Xylenes
Concen: 181.839 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 106 Resp: 334516
Ion Ratio Lower Upper
106 100
91 212.5 165.3 247.9





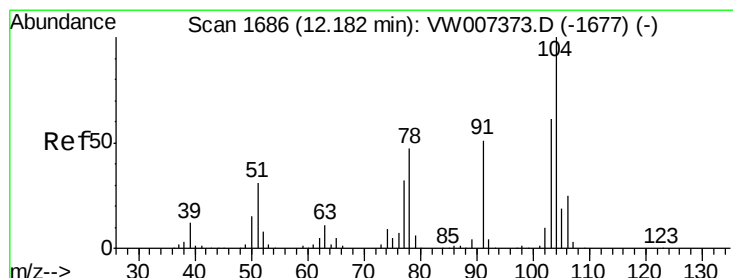
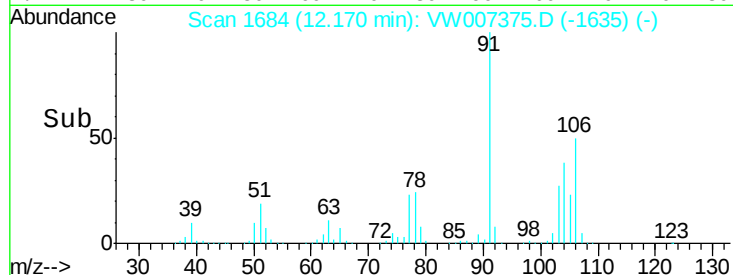
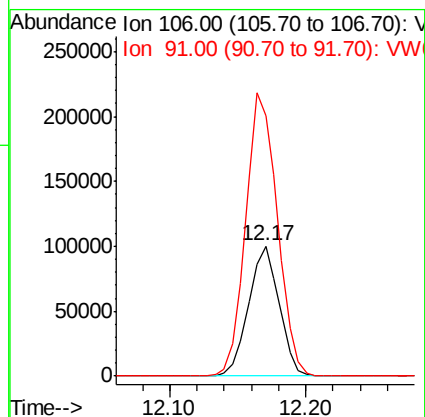
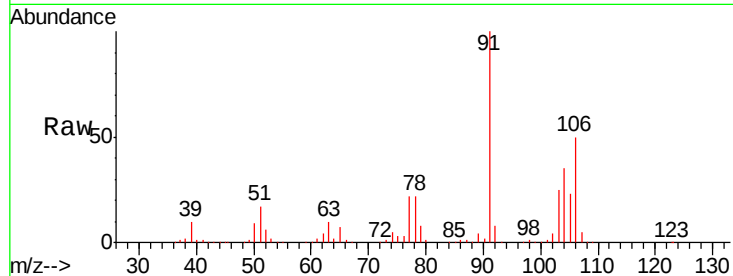
#69
o-Xylene
Concen: 91.044 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion:106 Resp: 157774
Ion Ratio Lower Upper
106 100
91 225.5 106.6 319.8

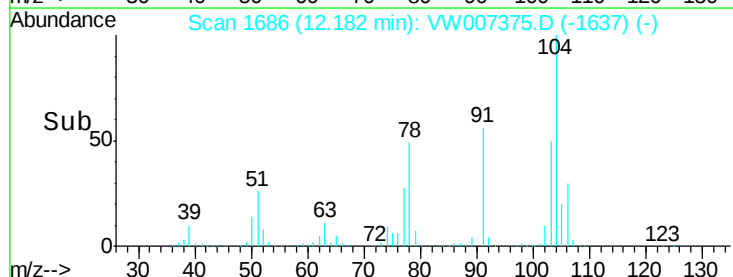
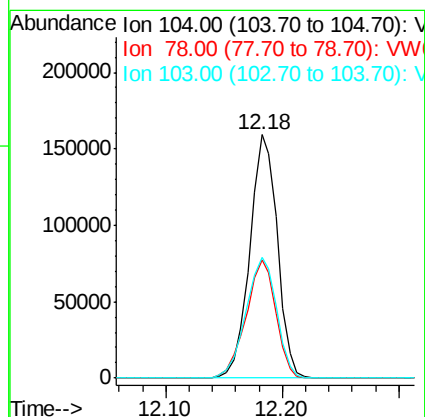
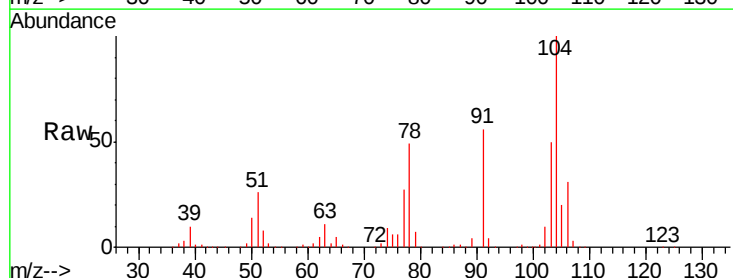
Manual Integrations
APPROVED

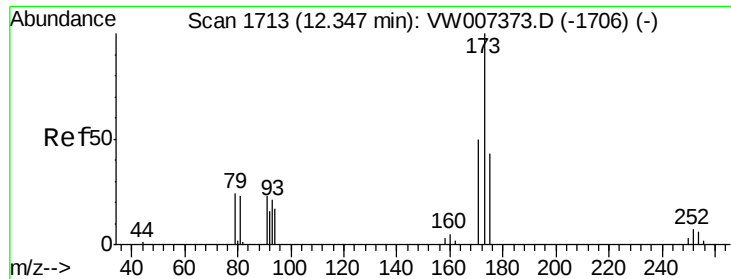
MMDadoda
12/11/2018 4:55:50 PM



#70
Styrene
Concen: 93.237 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:104 Resp: 262445
Ion Ratio Lower Upper
104 100
78 52.8 41.8 62.8
103 55.4 46.6 69.8





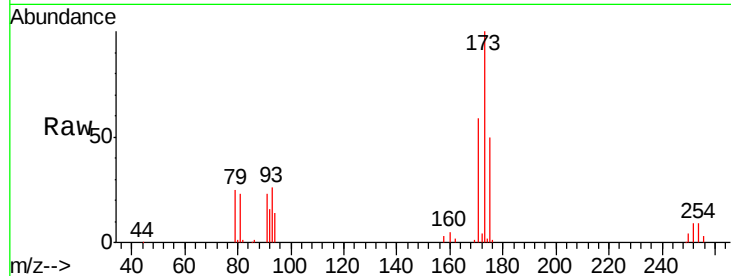
#71
Bromoform
Concen: 111.788 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

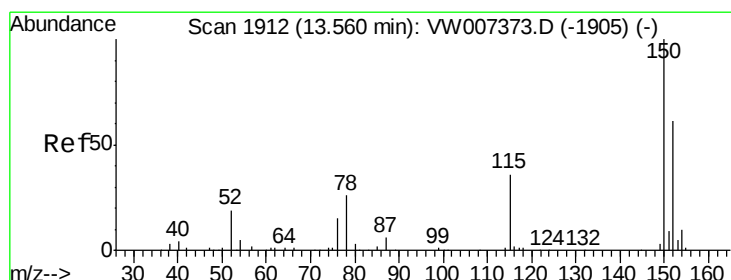
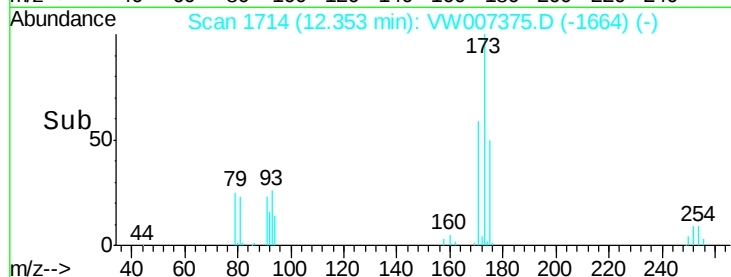
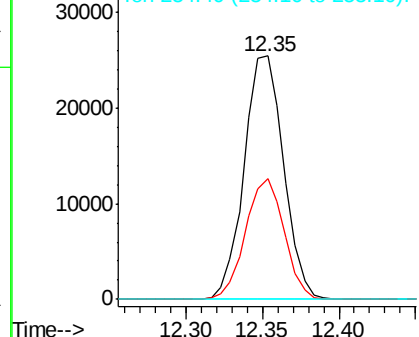
Tgt Ion:173 Resp: 45705
Ion Ratio Lower Upper
173 100
175 48.7 23.6 70.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM

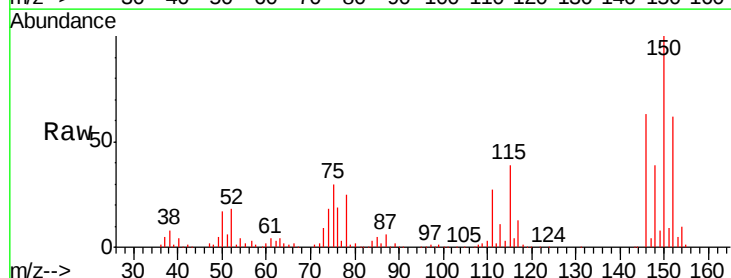


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

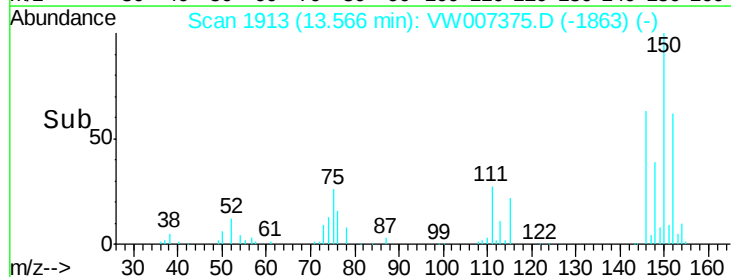
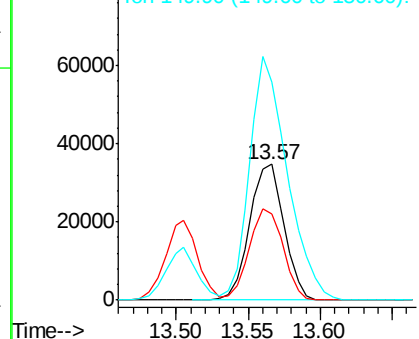


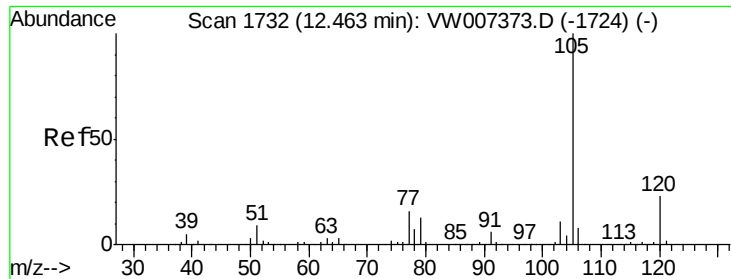
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion:152 Resp: 57146
Ion Ratio Lower Upper
152 100
115 66.3 31.4 94.2
150 196.8 0.0 358.4



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





#73

Isopropylbenzene

Concen: 102.169 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC100

Tgt Ion: 105 Resp: 466986

Ion Ratio Lower Upper

105 100

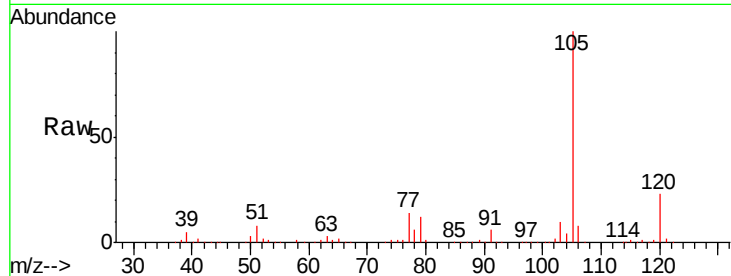
120 25.2 12.8 38.4

Manual Integrations

APPROVED

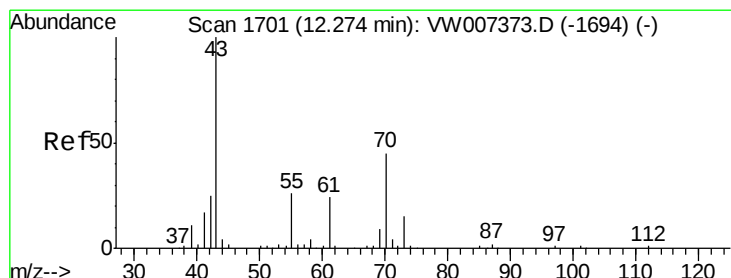
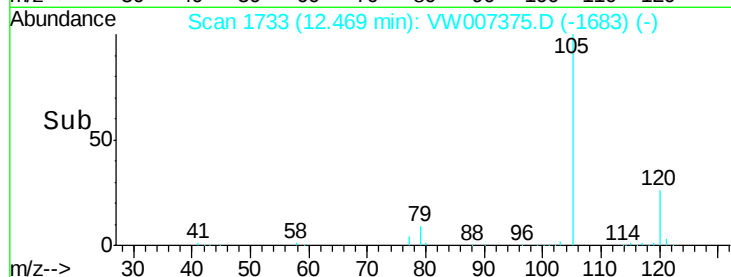
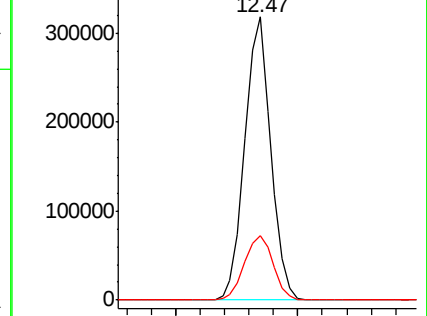
MMDadoda

12/11/2018 4:55:50 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 108.842 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.01 min

Lab File: VW007375.D

Acq: 11 Dec 2018 00:57

Tgt Ion: 43 Resp: 87658

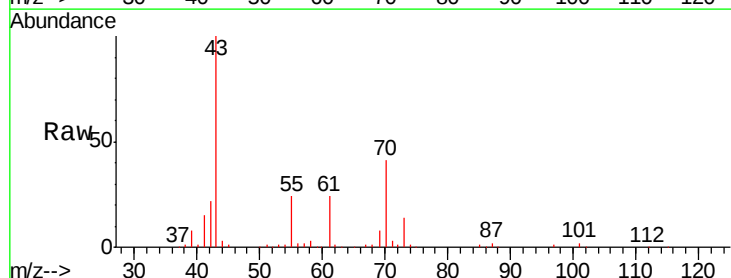
Ion Ratio Lower Upper

43 100

70 43.3 36.5 54.7

55 25.5 20.1 30.1

61 24.4 19.3 28.9

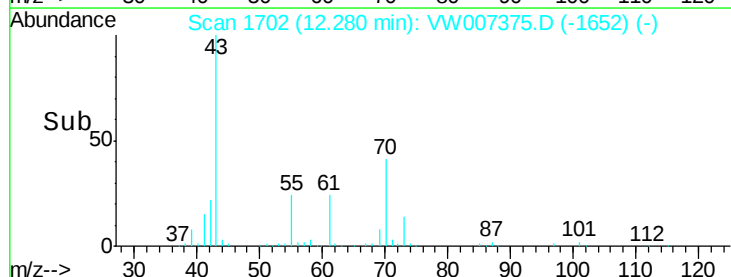
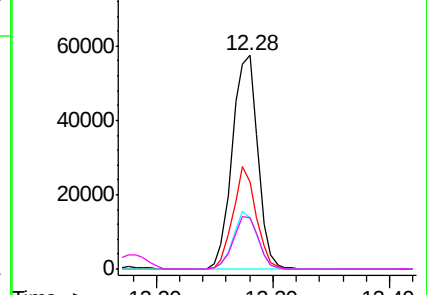


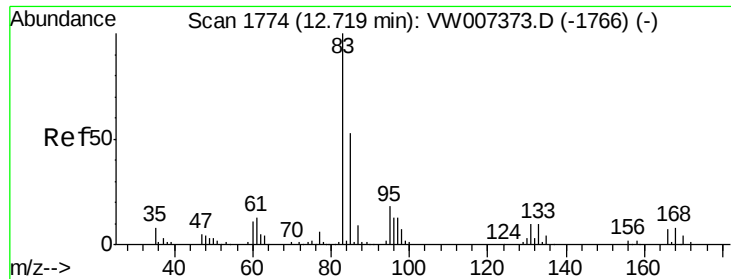
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





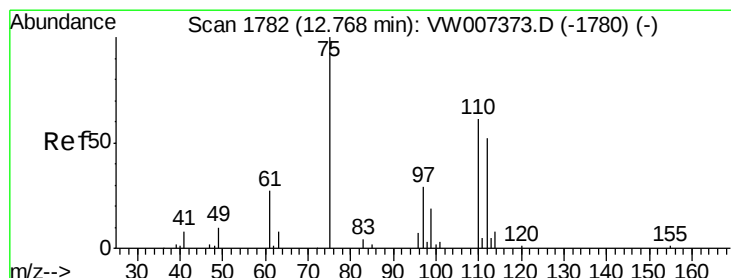
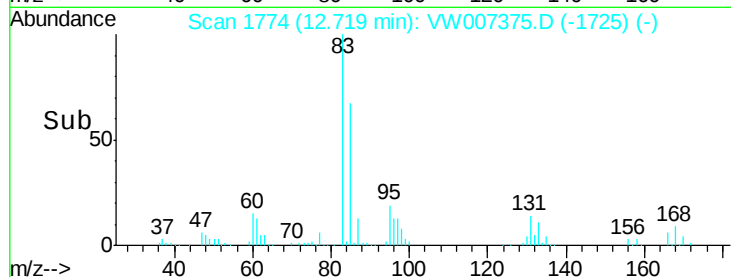
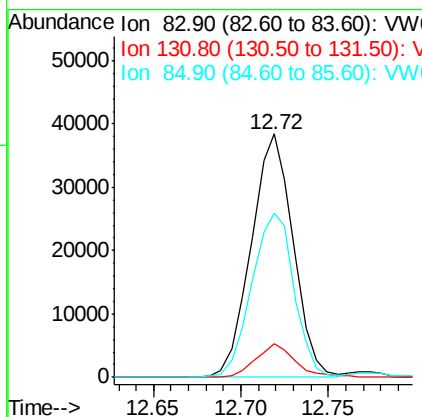
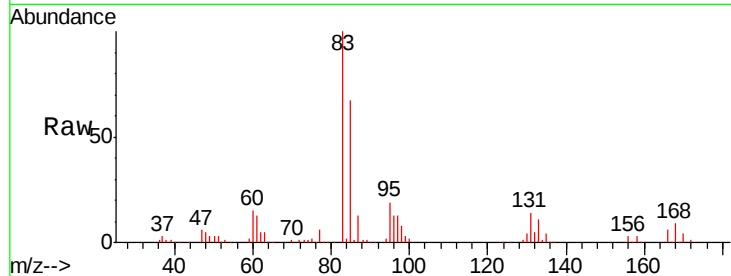
#75
 1,1,2,2-Tetrachloroethane
 Concen: 104.324 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
83	100		
131	13.2	5.9	17.8
85	68.2	30.0	90.0

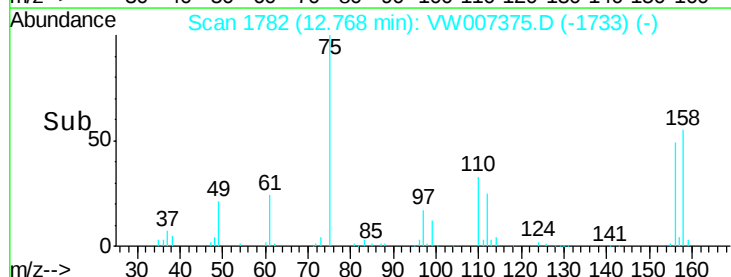
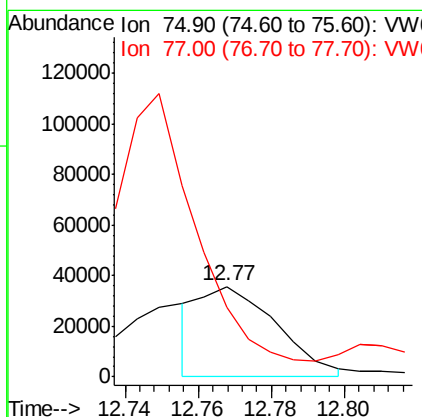
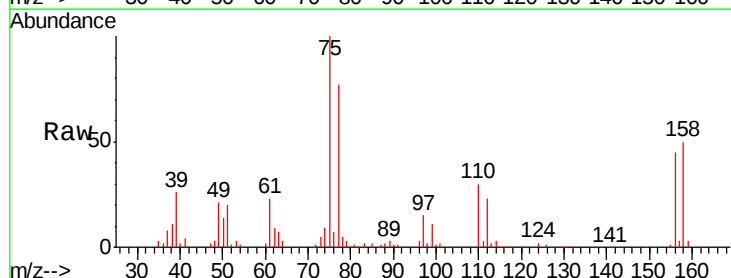
Manual Integrations
 APPROVED

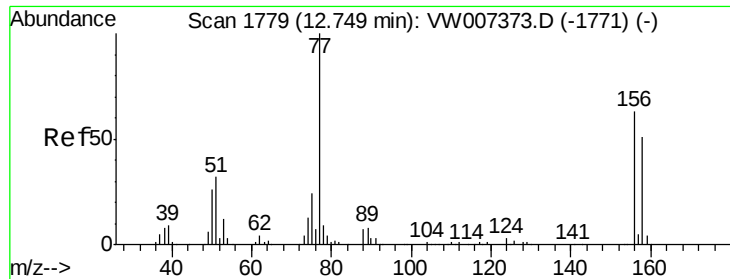
MMDadoda
 12/11/2018 4:55:50 PM



#76
 1,2,3-Trichloropropane
 Concen: 113.854 ug/l m
 RT: 12.77 min Scan# 1782
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
75	100		
77	353.8	166.9	500.8





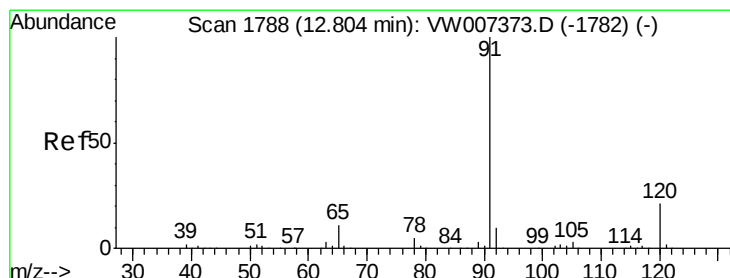
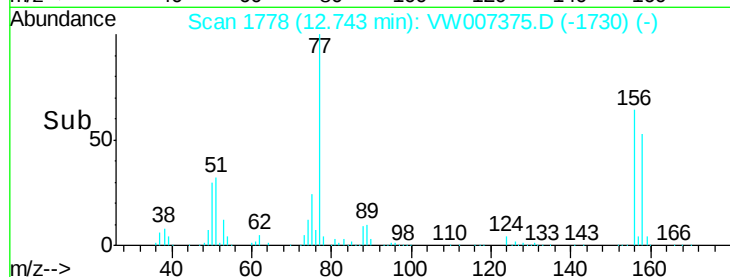
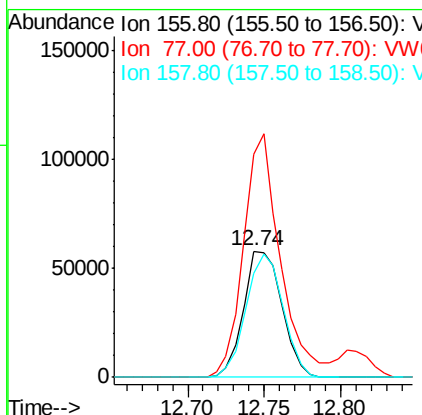
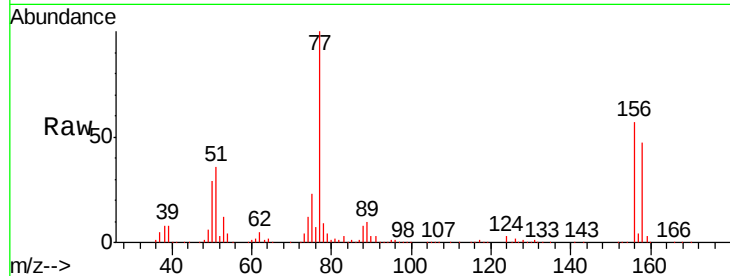
#77
Bromobenzene
Concen: 100.993 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	101345		
77	185.2	88.1	264.4	
158	94.8	45.6	136.7	

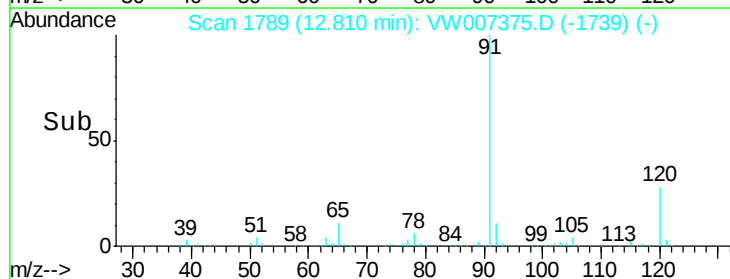
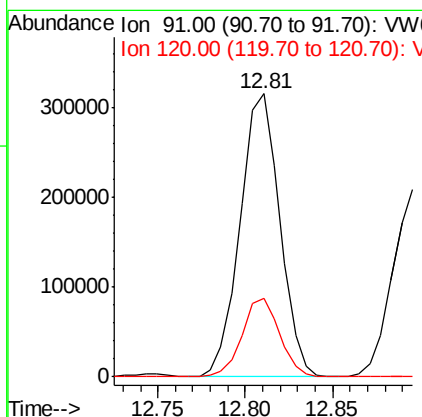
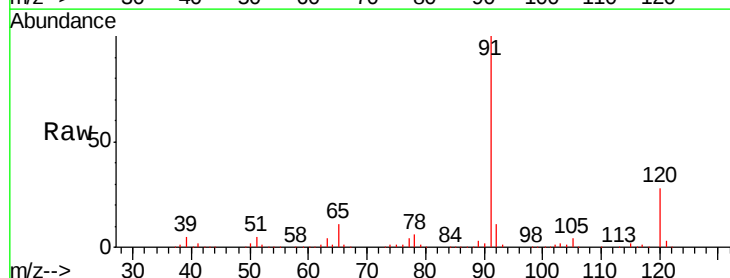
Manual Integrations
APPROVED

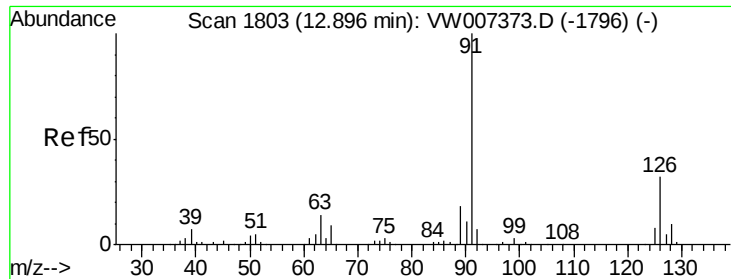
MMDadoda
12/11/2018 4:55:50 PM



#78
n-propylbenzene
Concen: 90.783 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	498340		
120	26.1	11.9	35.5	





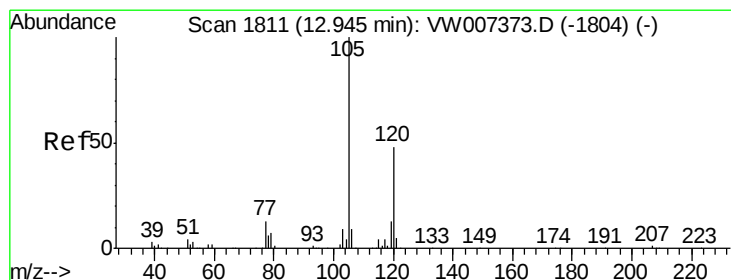
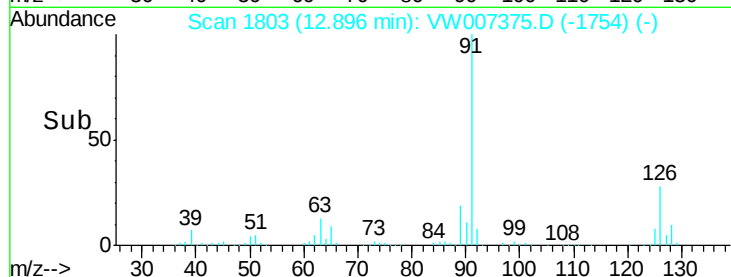
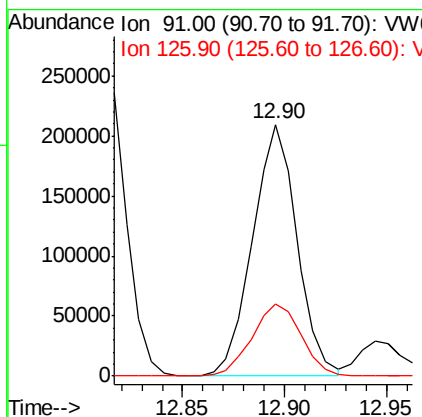
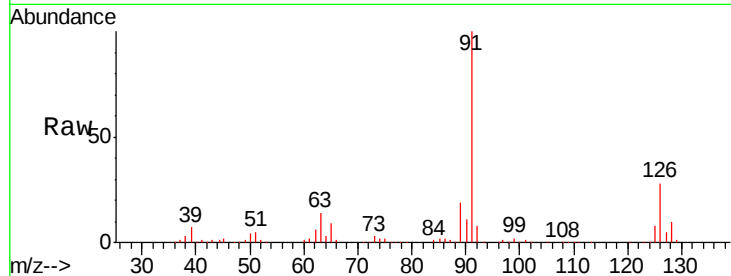
#79
 2-Chlorotoluene
 Concen: 101.914 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion: 91 Resp: 317388
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.6

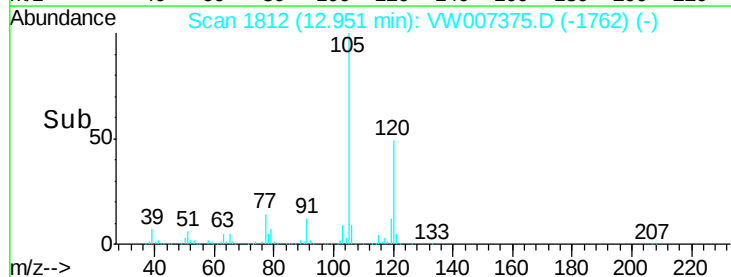
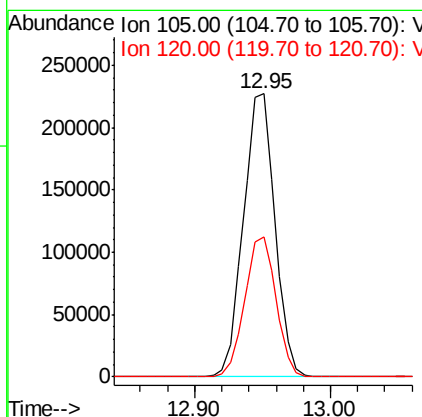
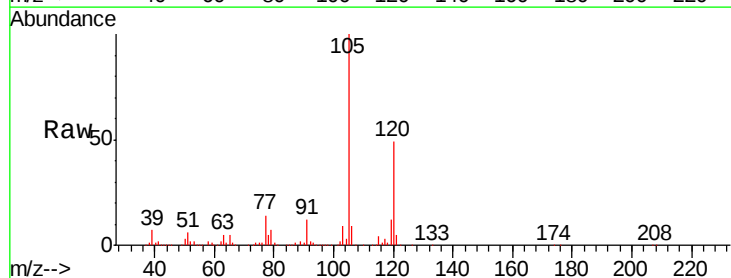
Manual Integrations
 APPROVED

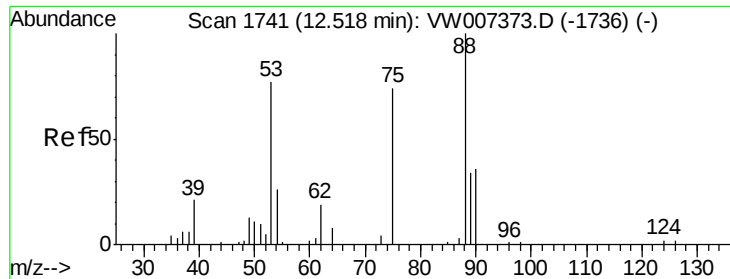
MMDadoda
 12/11/2018 4:55:50 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 94.024 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion: 105 Resp: 367986
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.8 71.4





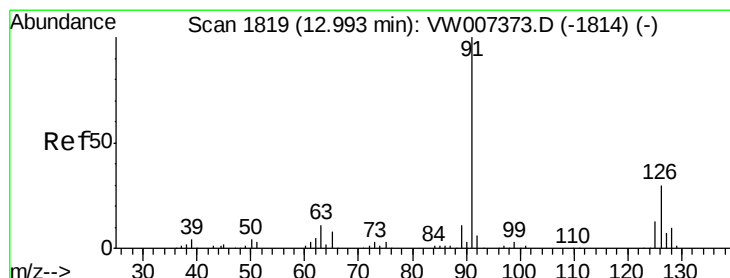
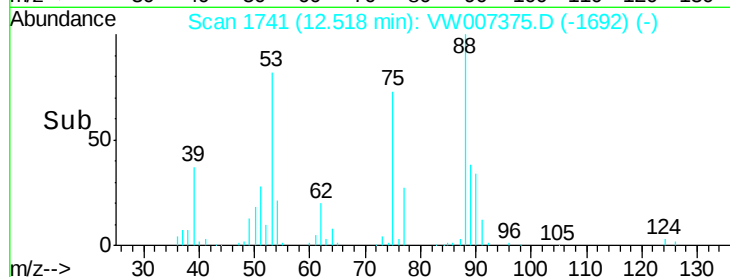
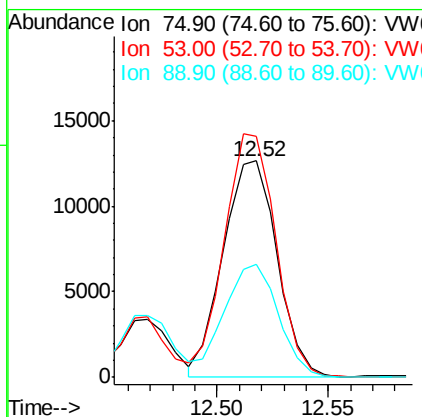
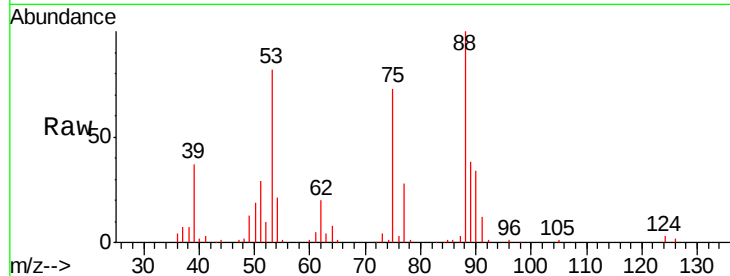
#81
trans-1,4-Dichloro-2-butene
Concen: 105.567 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Lower	Upper
75	100		
53	107.2	84.9	127.3
89	52.6	40.3	60.5

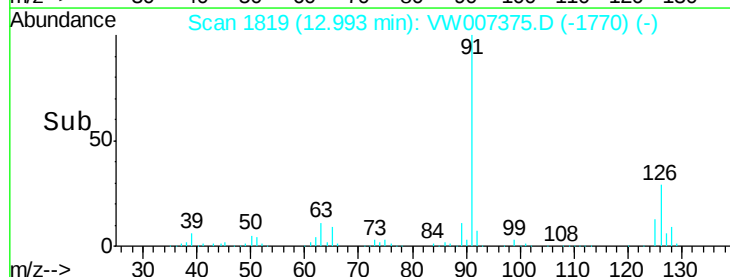
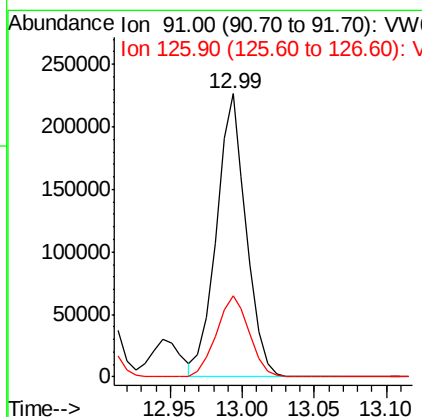
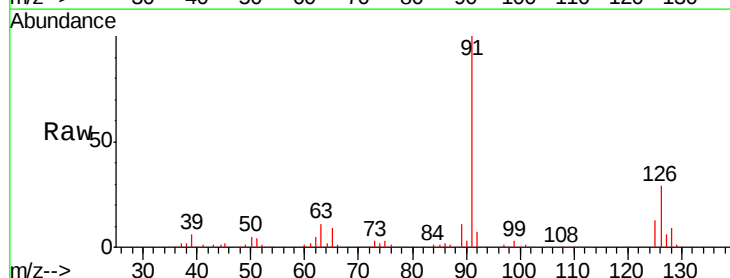
Manual Integrations
APPROVED

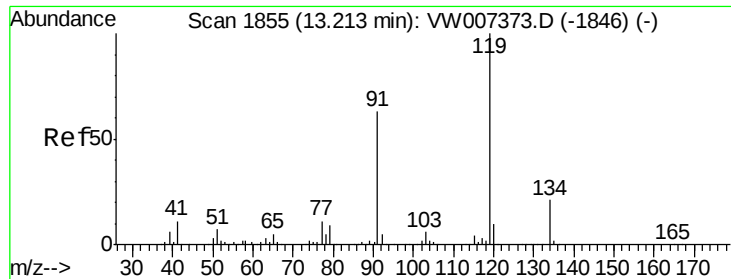
MMDadoda
12/11/2018 4:55:50 PM



#82
4-Chlorotoluene
Concen: 98.285 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.7	16.0	48.0





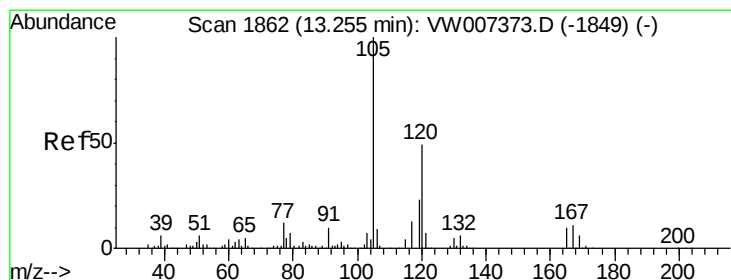
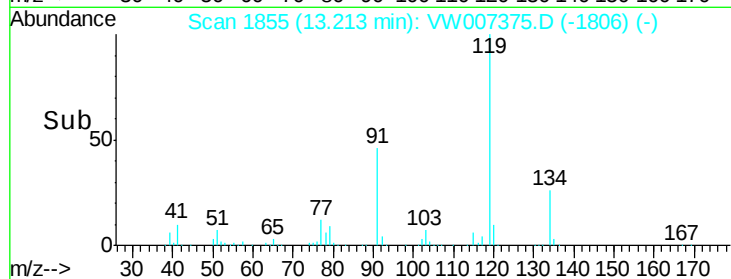
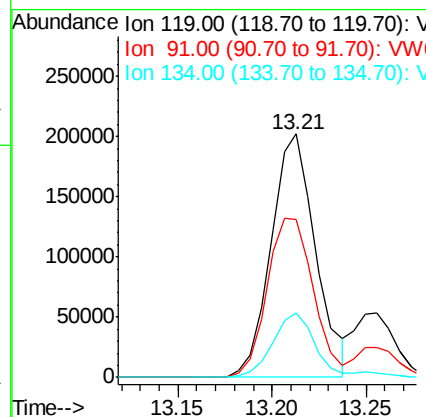
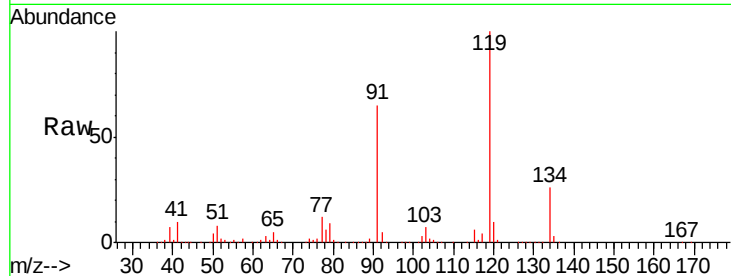
#83
 tert-Butylbenzene
 Concen: 95.597 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	330292		
91	68.0	33.1	99.2	
134	24.9	12.5	37.5	

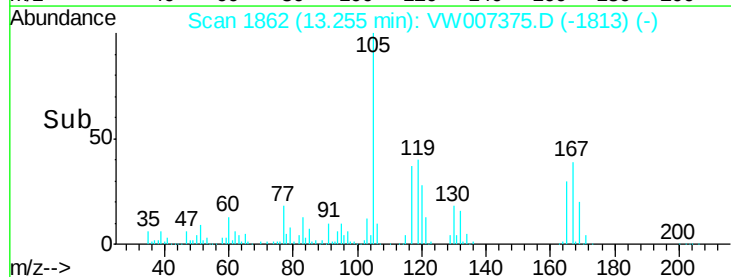
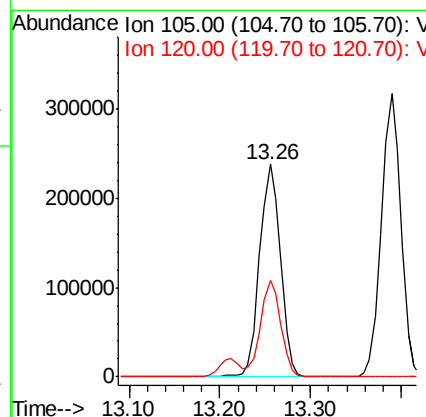
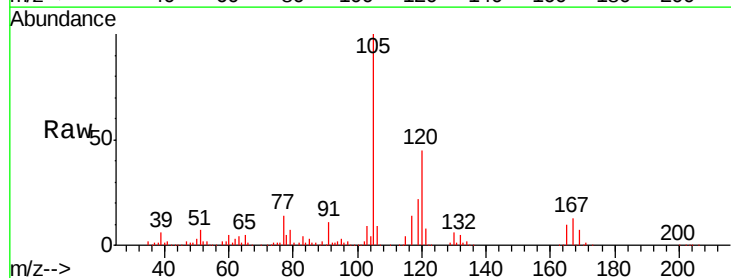
Manual Integrations
 APPROVED

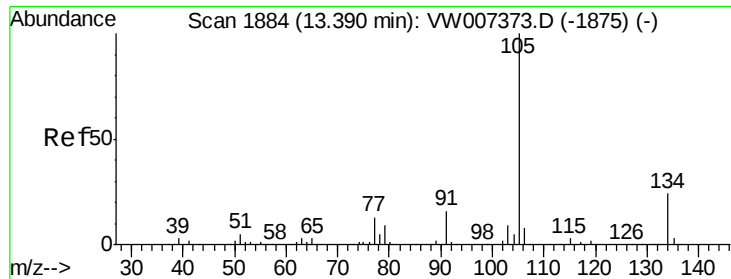
MMDadoda
 12/11/2018 4:55:50 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 94.721 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	379358		
120	44.3	22.6	67.7	





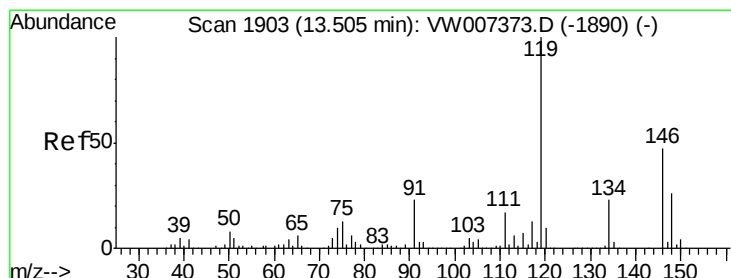
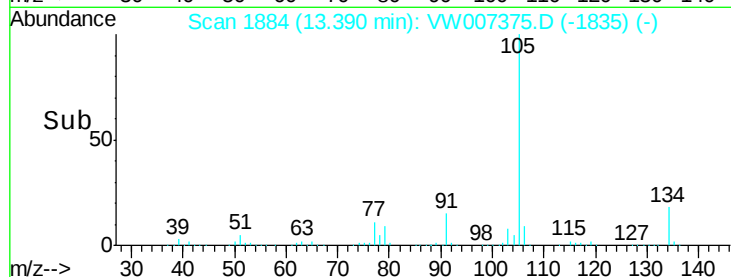
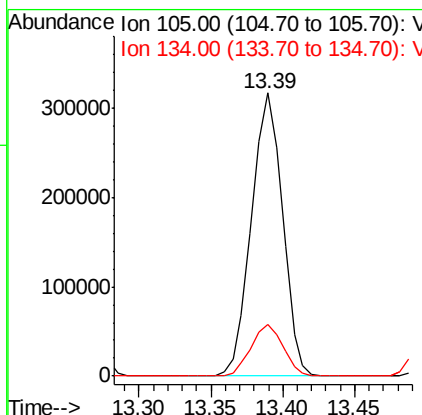
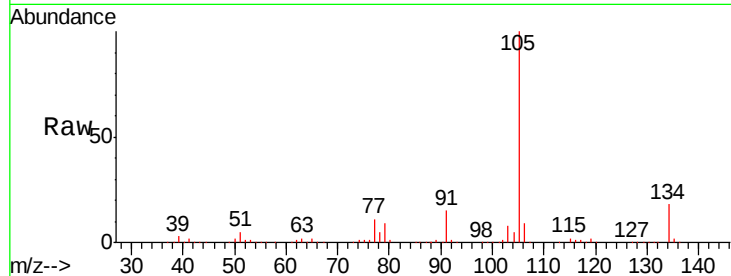
#85
 sec-Butylbenzene
 Concen: 97.313 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion:105 Resp: 473933
 Ion Ratio Lower Upper
 105 100
 134 18.8 11.1 33.3

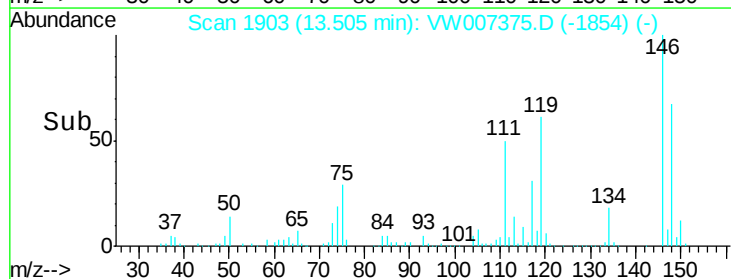
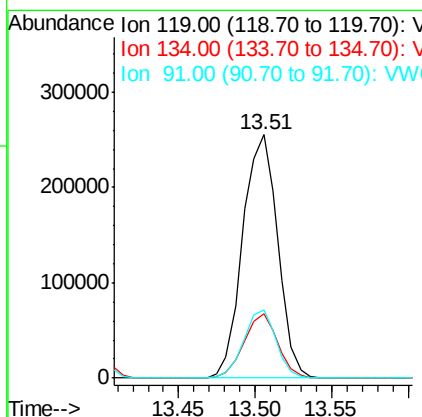
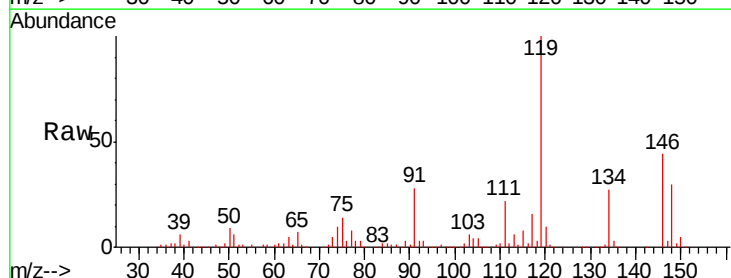
Manual Integrations
 APPROVED

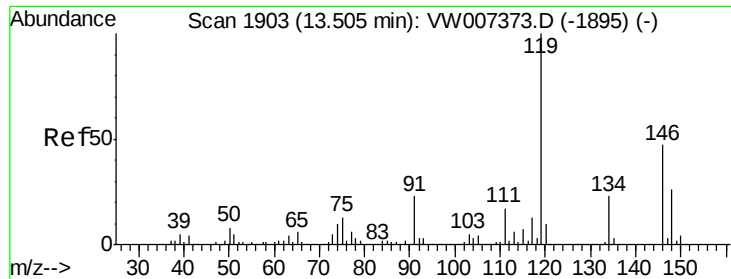
MMDadoda
 12/11/2018 4:55:50 PM



#86
 p-Isopropyltoluene
 Concen: 92.467 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion:119 Resp: 404998
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.9 38.7
 91 26.2 11.9 35.9





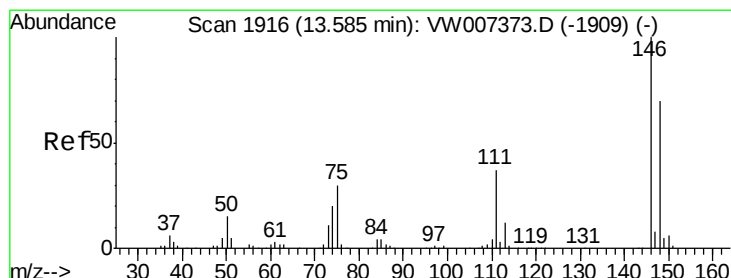
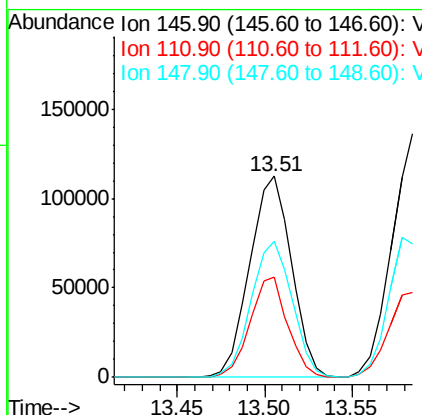
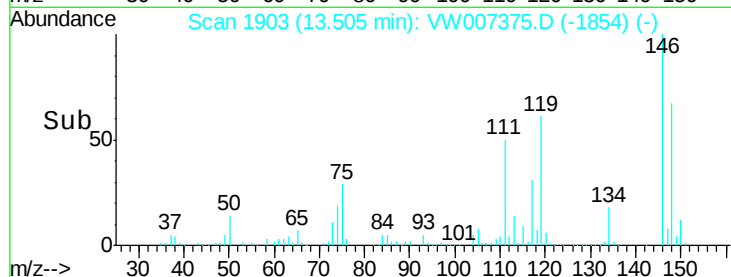
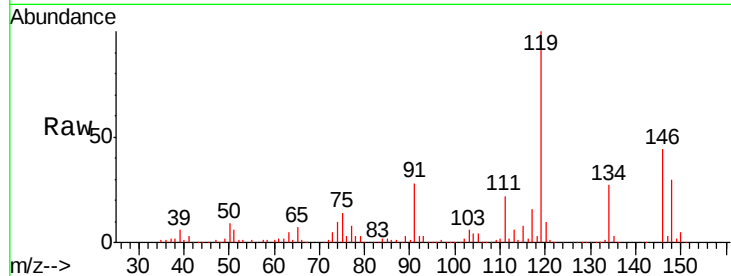
#87
 1,3-Dichlorobenzene
 Concen: 91.192 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.9	20.1	60.3
148	65.9	31.4	94.0

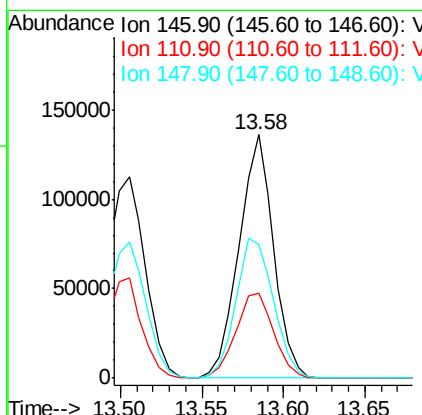
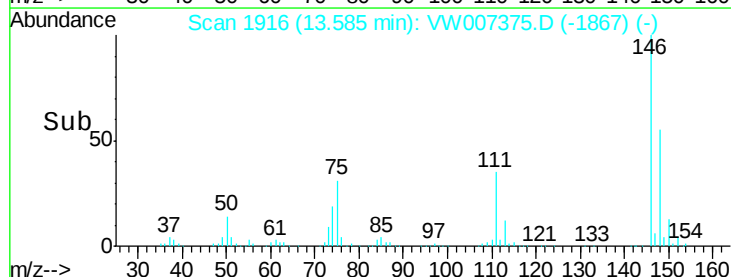
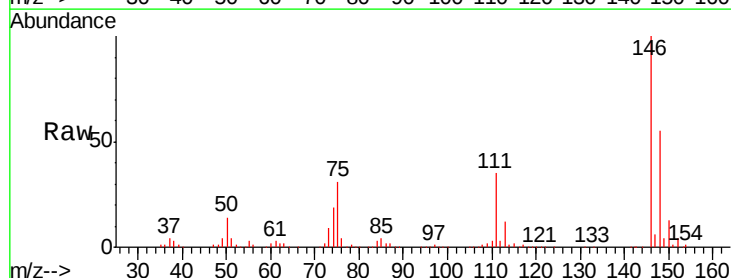
Manual Integrations
 APPROVED

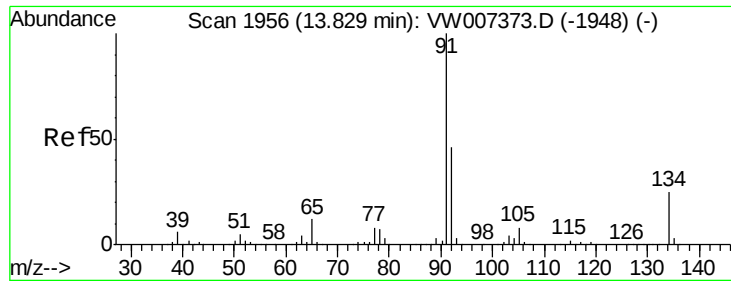
MMDadoda
 12/11/2018 4:55:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 97.869 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	20.3	61.0
148	62.4	33.5	100.5





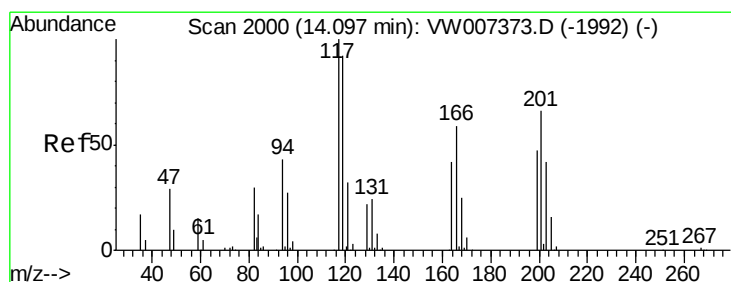
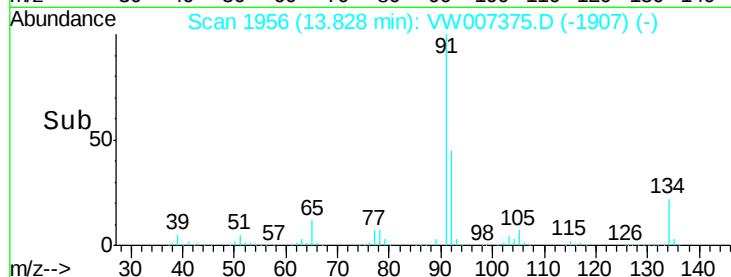
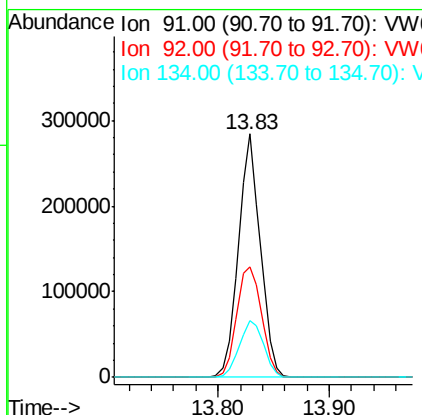
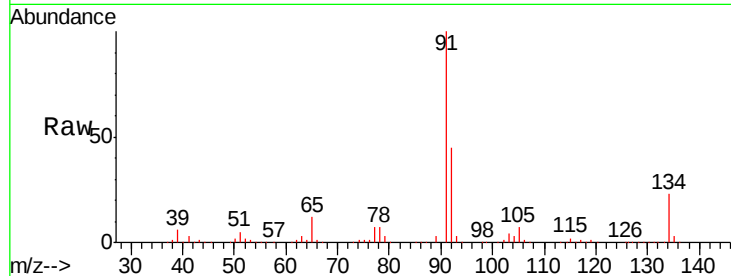
#89
n-Butylbenzene
Concen: 94.687 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 385317
Ion Ratio Lower Upper
91 100
92 51.8 25.7 77.1
134 25.9 13.4 40.2

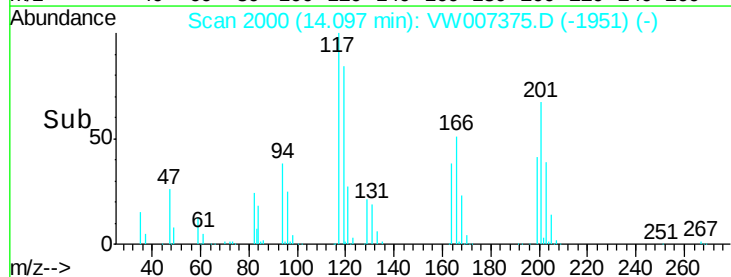
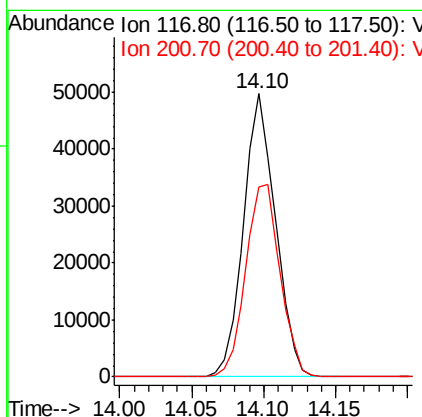
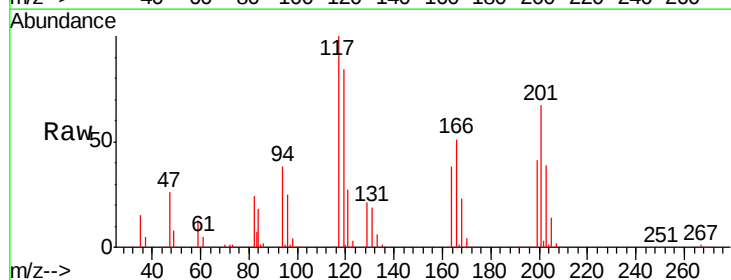
Manual Integrations
APPROVED

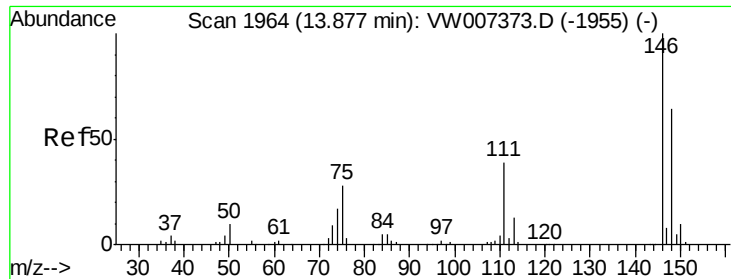
MMDadoda
12/11/2018 4:55:50 PM



#90
Hexachloroethane
Concen: 113.341 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion: 117 Resp: 76457
Ion Ratio Lower Upper
117 100
201 73.0 35.3 105.9





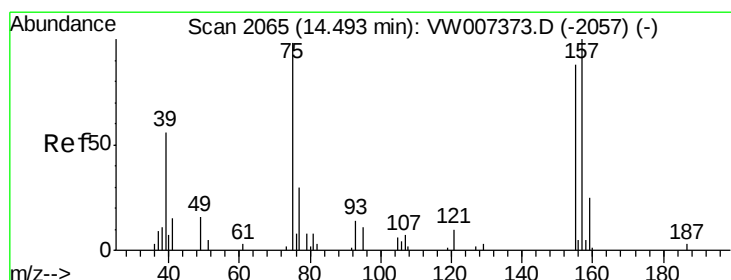
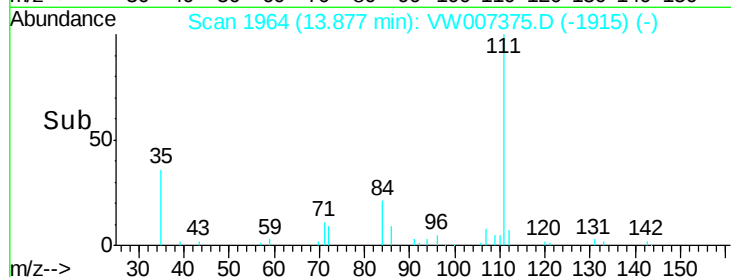
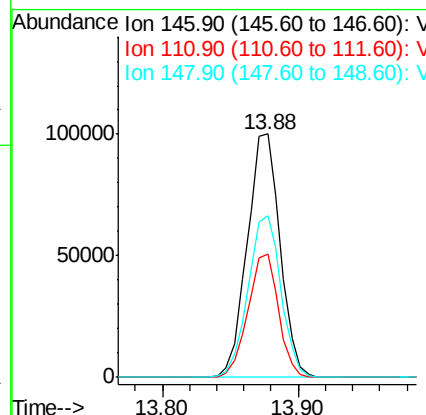
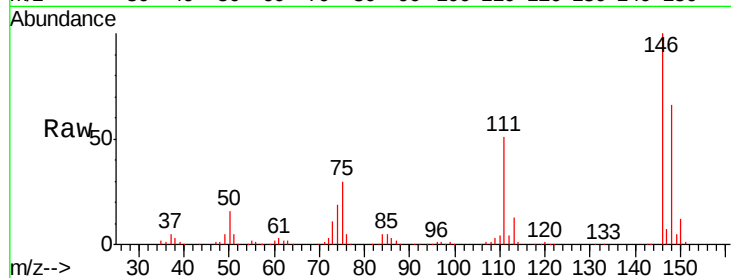
#91
 1,2-Dichlorobenzene
 Concen: 96.215 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	169566		
111	47.1	22.4	67.2	
148	66.5	32.4	97.2	

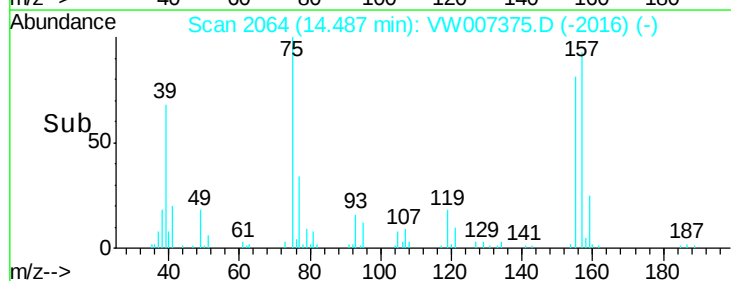
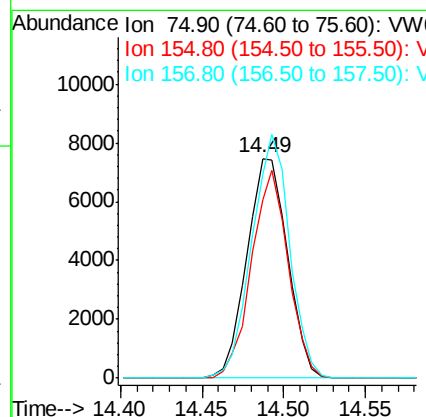
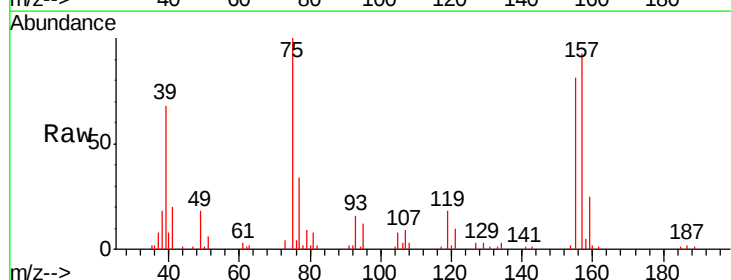
Manual Integrations
 APPROVED

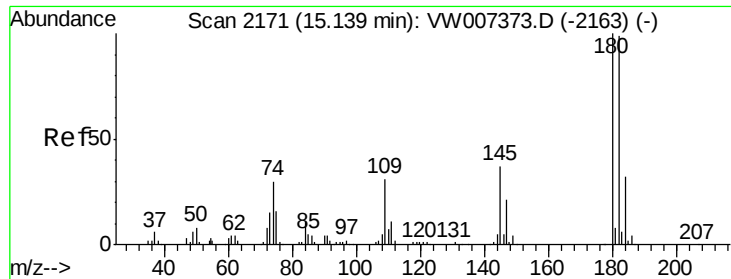
MMDadoda
 12/11/2018 4:55:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 109.171 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007375.D
 Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	12952		
155	85.8	40.8	122.2	
157	103.5	51.1	153.4	





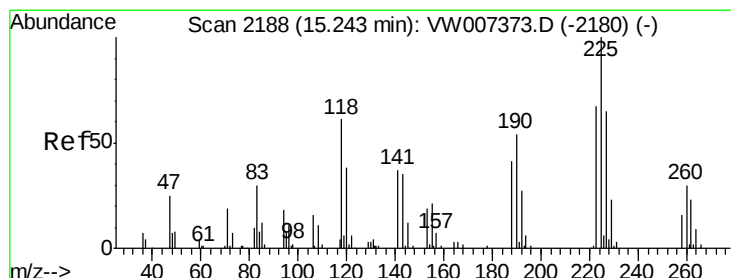
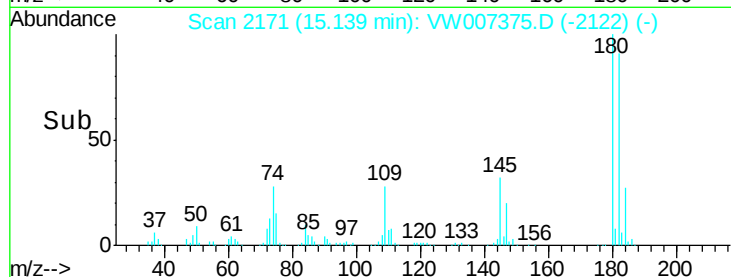
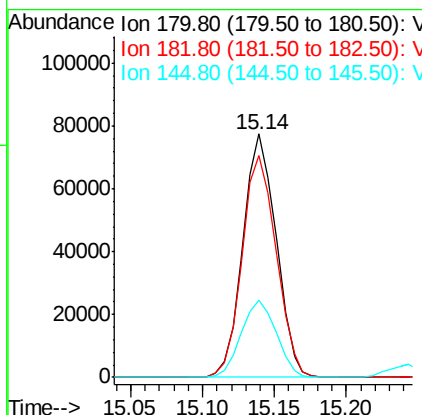
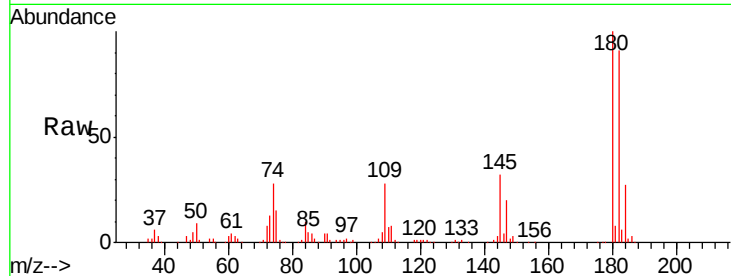
#93
1,2,4-Trichlorobenzene
Concen: 101.422 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.6	49.9	149.6
145	33.5	17.8	53.4

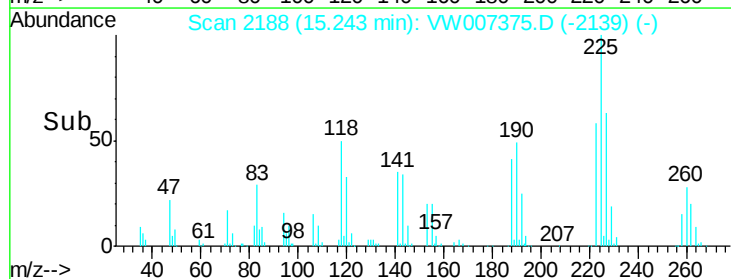
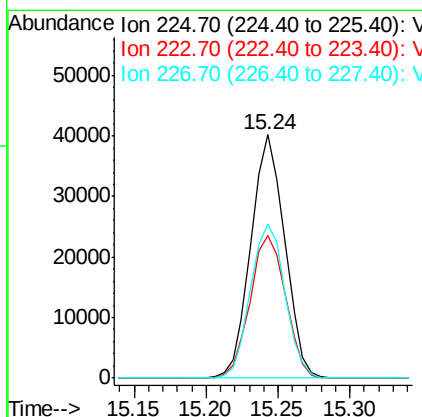
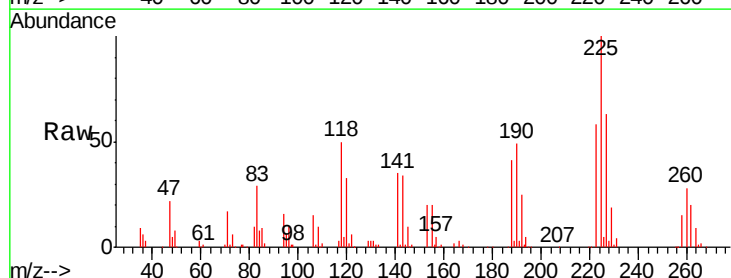
Manual Integrations
APPROVED

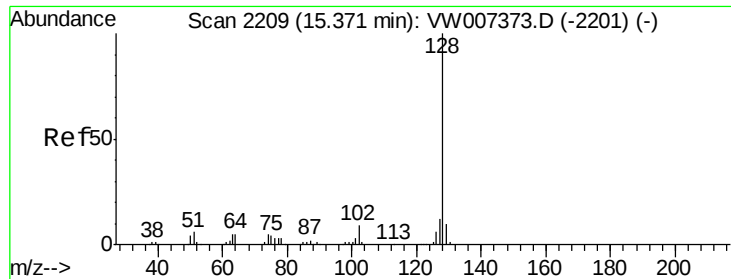
MMDadoda
12/11/2018 4:55:50 PM



#94
Hexachlorobutadiene
Concen: 98.734 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.5	32.1	96.3
227	64.6	31.9	95.9





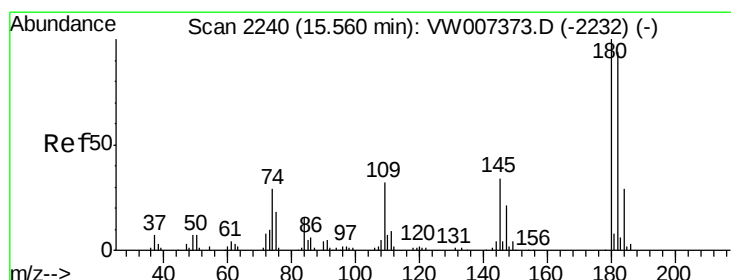
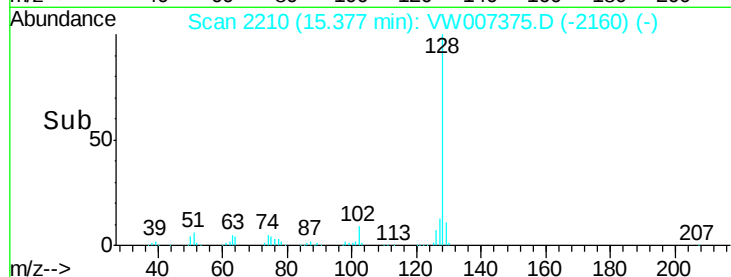
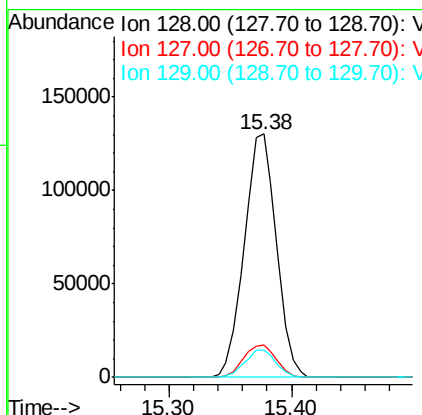
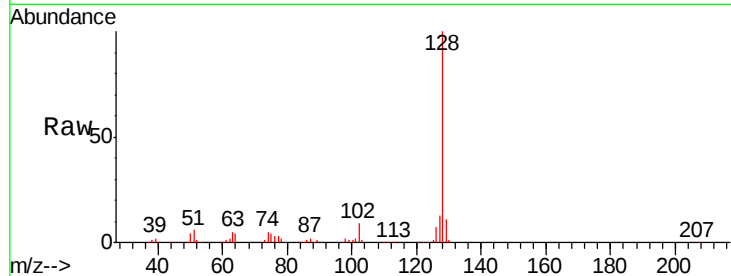
#95
Naphthalene
Concen: 106.871 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC100

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	237560		
127	13.4	10.2	15.4	
129	11.0	8.3	12.5	

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 101.041 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007375.D
Acq: 11 Dec 2018 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	105678		
182	94.0	45.6	136.7	
145	36.8	17.5	52.5	

