

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110818\
 Data File : VW006759.D
 Acq On : 08 Nov 2018 11:48
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/9/2018 1:37:38 PM

Quant Time: Nov 09 11:18:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	314409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427717	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	224991	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	112060	41.46	ug/l	0.00
Spiked Amount			Recovery	=	82.92%	
35) Dibromofluoromethane	7.88	113	125616	46.80	ug/l	0.00
Spiked Amount			Recovery	=	93.60%	
50) Toluene-d8	10.33	98	487818	47.74	ug/l	0.00
Spiked Amount			Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.62	95	173583	46.86	ug/l	0.00
Spiked Amount			Recovery	=	93.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	84715	51.976	ug/l	99
3) Chloromethane	2.21	50	96435	47.820	ug/l	100
4) Vinyl Chloride	2.37	62	148235	52.643	ug/l	99
5) Bromomethane	2.79	94	115610	48.923	ug/l	99
6) Chloroethane	2.93	64	100999	51.335	ug/l	98
7) Trichlorofluoromethane	3.26	101	136935	55.070	ug/l	96
8) Diethyl Ether	3.68	74	57681	42.436	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	147484	55.544	ug/l	100
10) Methyl Iodide	4.26	142	231268	48.036	ug/l	100
11) Tert butyl alcohol	5.23	59	29700	203.961	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	134296	52.366	ug/l	98
13) Acrolein	3.90	56	39632	216.396	ug/l	99
14) Allyl chloride	4.67	41	170434	50.913	ug/l	99
15) Acrylonitrile	5.37	53	108829	223.297	ug/l	99
16) Acetone	4.15	43	121542	278.549	ug/l	99
17) Carbon Disulfide	4.37	76	385063	52.763	ug/l	100
18) Methyl Acetate	4.68	43	52740	42.034	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	164812	43.174	ug/l	98
20) Methylene Chloride	4.91	84	136007	47.839	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	146991	50.653	ug/l	99
22) Diisopropyl ether	6.31	45	333314	47.760	ug/l	99
23) Vinyl Acetate	6.26	43	892290	230.558	ug/l	99
24) 1,1-Dichloroethane	6.21	63	236644	50.032	ug/l	100
25) 2-Butanone	7.18	43	142584	228.999	ug/l	97
26) 2,2-Dichloropropane	7.16	77	163499	57.384	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	159468	49.119	ug/l	99
28) Bromochloromethane	7.51	49	84097	44.777	ug/l	99
29) Tetrahydrofuran	7.54	42	80979	206.776	ug/l	99
30) Chloroform	7.68	83	256284	49.421	ug/l	99
31) Cyclohexane	7.96	56	216902	50.385	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	232656	53.021	ug/l	100
36) 1,1-Dichloropropene	8.08	75	207732	55.228	ug/l	99
37) Ethyl Acetate	7.26	43	57865	44.393	ug/l	99
38) Carbon Tetrachloride	8.07	117	228551	58.151	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	274946	57.601	ug/l	99
40) Benzene	8.32	78	578638	54.161	ug/l	100
41) Methacrylonitrile	7.48	41	34454	43.106	ug/l	95
42) 1,2-Dichloroethane	8.40	62	149124	48.671	ug/l	100
43) Isopropyl Acetate	8.43	43	116406	44.753	ug/l	99
44) Trichloroethene	9.09	130	178364	54.102	ug/l	100
45) 1,2-Dichloropropane	9.37	63	132207	53.174	ug/l	97
46) Dibromomethane	9.46	93	72110	49.339	ug/l	99
47) Bromodichloromethane	9.65	83	178340	52.553	ug/l	98
48) Methyl methacrylate	9.44	41	56106	44.771	ug/l	97
49) 1,4-Dioxane	9.48	88	21046	983.950	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	301723	225.864	ug/l	100
52) Toluene	10.39	92	384154	53.610	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	173205	53.033	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	205736	53.307	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	101915	49.146	ug/l	95
56) Ethyl methacrylate	10.65	69	109523	46.468	ug/l	98
57) 1,3-Dichloropropane	10.93	76	165458	49.136	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	268929	234.720	ug/l	100
59) 2-Hexanone	10.97	43	220171	242.665	ug/l	99
60) Dibromochloromethane	11.13	129	127455	51.875	ug/l	100
61) 1,2-Dibromoethane	11.24	107	99177	48.160	ug/l	99
64) Tetrachloroethene	10.87	164	160292	51.885	ug/l	99
65) Chlorobenzene	11.66	112	440140	53.970	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	156603	54.633	ug/l	100
67) Ethyl Benzene	11.74	91	763801	56.033	ug/l	100
68) m/p-Xylenes	11.84	106	614701	112.872	ug/l	100
69) o-Xylene	12.17	106	285842	55.132	ug/l	100
70) Styrene	12.18	104	467752	55.337	ug/l	100
71) Bromoform	12.35	173	79038	52.017	ug/l #	99
73) Isopropylbenzene	12.47	105	821320	55.415	ug/l	100
74) N-amyl acetate	12.27	43	115587	45.131	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	110997	47.416	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	83332m	47.471	ug/l	
77) Bromobenzene	12.75	156	195270	50.886	ug/l	99
78) n-propylbenzene	12.81	91	963353	56.509	ug/l	100
79) 2-Chlorotoluene	12.90	91	527233	53.889	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	687795	55.237	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33570	49.550	ug/l	95
82) 4-Chlorotoluene	12.99	91	558680	53.975	ug/l	100
83) tert-Butylbenzene	13.21	119	624980	56.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	695792	54.479	ug/l	99
85) sec-Butylbenzene	13.39	105	891624	57.332	ug/l	100
86) p-Isopropyltoluene	13.51	119	817139	57.744	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	405434	53.648	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	399626	53.346	ug/l	100
89) n-Butylbenzene	13.83	91	740387	58.940	ug/l	100
90) Hexachloroethane	14.10	117	136742	58.794	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	352184	51.808	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16759	44.121	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	267173	52.856	ug/l	100
94) Hexachlorobutadiene	15.24	225	181557	57.630	ug/l	99
95) Naphthalene	15.38	128	393357	48.419	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	227091	51.118	ug/l	99

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

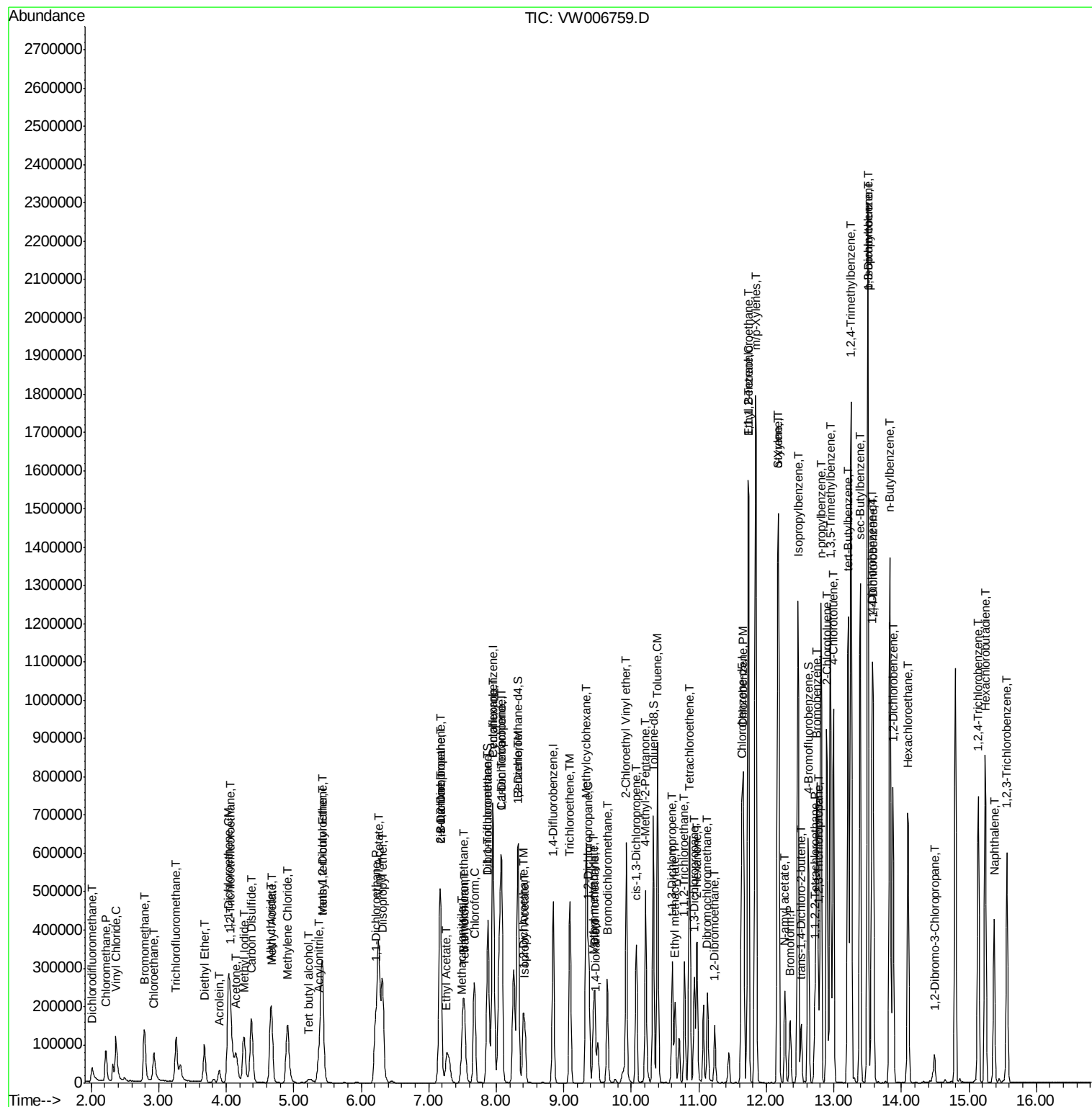
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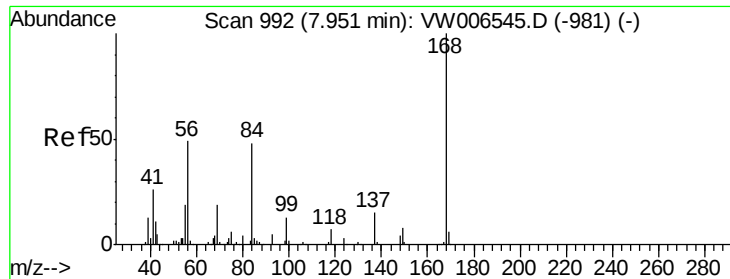
Instrument :
 MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 314409

Ion Ratio Lower Upper

168 100

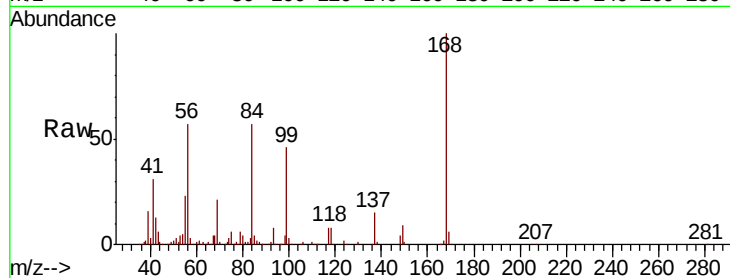
99 46.2 37.4 56.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

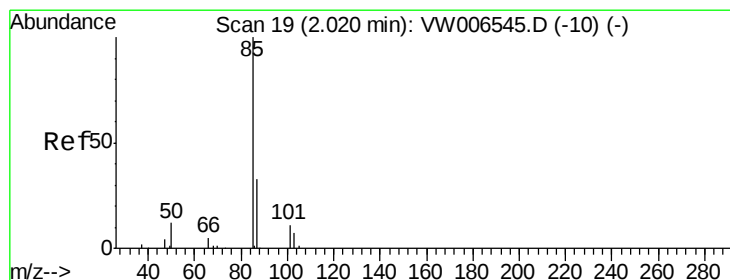
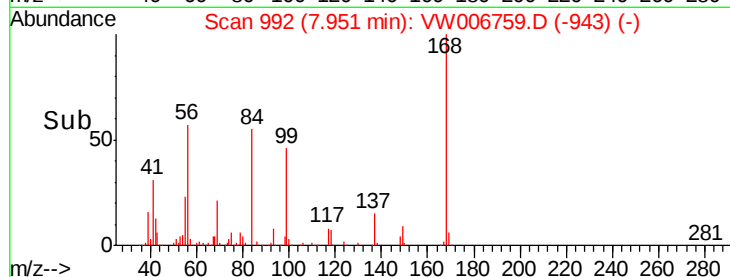
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 51.976 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.01 min

Lab File: VW006759.D

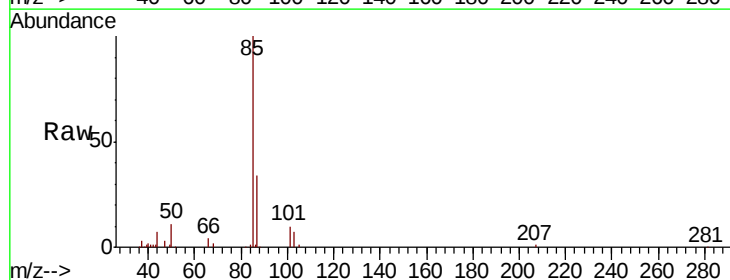
Acq: 08 Nov 2018 11:48

Tgt Ion: 85 Resp: 84715

Ion Ratio Lower Upper

85 100

87 34.3 16.8 50.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

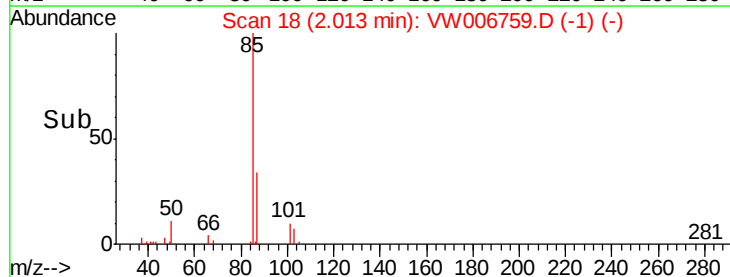
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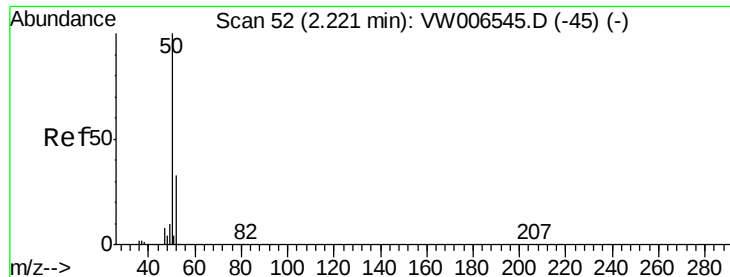
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 47.820 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 96435

Ion Ratio Lower Upper

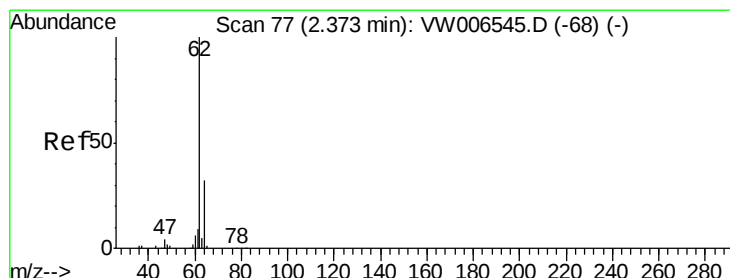
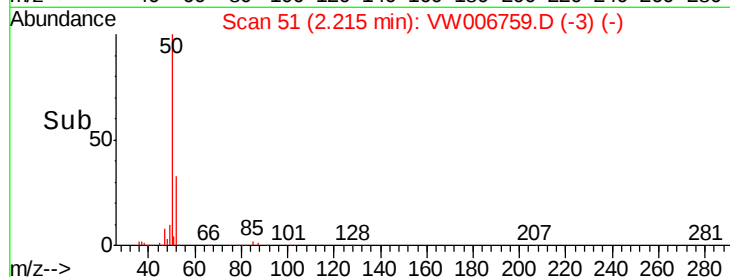
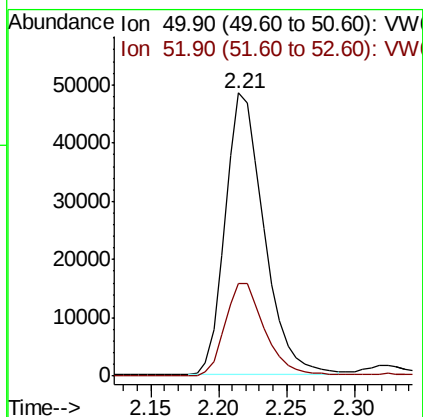
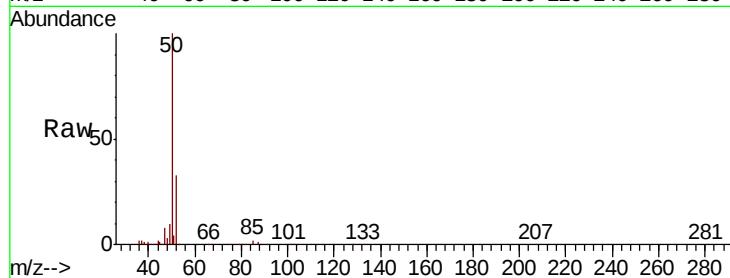
50 100

52 32.9 26.2 39.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 52.643 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW006759.D

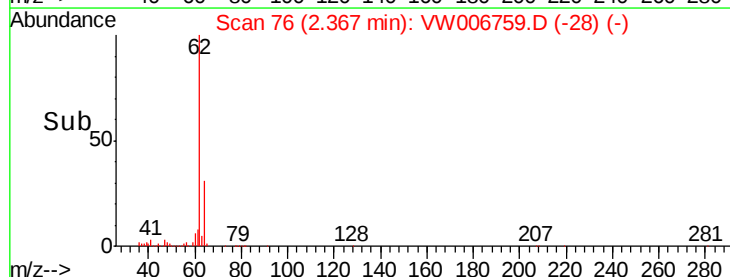
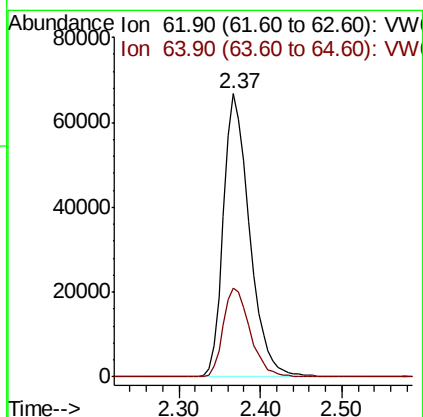
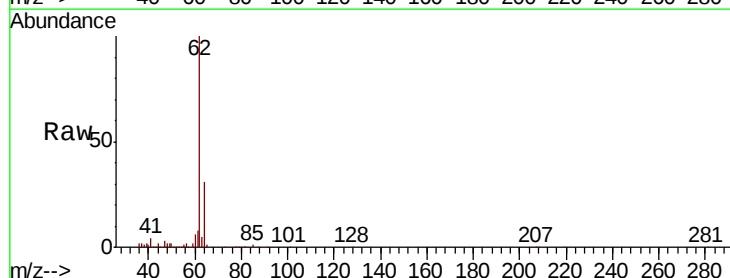
Acq: 08 Nov 2018 11:48

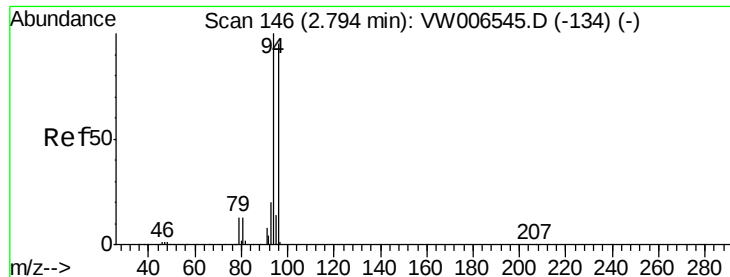
Tgt Ion: 62 Resp: 148235

Ion Ratio Lower Upper

62 100

64 31.3 25.4 38.0





#5

Bromomethane

Concen: 48.923 ug/l

RT: 2.79 min Scan# 145

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 115610

Ion Ratio Lower Upper

94 100

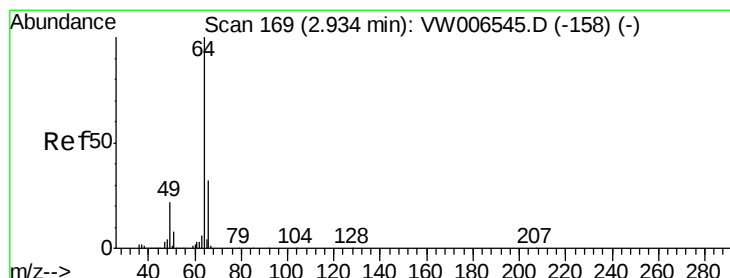
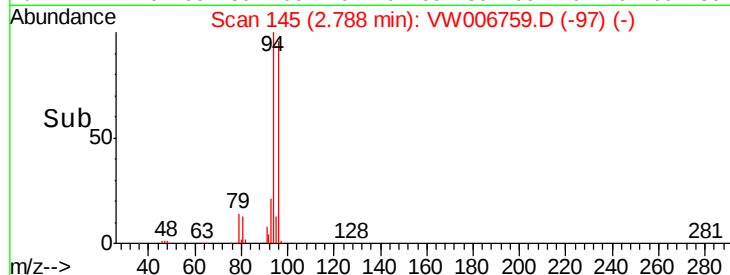
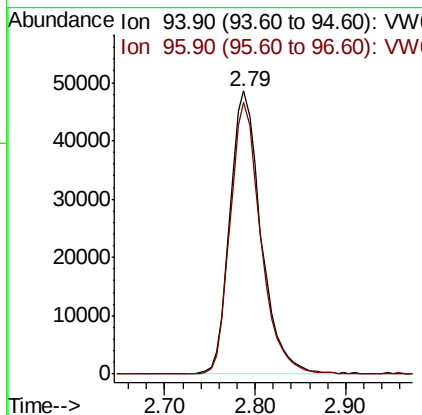
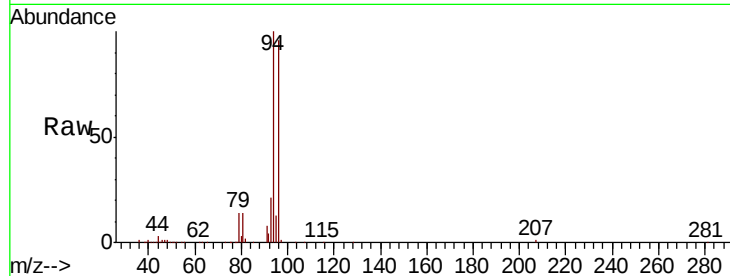
96 95.5 75.7 113.5

Manual Integrations

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#6

Chloroethane

Concen: 51.335 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.01 min

Lab File: VW006759.D

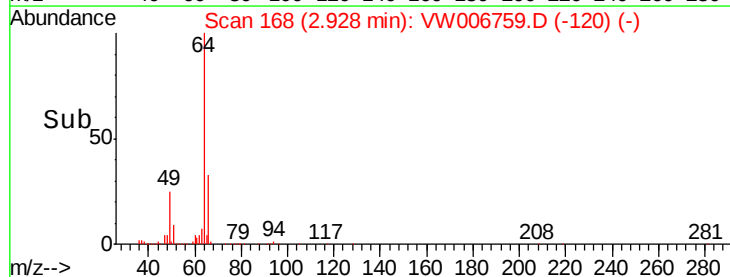
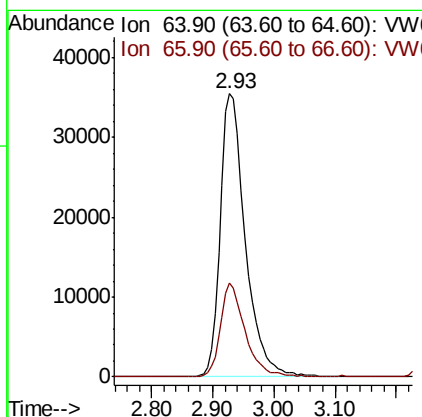
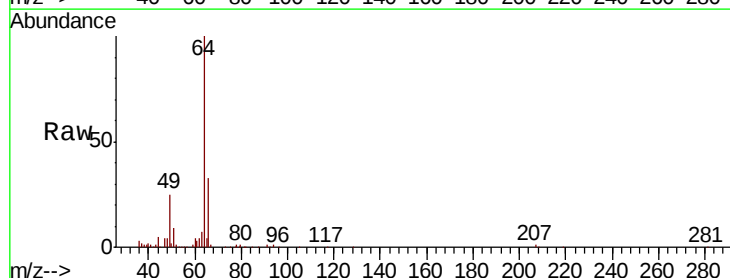
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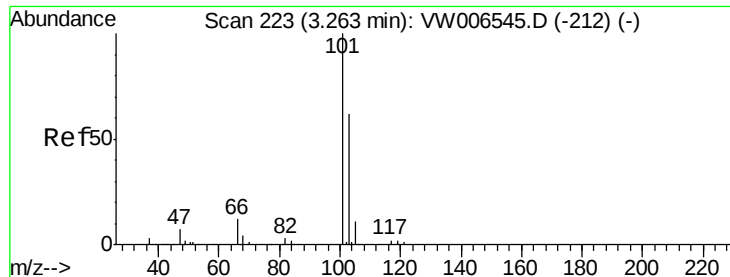
Tgt Ion: 64 Resp: 100999

Ion Ratio Lower Upper

64 100

66 33.4 25.9 38.9





#7

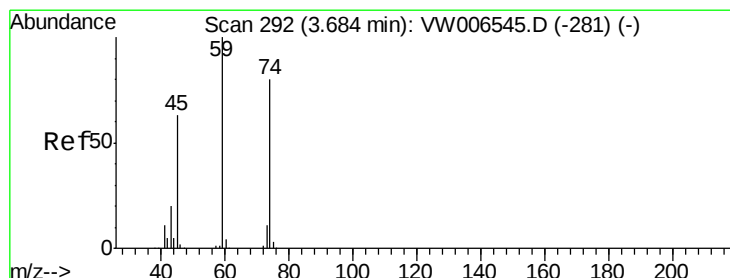
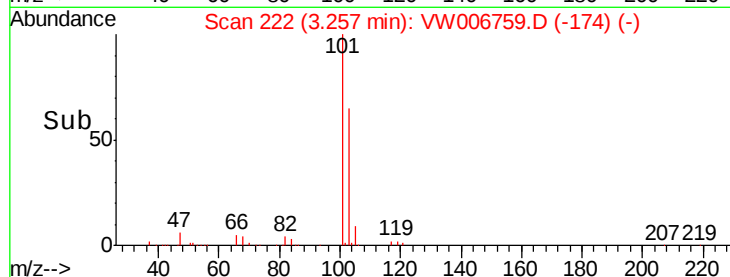
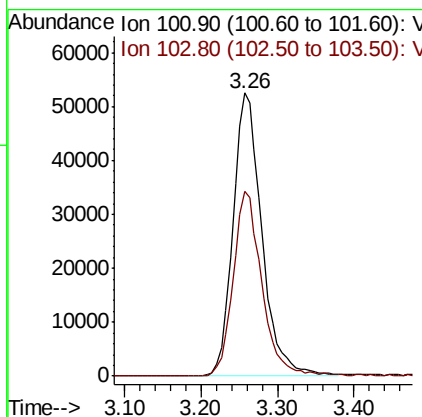
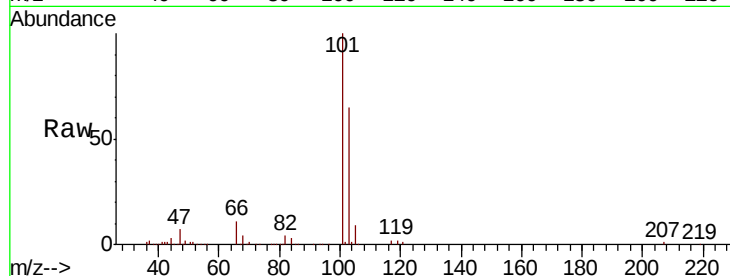
Trichlorofluoromethane
Concen: 55.070 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW006759.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	136935		
103	65.1	49.8	74.8	

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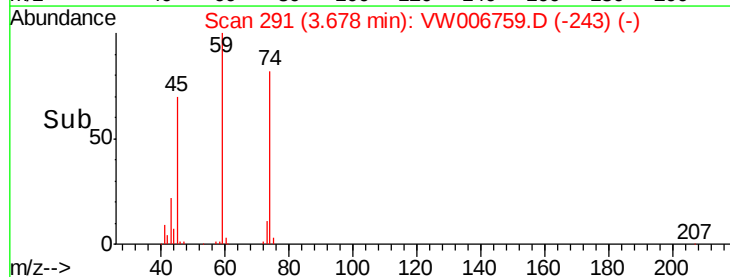
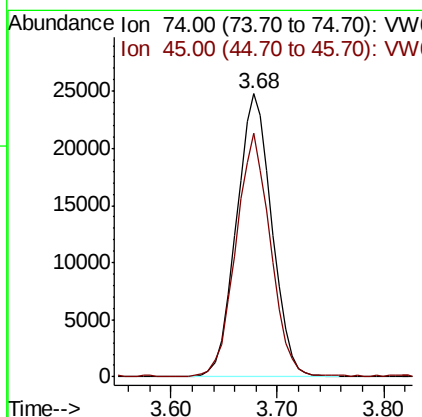
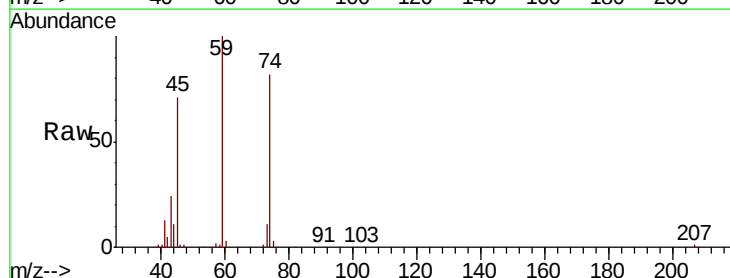
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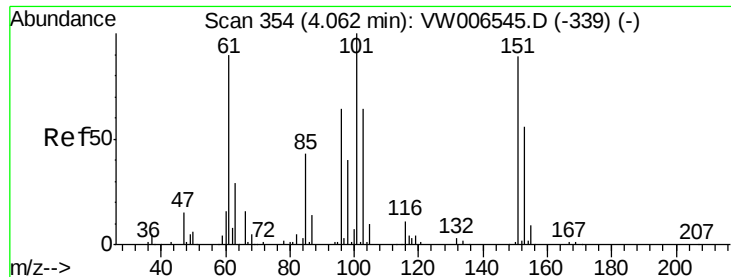


#8

Diethyl Ether
Concen: 42.436 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.01 min
Lab File: VW006759.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	57681		
45	84.9	41.1	123.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.544 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW006759.D

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MSVOA_W

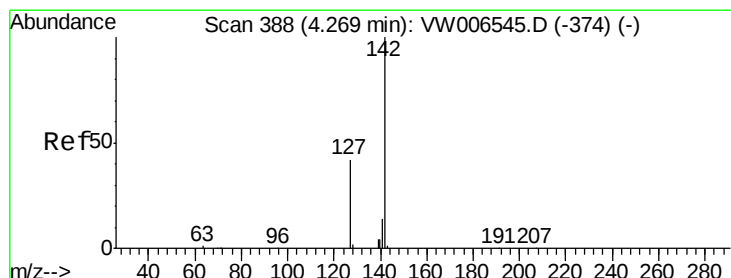
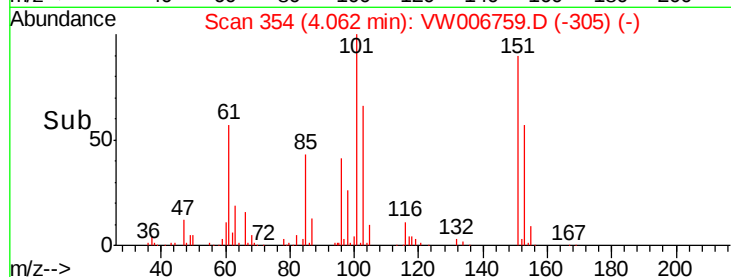
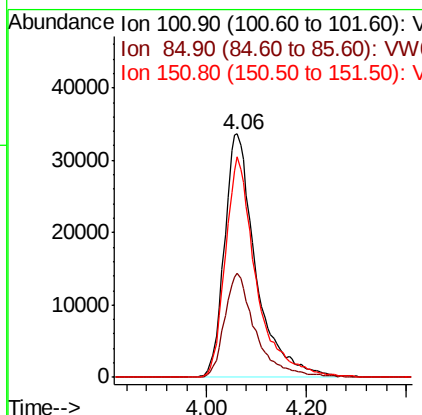
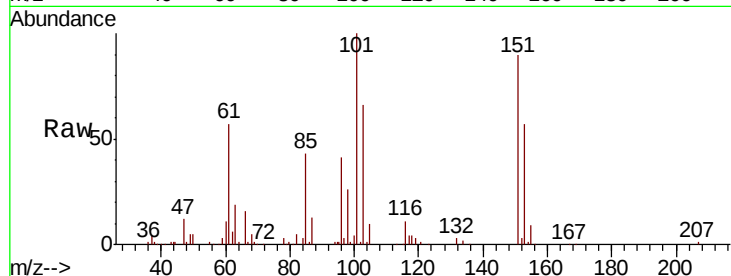
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	147484
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.2	51.2
151	88.6	70.7	106.1

Manual Integrations
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#10

Methyl Iodide

Concen: 48.036 ug/l

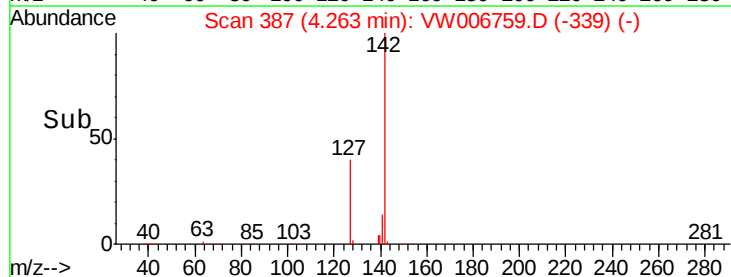
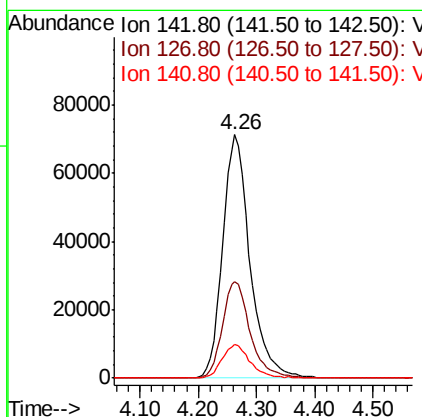
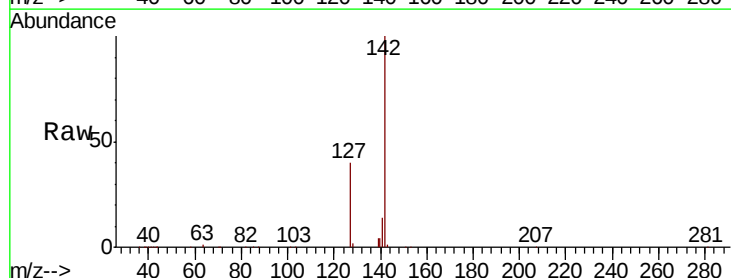
RT: 4.26 min Scan# 387

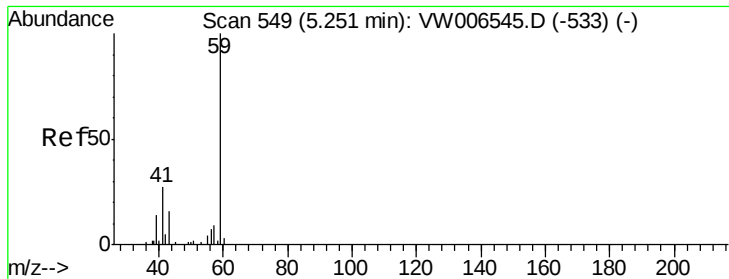
Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	142	Resp:	231268
Ion Ratio	Lower	Upper	
142	100		
127	40.4	32.3	48.5
141	14.2	11.3	16.9





#11

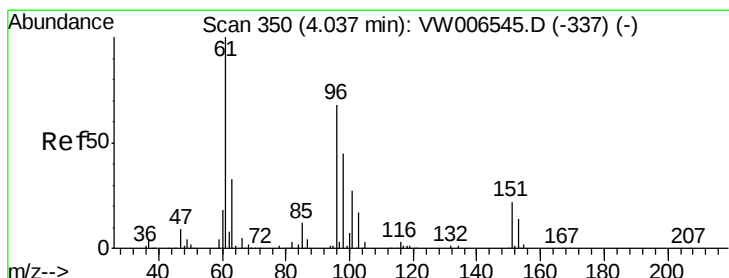
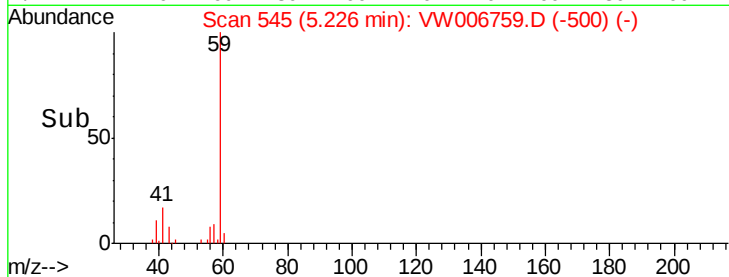
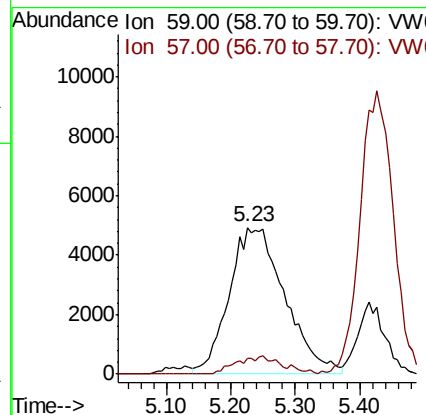
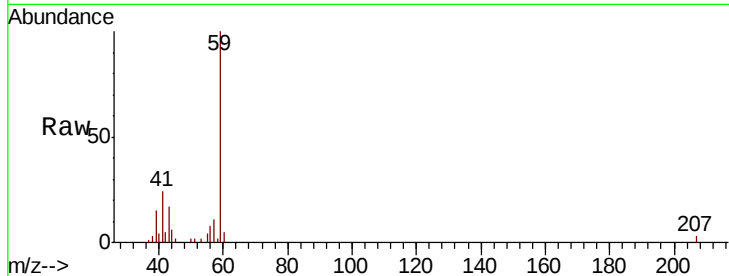
Tert butyl alcohol
Concen: 203.961 ug/l
RT: 5.23 min Scan# 545
Delta R.T. -0.02 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	0.0	4.3	6.5#

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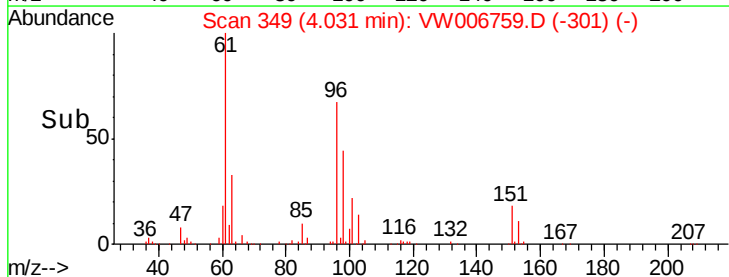
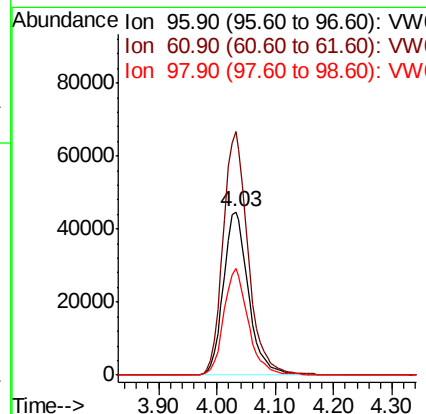
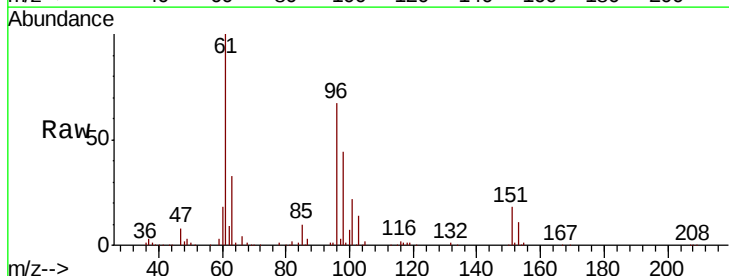
MMDadoda
11/9/2018 1:37:38 PM

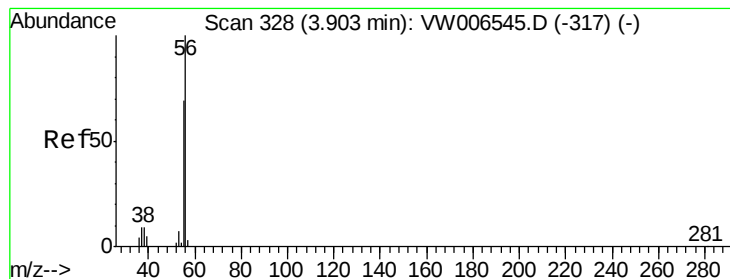


#12

1,1-Dichloroethene
Concen: 52.366 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.1	117.0	175.4
98	65.2	52.5	78.7





#13

Acrolein

Concen: 216.396 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 39632

Ion Ratio Lower Upper

56 100

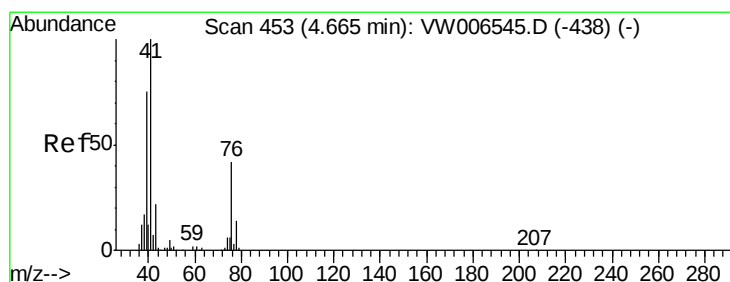
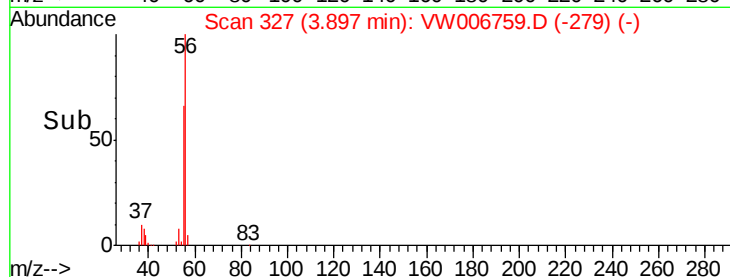
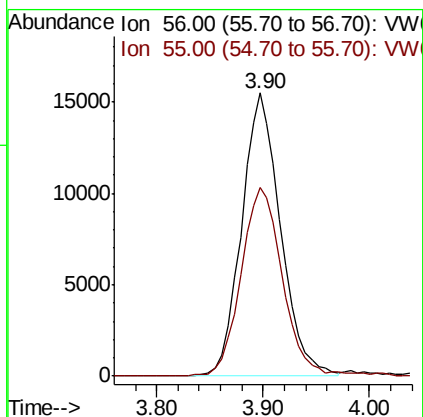
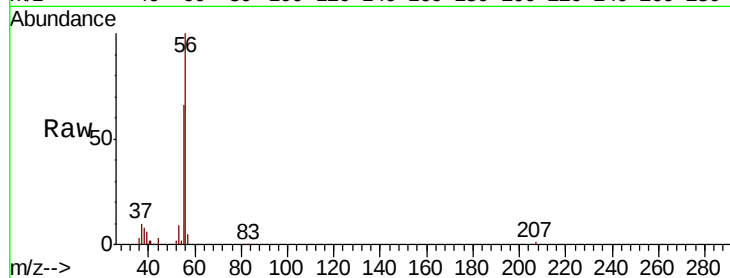
55 71.6 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 50.913 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

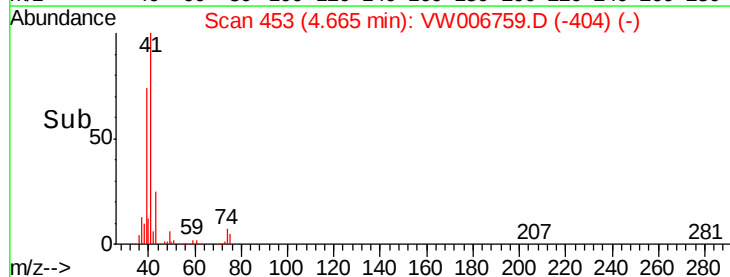
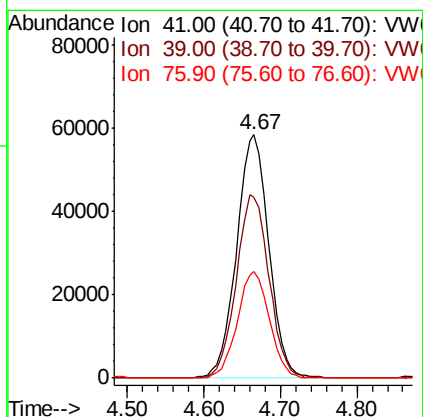
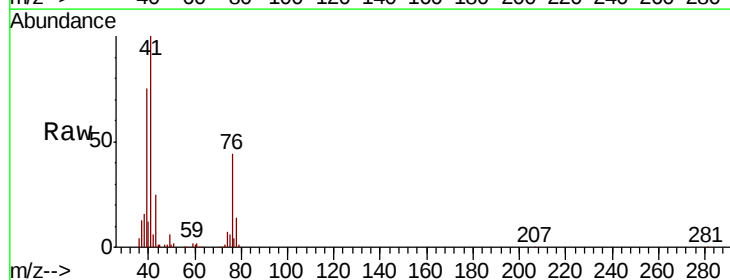
Tgt Ion: 41 Resp: 170434

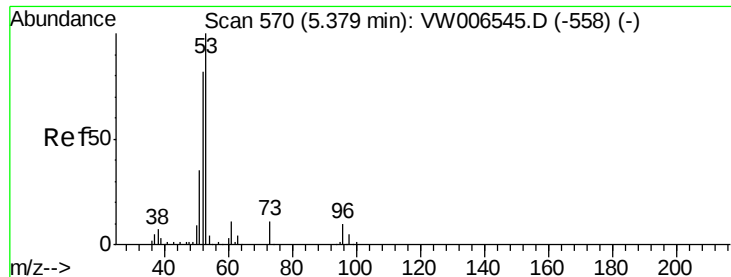
Ion Ratio Lower Upper

41 100

39 76.6 62.1 93.1

76 43.7 34.2 51.2





#15

Acrylonitrile

Concen: 223.297 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

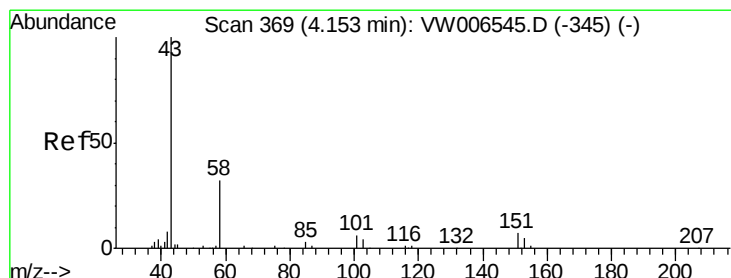
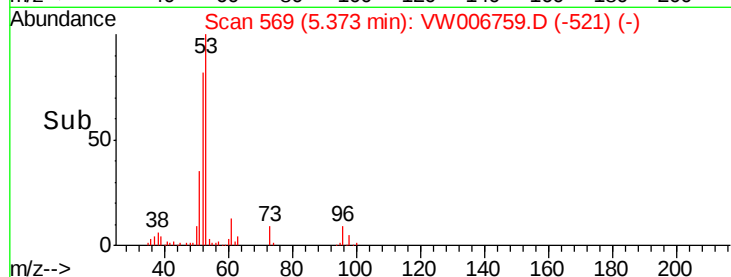
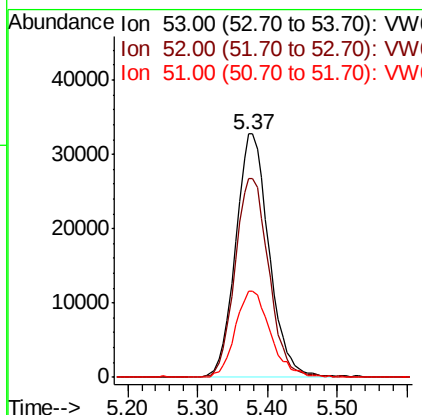
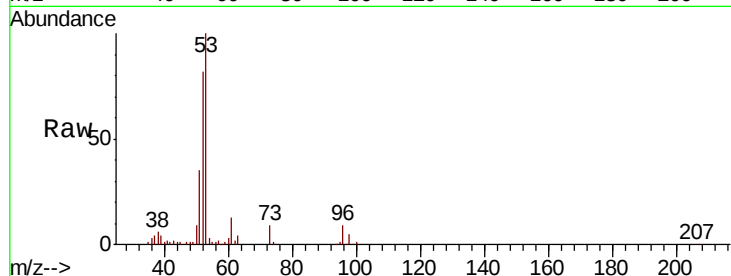
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	108829
Ion Ratio		Lower	Upper
53	100		
52	82.7	65.8	98.8
51	37.4	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 278.549 ug/l

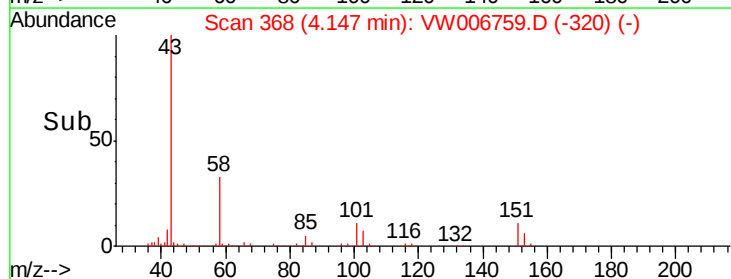
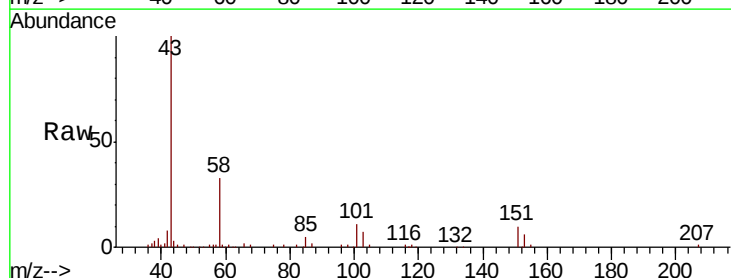
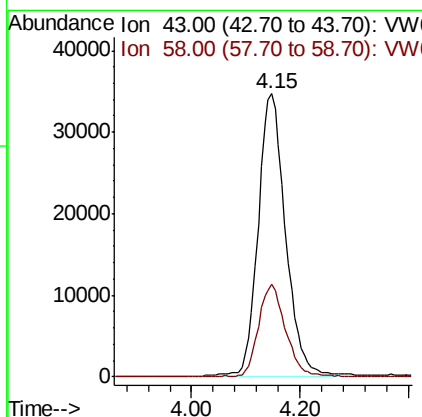
RT: 4.15 min Scan# 368

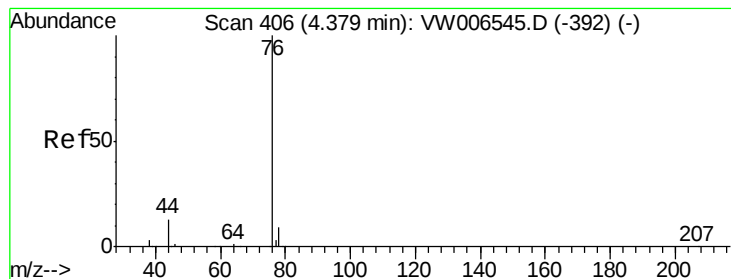
Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	43	Resp:	121542
Ion Ratio		Lower	Upper
43	100		
58	32.7	25.8	38.8





#17

Carbon Disulfide

Concen: 52.763 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 385063

Ion Ratio Lower Upper

76 100

78 9.0

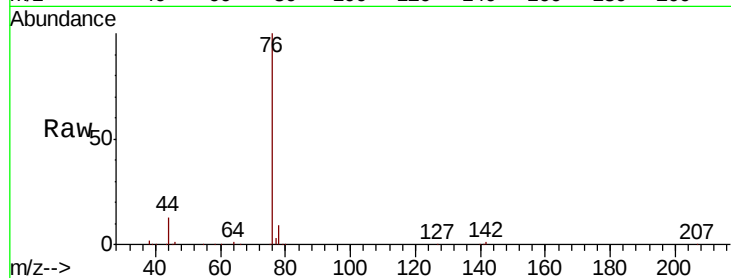
7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

150000

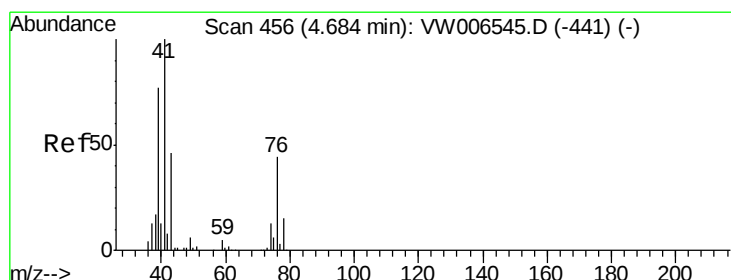
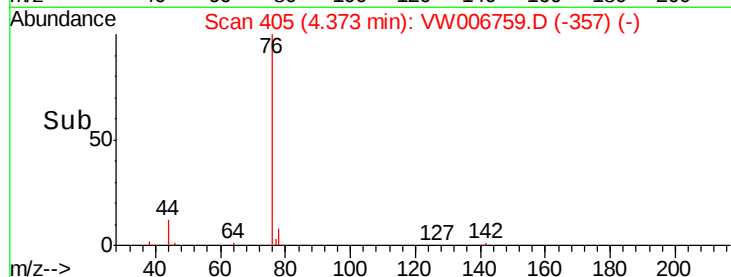
100000

50000

0

4.20 4.40 4.60

Time-->



#18

Methyl Acetate

Concen: 42.034 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

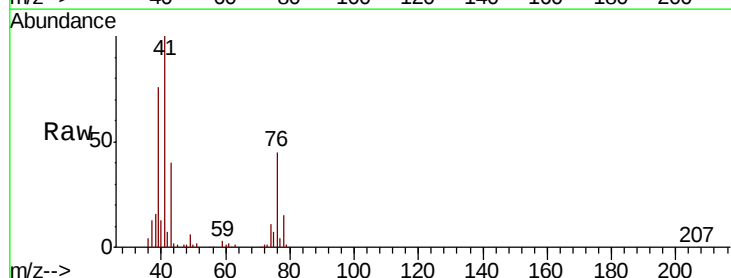
Tgt Ion: 43 Resp: 52740

Ion Ratio Lower Upper

43 100

74 28.5

21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW

20000

15000

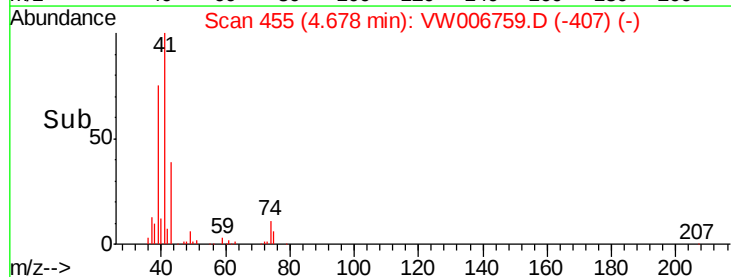
10000

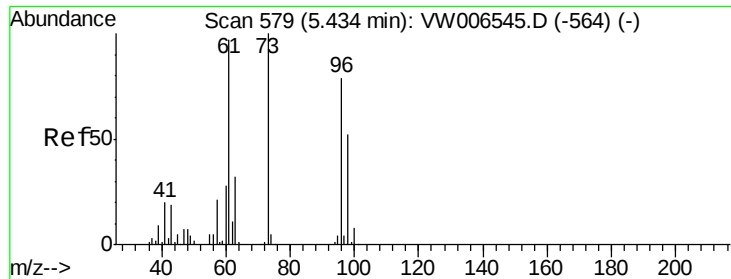
5000

0

4.60 4.70 4.80

Time-->





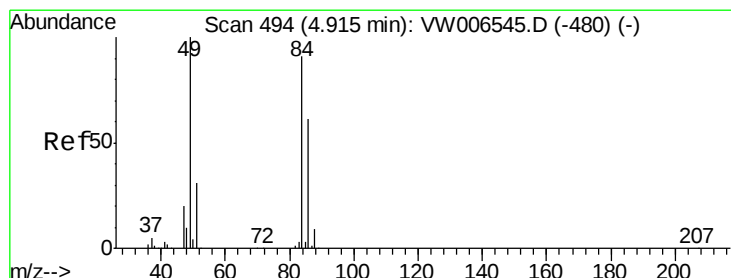
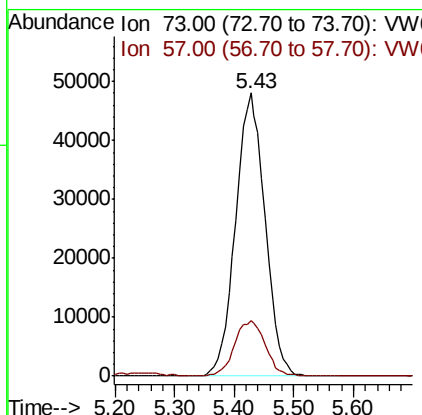
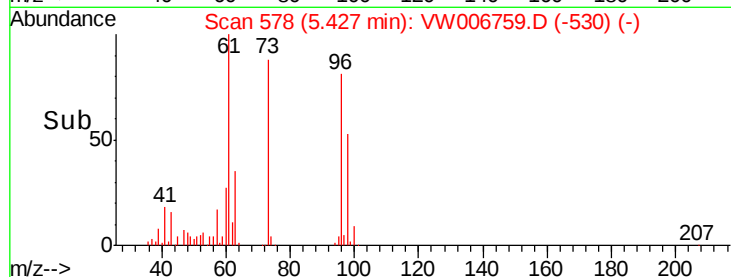
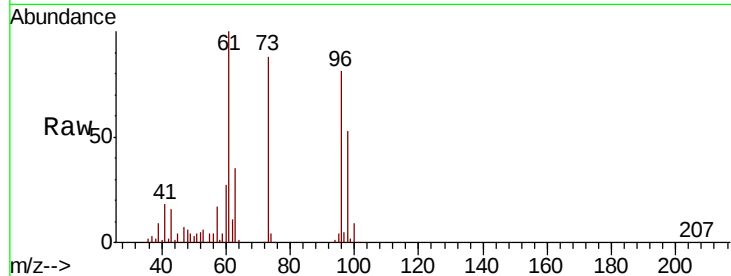
#19
Methyl tert-butyl Ether
Concen: 43.174 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 164812
Ion Ratio Lower Upper
73 100
57 19.8 16.7 25.1

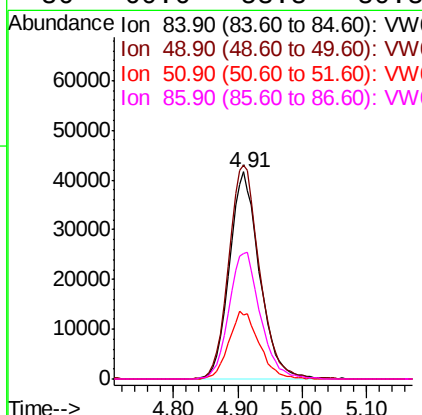
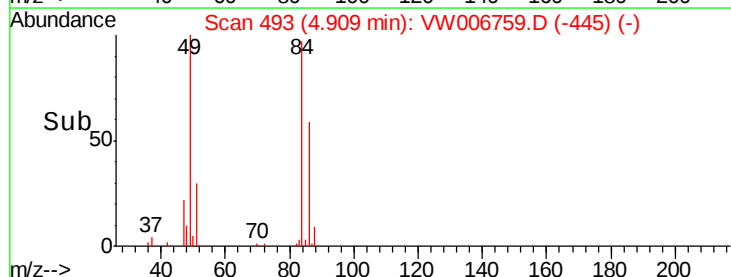
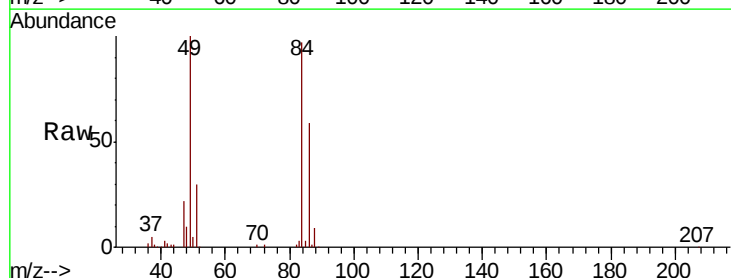
Manual Integrations
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11/9/2018 1:37:38 PM



#20
Methylene Chloride
Concen: 47.839 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion: 84 Resp: 136007
Ion Ratio Lower Upper
84 100
49 103.3 88.2 132.4
51 30.8 27.0 40.6
86 60.6 53.8 80.8





#21

trans-1,2-Dichloroethene

Concen: 50.653 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

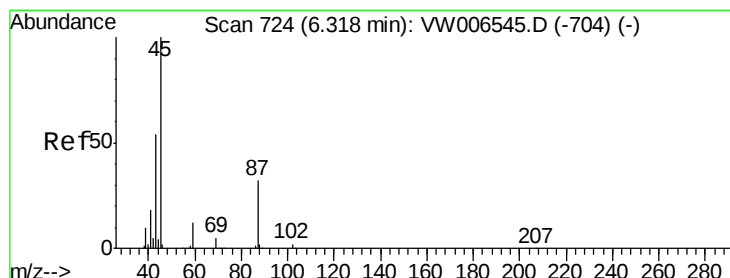
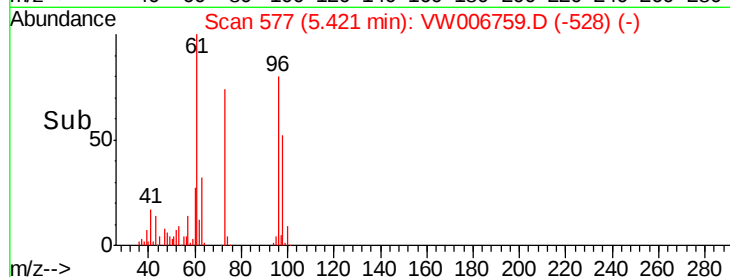
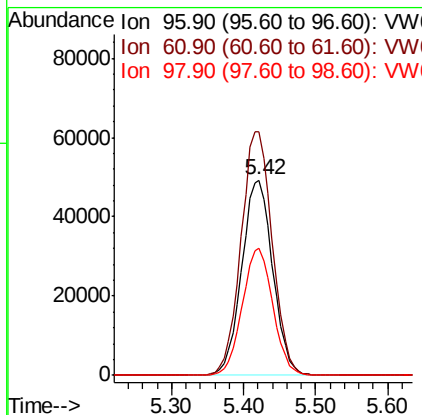
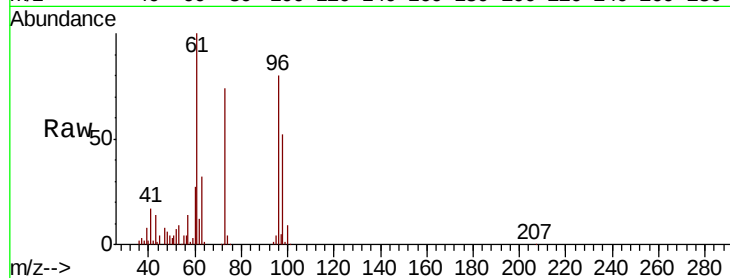
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	146991
Ion Ratio	Lower	Upper	
96	100		
61	124.7	100.6	150.8
98	65.4	52.9	79.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.760 ug/l

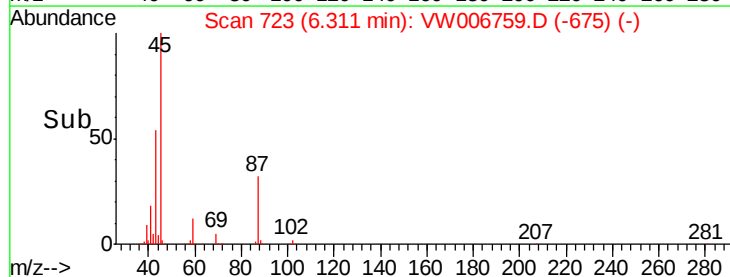
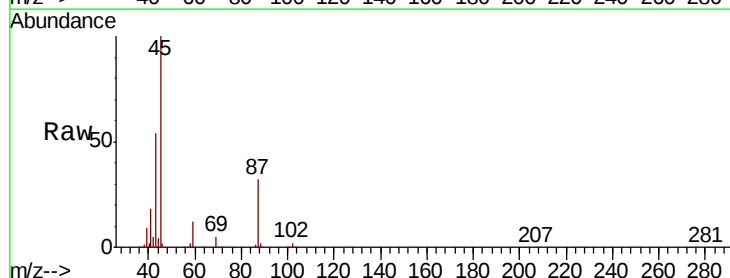
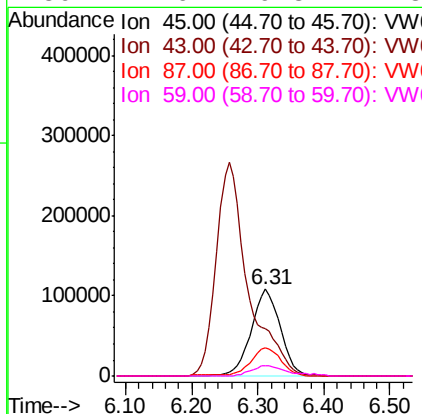
RT: 6.31 min Scan# 723

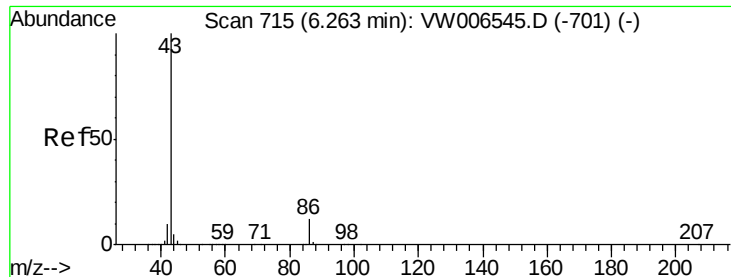
Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	45	Resp:	333314
Ion Ratio	Lower	Upper	
45	100		
43	53.6	43.6	65.4
87	32.1	26.3	39.5
59	11.6	9.8	14.8





#23

Vinyl Acetate

Concen: 230.558 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 892290

Ion Ratio Lower Upper

43 100

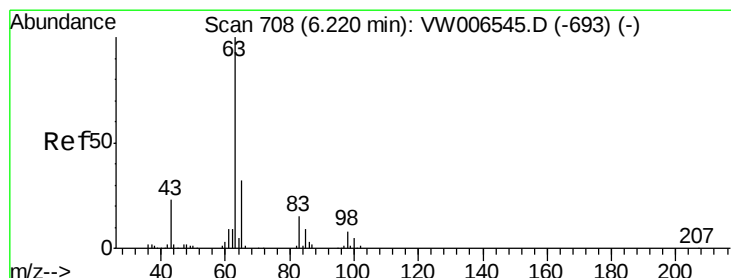
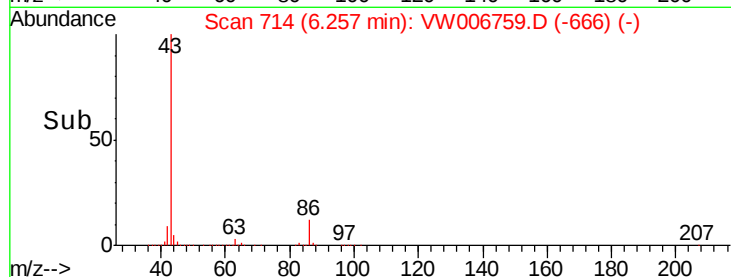
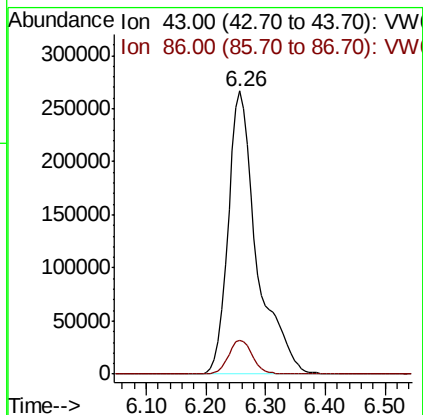
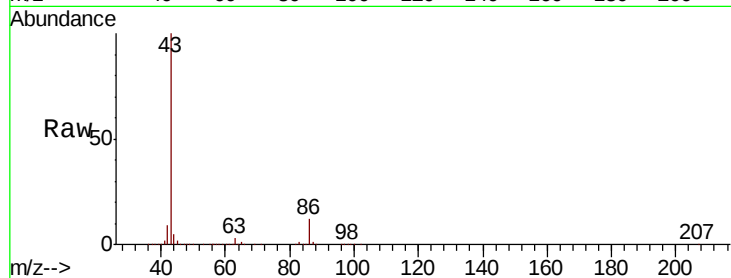
86 12.1 9.8 14.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.032 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

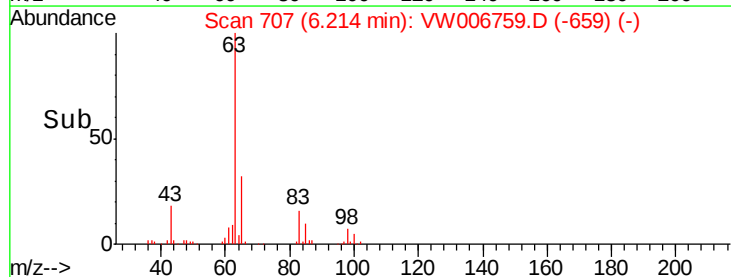
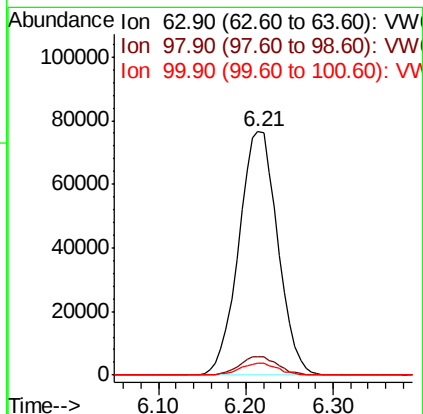
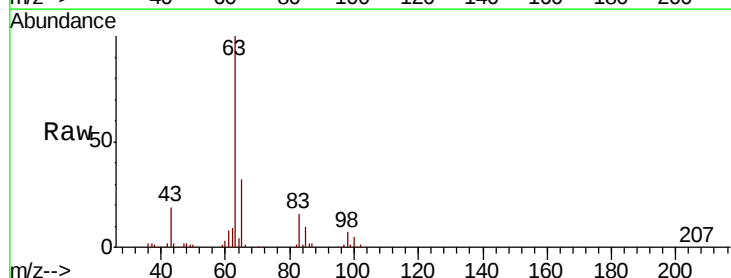
Tgt Ion: 63 Resp: 236644

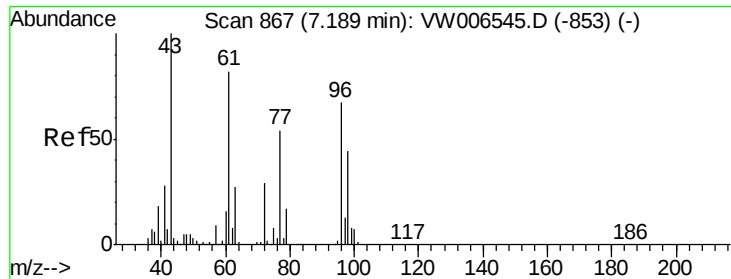
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 228.999 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 142584

Ion Ratio Lower Upper

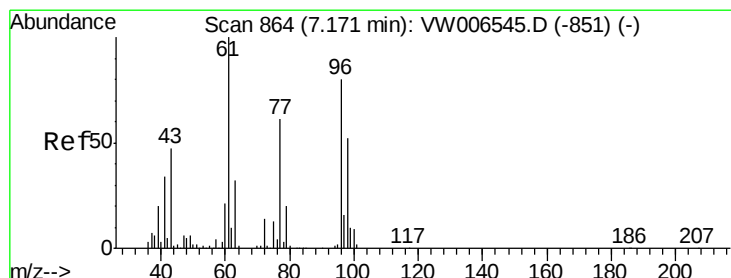
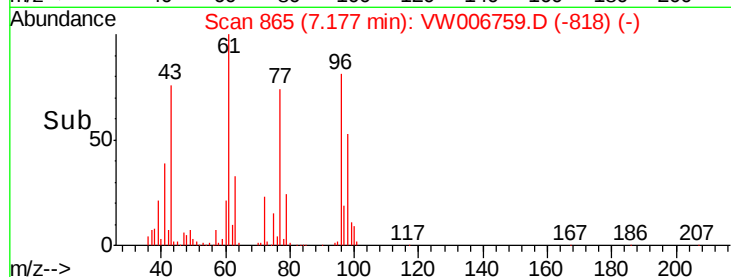
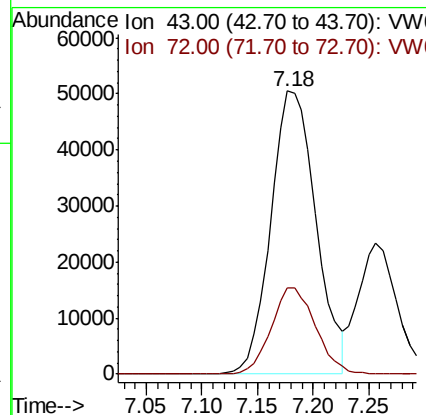
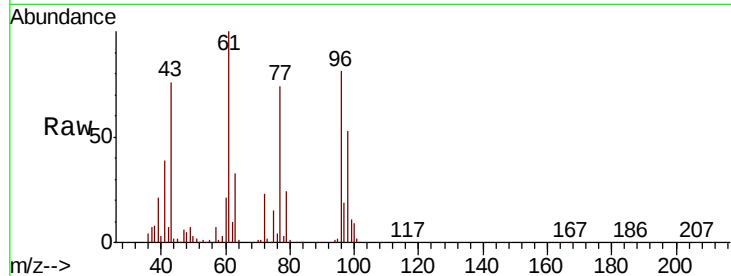
43 100

72 30.5 23.2 34.8

Manual Integrations
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11/9/2018 1:37:38 PM



#26

2,2-Dichloropropane

Concen: 57.384 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW006759.D

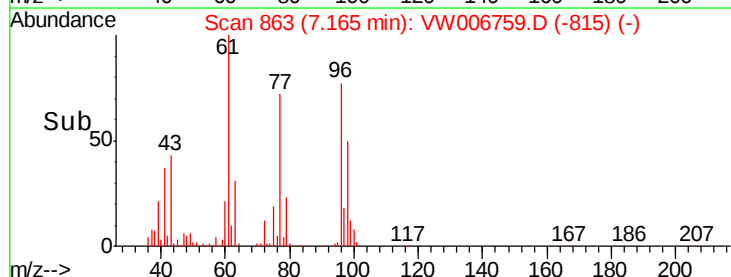
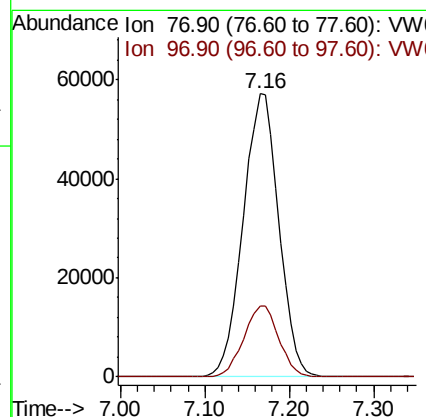
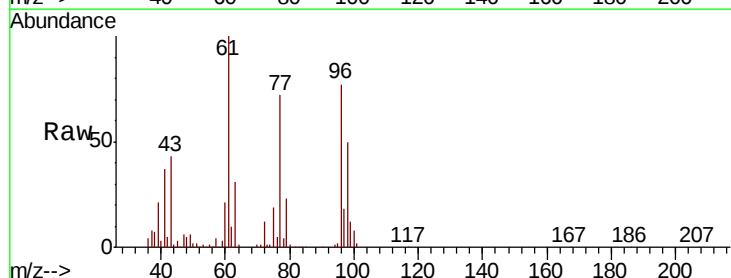
Acq: 08 Nov 2018 11:48

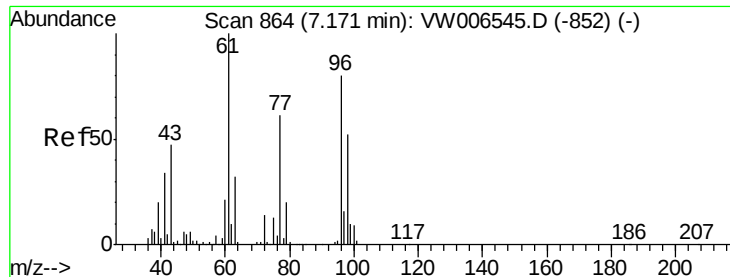
Tgt Ion: 77 Resp: 163499

Ion Ratio Lower Upper

77 100

97 24.6 12.8 38.4





#27

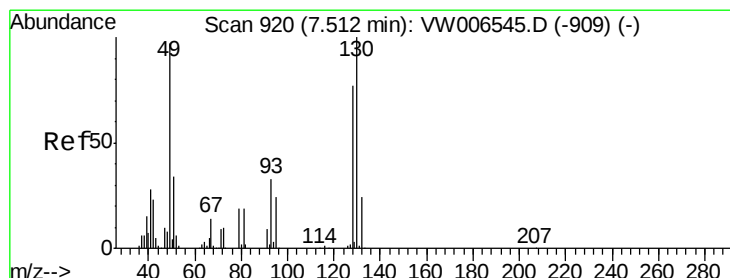
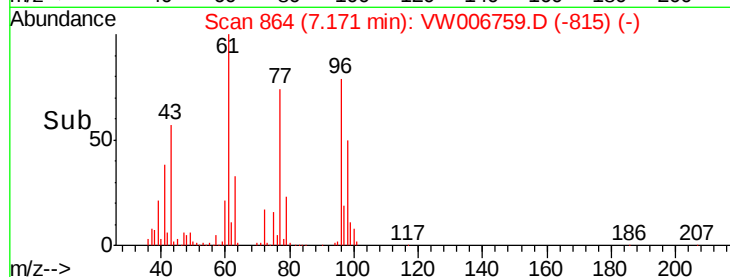
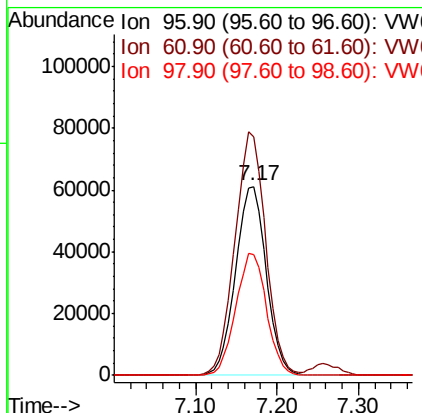
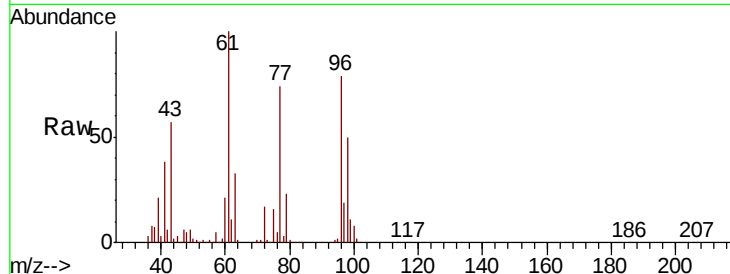
cis-1,2-Dichloroethene
Concen: 49.119 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	254.2
98	64.6	0.0	129.6

Manual Integrations
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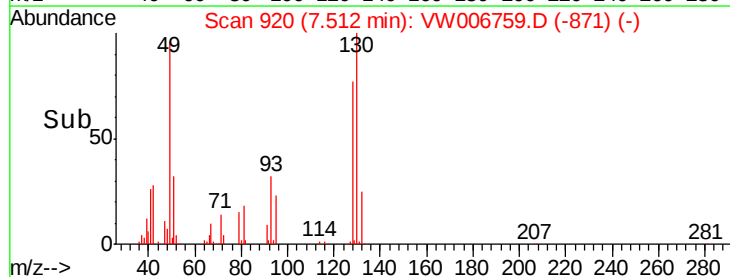
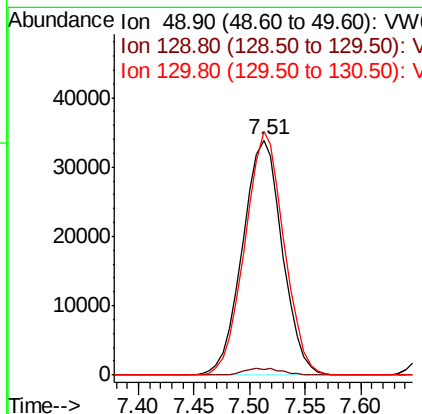
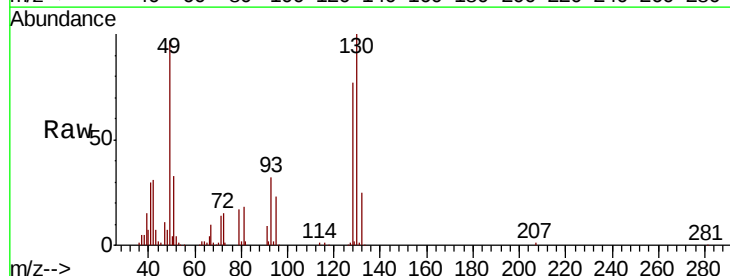
MMDadoda
11/9/2018 1:37:38 PM

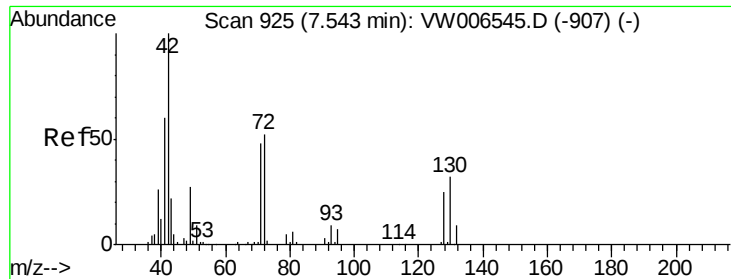


#28

Bromochloromethane
Concen: 44.777 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.6
130	101.8	82.2	123.2





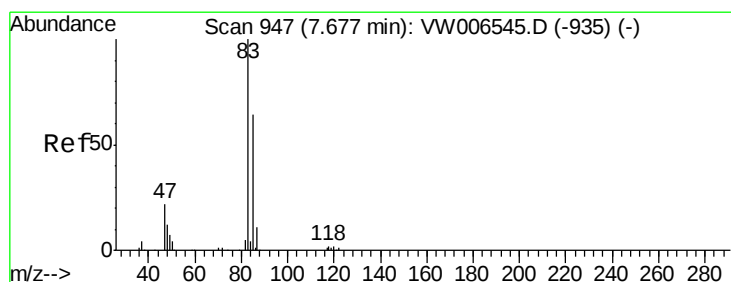
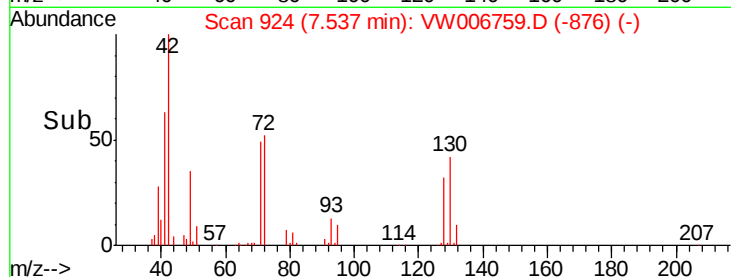
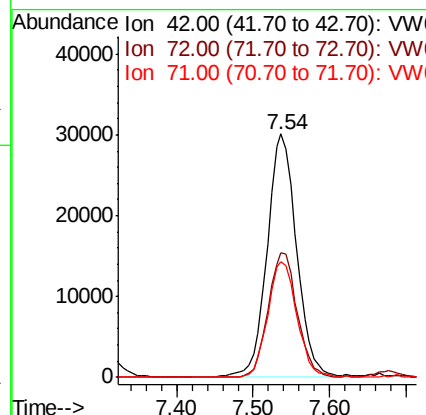
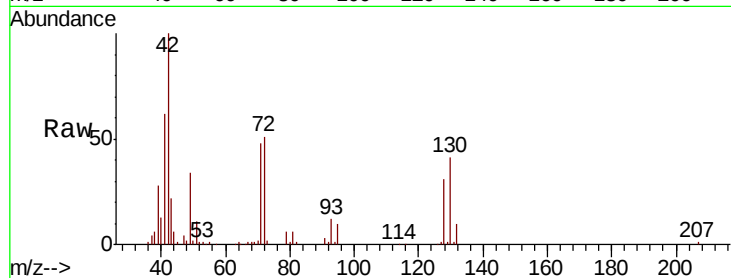
#29
Tetrahydrofuran
Concen: 206.776 ug/l
RT: 7.54 min Scan# 924
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.6	39.2	58.8
71	47.3	37.6	56.4

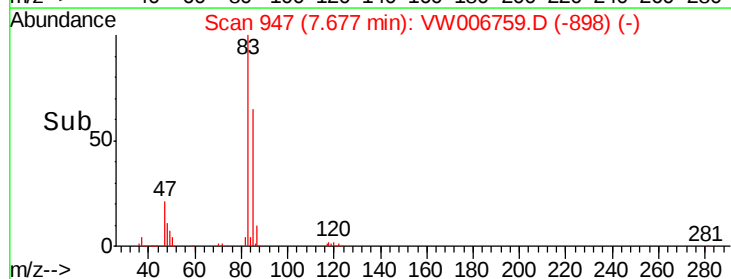
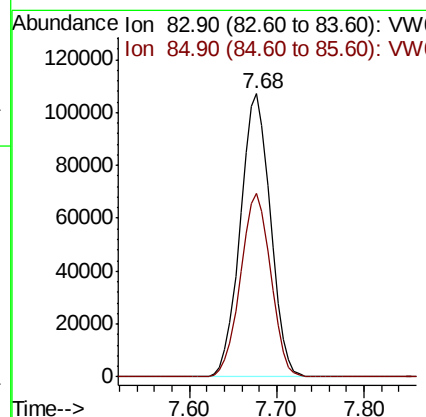
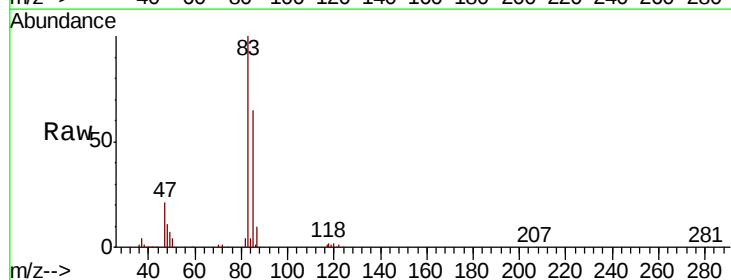
Manual Integrations
APPROVED

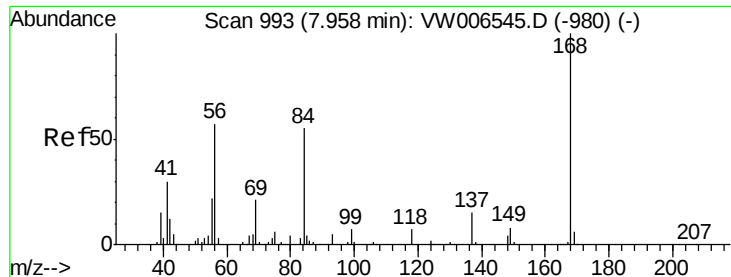
MMDadoda
11/9/2018 1:37:38 PM



#30
Chloroform
Concen: 49.421 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.3	76.9





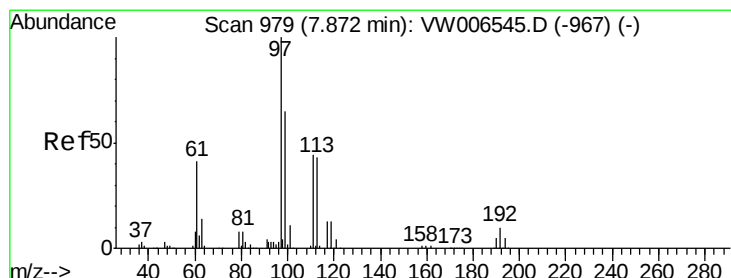
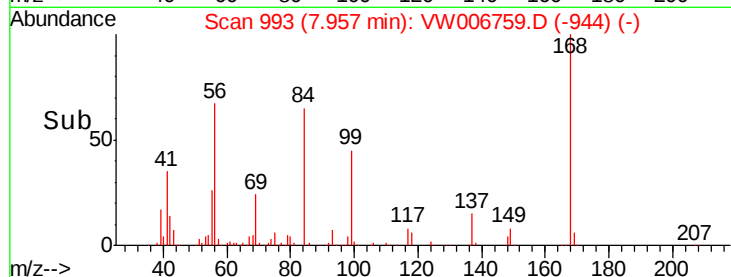
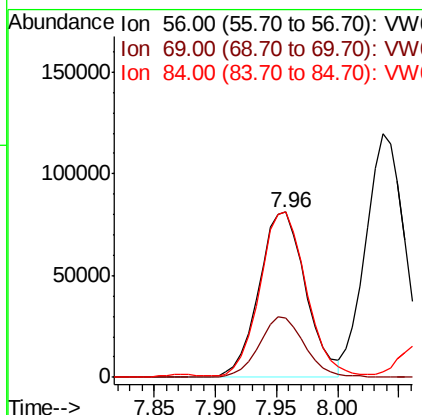
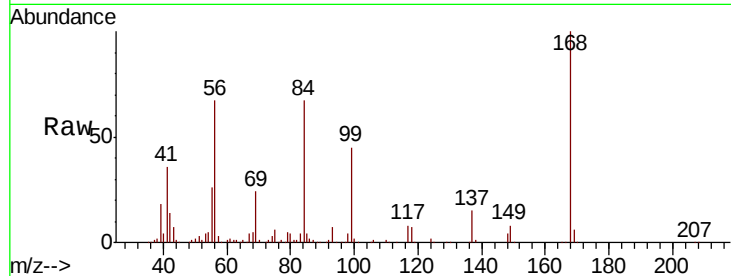
#31
Cyclohexane
Concen: 50.385 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	29.0	43.4
84	98.5	77.8	116.6

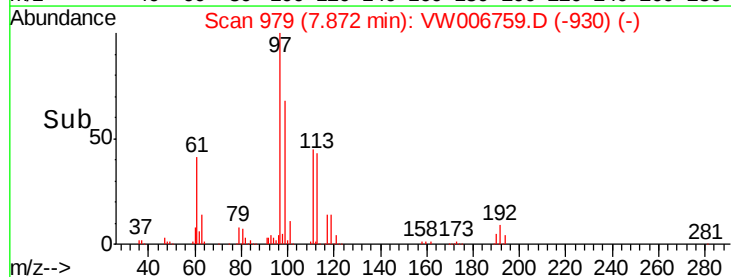
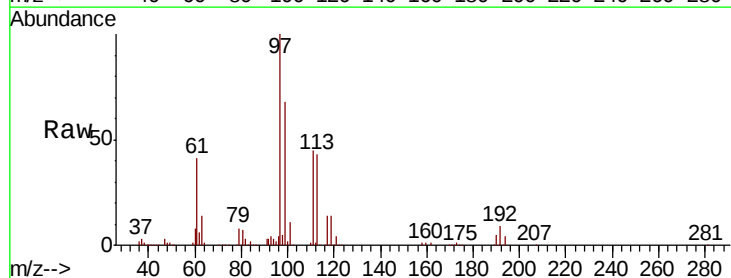
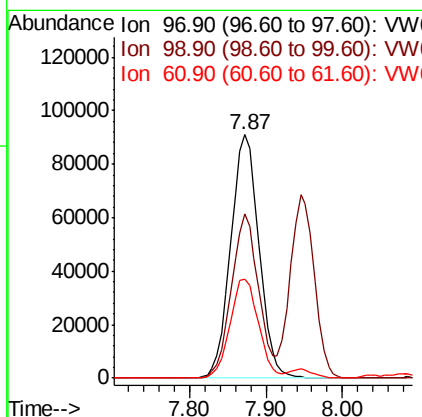
Manual Integrations
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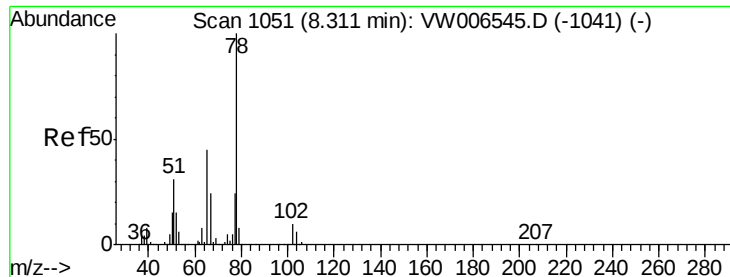
MMDadoda
11/9/2018 1:37:38 PM



#32
1,1,1-Trichloroethane
Concen: 53.021 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.7	77.5
61	40.9	32.9	49.3





#33

1,2-Dichloroethane-d4

Concen: 41.463 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 112060

Ion Ratio Lower Upper

65 100

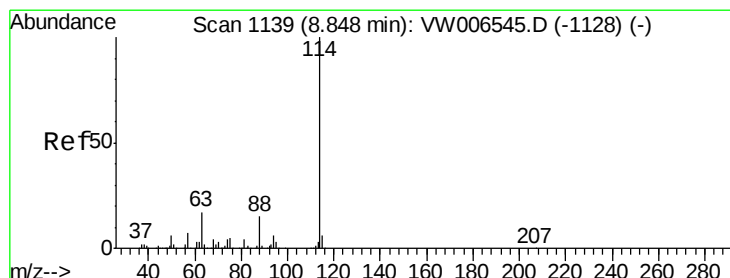
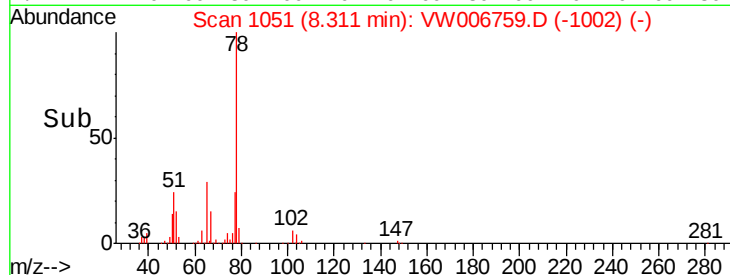
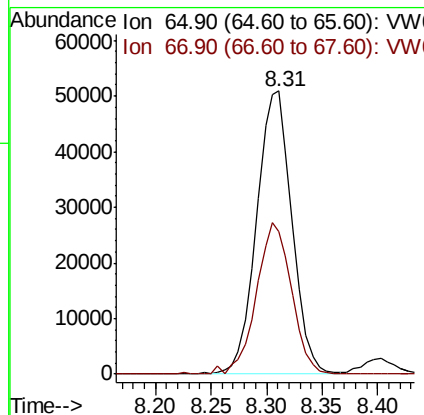
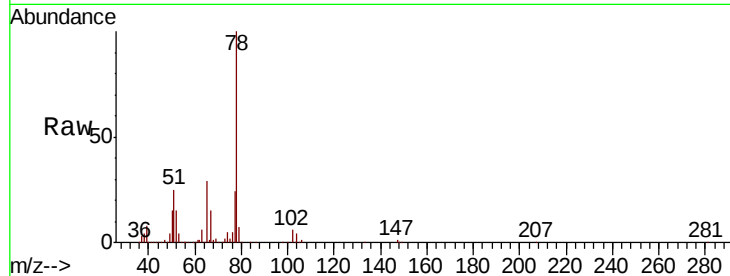
67 53.4 0.0 104.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.01 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

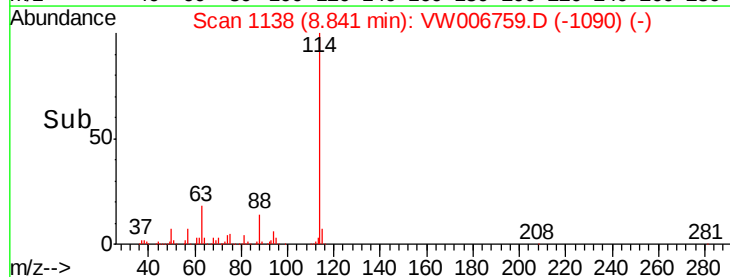
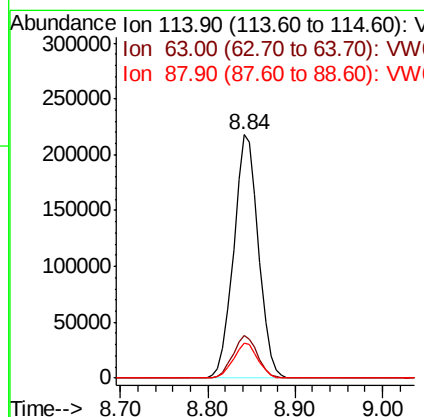
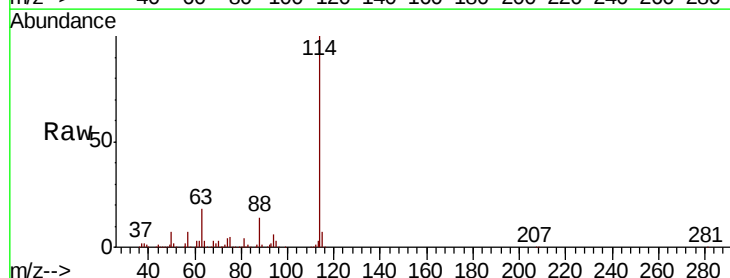
Tgt Ion: 114 Resp: 427717

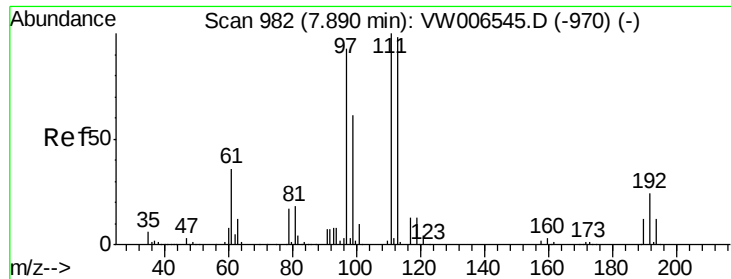
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.3 0.0 29.0





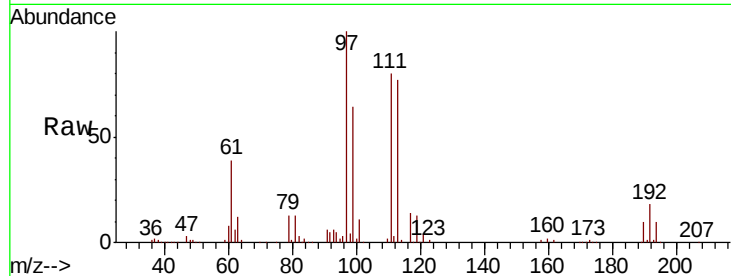
#35
 Dibromofluoromethane
 Concen: 46.797 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.6	82.2	123.2	
192	23.9	19.0	28.6	

Manual Integrations
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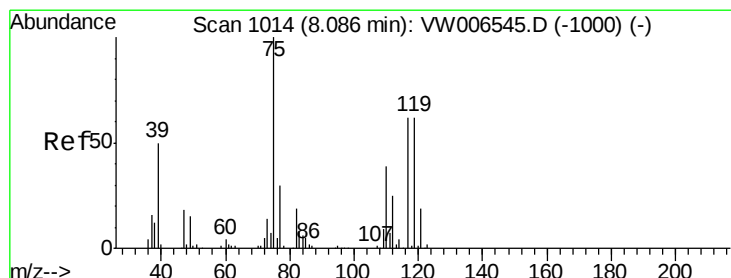
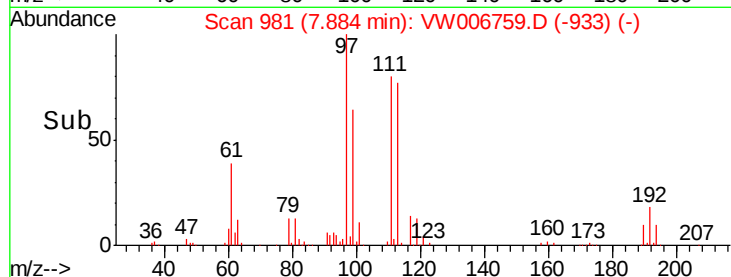
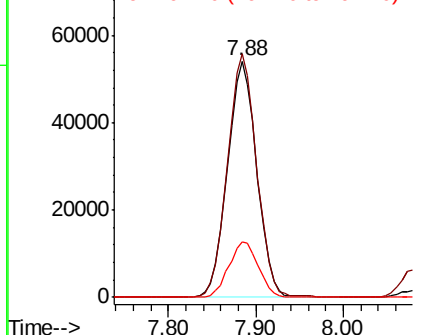


Abundance

Ion 112.80 (112.50 to 113.50): V

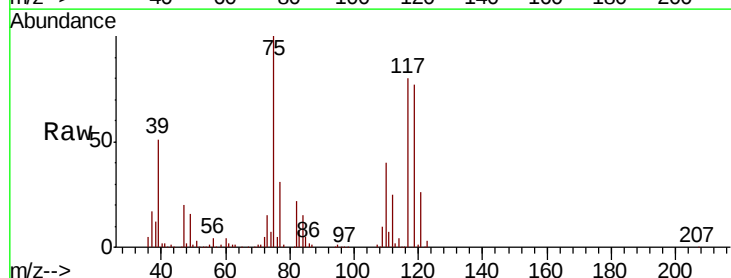
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 55.228 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.01 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	39.0	19.5	58.5	
77	31.6	24.6	37.0	

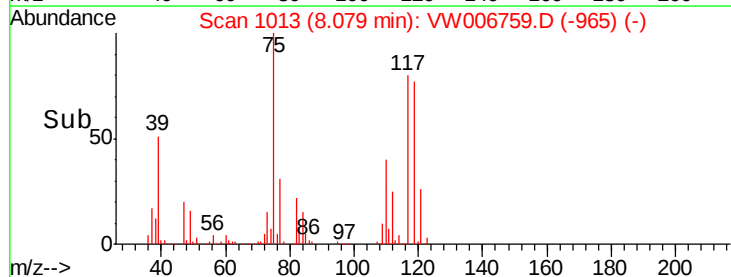
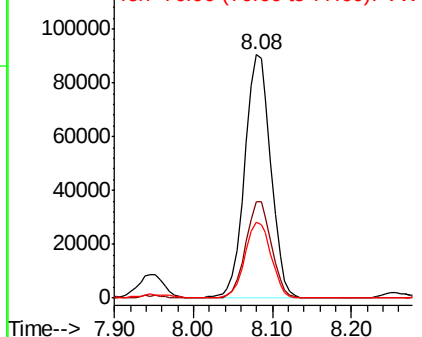


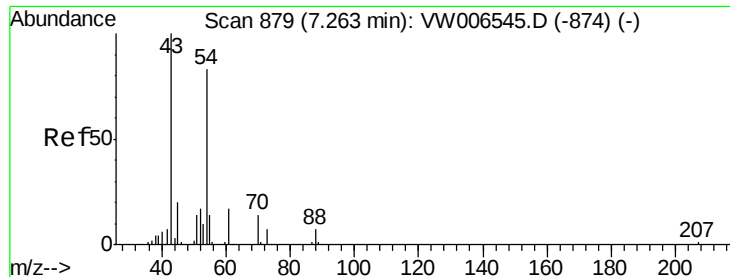
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW





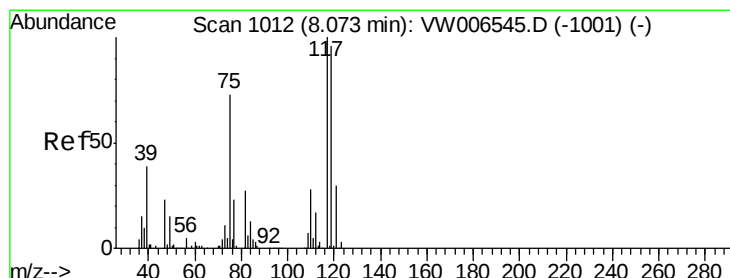
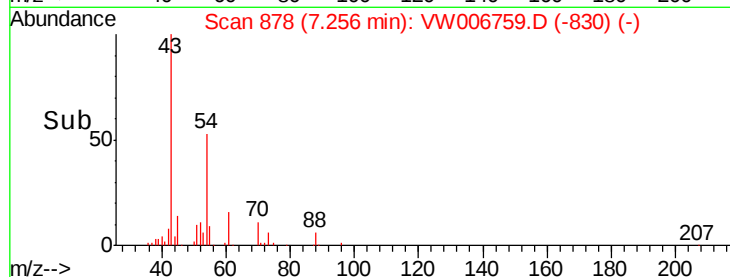
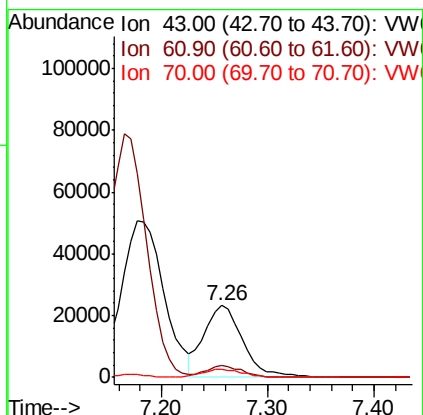
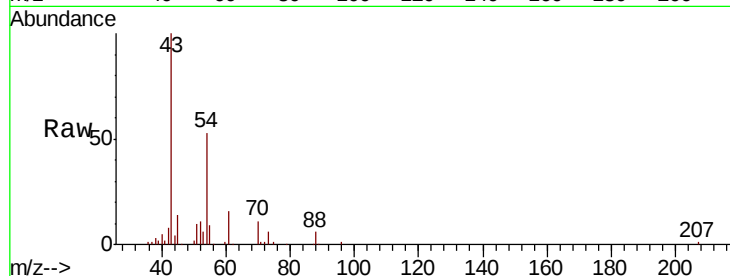
#37
Ethyl Acetate
Concen: 44.393 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.1	18.1
70	11.7	9.8	14.6

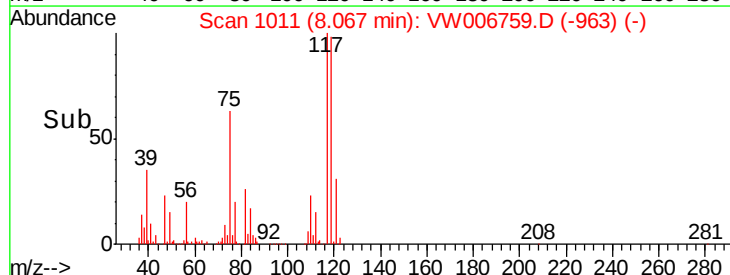
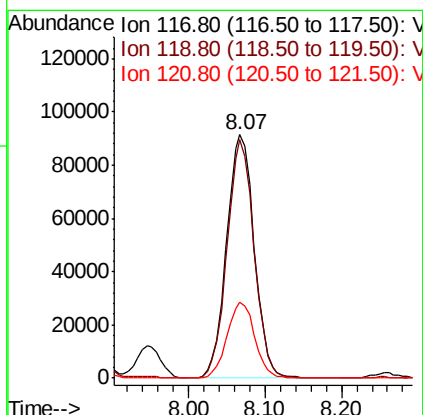
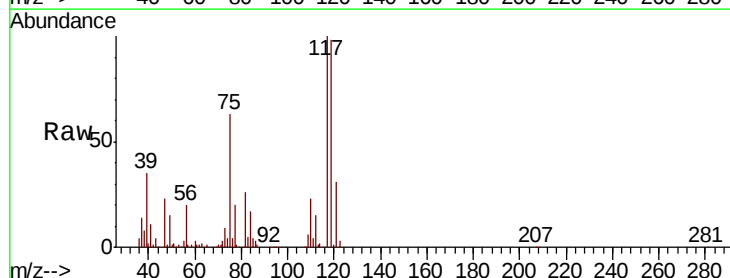
Manual Integrations
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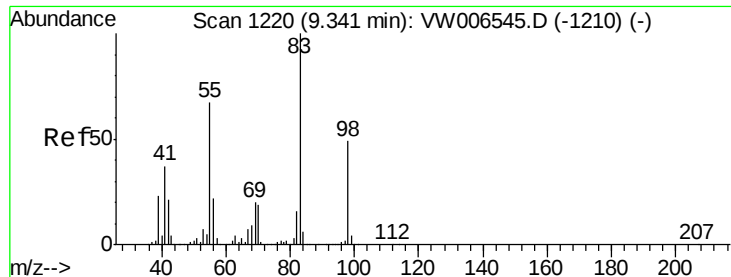
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#38
Carbon Tetrachloride
Concen: 58.151 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	76.3	114.5
121	31.3	24.1	36.1





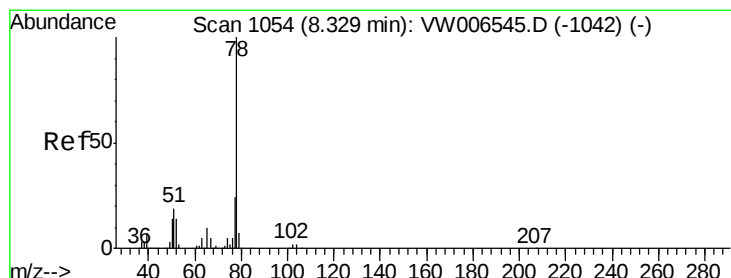
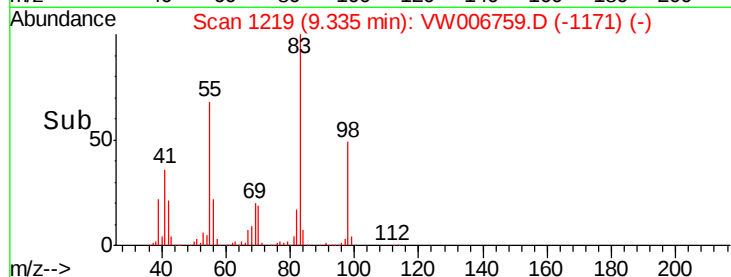
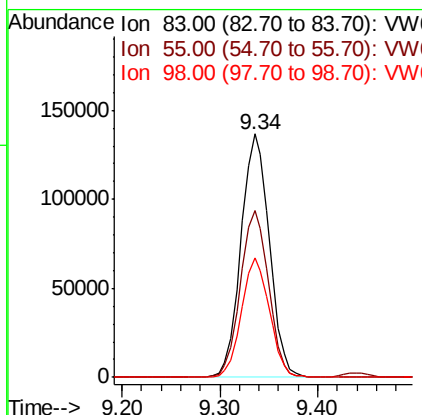
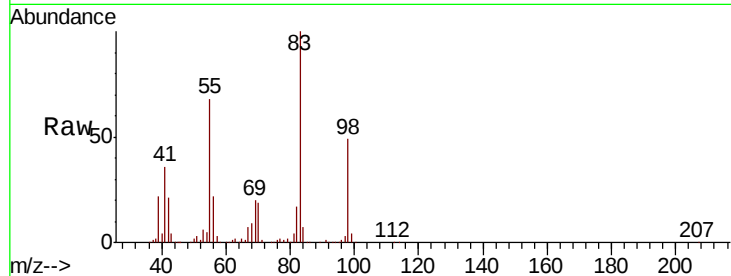
#39
Methvlcvclohexane
Concen: 57.601 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	53.7	80.5
98	49.3	39.2	58.8

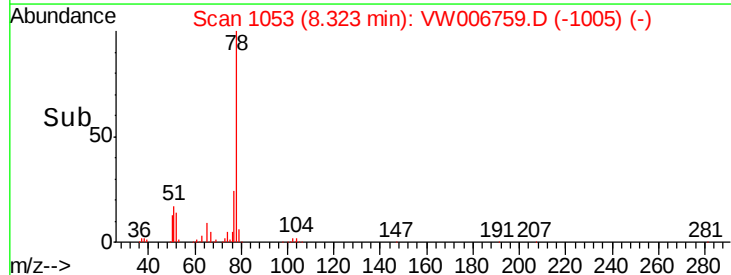
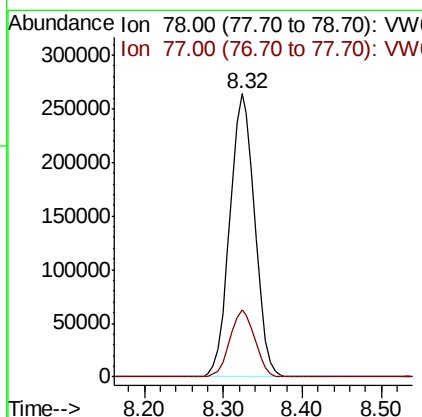
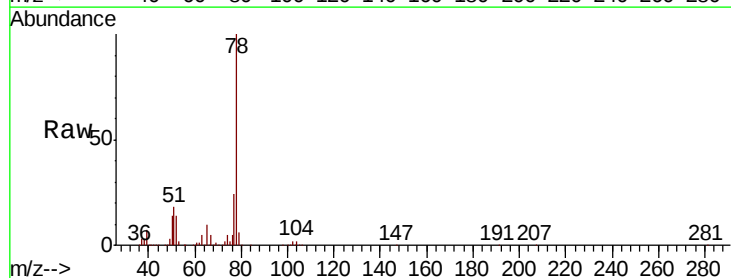
Manual Integrations
APPROVED

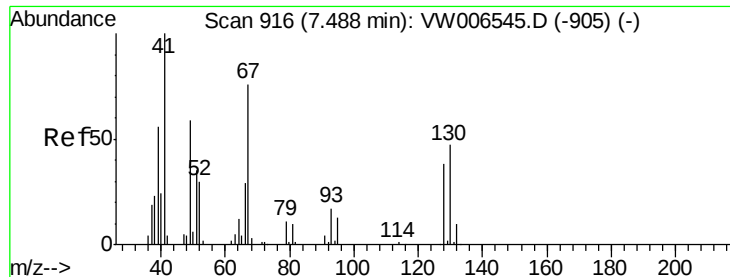
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#40
Benzene
Concen: 54.161 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.2	28.8





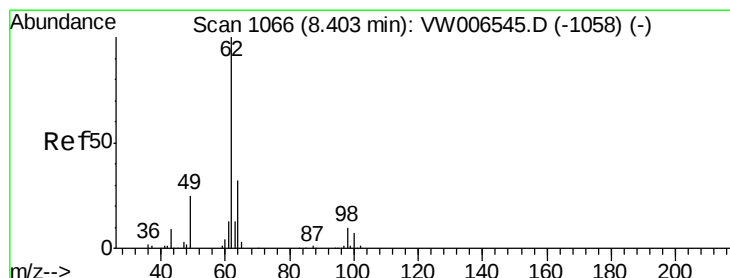
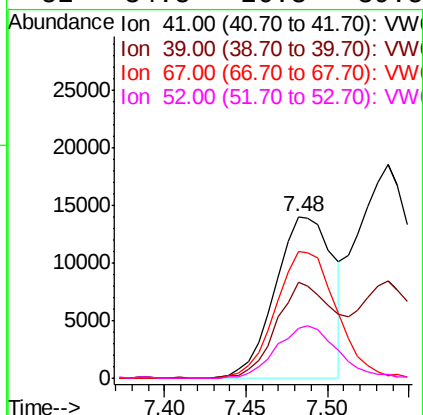
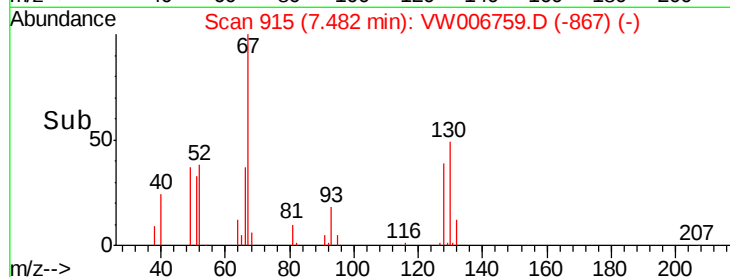
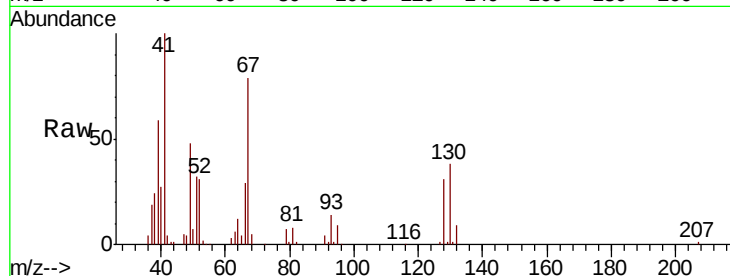
#41
Methacrylonitrile
Concen: 43.106 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	62.0	44.5	66.7
67	82.5	63.8	95.8
52	34.8	26.3	39.5

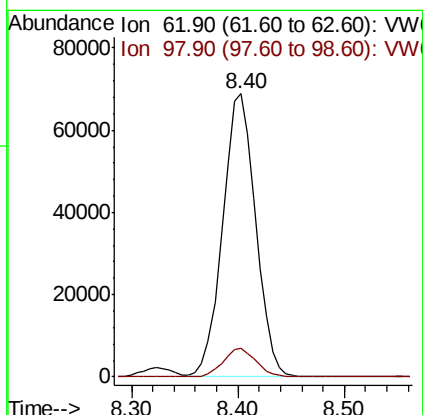
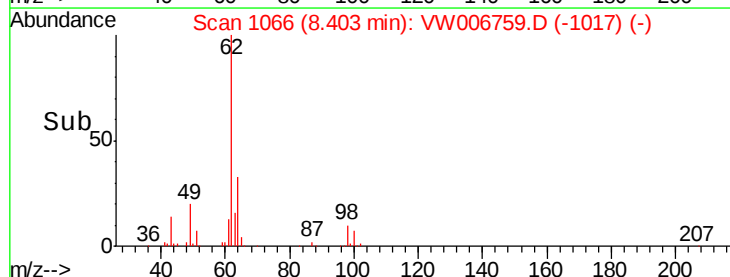
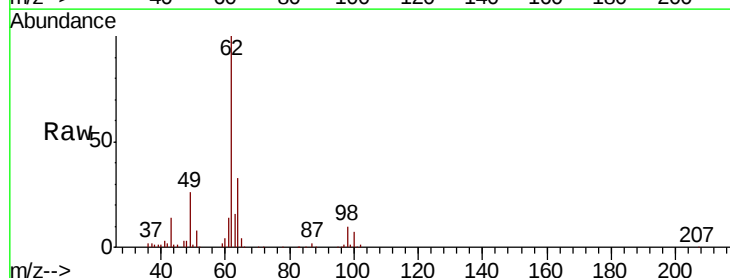
Manual Integrations
APPROVED

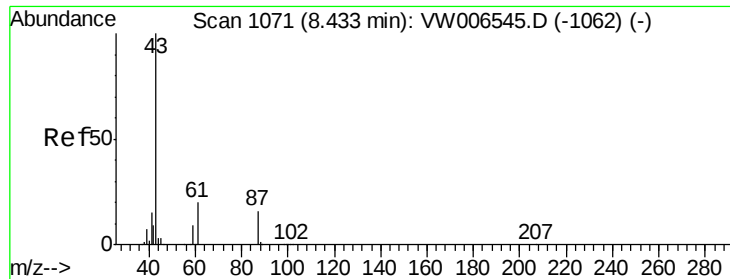
MMDadoda
11/9/2018 1:37:38 PM



#42
1,2-Dichloroethane
Concen: 48.671 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8





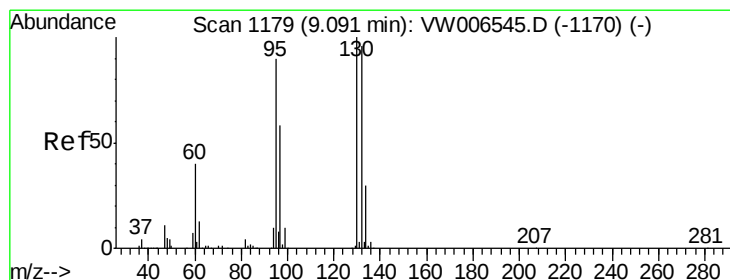
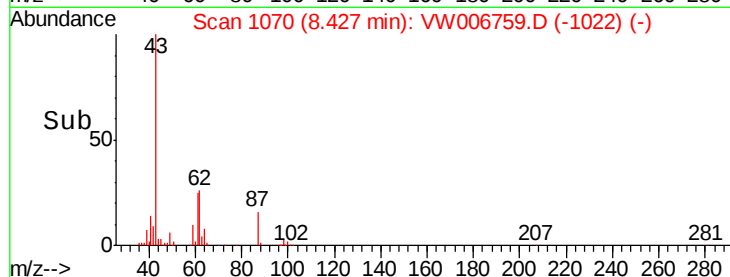
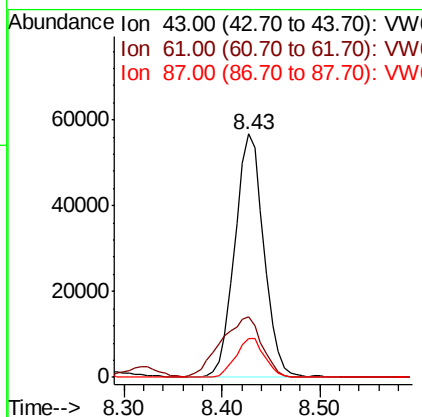
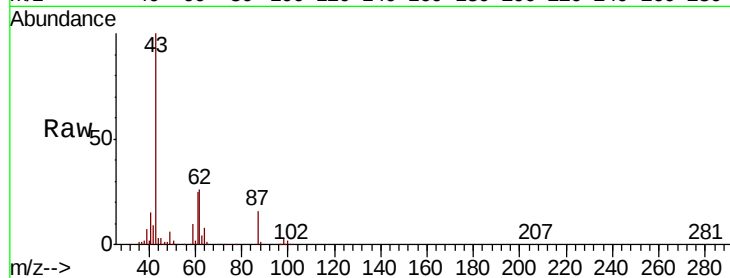
#43
Isopropyl Acetate
Concen: 44.753 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	35.1	27.2	40.8
87	16.1	12.9	19.3

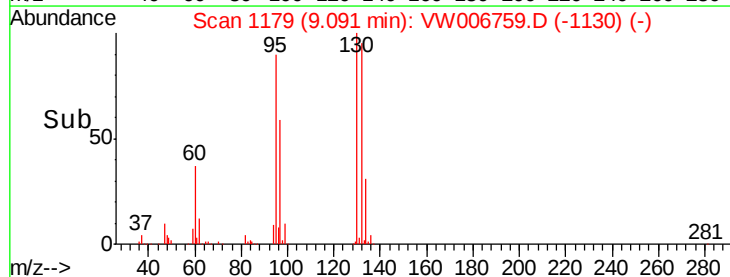
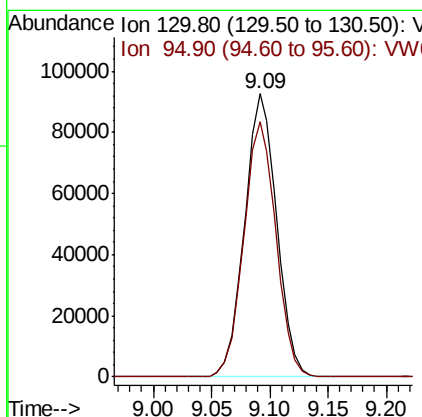
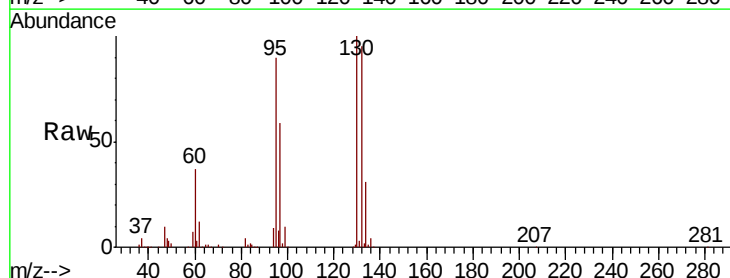
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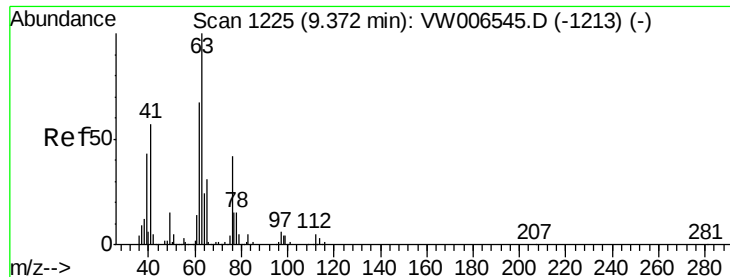
MMDadoda
11/9/2018 1:37:38 PM



#44
Trichloroethene
Concen: 54.102 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	179.2





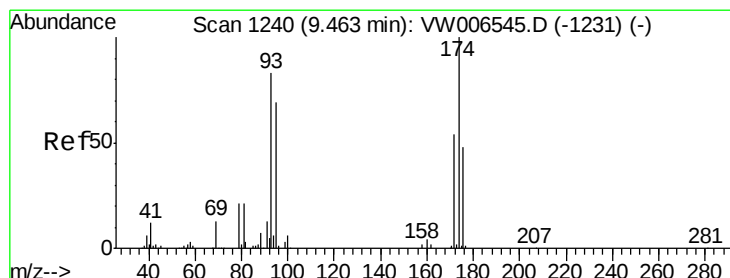
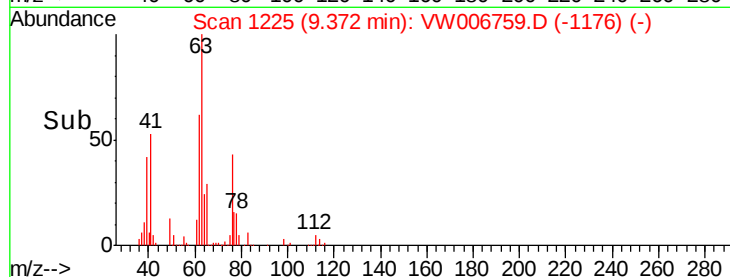
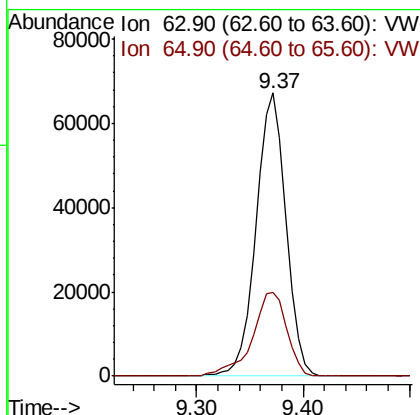
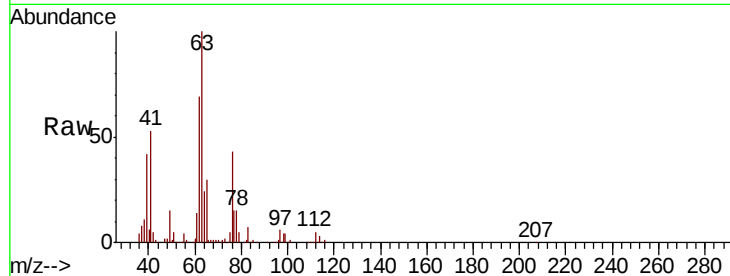
#45
 1,2-Dichloropropane
 Concen: 53.174 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	25.1	37.7

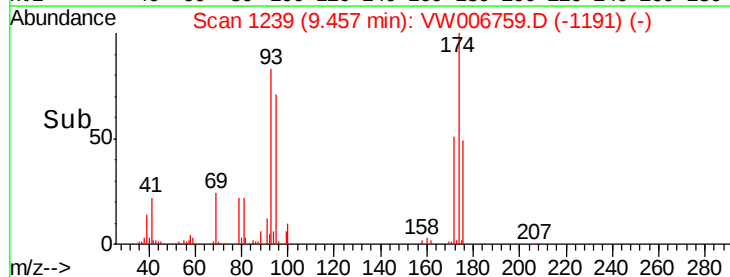
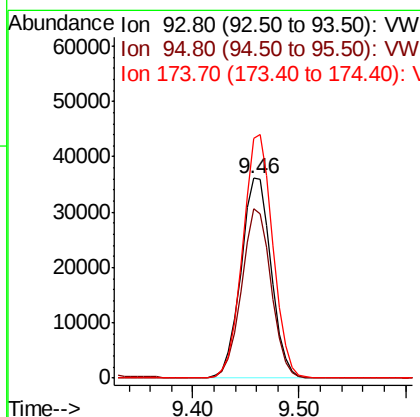
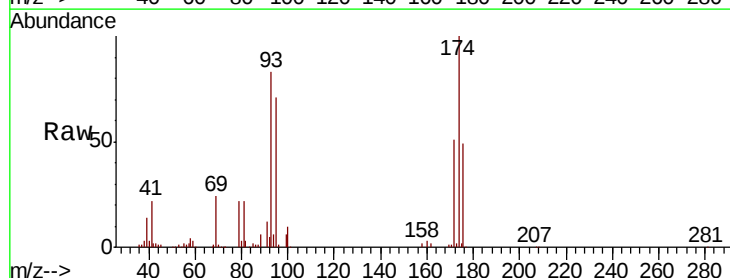
Manual Integrations
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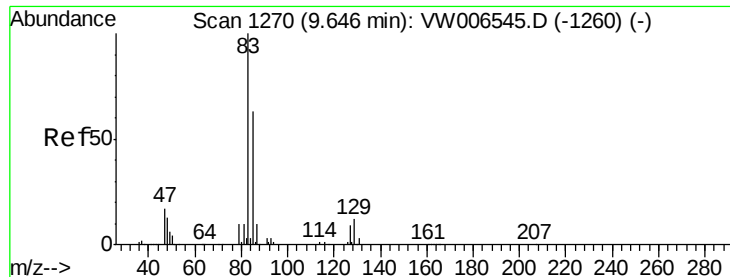
MMDadoda
 11/9/2018 1:37:38 PM



#46
 Dibromomethane
 Concen: 49.339 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	67.2	100.8
174	121.0	97.3	145.9





#47

Bromodichloromethane

Concen: 52.553 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

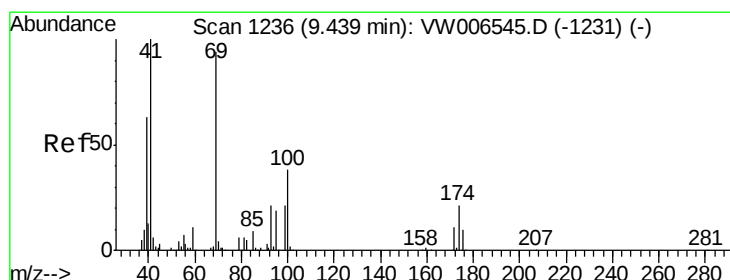
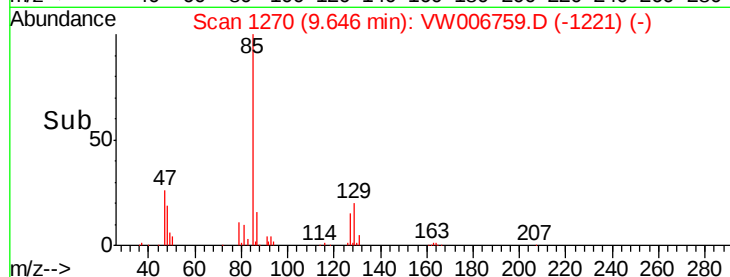
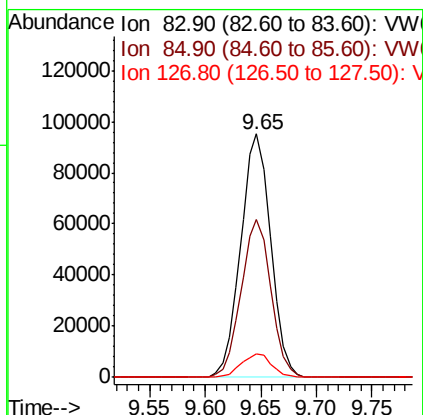
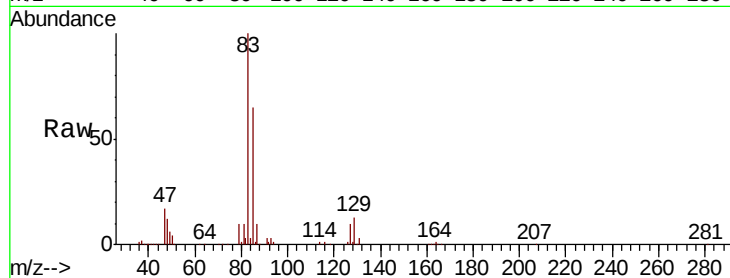
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	178340
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.6	75.8
127	9.8	7.5	11.3

Manual Integrations
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11/9/2018 1:37:38 PM



#48

Methyl methacrylate

Concen: 44.771 ug/l

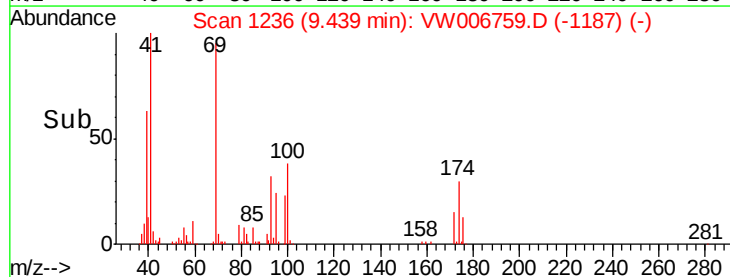
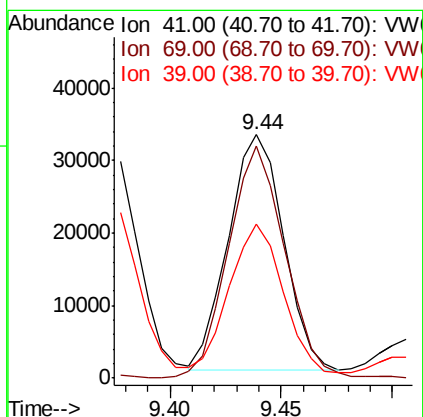
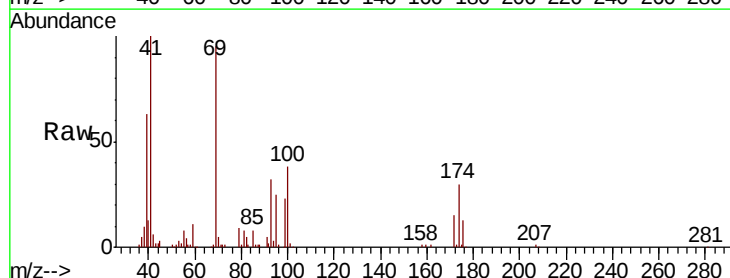
RT: 9.44 min Scan# 1236

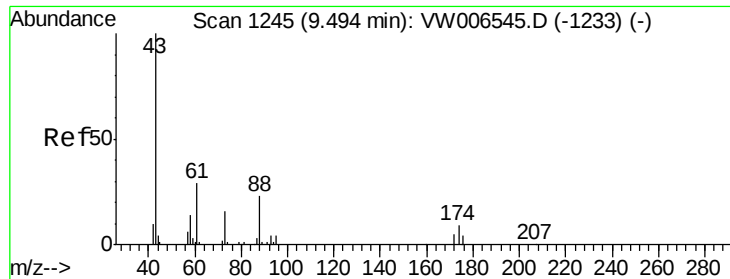
Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	41	Resp:	56106
Ion	Ratio	Lower	Upper
41	100		
69	101.6	77.8	116.8
39	61.0	48.7	73.1





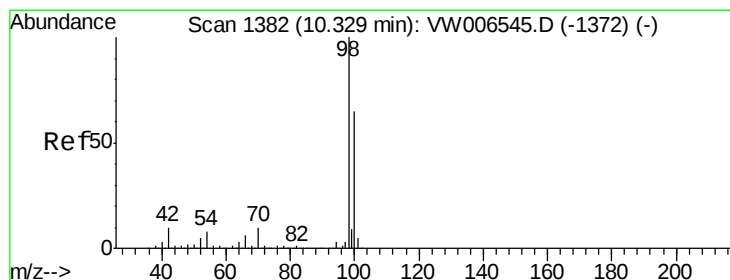
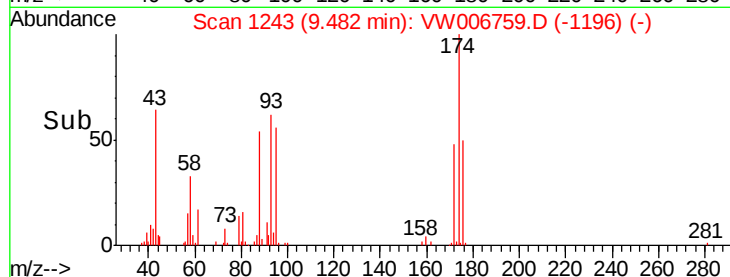
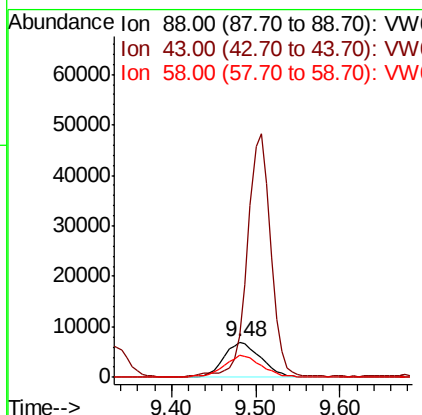
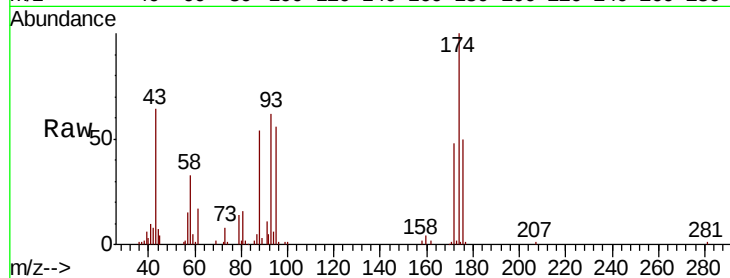
#49
1,4-Dioxane
Concen: 983.950 ug/l
RT: 9.48 min Scan# 1243
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	21046
Ion Ratio	Lower	Upper	
88	100		
43	0.0	356.6	534.8#
58	62.0	51.4	77.2

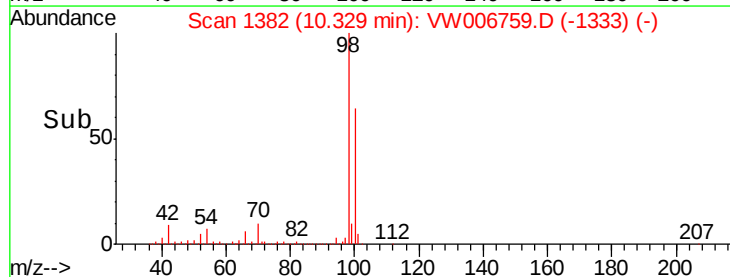
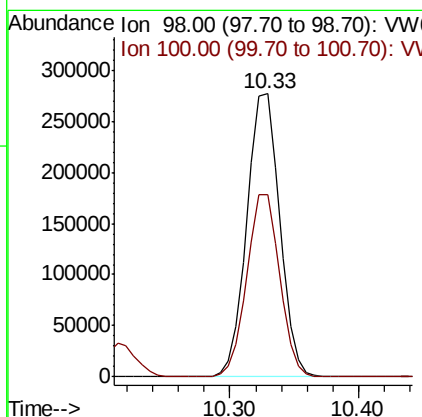
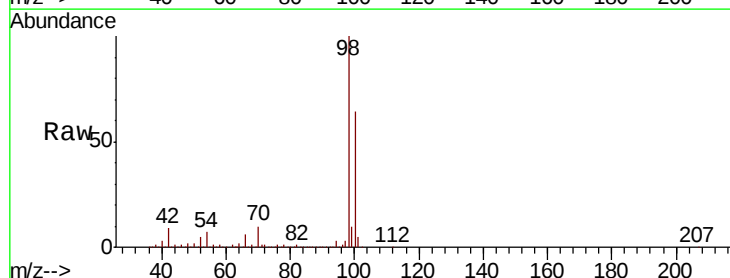
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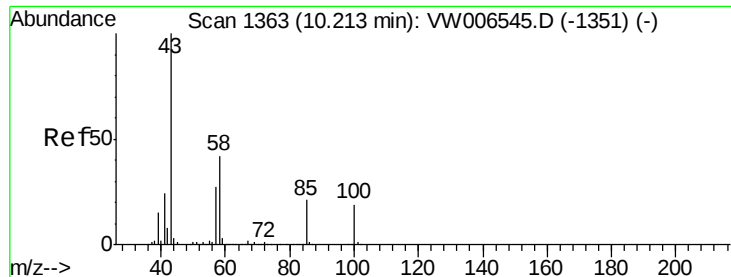
MMDadoda
11/9/2018 1:37:38 PM



#50
Toluene-d8
Concen: 47.739 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	98	Resp	487818
Ion Ratio	Lower	Upper	
98	100		
100	64.4	51.6	77.4





#51

4-Methyl-2-Pentanone

Concen: 225.864 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 301723

Ion Ratio Lower Upper

43 100

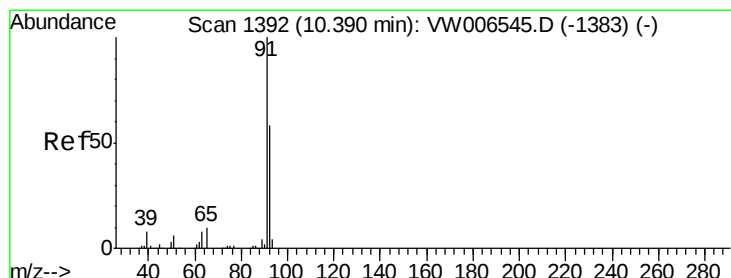
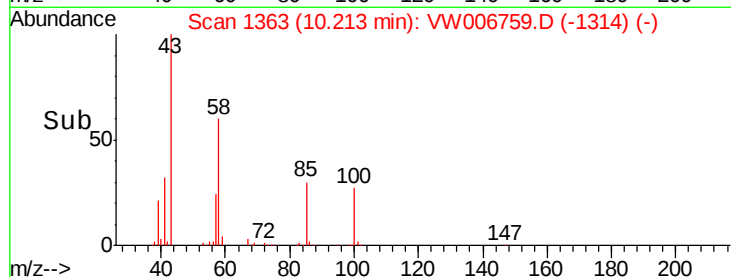
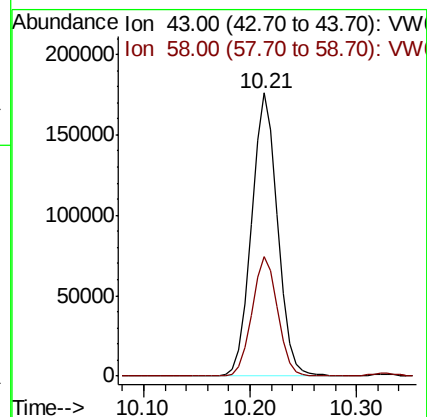
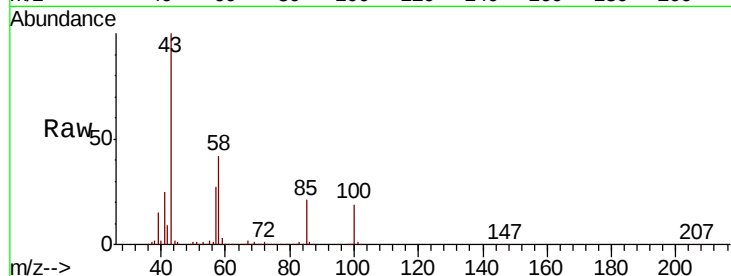
58 41.7 33.4 50.0

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#52

Toluene

Concen: 53.610 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW006759.D

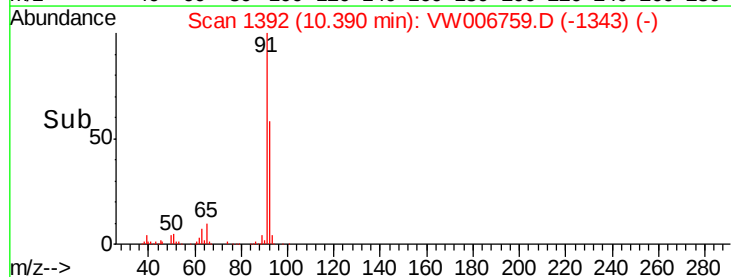
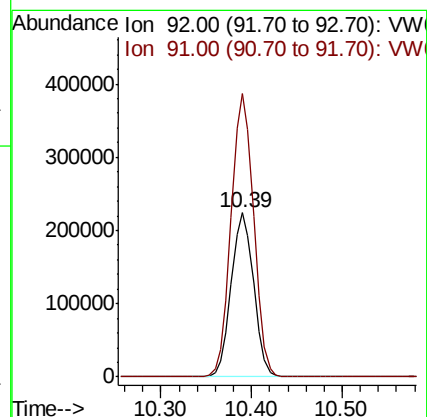
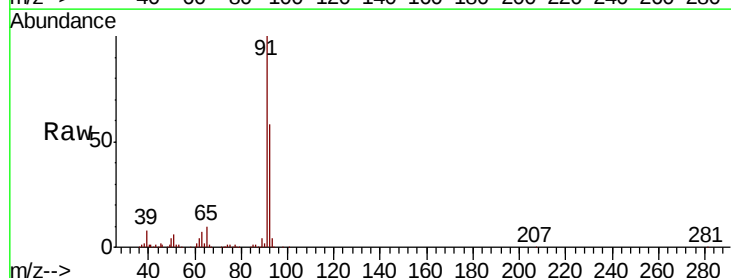
Acq: 08 Nov 2018 11:48

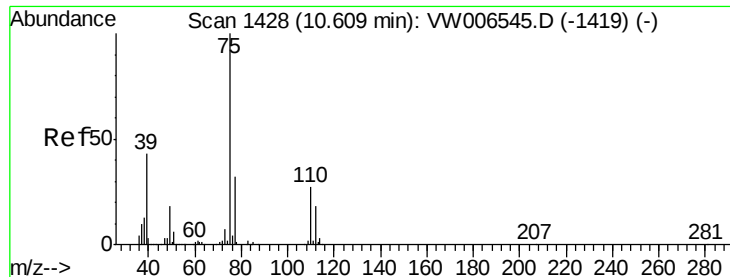
Tgt Ion: 92 Resp: 384154

Ion Ratio Lower Upper

92 100

91 173.7 138.6 208.0





#53

t-1,3-Dichloropropene

Concen: 53.033 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 173205

Ion Ratio Lower Upper

75 100

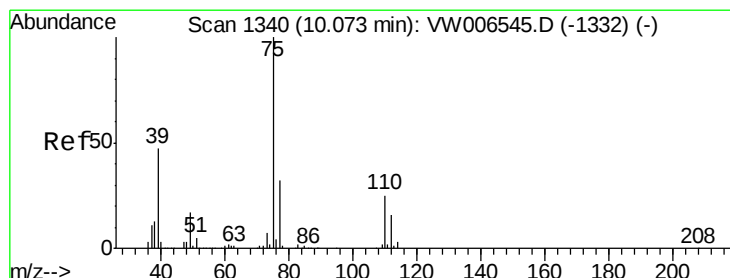
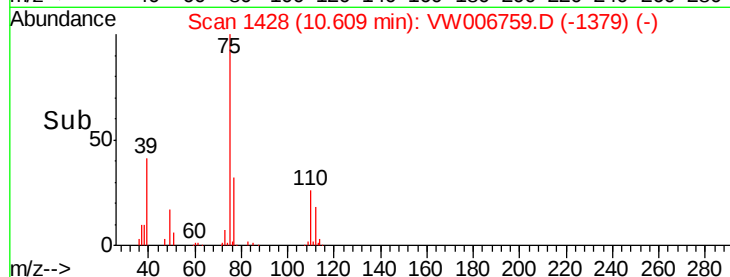
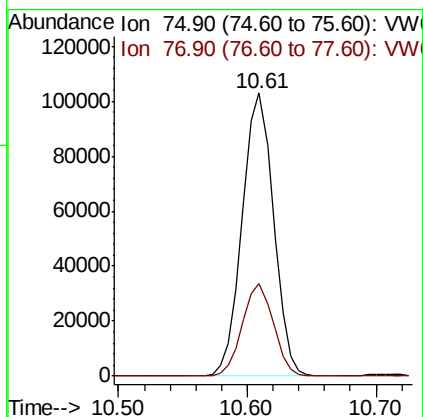
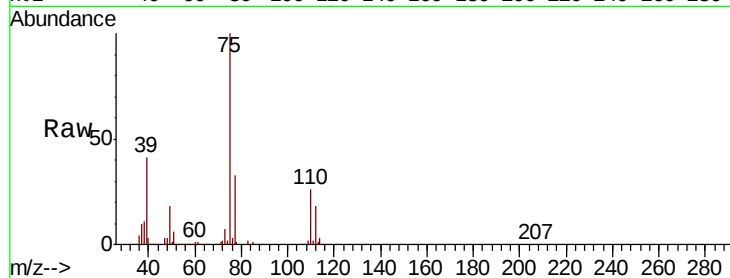
77 32.4 25.6 38.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 53.307 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

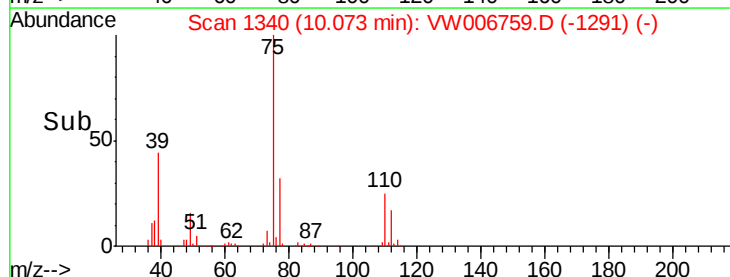
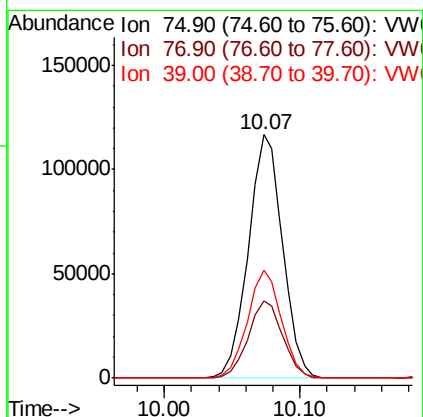
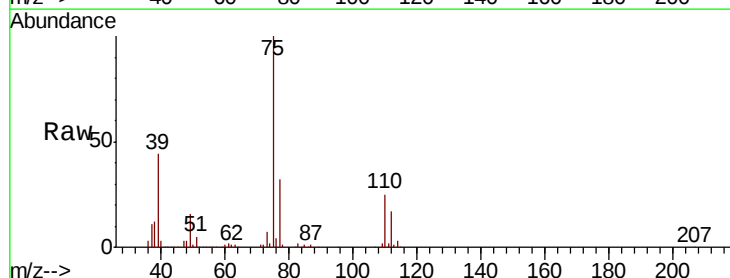
Tgt Ion: 75 Resp: 205736

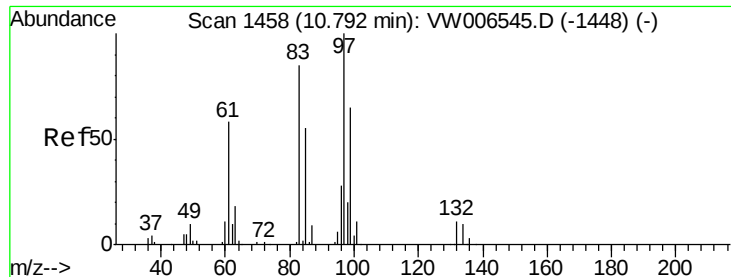
Ion Ratio Lower Upper

75 100

77 31.9 25.7 38.5

39 44.2 37.3 55.9





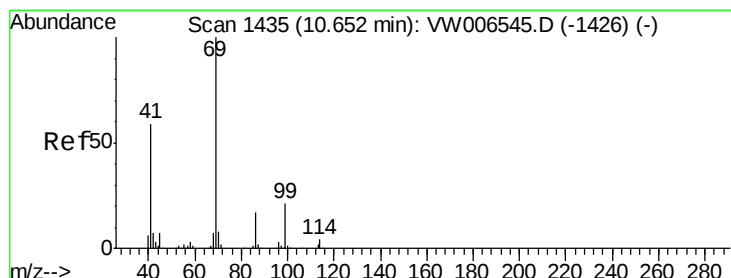
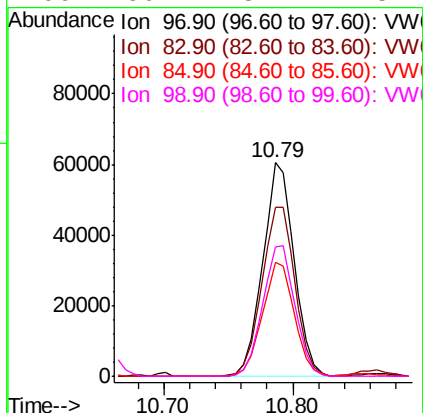
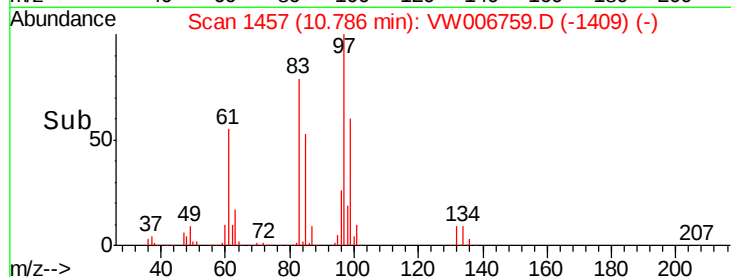
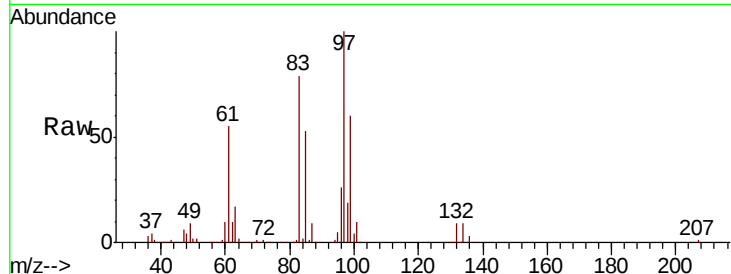
#55
 1,1,2-Trichloroethane
 Concen: 49.146 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	101915
Ion	Ratio	Lower	Upper
97	100		
83	79.1	67.9	101.9
85	53.1	44.0	66.0
99	60.4	52.2	78.2

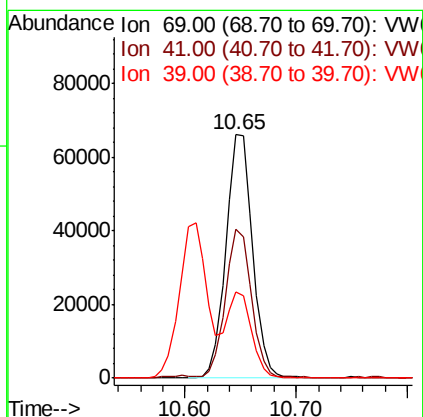
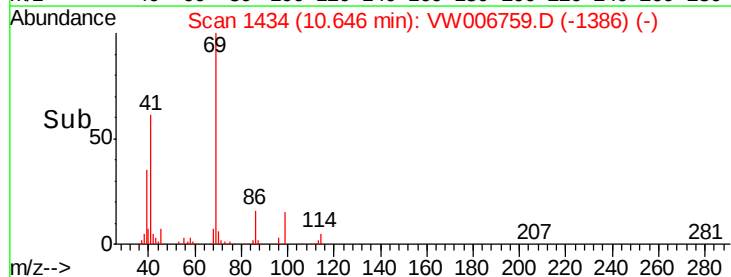
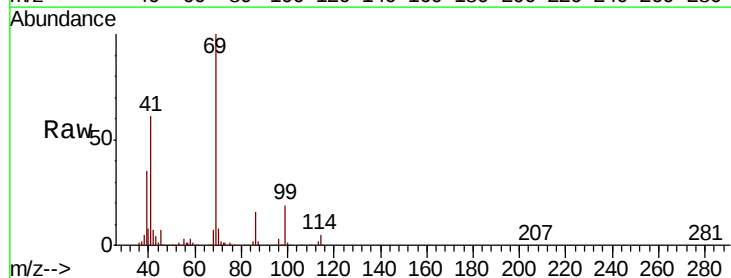
Manual Integrations
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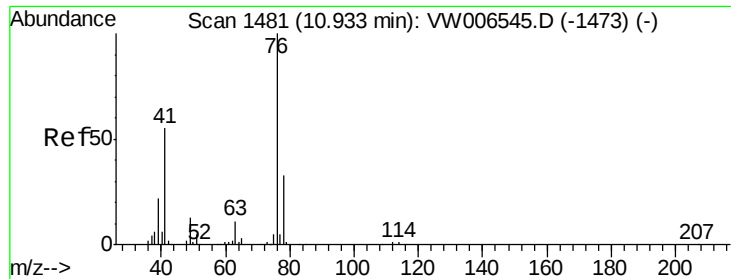
MMDadoda
 11/9/2018 1:37:38 PM



#56
 Ethyl methacrylate
 Concen: 46.468 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion:	69	Resp:	109523
Ion	Ratio	Lower	Upper
69	100		
41	59.8	47.4	71.2
39	34.3	25.3	37.9





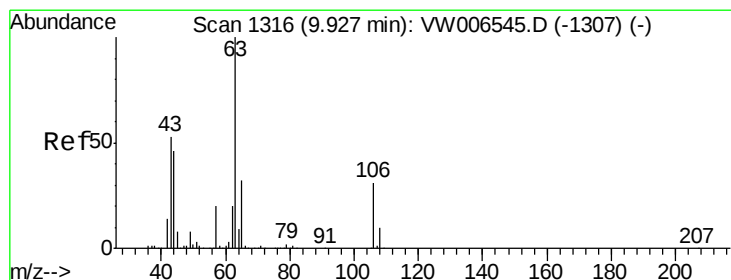
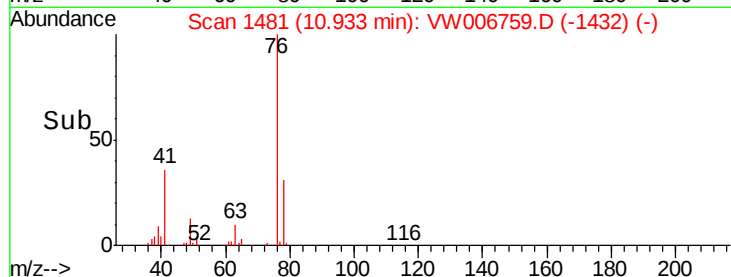
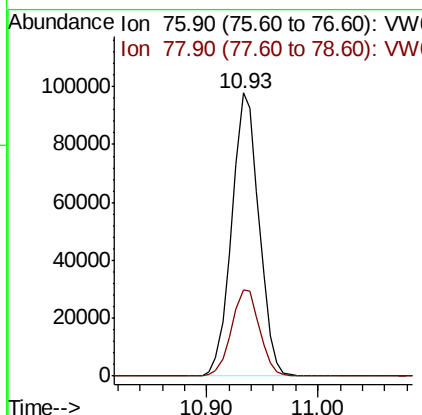
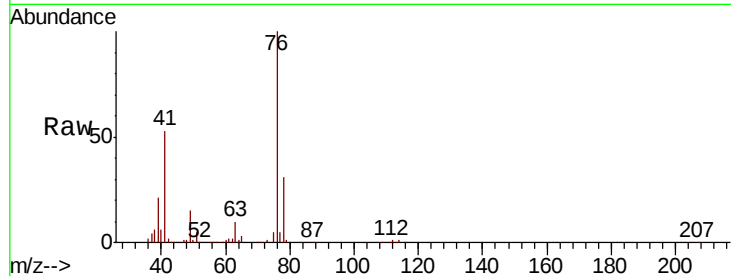
#57
 1,3-Dichloropropane
 Concen: 49.136 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDCCC050

Tot Ion: 76 Resp: 165458
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.2 39.4

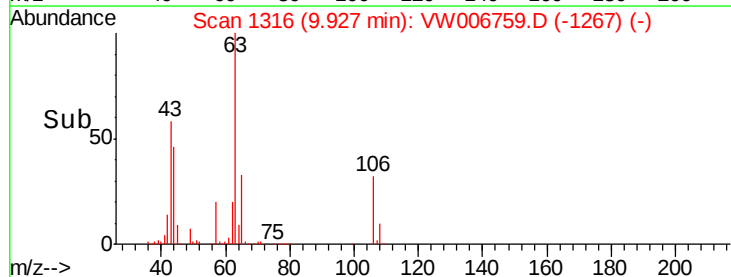
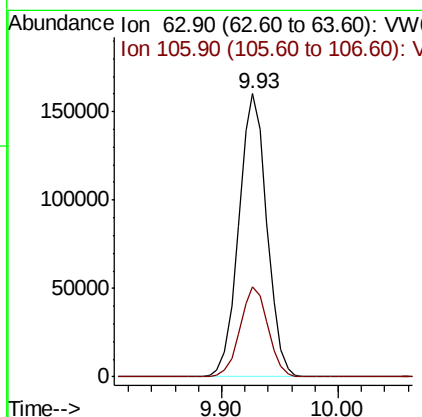
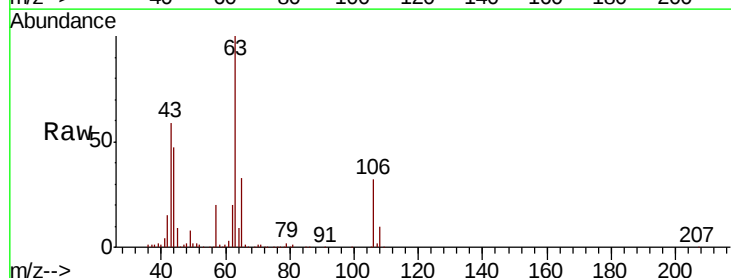
Manual Integrations
 APPROVED

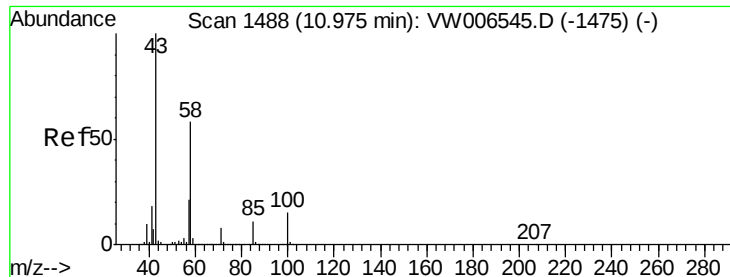
MMDadoda
 11/9/2018 1:37:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 234.720 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion: 63 Resp: 268929
 Ion Ratio Lower Upper
 63 100
 106 31.6 25.4 38.2





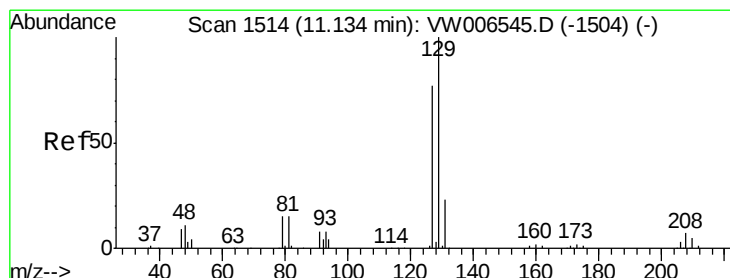
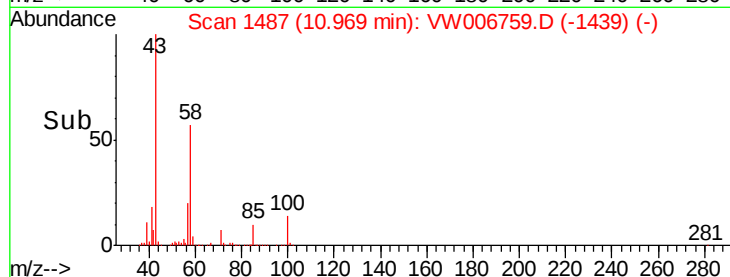
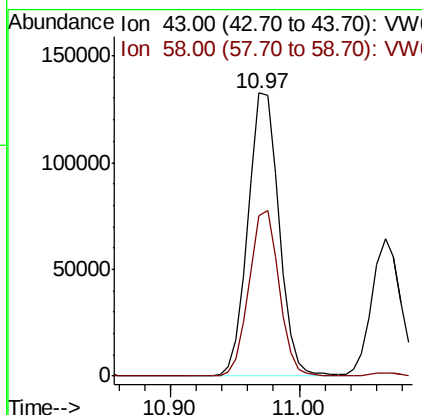
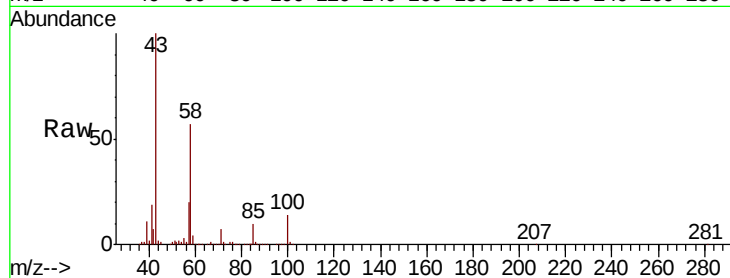
#59
2-Hexanone
Concen: 242.665 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	220171
Ion Ratio	100	Lower	Upper
43	100		
58	56.7	28.8	86.4

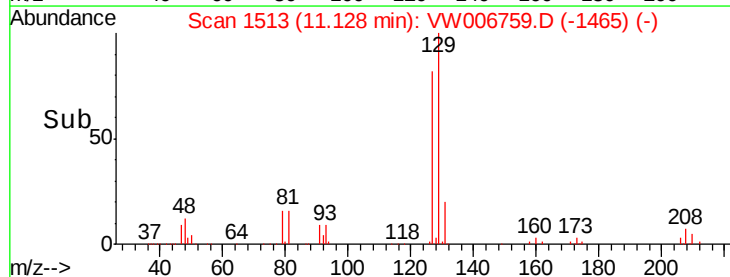
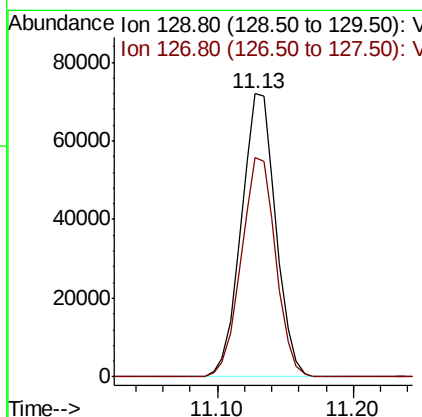
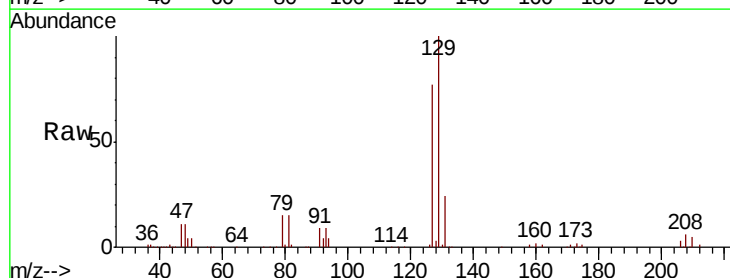
Manual Integrations
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11/9/2018 1:37:38 PM



#60
Dibromochloromethane
Concen: 51.875 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	129	Resp	127455
Ion Ratio	100	Lower	Upper
129	100		
127	77.3	38.8	116.3





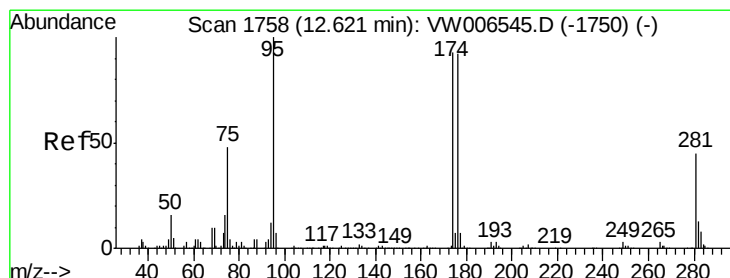
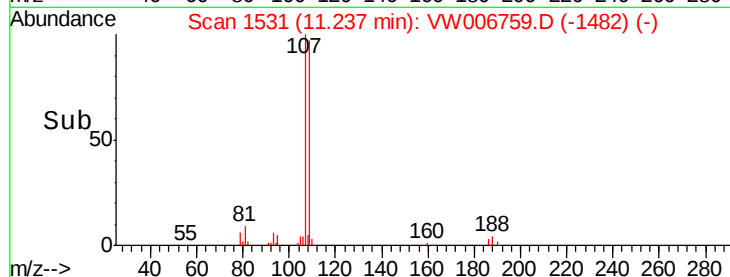
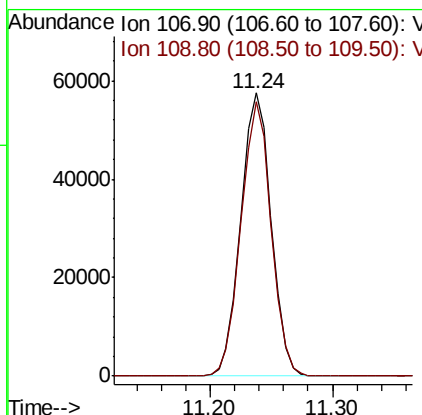
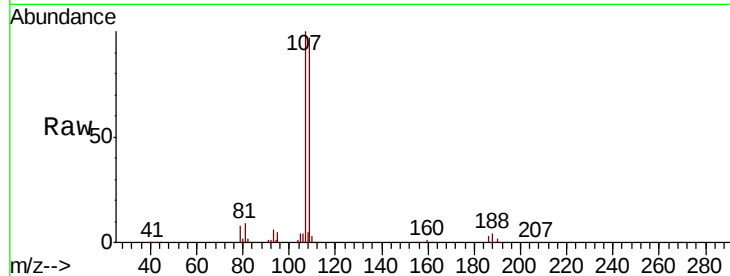
#61
 1,2-Dibromoethane
 Concen: 48.160 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 99177
 Ion Ratio Lower Upper
 107 100
 109 95.9 75.8 113.6

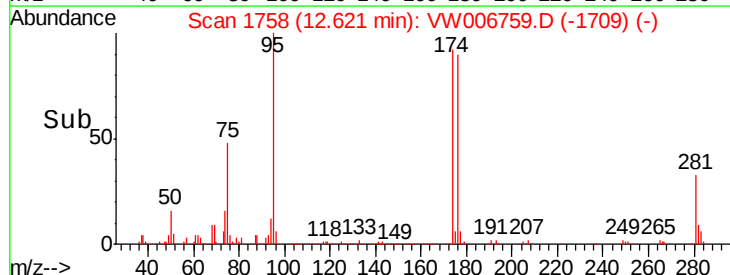
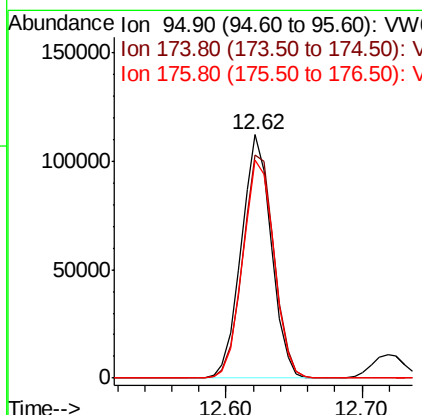
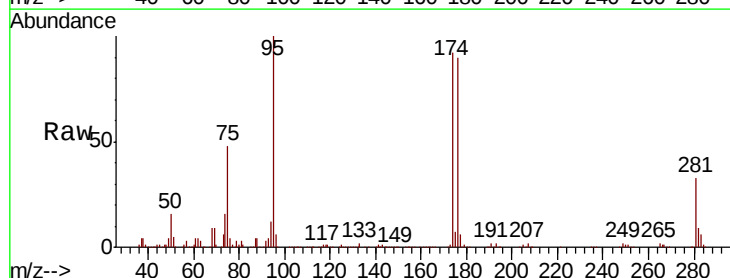
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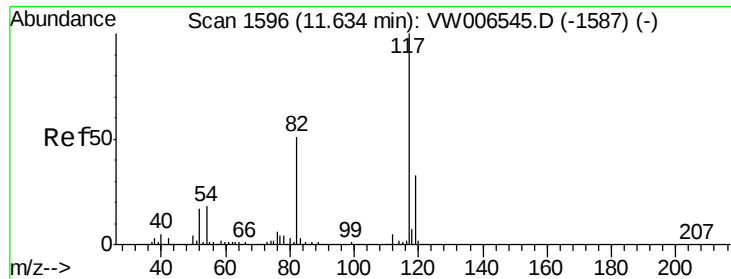
MMDadoda
 11/9/2018 1:37:38 PM



#62
 4-Bromofluorobenzene
 Concen: 46.856 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion: 95 Resp: 173583
 Ion Ratio Lower Upper
 95 100
 174 96.0 0.0 192.4
 176 93.3 0.0 187.4





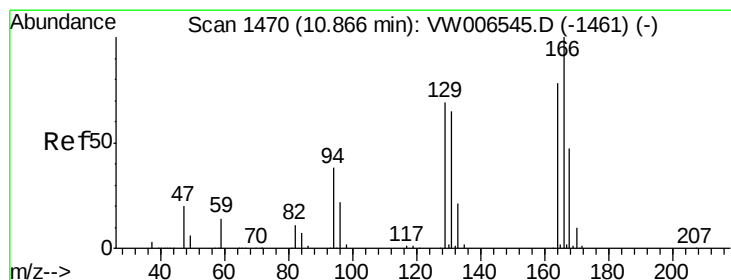
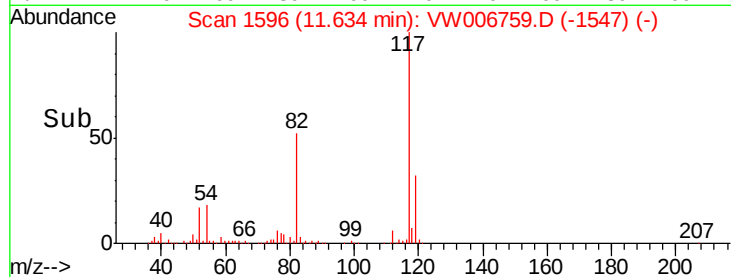
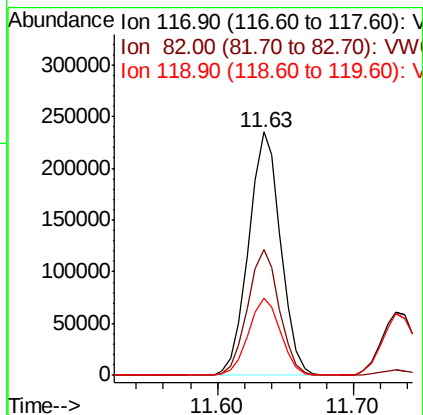
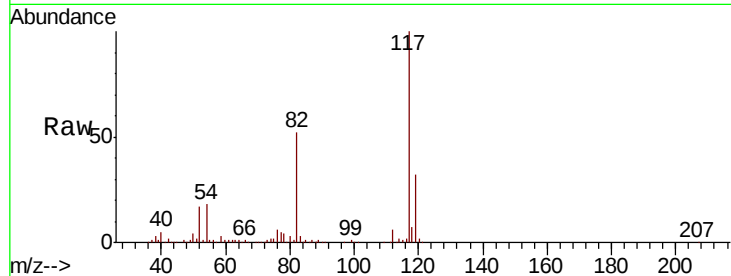
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	40.8	61.2
119	31.6	26.1	39.1

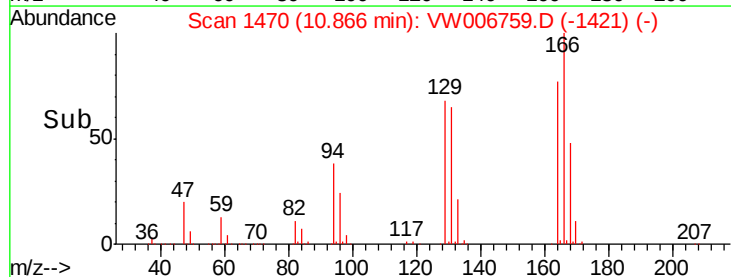
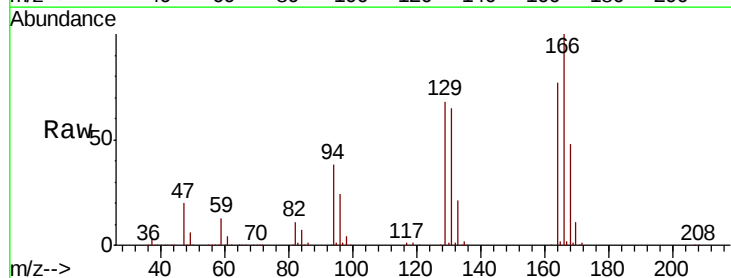
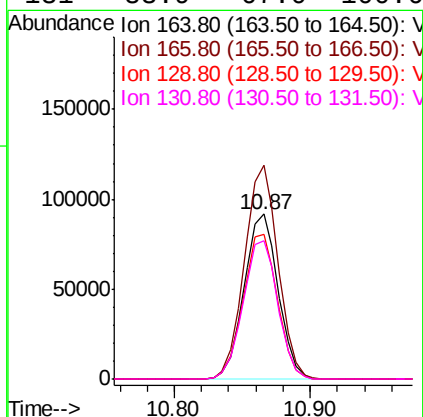
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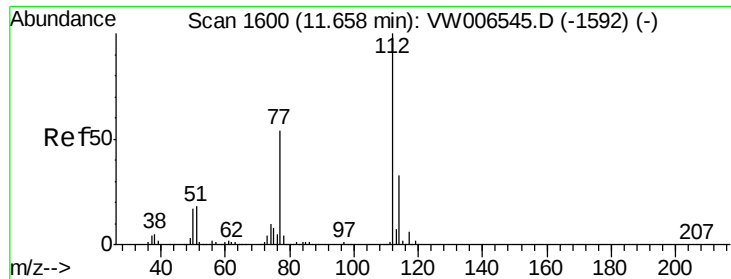
MMDadoda
11/9/2018 1:37:38 PM



#64
Tetrachloroethene
Concen: 51.885 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	102.8	154.2
129	87.6	70.9	106.3
131	83.9	67.0	100.6





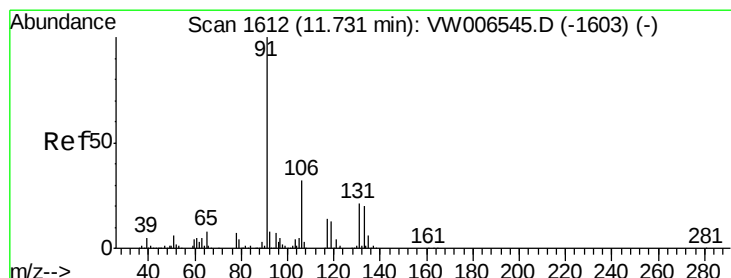
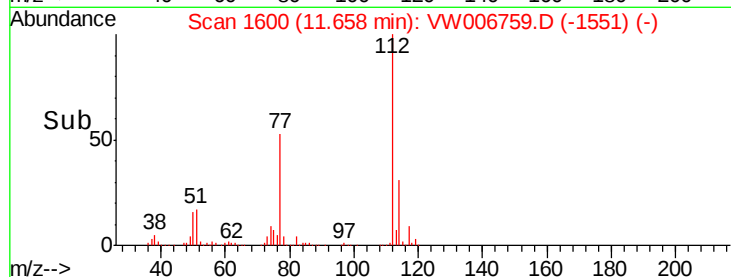
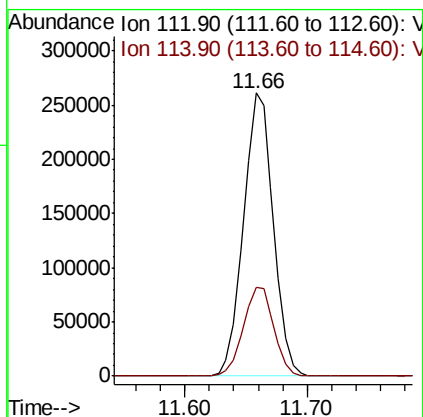
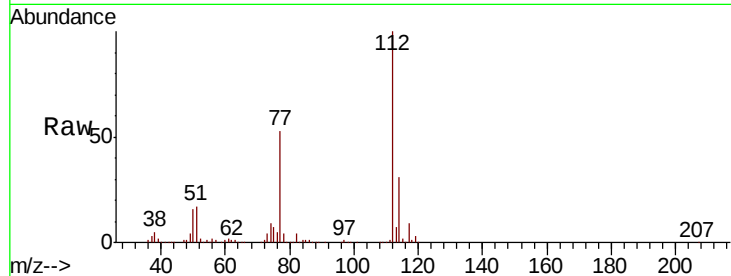
#65
Chlorobenzene
Concen: 53.970 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.3	26.2	39.2

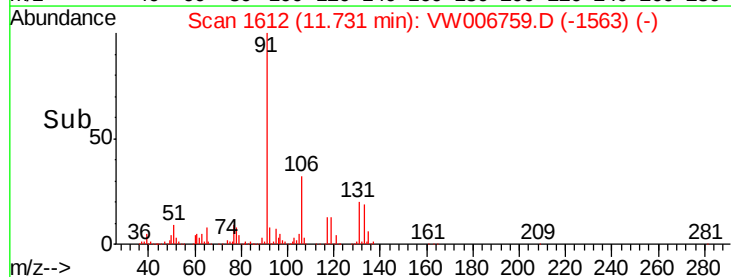
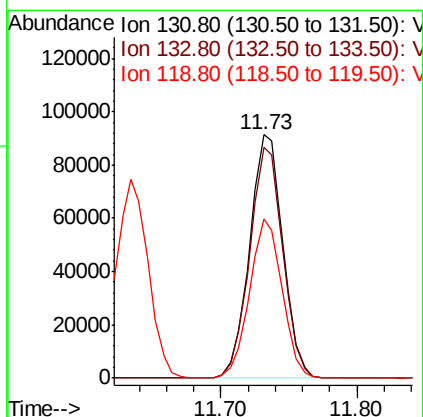
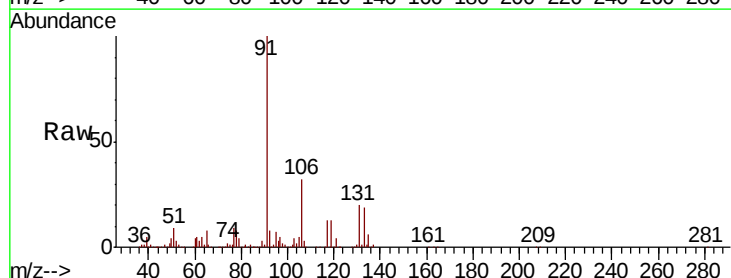
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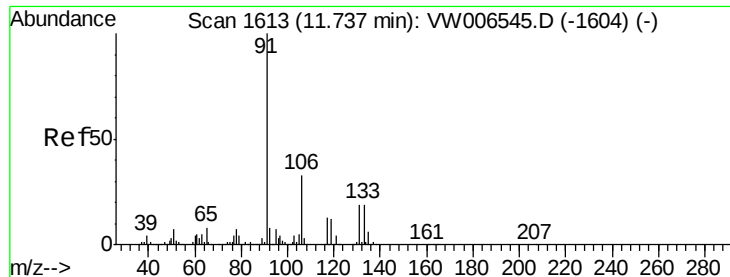
MMDadoda
11/9/2018 1:37:38 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 54.633 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.5	142.5
119	64.1	31.9	95.5





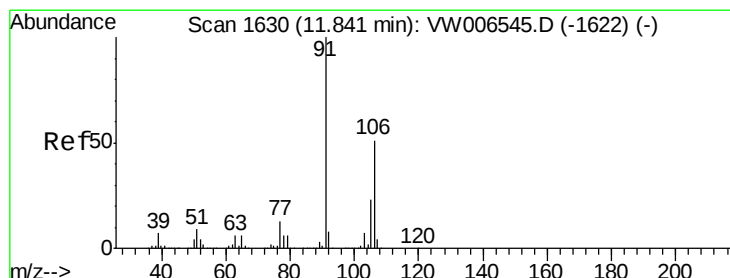
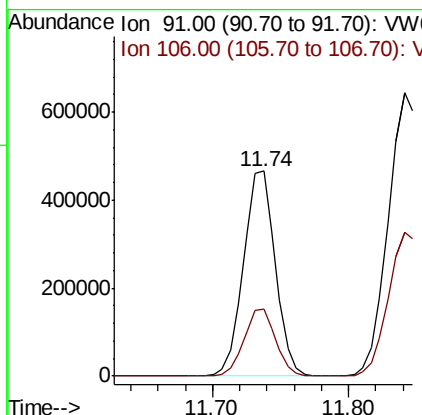
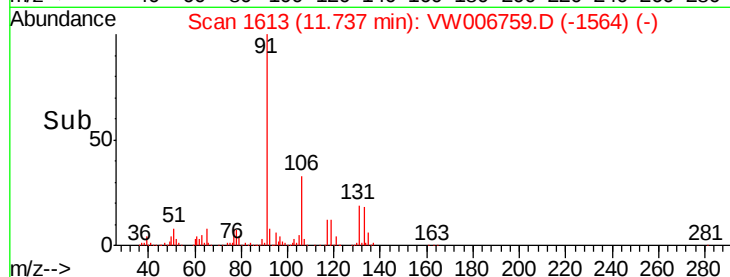
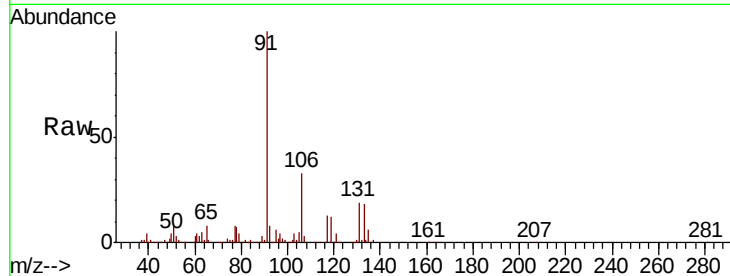
#67
Ethyl Benzene
Concen: 56.033 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
106	32.9	26.3	39.5

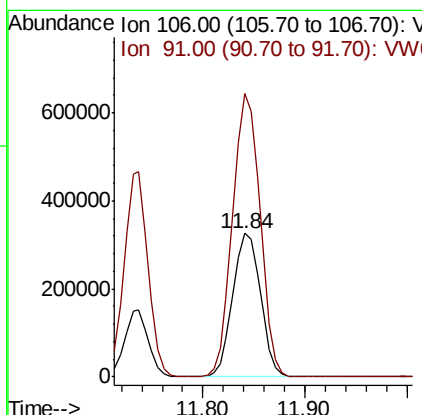
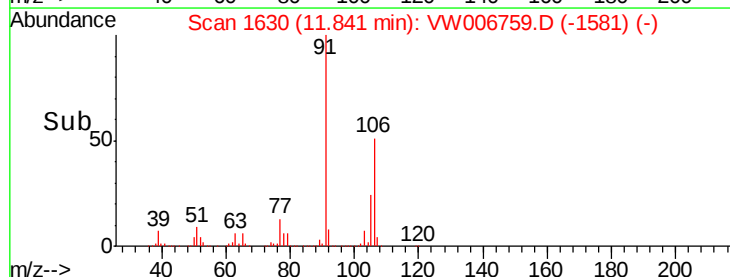
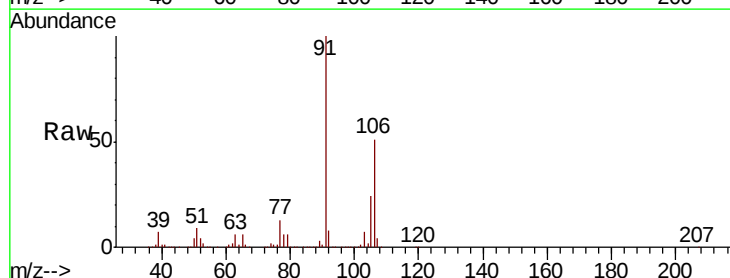
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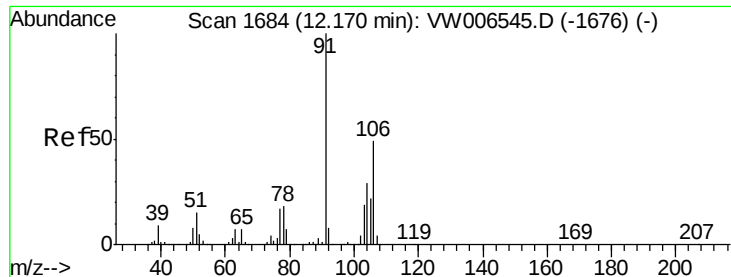
MMDadoda
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#68
m/p-Xylenes
Concen: 112.872 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
106	100		
91	195.8	156.7	235.1





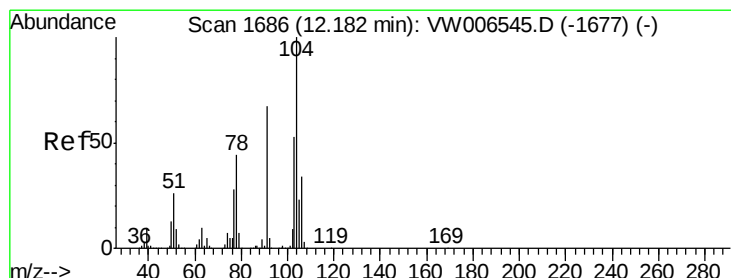
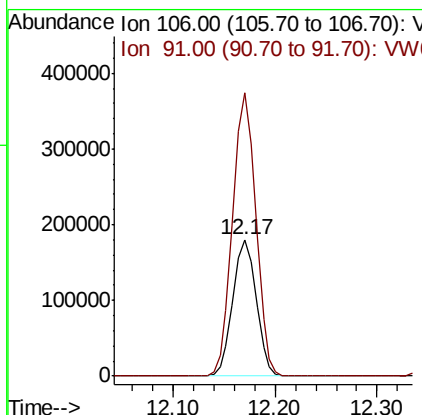
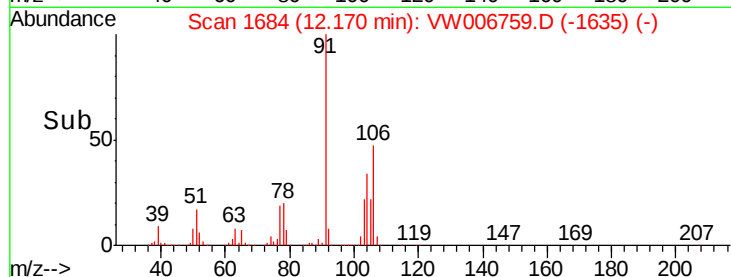
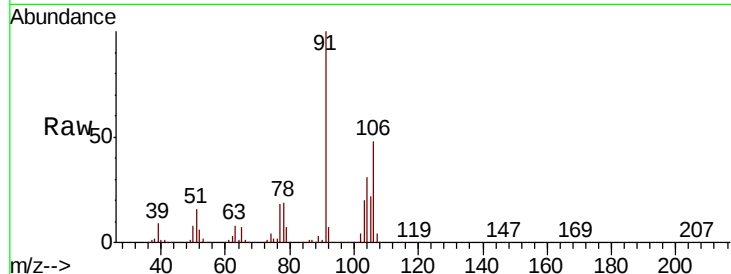
#69
o-Xylene
Concen: 55.132 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	206.2	102.8	308.4	

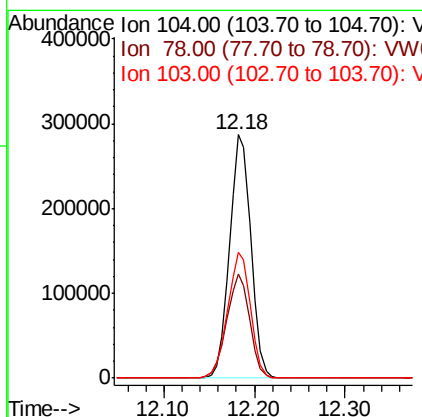
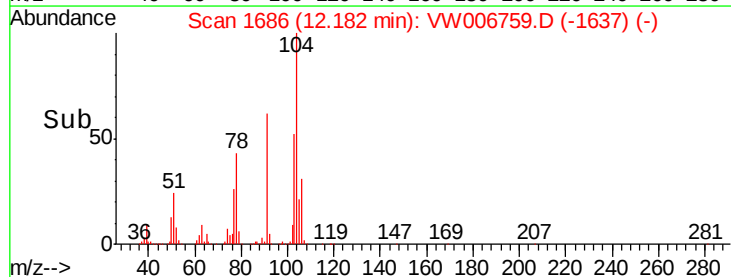
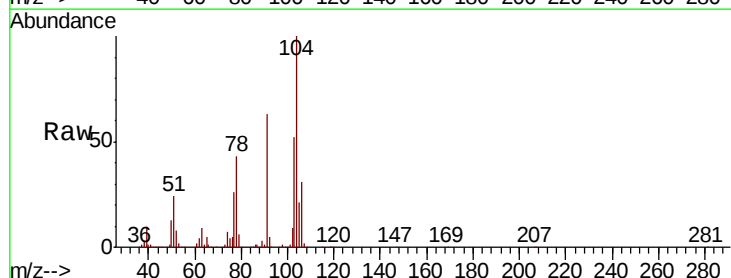
Manual Integrations
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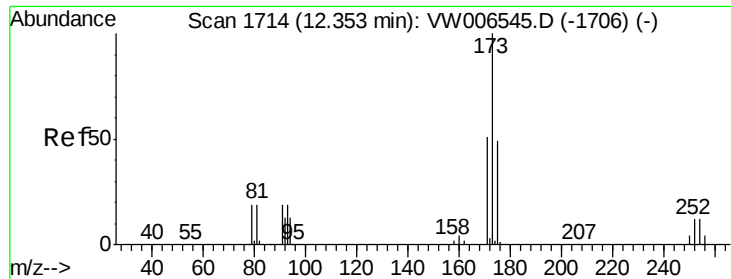
MMDadoda
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#70
Styrene
Concen: 55.337 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	46.2	37.2	55.8	
103	55.3	44.2	66.2	





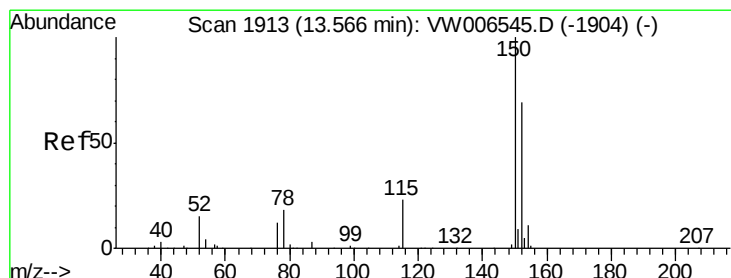
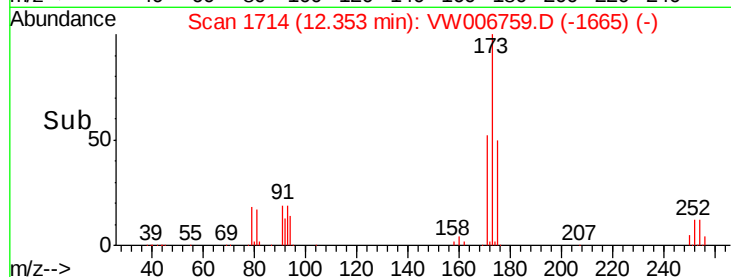
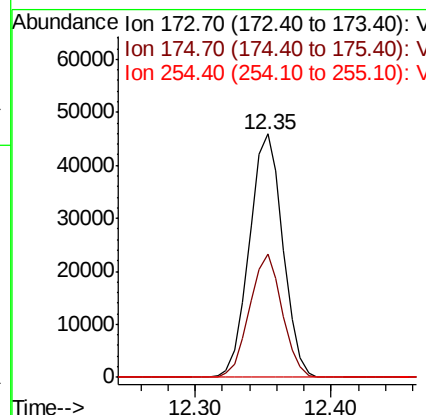
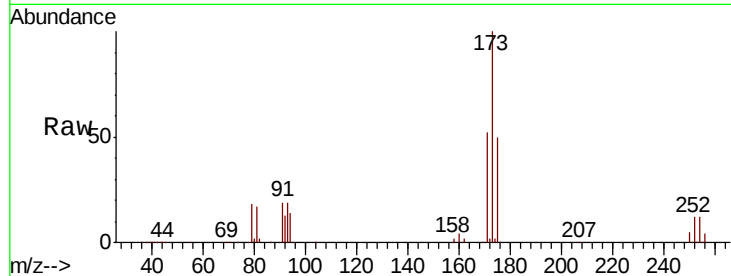
#71
Bromoform
Concen: 52.017 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.4
254	0.2	0.1	0.1#

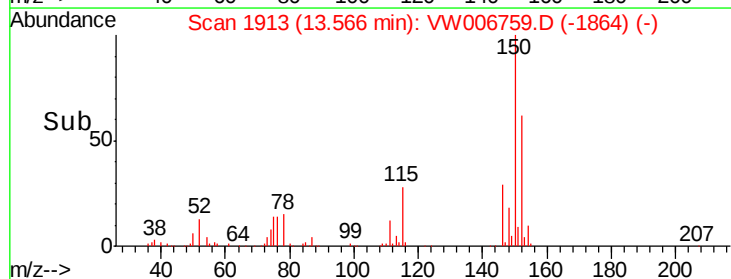
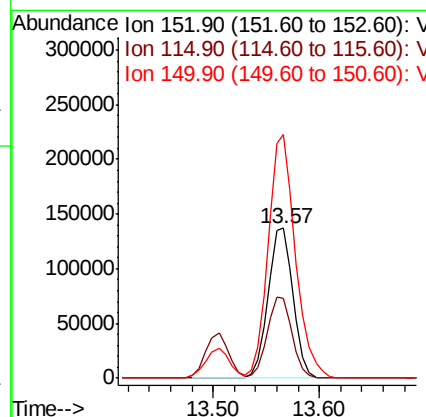
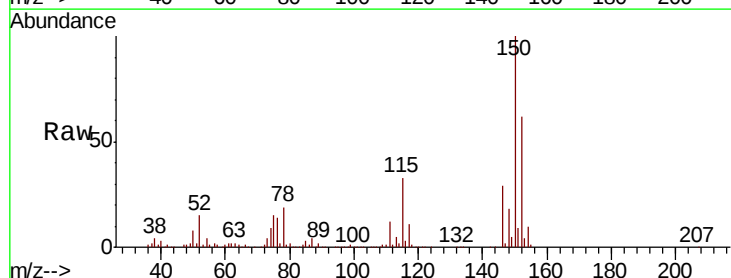
Manual Integrations
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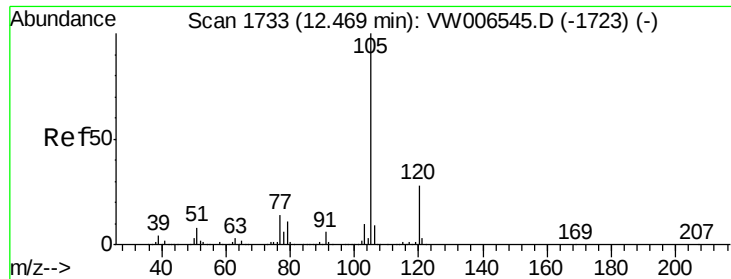
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.7	26.6	79.8
150	175.6	0.0	344.6





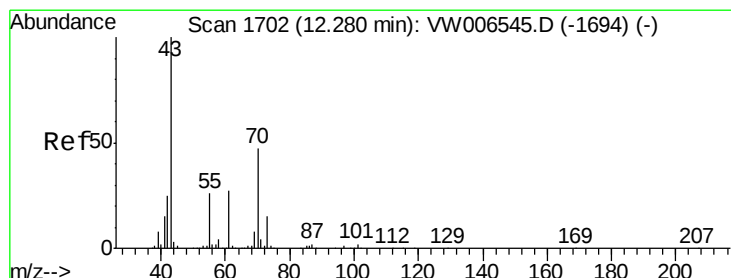
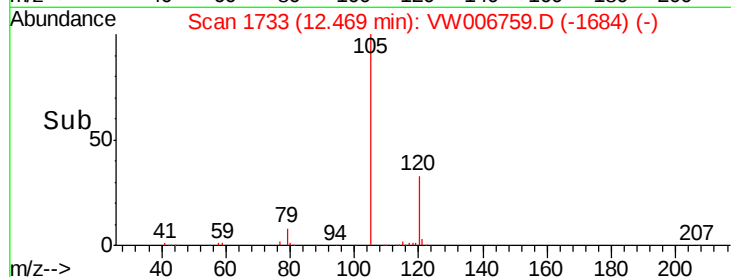
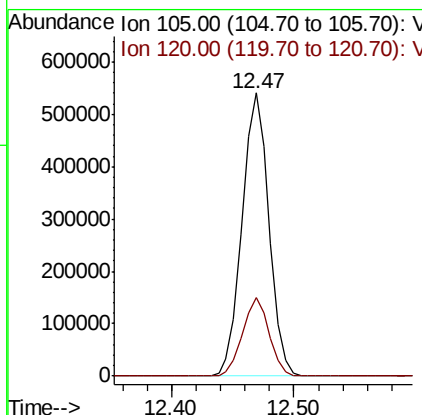
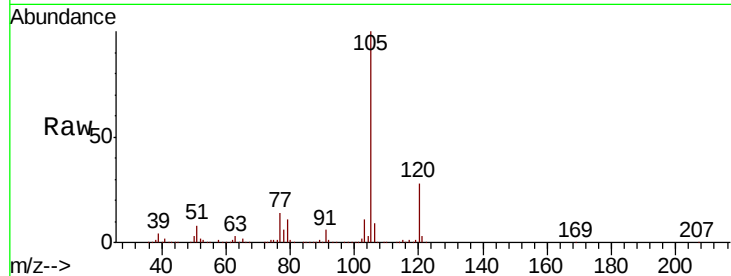
#73
Isopropylbenzene
Concen: 55.415 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.7	41.1

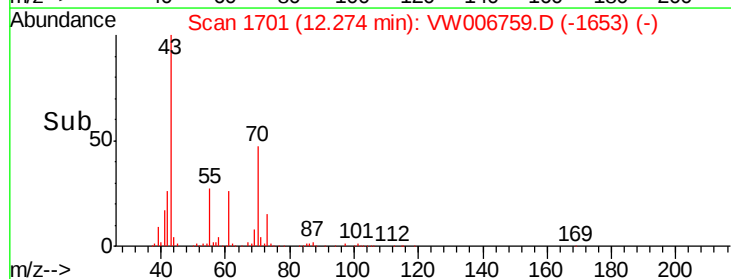
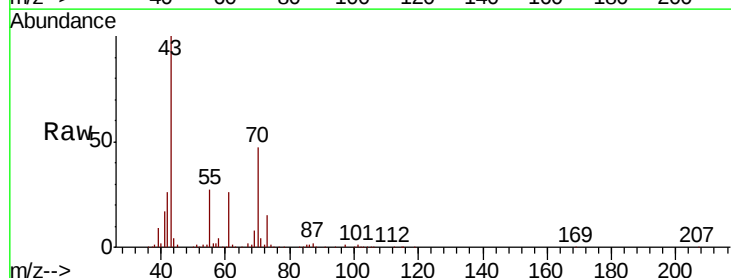
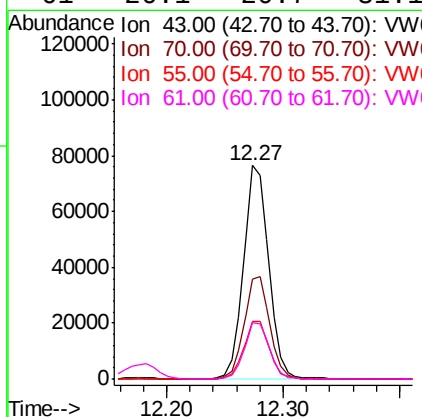
Manual Integrations
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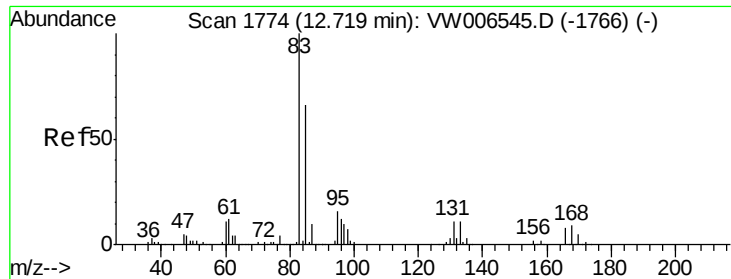
MMDadoda
11/9/2018 1:37:38 PM



#74
N-ethyl acetate
Concen: 45.131 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.01 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
70	48.7	36.9	55.3
55	27.4	20.7	31.1
61	26.1	20.7	31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.416 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

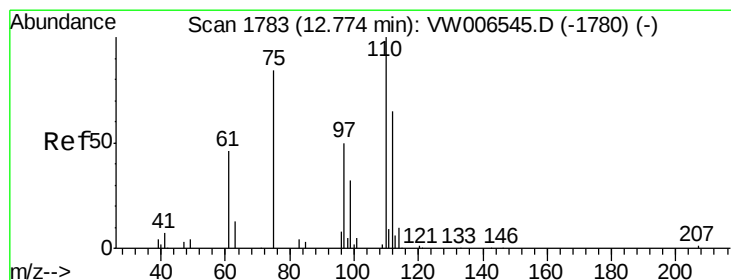
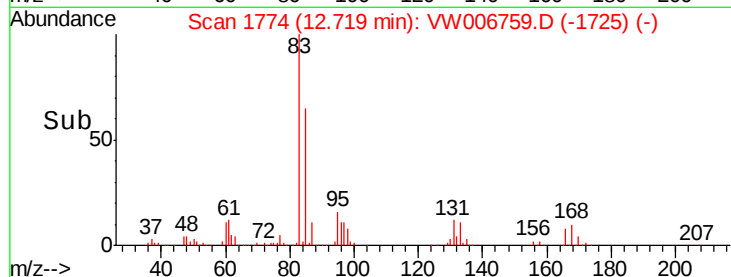
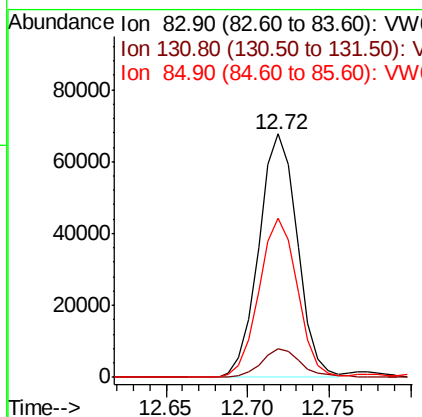
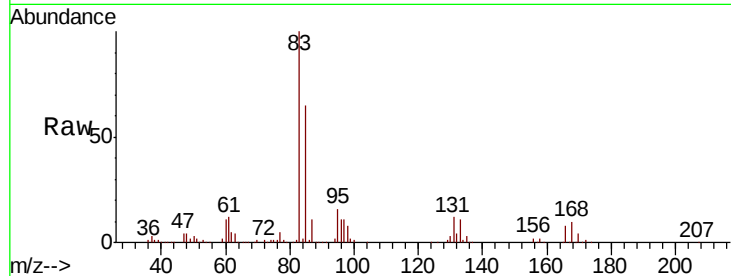
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	110997
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.9	17.7
85	65.2	32.3	96.8

Manual Integrations
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11/9/2018 1:37:38 PM



#76

1,2,3-Trichloropropane

Concen: 47.471 ug/l m

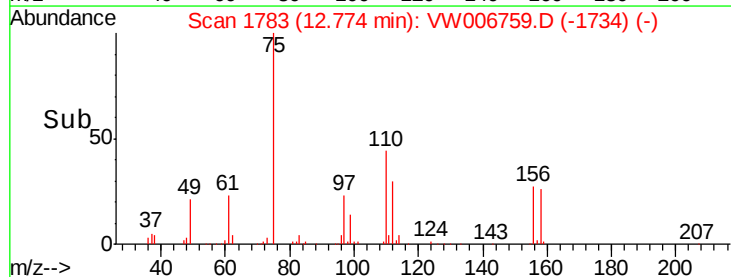
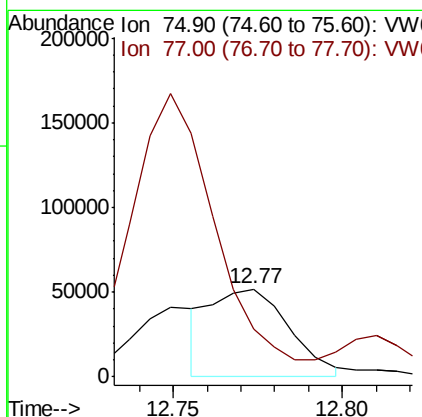
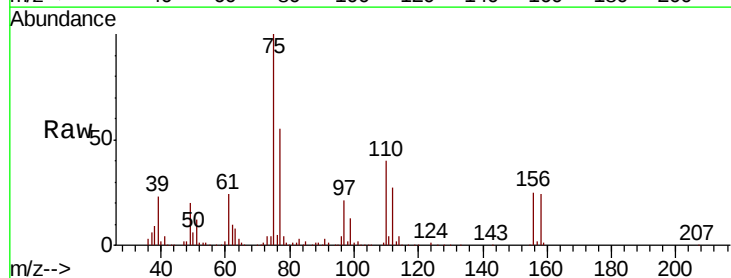
RT: 12.77 min Scan# 1783

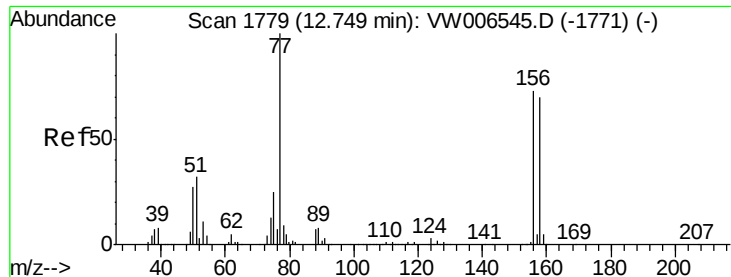
Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	75	Resp:	83332
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 50.886 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

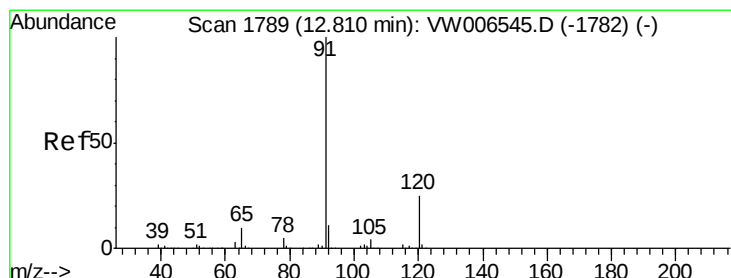
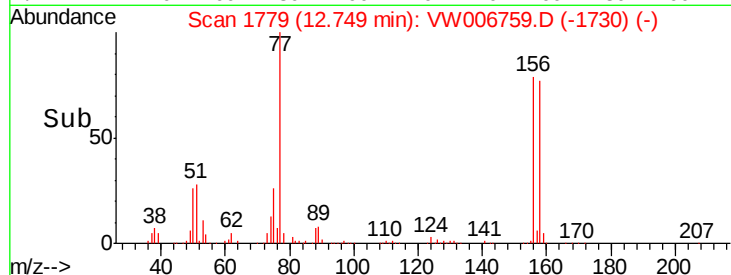
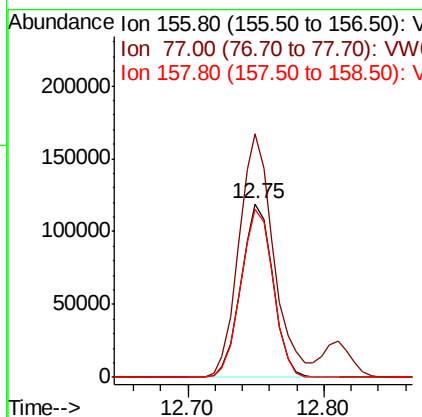
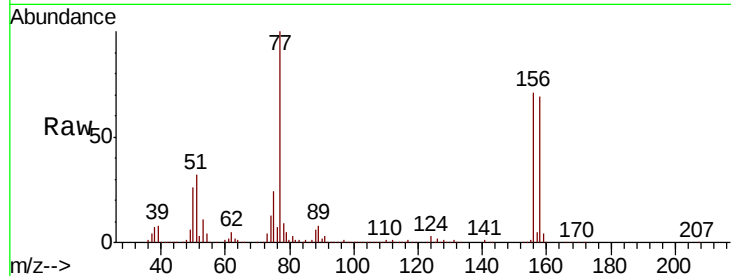
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	195270
Ion Ratio	Lower	Upper	
156	100		
77	152.7	75.9	227.8
158	97.9	48.6	145.9

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#78

n-propylbenzene

Concen: 56.509 ug/l

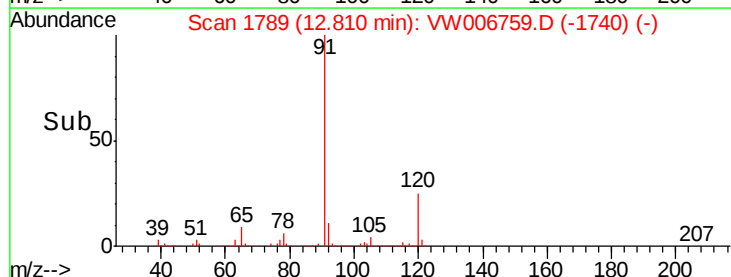
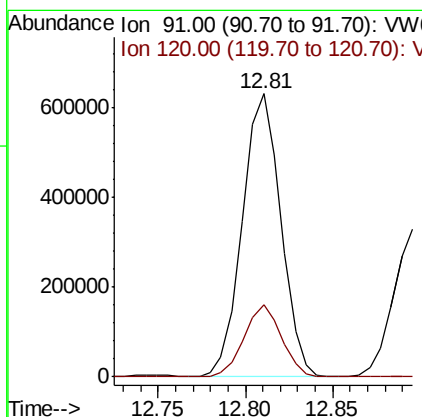
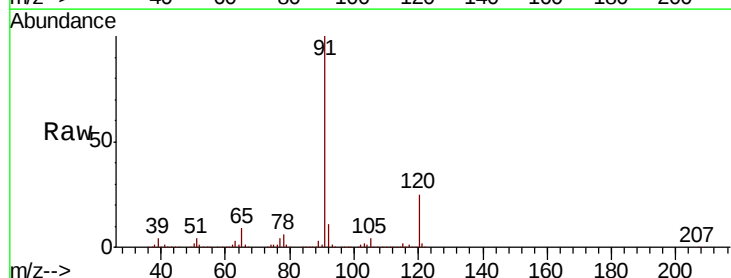
RT: 12.81 min Scan# 1789

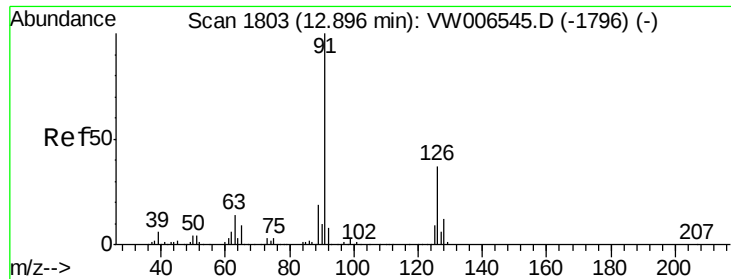
Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	91	Resp:	963353
Ion Ratio	Lower	Upper	
91	100		
120	24.7	12.4	37.0





#79

2-Chlorotoluene

Concen: 53.889 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 527233

Ion Ratio Lower Upper

91 100

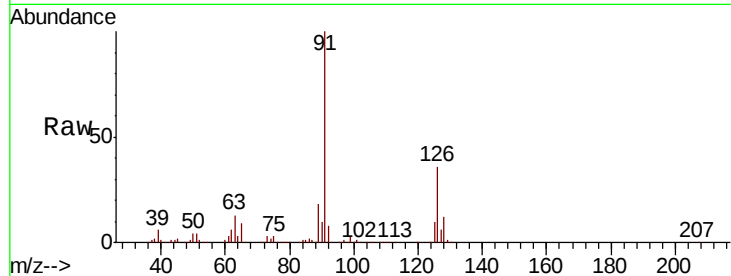
126 37.1 18.5 55.5

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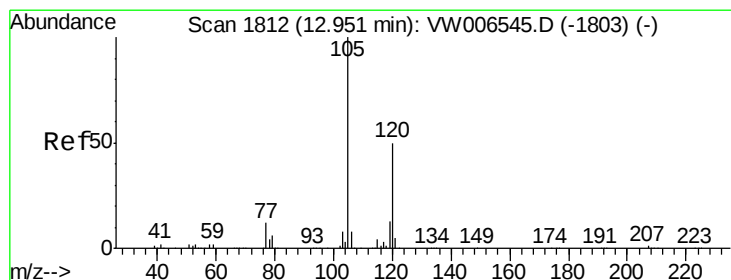
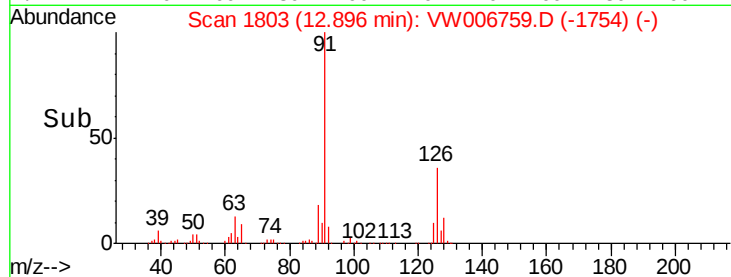
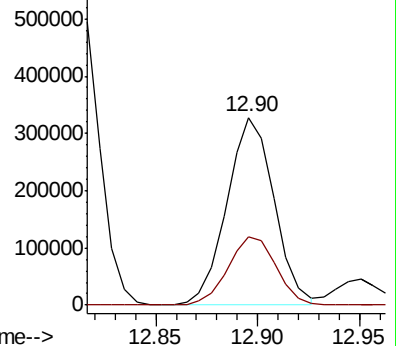
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 55.237 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW006759.D

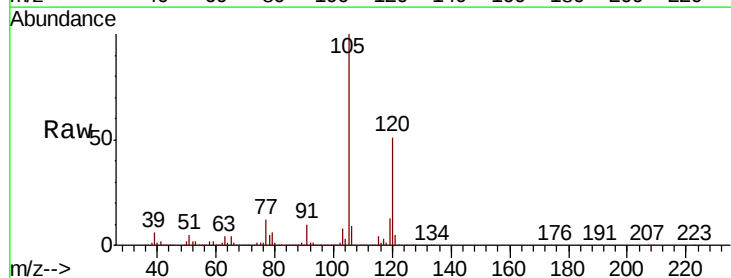
Acq: 08 Nov 2018 11:48

Tgt Ion:105 Resp: 687795

Ion Ratio Lower Upper

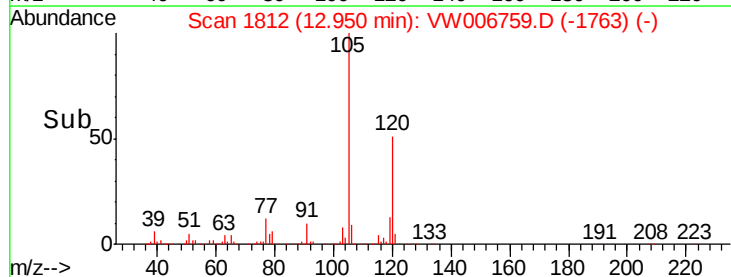
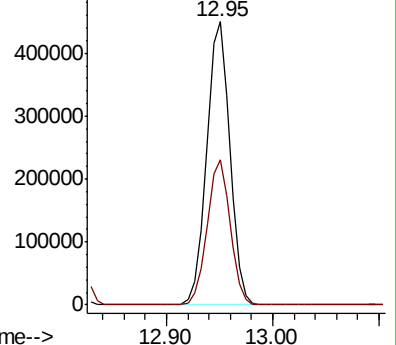
105 100

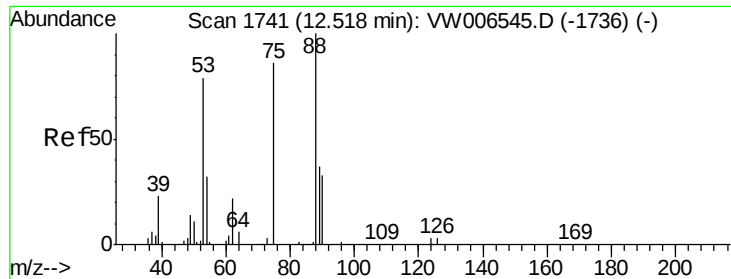
120 50.9 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





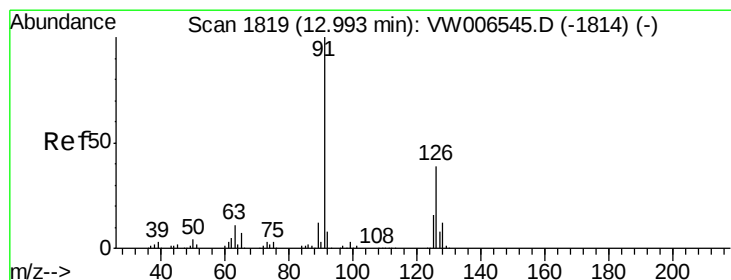
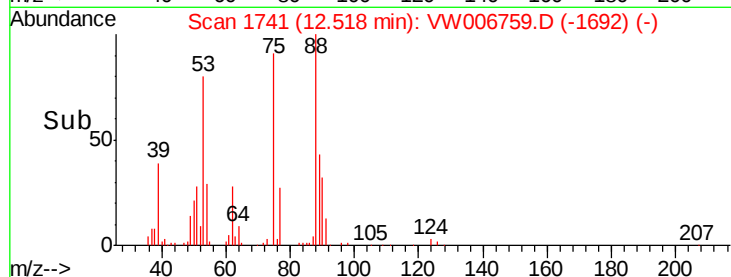
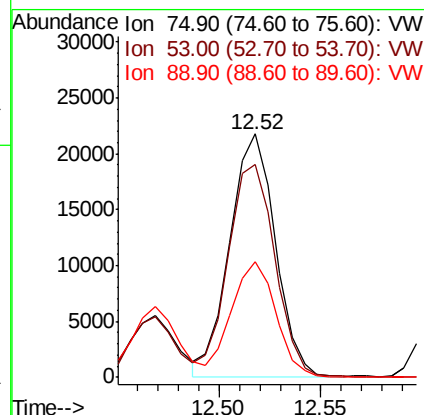
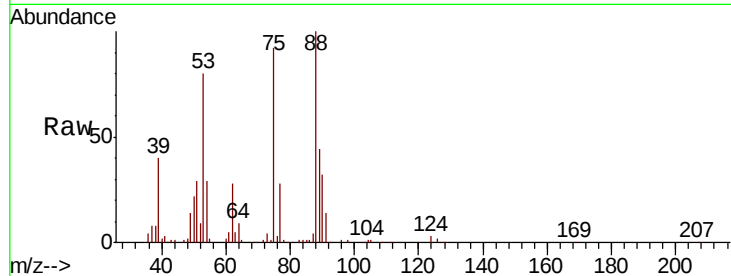
#81
trans-1,4-Dichloro-2-butene
Concen: 49.550 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.2	77.2	115.8
89	46.3	38.6	58.0

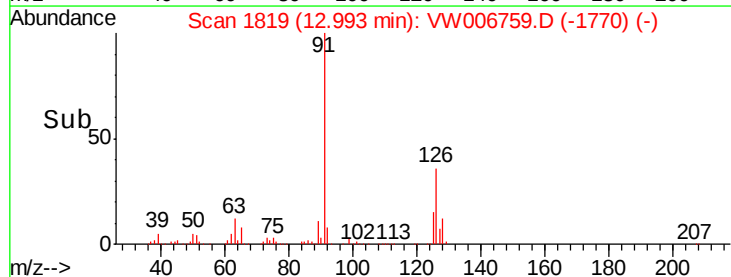
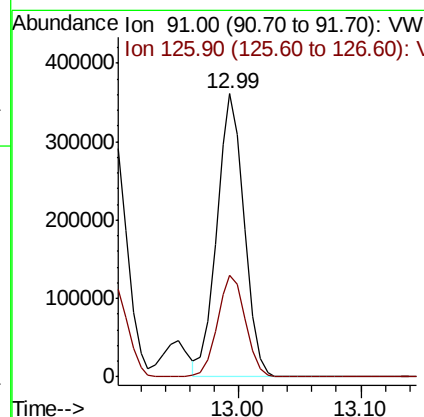
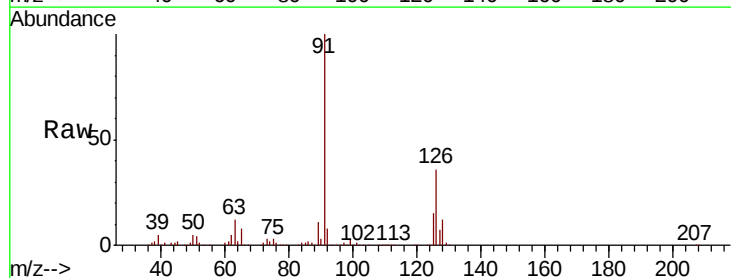
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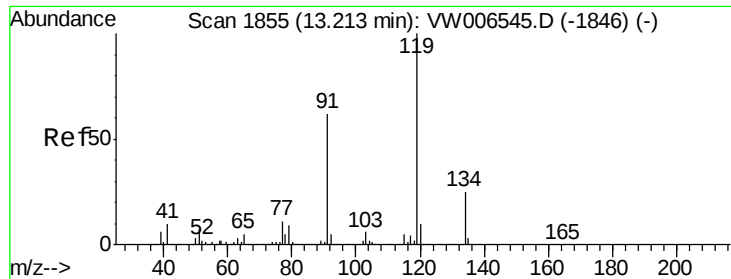
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#82
4-Chlorotoluene
Concen: 53.975 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.7	18.5	55.5





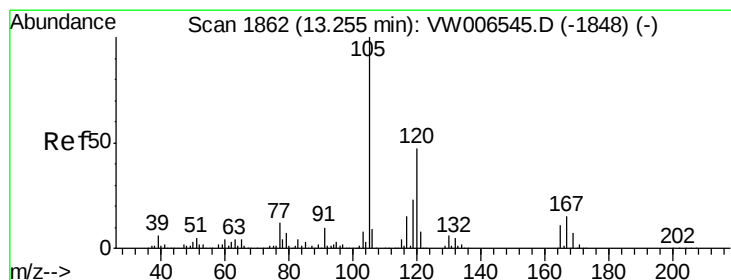
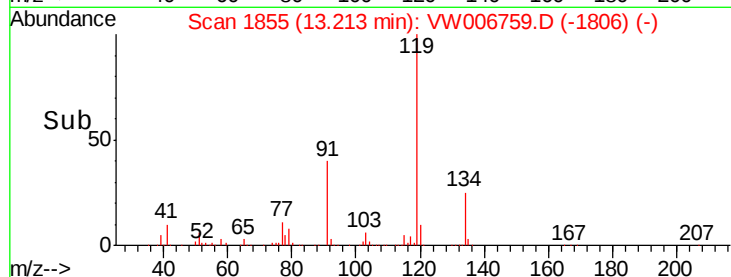
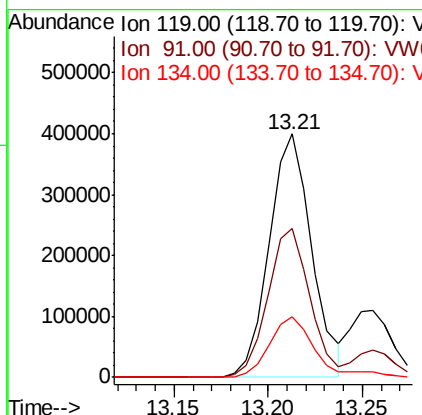
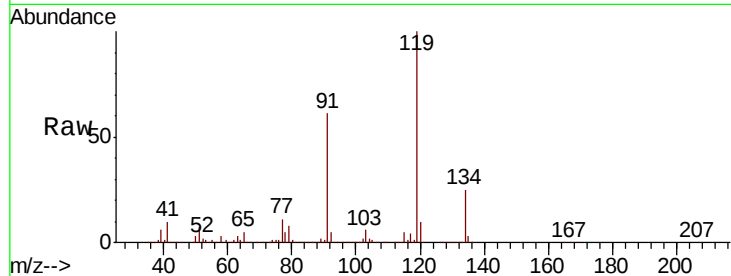
#83
tert-Butylbenzene
Concen: 56.284 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.4	30.4	91.3
134	26.8	13.5	40.4

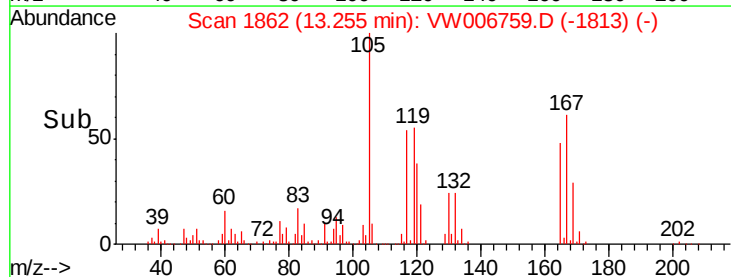
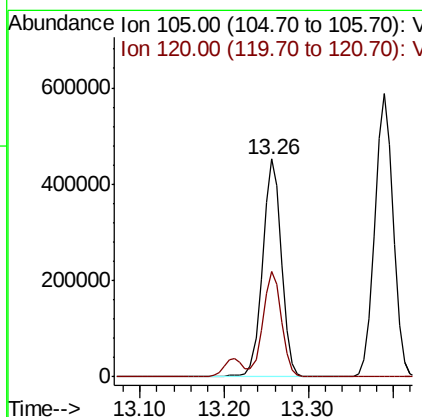
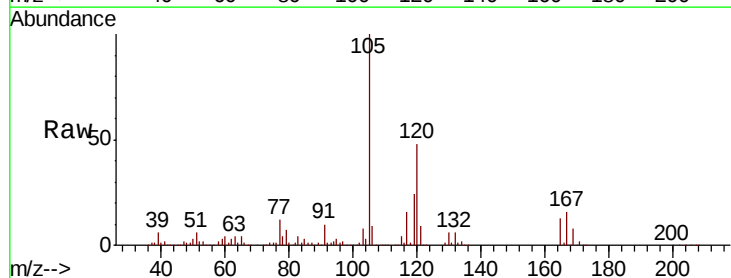
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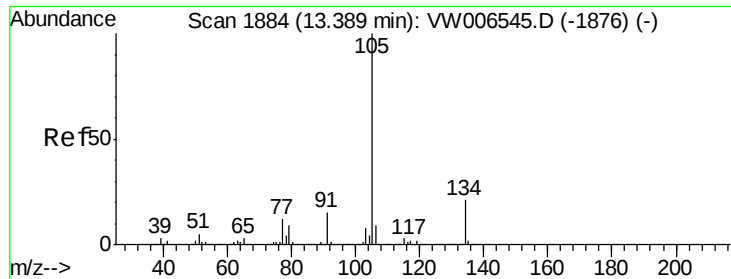
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#84
1,2,4-Trimethylbenzene
Concen: 54.479 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.1	23.2	69.6





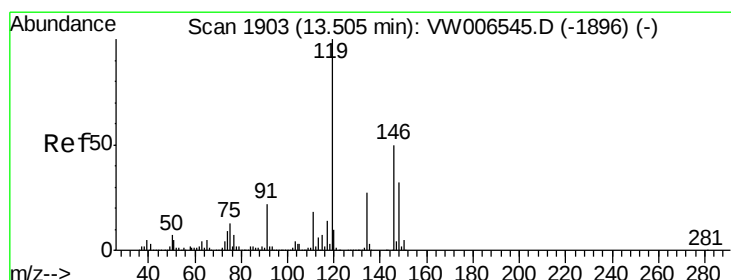
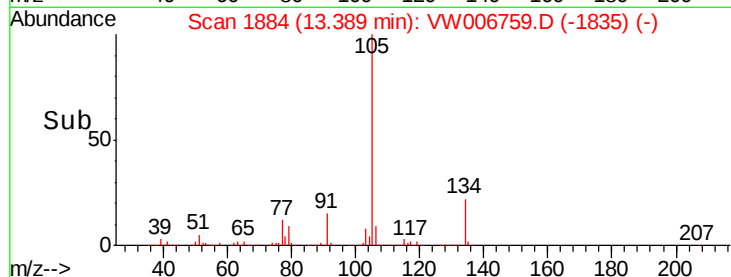
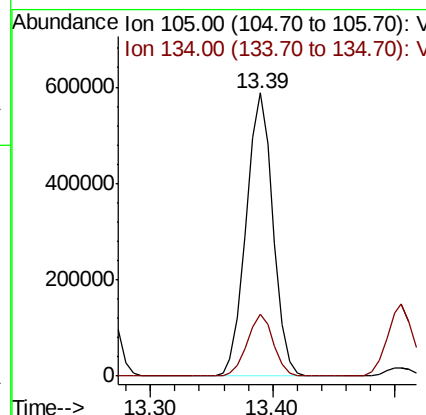
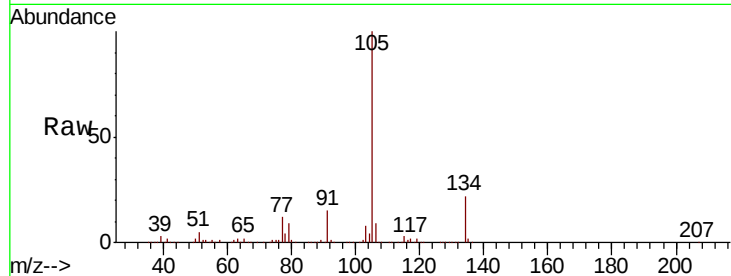
#85
 sec-Butylbenzene
 Concen: 57.332 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.4	10.6	31.8

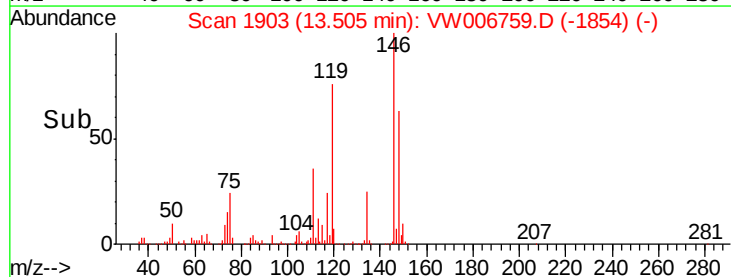
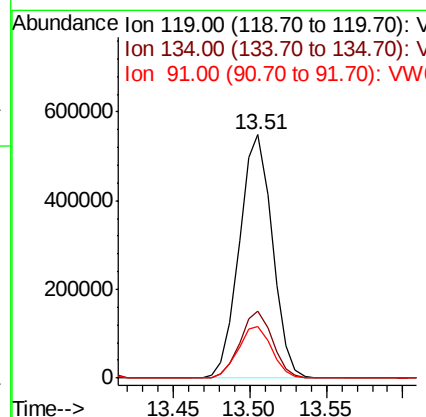
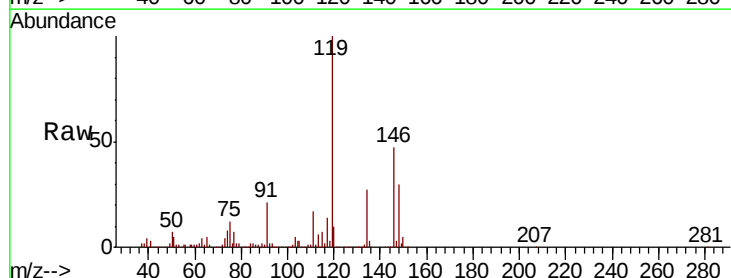
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#86
 p-Isopropyltoluene
 Concen: 57.744 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.0	13.6	40.7
91	21.7	10.9	32.6





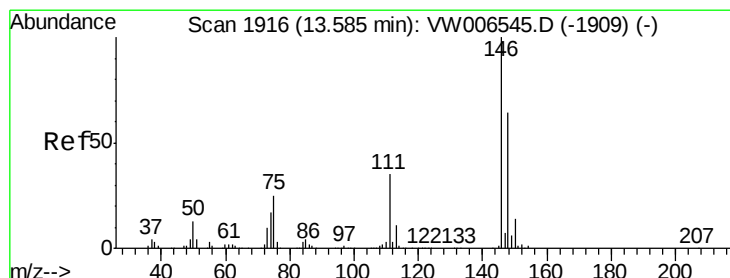
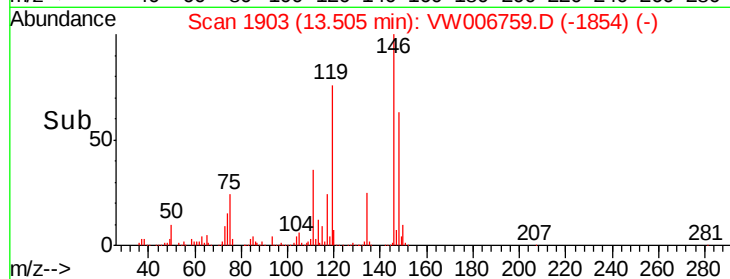
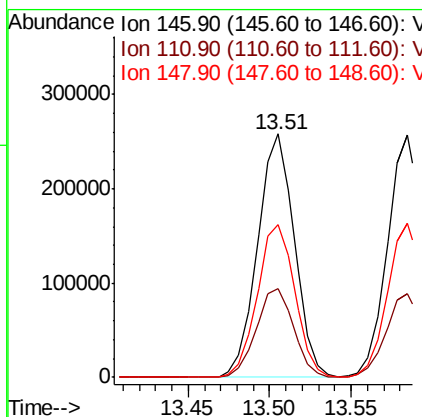
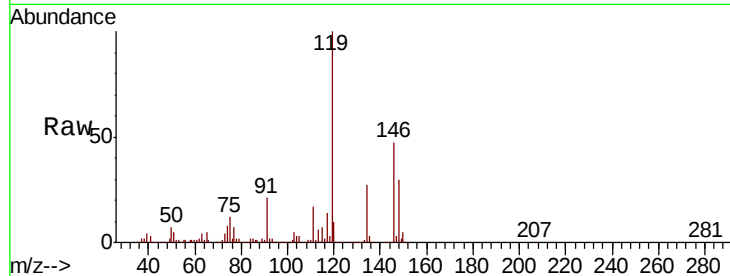
#87
 1,3-Dichlorobenzene
 Concen: 53.648 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.6	55.6
148	64.0	32.1	96.3

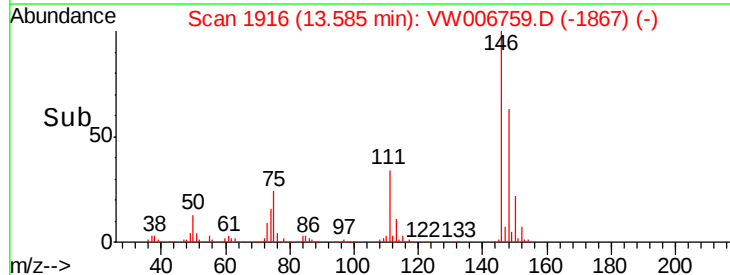
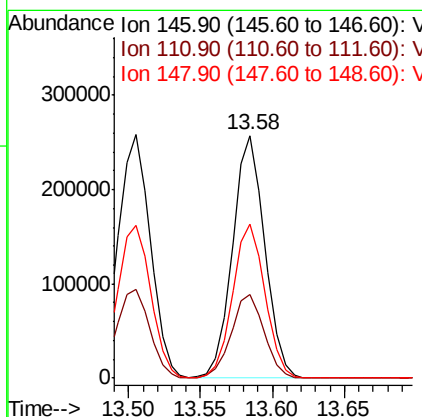
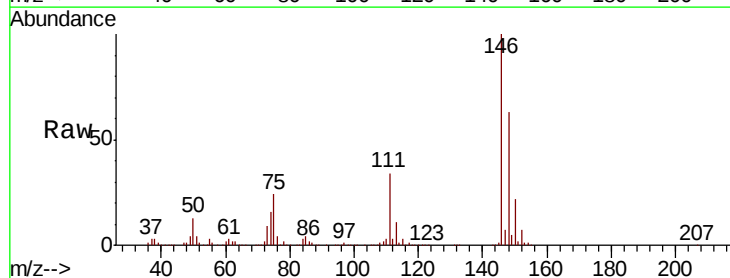
Manual Integrations
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#88
 1,4-Dichlorobenzene
 Concen: 53.346 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.6	17.9	53.7
148	64.1	32.1	96.5





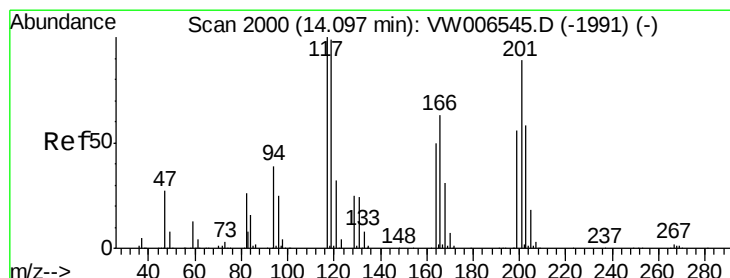
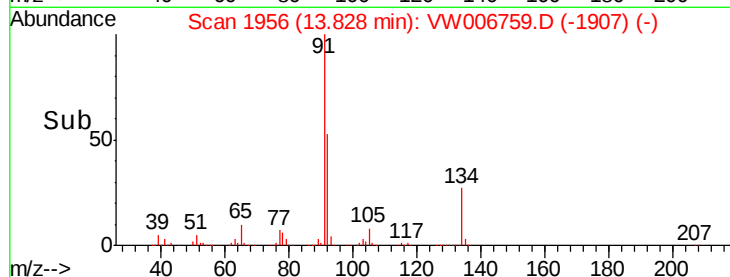
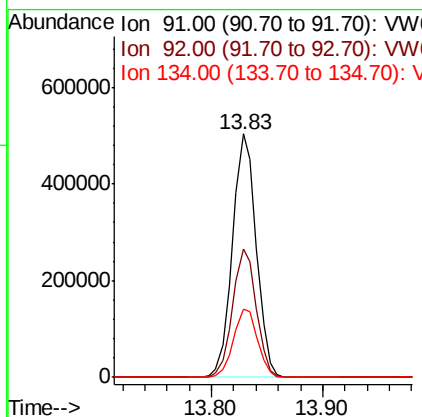
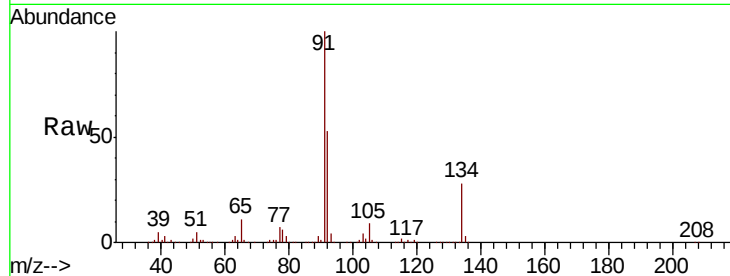
#89
n-Butylbenzene
Concen: 58.940 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.4	79.0
134	28.7	14.3	42.9

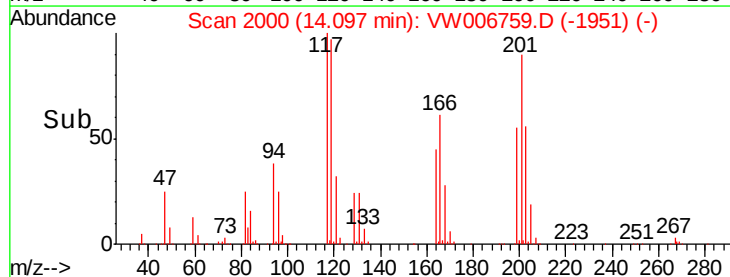
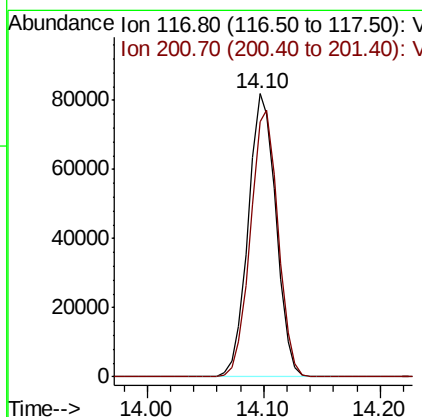
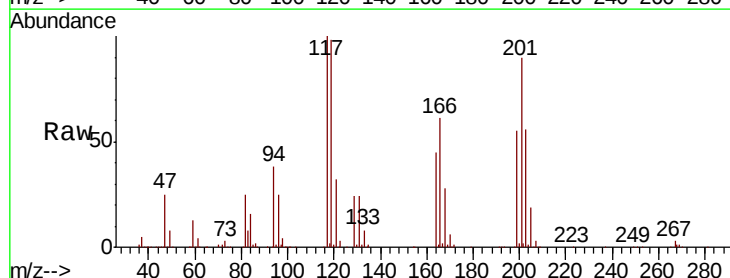
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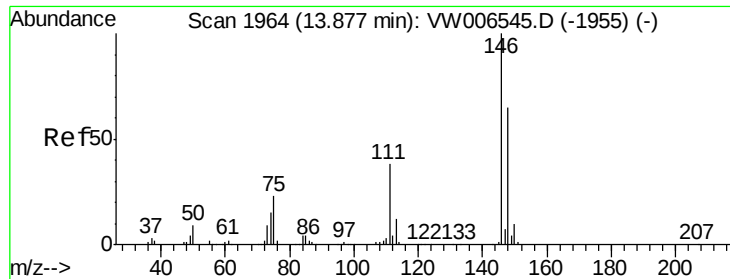
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#90
Hexachloroethane
Concen: 58.794 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW006759.D
Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.4	46.8	140.3





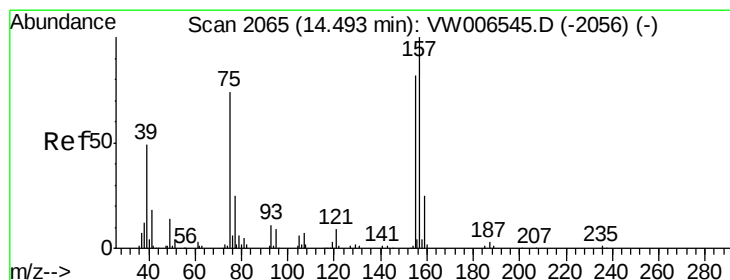
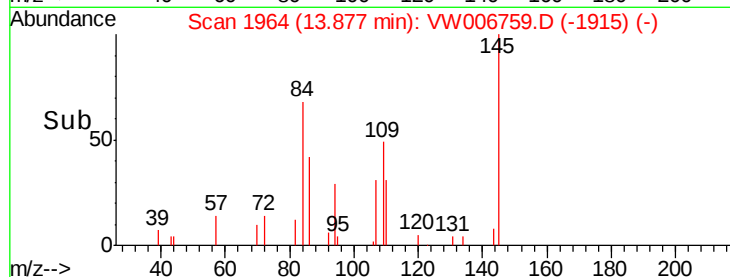
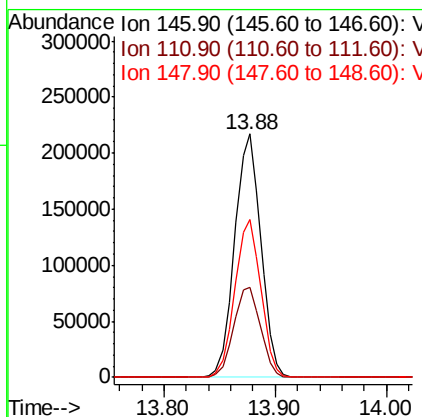
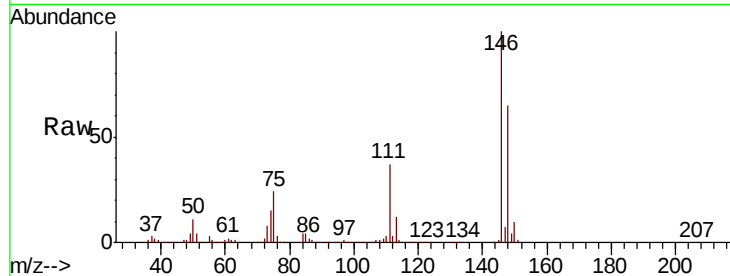
#91
 1,2-Dichlorobenzene
 Concen: 51.808 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.5
148	64.4	32.0	96.0

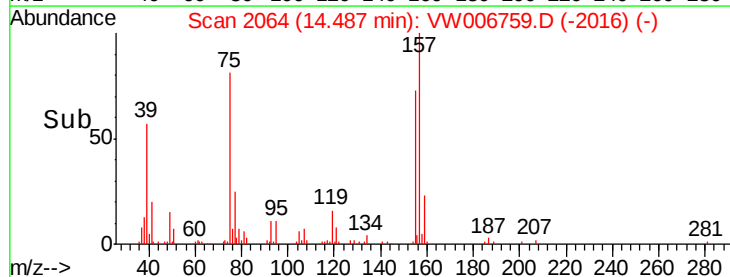
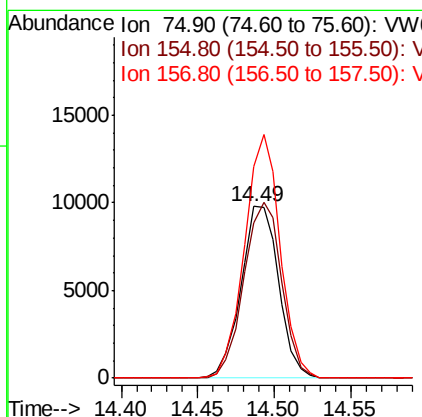
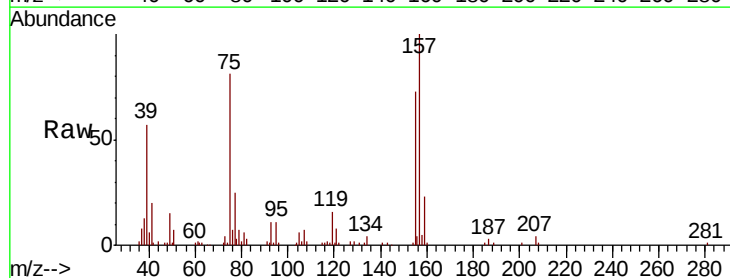
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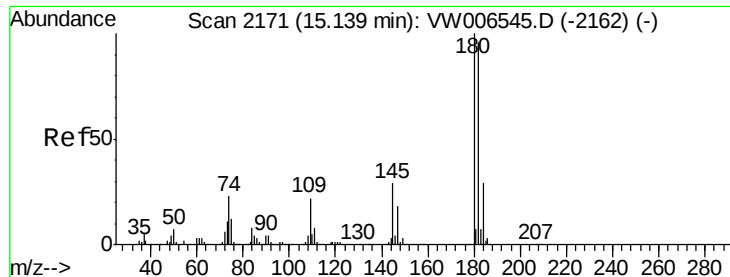
MMDadoda
 11/9/2018 1:37:38 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.121 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW006759.D
 Acq: 08 Nov 2018 11:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.6	50.6	151.8
157	133.8	65.0	195.0





#93

1,2,4-Trichlorobenzene

Concen: 52.856 ug/l

RT: 15.14 min Scan# 2171

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

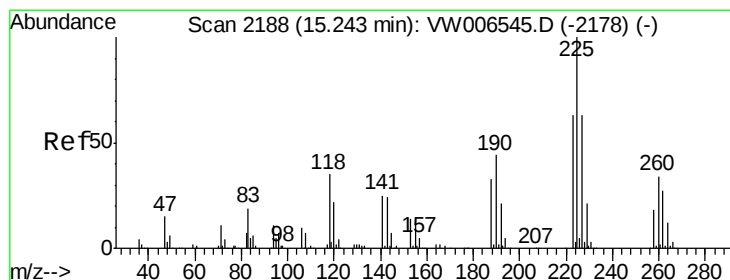
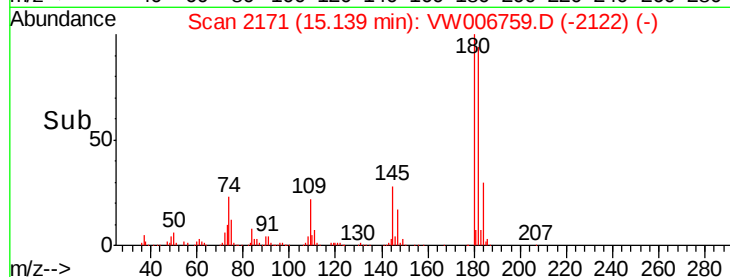
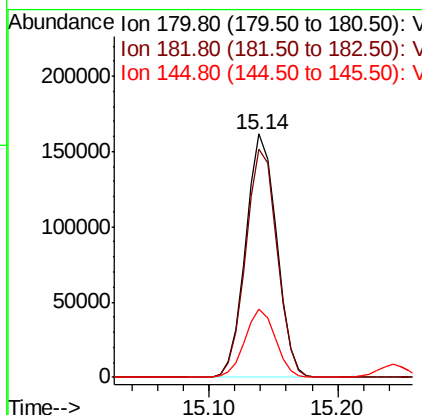
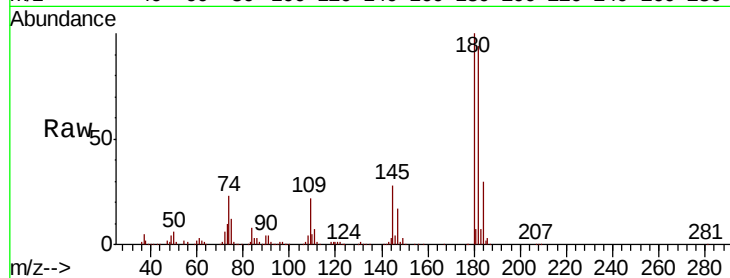
ClientSampleId :

VSTDCCC050

Tot Ion:	180	Resp:	267173
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.6
145	28.0	14.0	42.0

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 57.630 ug/l

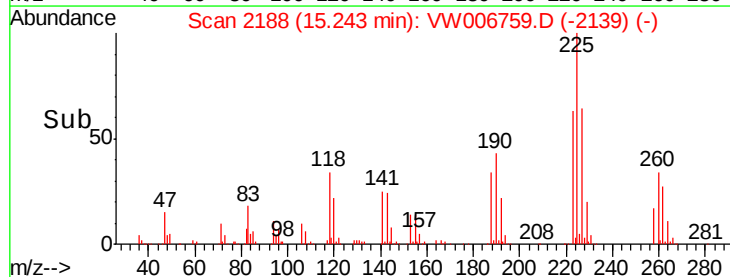
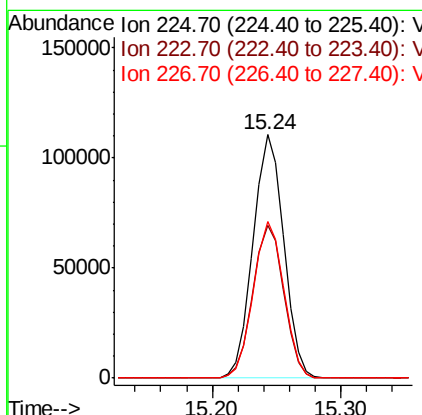
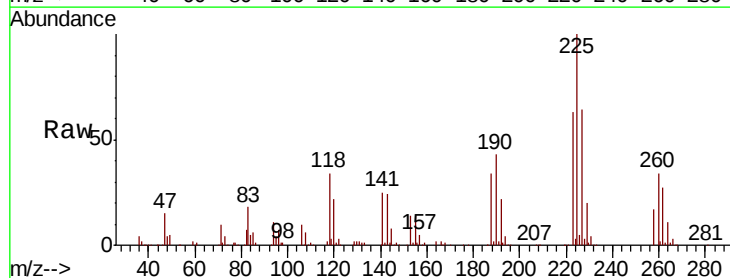
RT: 15.24 min Scan# 2188

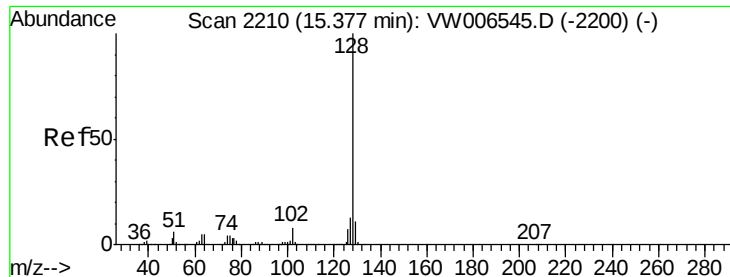
Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	225	Resp:	181557
Ion Ratio	Lower	Upper	
225	100		
223	63.4	31.4	94.2
227	64.2	32.2	96.6





#95

Naphthalene

Concen: 48.419 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Instrument :

MSVOA_W

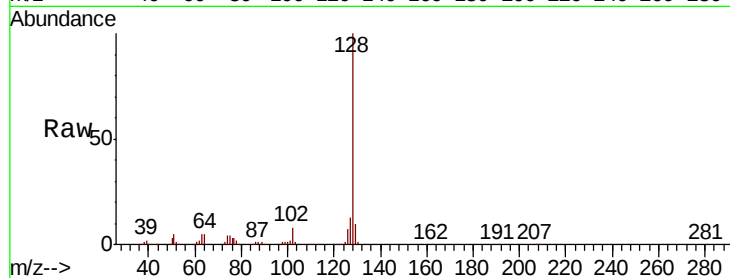
ClientSampleId :

VSTDCCC050

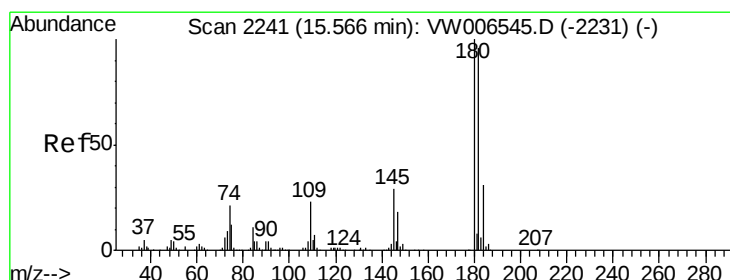
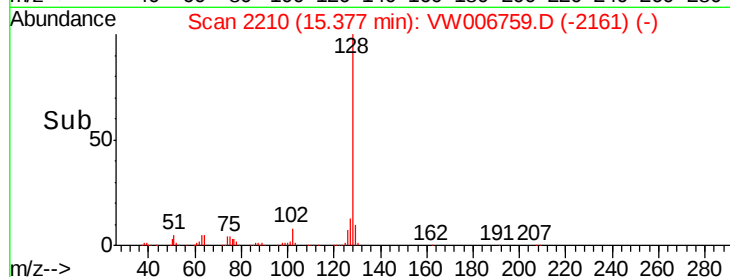
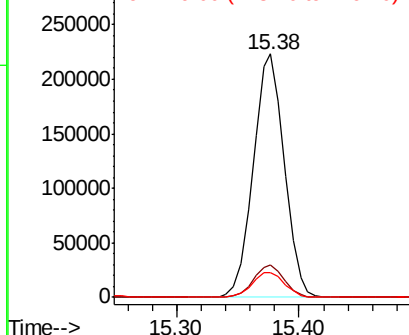
Tot Ion:	128	Resp:	393357
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/9/2018 1:37:38 PM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.118 ug/l

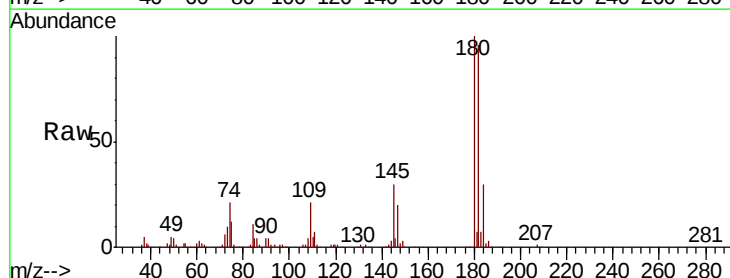
RT: 15.57 min Scan# 2241

Delta R.T. -0.00 min

Lab File: VW006759.D

Acq: 08 Nov 2018 11:48

Tgt Ion:	180	Resp:	227091
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.2	144.6
145	29.4	14.9	44.5



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

