

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009056.D
 Acq On : 08 Mar 2019 15:53
 Operator : SY/VA
 Sample : VW0308SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 2:53:28 PM

Quant Time: Mar 09 03:48:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	385846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369623	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	211477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	134563	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
35) Dibromofluoromethane	7.88	113	115530	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.32	98	470622	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.62	95	179607	47.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	62252	22.782	ug/l	98
3) Chloromethane	2.21	50	76502	22.039	ug/l	93
4) Vinyl Chloride	2.36	62	76141	21.614	ug/l	99
5) Bromomethane	2.76	94	70053	23.558	ug/l	99
6) Chloroethane	2.91	64	52510	20.938	ug/l	98
7) Trichlorofluoromethane	3.26	101	99320	21.897	ug/l	98
8) Diethyl Ether	3.68	74	28992	20.904	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	60204	21.312	ug/l	98
10) Methyl Iodide	4.27	142	57075	20.626	ug/l	100
11) Tert butyl alcohol	5.18	59	22692m	108.555	ug/l	
12) 1,1-Dichloroethene	4.03	96	52639	21.602	ug/l	94
13) Acrolein	3.90	56	21651	94.124	ug/l	96
14) Allyl chloride	4.67	41	86163	20.046	ug/l	98
15) Acrylonitrile	5.37	53	63242	104.480	ug/l	98
16) Acetone	4.14	43	67866	110.250	ug/l	98
17) Carbon Disulfide	4.37	76	173507	21.163	ug/l	98
18) Methyl Acetate	4.68	43	27447	19.390	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	133502	20.711	ug/l	98
20) Methylene Chloride	4.92	84	66022	19.489	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	58473	20.782	ug/l	96
22) Diisopropyl ether	6.31	45	178636	20.913	ug/l	93
23) Vinyl Acetate	6.26	43	560137	105.377	ug/l	100
24) 1,1-Dichloroethane	6.21	63	103587	20.908	ug/l	97
25) 2-Butanone	7.17	43	89012	104.631	ug/l	97
26) 2,2-Dichloropropane	7.17	77	96267	21.376	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	63082	20.875	ug/l	99
28) Bromochloromethane	7.51	49	43877	21.291	ug/l	95
29) Tetrahydrofuran	7.54	42	56135	104.709	ug/l	99
30) Chloroform	7.68	83	105089	20.602	ug/l	100
31) Cyclohexane	7.95	56	107106	21.054	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	97963	20.810	ug/l	99
36) 1,1-Dichloropropene	8.08	75	86639	21.475	ug/l	100
37) Ethyl Acetate	7.26	43	39493	20.840	ug/l	99
38) Carbon Tetrachloride	8.07	117	88958	21.351	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99943	20.798	ug/l	97
40) Benzene	8.32	78	225118	20.903	ug/l	99
41) Methacrylonitrile	7.49	41	19951	18.959	ug/l	95
42) 1,2-Dichloroethane	8.40	62	72865	20.957	ug/l	99
43) Isopropyl Acetate	8.42	43	75069	21.269	ug/l	98
44) Trichloroethene	9.09	130	64267	21.291	ug/l	98
45) 1,2-Dichloropropane	9.37	63	57328	21.253	ug/l	94
46) Dibromomethane	9.46	93	31117	21.123	ug/l	97
47) Bromodichloromethane	9.64	83	78175	20.964	ug/l	98
48) Methyl methacrylate	9.43	41	32688	19.890	ug/l	89
49) 1,4-Dioxane	9.46	88	8601	407.727	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	187026	104.379	ug/l	99
52) Toluene	10.39	92	148699	20.359	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75787	20.549	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	88581	20.900	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	42258	21.164	ug/l	98
56) Ethyl methacrylate	10.65	69	49548	19.995	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74943	21.188	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	134010	104.318	ug/l	98
59) 2-Hexanone	10.97	43	134078	106.429	ug/l	100
60) Dibromochloromethane	11.13	129	51242	20.738	ug/l	100
61) 1,2-Dibromoethane	11.23	107	40498	20.690	ug/l	98
64) Tetrachloroethene	10.86	164	55882	20.964	ug/l	96
65) Chlorobenzene	11.66	112	164125	20.400	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	56018	20.853	ug/l	99
67) Ethyl Benzene	11.73	91	300097	20.648	ug/l	98
68) m/p-Xylenes	11.84	106	237552	41.408	ug/l	100
69) o-Xylene	12.16	106	109388	20.493	ug/l	97
70) Styrene	12.18	104	174334	20.186	ug/l	99
71) Bromoform	12.35	173	29695	20.588	ug/l #	97
73) Isopropylbenzene	12.46	105	300931	19.871	ug/l	100
74) N-amyl acetate	12.27	43	71512	19.947	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	49980	20.922	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	42843m	25.642	ug/l	
77) Bromobenzene	12.75	156	69816	20.177	ug/l	96
78) n-propylbenzene	12.80	91	374793	20.092	ug/l	100
79) 2-Chlorotoluene	12.90	91	208664	19.910	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	261599	20.040	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14584	19.523	ug/l	99
82) 4-Chlorotoluene	12.99	91	224602	20.104	ug/l	99
83) tert-Butylbenzene	13.21	119	220758	20.051	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	261296	19.787	ug/l	100
85) sec-Butylbenzene	13.38	105	326124	19.993	ug/l	98
86) p-Isopropyltoluene	13.50	119	290314	19.895	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	146865	20.196	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146744	20.419	ug/l	100
89) n-Butylbenzene	13.83	91	274841	19.812	ug/l	99
90) Hexachloroethane	14.10	117	49455	19.651	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	129587	20.198	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9070	21.318	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	88320	20.383	ug/l	99
94) Hexachlorobutadiene	15.24	225	56242	20.723	ug/l	99
95) Naphthalene	15.37	128	141228	19.911	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	76610	20.107	ug/l	100

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

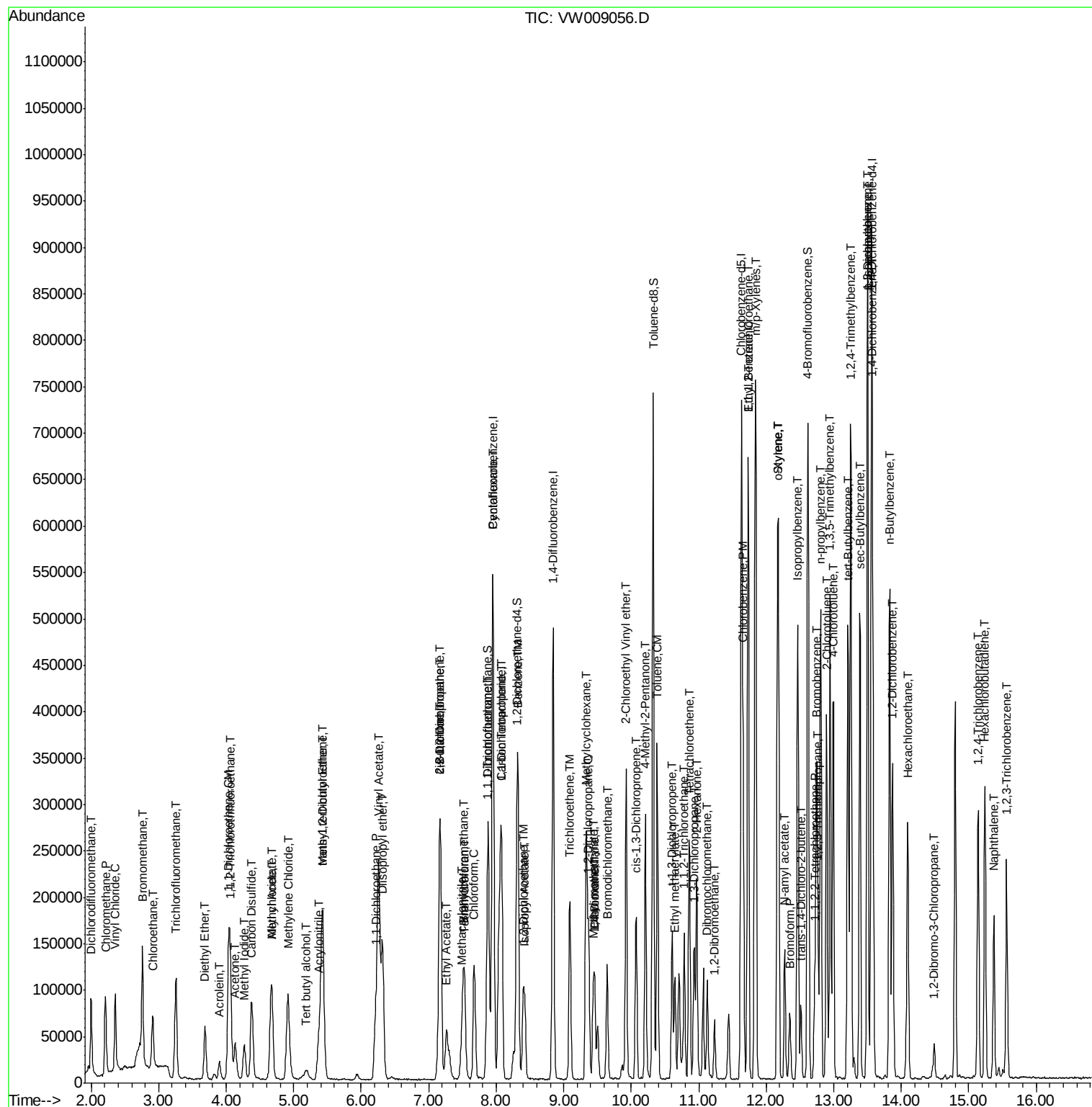
Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
Data File : VW009056.D
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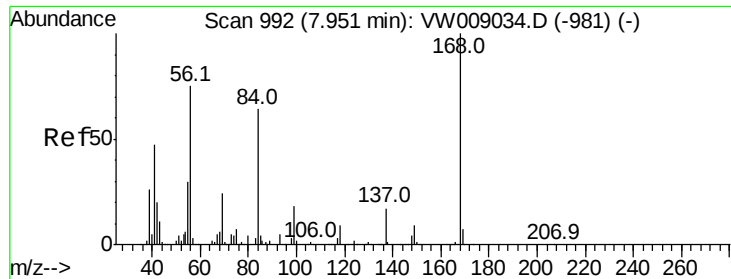
Instrument :
MSVOA_W
ClientSampleId :
VW0308SBSD01

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#1

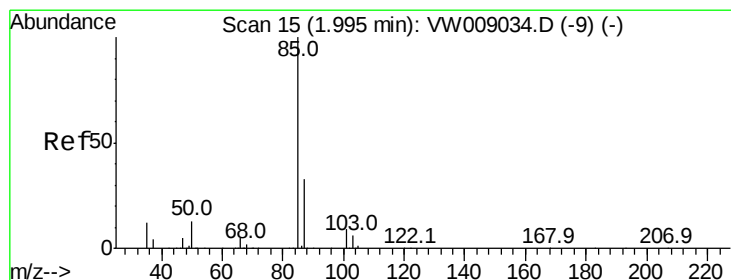
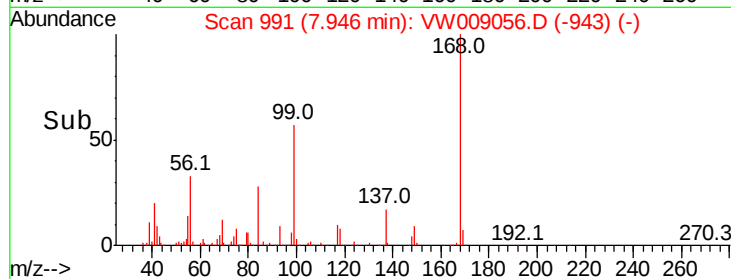
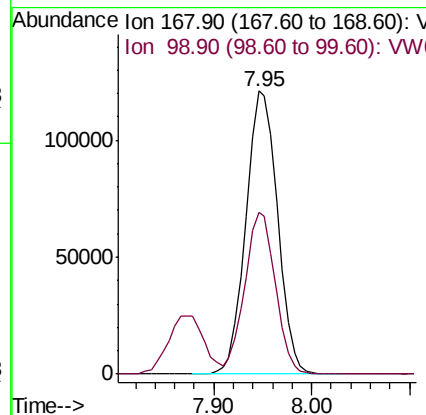
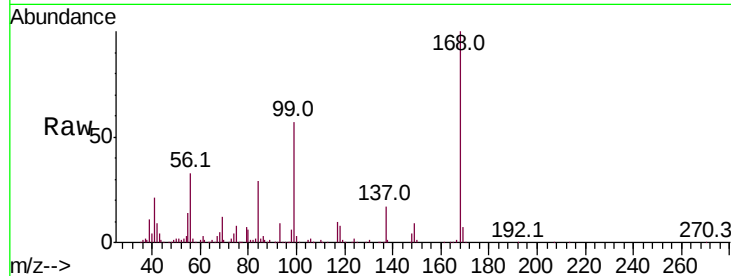
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

Tot Ion	Ratio	Lower	Upper
168	100		
99	56.9	42.2	63.2

Manual Integrations
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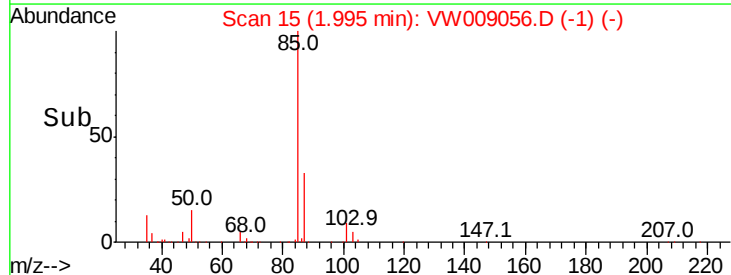
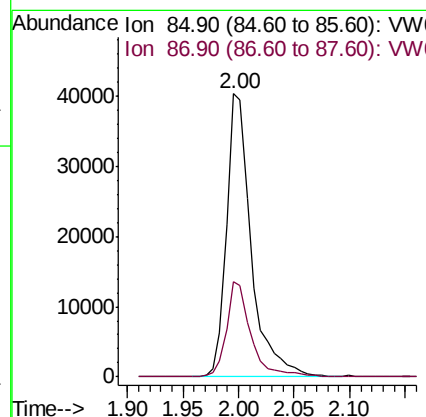
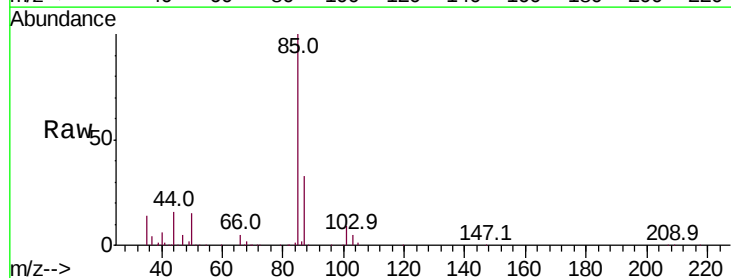
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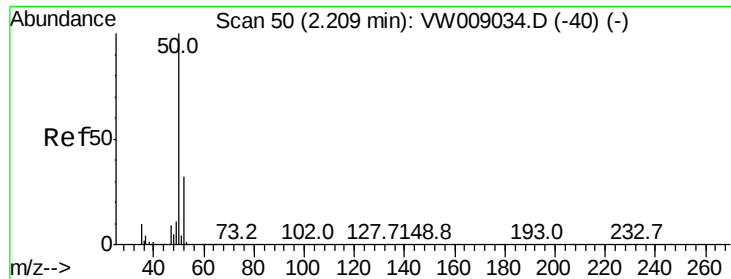


#2

Dichlorodifluoromethane
 Concen: 22.782 ug/l
 RT: 2.00 min Scan# 15
 Delta R.T. 0.00 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.5	16.3	48.9





#3

Chloromethane

Concen: 22.039 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 50 Resp: 76502

Ion Ratio Lower Upper

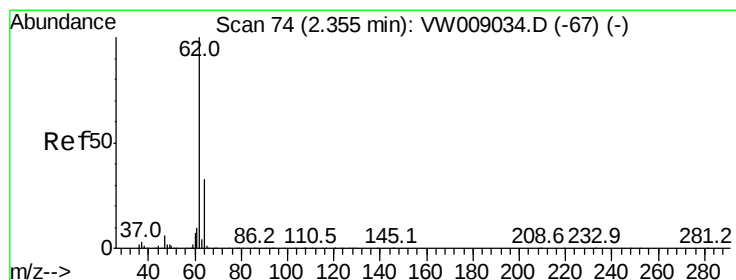
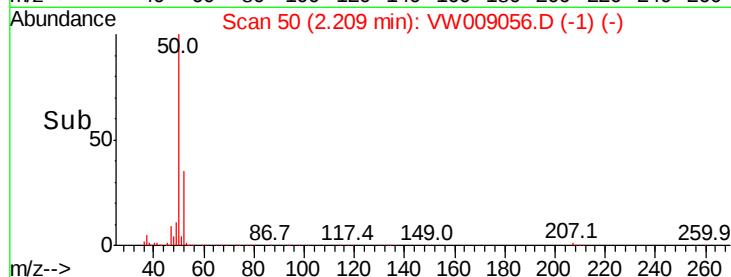
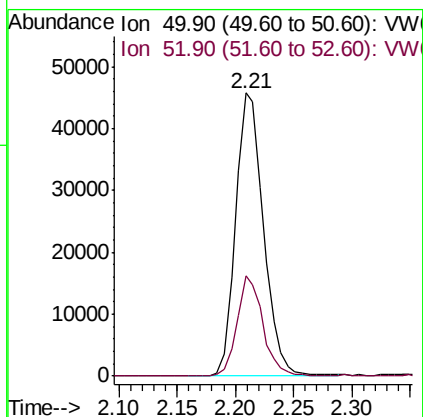
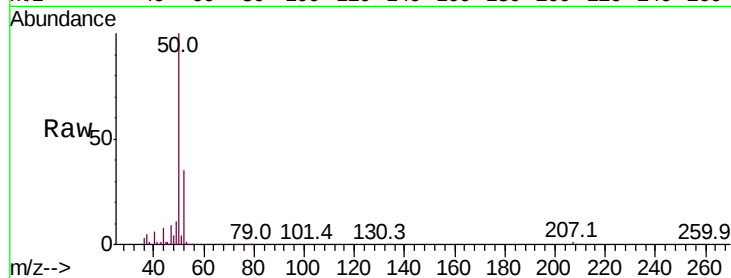
50 100

52 35.4 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 21.614 ug/l

RT: 2.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009056.D

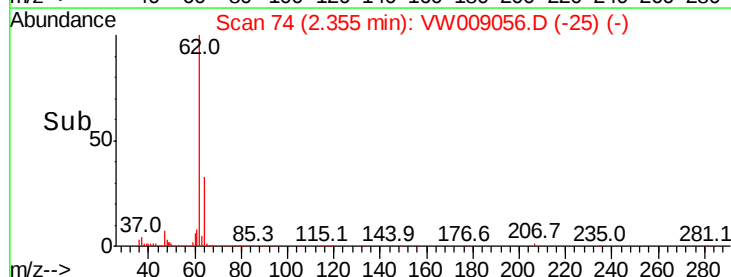
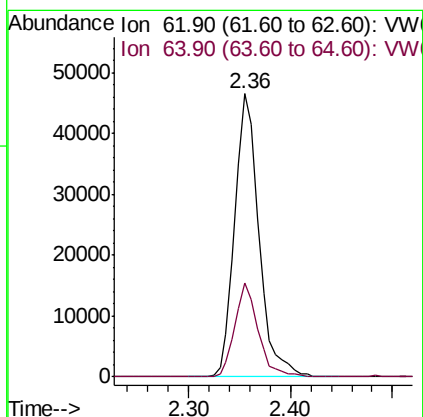
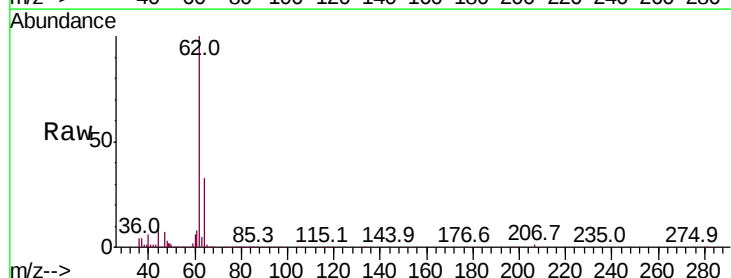
Acq: 08 Mar 2019 15:53

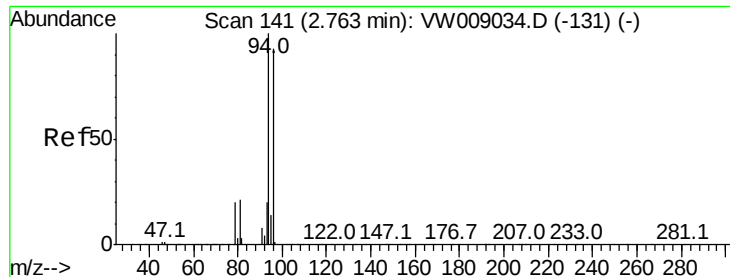
Tgt Ion: 62 Resp: 76141

Ion Ratio Lower Upper

62 100

64 33.2 26.0 39.0





#5

Bromomethane

Concen: 23.558 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 94 Resp: 70053

Ion Ratio Lower Upper

94 100

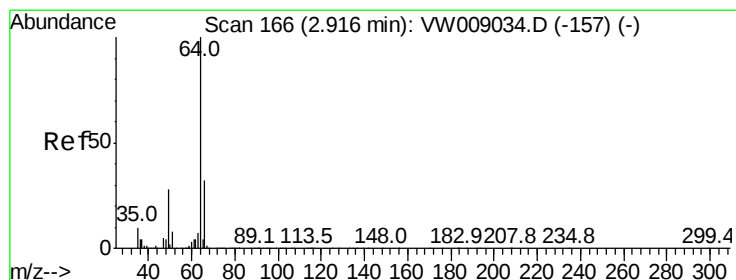
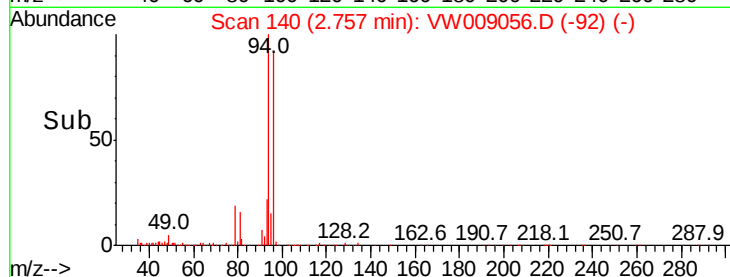
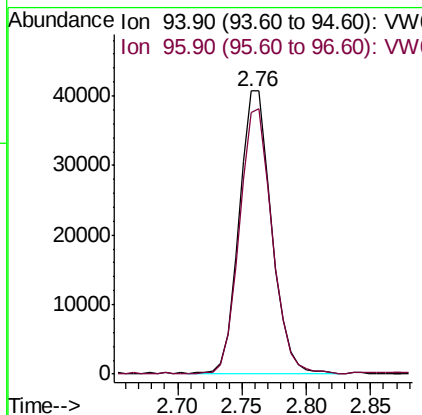
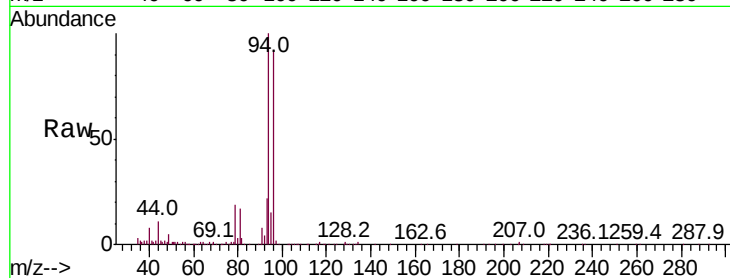
96 92.3 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 20.938 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW009056.D

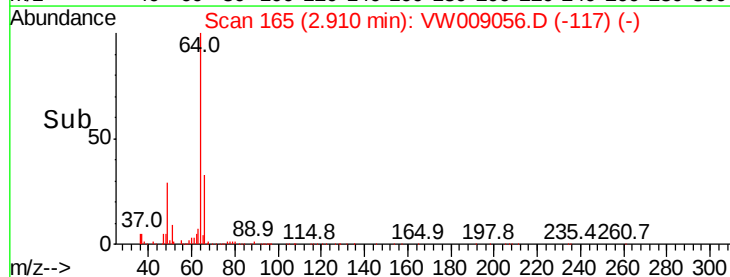
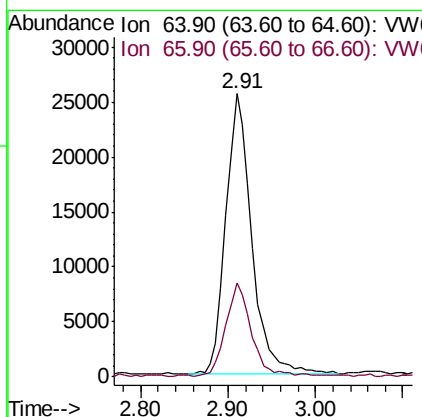
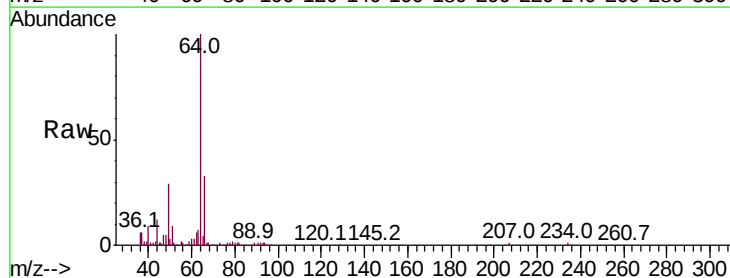
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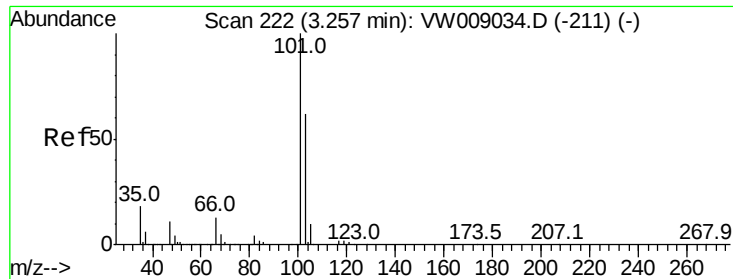
Tgt Ion: 64 Resp: 52510

Ion Ratio Lower Upper

64 100

66 33.1 25.5 38.3





#7

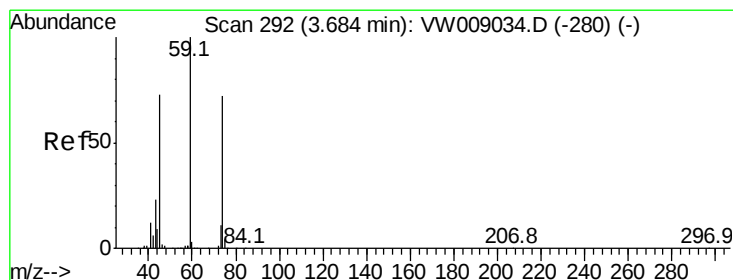
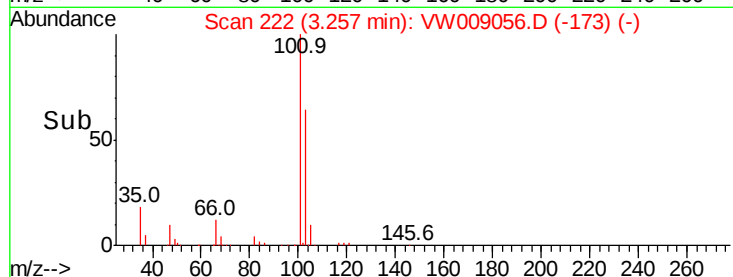
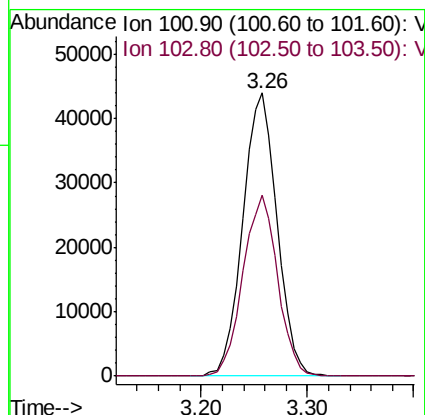
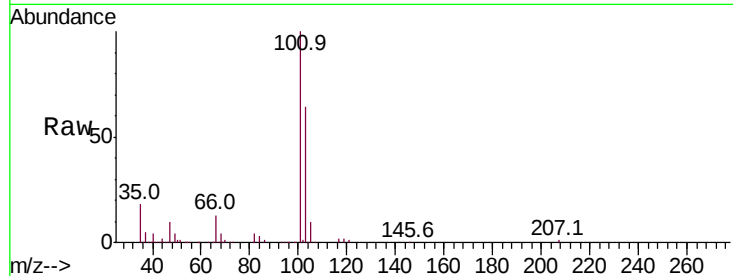
Trichlorofluoromethane
Concen: 21.897 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
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ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	49.9	74.9

Manual Integrations
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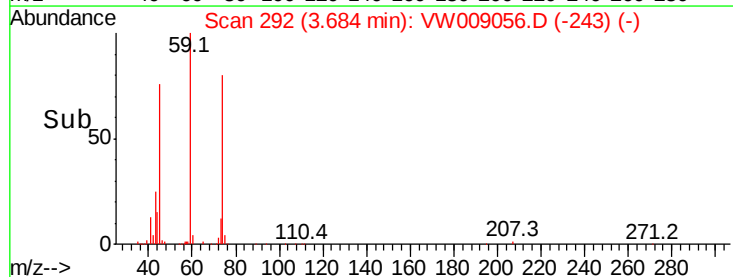
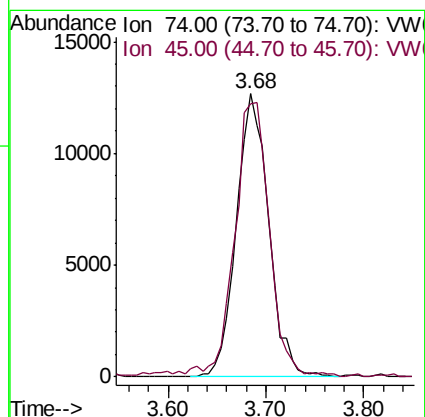
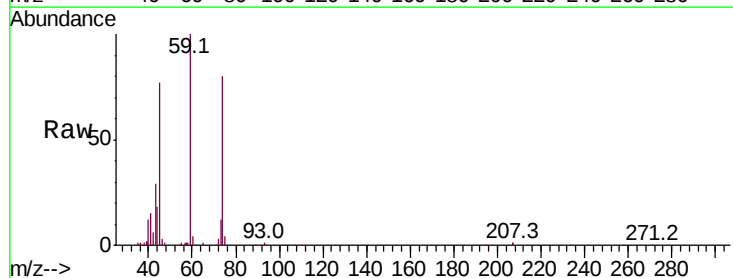
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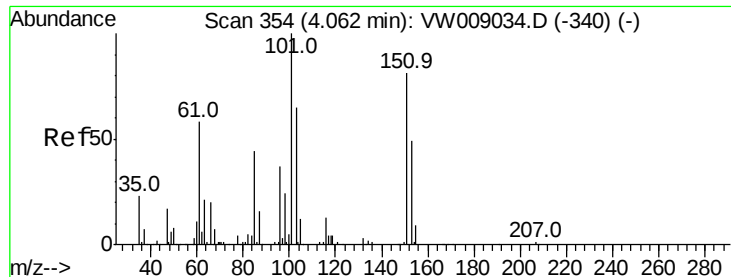


#8

Diethyl Ether
Concen: 20.904 ug/l
RT: 3.68 min Scan# 292
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.7	52.3	157.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.312 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

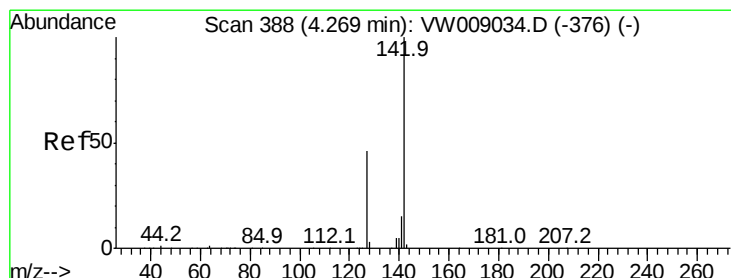
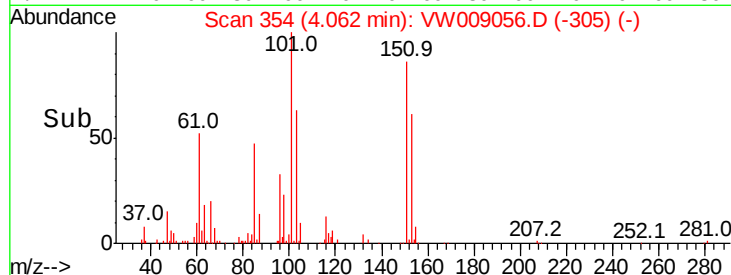
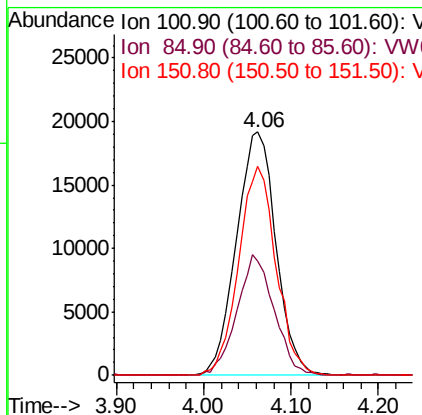
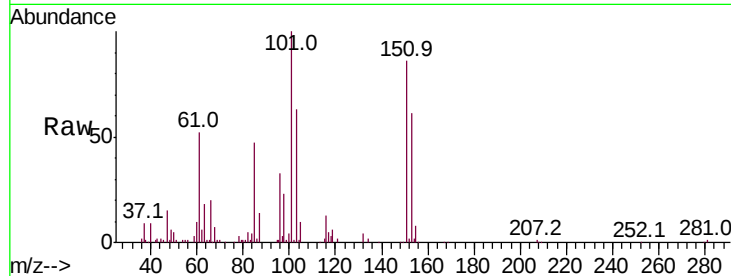
ClientSampleId :

VW0308SBS01

Tot Ion:	101	Resp:	60204
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.2	54.4
151	81.4	63.4	95.2

Manual Integrations
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#10

Methyl Iodide

Concen: 20.626 ug/l

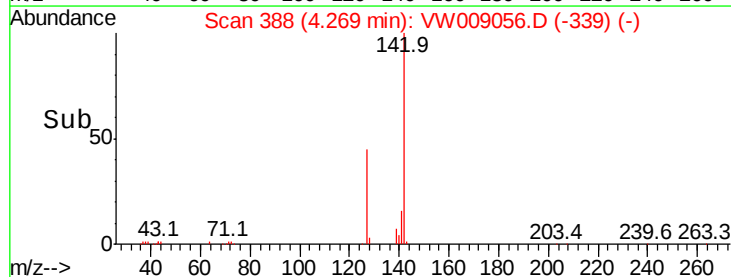
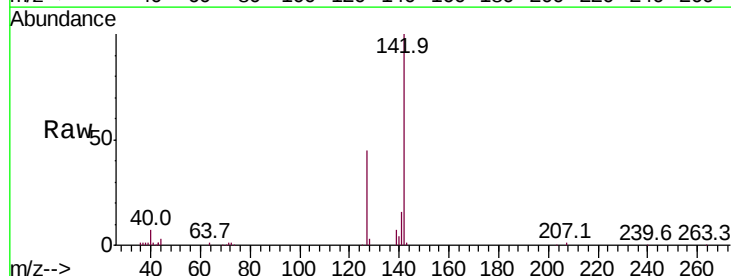
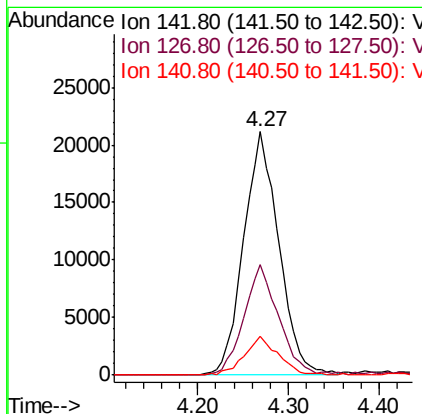
RT: 4.27 min Scan# 388

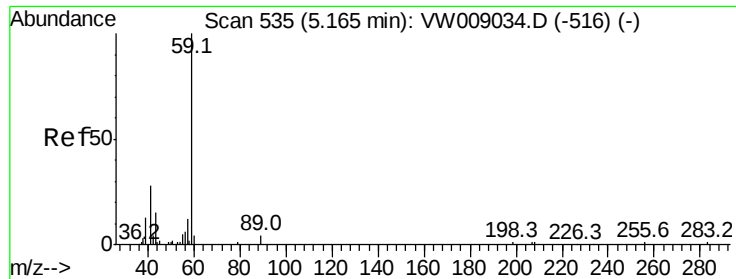
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	142	Resp:	57075
Ion Ratio	Lower	Upper	
142	100		
127	44.9	35.8	53.6
141	15.3	11.8	17.8





#11

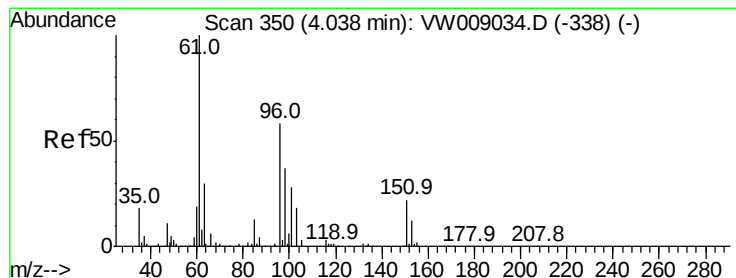
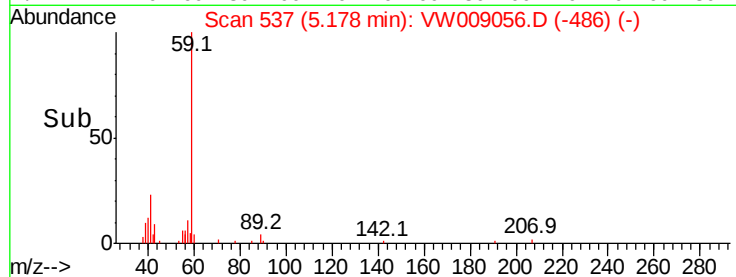
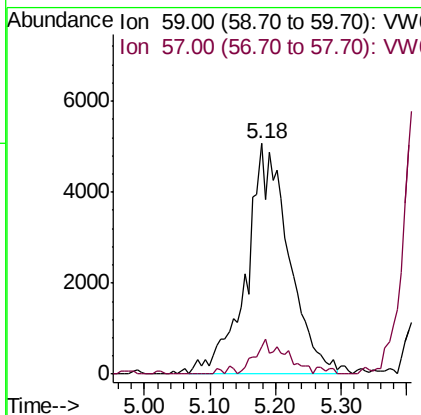
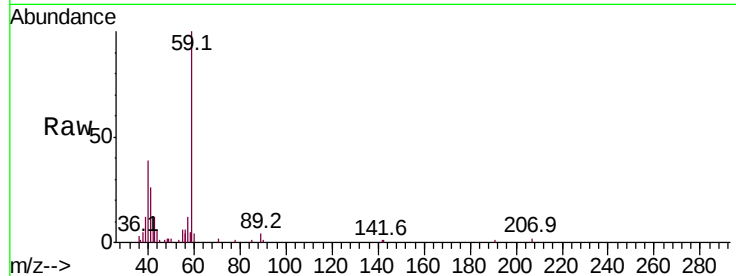
Tert butyl alcohol
Concen: 108.555 ug/l m
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.0	8.6	12.8#

Manual Integrations
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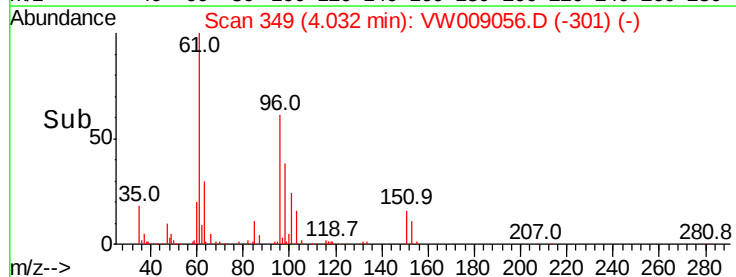
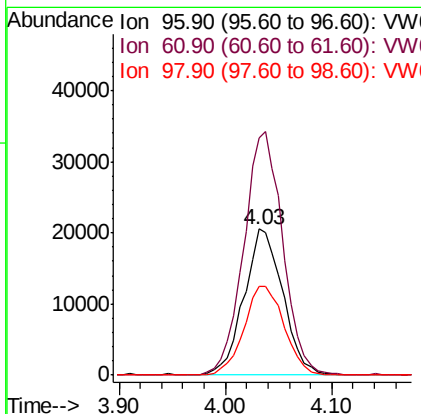
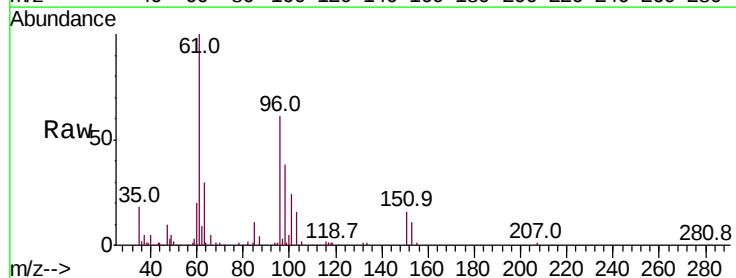
MMDadoda
3/11/2019 2:53:28 PM

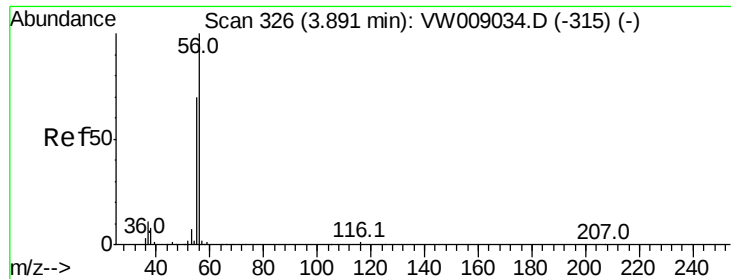


#12

1,1-Dichloroethene
Concen: 21.602 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.7	138.2	207.2
98	61.1	51.3	76.9





#13

Acrolein

Concen: 94.124 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 56 Resp: 21651

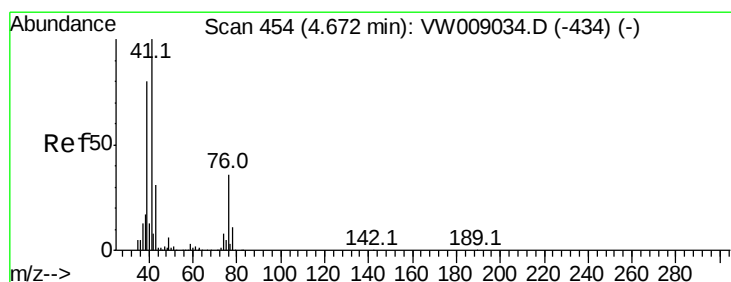
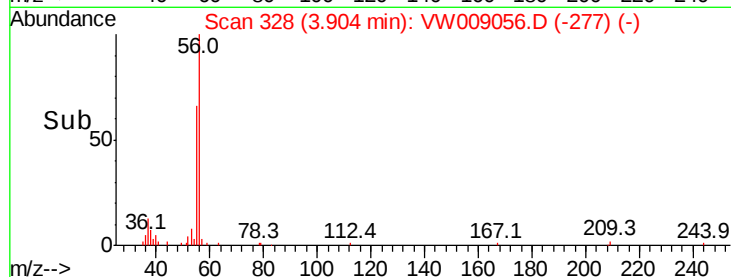
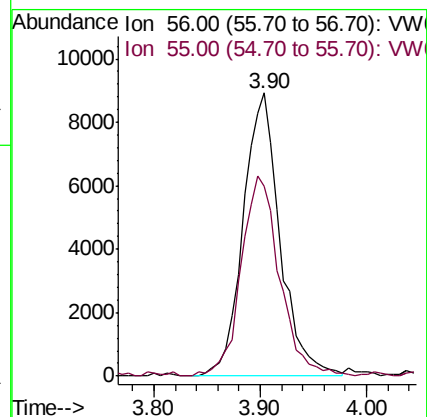
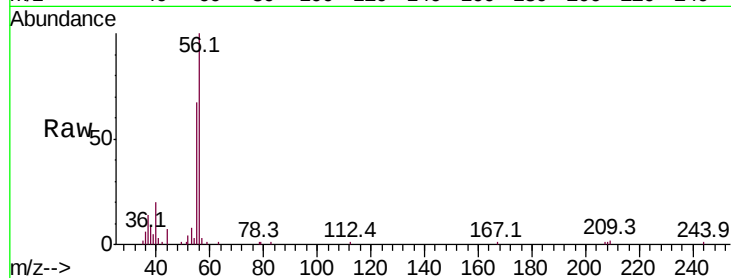
Ion Ratio Lower Upper

56 100

55 74.2 56.6 84.8

Manual Integrations
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#14

Allyl chloride

Concen: 20.046 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

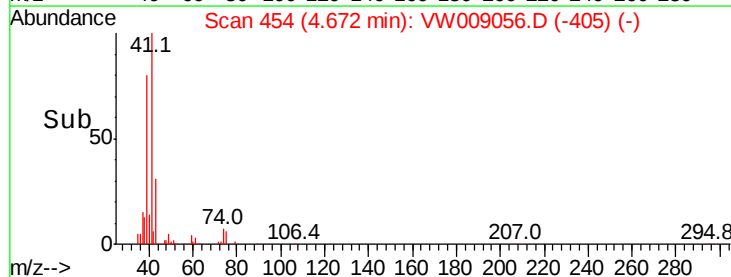
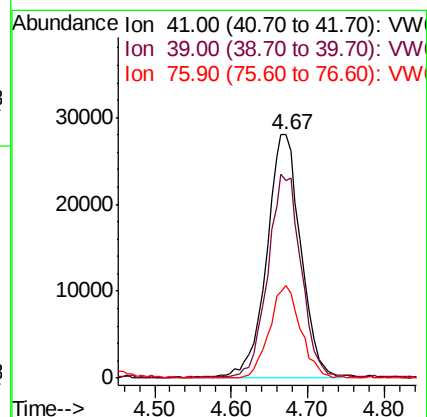
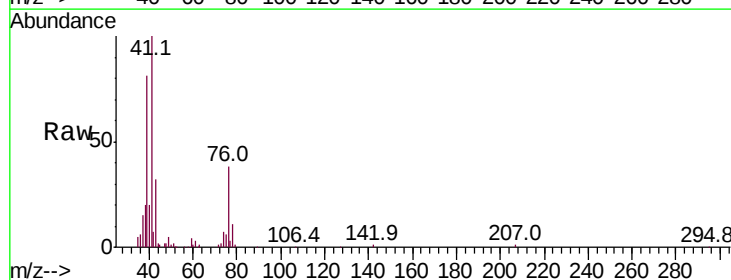
Tgt Ion: 41 Resp: 86163

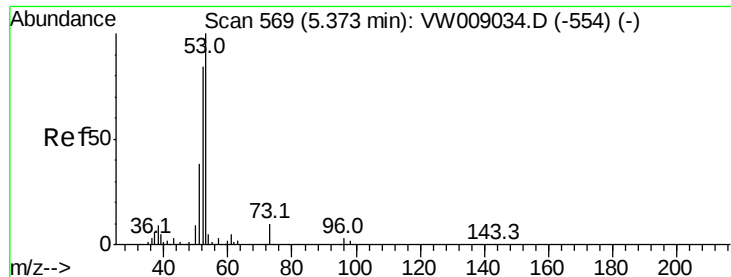
Ion Ratio Lower Upper

41 100

39 81.1 63.0 94.4

76 35.0 28.2 42.2





#15

Acrylonitrile

Concen: 104.480 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

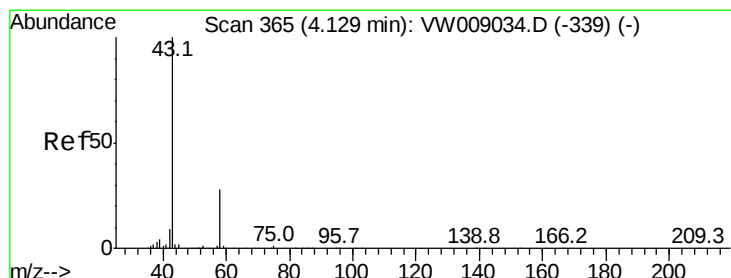
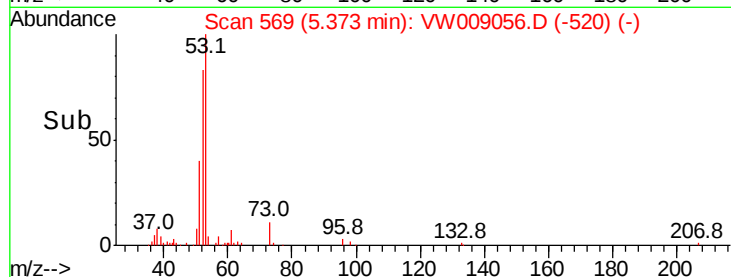
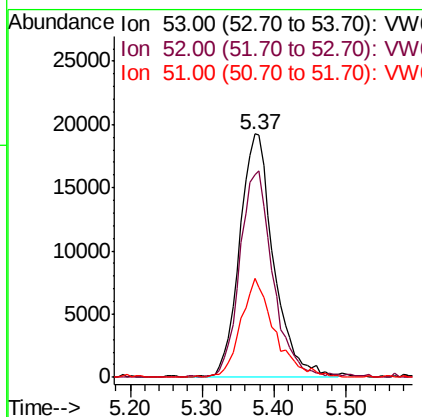
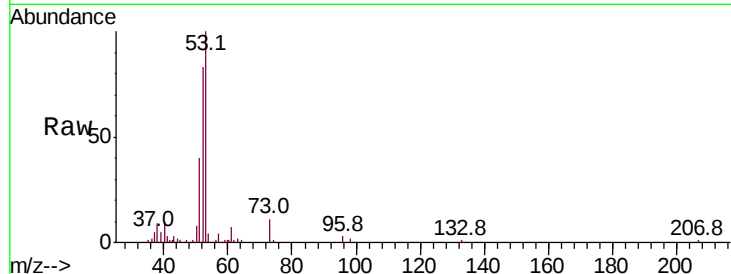
ClientSampleId :

VW0308SBS01

Tot Ion:	53	Resp:	63242
Ion	Ratio	Lower	Upper
53	100		
52	82.1	67.2	100.8
51	40.6	31.8	47.6

Manual Integrations
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#16

Acetone

Concen: 110.250 ug/l

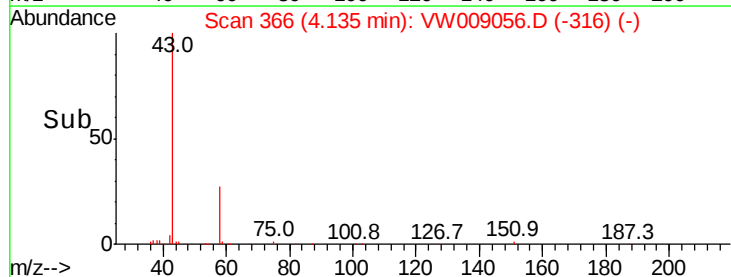
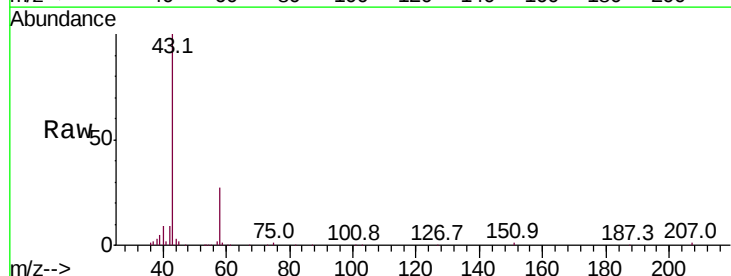
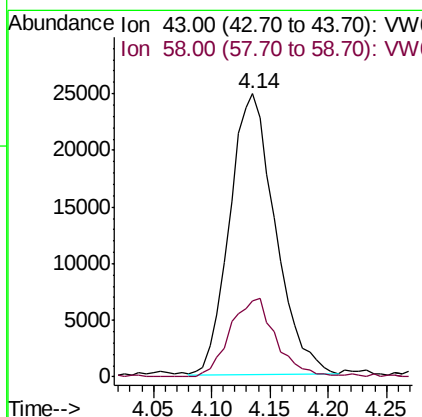
RT: 4.14 min Scan# 366

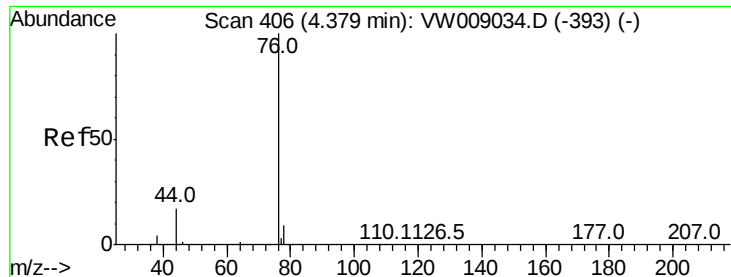
Delta R.T. 0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	43	Resp:	67866
Ion	Ratio	Lower	Upper
43	100		
58	27.1	22.5	33.7





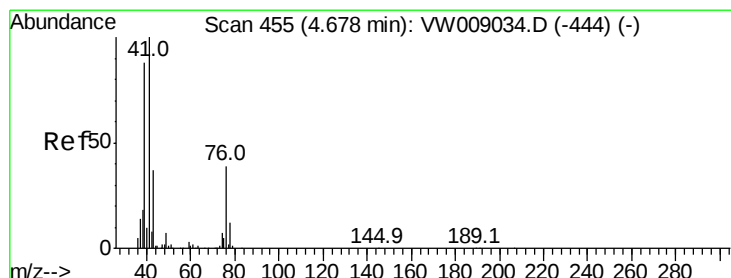
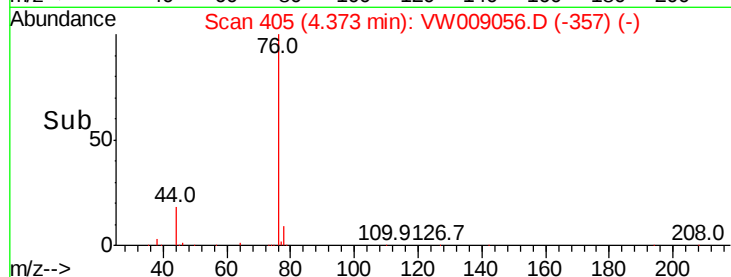
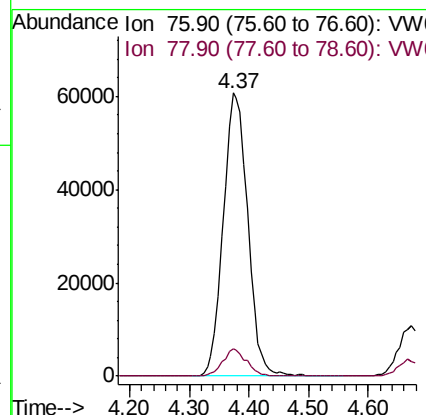
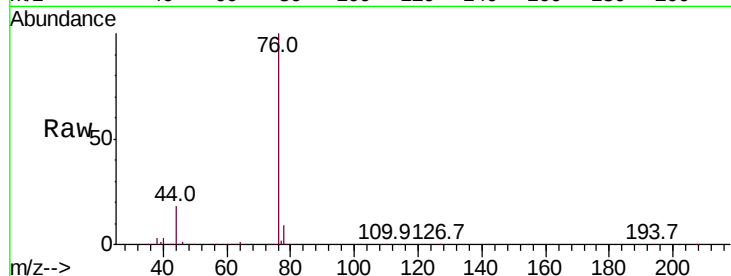
#17
Carbon Disulfide
Concen: 21.163 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.0	10.6

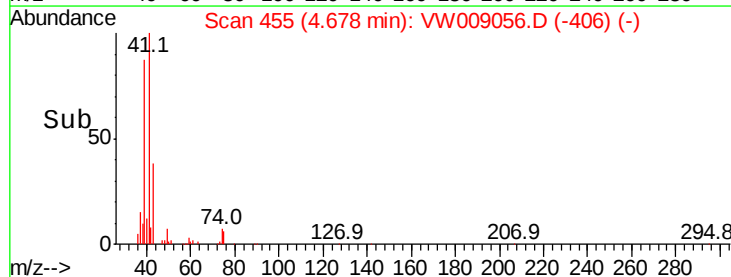
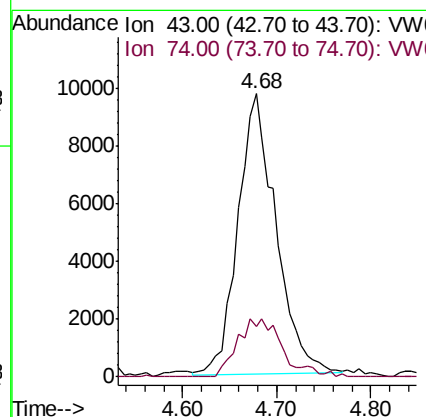
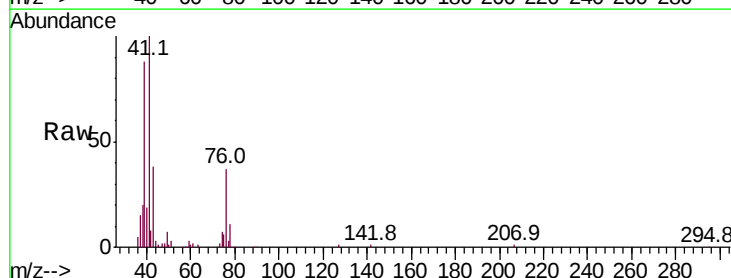
Manual Integrations
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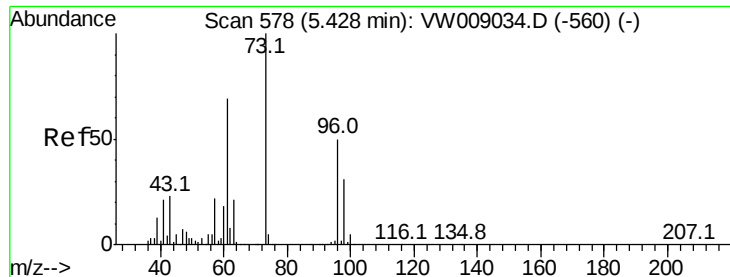
MMDadoda
3/11/2019 2:53:28 PM



#18
Methyl Acetate
Concen: 19.390 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.0	17.6	26.4





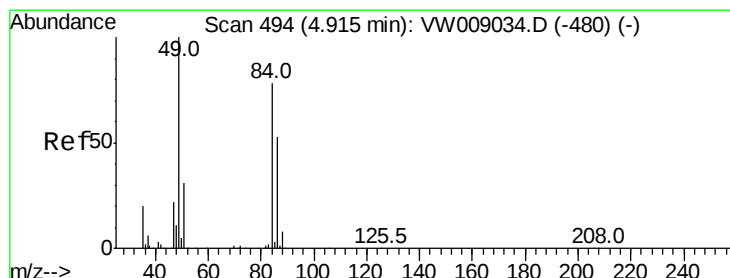
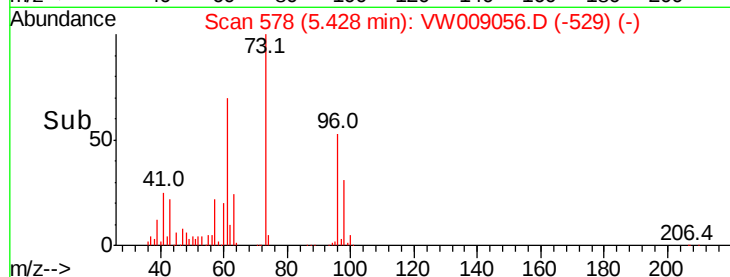
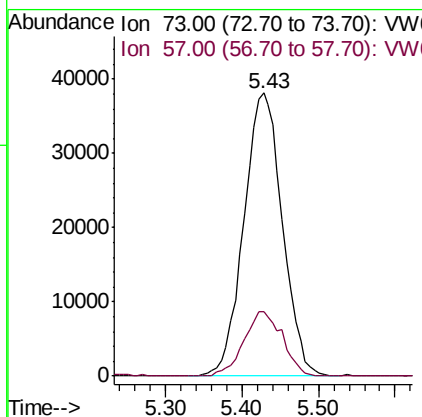
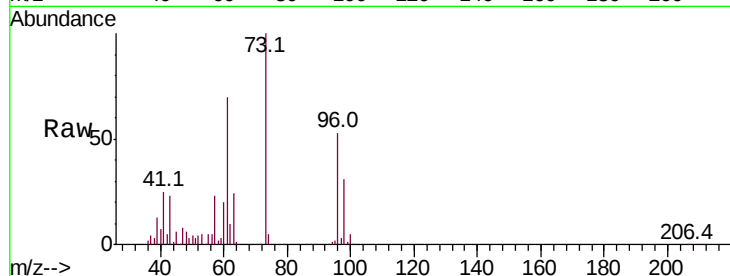
#19
Methvl tert-butvl Ether
Concen: 20.711 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBSD01

Tot Ion: 73 Resp: 133502
Ion Ratio Lower Upper
73 100
57 22.5 17.3 25.9

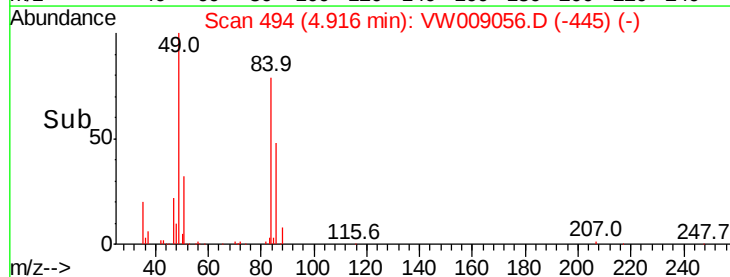
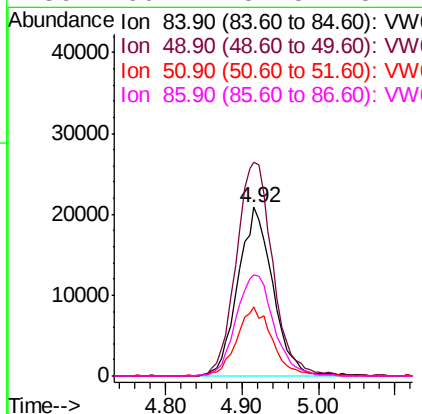
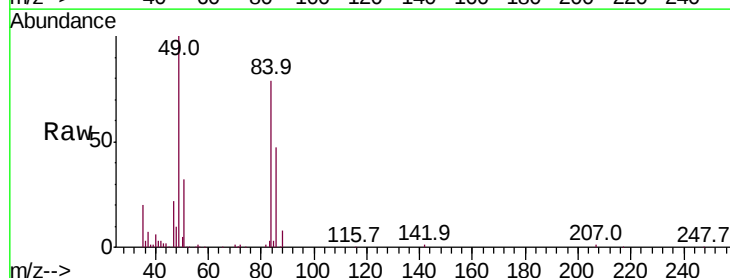
Manual Integrations
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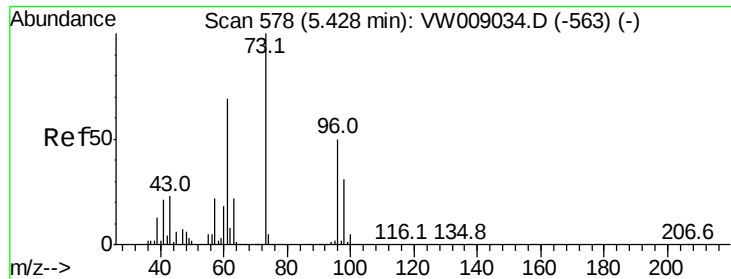
MMDadoda
3/11/2019 2:53:28 PM



#20
Methylene Chloride
Concen: 19.489 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion: 84 Resp: 66022
Ion Ratio Lower Upper
84 100
49 126.7 102.4 153.6
51 40.4 31.6 47.4
86 60.1 54.5 81.7





#21

trans-1,2-Dichloroethene

Concen: 20.782 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 96 Resp: 58473

Ion Ratio Lower Upper

96 100

61 133.4 111.0 166.6

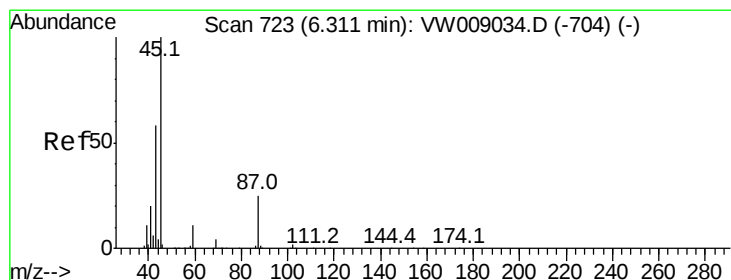
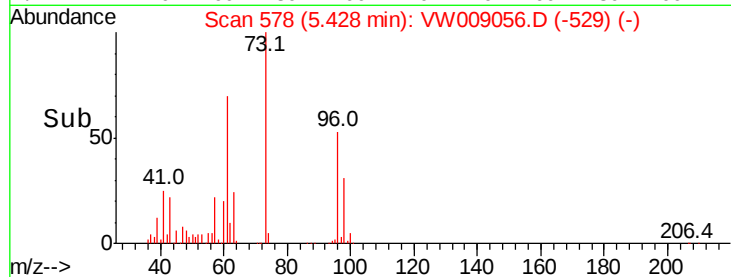
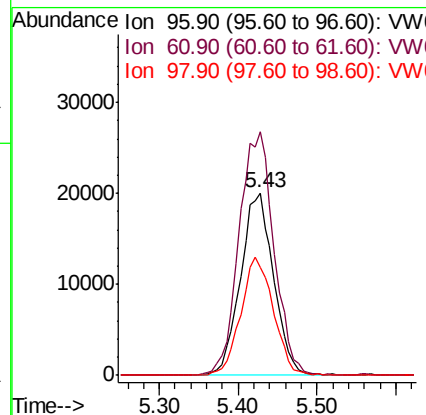
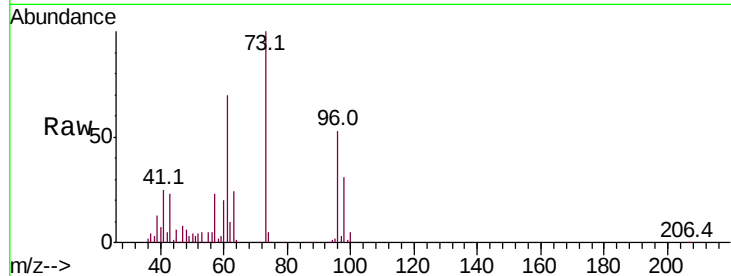
98 59.3 49.4 74.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 20.913 ug/l

RT: 6.31 min Scan# 723

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion: 45 Resp: 178636

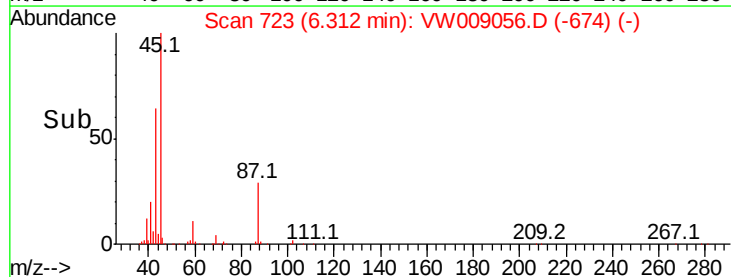
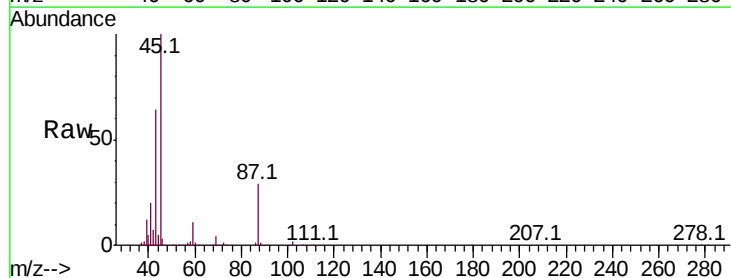
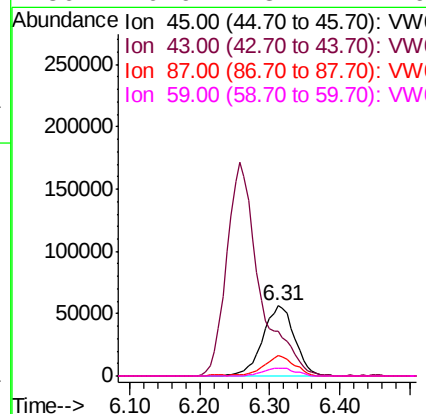
Ion Ratio Lower Upper

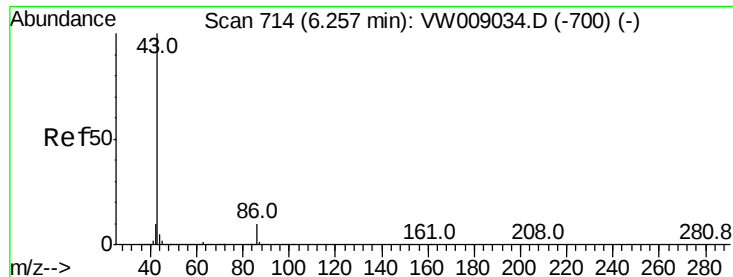
45 100

43 63.7 46.2 69.4

87 29.5 20.1 30.1

59 10.9 8.4 12.6





#23

Vinyl Acetate

Concen: 105.377 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 43 Resp: 560137

Ion Ratio Lower Upper

43 100

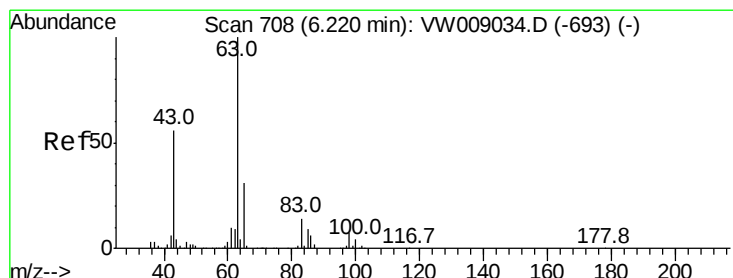
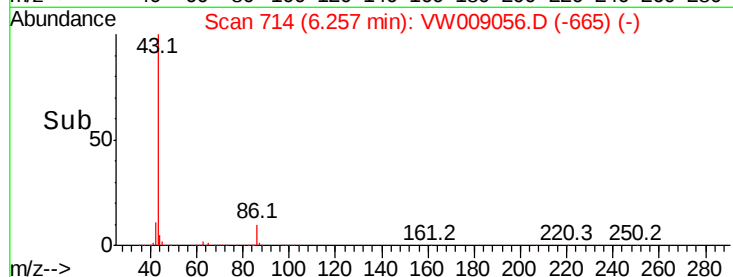
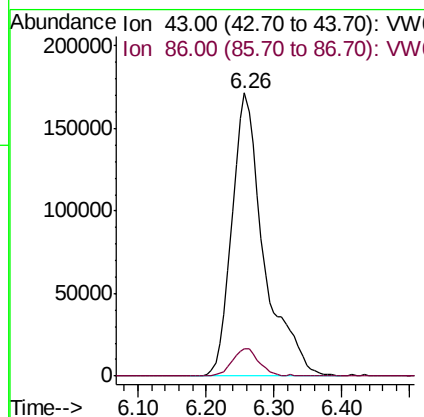
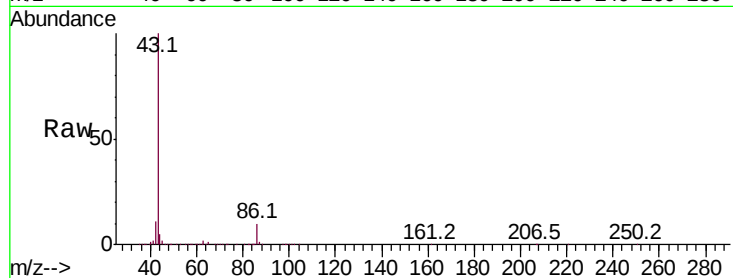
86 9.6 7.6 11.4

Manual Integrations

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MMDadoda

3/11/2019 2:53:28 PM



#24

1,1-Dichloroethane

Concen: 20.908 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

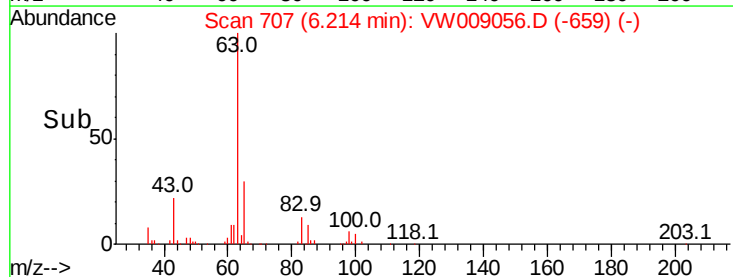
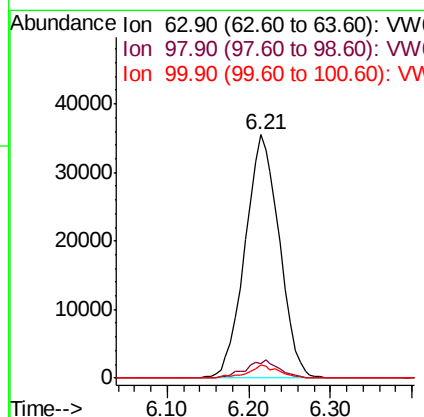
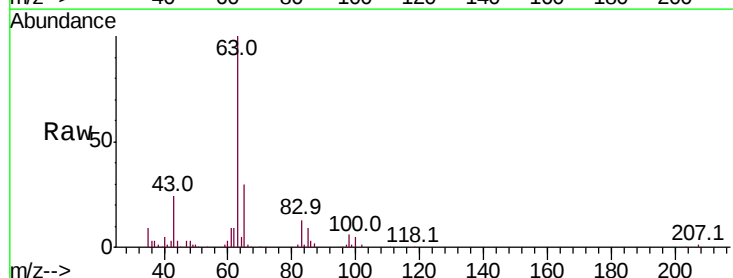
Tgt Ion: 63 Resp: 103587

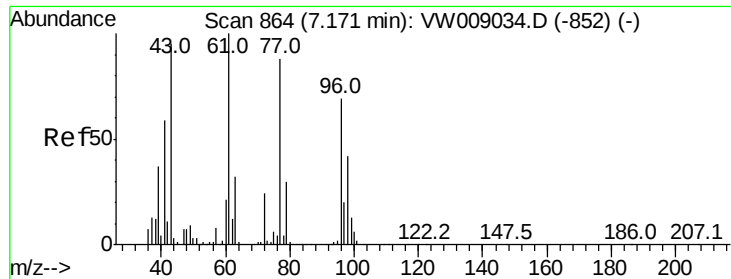
Ion Ratio Lower Upper

63 100

98 6.2 3.4 10.2

100 5.4 2.1 6.2





#25

2-Butanone

Concen: 104.631 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampled :

VW0308SBS01

Tot Ion: 43 Resp: 89012

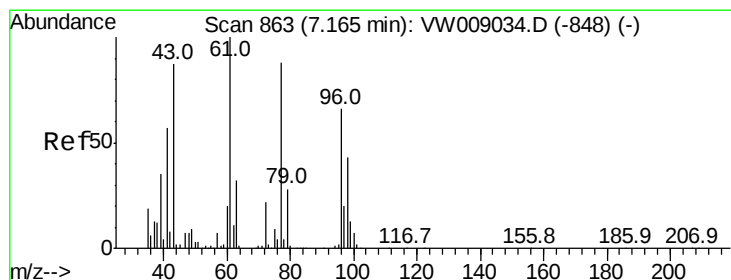
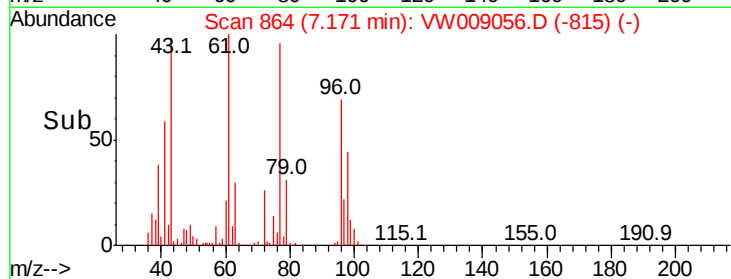
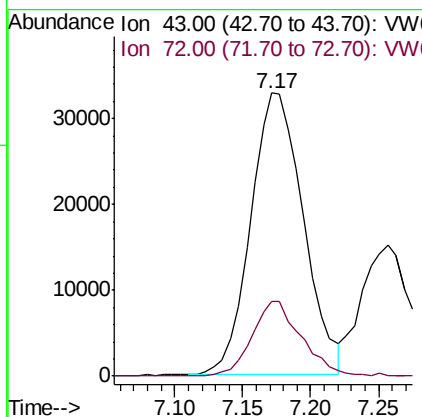
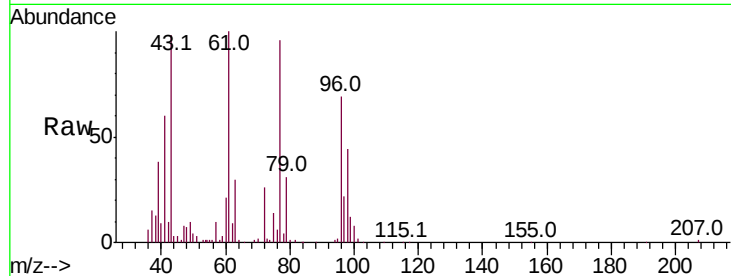
Ion Ratio Lower Upper

43 100

72 26.4 20.0 30.0

Manual Integrations
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MMDadoda
3/11/2019 2:53:28 PM



#26

2,2-Dichloropropane

Concen: 21.376 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW009056.D

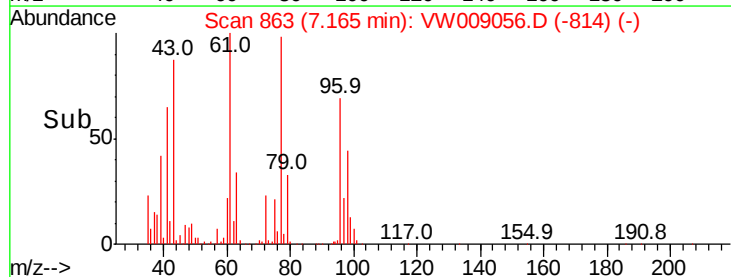
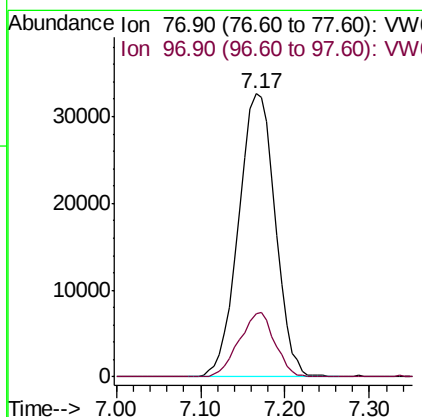
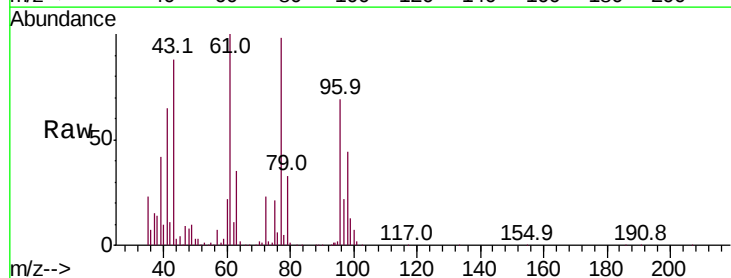
Acq: 08 Mar 2019 15:53

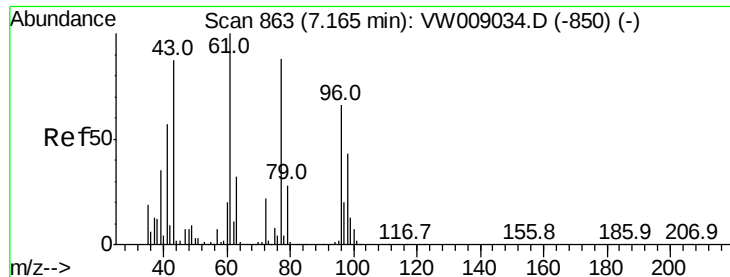
Tgt Ion: 77 Resp: 96267

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

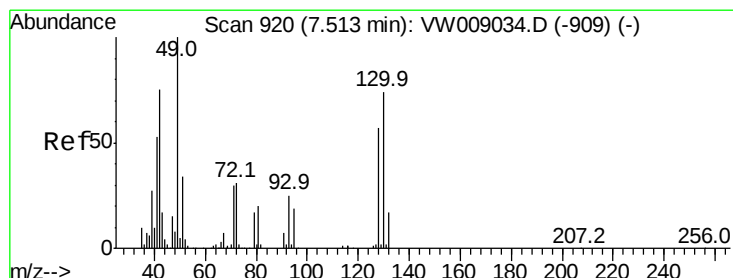
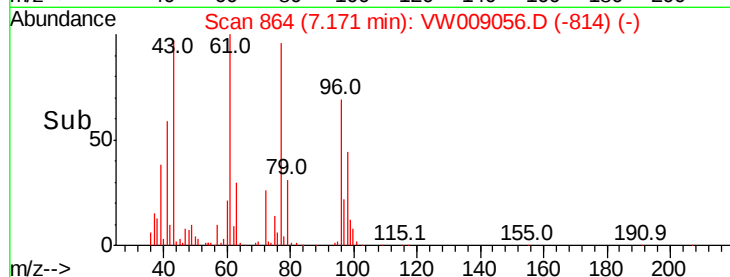
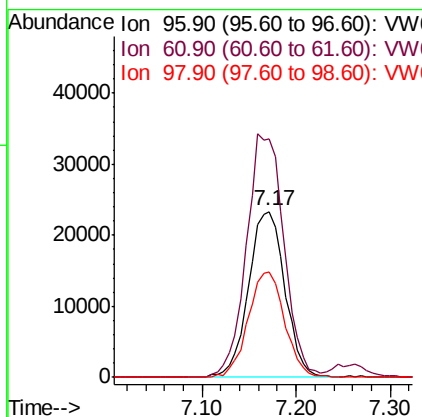
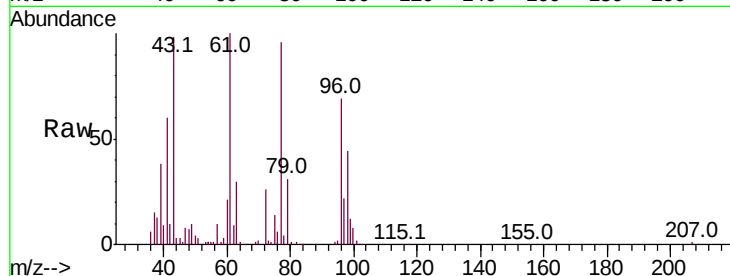
cis-1,2-Dichloroethene
Concen: 20.875 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.0	0.0	299.8
98	63.5	0.0	127.2

Manual Integrations
APPROVED

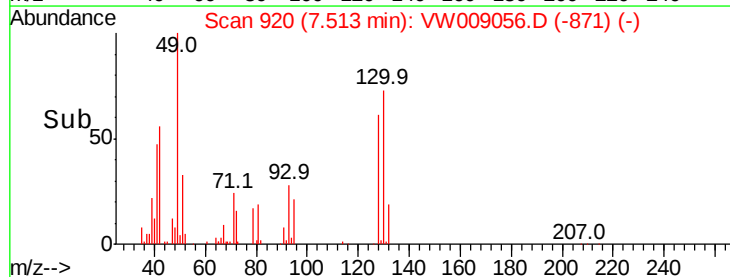
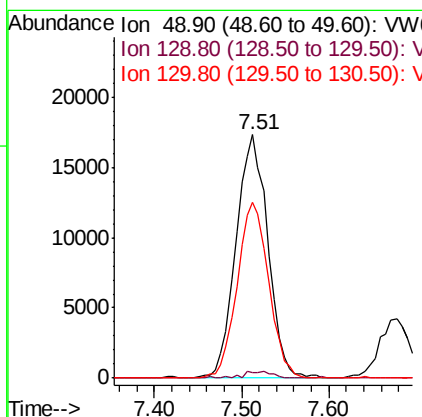
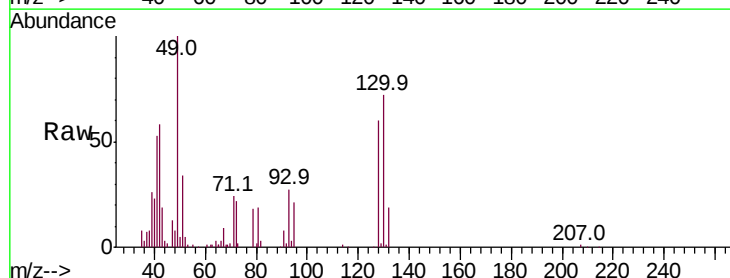
MMDadoda
3/11/2019 2:53:28 PM

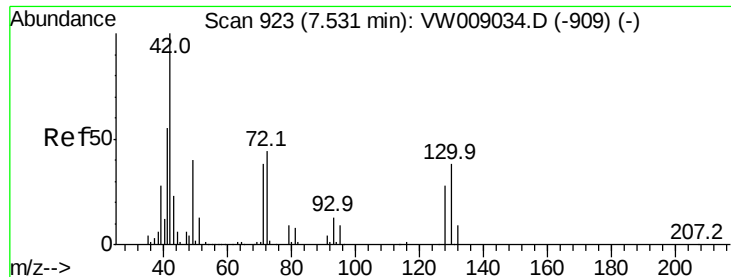


#28

Bromochloromethane
Concen: 21.291 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.6
130	71.5	60.4	90.6





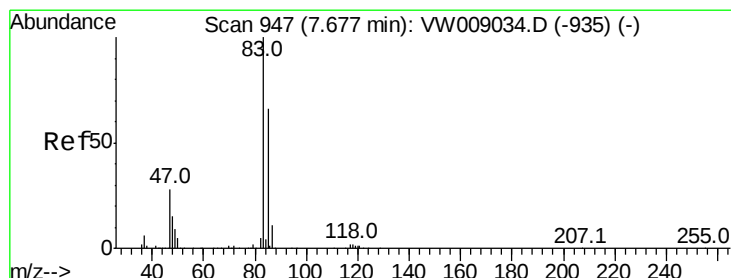
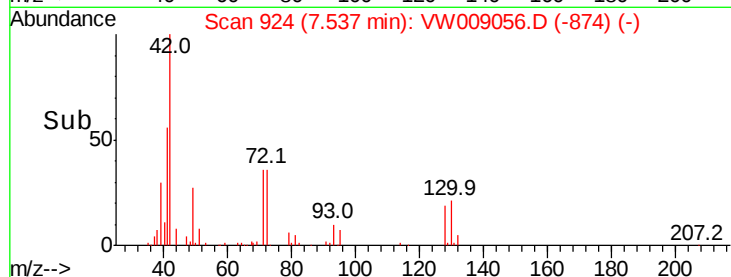
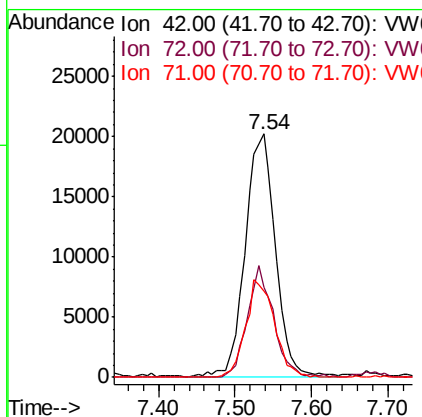
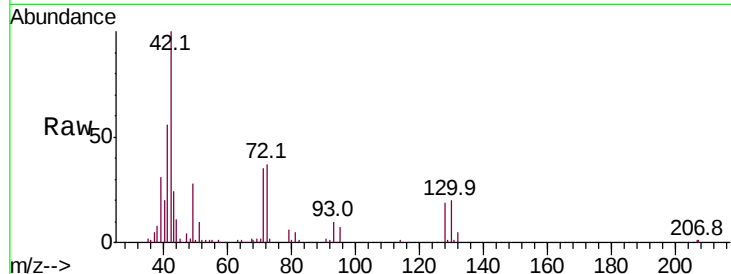
#29
Tetrahydrofuran
Concen: 104.709 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.4	32.2	48.4
71	37.9	30.7	46.1

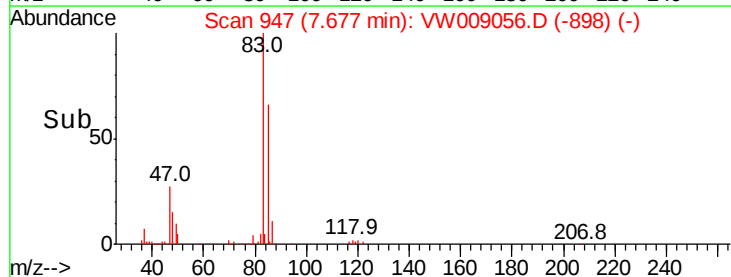
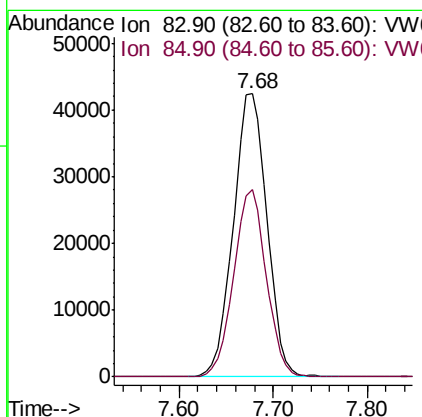
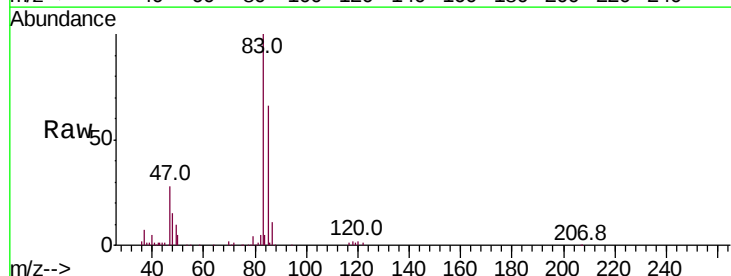
Manual Integrations
APPROVED

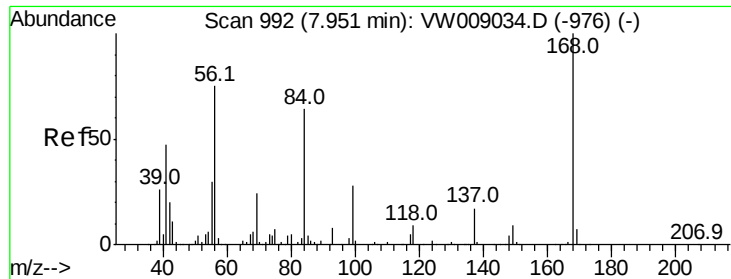
MMDadoda
3/11/2019 2:53:28 PM



#30
Chloroform
Concen: 20.602 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	53.0	79.6





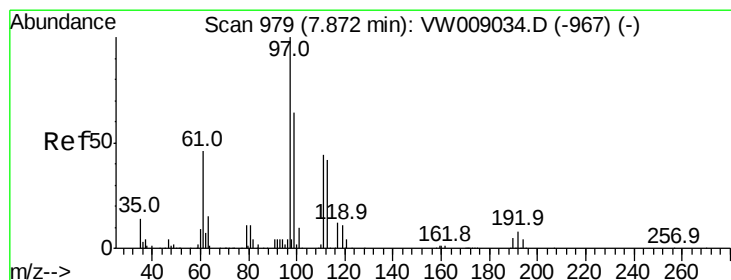
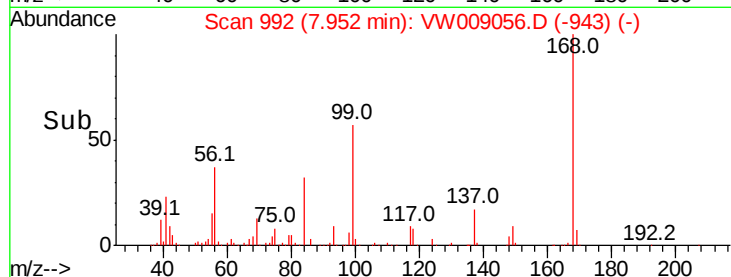
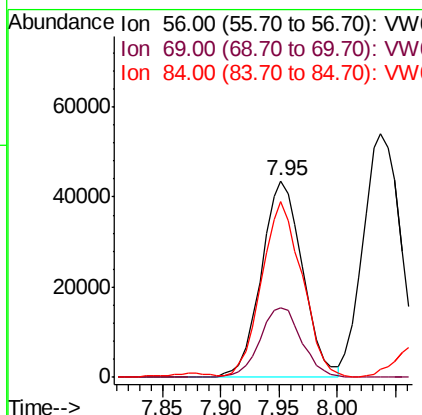
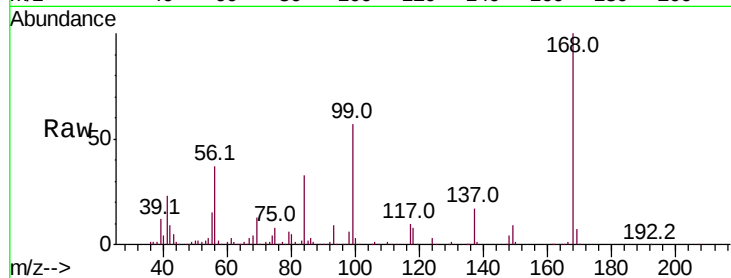
#31
Cyclohexane
Concen: 21.054 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampled :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.6	25.5	38.3
84	87.5	68.6	103.0

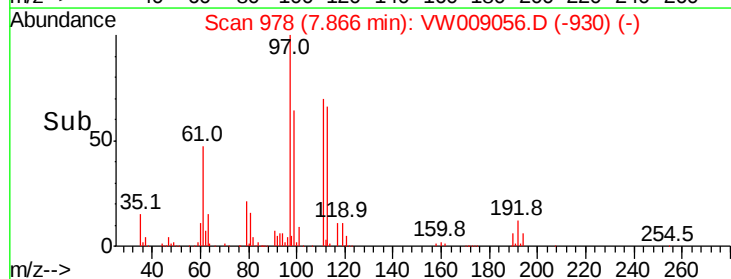
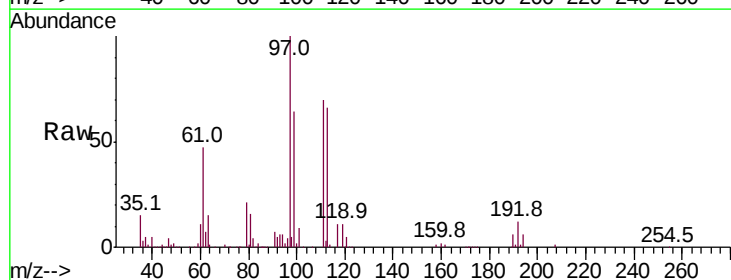
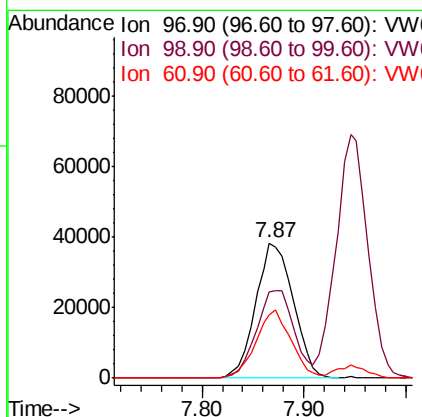
Manual Integrations
APPROVED

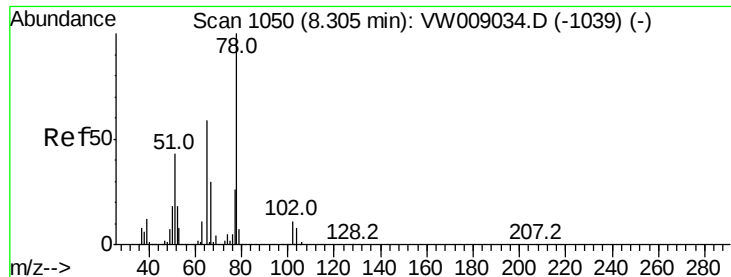
MMDadoda
3/11/2019 2:53:28 PM



#32
1,1,1-Trichloroethane
Concen: 20.810 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.8	77.8
61	47.6	37.3	55.9





#33

1,2-Dichloroethane-d4

Concen: 49.329 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 65 Resp: 134563

Ion Ratio Lower Upper

65 100

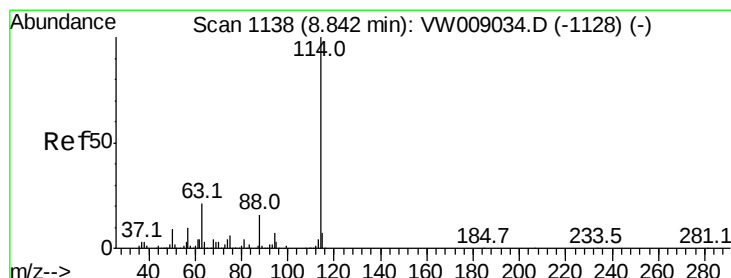
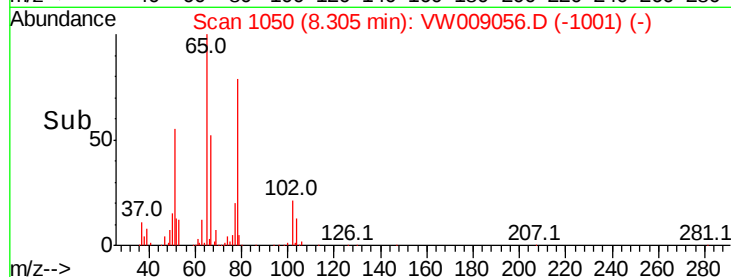
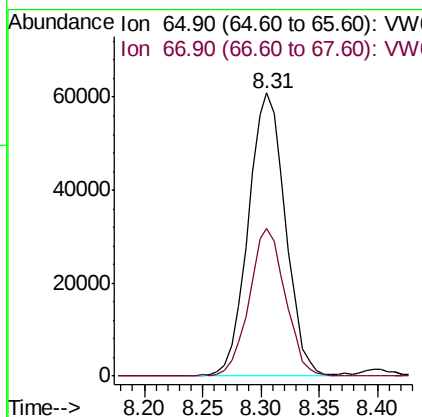
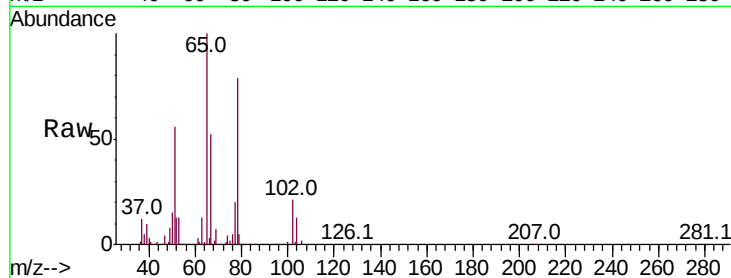
67 51.3 0.0 103.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

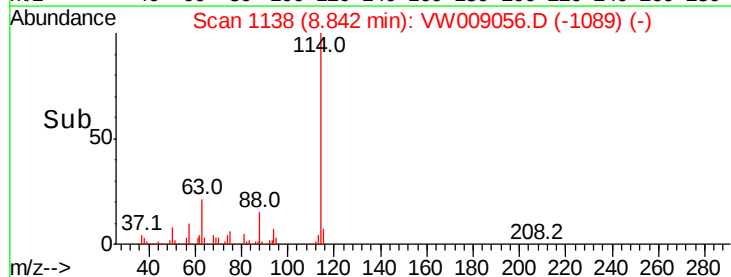
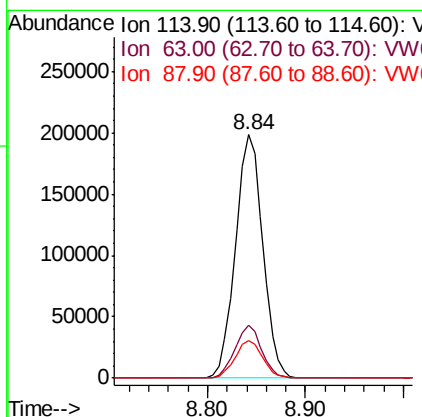
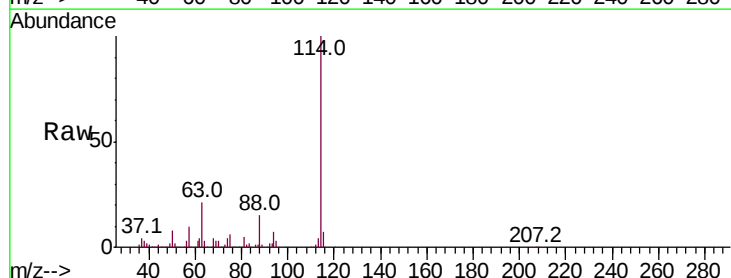
Tgt Ion: 114 Resp: 385846

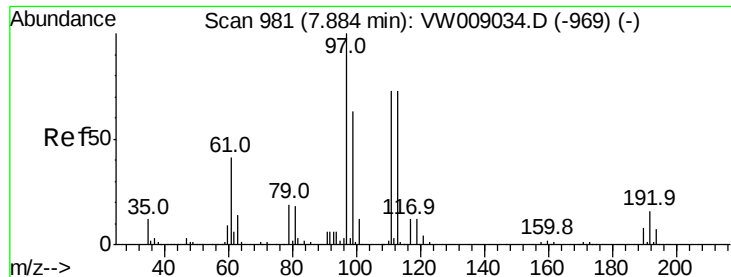
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.2

88 15.5 0.0 31.2





#35

Dibromofluoromethane

Concen: 49.730 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

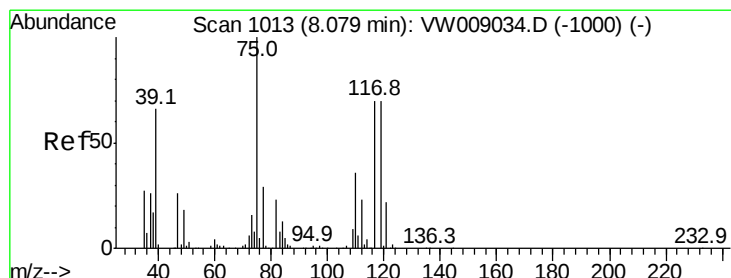
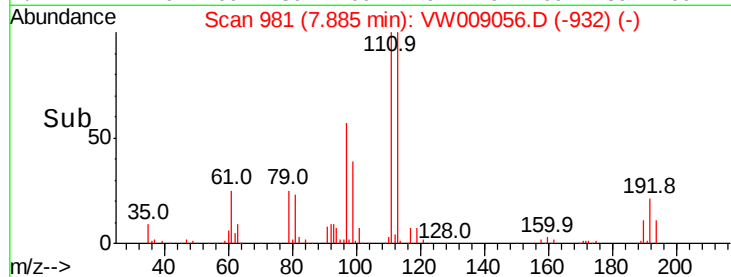
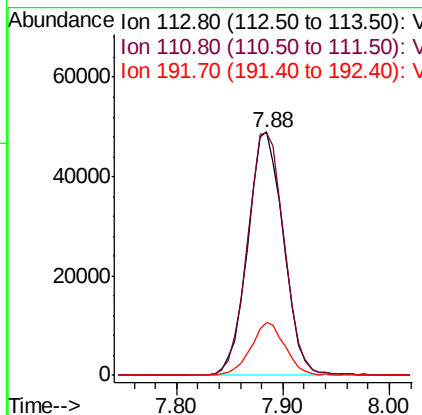
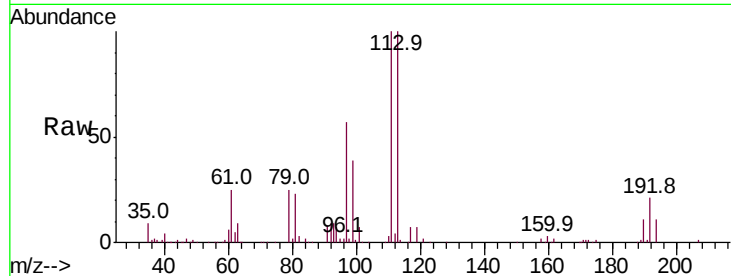
ClientSampleId :

VW0308SBS01

Tot Ion:	113	Resp:	115530
Ion Ratio	Lower	Upper	
113	100		
111	102.4	81.0	121.4
192	20.8	17.1	25.7

Manual Integrations
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3/11/2019 2:53:28 PM



#36

1,1-Dichloropropene

Concen: 21.475 ug/l

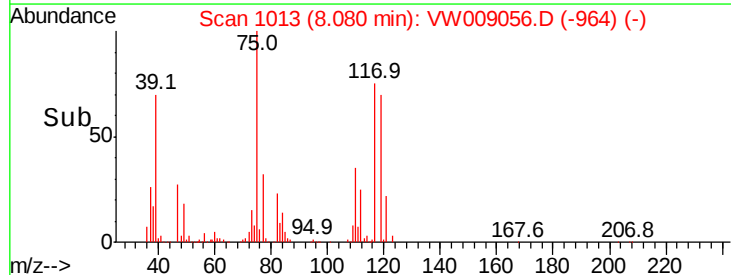
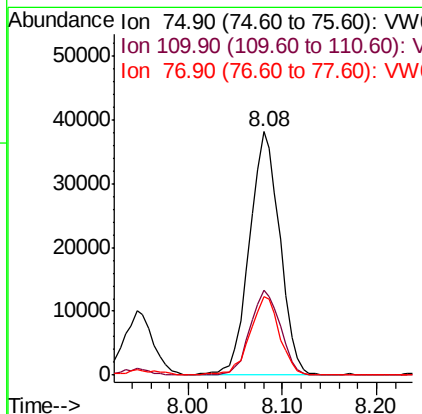
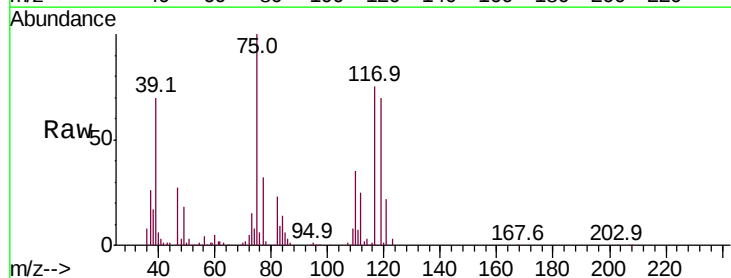
RT: 8.08 min Scan# 1013

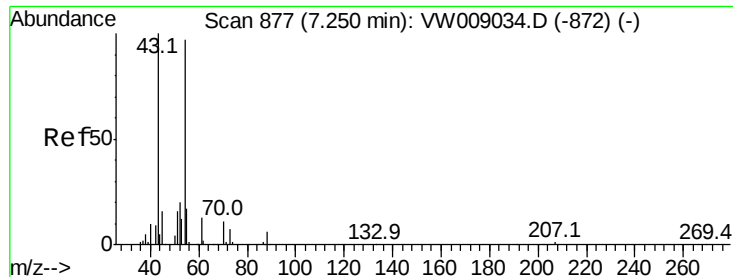
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	75	Resp:	86639
Ion Ratio	Lower	Upper	
75	100		
110	34.8	17.6	52.9
77	31.4	25.1	37.7





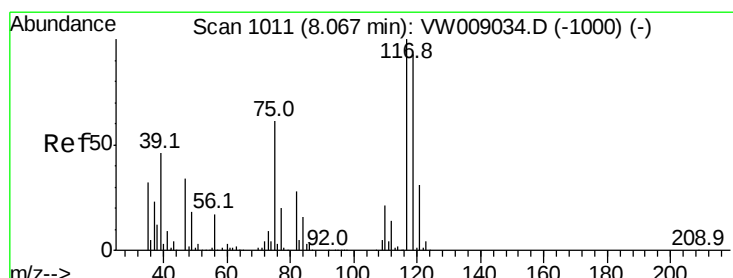
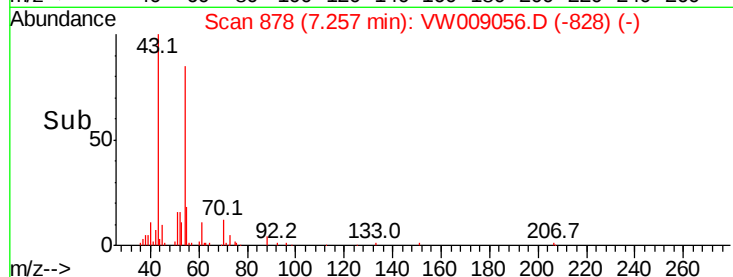
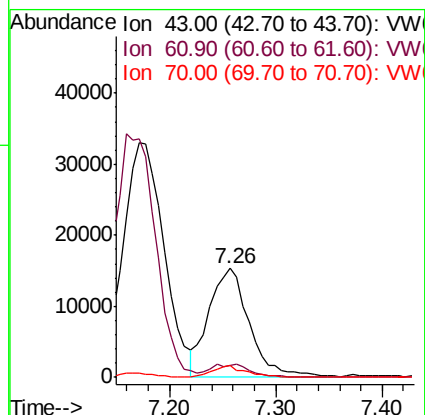
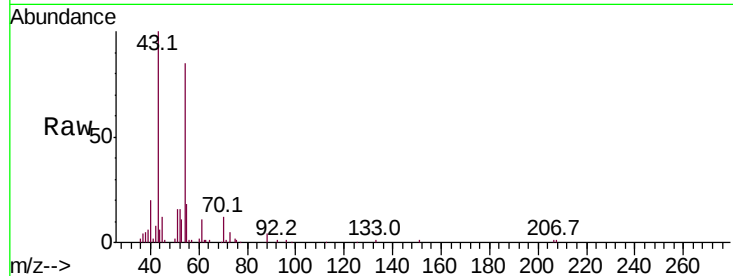
#37
Ethyl Acetate
Concen: 20.840 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.0	9.8	14.6
70	9.5	7.2	10.8

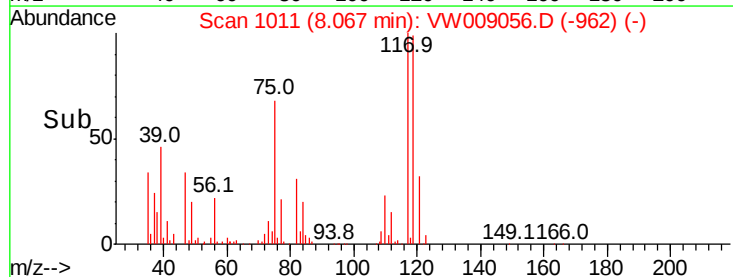
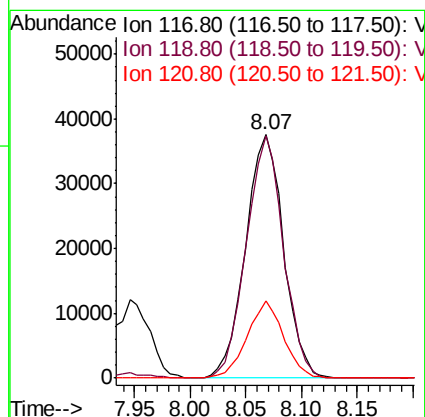
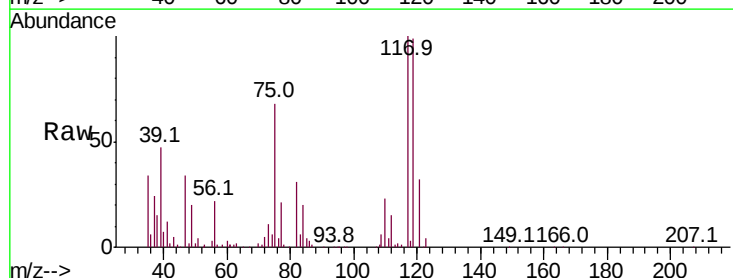
Manual Integrations
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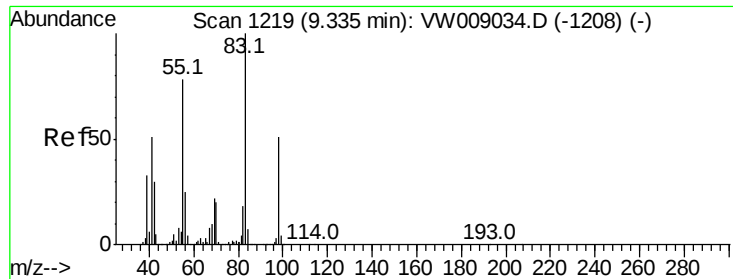
MMDadoda
3/11/2019 2:53:28 PM



#38
Carbon Tetrachloride
Concen: 21.351 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	74.6	112.0
121	32.0	24.7	37.1





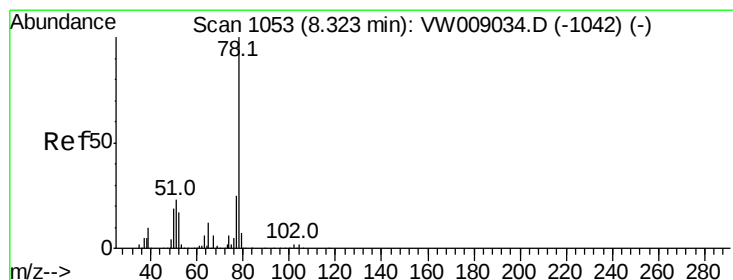
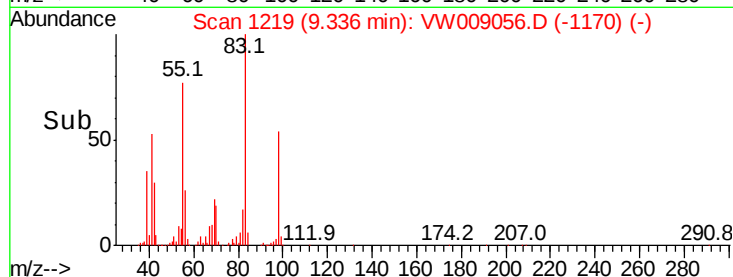
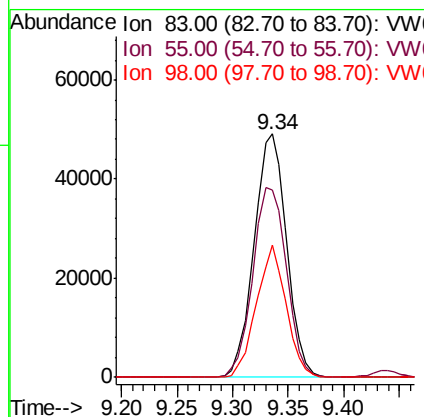
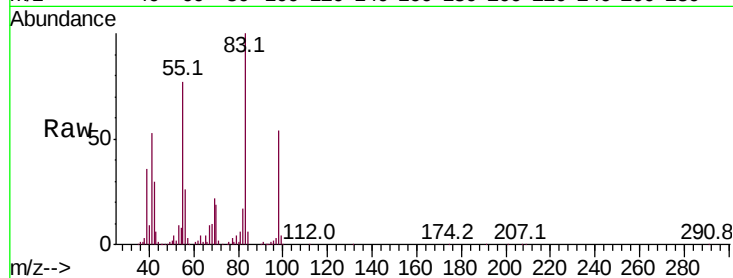
#39
Methvlcvclohexane
Concen: 20.798 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.0	62.7	94.1
98	54.2	40.8	61.2

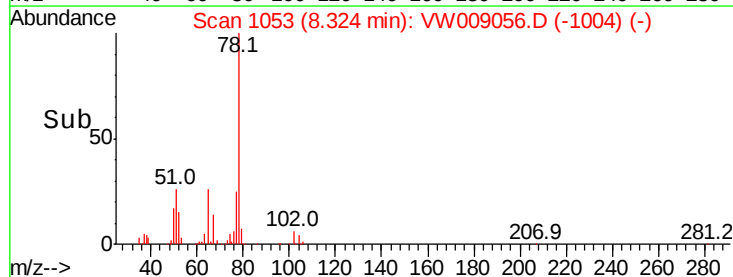
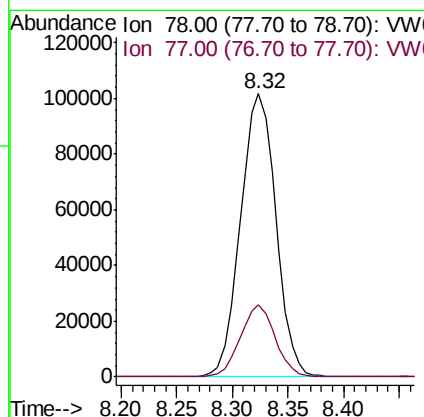
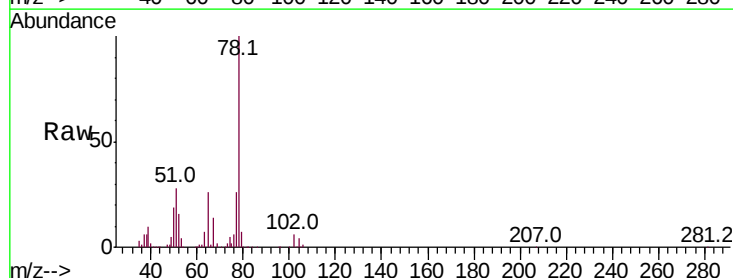
Manual Integrations
APPROVED

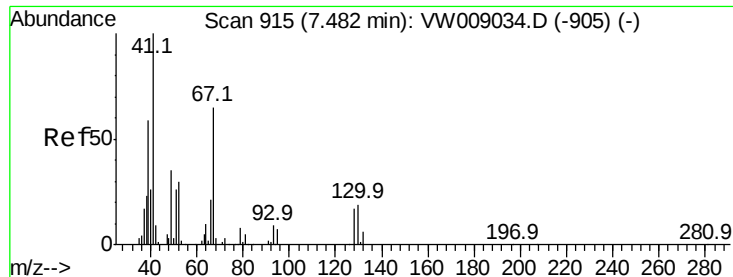
MMDadoda
3/11/2019 2:53:28 PM



#40
Benzene
Concen: 20.903 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.6	20.2	30.4





#41

Methacrylonitrile

Concen: 18.959 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

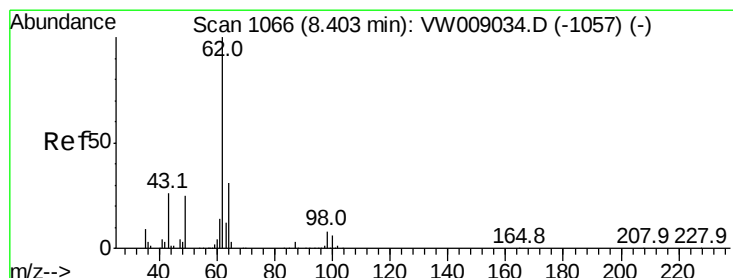
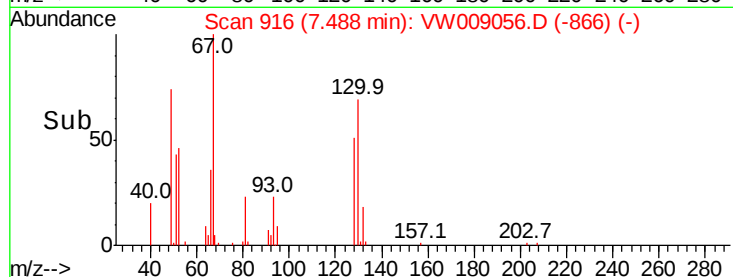
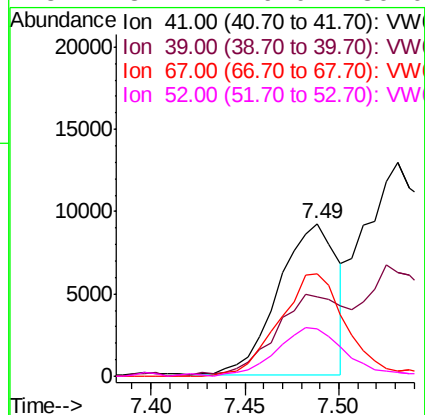
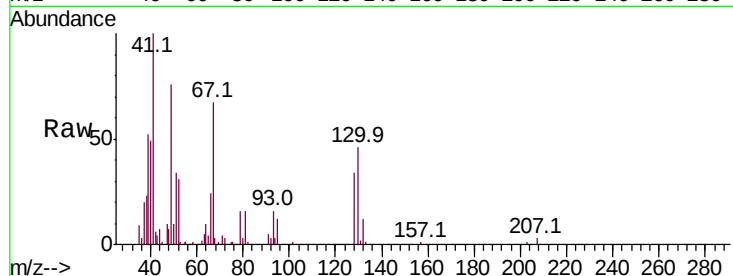
ClientSampleId :

VW0308SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.3	53.6	80.4
67	77.5	57.6	86.4
52	37.4	26.0	39.0

Manual Integrations
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3/11/2019 2:53:28 PM



#42

1,2-Dichloroethane

Concen: 20.957 ug/l

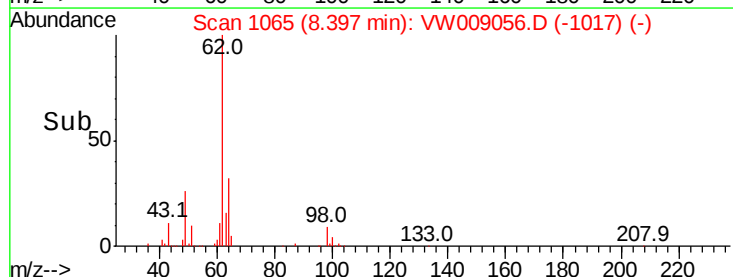
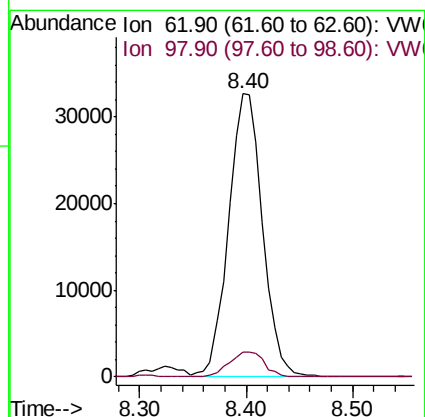
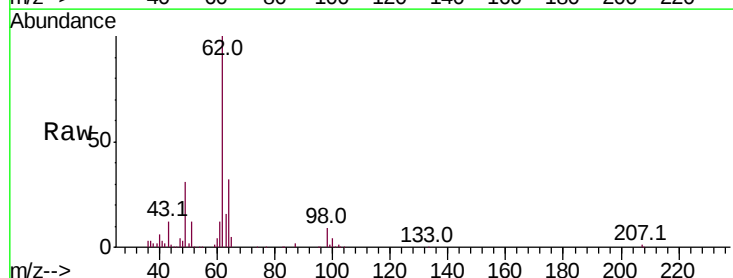
RT: 8.40 min Scan# 1065

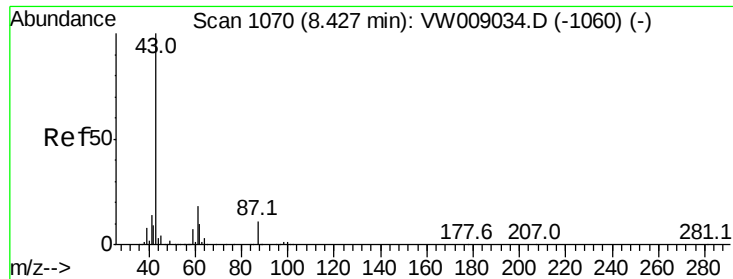
Delta R.T. -0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.269 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

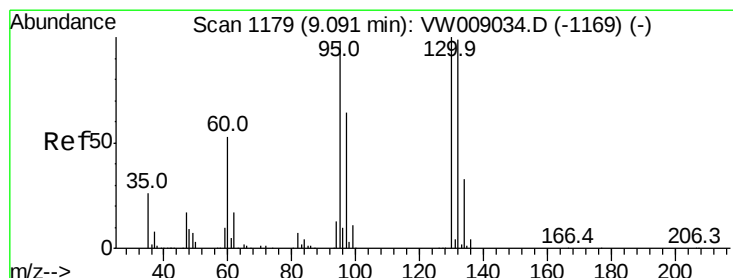
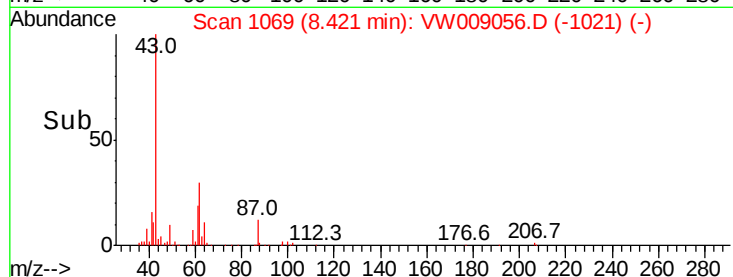
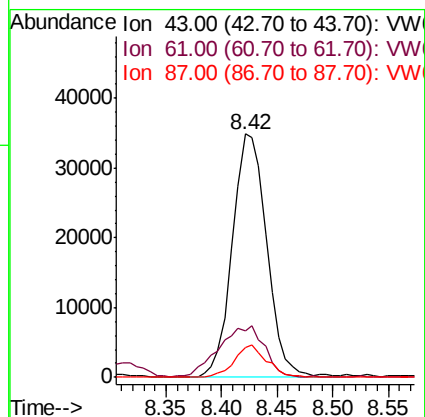
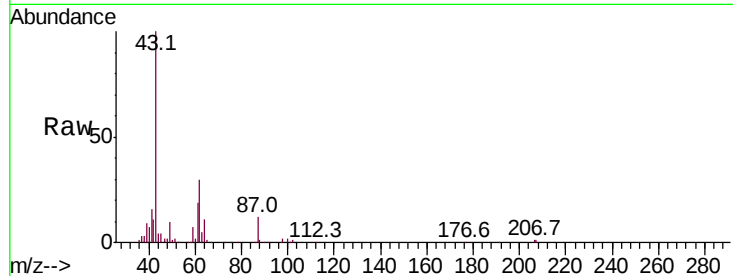
ClientSampleId :

VW0308SBS01

Tot Ion:	43	Resp:	75069
Ion Ratio	Lower	Upper	
43	100		
61	27.6	22.8	34.2
87	12.6	9.4	14.2

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#44

Trichloroethene

Concen: 21.291 ug/l

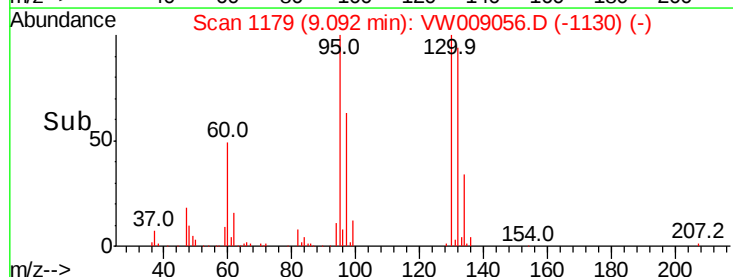
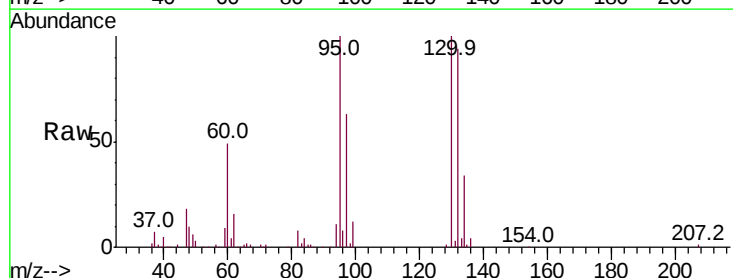
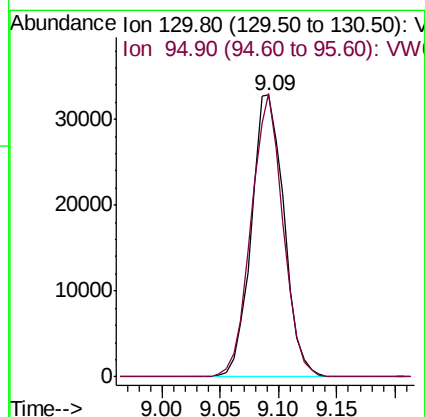
RT: 9.09 min Scan# 1179

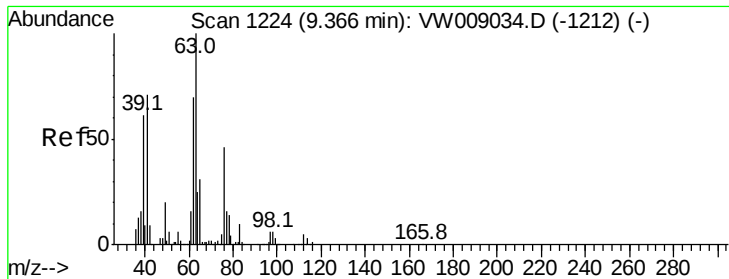
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	130	Resp:	64267
Ion Ratio	Lower	Upper	
130	100		
95	100.4	0.0	197.0





#45

1,2-Dichloropropane

Concen: 21.253 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

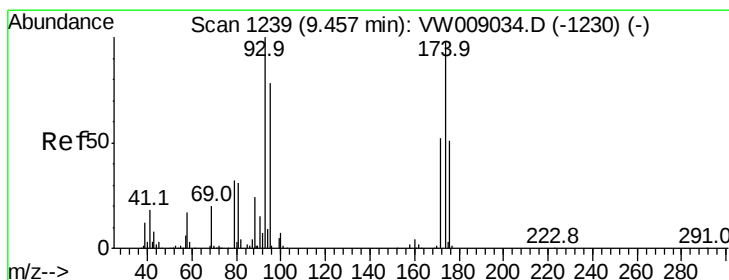
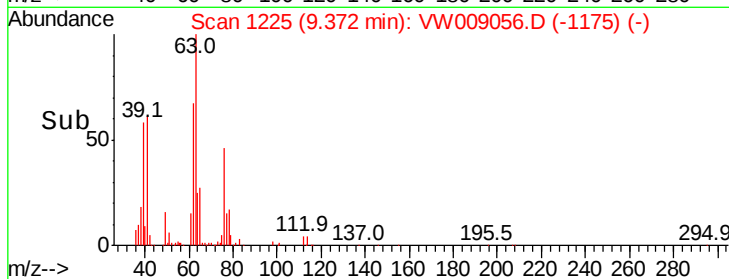
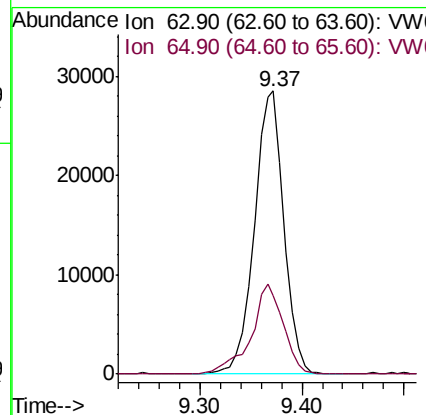
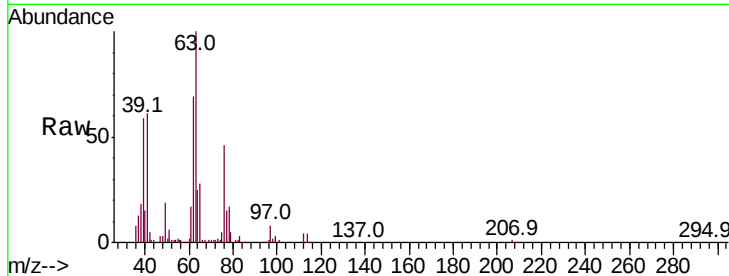
Instrument :
MSVOA_W

ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.7	24.9	37.3

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#46

Dibromomethane

Concen: 21.123 ug/l

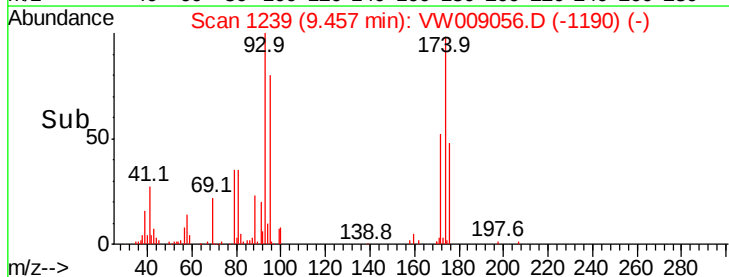
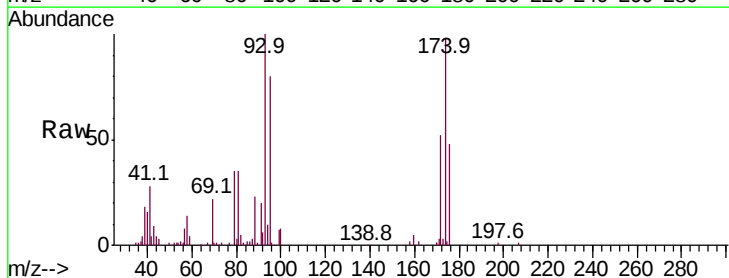
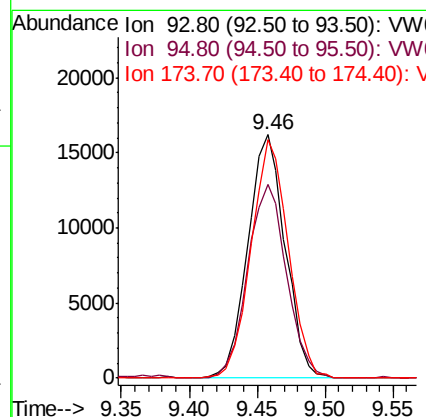
RT: 9.46 min Scan# 1239

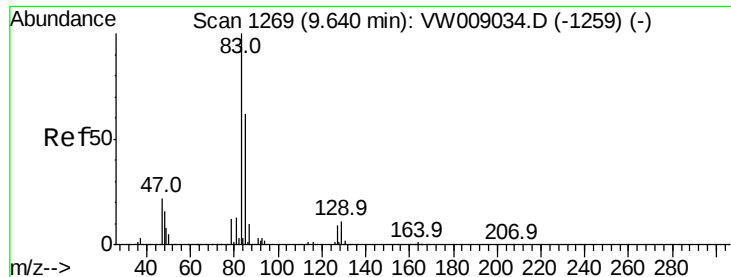
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.2	65.0	97.6
174	97.9	81.8	122.6





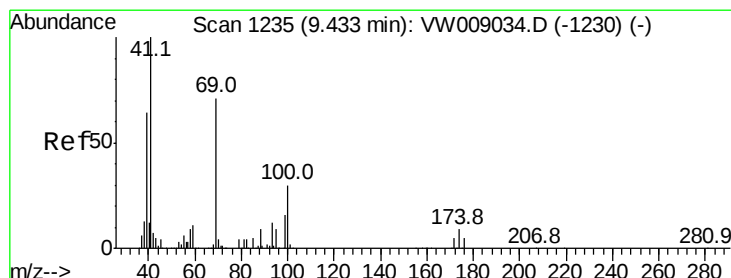
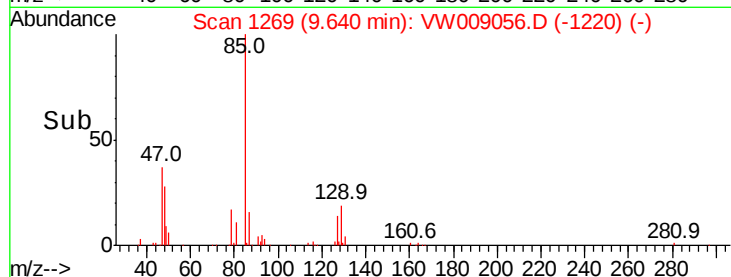
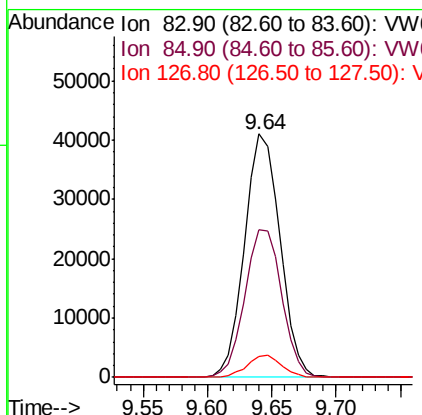
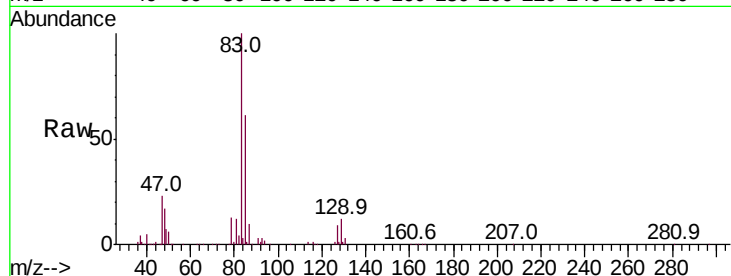
#47
Bromodichloromethane
Concen: 20.964 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion:	83	Resp:	78175
Ion Ratio	Lower	Upper	
83	100		
85	60.6	49.9	74.9
127	8.6	7.1	10.7

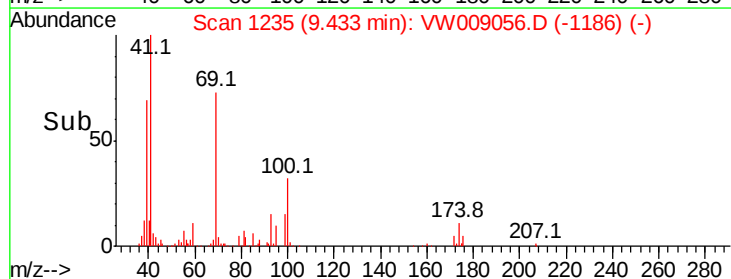
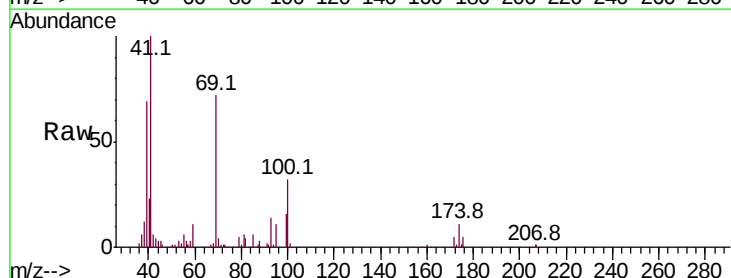
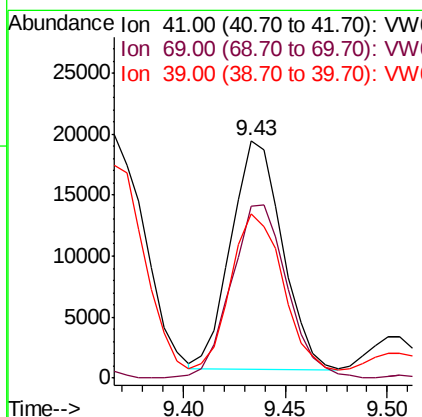
Manual Integrations
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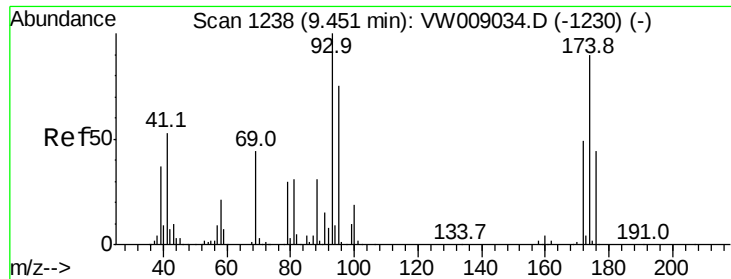
MMDadoda
3/11/2019 2:53:28 PM



#48
Methyl methacrylate
Concen: 19.890 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion:	41	Resp:	32688
Ion Ratio	Lower	Upper	
41	100		
69	82.9	59.1	88.7
39	70.0	48.9	73.3





#49

1,4-Dioxane

Concen: 407.727 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

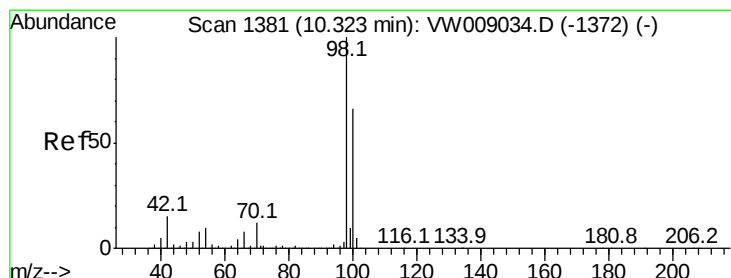
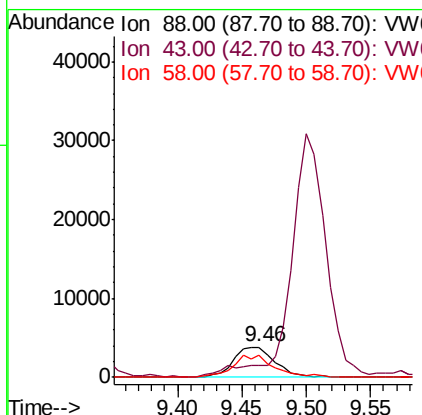
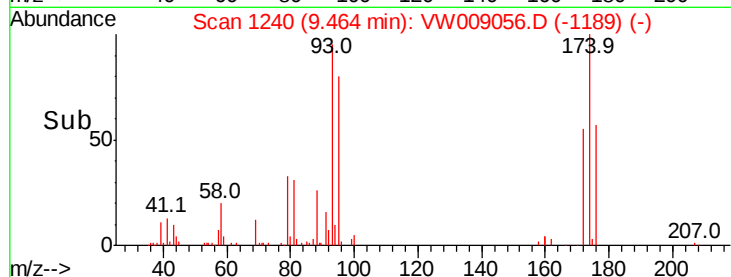
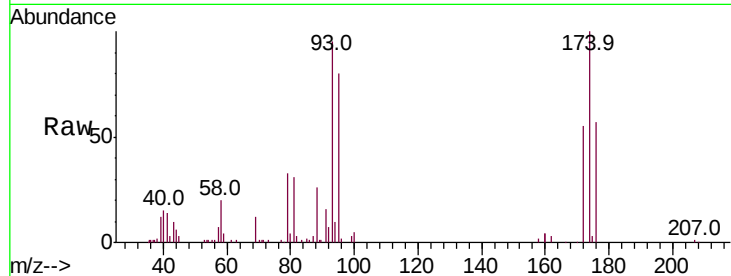
ClientSampleId :

VW0308SBS01

Tot Ion	88	Resp	8601
Ion	Ratio	Lower	Upper
88	100		
43	0.0	29.0	43.4#
58	74.0	59.2	88.8

Manual Integrations
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#50

Toluene-d8

Concen: 49.324 ug/l

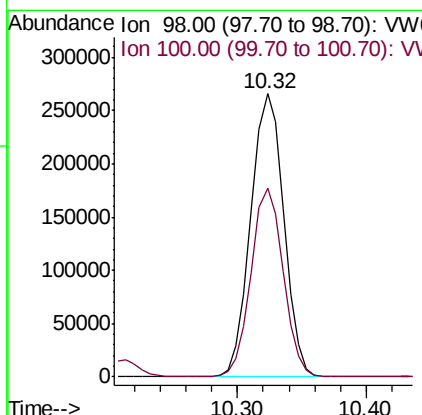
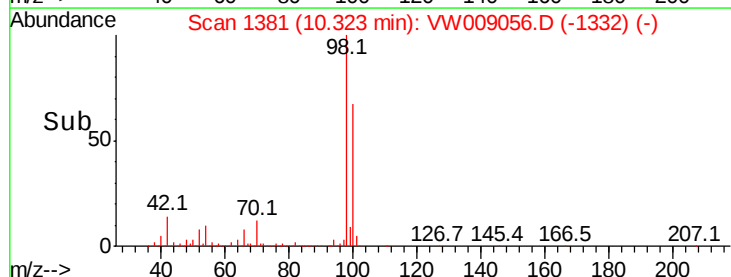
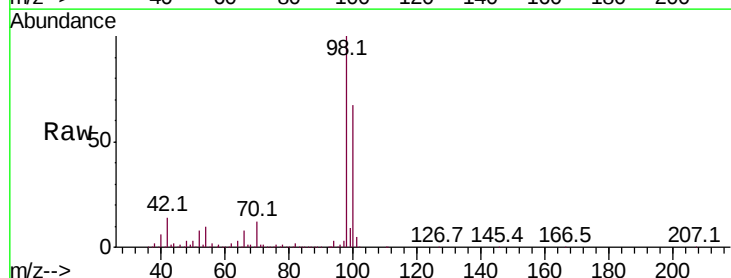
RT: 10.32 min Scan# 1381

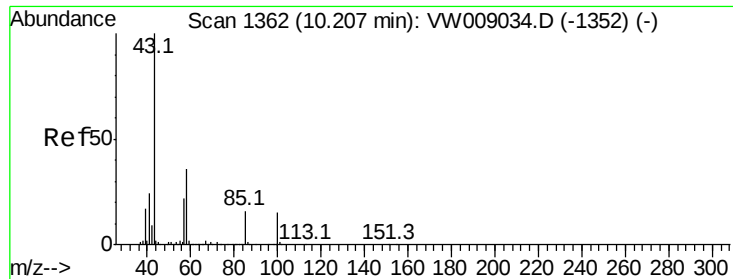
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion	98	Resp	470622
Ion	Ratio	Lower	Upper
98	100		
100	65.1	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 104.379 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 43 Resp: 187026

Ion Ratio Lower Upper

43 100

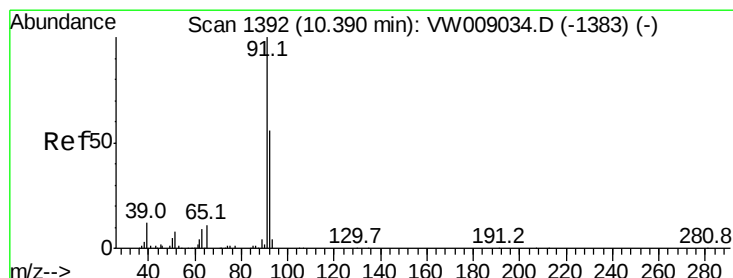
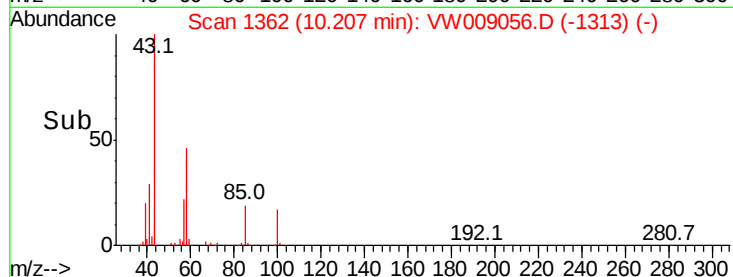
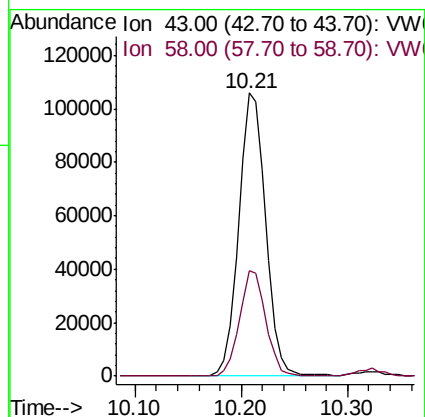
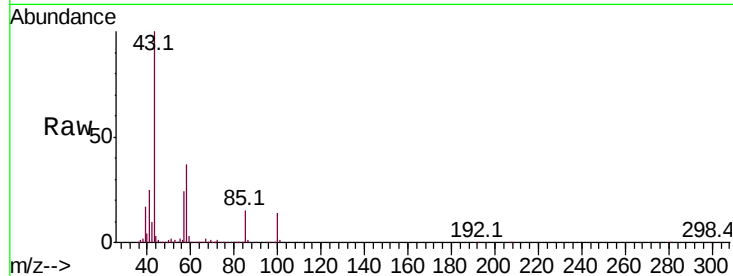
58 36.6 28.8 43.2

Manual Integrations

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#52

Toluene

Concen: 20.359 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW009056.D

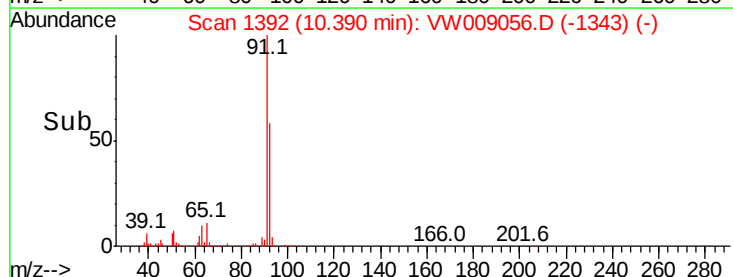
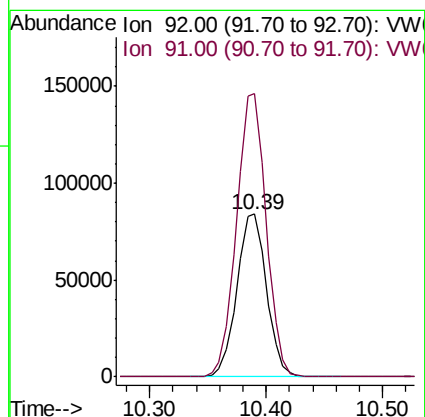
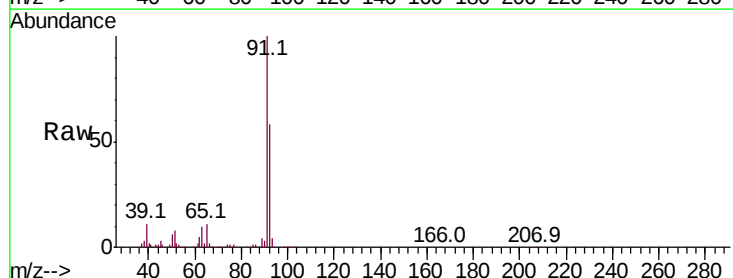
Acq: 08 Mar 2019 15:53

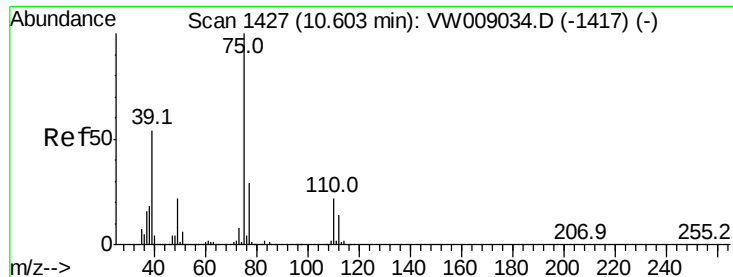
Tgt Ion: 92 Resp: 148699

Ion Ratio Lower Upper

92 100

91 175.0 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 20.549 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

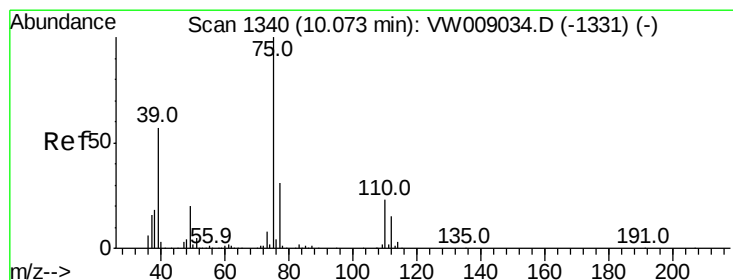
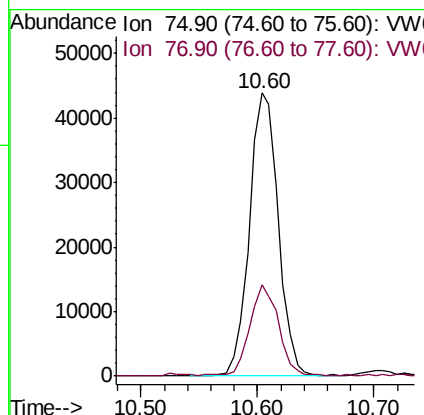
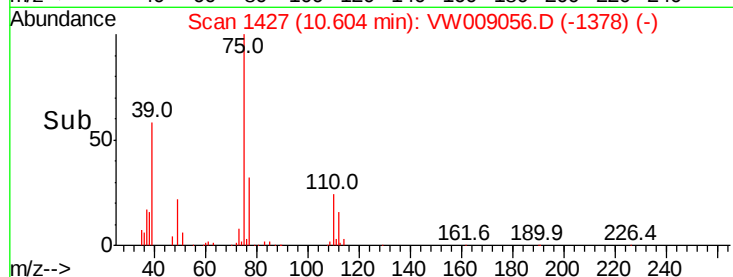
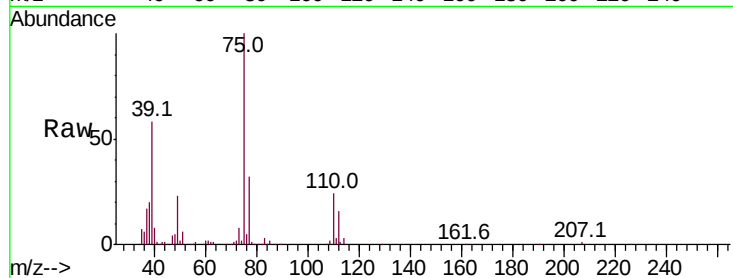
Instrument :
MSVOA_W

ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.0	23.6	35.4

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 20.900 ug/l

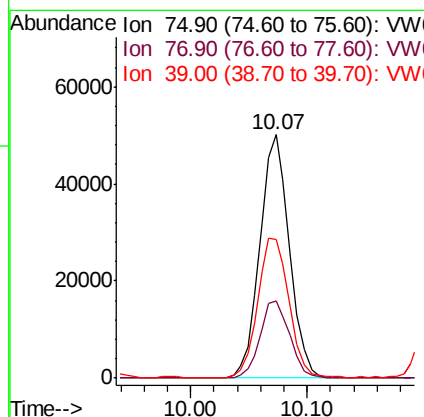
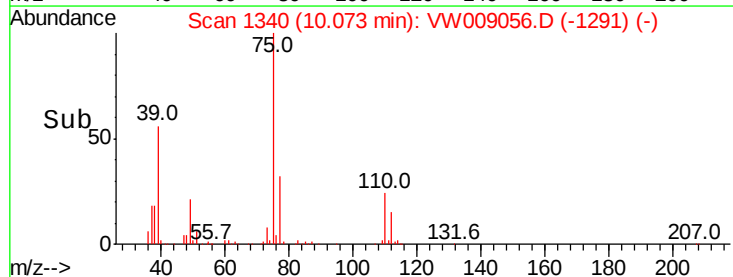
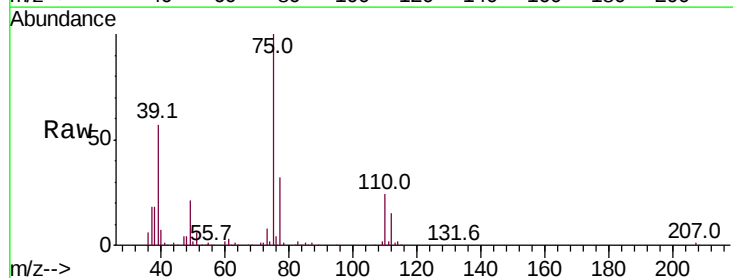
RT: 10.07 min Scan# 1340

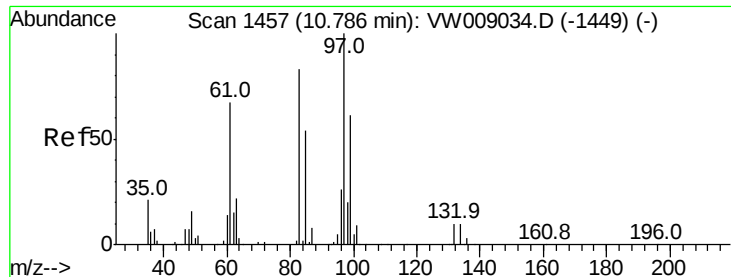
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	56.5	45.9	68.9





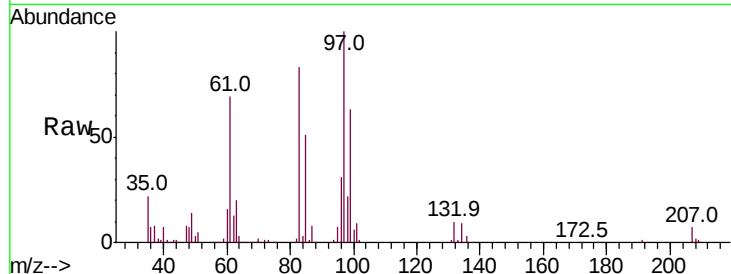
#55
 1,1,2-Trichloroethane
 Concen: 21.164 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBSD01

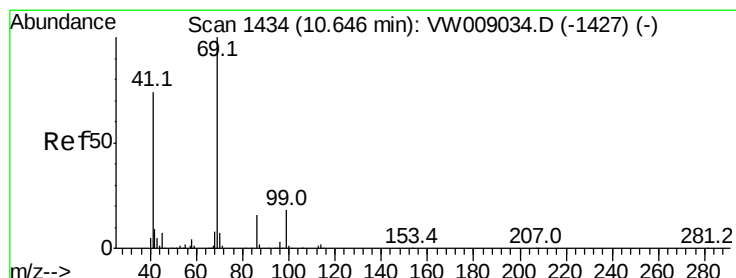
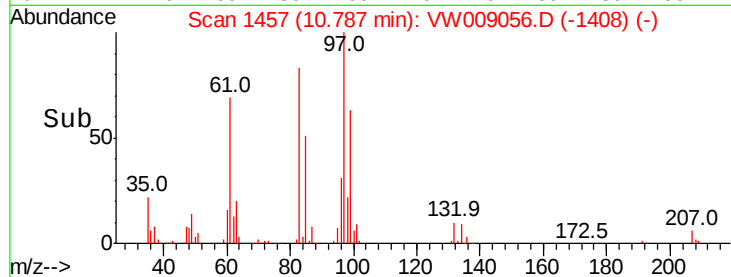
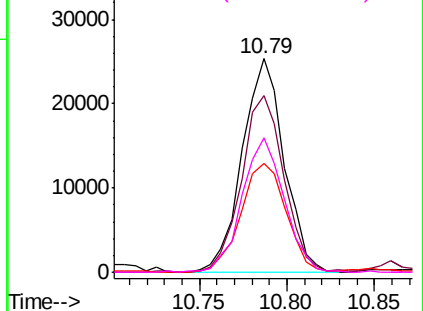
Tot Ion	Ratio	Lower	Upper
97	100		
83	82.5	66.2	99.2
85	50.8	43.6	65.4
99	62.8	49.0	73.4

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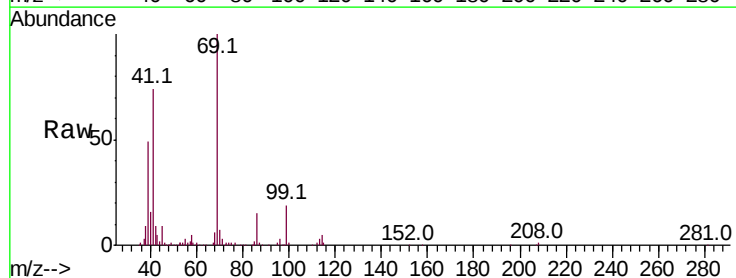


Abundance Ion 96.90 (96.60 to 97.60): VW
 Ion 82.90 (82.60 to 83.60): VW
 Ion 84.90 (84.60 to 85.60): VW
 Ion 98.90 (98.60 to 99.60): VW

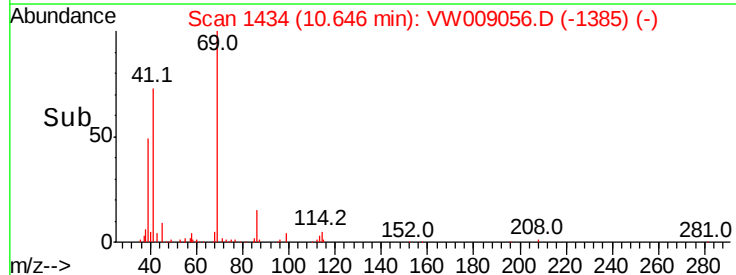
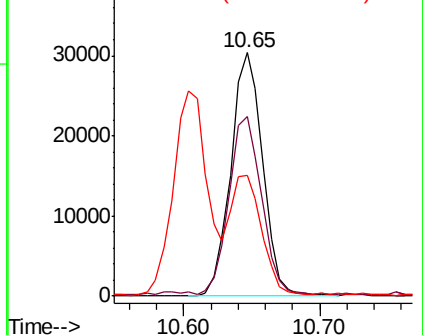


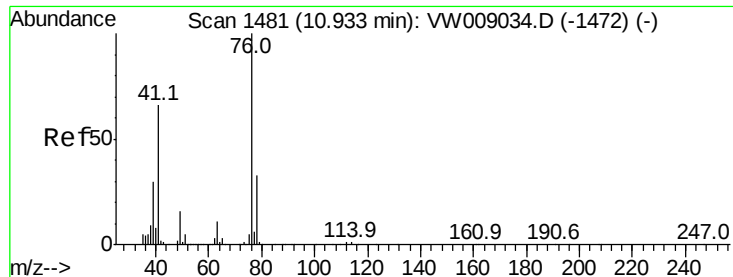
#56
 Ethyl methacrylate
 Concen: 19.995 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.0	59.4	89.2
39	47.1	38.5	57.7



Abundance Ion 69.00 (68.70 to 69.70): VW
 Ion 41.00 (40.70 to 41.70): VW
 Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 21.188 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 76 Resp: 74943

Ion Ratio Lower Upper

76 100

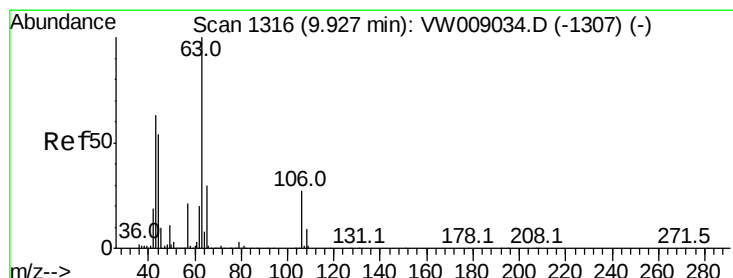
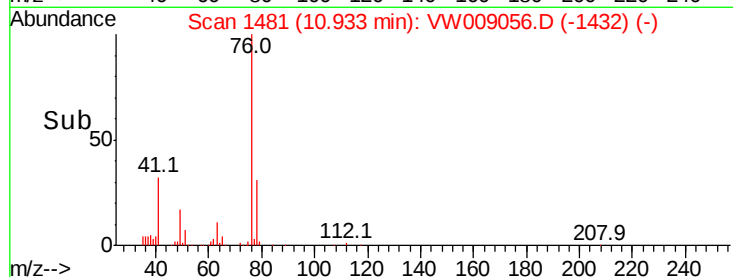
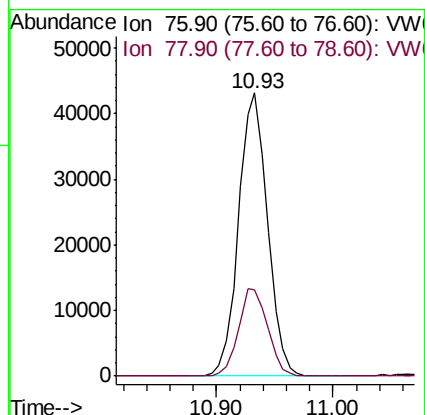
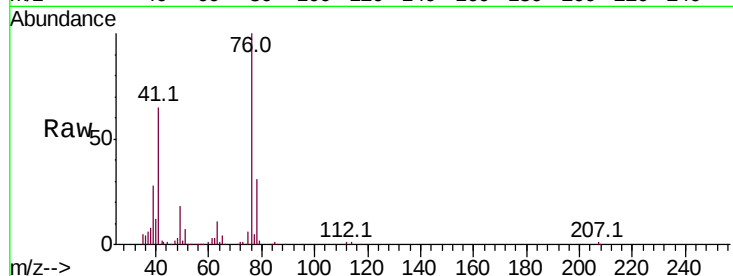
78 31.1 25.7 38.5

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 104.318 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.01 min

Lab File: VW009056.D

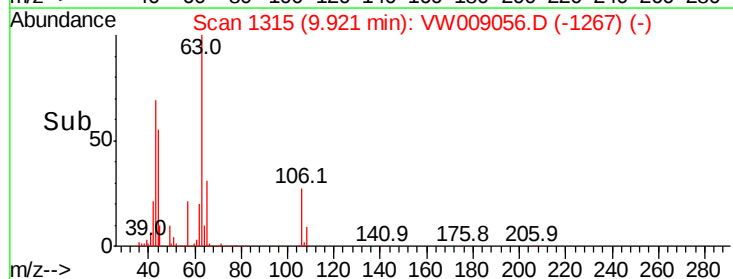
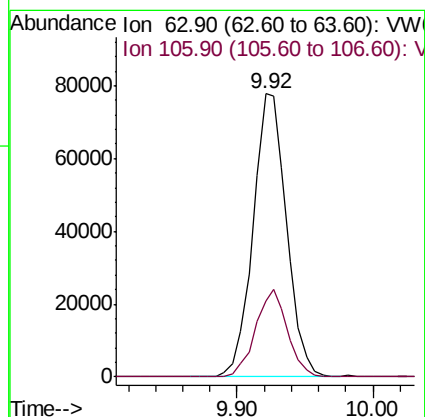
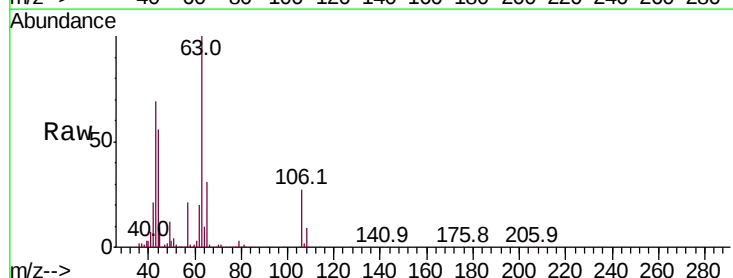
Acq: 08 Mar 2019 15:53

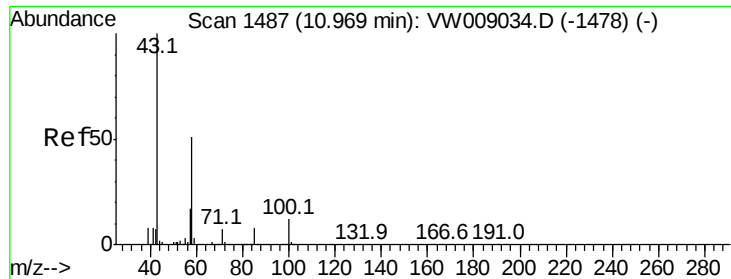
Tgt Ion: 63 Resp: 134010

Ion Ratio Lower Upper

63 100

106 29.6 23.0 34.6





#59

2-Hexanone

Concen: 106.429 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 43 Resp: 134078

Ion Ratio Lower Upper

43 100

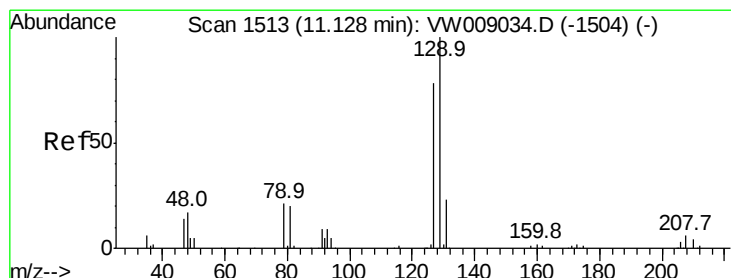
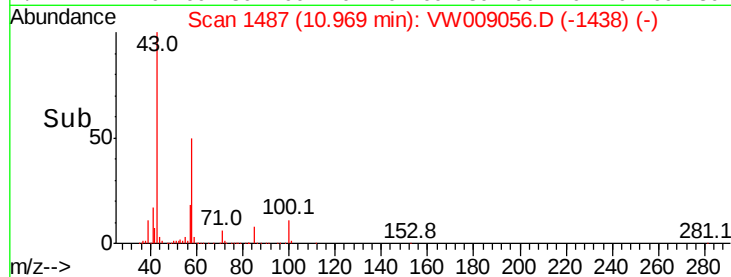
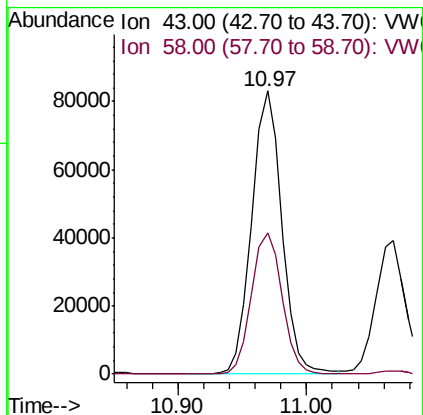
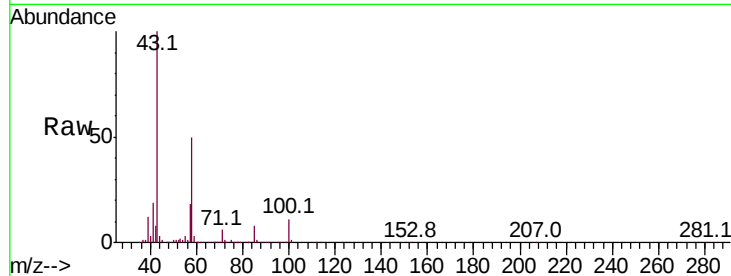
58 50.8 25.3 75.9

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#60

Dibromochloromethane

Concen: 20.738 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VW009056.D

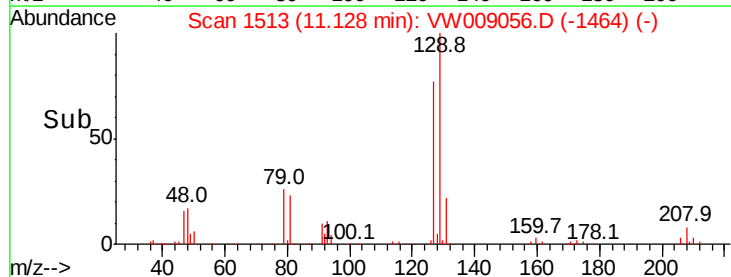
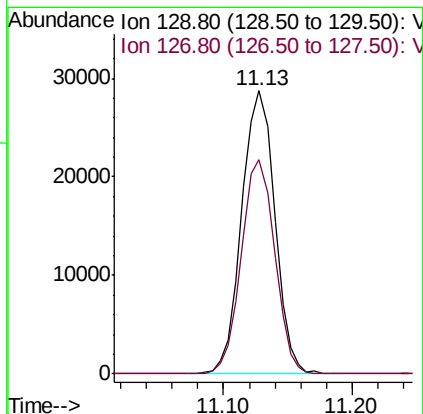
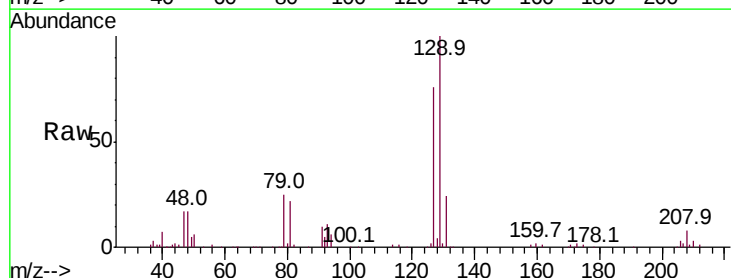
Acq: 08 Mar 2019 15:53

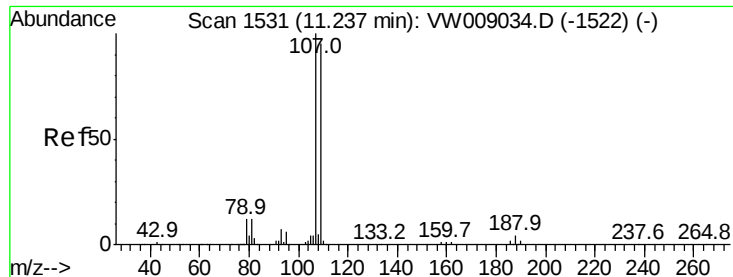
Tgt Ion: 129 Resp: 51242

Ion Ratio Lower Upper

129 100

127 76.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 20.690 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion:107 Resp: 40498

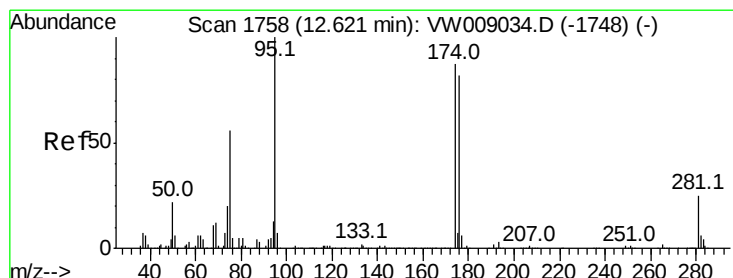
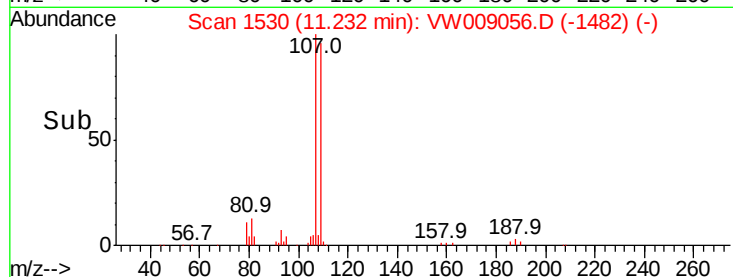
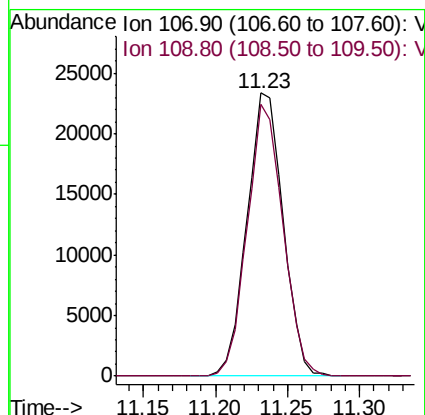
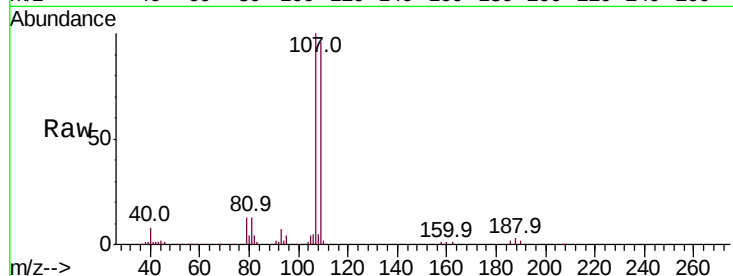
Ion Ratio Lower Upper

107 100

109 95.0 74.7 112.1

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#62

4-Bromofluorobenzene

Concen: 47.817 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

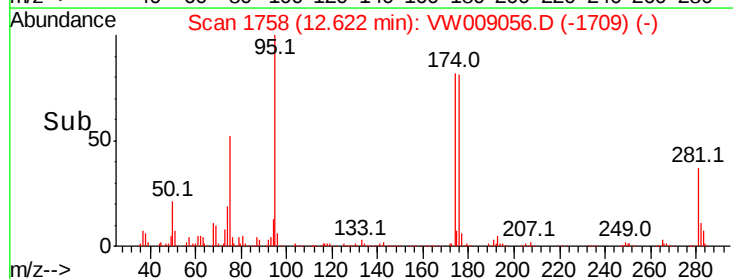
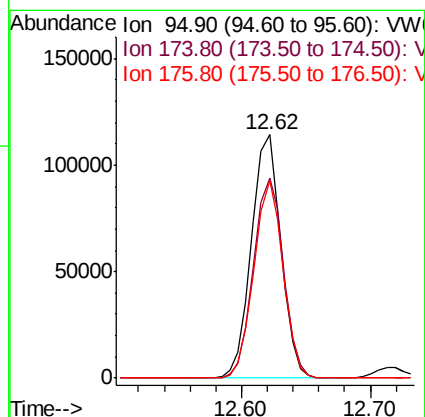
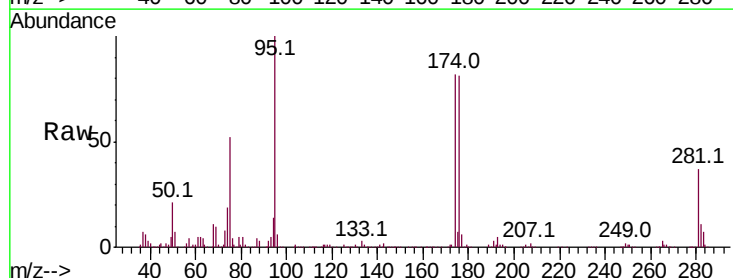
Tgt Ion: 95 Resp: 179607

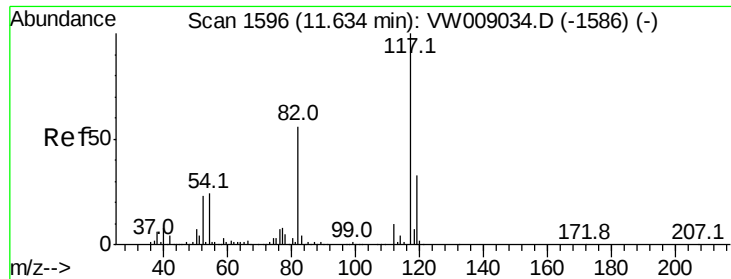
Ion Ratio Lower Upper

95 100

174 83.7 0.0 167.0

176 80.5 0.0 159.4





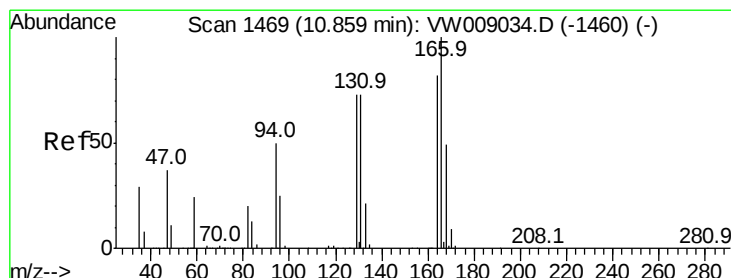
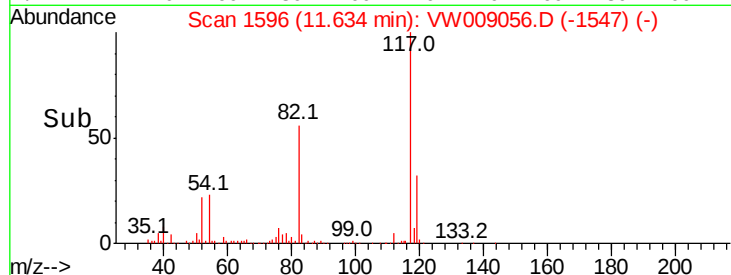
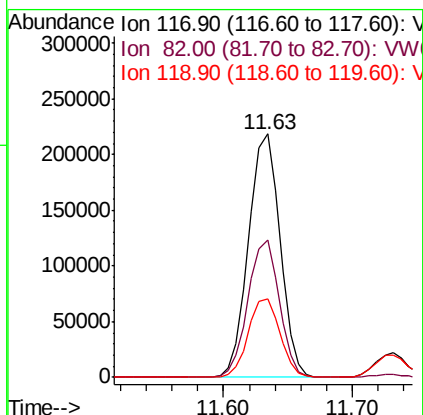
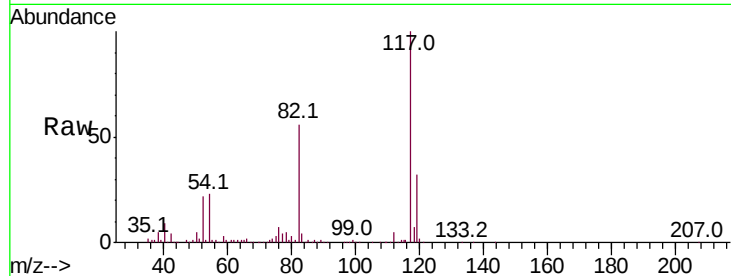
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100			
82	56.3	45.0	67.6	
119	32.2	26.6	39.8	

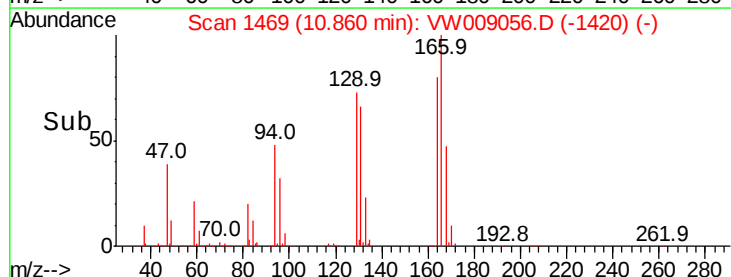
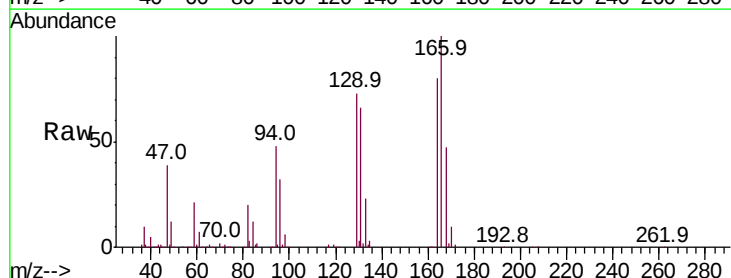
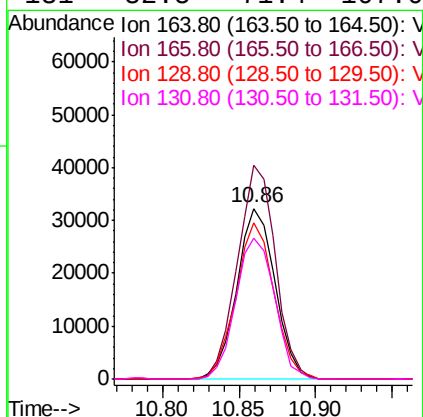
Manual Integrations
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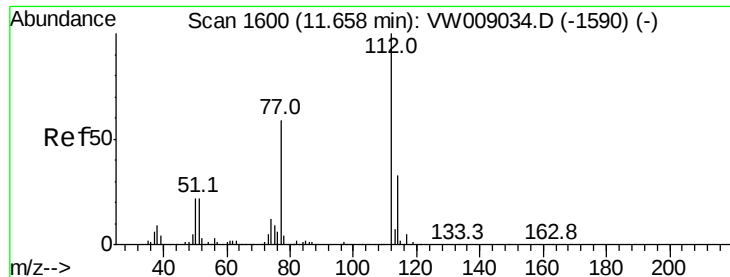
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#64
Tetrachloroethene
Concen: 20.964 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
166	125.4	97.8	146.6	
129	91.9	71.6	107.4	
131	82.5	71.4	107.0	





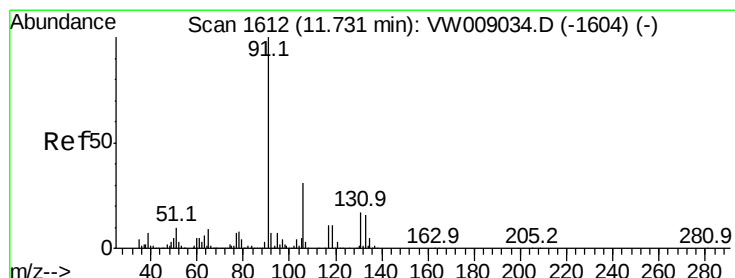
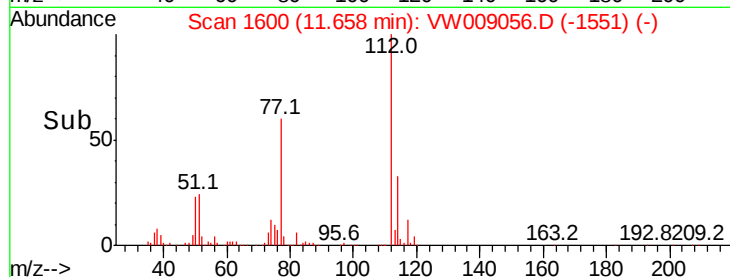
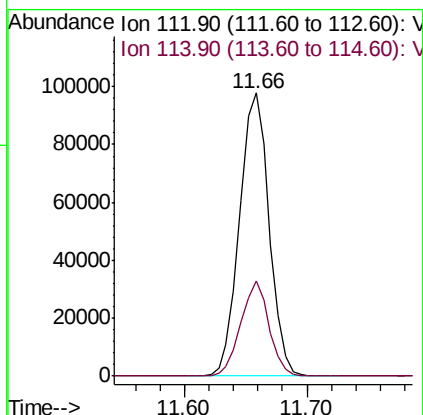
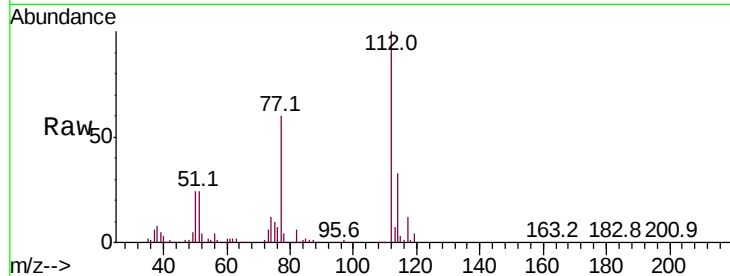
#65
Chlorobenzene
Concen: 20.400 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion:112 Resp: 164125
Ion Ratio Lower Upper
112 100
114 33.4 26.6 40.0

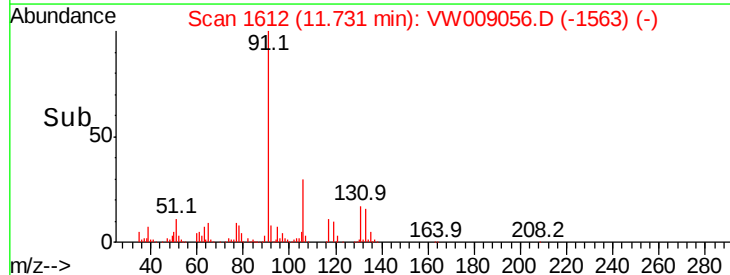
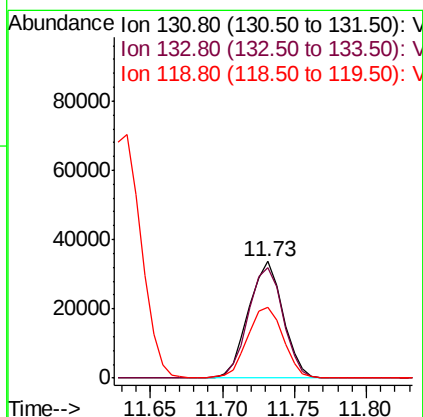
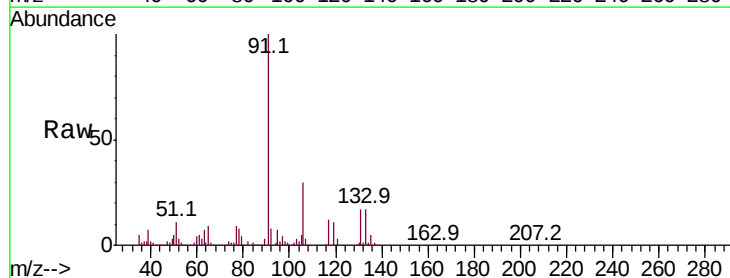
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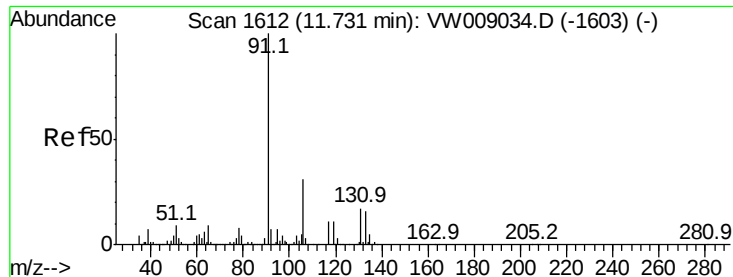
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.853 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion:131 Resp: 56018
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.8
119 63.6 31.3 93.8





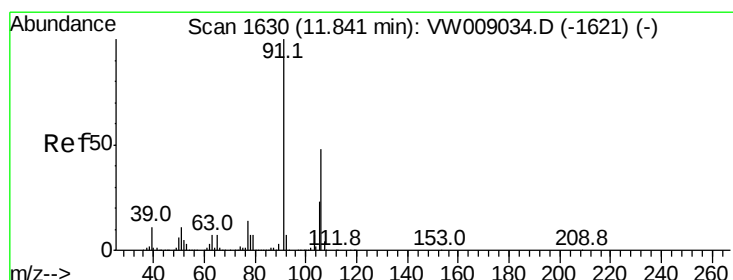
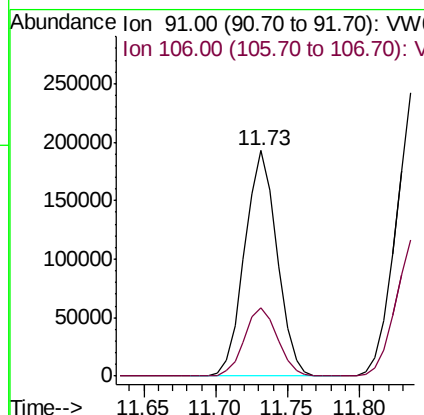
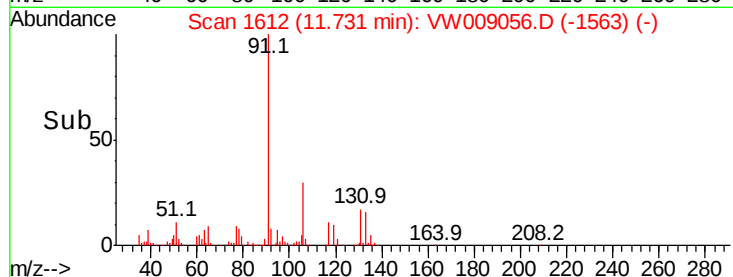
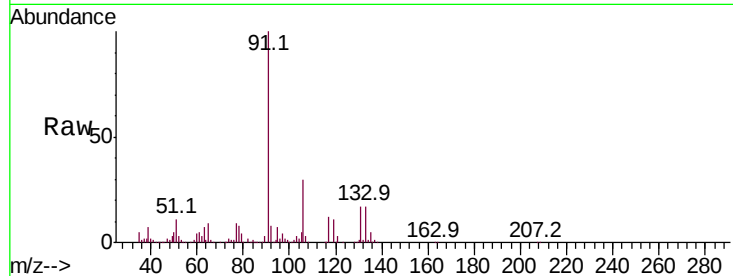
#67
Ethyl Benzene
Concen: 20.648 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion: 91 Resp: 300097
Ion Ratio Lower Upper
91 100
106 30.2 25.0 37.4

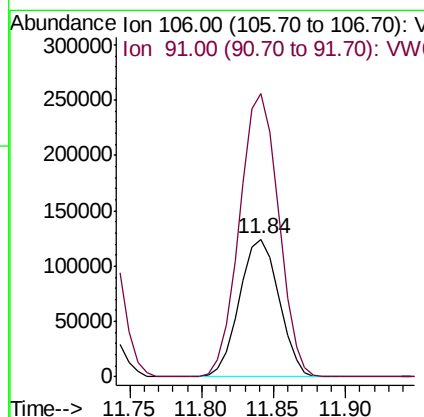
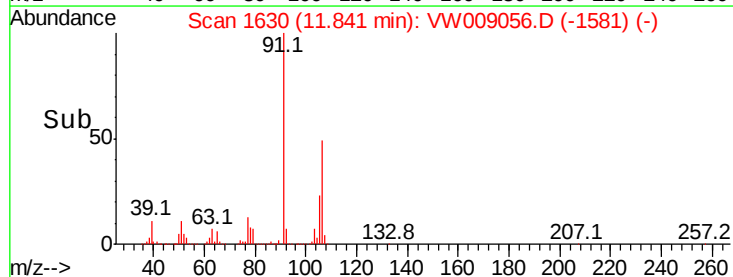
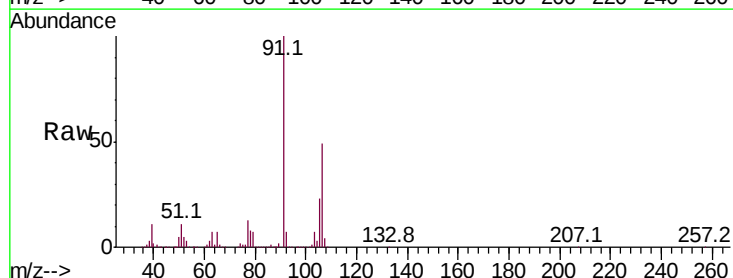
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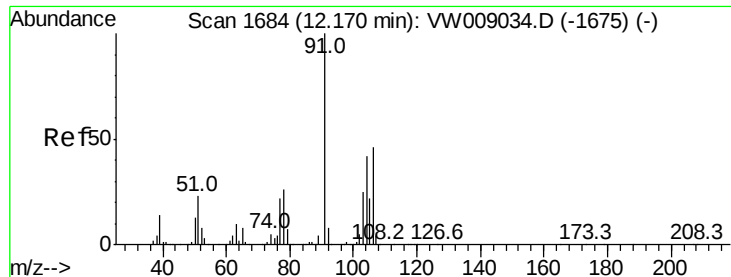
MMDadoda
3/11/2019 2:53:28 PM



#68
m/p-Xylenes
Concen: 41.408 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion: 106 Resp: 237552
Ion Ratio Lower Upper
106 100
91 203.5 163.2 244.8





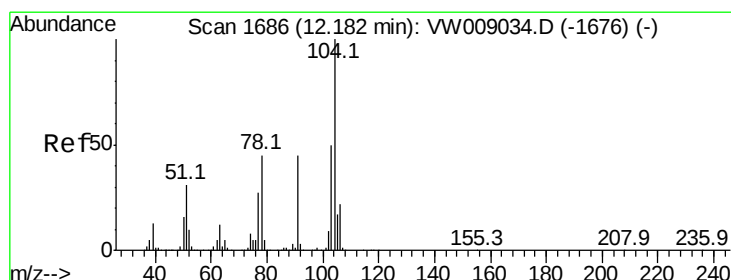
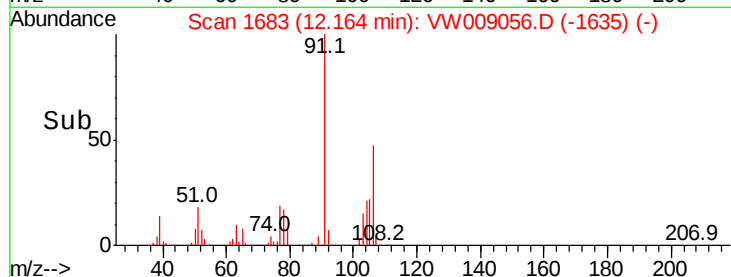
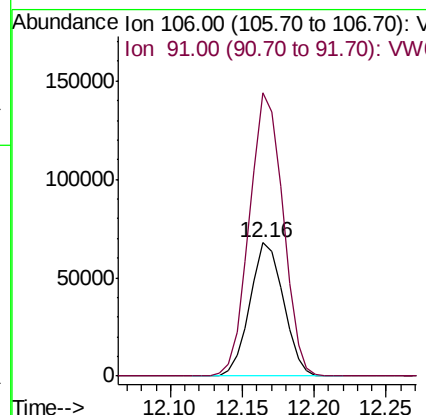
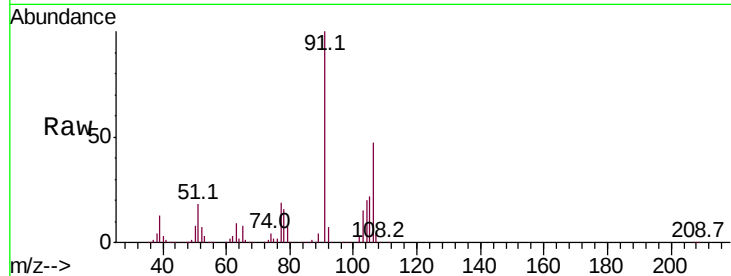
#69
o-Xylene
Concen: 20.493 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.8	108.6	325.6

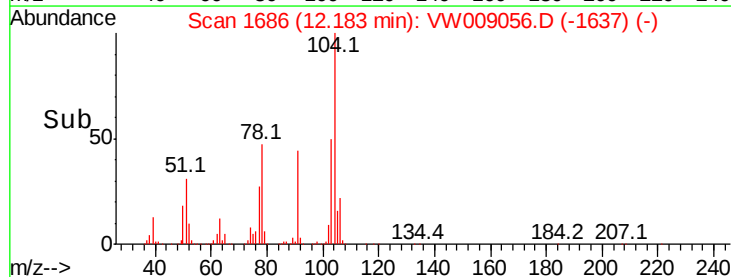
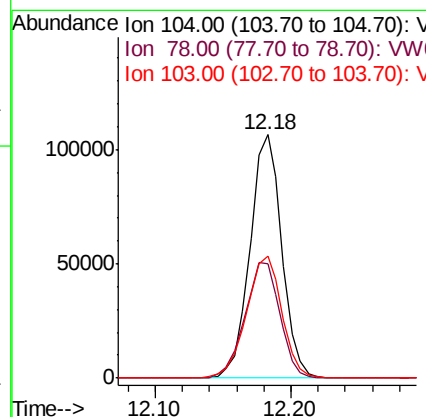
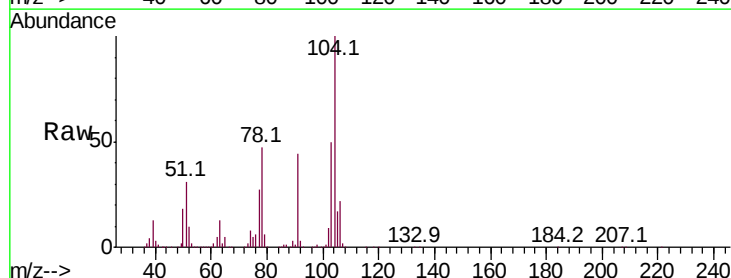
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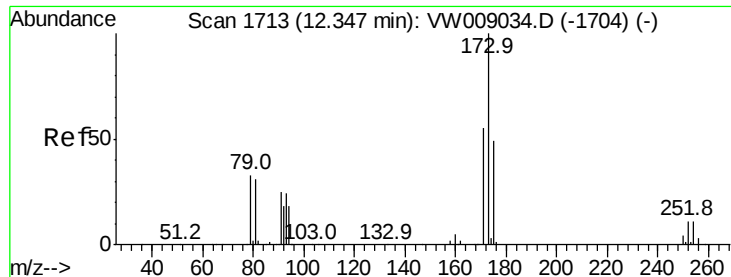
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#70
Styrene
Concen: 20.186 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.5	42.1	63.1
103	55.7	43.9	65.9





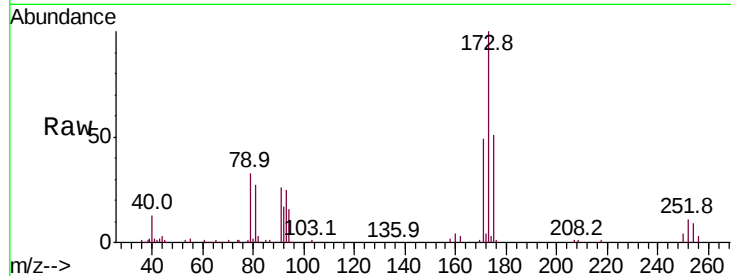
#71
Bromoform
Concen: 20.588 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleId :
VW0308SBS01

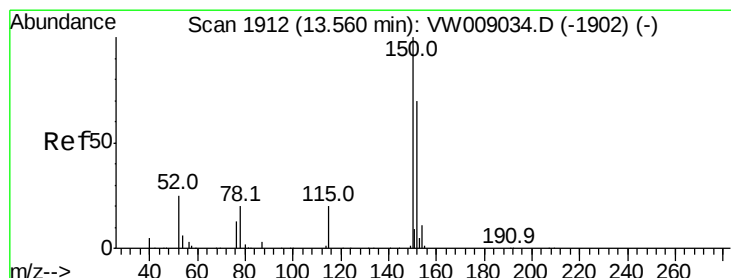
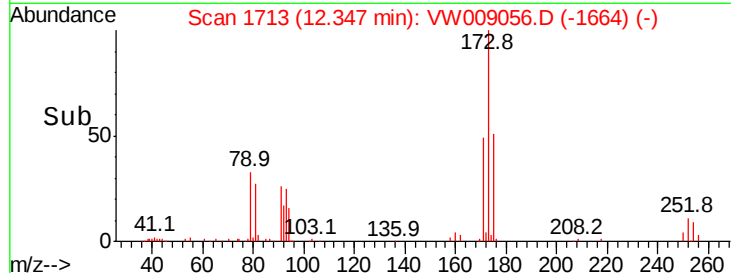
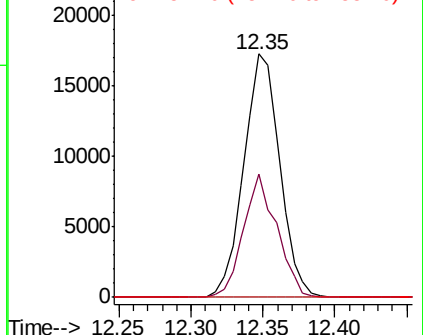
Tot Ion	Ratio	Lower	Upper
173	100		
175	47.1	24.6	74.0
254	0.1	0.0	0.0

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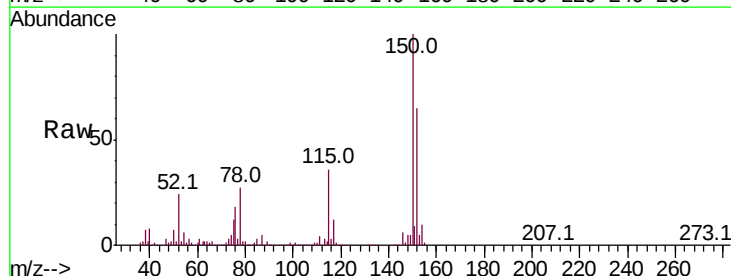


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

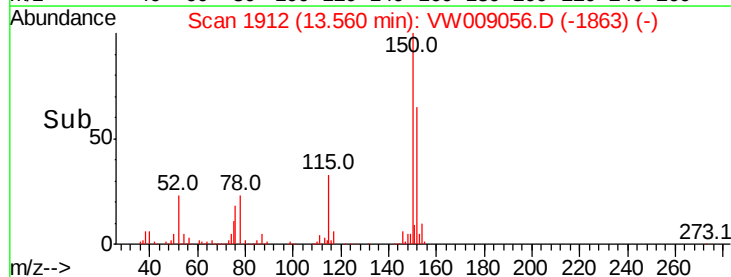
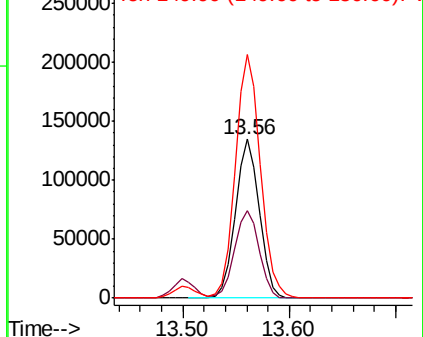


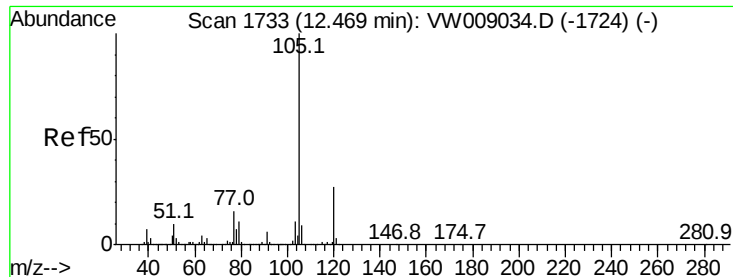
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	28.9	86.7
150	161.0	0.0	349.2



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





#73

Isopropylbenzene

Concen: 19.871 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion:105 Resp: 300931

Ion Ratio Lower Upper

105 100

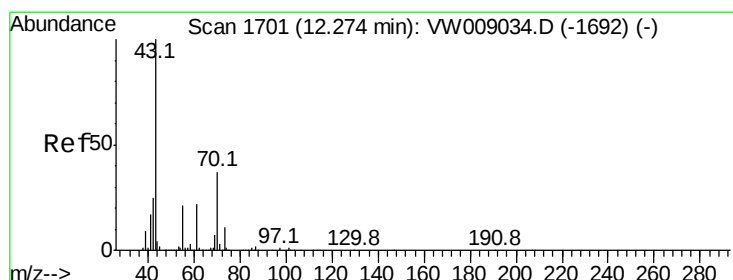
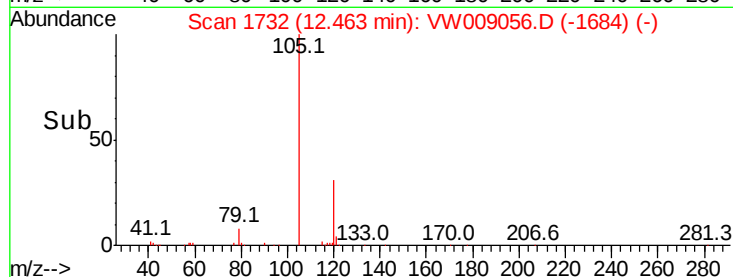
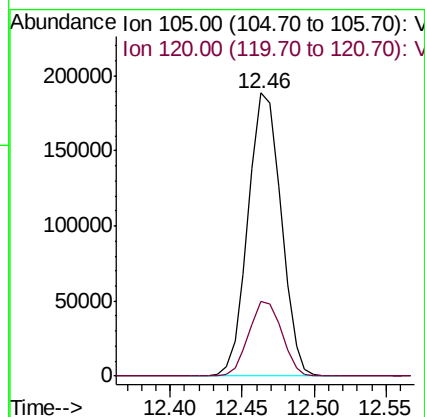
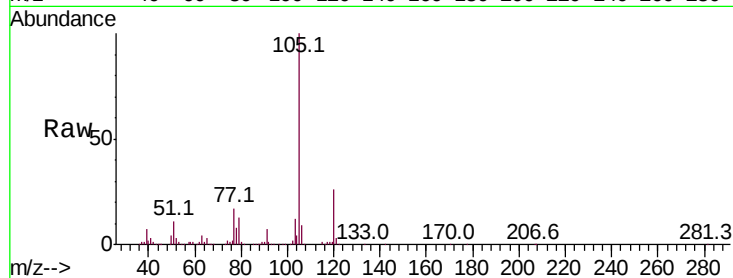
120 26.3 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.947 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion: 43 Resp: 71512

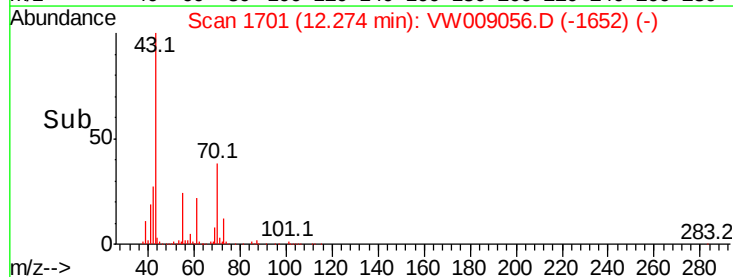
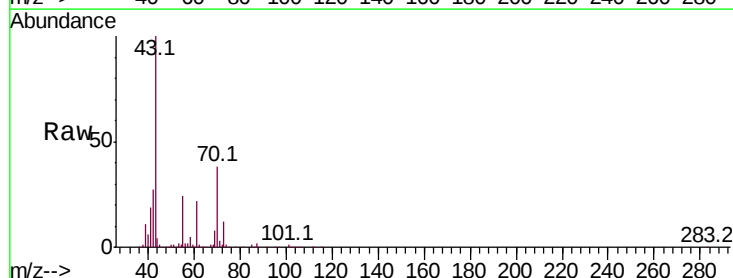
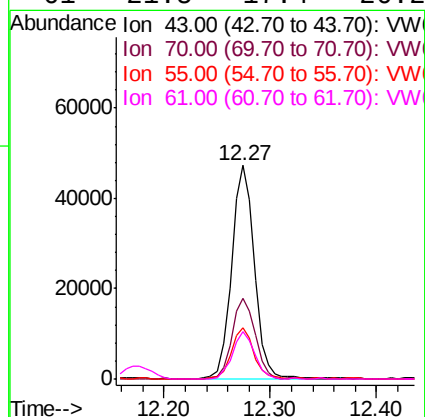
Ion Ratio Lower Upper

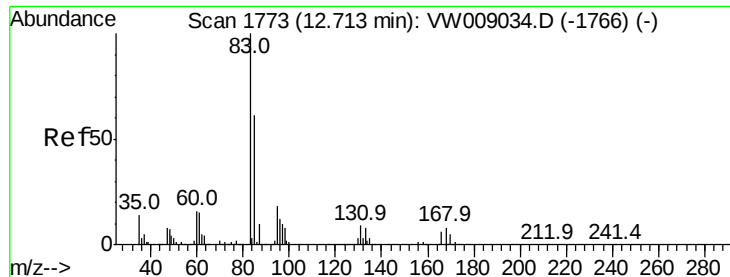
43 100

70 38.7 30.8 46.2

55 23.4 17.8 26.8

61 21.5 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 20.922 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

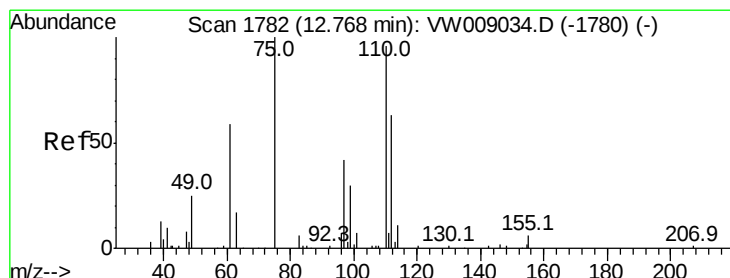
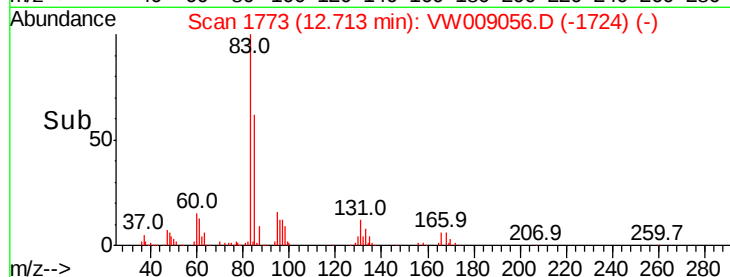
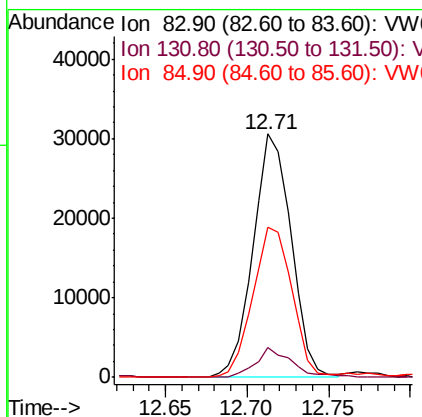
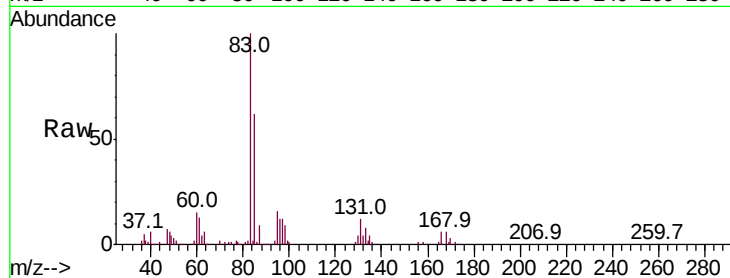
ClientSampleId :

VW0308SBS01

Tot Ion:	83	Resp:	49980
Ion Ratio	Lower	Upper	
83	100		
131	11.7	5.5	16.7
85	63.5	31.7	95.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 25.642 ug/l m

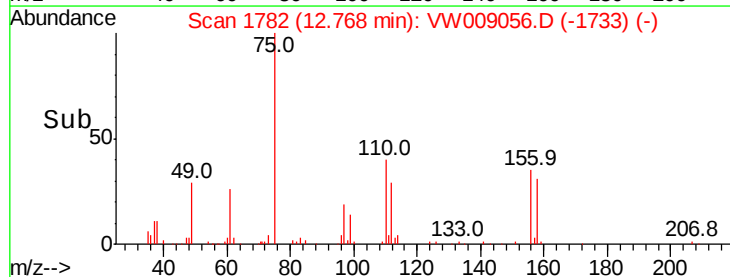
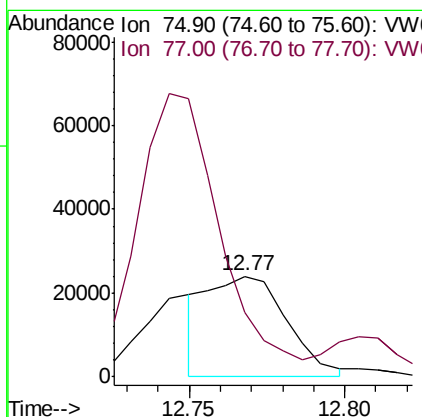
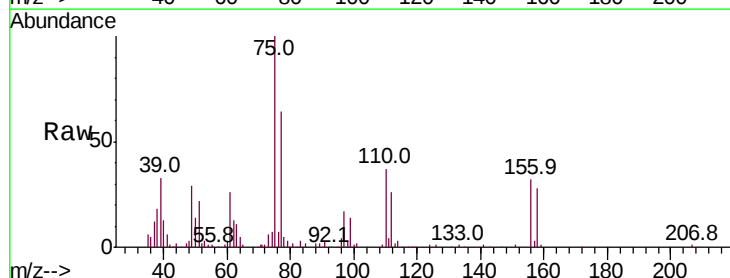
RT: 12.77 min Scan# 1782

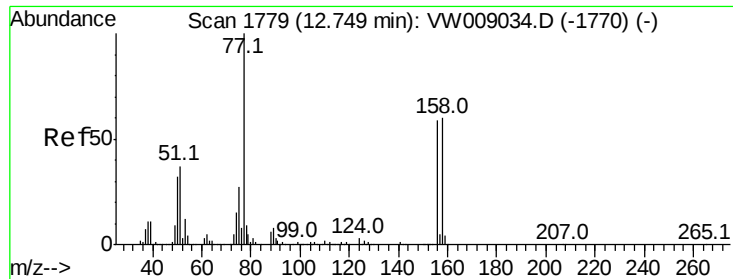
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	75	Resp:	42843
Ion Ratio	Lower	Upper	
75	100		
77	0.0	186.7	560.0#





#77

Bromobenzene

Concen: 20.177 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

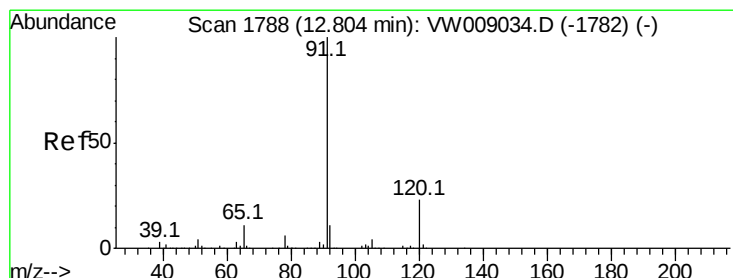
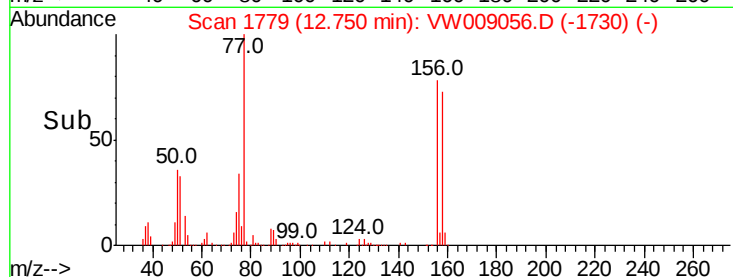
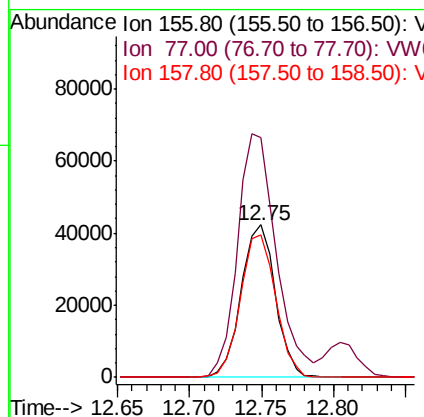
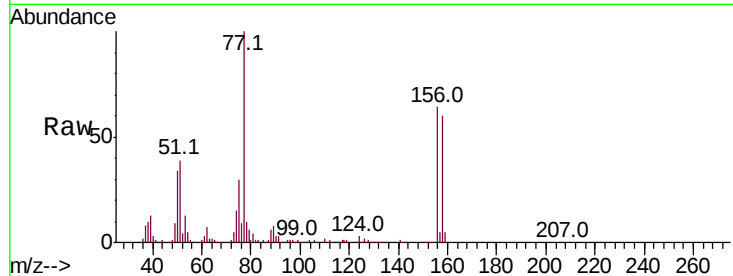
ClientSampleId :

VW0308SBS01

Tot Ion:	156	Resp:	69816
Ion Ratio	Lower	Upper	
156	100		
77	180.6	93.0	279.2
158	96.1	50.0	149.8

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#78

n-propylbenzene

Concen: 20.092 ug/l

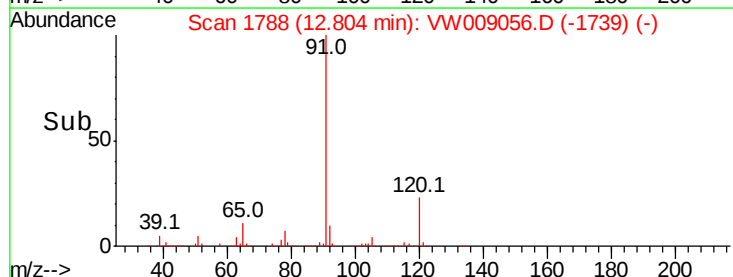
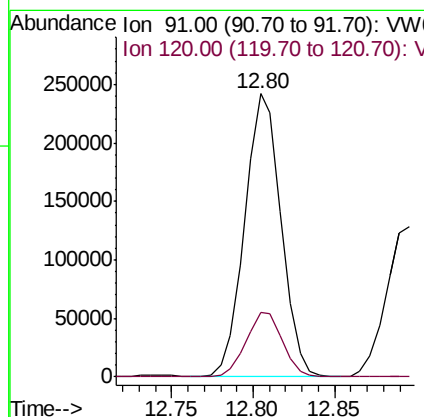
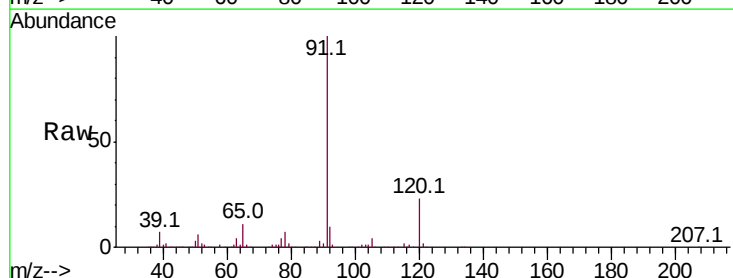
RT: 12.80 min Scan# 1788

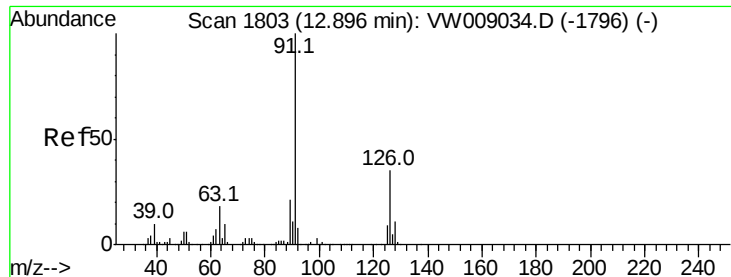
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	91	Resp:	374793
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.4	34.2





#79

2-Chlorotoluene

Concen: 19.910 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion: 91 Resp: 208664

Ion Ratio Lower Upper

91 100

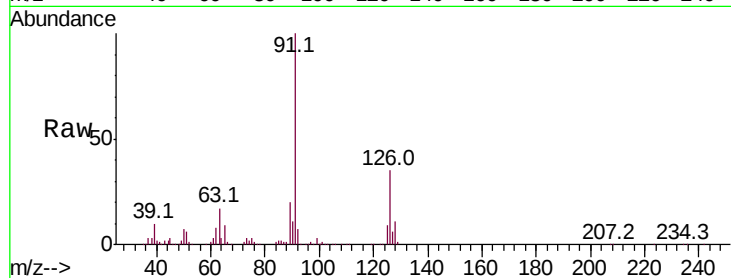
126 33.9 16.8 50.4

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

150000

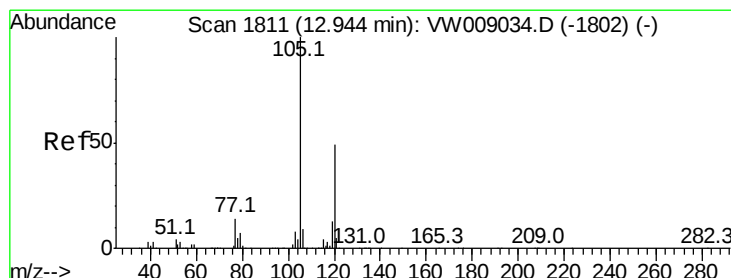
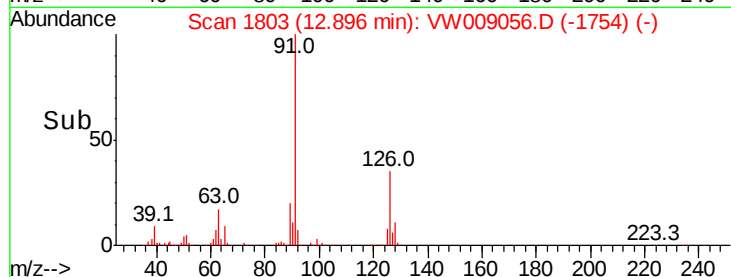
100000

50000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.040 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009056.D

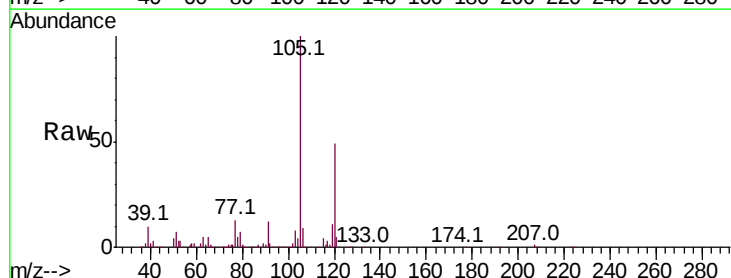
Acq: 08 Mar 2019 15:53

Tgt Ion:105 Resp: 261599

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

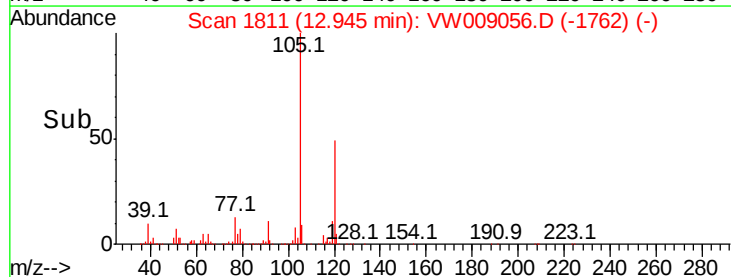
100000

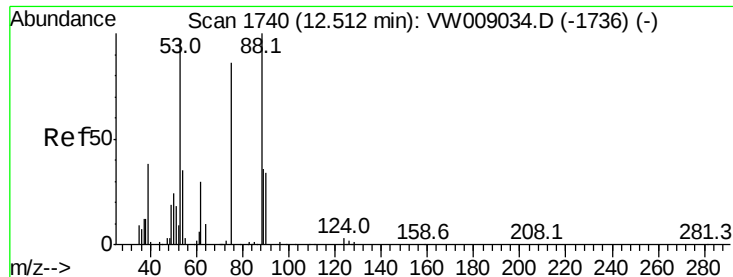
50000

0

12.85 12.90 12.95 13.00

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 19.523 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

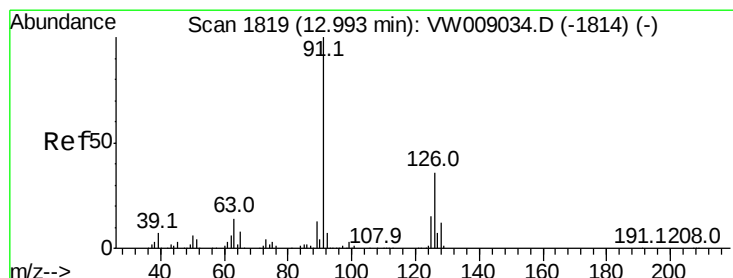
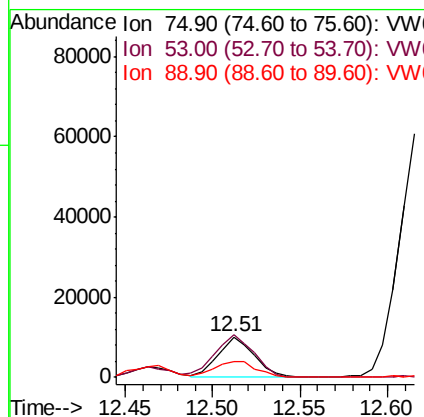
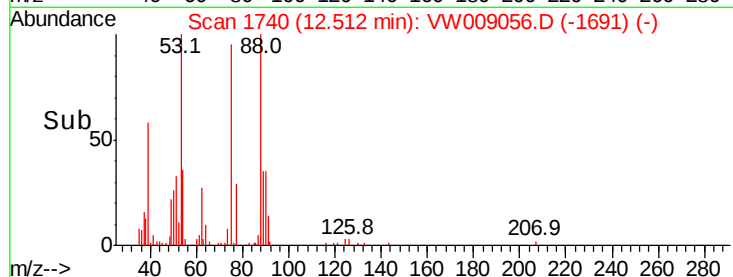
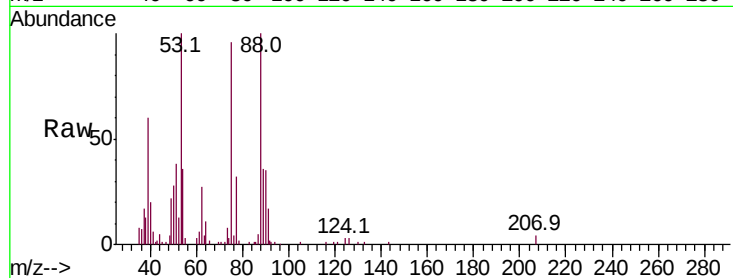
ClientSampleId :

VW0308SBS01

Tot Ion:	75	Resp:	14584
Ion	Ratio	Lower	Upper
75	100		
53	113.4	90.5	135.7
89	46.0	37.5	56.3

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#82

4-Chlorotoluene

Concen: 20.104 ug/l

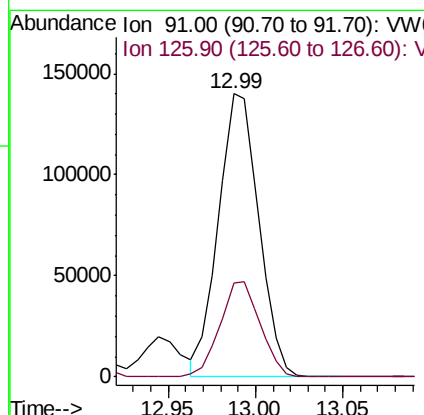
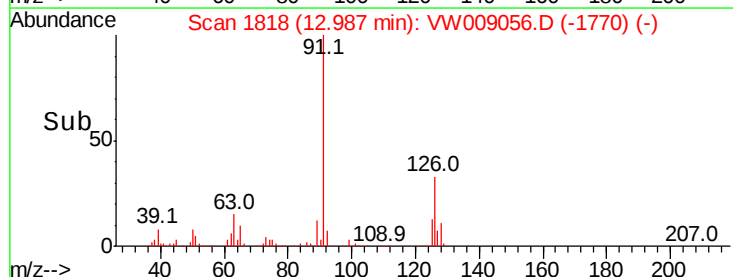
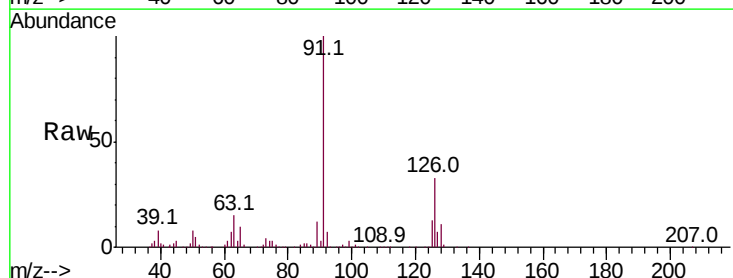
RT: 12.99 min Scan# 1818

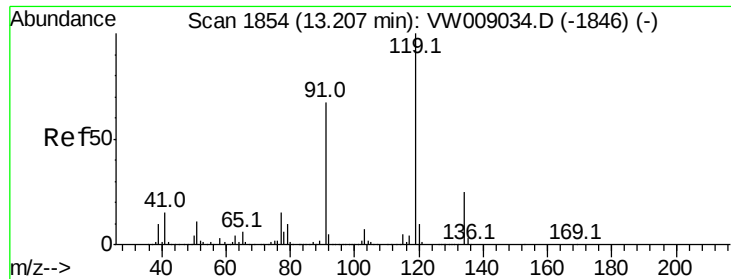
Delta R.T. -0.01 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	91	Resp:	224602
Ion	Ratio	Lower	Upper
91	100		
126	33.8	16.6	49.8





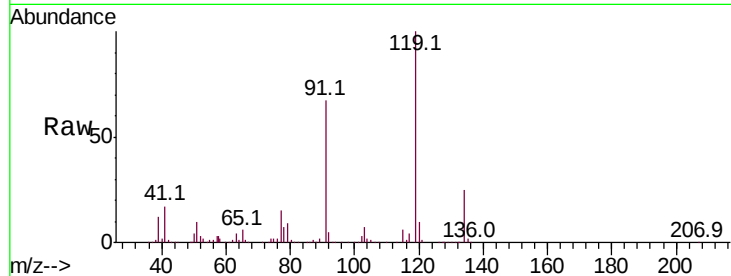
#83
tert-Butylbenzene
Concen: 20.051 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampled :
VW0308SBS01

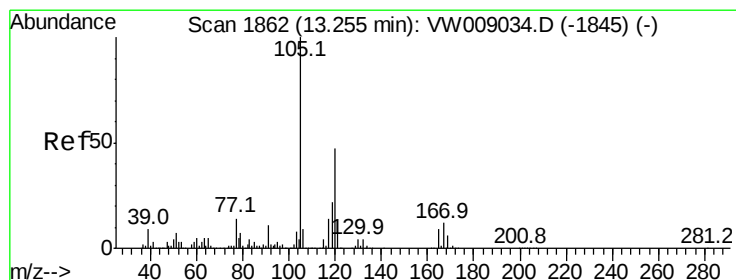
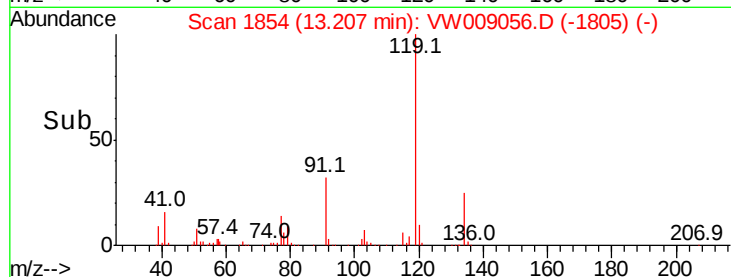
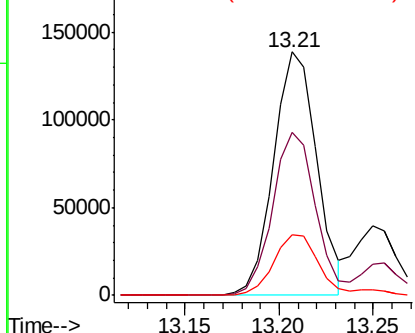
Tot Ion	Ratio	Resp	Lower	Upper
119	100	220758		
91	67.3		34.2	102.5
134	27.6		13.9	41.6

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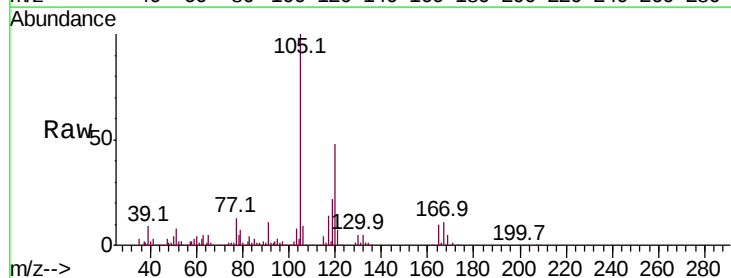


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

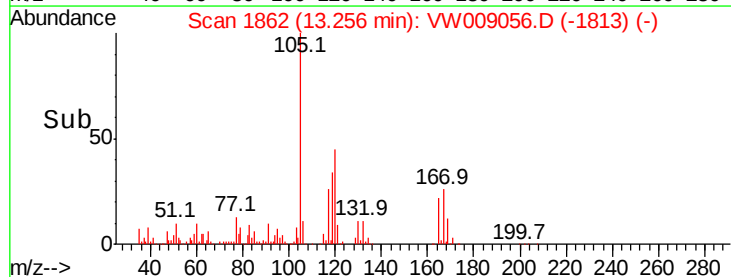
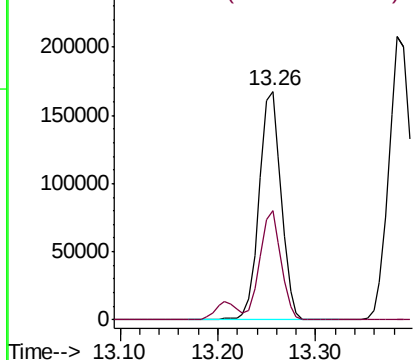


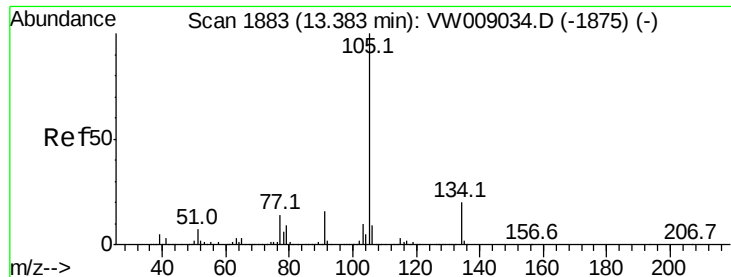
#84
1,2,4-Trimethylbenzene
Concen: 19.787 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	261296		
120	45.9		22.8	68.4



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.993 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

ClientSampleId :

VW0308SBS01

Tot Ion:105 Resp: 326124

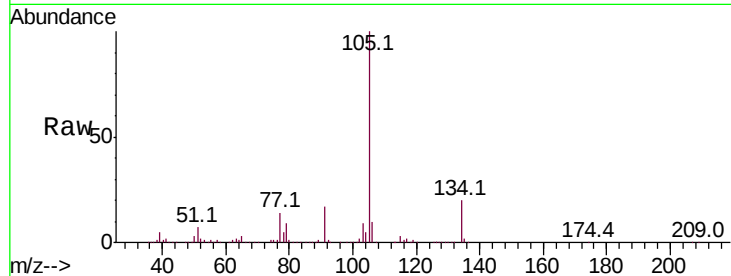
Ion Ratio Lower Upper

105 100

134 21.0 10.0 30.0

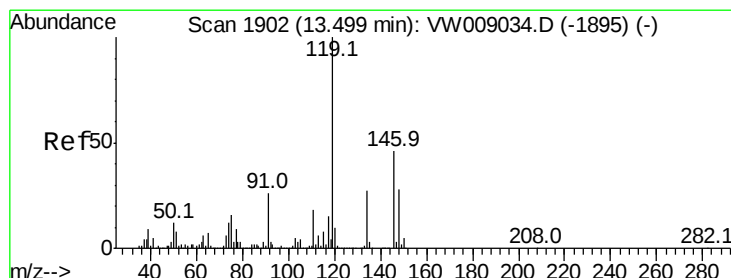
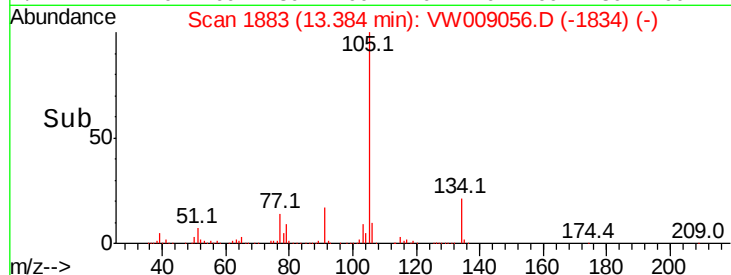
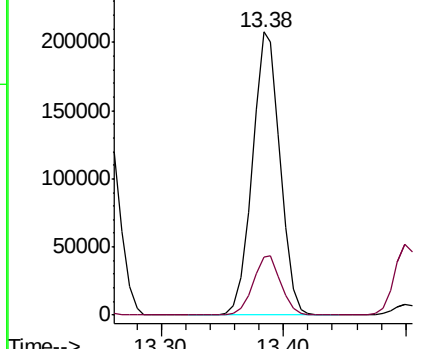
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.895 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

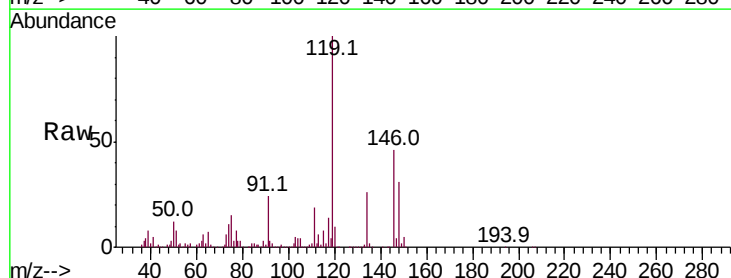
Tgt Ion:119 Resp: 290314

Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.9

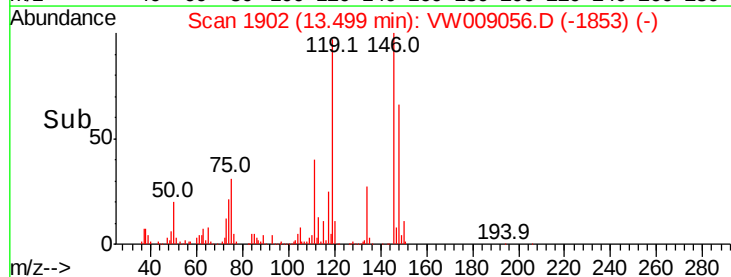
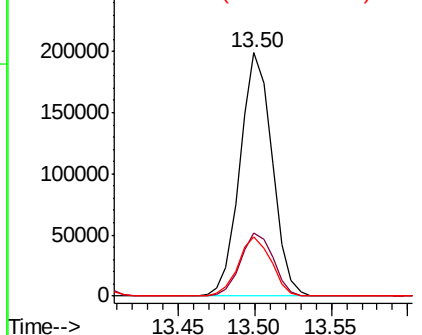
91 24.9 12.3 36.9

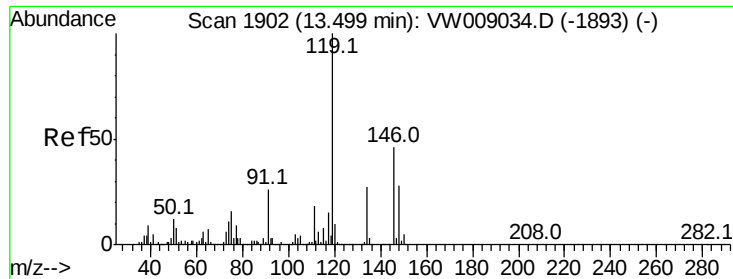


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 20.196 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

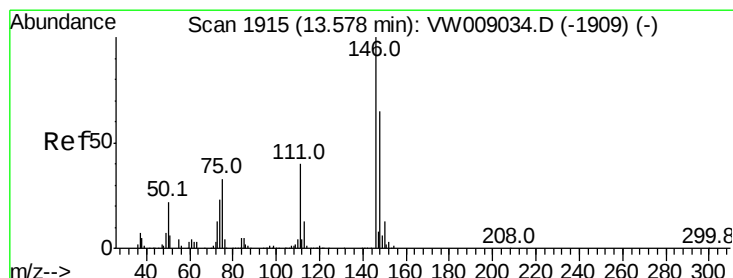
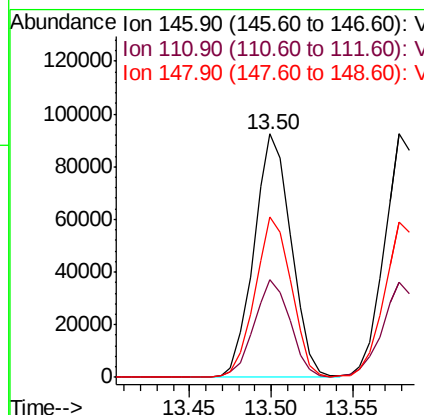
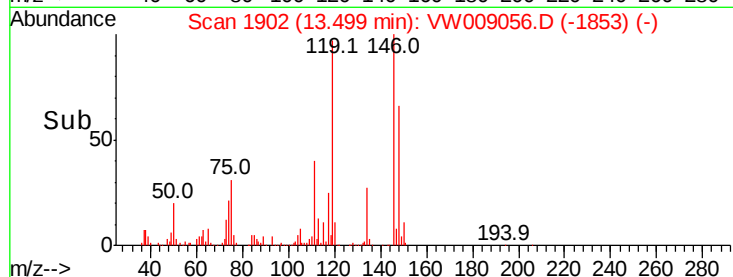
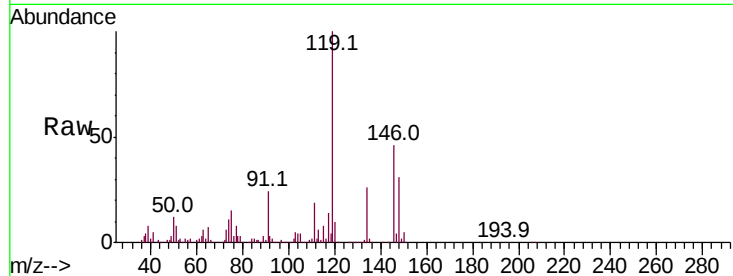
Instrument :
MSVOA_W

ClientSampleId :
VW0308SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	146865		
111	39.0	19.8	59.4	
148	64.2	31.6	94.8	

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#88

1,4-Dichlorobenzene

Concen: 20.419 ug/l

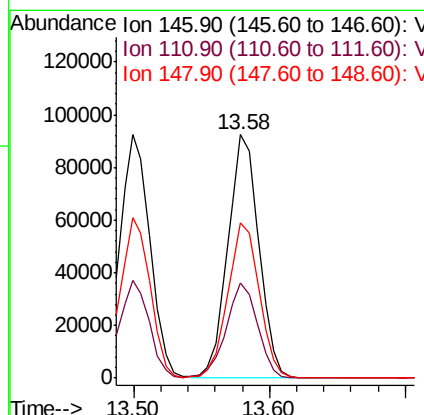
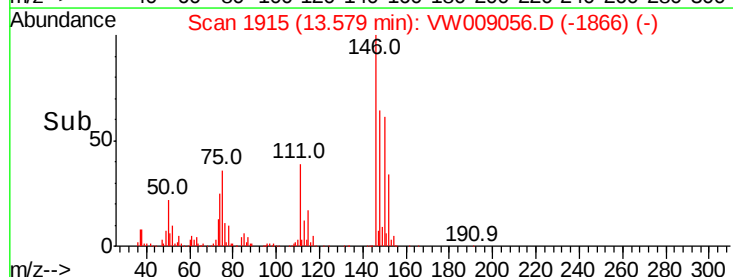
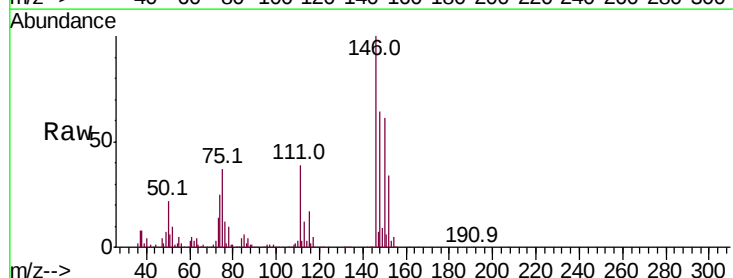
RT: 13.58 min Scan# 1915

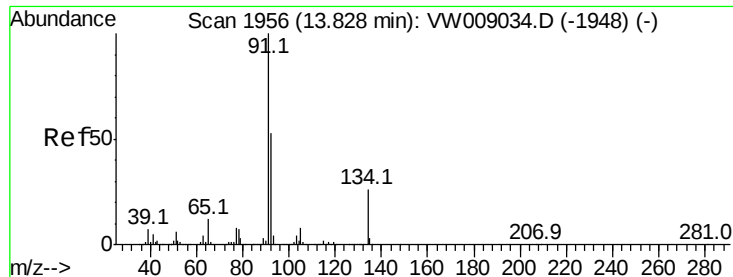
Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	146744		
111	39.7	19.7	59.0	
148	64.7	32.2	96.6	





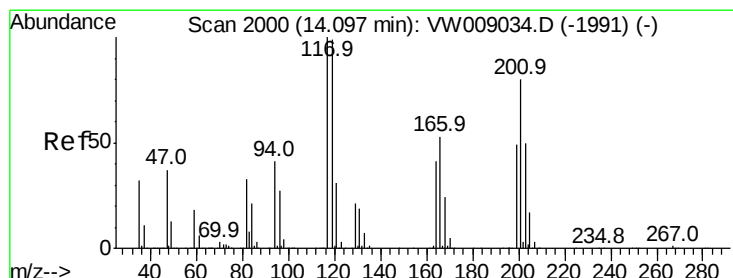
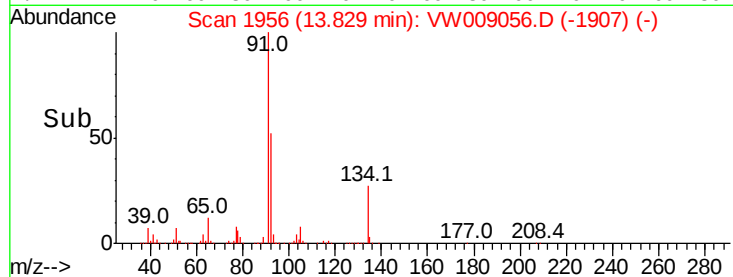
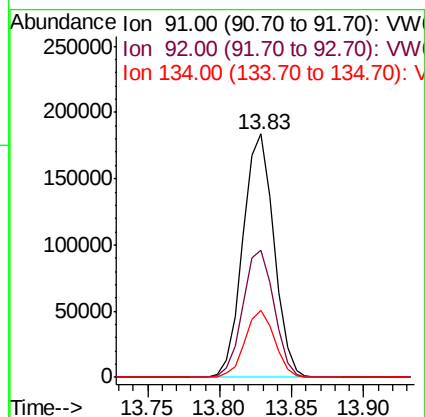
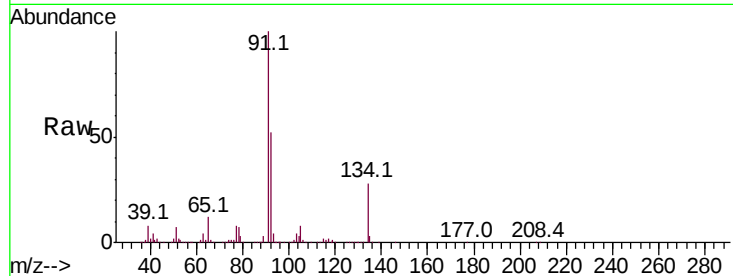
#89
n-Butylbenzene
Concen: 19.812 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Instrument :
MSVOA_W
ClientSampleID :
VW0308SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.8	80.3
134	26.4	12.9	38.7

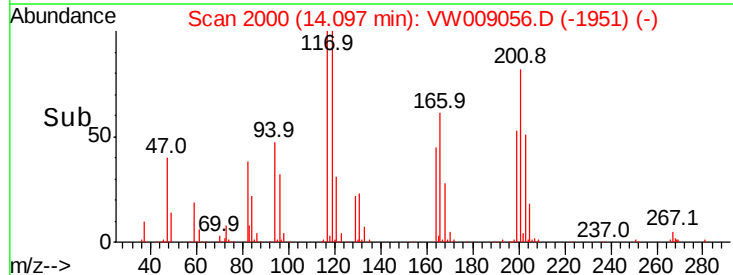
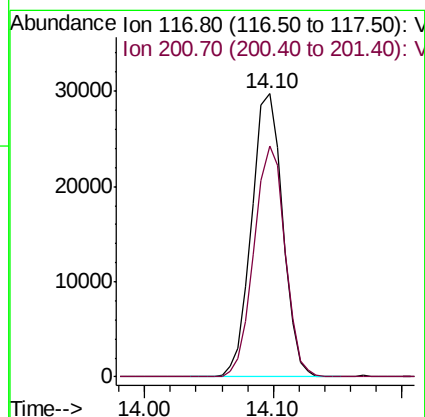
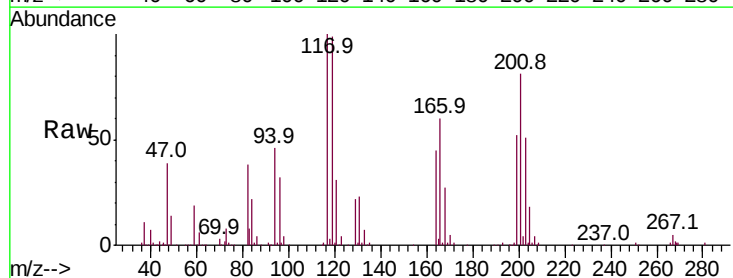
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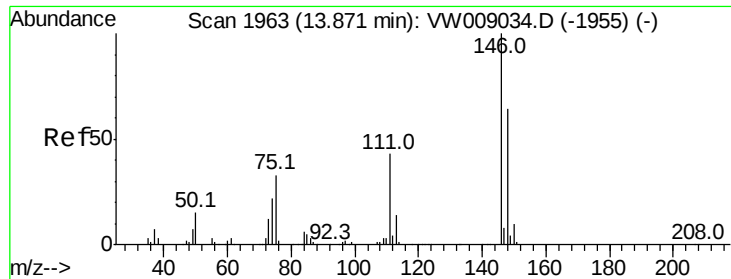
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#90
Hexachloroethane
Concen: 19.651 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW009056.D
Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.5	39.1	117.5





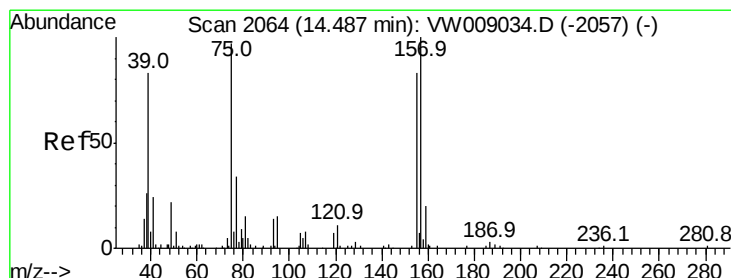
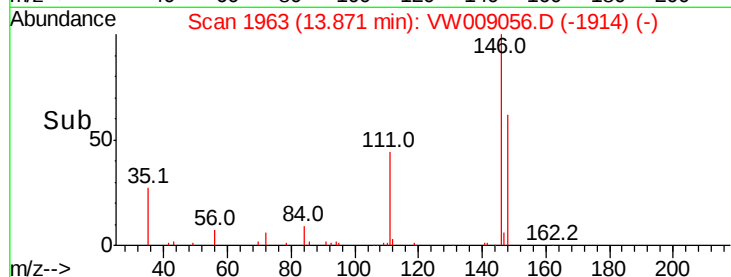
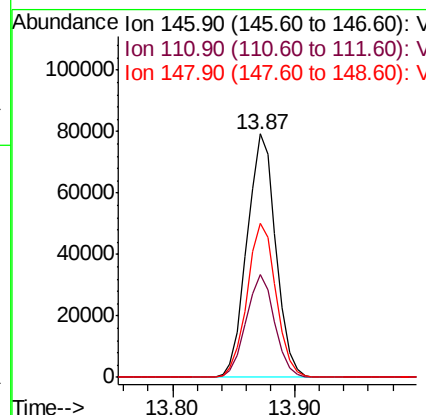
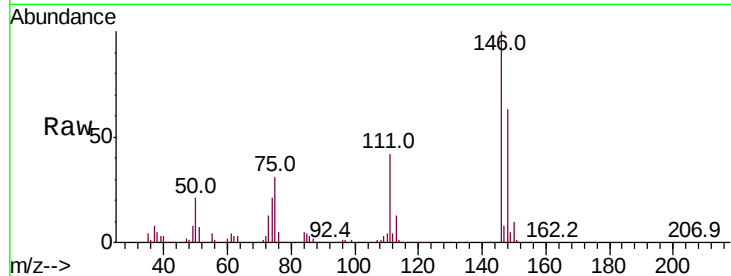
#91
 1,2-Dichlorobenzene
 Concen: 20.198 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.1
148	63.5	32.3	96.9

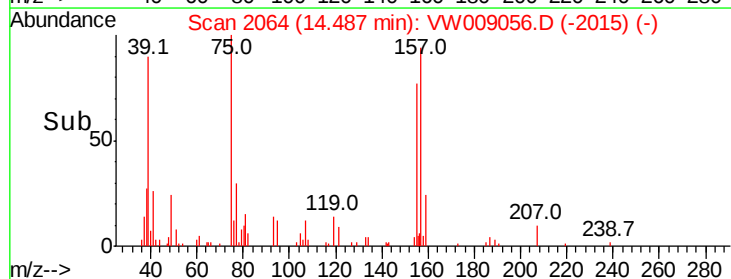
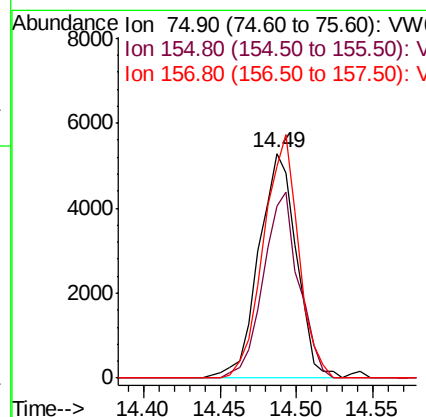
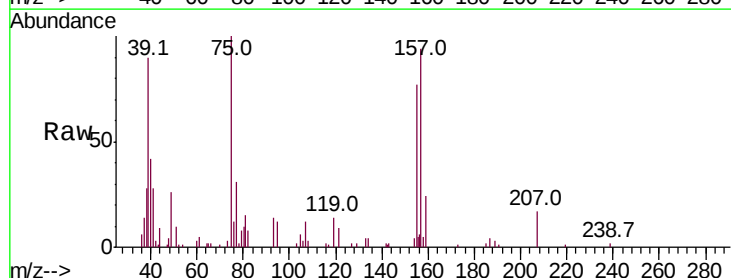
Manual Integrations
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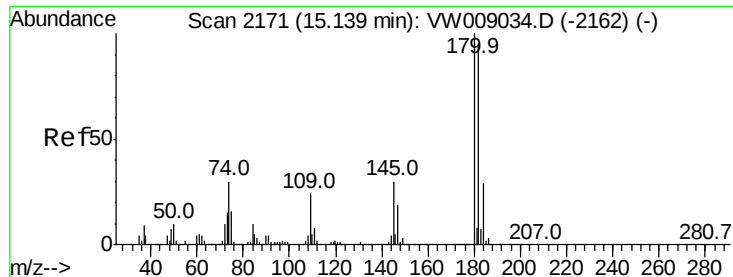
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.318 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.2	40.8	122.4
157	100.7	52.4	157.3





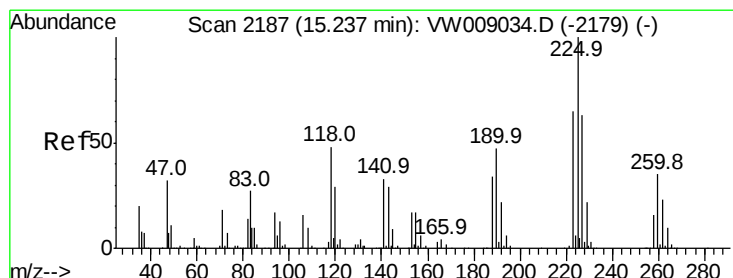
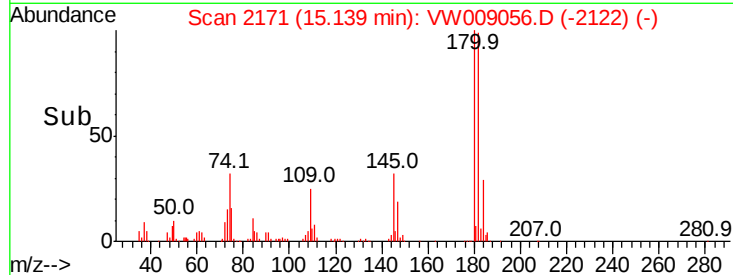
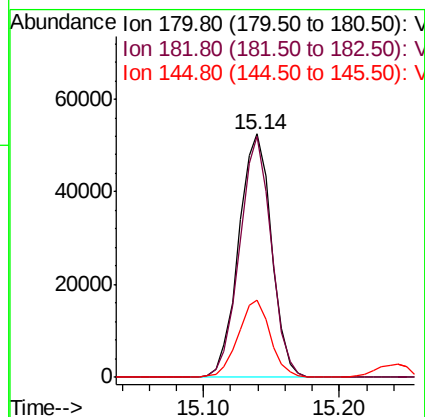
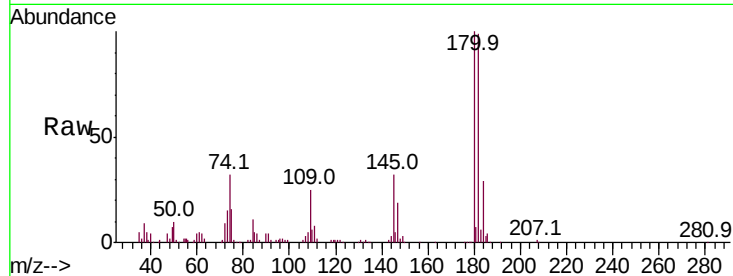
#93
 1,2,4-Trichlorobenzene
 Concen: 20.383 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Instrument :
 MSVOA_W
 ClientSampled :
 VW0308SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.1	48.1	144.3	
145	31.0	15.4	46.1	

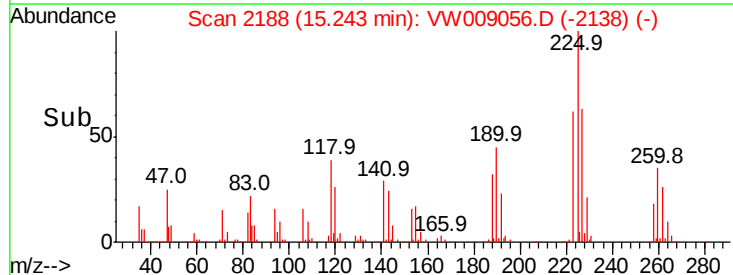
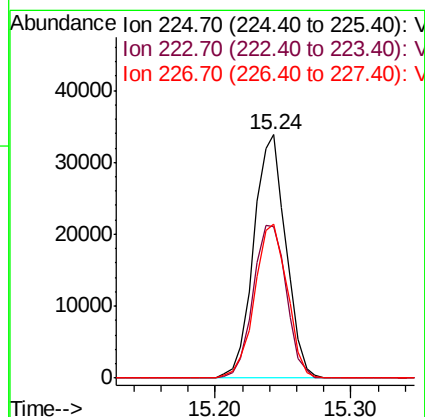
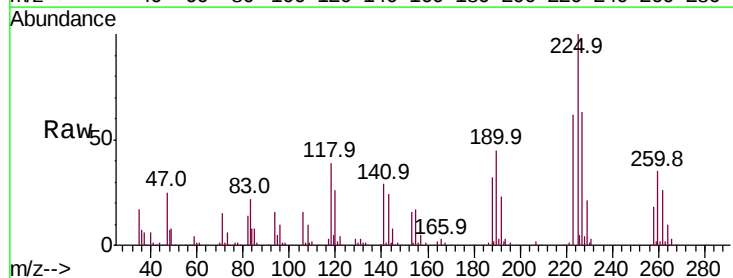
Manual Integrations
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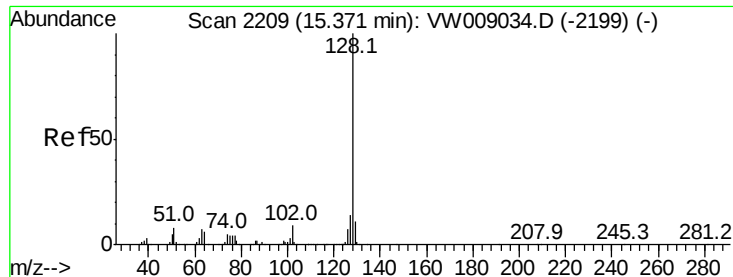
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 3/11/2019 2:53:28 PM



#94
 Hexachlorobutadiene
 Concen: 20.723 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.01 min
 Lab File: VW009056.D
 Acq: 08 Mar 2019 15:53

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.7	31.6	94.8	
227	64.3	32.0	96.2	





#95

Naphthalene

Concen: 19.911 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Instrument :

MSVOA_W

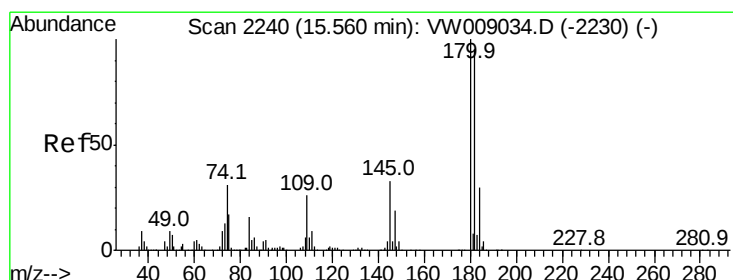
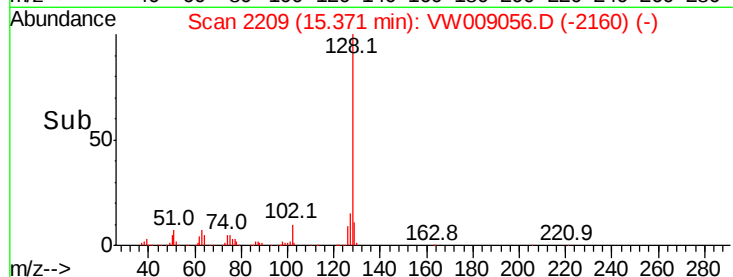
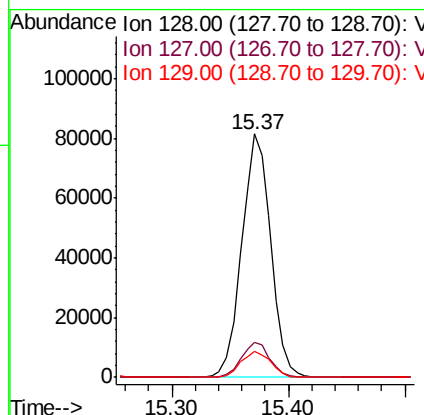
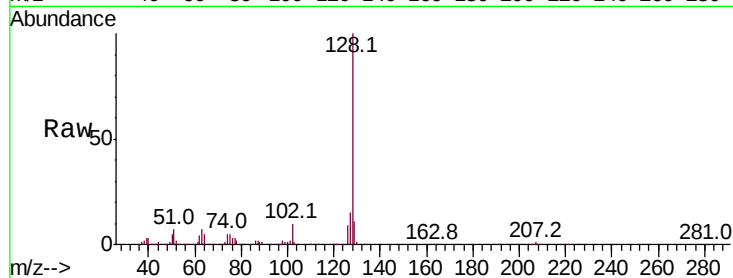
ClientSampleId :

VW0308SBS01

Tot Ion:	128	Resp:	141228
Ion Ratio	Lower	Upper	
128	100		
127	14.2	11.0	16.6
129	11.2	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.107 ug/l

RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW009056.D

Acq: 08 Mar 2019 15:53

Tgt Ion:	180	Resp:	76610
Ion Ratio	Lower	Upper	
180	100		
182	96.3	48.1	144.3
145	30.8	15.8	47.3

