

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009689.D
 Acq On : 04 Apr 2019 11:55
 Operator : SY/VA
 Sample : VW0404SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Manual Integrations
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 4/5/2019 3:51:01 PM

Quant Time: Apr 05 08:10:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W032919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 29 13:24:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	343335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	537531	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	486240	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	258526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	215158	54.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.60%	
35) Dibromofluoromethane	7.88	113	178064	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	
50) Toluene-d8	10.32	98	674279	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.62	95	256009	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	51225	23.005	ug/l	97
3) Chloromethane	2.21	50	53677	18.559	ug/l	97
4) Vinyl Chloride	2.37	62	77326	20.018	ug/l	97
5) Bromomethane	2.78	94	58782	19.724	ug/l	92
6) Chloroethane	2.92	64	56128	19.620	ug/l	96
7) Trichlorofluoromethane	3.25	101	50307	19.061	ug/l	95
8) Diethyl Ether	3.67	74	38126	21.513	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	77545	21.898	ug/l	96
10) Methyl Iodide	4.27	142	104955	21.721	ug/l	96
11) Tert butyl alcohol	5.17	59	26538	116.579	ug/l	95
12) 1,1-Dichloroethene	4.04	96	72656	21.924	ug/l	97
13) Acrolein	3.89	56	16984	101.722	ug/l	98
14) Allyl chloride	4.66	41	123836	23.363	ug/l	96
15) Acrylonitrile	5.37	53	84782	104.660	ug/l	99
16) Acetone	4.12	43	107449	121.723	ug/l	96
17) Carbon Disulfide	4.38	76	202416	21.466	ug/l	98
18) Methyl Acetate	4.67	43	39767	18.636	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	108391	23.517	ug/l	96
20) Methylene Chloride	4.91	84	85310	22.501	ug/l #	87
21) trans-1,2-Dichloroethene	5.41	96	77358	21.986	ug/l	91
22) Diisopropyl ether	6.31	45	262661	22.946	ug/l	99
23) Vinyl Acetate	6.25	43	808852	113.267	ug/l	100
24) 1,1-Dichloroethane	6.21	63	152980	22.204	ug/l	98
25) 2-Butanone	7.17	43	131429	107.743	ug/l	95
26) 2,2-Dichloropropane	7.15	77	92555	23.497	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	86871	22.608	ug/l	95
28) Bromochloromethane	7.51	49	61687	20.662	ug/l #	93
29) Tetrahydrofuran	7.53	42	79318	104.718	ug/l	99
30) Chloroform	7.67	83	156141	21.881	ug/l	95
31) Cyclohexane	7.95	56	140534	21.757	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	128262	22.203	ug/l	98
36) 1,1-Dichloropropene	8.08	75	123284	22.174	ug/l	99
37) Ethyl Acetate	7.25	43	56596	21.426	ug/l	98
38) Carbon Tetrachloride	8.06	117	123795	21.730	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	139712	21.999	ug/l	99
40) Benzene	8.32	78	327792	21.766	ug/l	99
41) Methacrylonitrile	7.48	41	28635	19.262	ug/l	97
42) 1,2-Dichloroethane	8.40	62	113586	22.124	ug/l	97
43) Isopropyl Acetate	8.42	43	109999	21.249	ug/l	99
44) Trichloroethene	9.09	130	83940	21.530	ug/l	96
45) 1,2-Dichloropropane	9.37	63	83186	21.580	ug/l	97
46) Dibromomethane	9.45	93	44590	21.354	ug/l	96
47) Bromodichloromethane	9.64	83	115184	21.624	ug/l	99
48) Methyl methacrylate	9.43	41	52360	21.577	ug/l	98
49) 1,4-Dioxane	9.45	88	13446	432.389	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	284823	102.835	ug/l	99
52) Toluene	10.38	92	208282	22.085	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	111625	21.402	ug/l	94
54) cis-1,3-Dichloropropene	10.07	75	127571	22.060	ug/l	91
55) 1,1,2-Trichloroethane	10.79	97	59884	21.216	ug/l	98
56) Ethyl methacrylate	10.65	69	73592	21.193	ug/l	95
57) 1,3-Dichloropropane	10.93	76	105516	21.090	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	164447	98.377	ug/l	97
59) 2-Hexanone	10.97	43	200750	104.730	ug/l	98
60) Dibromochloromethane	11.13	129	72229	21.193	ug/l	100
61) 1,2-Dibromoethane	11.23	107	56973	21.049	ug/l	99
64) Tetrachloroethene	10.86	164	71729	21.727	ug/l	96
65) Chlorobenzene	11.66	112	226247	22.093	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	81672	21.888	ug/l	99
67) Ethyl Benzene	11.73	91	411169	22.789	ug/l	99
68) m/p-Xylenes	11.84	106	311168	45.420	ug/l	97
69) o-Xylene	12.16	106	145546	22.813	ug/l	98
70) Styrene	12.18	104	239526	22.477	ug/l	99
71) Bromoform	12.35	173	41041	20.439	ug/l #	99
73) Isopropylbenzene	12.46	105	417591	23.211	ug/l	100
74) N-amyl acetate	12.27	43	104680	22.070	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	71195	20.925	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	50996m	20.976	ug/l	
77) Bromobenzene	12.75	156	91023	21.969	ug/l	95
78) n-propylbenzene	12.80	91	512996	23.123	ug/l	99
79) 2-Chlorotoluene	12.89	91	287030	22.766	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	352309	23.252	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	21198	20.277	ug/l	91
82) 4-Chlorotoluene	12.99	91	302750	22.817	ug/l	99
83) tert-Butylbenzene	13.21	119	300317	23.284	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	359428	23.076	ug/l	99
85) sec-Butylbenzene	13.38	105	445402	22.890	ug/l	98
86) p-Isopropyltoluene	13.50	119	389697	23.025	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	189190	22.116	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	186806	21.863	ug/l	99
89) n-Butylbenzene	13.83	91	378119	22.634	ug/l	100
90) Hexachloroethane	14.10	117	72598	22.400	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	169402	22.145	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12698	20.443	ug/l	98

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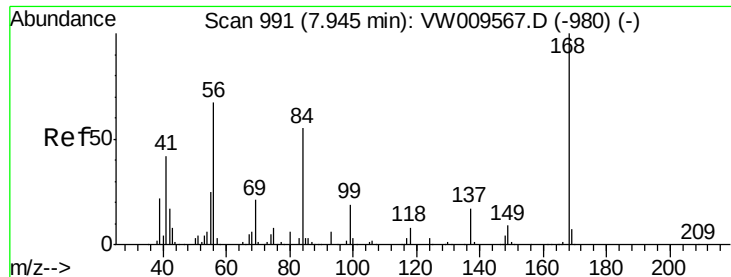
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	107975	21.918	ug/l	98
94) Hexachlorobutadiene	15.24	225	67278	21.265	ug/l	99
95) Naphthalene	15.37	128	187983	20.475	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	94741	21.525	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion:168 Resp: 343335

Ion Ratio Lower Upper

168 100

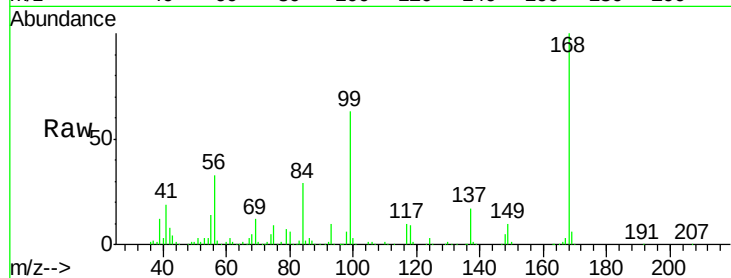
99 62.8 45.4 68.0

Manual Integrations

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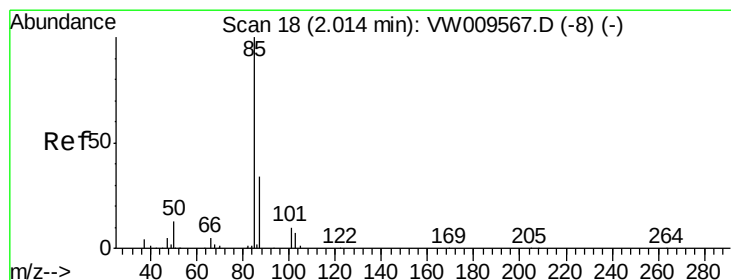
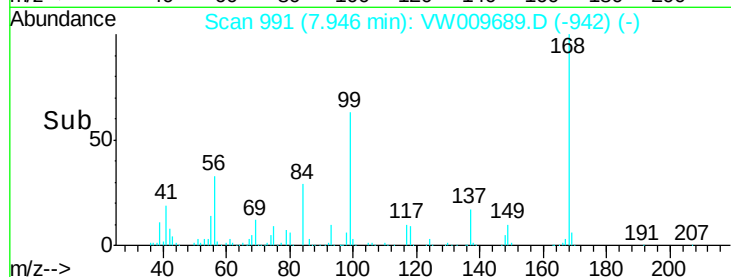
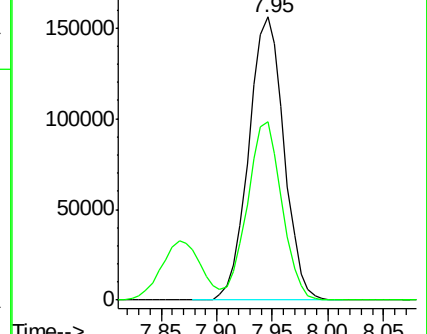
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 23.005 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009689.D

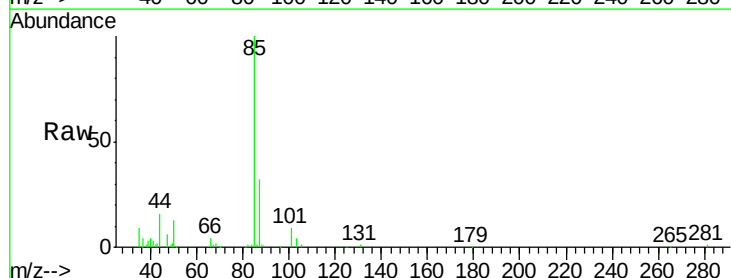
Acq: 04 Apr 2019 11:55

Tgt Ion: 85 Resp: 51225

Ion Ratio Lower Upper

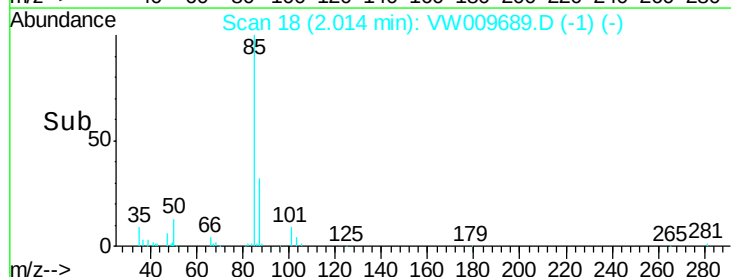
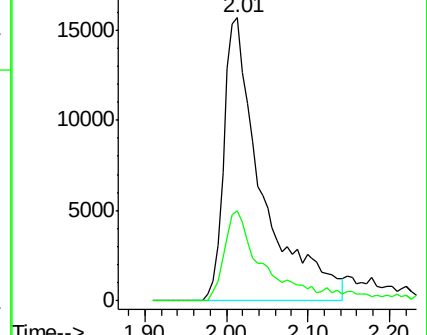
85 100

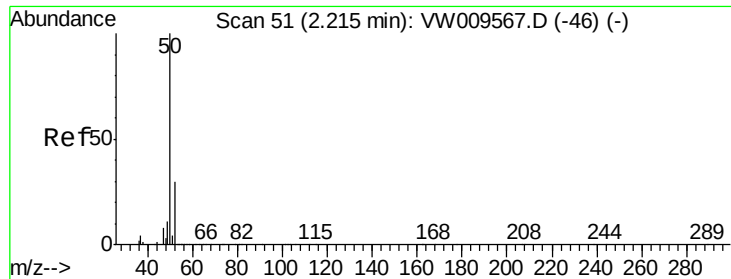
87 31.6 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 18.559 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion: 50 Resp: 53677

Ion Ratio Lower Upper

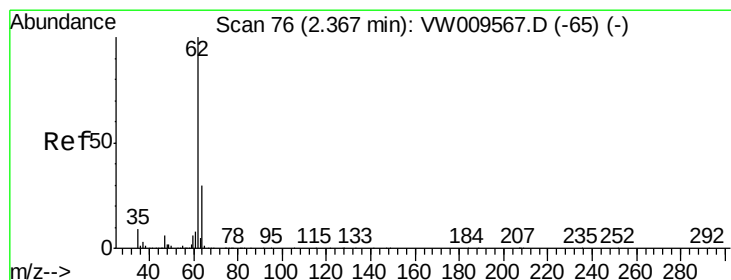
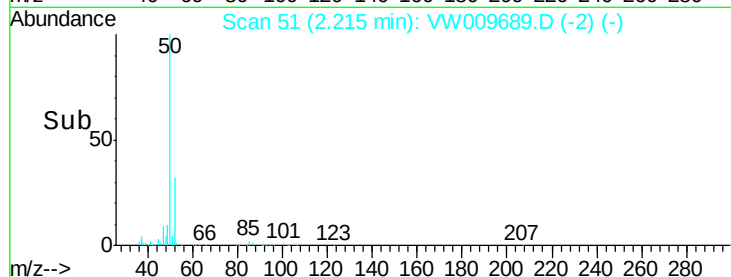
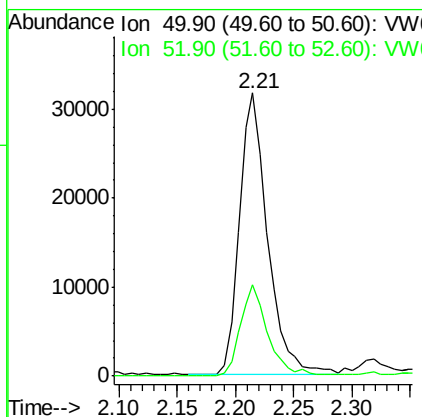
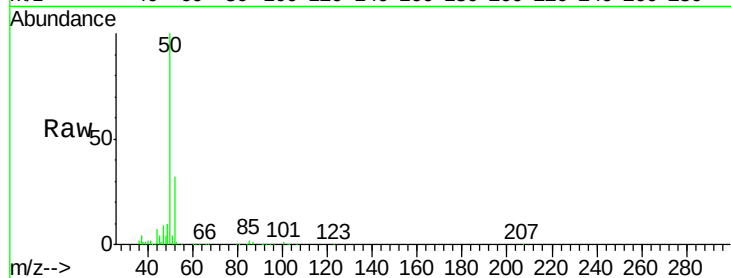
50 100

52 32.2 27.2 40.8

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#4

Vinyl Chloride

Concen: 20.018 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW009689.D

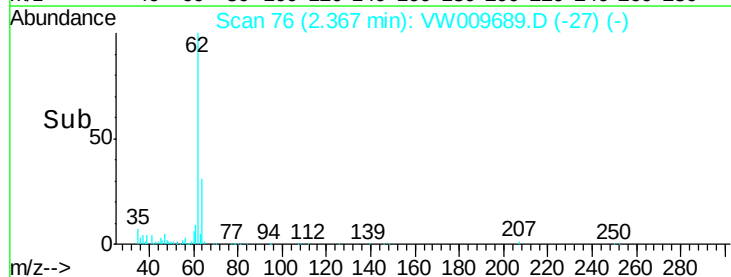
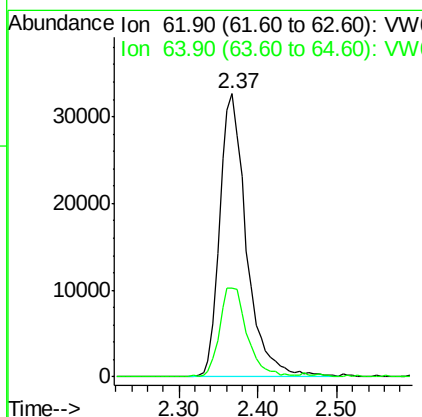
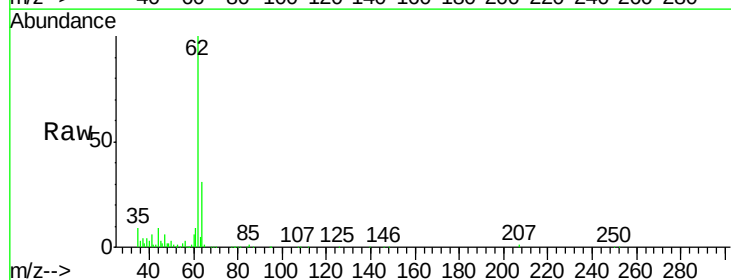
Acq: 04 Apr 2019 11:55

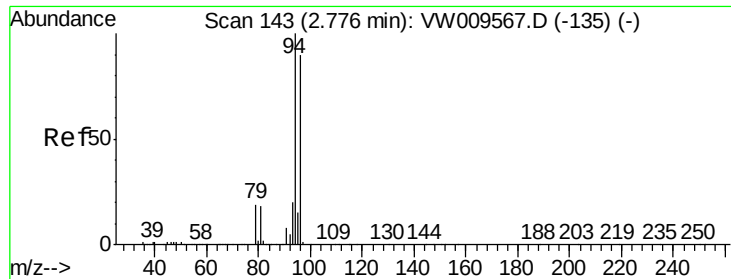
Tgt Ion: 62 Resp: 77326

Ion Ratio Lower Upper

62 100

64 31.1 26.2 39.2





#5

Bromomethane

Concen: 19.724 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion: 94 Resp: 58782

Ion Ratio Lower Upper

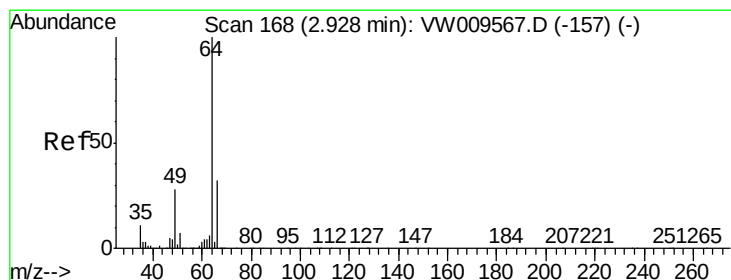
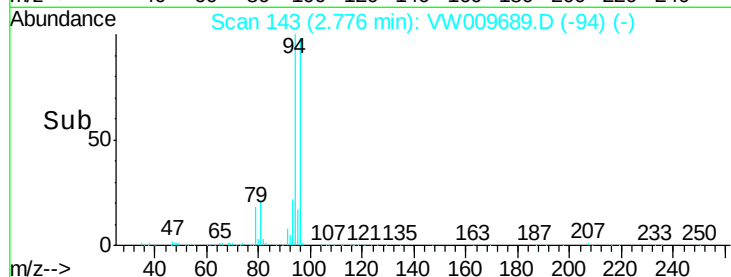
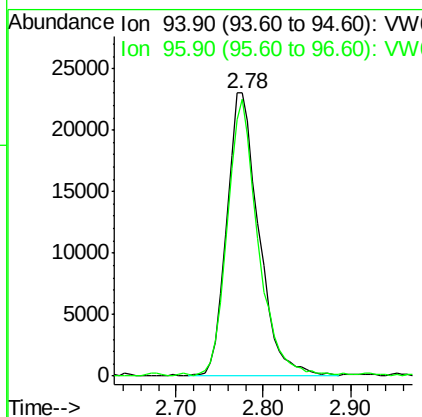
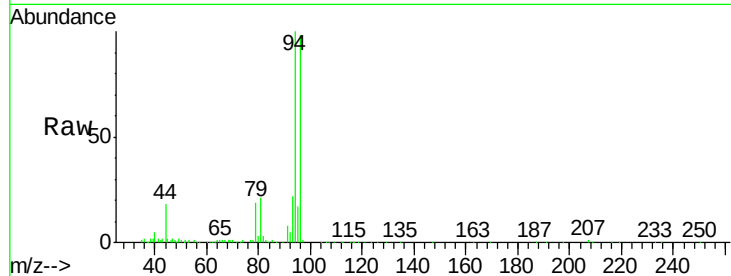
94 100

96 97.1 71.4 107.2

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#6

Chloroethane

Concen: 19.620 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW009689.D

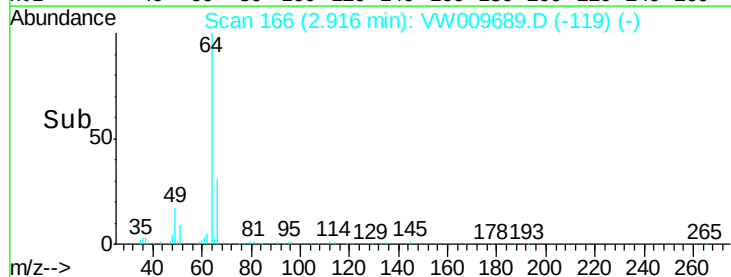
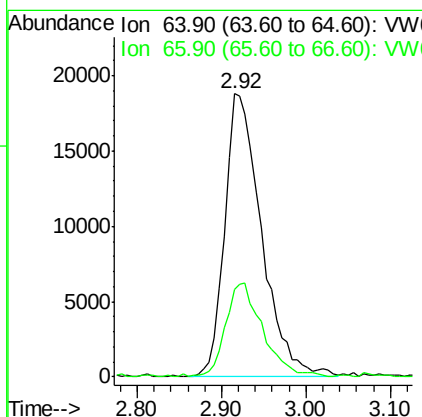
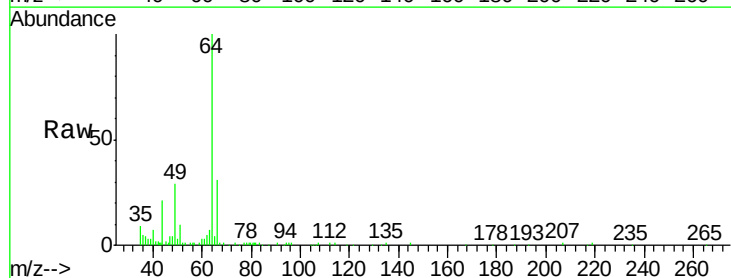
Acq: 04 Apr 2019 11:55

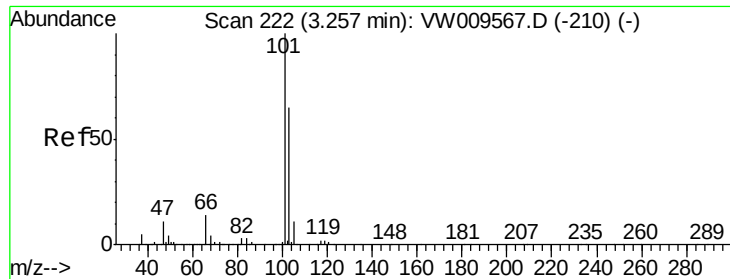
Tgt Ion: 64 Resp: 56128

Ion Ratio Lower Upper

64 100

66 30.5 26.2 39.2





#7

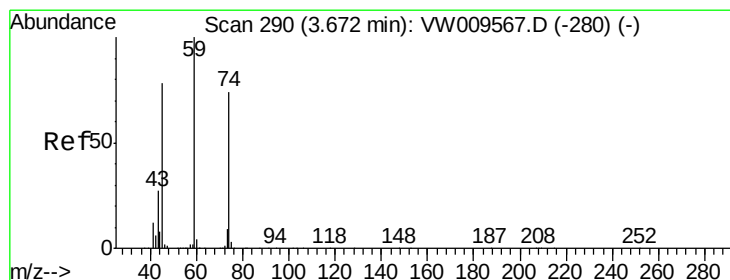
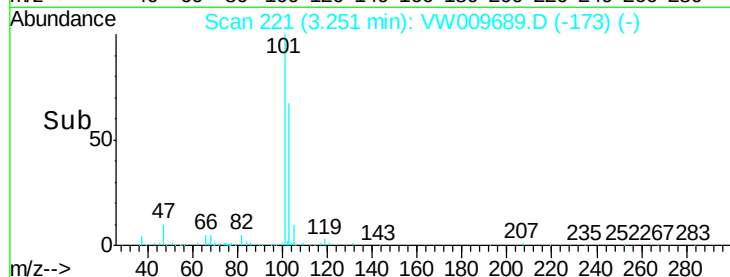
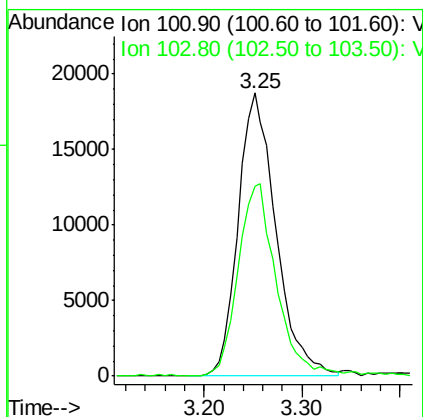
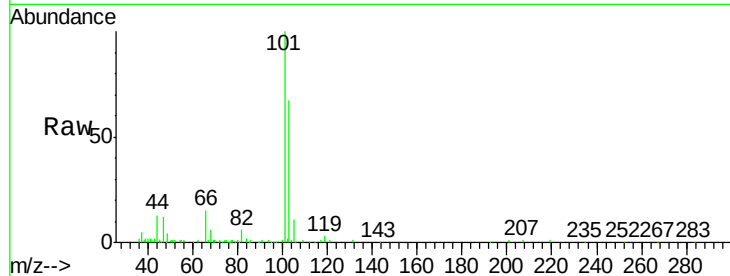
Trichlorofluoromethane
 Concen: 19.061 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.3	50.5	75.7

Manual Integrations
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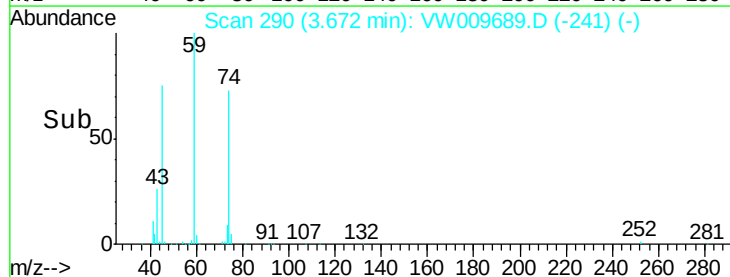
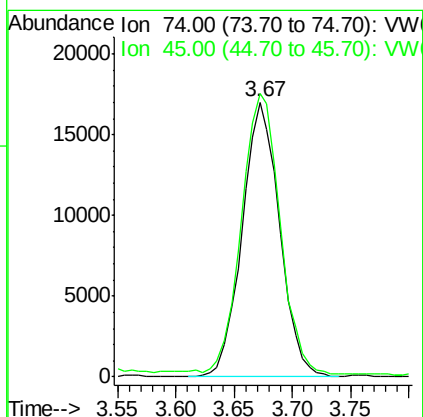
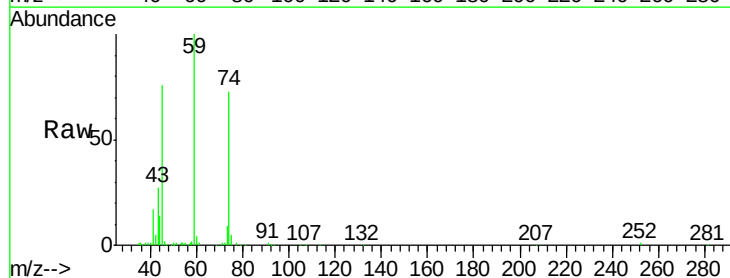
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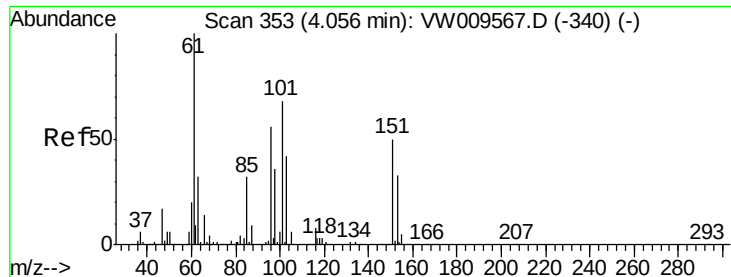


#8

Diethyl Ether
 Concen: 21.513 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.9	50.6	151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.898 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

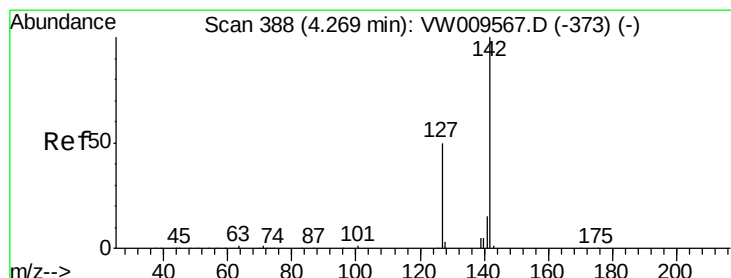
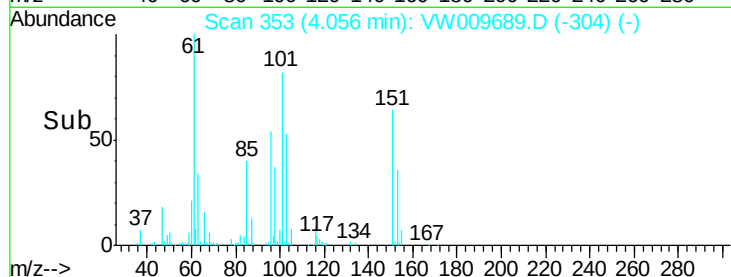
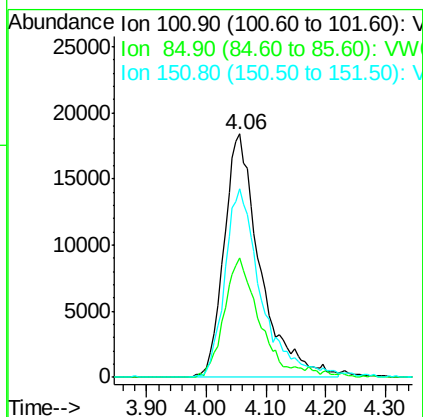
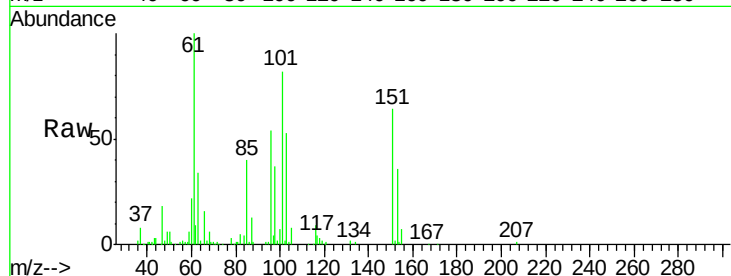
ClientSampled :

VW0404SBS01

Tot Ion:	101	Resp:	77545
Ion Ratio	Lower	Upper	
101	100		
85	48.5	35.1	52.7
151	76.4	62.9	94.3

Manual Integrations
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#10

Methyl Iodide

Concen: 21.721 ug/l

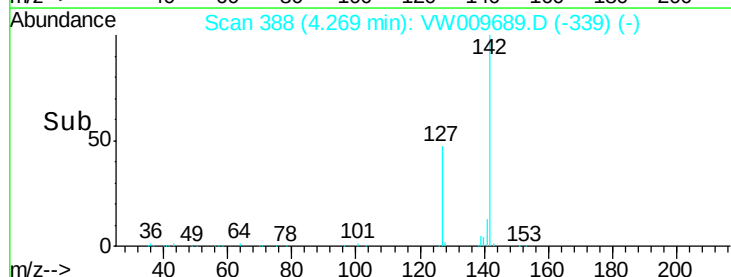
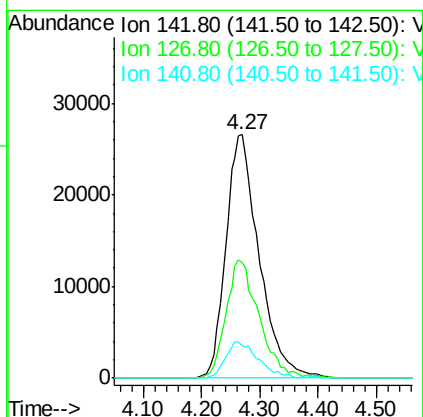
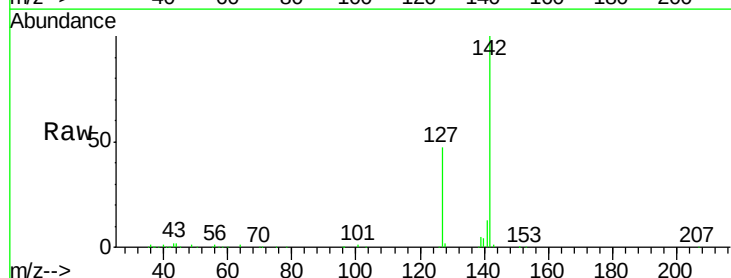
RT: 4.27 min Scan# 388

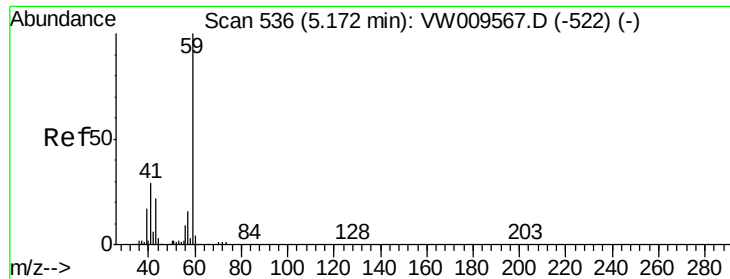
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	142	Resp:	104955
Ion Ratio	Lower	Upper	
142	100		
127	48.0	35.9	53.9
141	14.9	11.4	17.2





#11

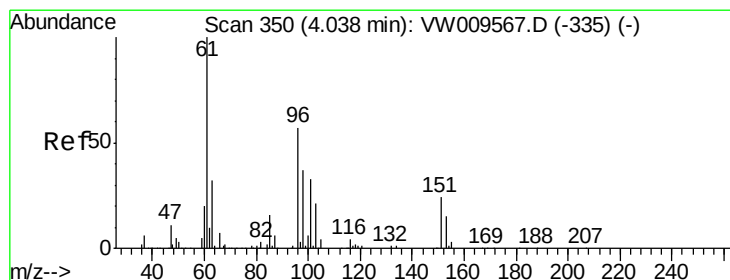
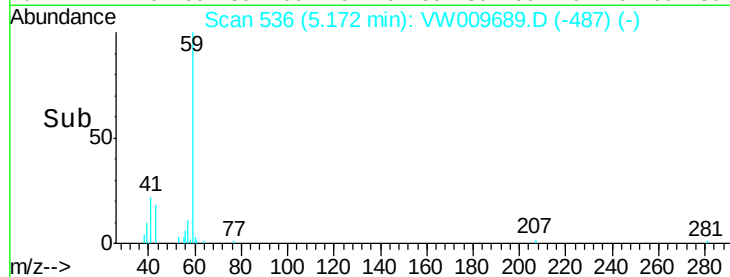
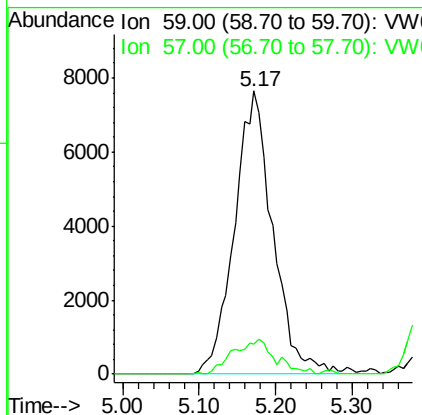
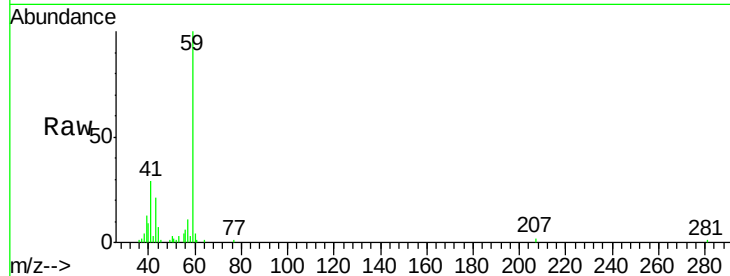
Tert butyl alcohol
 Concen: 116.579 ug/l
 RT: 5.17 min Scan# 536
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	13.5	9.4	14.0

Manual Integrations
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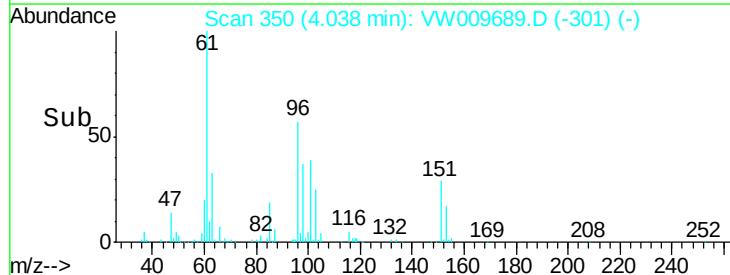
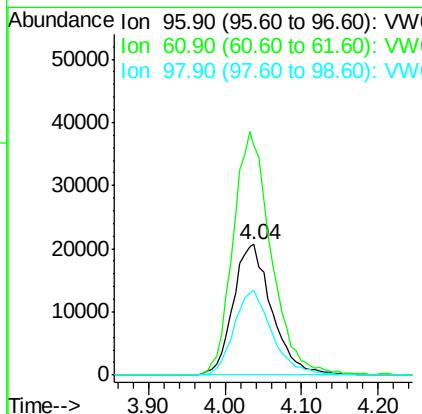
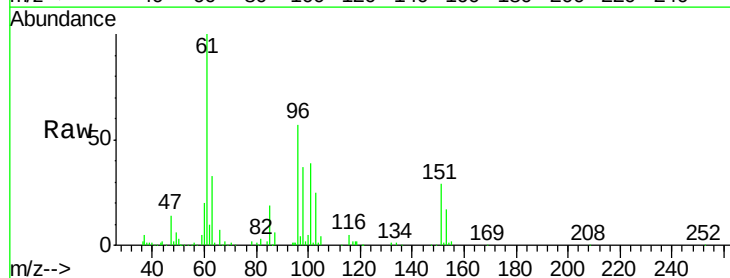
mohammad
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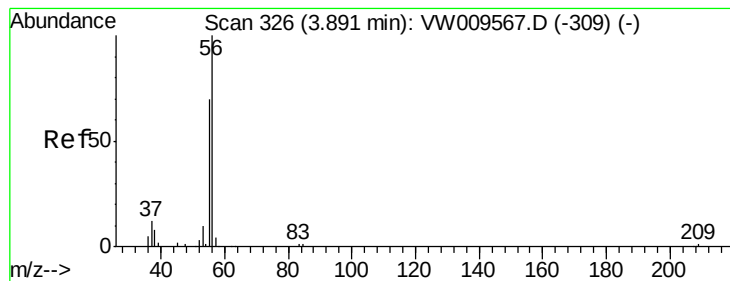


#12

1,1-Dichloroethene
 Concen: 21.924 ug/l
 RT: 4.04 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.5	138.0	207.0
98	65.4	49.8	74.8





#13

Acrolein

Concen: 101.722 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion: 56 Resp: 16984

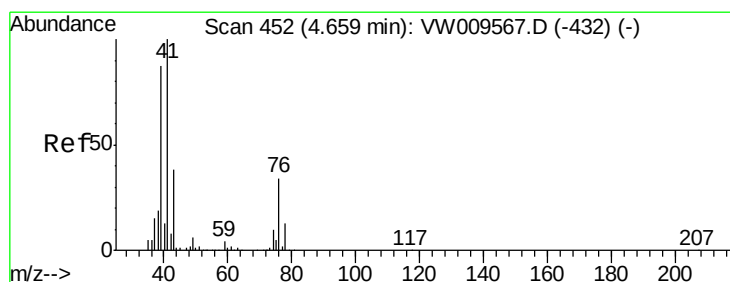
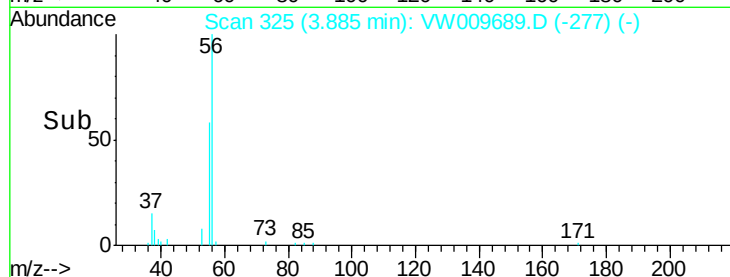
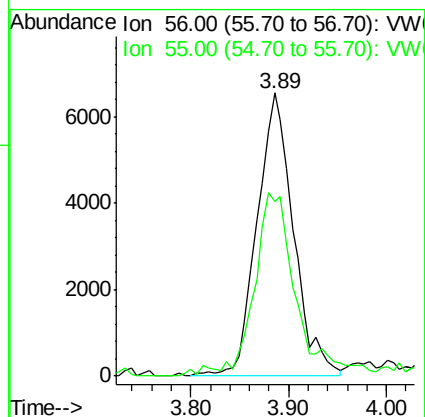
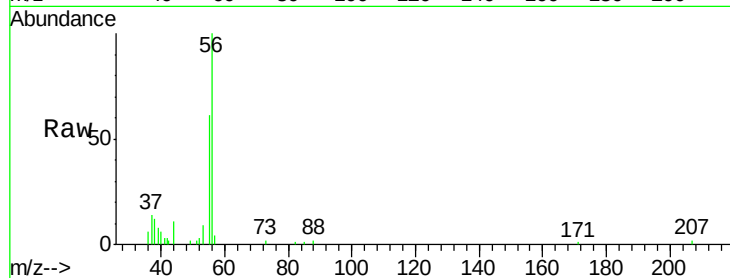
Ion Ratio Lower Upper

56 100

55 67.5 55.2 82.8

Manual Integrations
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#14

Allyl chloride

Concen: 23.363 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

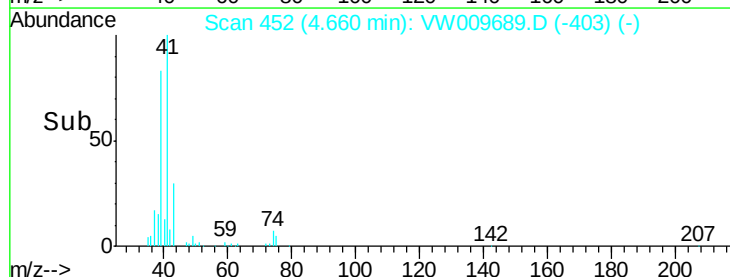
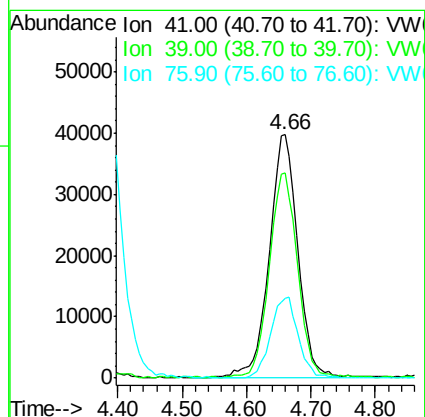
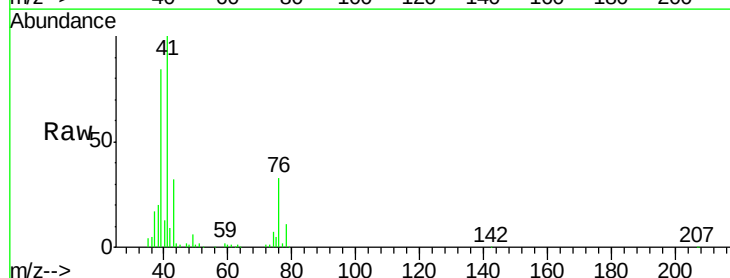
Tgt Ion: 41 Resp: 123836

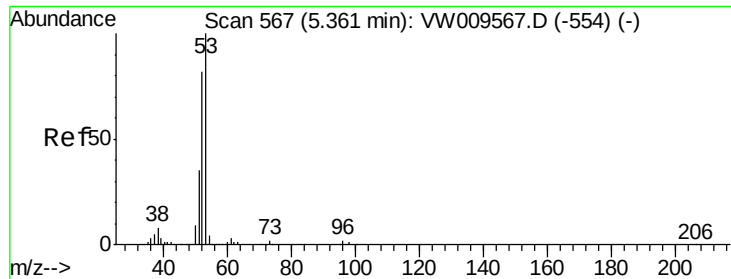
Ion Ratio Lower Upper

41 100

39 83.1 63.8 95.6

76 32.2 27.8 41.6





#15

Acrylonitrile

Concen: 104.660 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

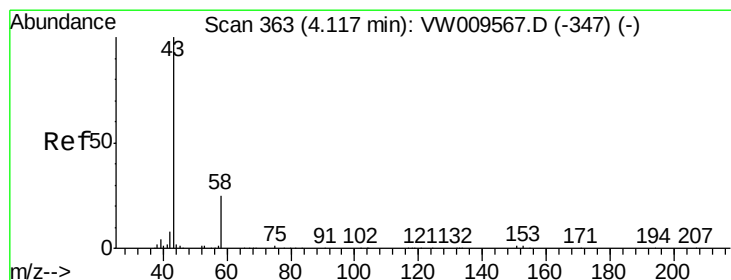
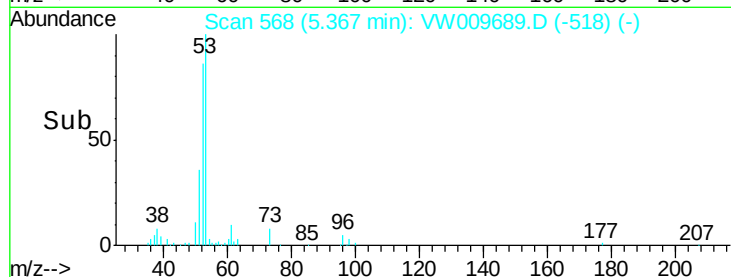
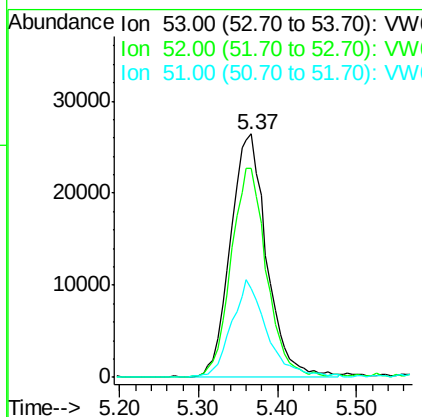
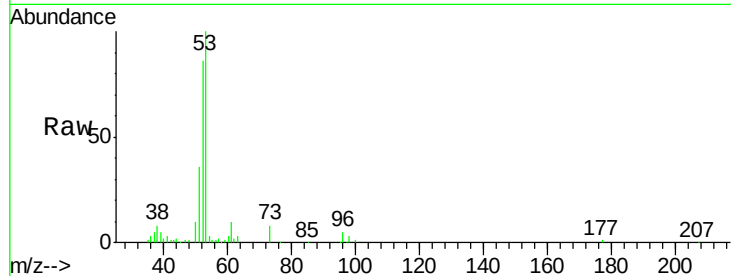
ClientSampleId :

VW0404SBS01

Tot Ion:	53	Resp:	84782
Ion	Ratio	Lower	Upper
53	100		
52	83.9	67.6	101.4
51	39.0	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 121.723 ug/l

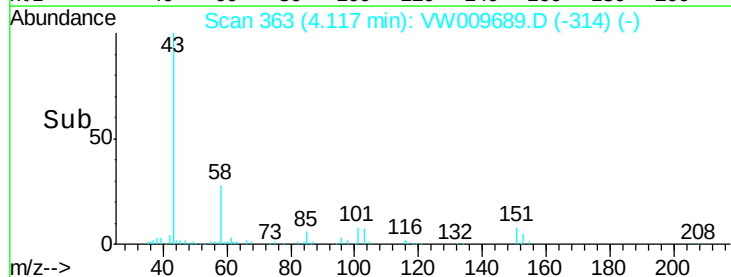
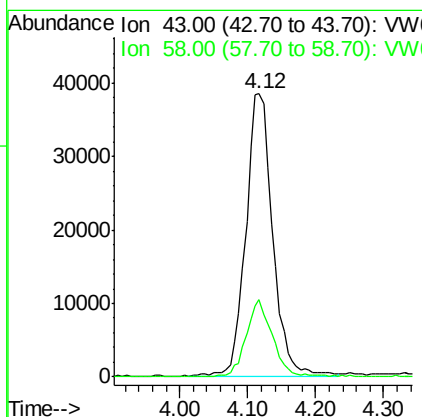
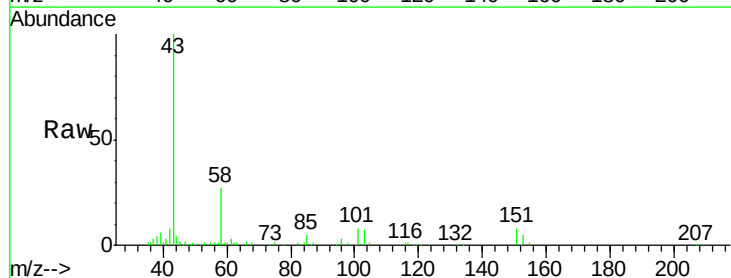
RT: 4.12 min Scan# 363

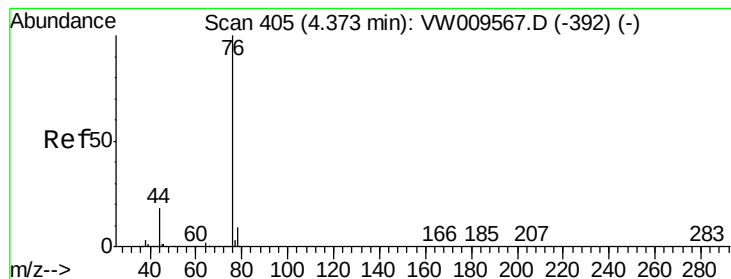
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	43	Resp:	107449
Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.6	35.4





#17

Carbon Disulfide

Concen: 21.466 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tot Ion: 76 Resp: 202416

Ion Ratio Lower Upper

76 100

78 9.0 6.6 9.8

Instrument :

MSVOA_W

ClientSampleId :

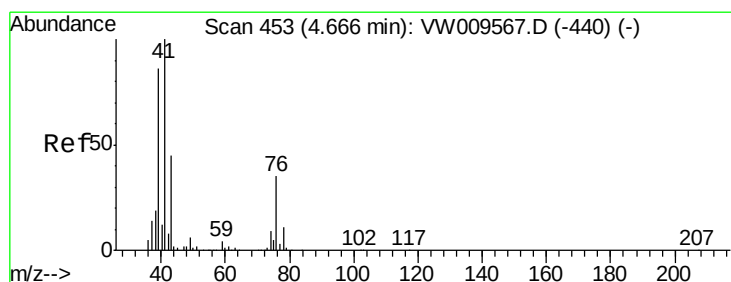
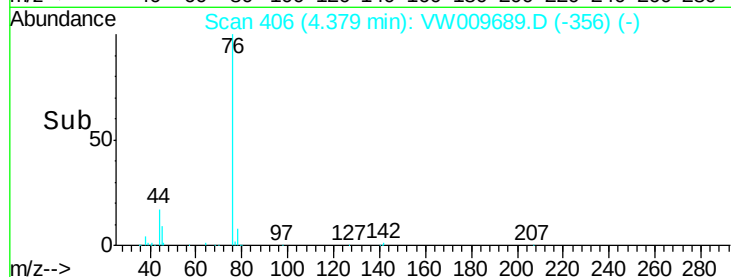
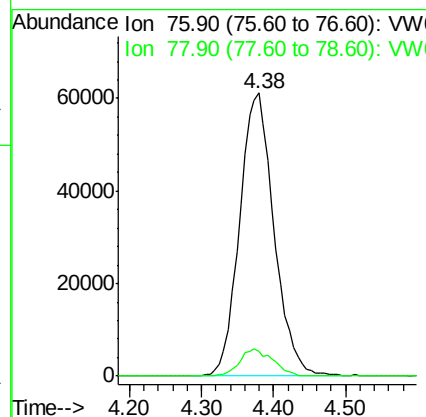
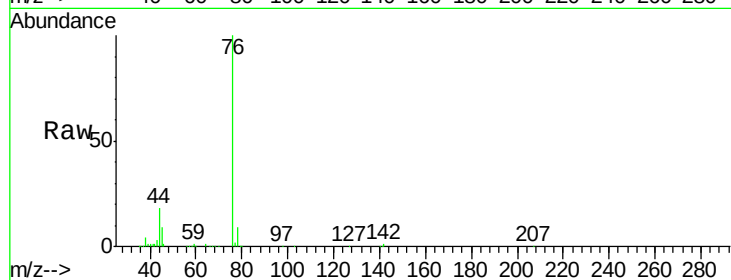
VW0404SBS01

Manual Integrations

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#18

Methyl Acetate

Concen: 18.636 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW009689.D

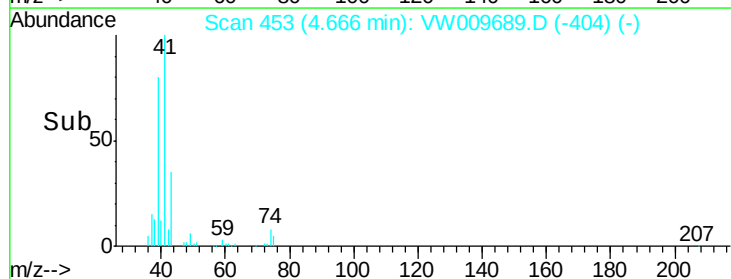
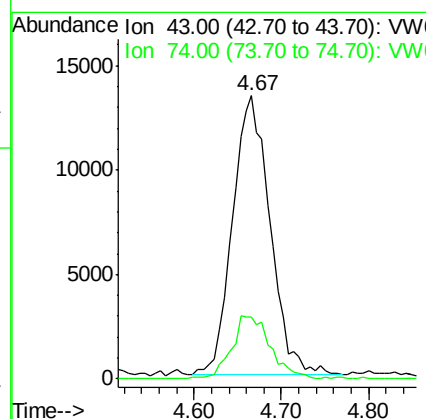
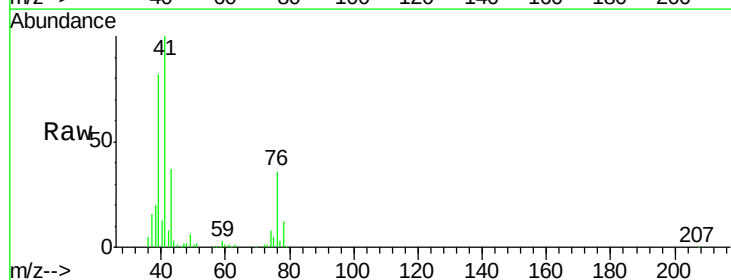
Acq: 04 Apr 2019 11:55

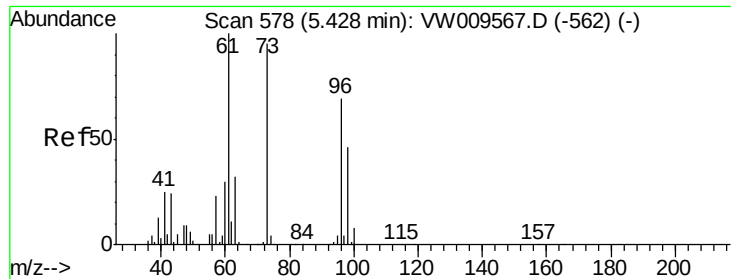
Tgt Ion: 43 Resp: 39767

Ion Ratio Lower Upper

43 100

74 23.4 17.7 26.5





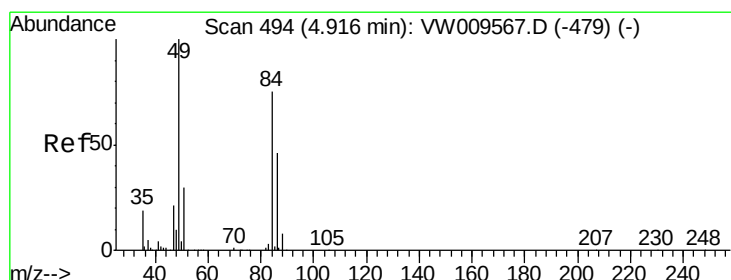
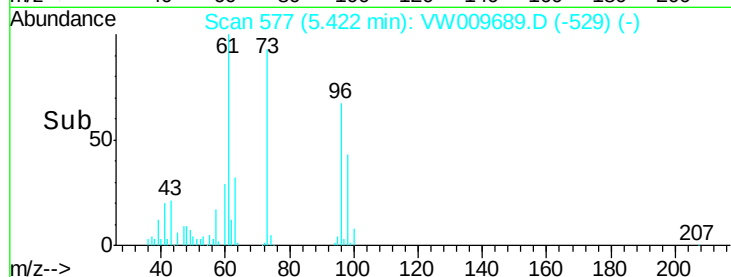
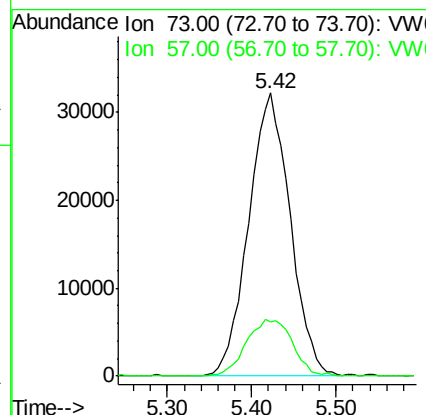
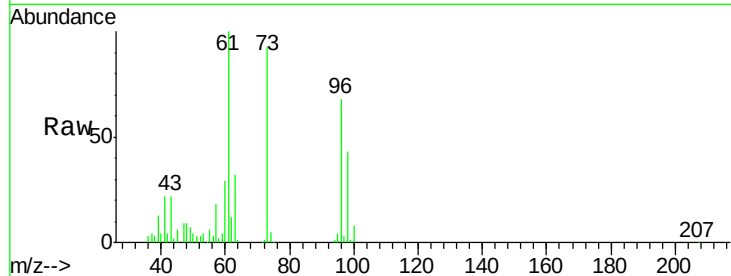
#19
Methyl tert-butyl Ether
Concen: 23.517 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.4	17.0	25.6

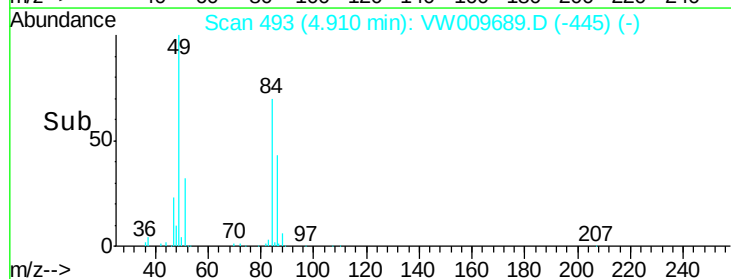
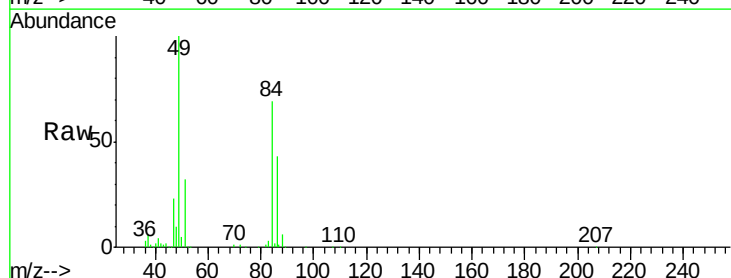
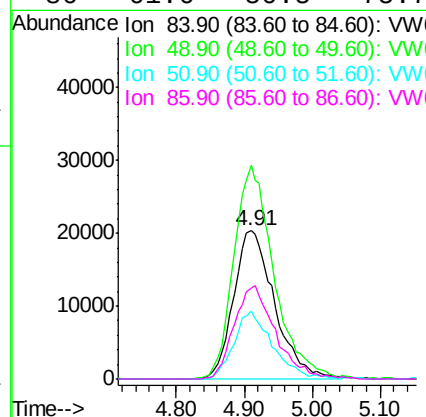
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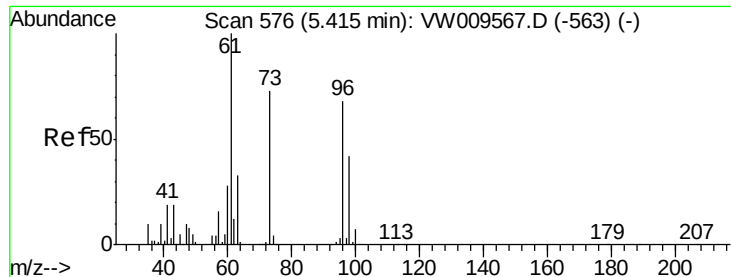
mohammad
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#20
Methylene Chloride
Concen: 22.501 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	144.2	99.1	148.7
51	46.0	28.7	43.1
86	61.6	50.5	75.7





#21

trans-1,2-Dichloroethene

Concen: 21.986 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

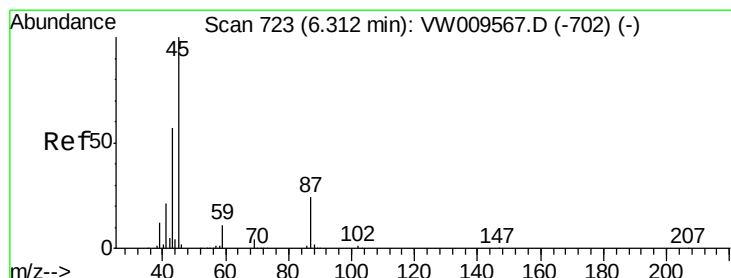
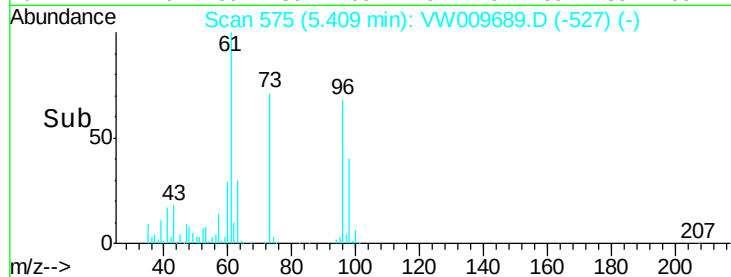
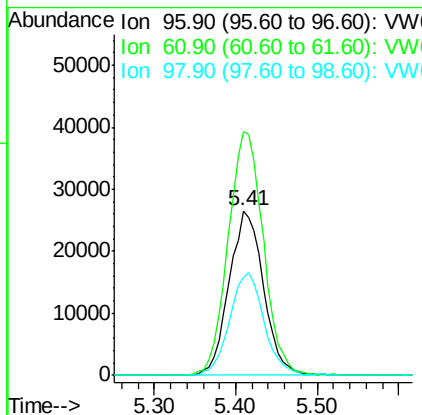
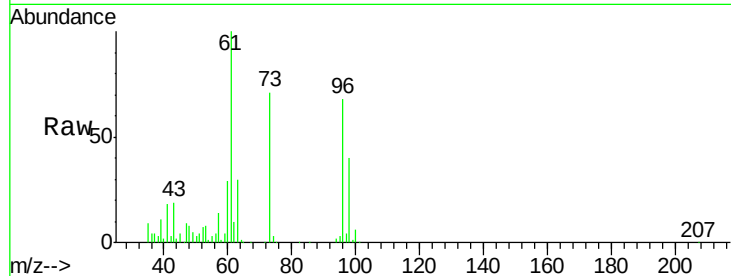
ClientSampled :

VW0404SBS01

Tot Ion:	96	Resp:	77358
Ion	Ratio	Lower	Upper
96	100		
61	147.2	108.2	162.4
98	59.1	50.9	76.3

Manual Integrations
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#22

Diisopropyl ether

Concen: 22.946 ug/l

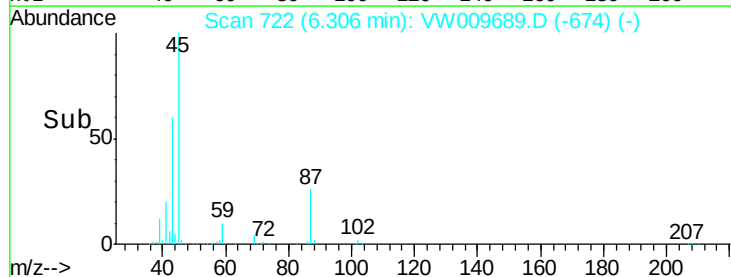
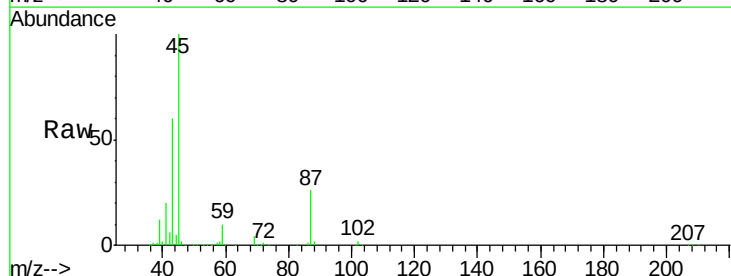
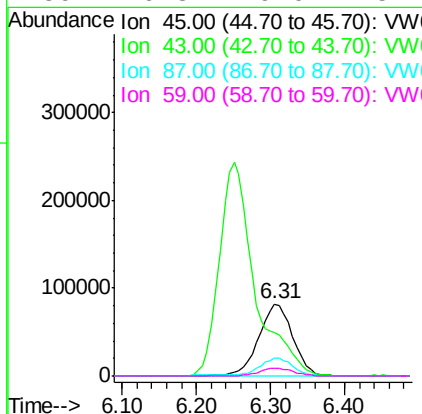
RT: 6.31 min Scan# 722

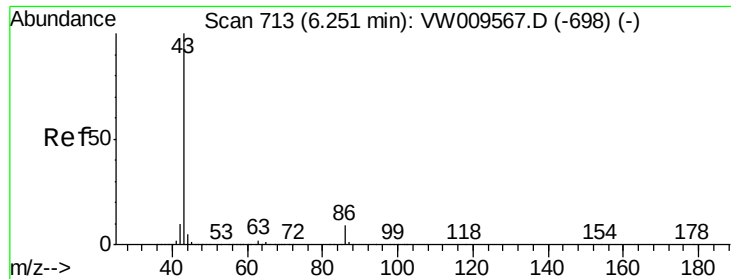
Delta R.T. -0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	45	Resp:	262661
Ion	Ratio	Lower	Upper
45	100		
43	59.2	47.9	71.9
87	25.6	20.6	30.8
59	10.3	9.0	13.4





#23

Vinyl Acetate

Concen: 113.267 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampled :

VW0404SBS01

Tot Ion: 43 Resp: 808852

Ion Ratio Lower Upper

43 100

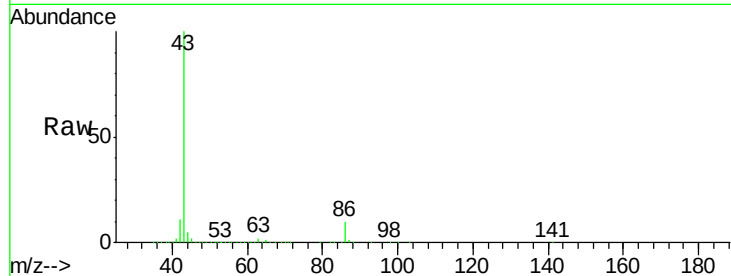
86 9.5 7.7 11.5

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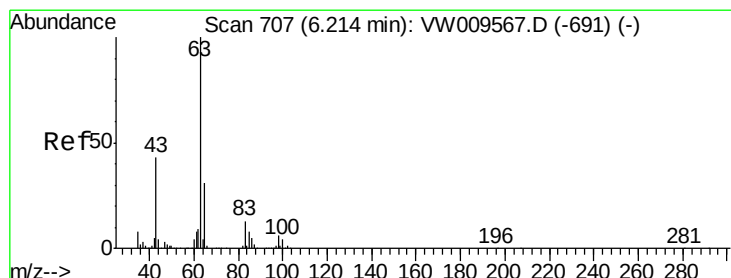
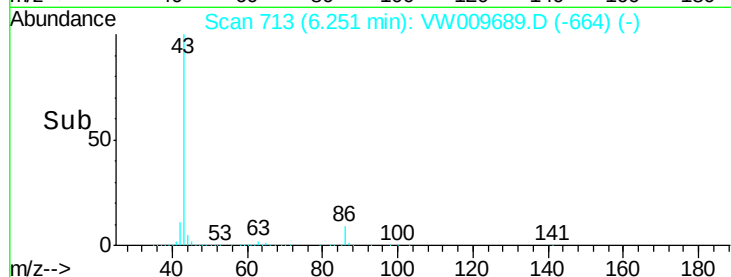
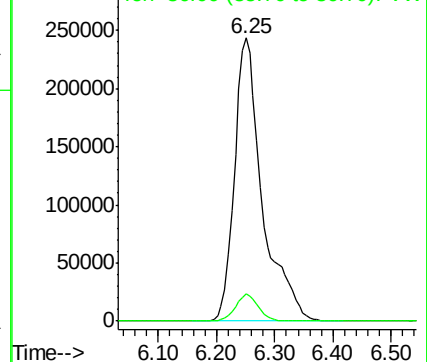
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 22.204 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

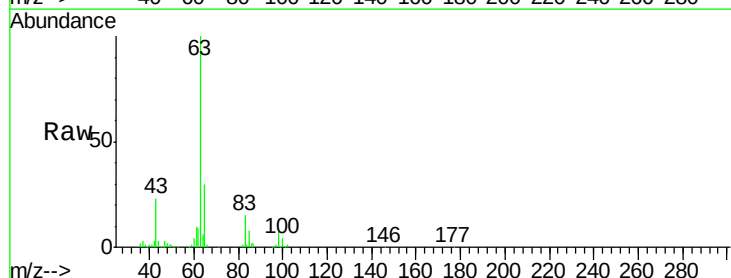
Tgt Ion: 63 Resp: 152980

Ion Ratio Lower Upper

63 100

98 6.7 3.7 11.1

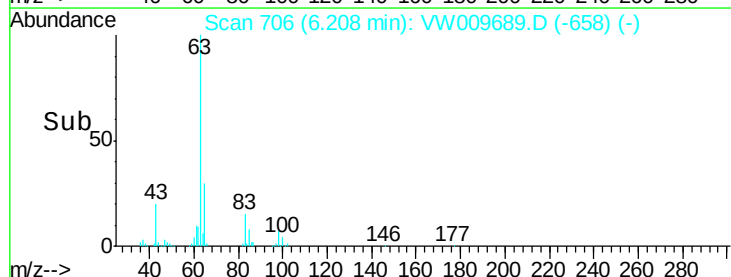
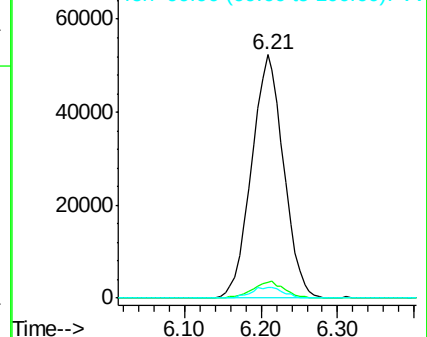
100 4.5 2.4 7.1

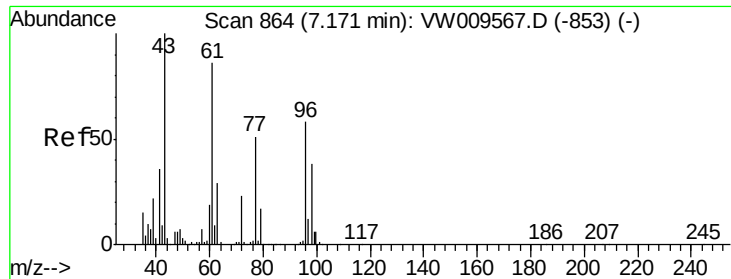


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 107.743 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion: 43 Resp: 131429

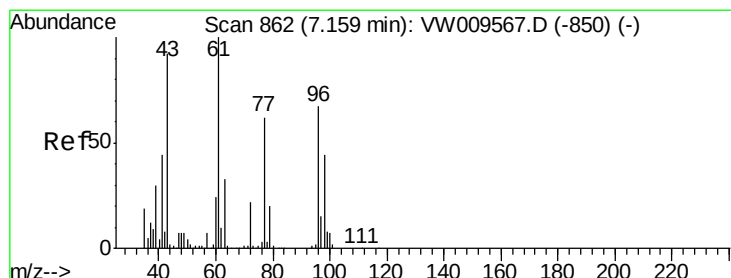
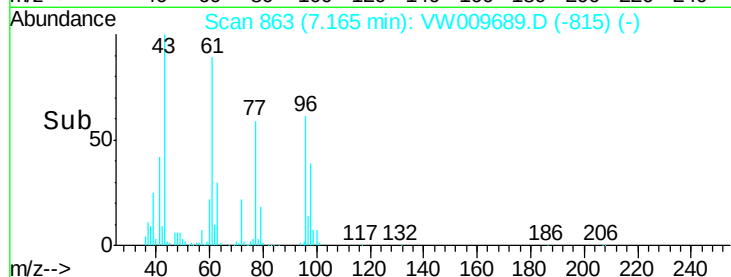
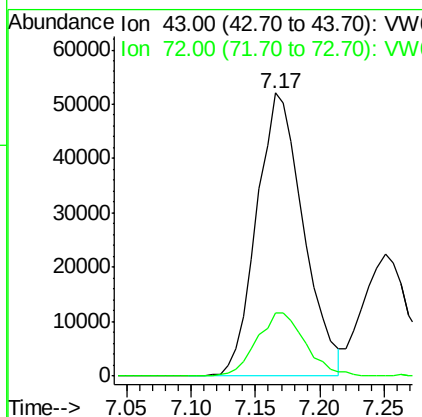
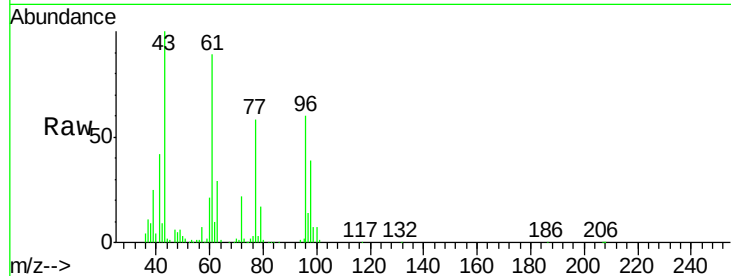
Ion Ratio Lower Upper

43 100

72 22.3 20.0 30.0

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#26

2,2-Dichloropropane

Concen: 23.497 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW009689.D

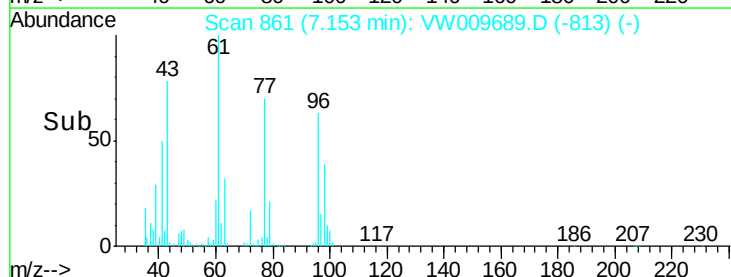
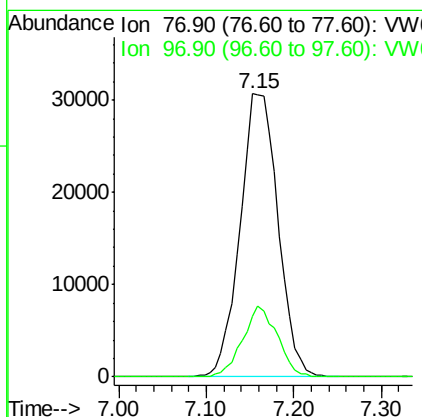
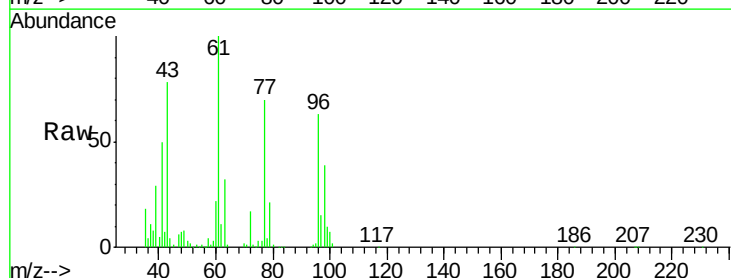
Acq: 04 Apr 2019 11:55

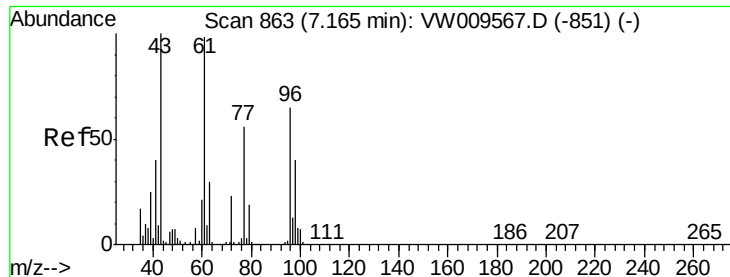
Tgt Ion: 77 Resp: 92555

Ion Ratio Lower Upper

77 100

97 22.9 11.6 34.7





#27

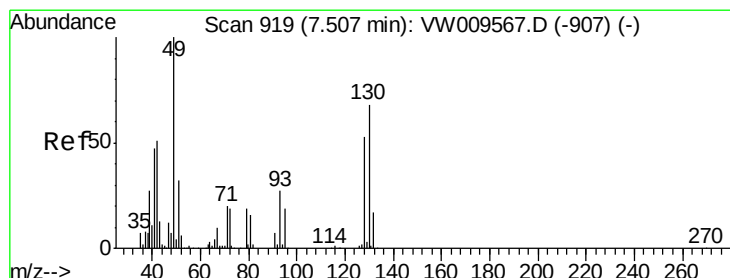
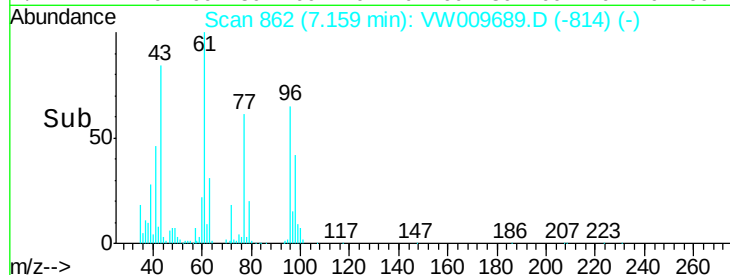
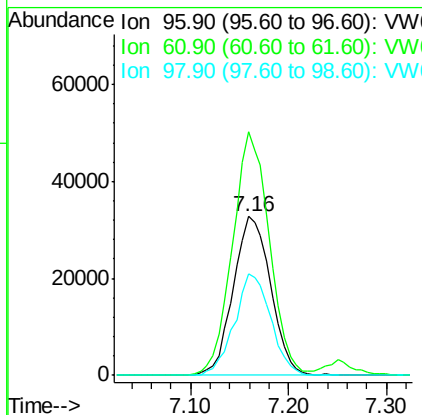
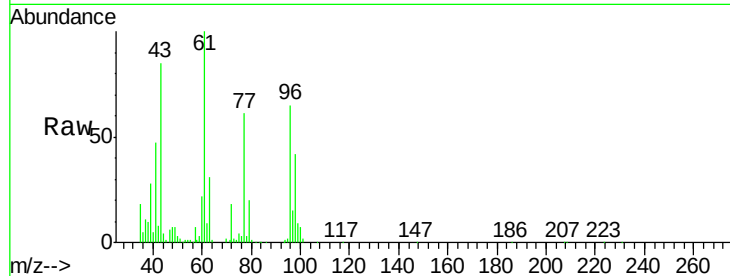
cis-1,2-Dichloroethene
 Concen: 22.608 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.9	0.0	289.8
98	61.9	0.0	130.8

Manual Integrations
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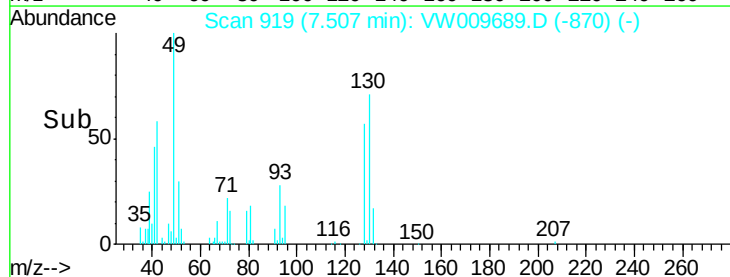
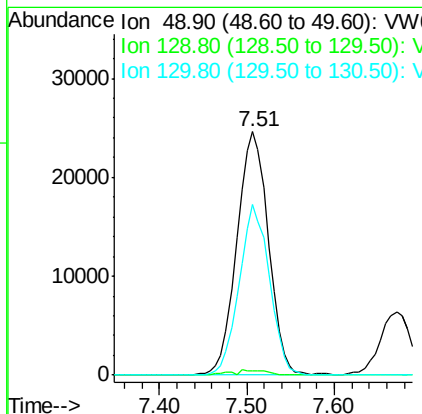
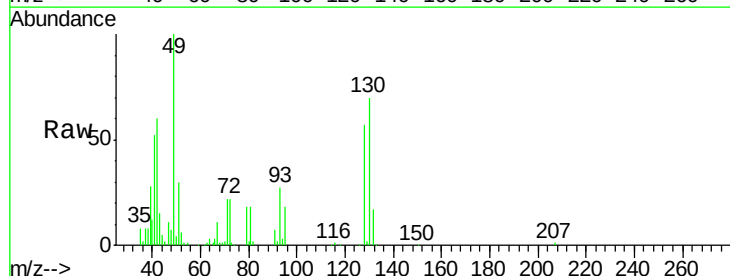
mohammad
 4/5/2019 3:51:01 PM

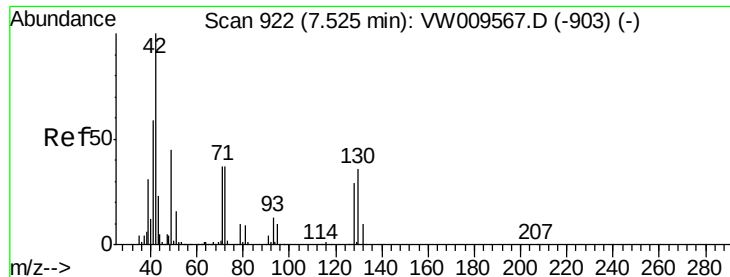


#28

Bromochloromethane
 Concen: 20.662 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	1.4#
130	67.6	58.6	88.0





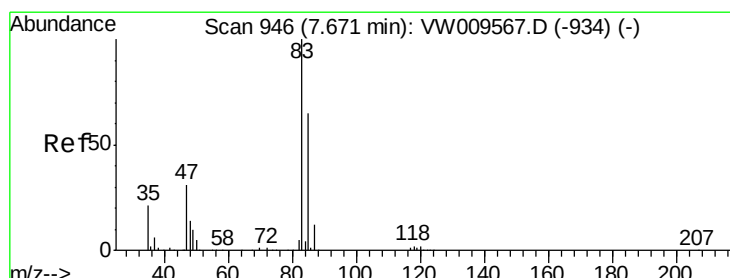
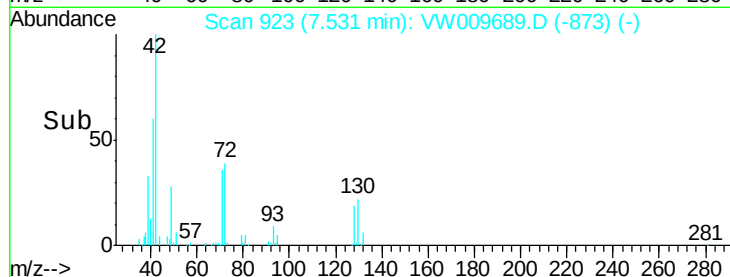
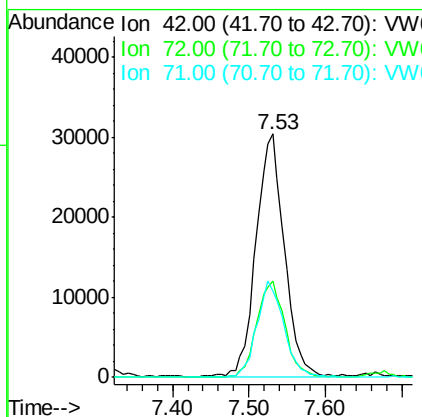
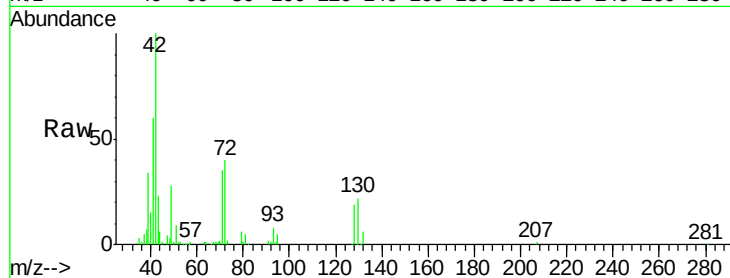
#29
Tetrahydrofuran
Concen: 104.718 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion:	42	Resp:	79318
Ion	Ratio	Lower	Upper
42	100		
72	39.1	32.4	48.6
71	37.4	30.1	45.1

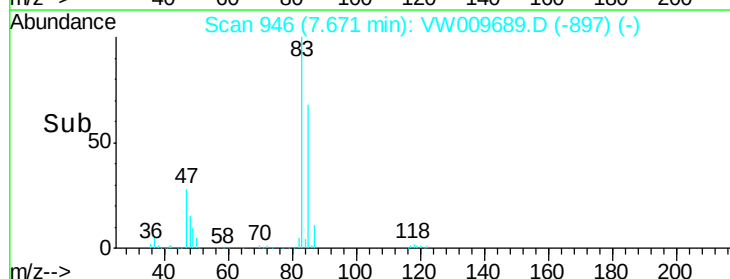
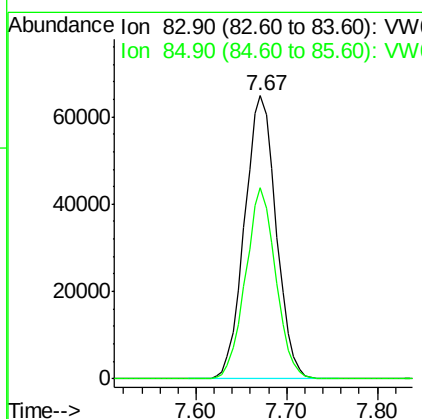
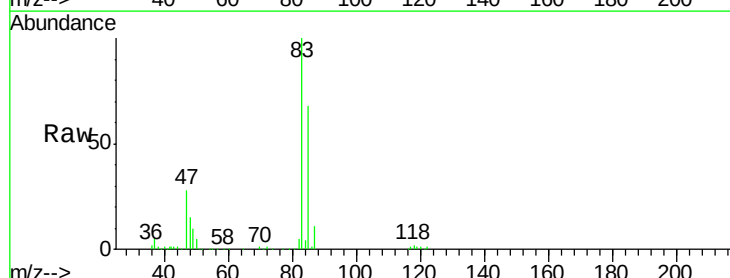
Manual Integrations
APPROVED

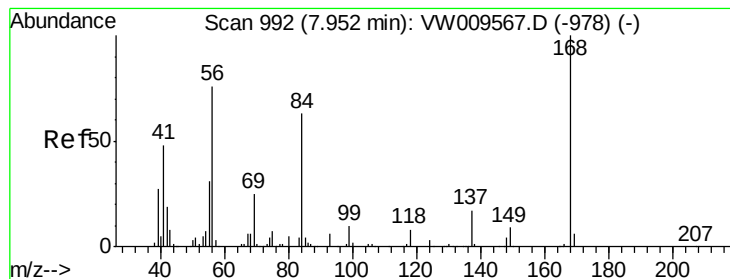
mohammad
4/5/2019 3:51:01 PM



#30
Chloroform
Concen: 21.881 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion:	83	Resp:	156141
Ion	Ratio	Lower	Upper
83	100		
85	67.8	51.0	76.6





#31

Cyclohexane

Concen: 21.757 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

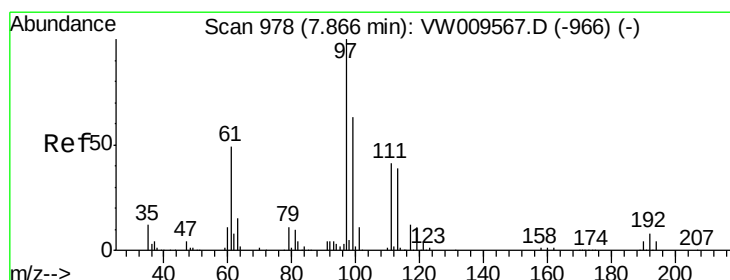
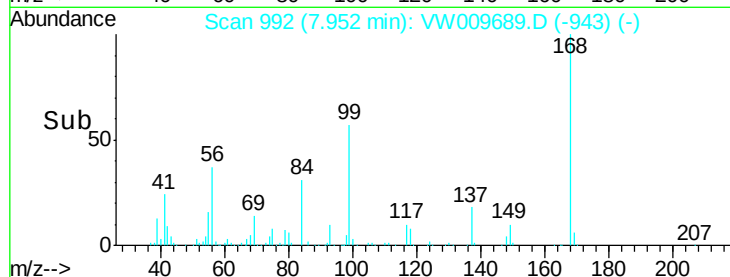
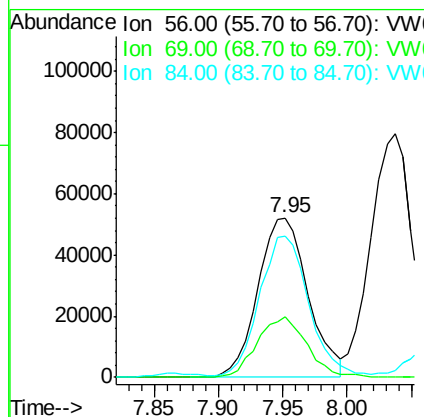
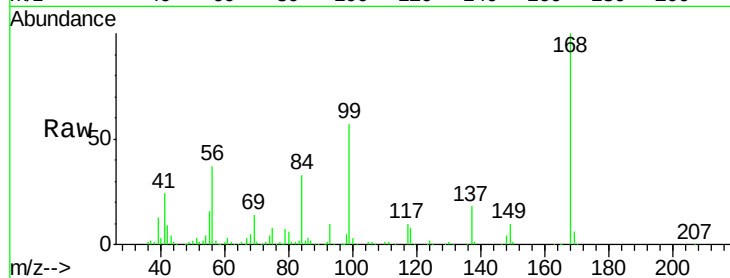
ClientSampled :

VW0404SBS01

Tot Ion:	56	Resp:	140534
Ion Ratio	Lower	Upper	
56	100		
69	38.4	26.1	39.1
84	86.5	68.6	103.0

Manual Integrations
APPROVED

mohammad
4/5/2019 3:51:01 PM



#32

1,1,1-Trichloroethane

Concen: 22.203 ug/l

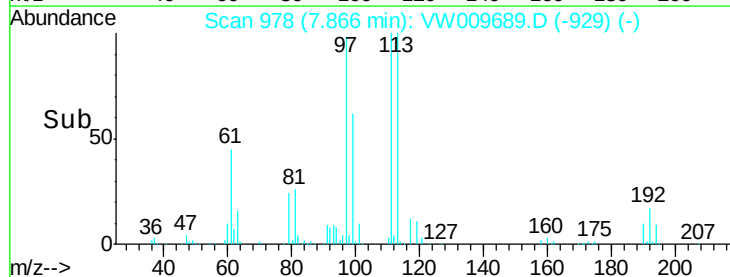
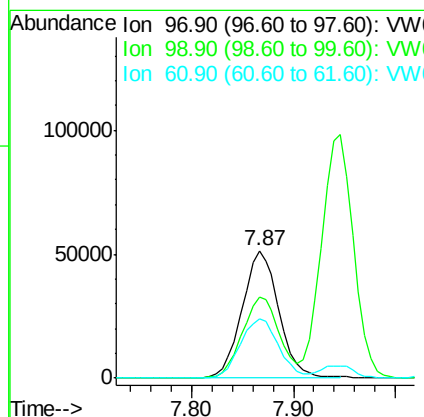
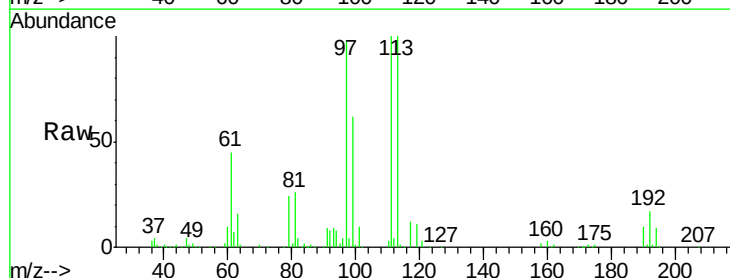
RT: 7.87 min Scan# 978

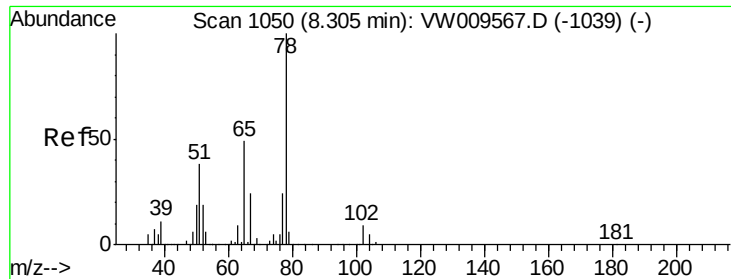
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	97	Resp:	128262
Ion Ratio	Lower	Upper	
97	100		
99	64.4	51.9	77.9
61	48.4	36.8	55.2





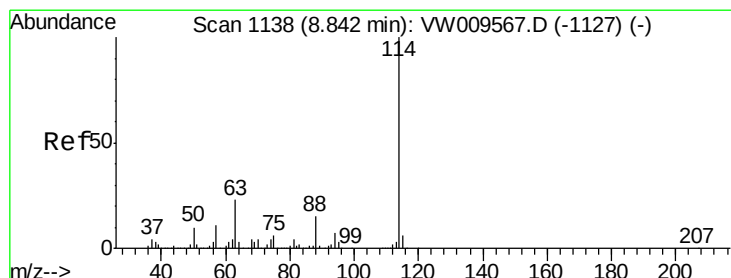
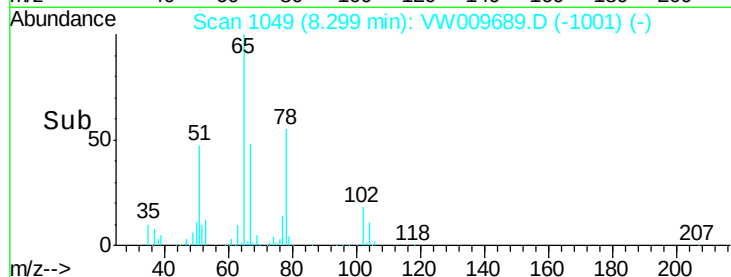
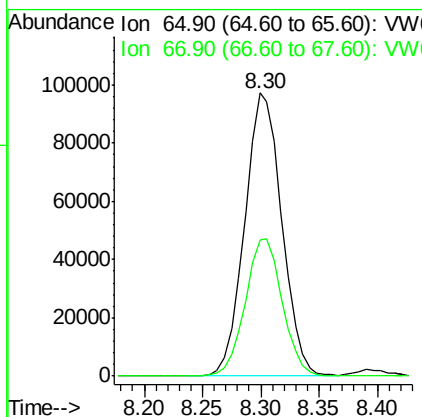
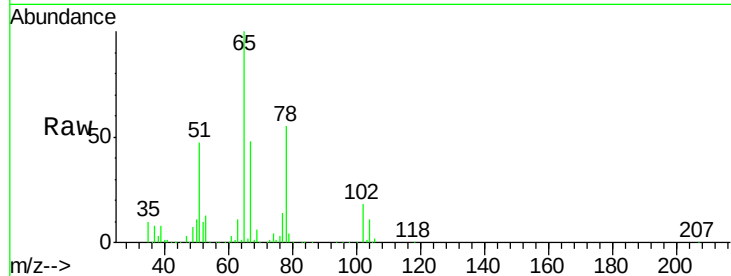
#33
 1,2-Dichloroethane-d4
 Concen: 54.801 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampled :
 VW0404SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	215158		
67	48.4	0.0	102.4	

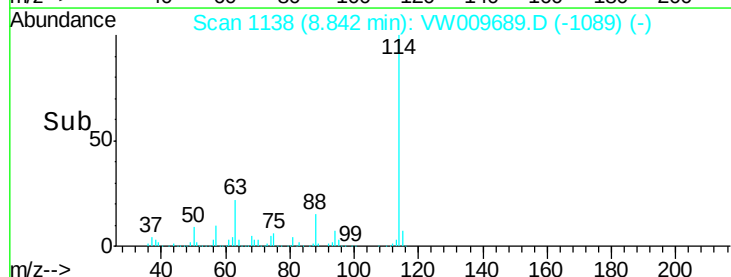
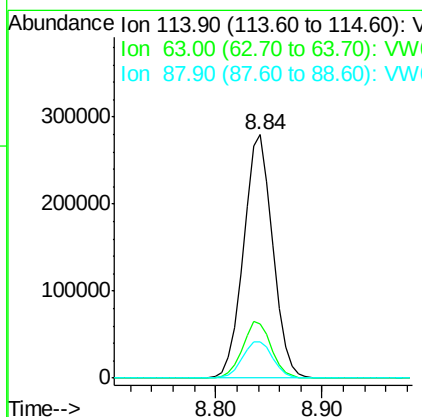
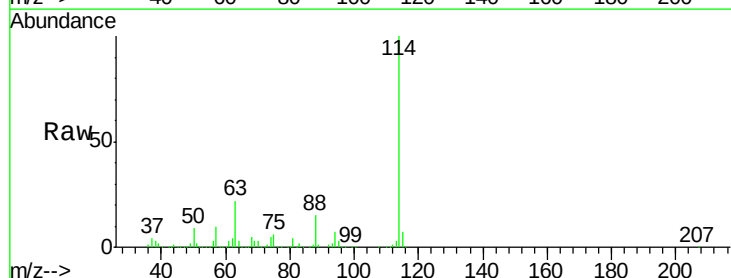
Manual Integrations
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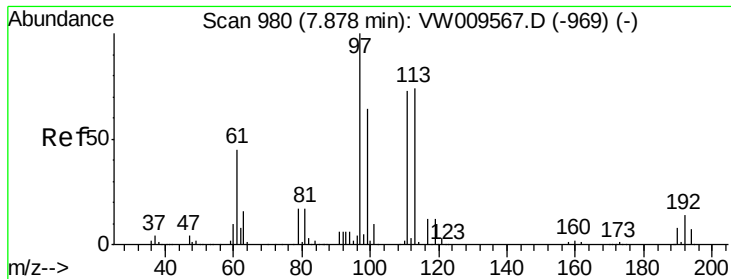
mohammad
 4/5/2019 3:51:01 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	537531		
63	22.4	0.0	42.2	
88	15.0	0.0	30.8	





#35

Dibromofluoromethane

Concen: 52.742 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

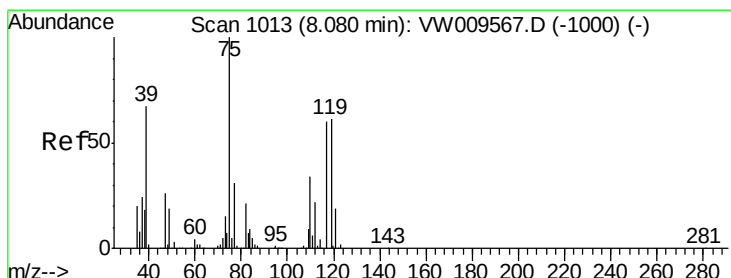
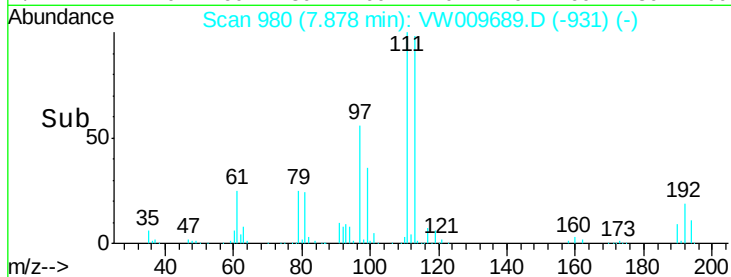
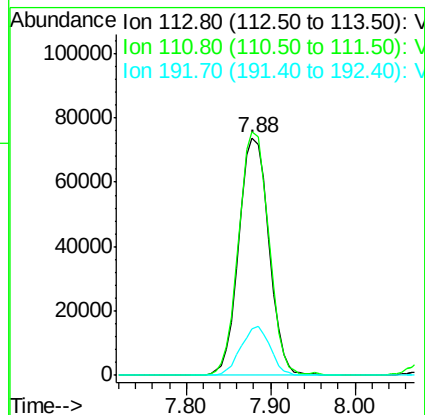
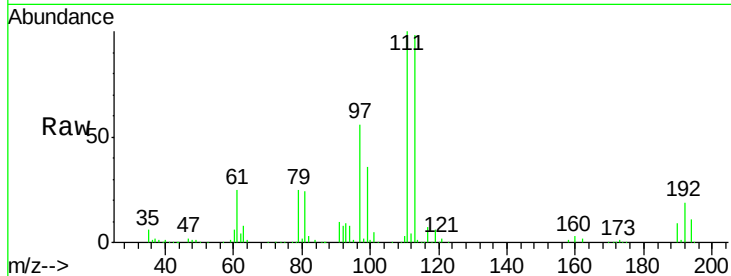
ClientSampled :

VW0404SBS01

Tot Ion:	113	Resp:	178064
Ion Ratio	Lower	Upper	
113	100		
111	102.7	82.6	124.0
192	19.9	16.4	24.6

Manual Integrations
APPROVED

mohammad
4/5/2019 3:51:01 PM



#36

1,1-Dichloropropene

Concen: 22.174 ug/l

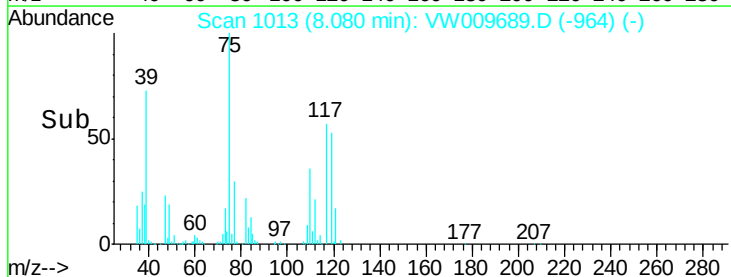
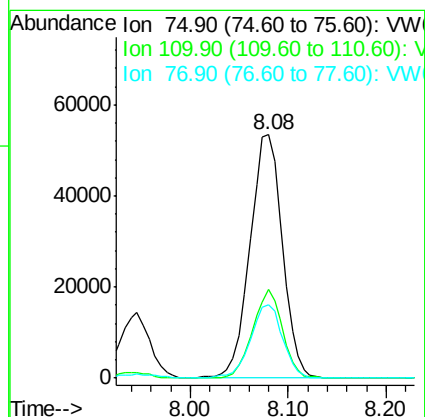
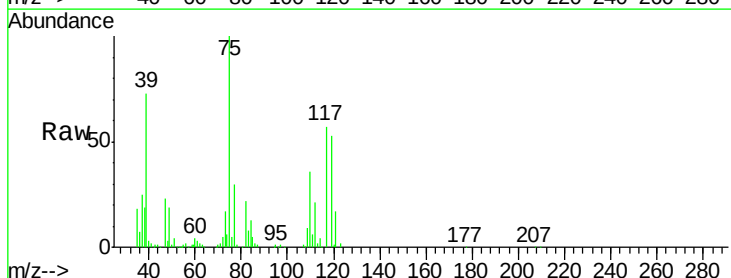
RT: 8.08 min Scan# 1013

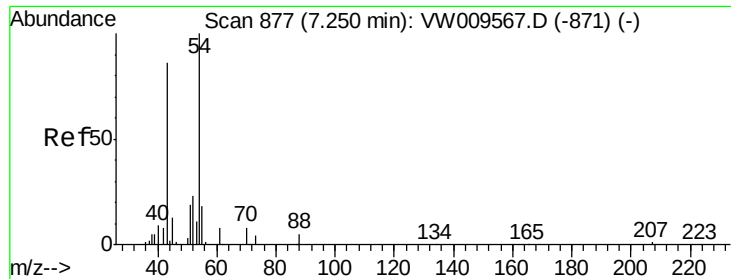
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	75	Resp:	123284
Ion Ratio	Lower	Upper	
75	100		
110	33.3	16.8	50.4
77	30.1	24.6	36.8





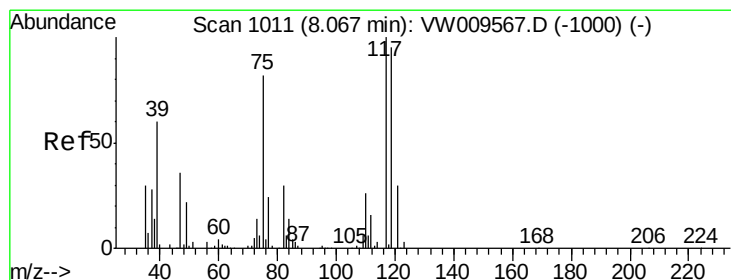
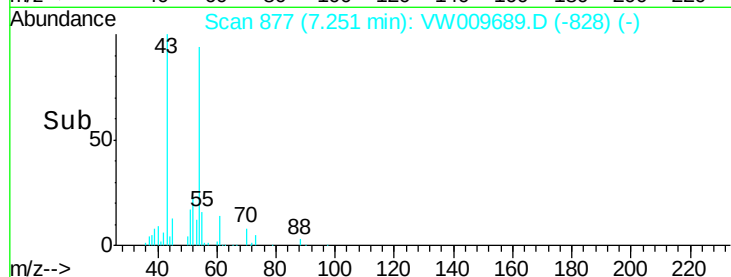
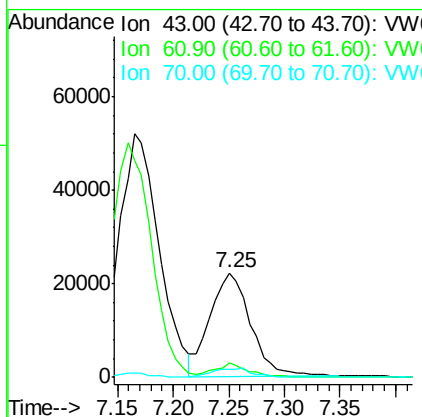
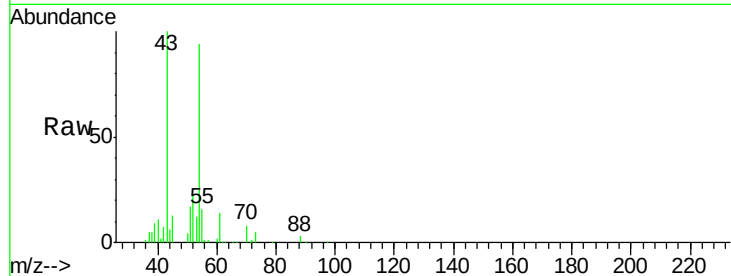
#37
Ethyl Acetate
Concen: 21.426 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.4	10.0	15.0
70	8.8	7.3	10.9

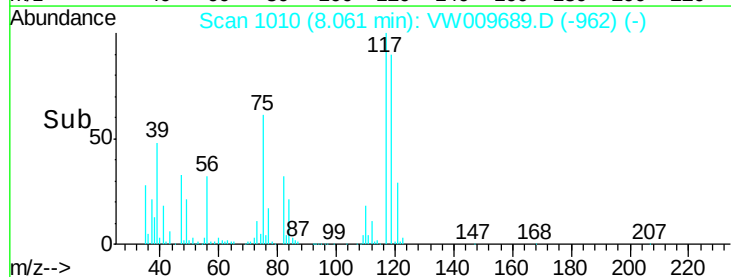
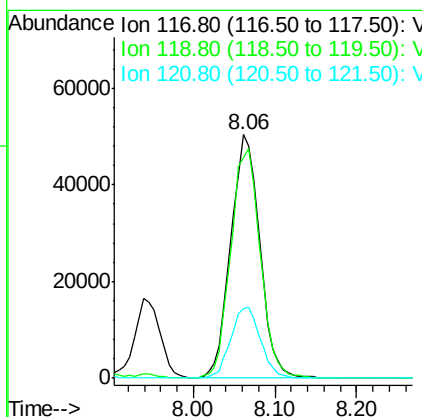
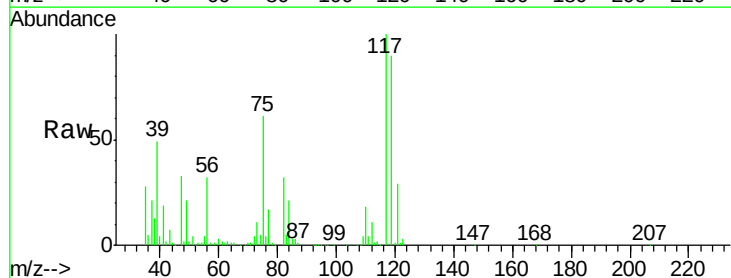
Manual Integrations
APPROVED

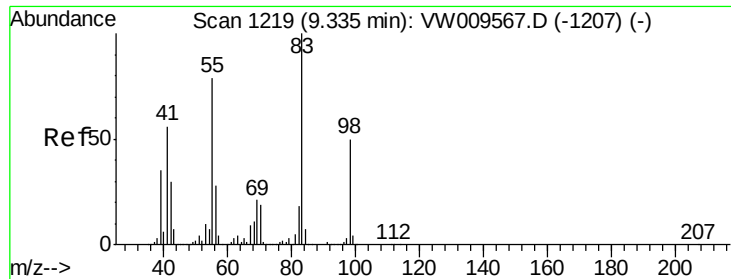
mohammad
4/5/2019 3:51:01 PM



#38
Carbon Tetrachloride
Concen: 21.730 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	90.5	75.4	113.0
121	28.7	24.9	37.3





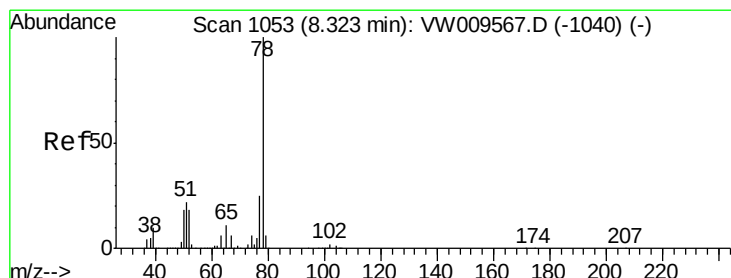
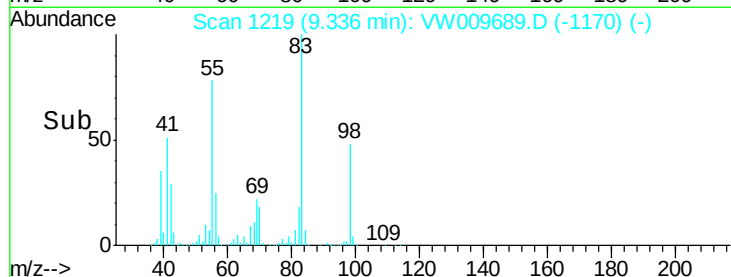
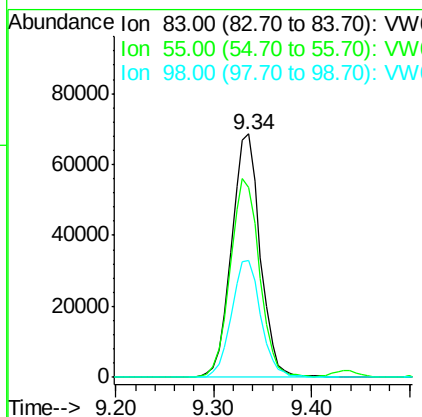
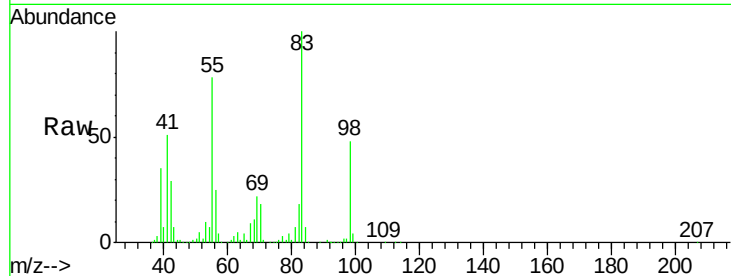
#39
Methylvlcyclohexane
Concen: 21.999 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampled :
VW0404SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	139712		
55	78.0		61.1	91.7
98	48.2		39.0	58.4

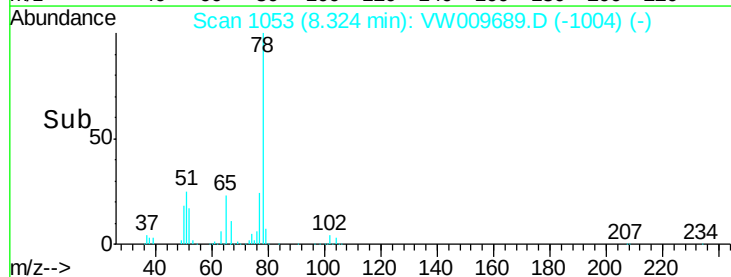
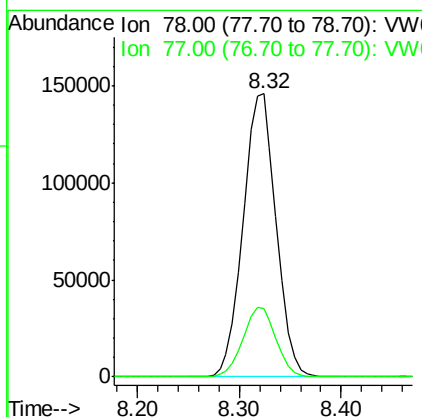
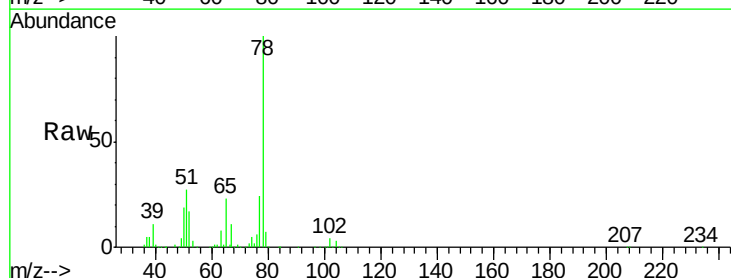
Manual Integrations
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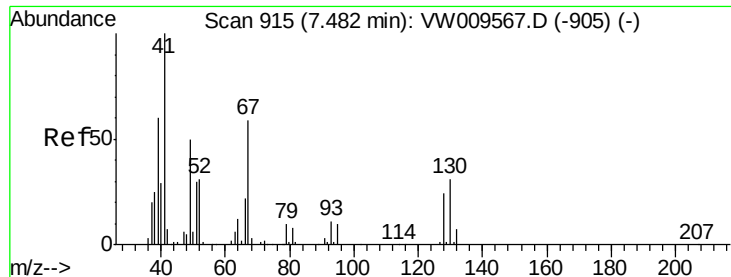
mohammad
4/5/2019 3:51:01 PM



#40
Benzene
Concen: 21.766 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	327792		
77	24.1		19.8	29.6





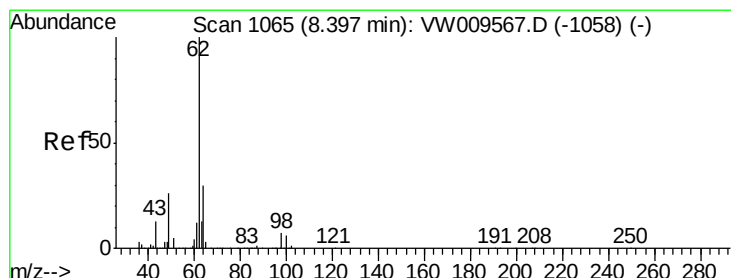
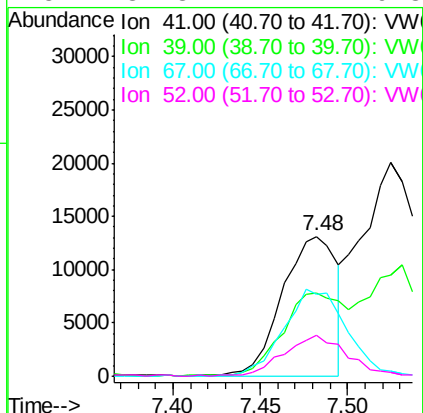
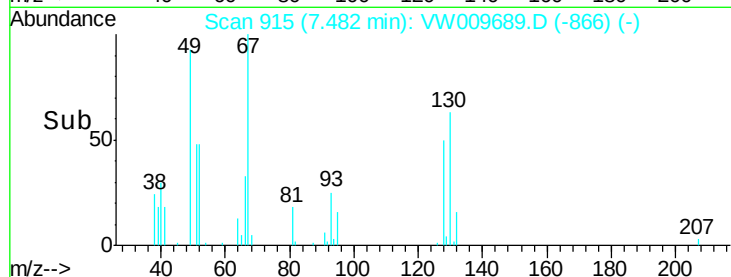
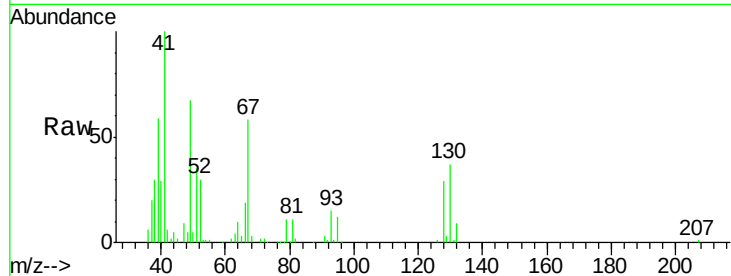
#41
Methacrylonitrile
Concen: 19.262 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	41	Resp	28635
Ion Ratio	Lower	Upper	
41	100		
39	68.7	52.5	78.7
67	72.4	56.6	84.8
52	34.3	27.2	40.8

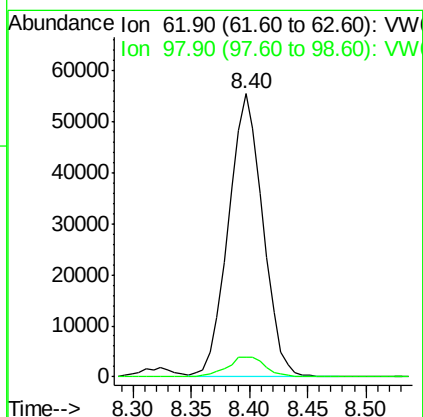
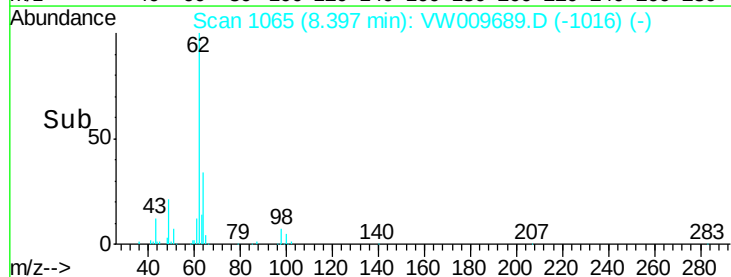
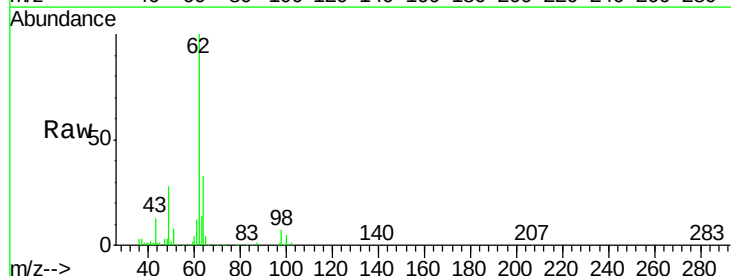
Manual Integrations
APPROVED

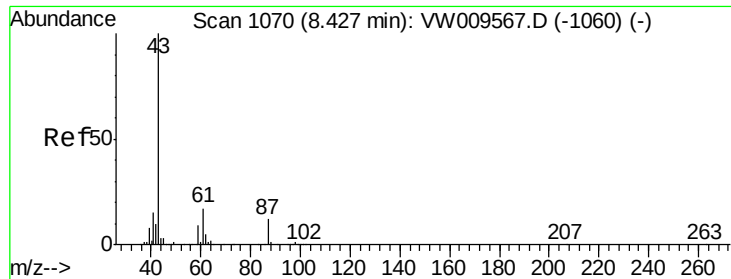
mohammad
4/5/2019 3:51:01 PM



#42
1,2-Dichloroethane
Concen: 22.124 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	62	Resp	113586
Ion Ratio	Lower	Upper	
62	100		
98	7.7	0.0	17.4





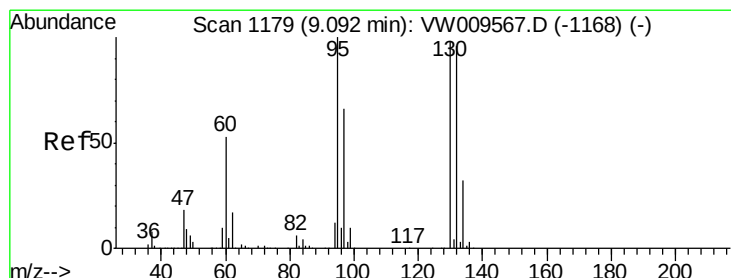
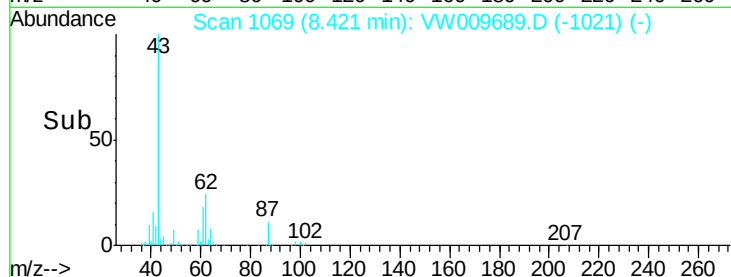
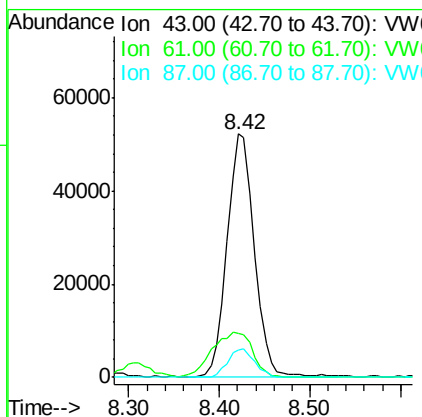
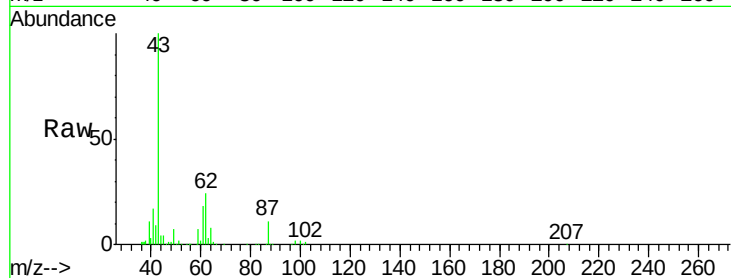
#43
Isopropyl Acetate
Concen: 21.249 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.5	22.2	33.2
87	11.4	9.6	14.4

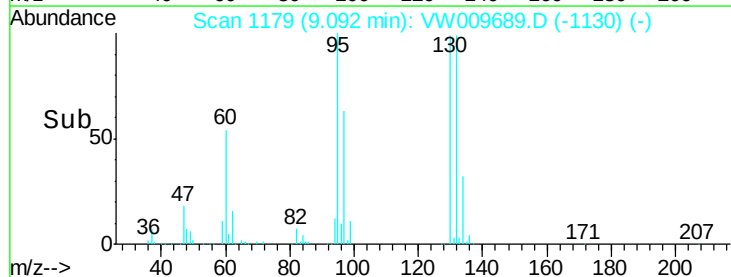
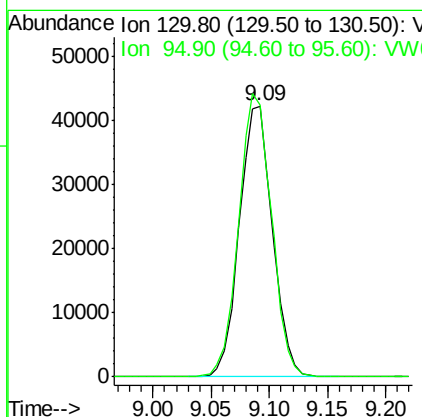
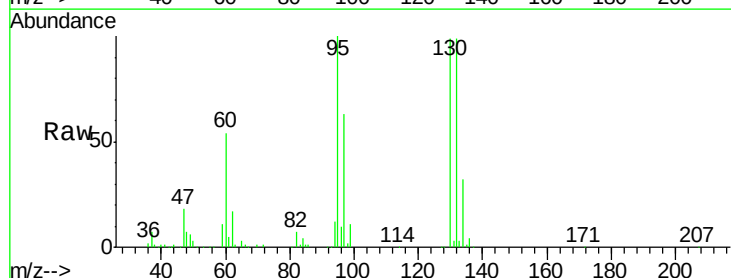
Manual Integrations
APPROVED

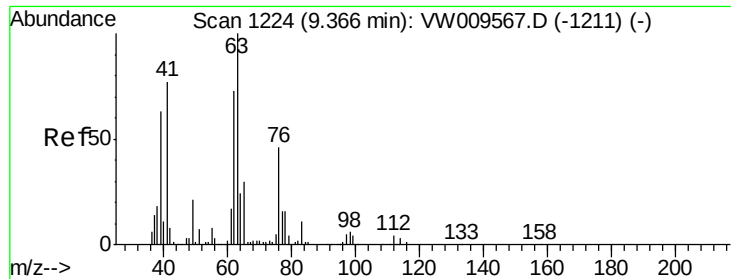
mohammad
4/5/2019 3:51:01 PM



#44
Trichloroethene
Concen: 21.530 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.5	0.0	192.6





#45

1,2-Dichloropropane

Concen: 21.580 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion: 63 Resp: 83186

Ion Ratio Lower Upper

63 100

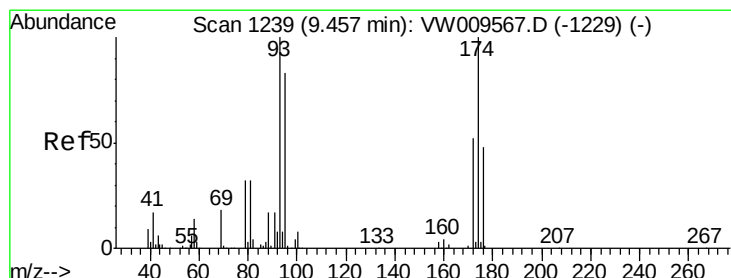
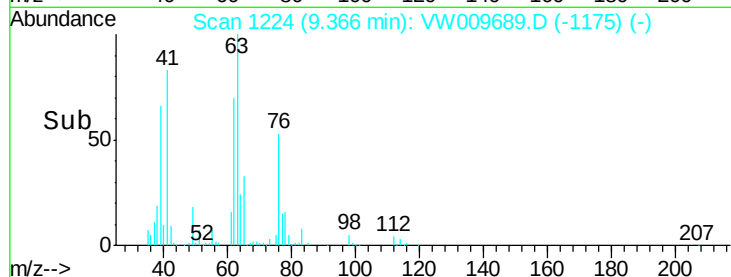
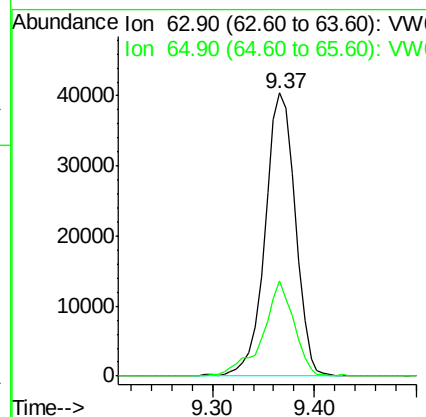
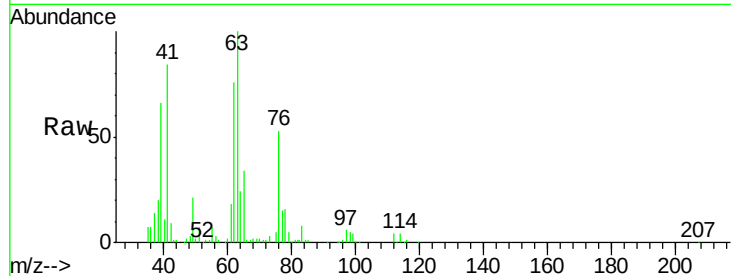
65 33.8 25.8 38.8

Manual Integrations

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4/5/2019 3:51:01 PM



#46

Dibromomethane

Concen: 21.354 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

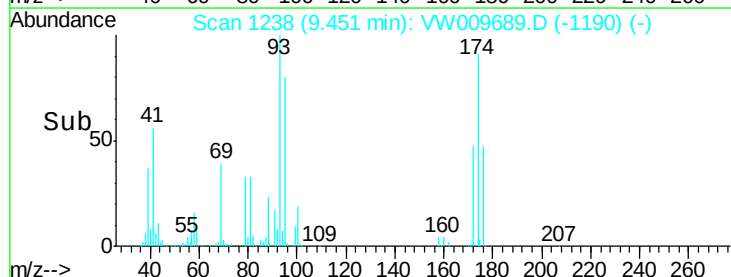
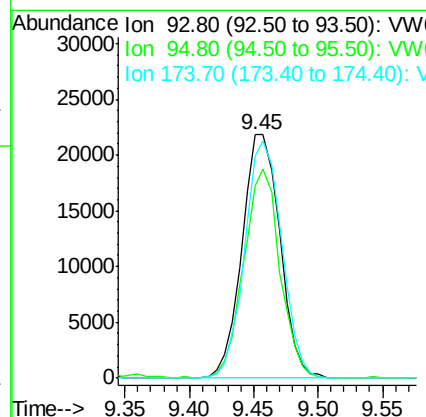
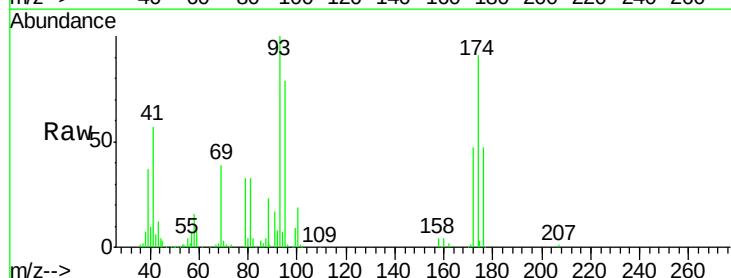
Tgt Ion: 93 Resp: 44590

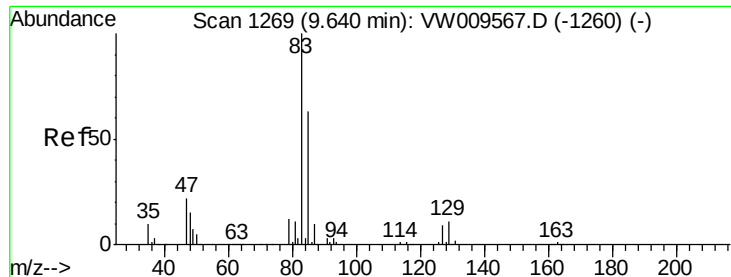
Ion Ratio Lower Upper

93 100

95 81.6 66.9 100.3

174 94.7 80.8 121.2





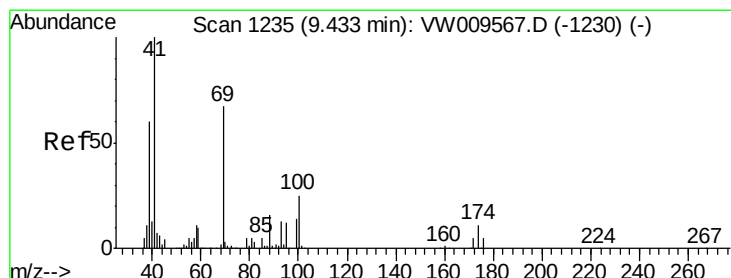
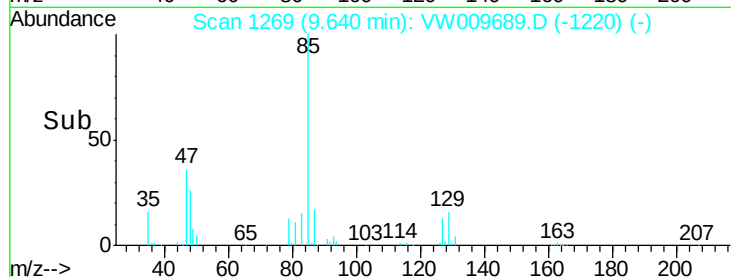
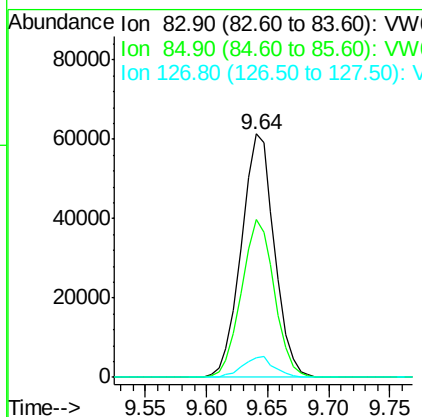
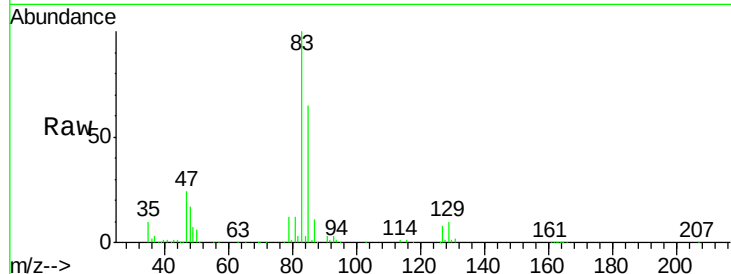
#47
Bromodichloromethane
Concen: 21.624 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	115184		
85	65.1	52.6	79.0	
127	8.2	6.5	9.7	

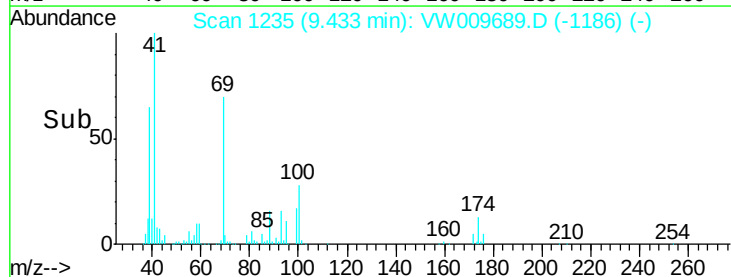
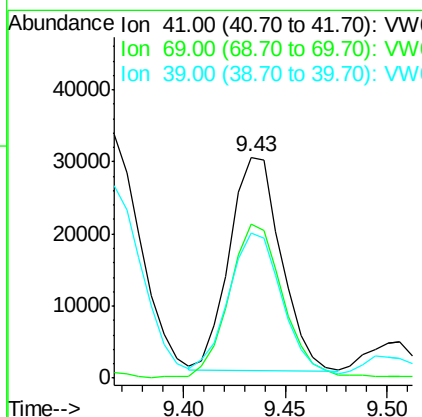
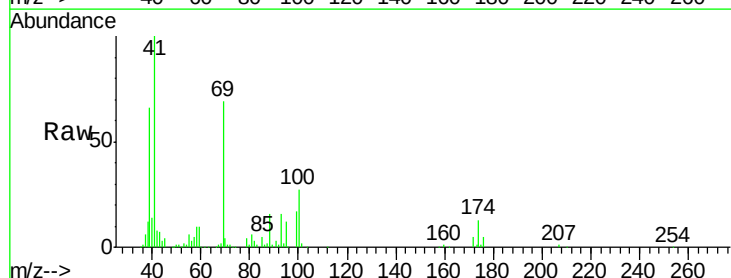
Manual Integrations
APPROVED

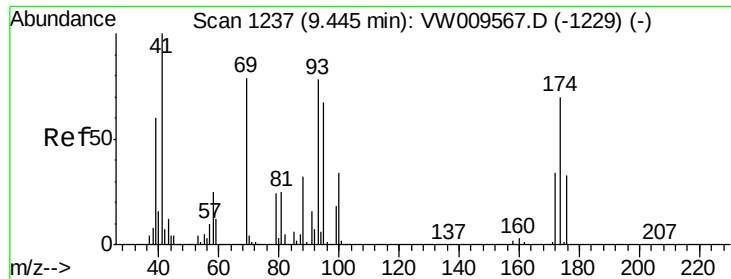
mohammad
4/5/2019 3:51:01 PM



#48
Methyl methacrylate
Concen: 21.577 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	52360		
69	75.5	63.0	94.6	
39	71.0	57.2	85.8	





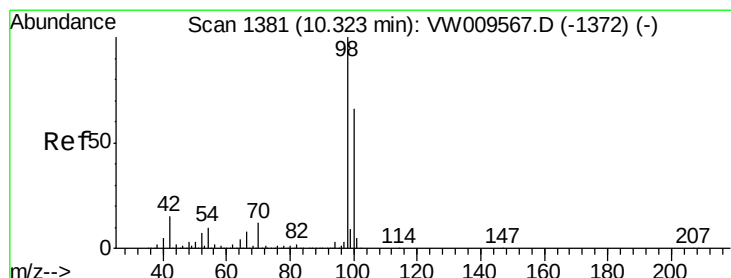
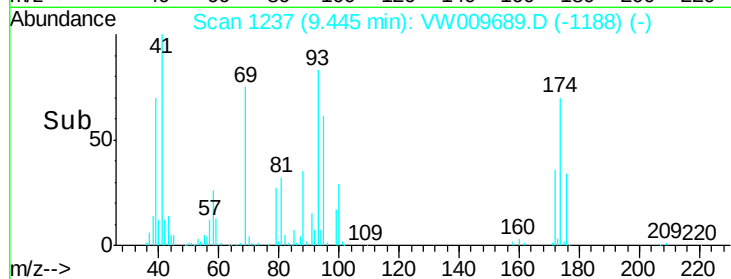
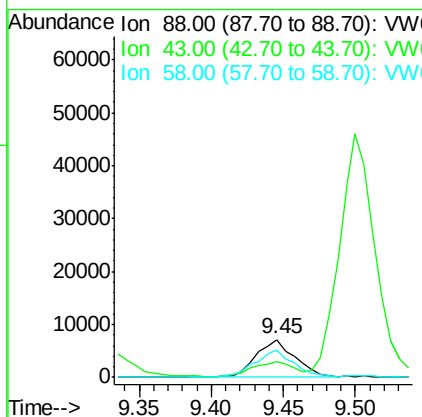
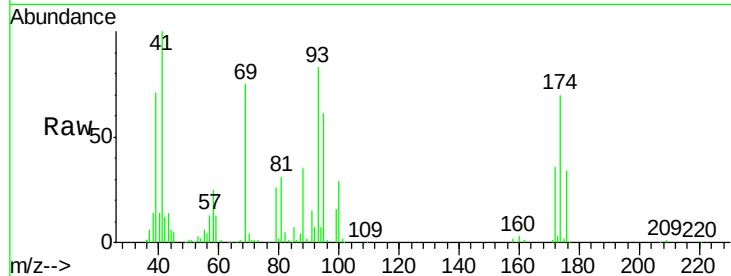
#49
1,4-Dioxane
Concen: 432.389 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	88	Resp	13446
Ion Ratio	Lower	Upper	
88	100		
43	42.1	29.7	44.5
58	72.7	58.1	87.1

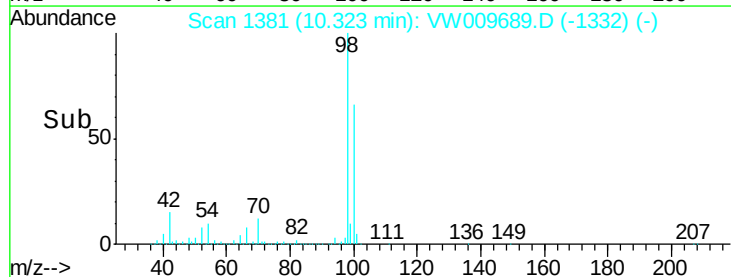
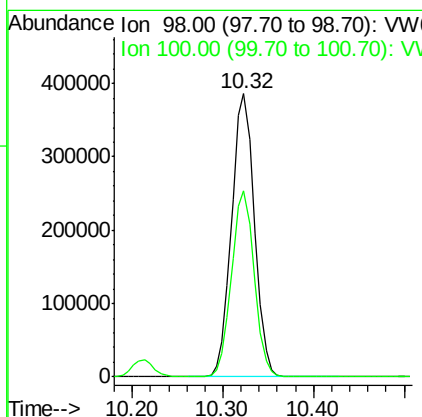
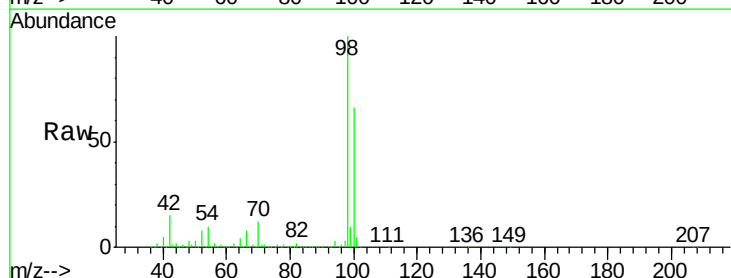
Manual Integrations
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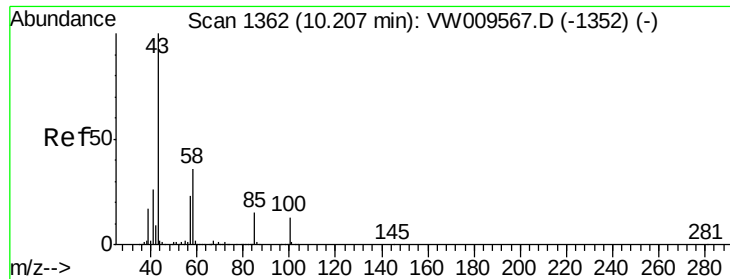
mohammad
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#50
Toluene-d8
Concen: 54.035 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	98	Resp	674279
Ion Ratio	Lower	Upper	
98	100		
100	65.3	52.6	79.0





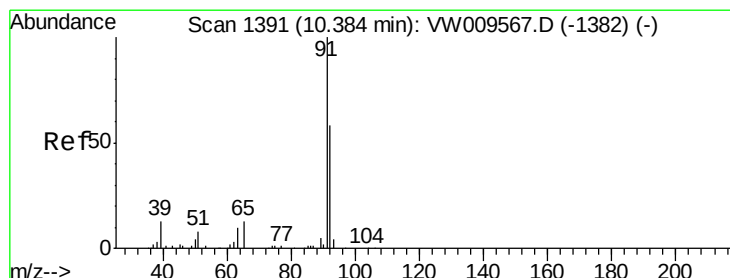
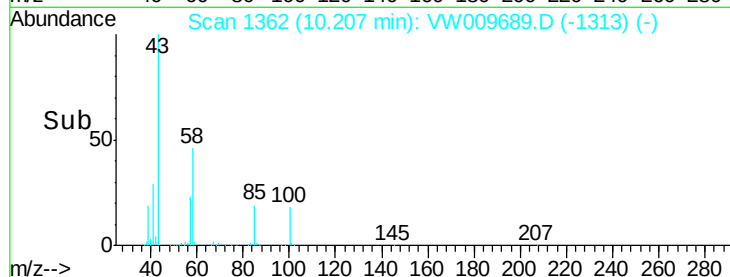
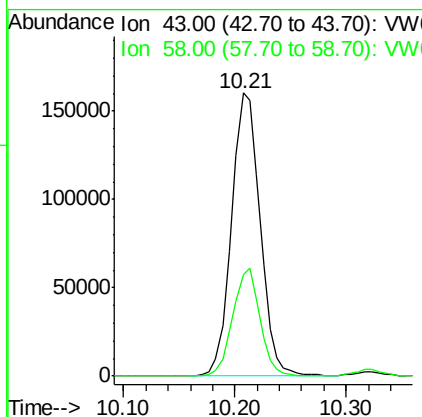
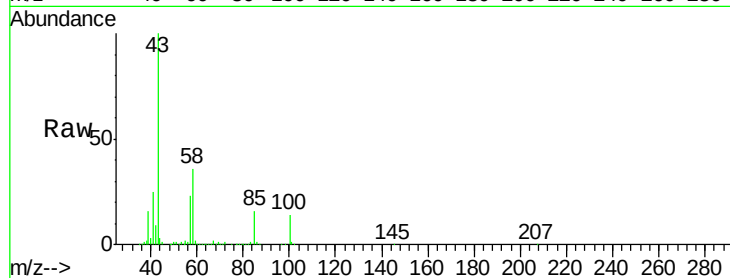
#51
4-Methyl-2-Pentanone
Concen: 102.835 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	43	58	Ratio	Lower	Upper
284823	100	36.3		28.6	42.8

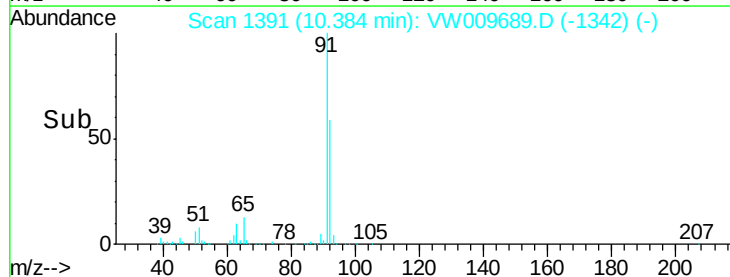
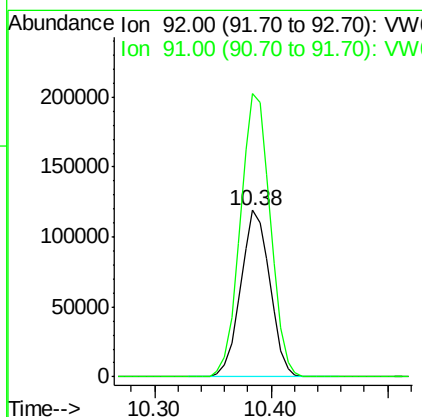
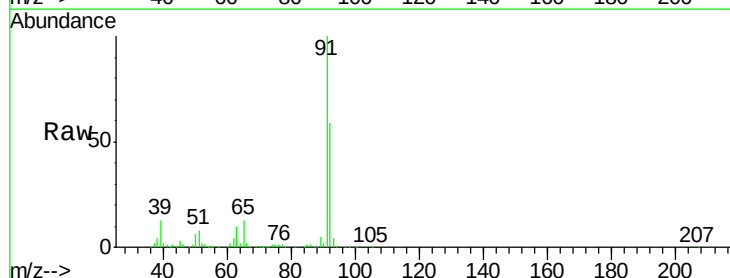
Manual Integrations
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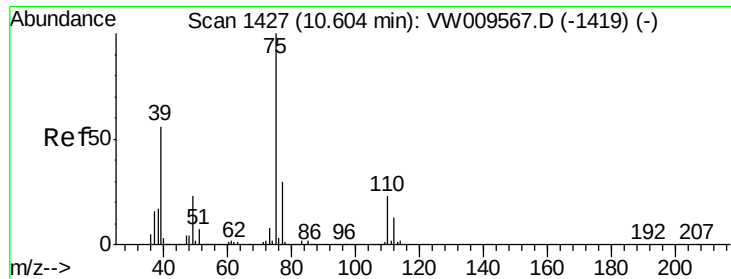
mohammad
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#52
Toluene
Concen: 22.085 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	92	91	Ratio	Lower	Upper
208282	100	174.7		140.1	210.1





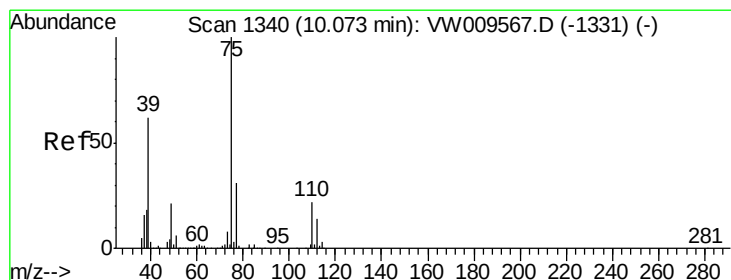
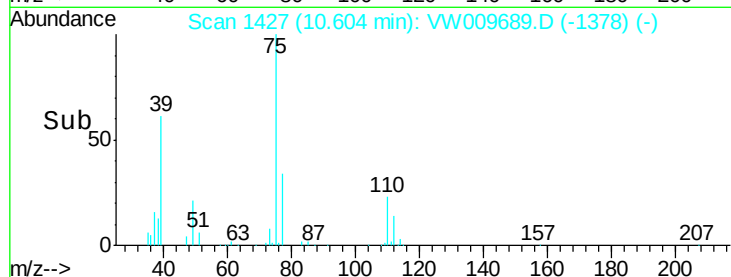
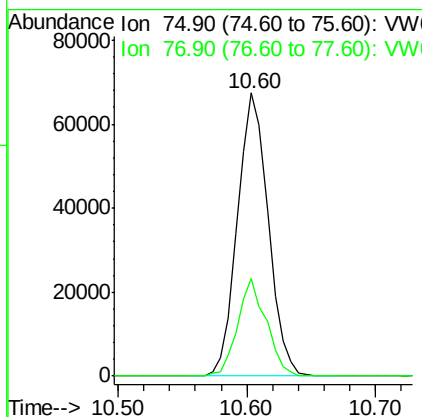
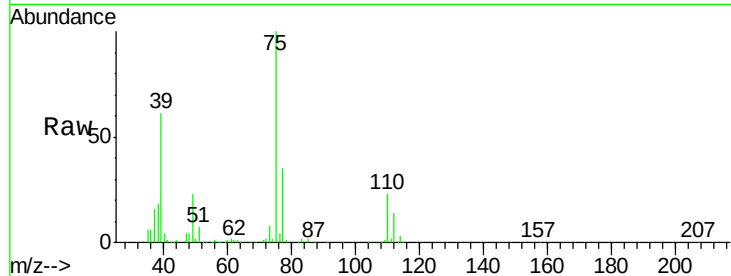
#53
t-1,3-Dichloropropene
Concen: 21.402 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	111625		
77	34.5	24.8	37.2	

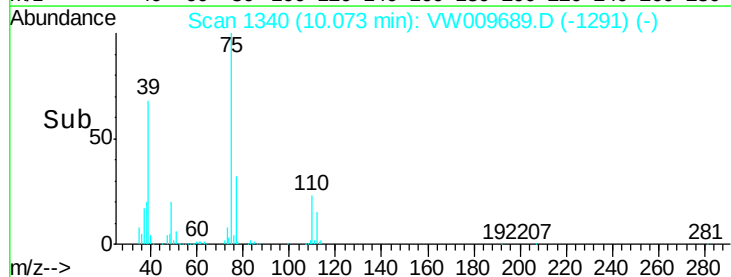
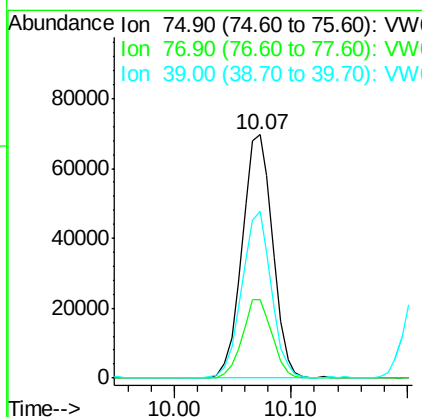
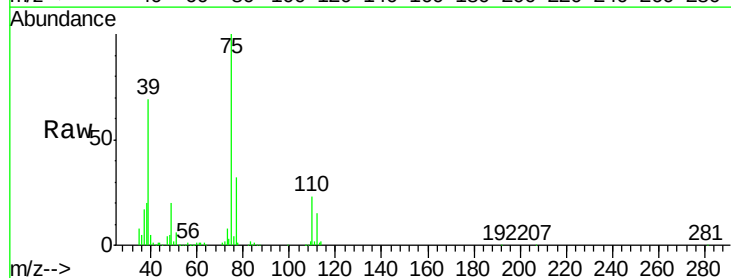
Manual Integrations
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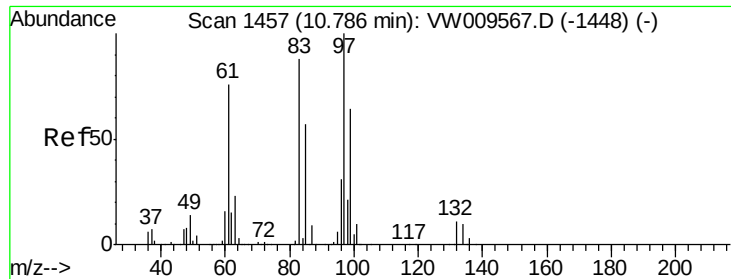
mohammad
4/5/2019 3:51:01 PM



#54
cis-1,3-Dichloropropene
Concen: 22.060 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	127571		
77	32.3	25.9	38.9	
39	68.4	46.8	70.2	





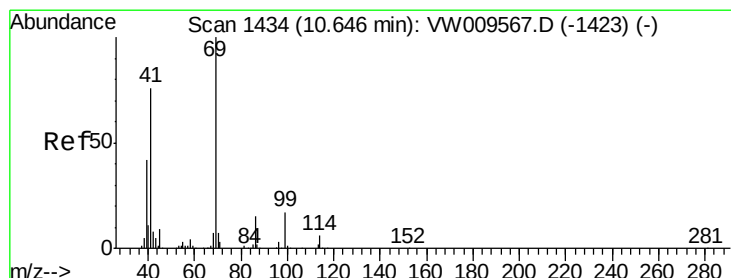
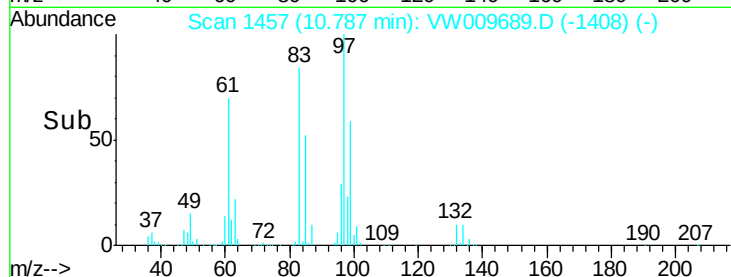
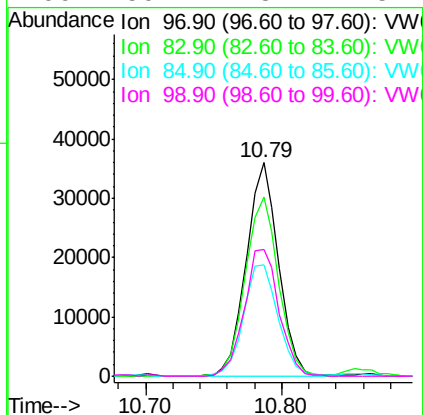
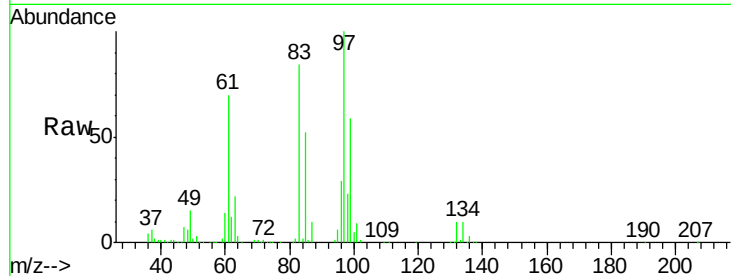
#55
 1,1,2-Trichloroethane
 Concen: 21.216 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		59884		
83	84.1	66.3	99.5		
85	52.4	41.4	62.2		
99	59.1	48.7	73.1		

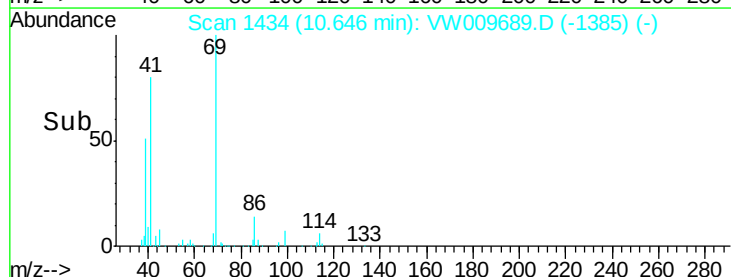
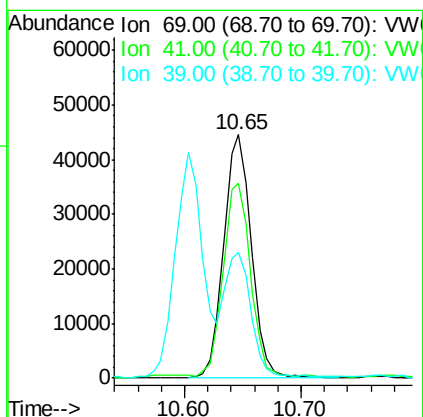
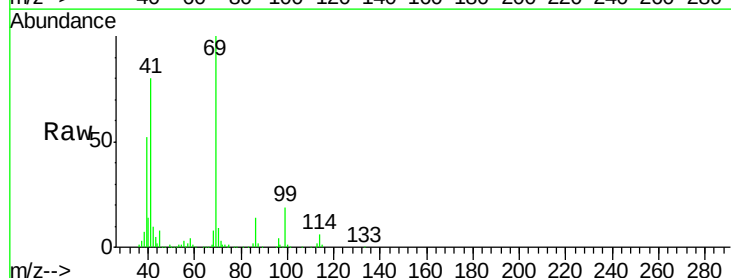
Manual Integrations
 APPROVED

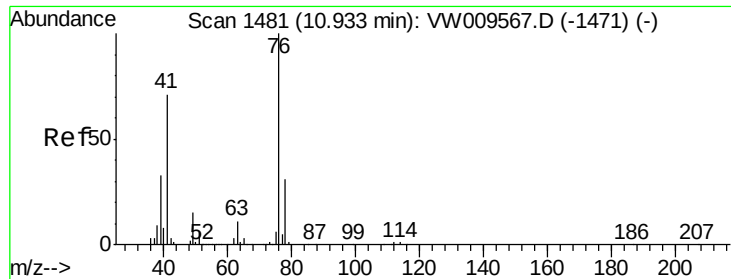
mohammad
 4/5/2019 3:51:01 PM



#56
 Ethyl methacrylate
 Concen: 21.193 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		73592		
41	78.3	59.3	88.9		
39	48.3	36.2	54.2		





#57

1,3-Dichloropropane

Concen: 21.090 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion: 76 Resp: 105516

Ion Ratio Lower Upper

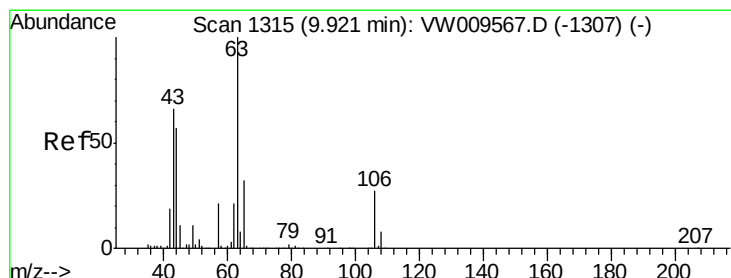
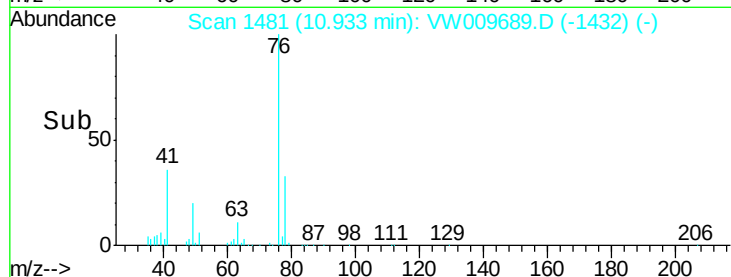
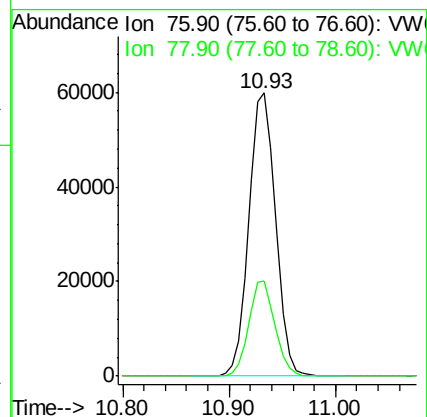
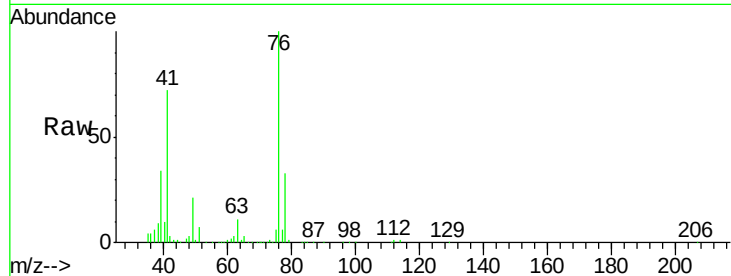
76 100

78 32.8 25.8 38.6

Manual Integrations
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4/5/2019 3:51:01 PM



#58

2-Chloroethyl Vinyl ether

Concen: 98.377 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009689.D

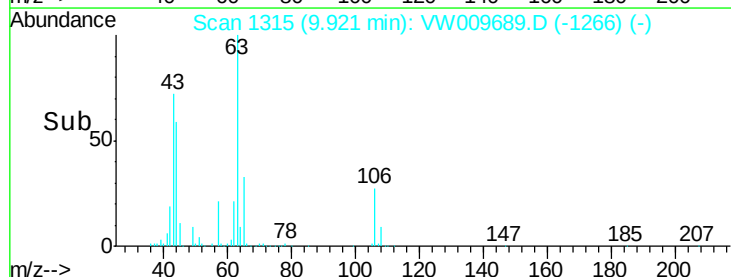
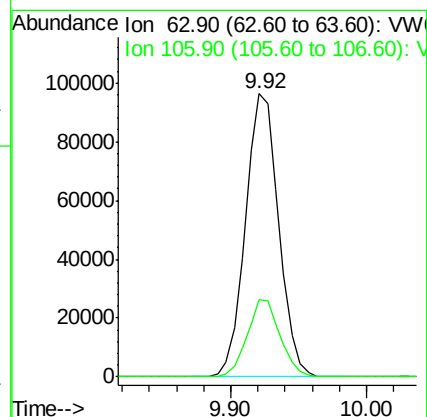
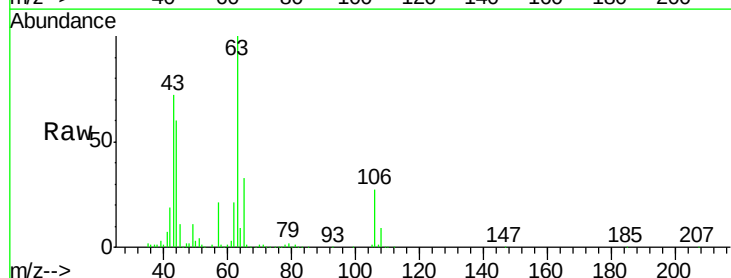
Acq: 04 Apr 2019 11:55

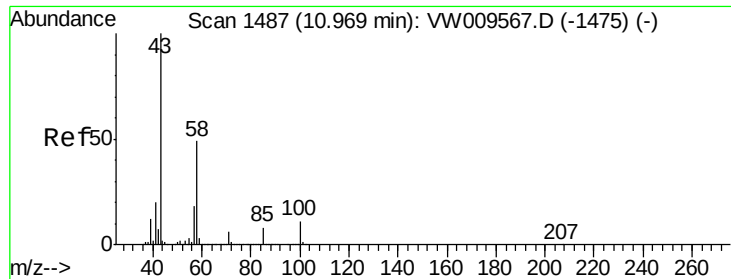
Tgt Ion: 63 Resp: 164447

Ion Ratio Lower Upper

63 100

106 27.1 22.9 34.3





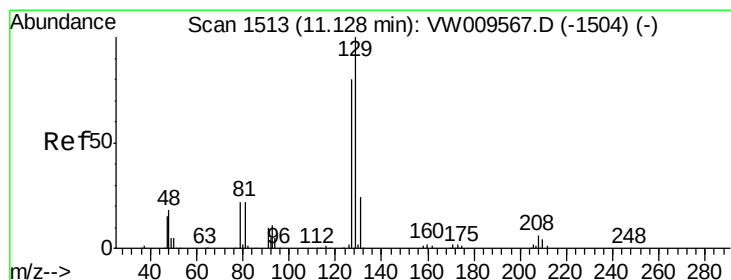
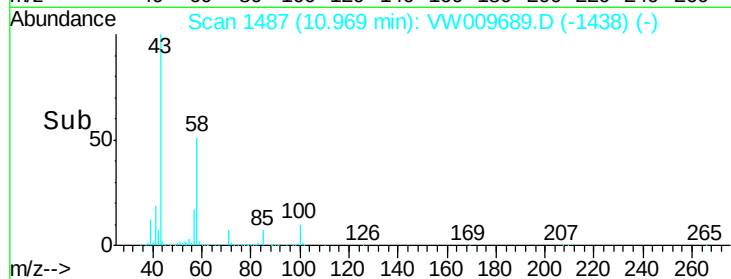
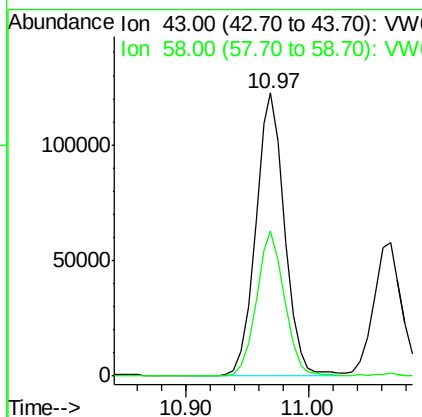
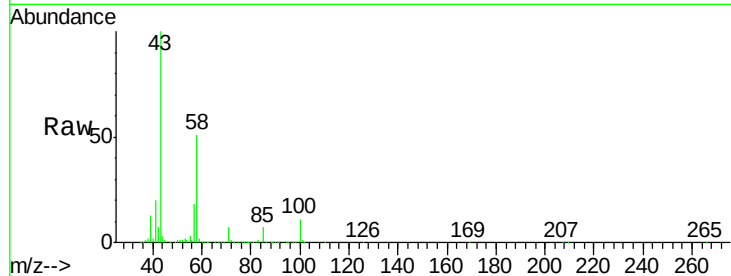
#59
2-Hexanone
Concen: 104.730 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion: 43 Resp: 200750
Ion Ratio Lower Upper
43 100
58 49.8 24.2 72.6

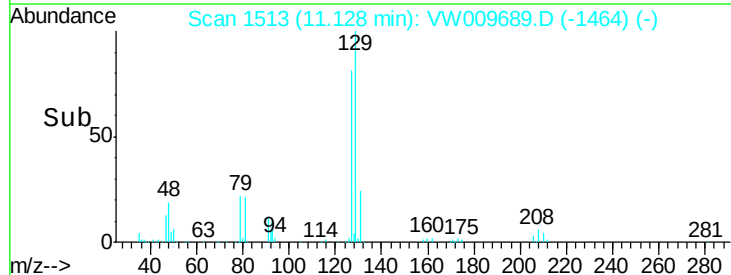
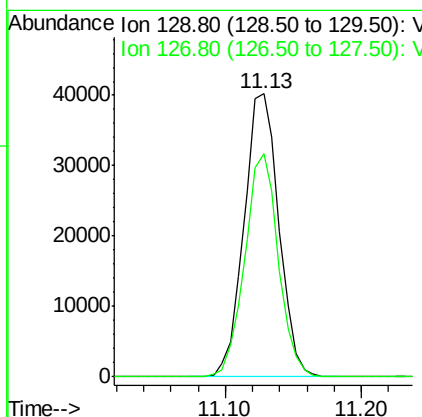
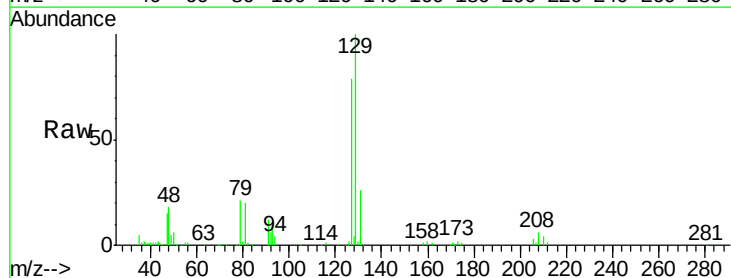
Manual Integrations
APPROVED

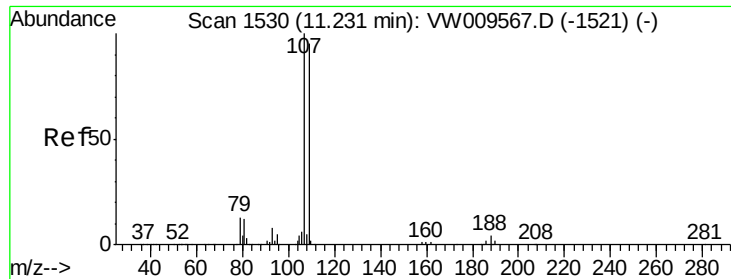
mohammad
4/5/2019 3:51:01 PM



#60
Dibromochloromethane
Concen: 21.193 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion: 129 Resp: 72229
Ion Ratio Lower Upper
129 100
127 75.9 38.1 114.5





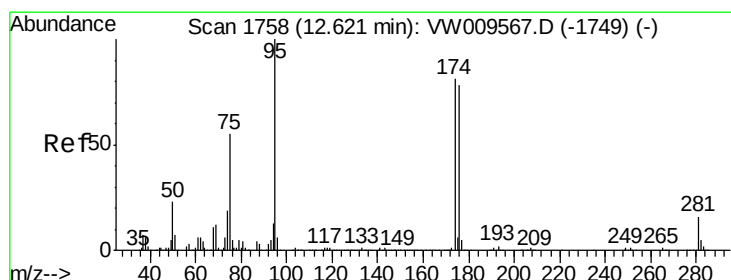
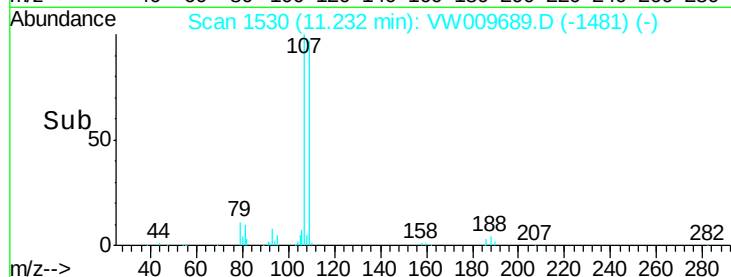
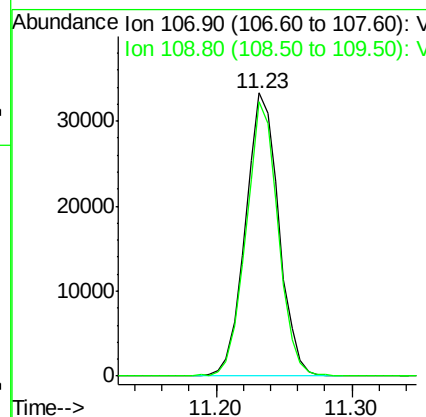
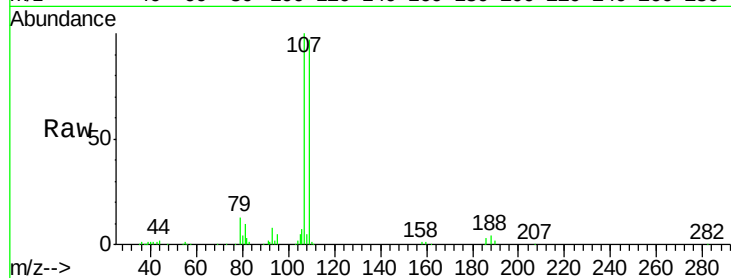
#61
 1,2-Dibromoethane
 Concen: 21.049 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.1	112.7

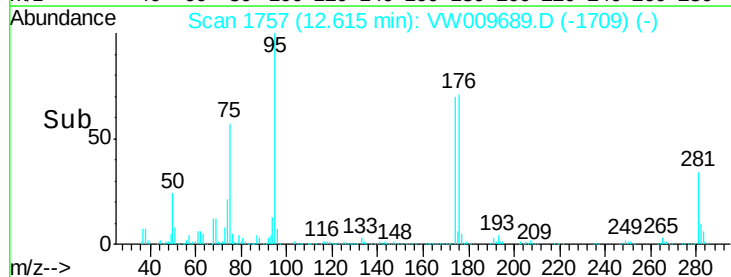
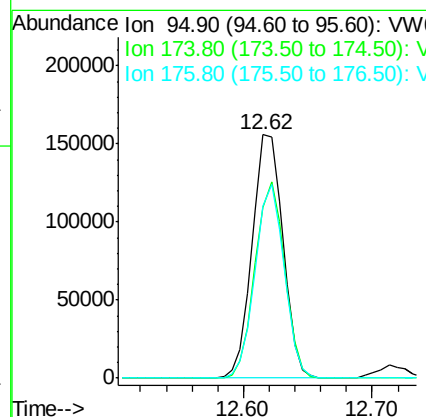
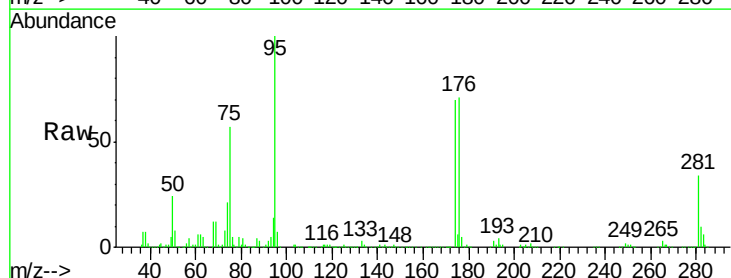
Manual Integrations
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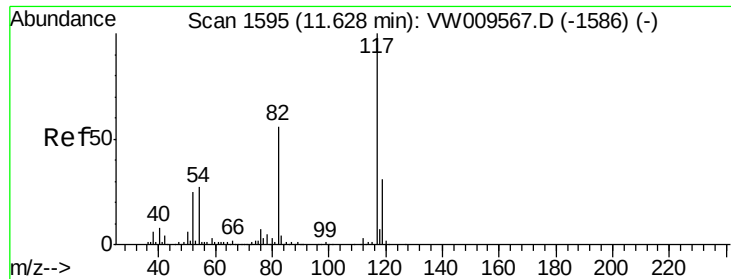
mohammad
 4/5/2019 3:51:01 PM



#62
 4-Bromofluorobenzene
 Concen: 54.994 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.7	0.0	168.4
176	75.6	0.0	161.6





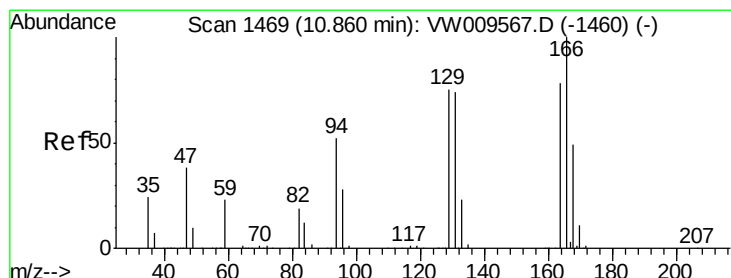
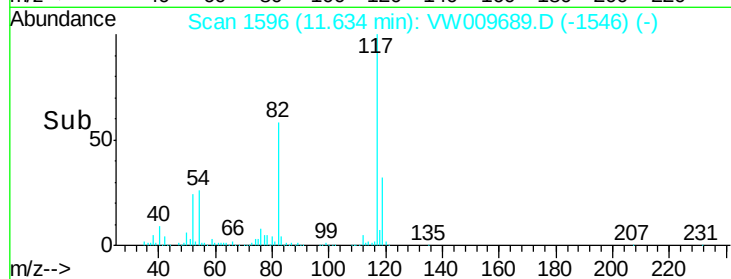
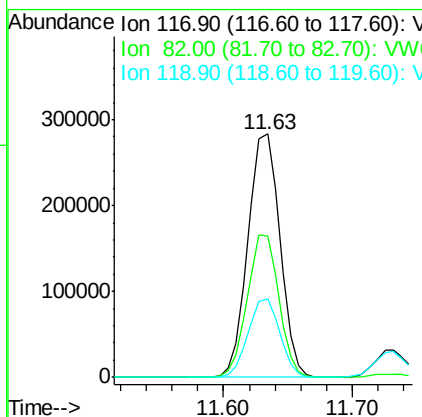
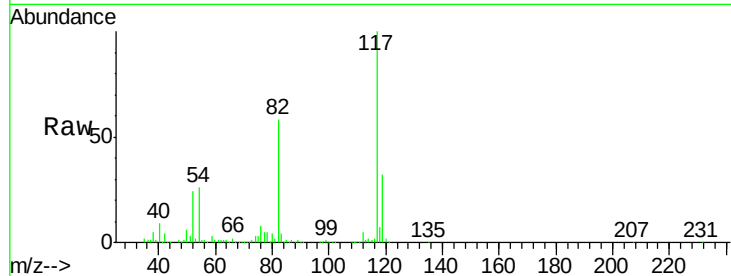
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	43.6	65.4
119	32.5	26.0	39.0

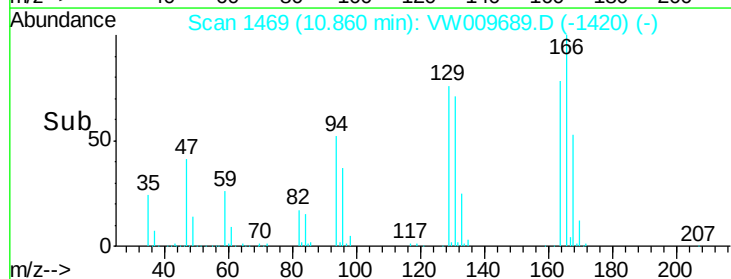
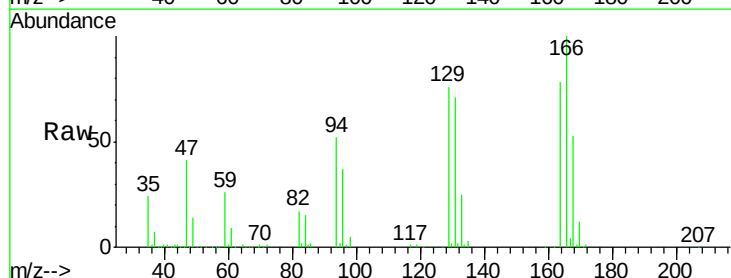
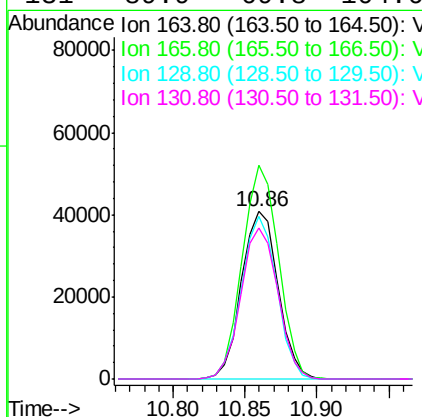
Manual Integrations
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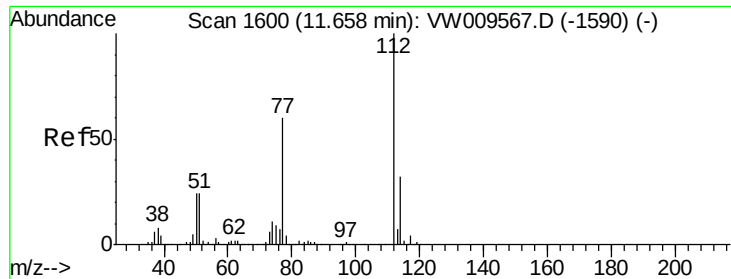
mohammad
4/5/2019 3:51:01 PM



#64
Tetrachloroethene
Concen: 21.727 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.5	100.9	151.3
129	96.8	72.0	108.0
131	89.9	69.8	104.6





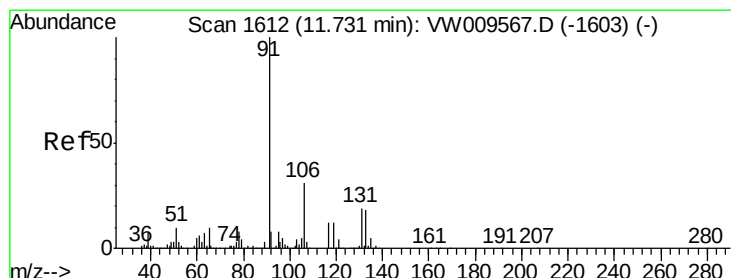
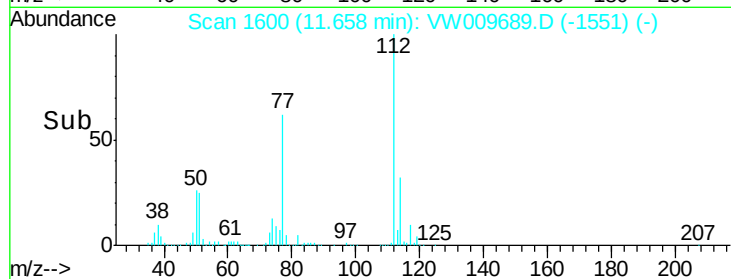
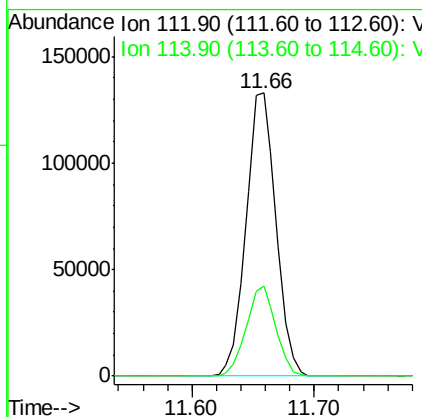
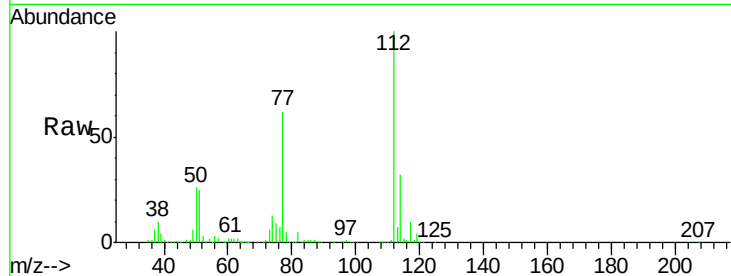
#65
Chlorobenzene
Concen: 22.093 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampled :
VW0404SBS01

Tot Ion:112 Resp: 226247
Ion Ratio Lower Upper
112 100
114 31.8 25.6 38.4

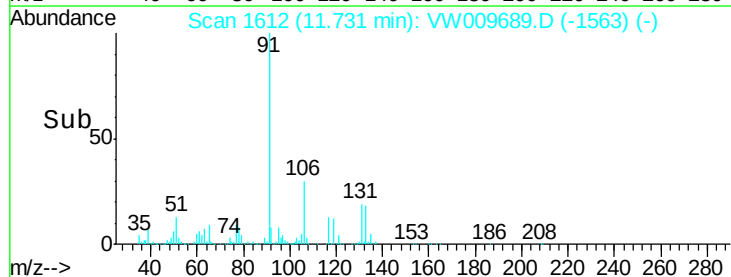
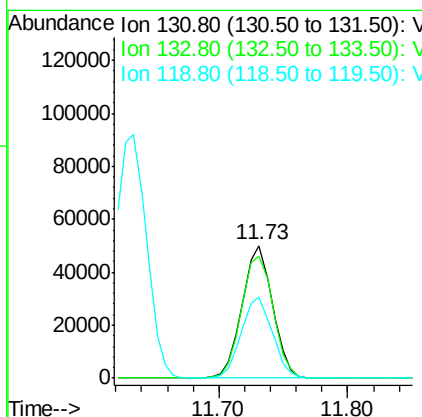
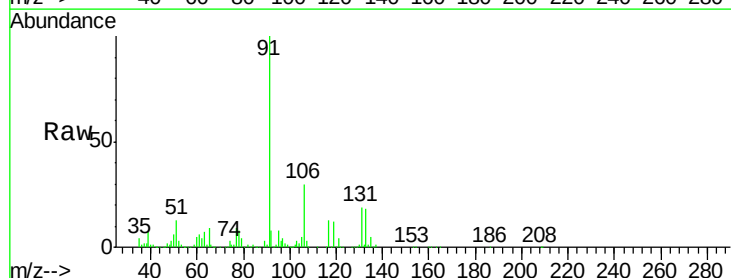
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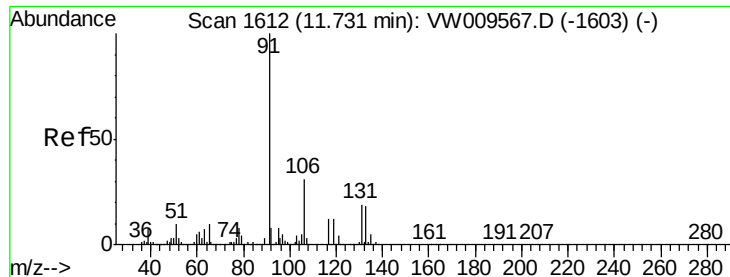
mohammad
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.888 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion:131 Resp: 81672
Ion Ratio Lower Upper
131 100
133 95.9 47.3 141.8
119 62.7 31.6 95.0





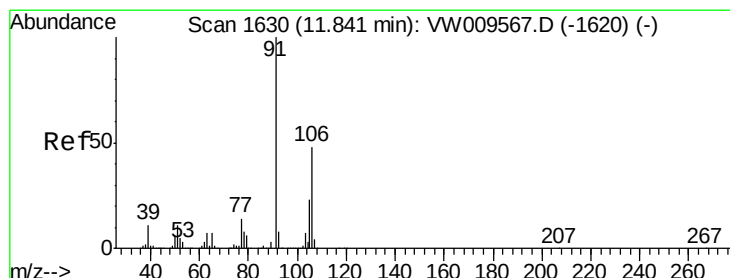
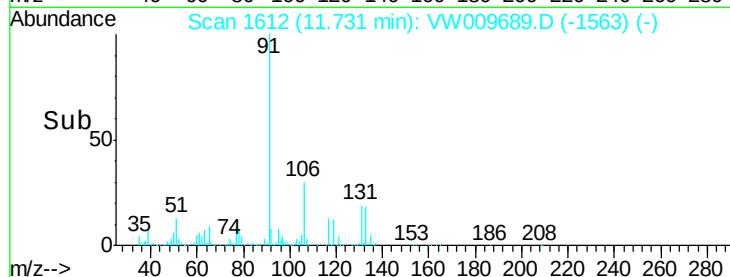
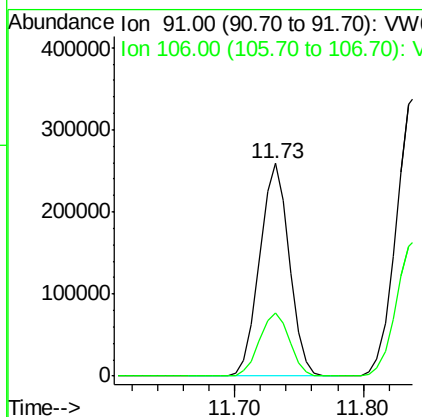
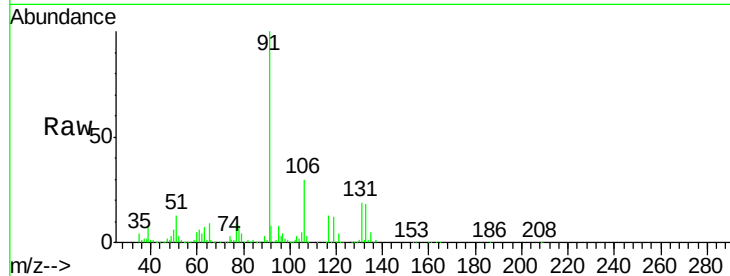
#67
Ethyl Benzene
Concen: 22.789 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	30.0	24.6	36.8

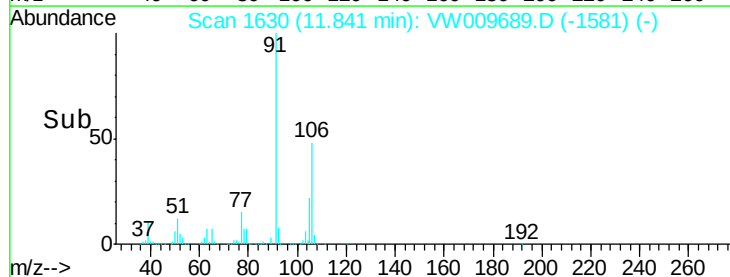
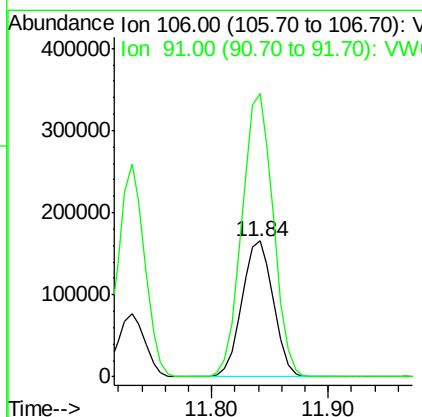
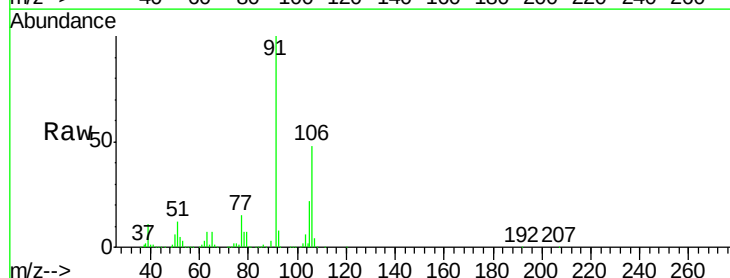
Manual Integrations
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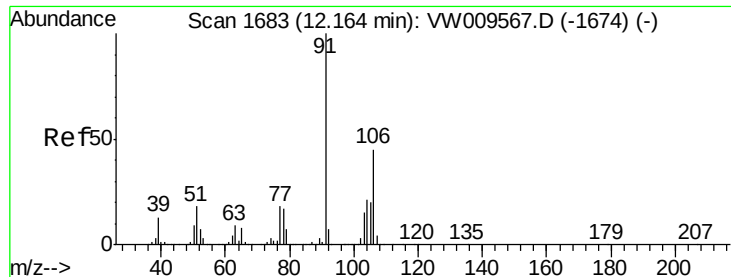
mohammad
4/5/2019 3:51:01 PM



#68
m/p-Xylenes
Concen: 45.420 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
106	100		
91	207.7	163.1	244.7





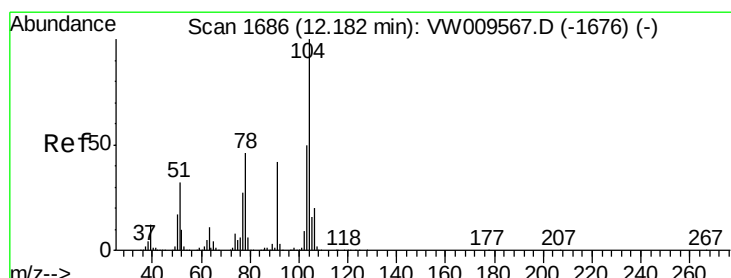
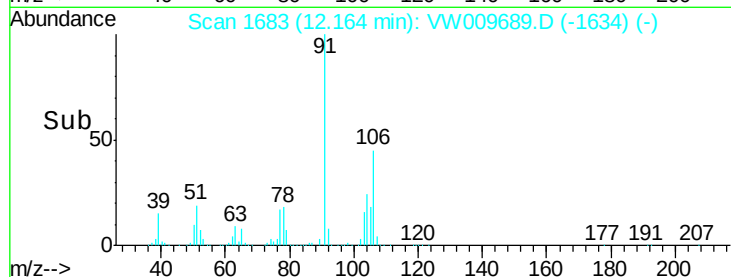
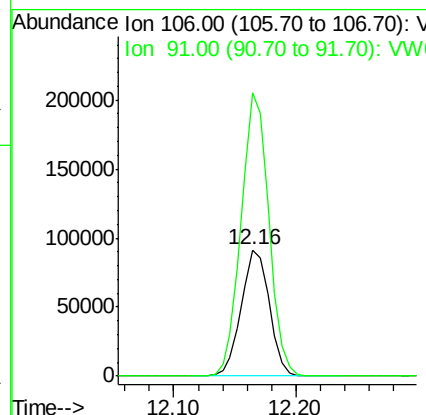
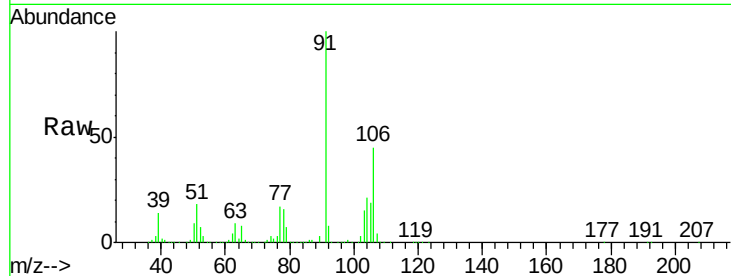
#69
o-Xylene
Concen: 22.813 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		145546		
91	220.4	108.6	325.8		

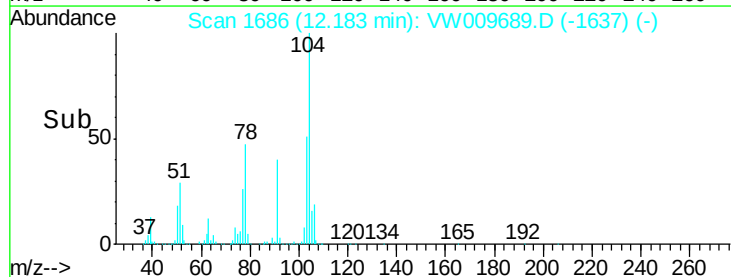
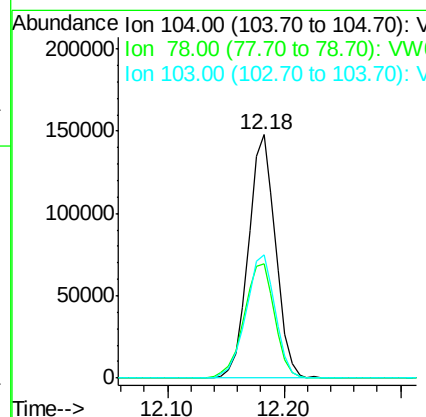
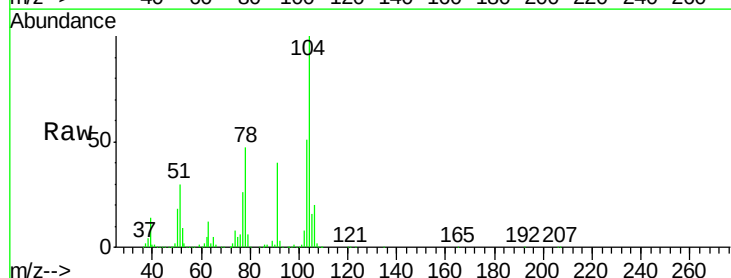
Manual Integrations
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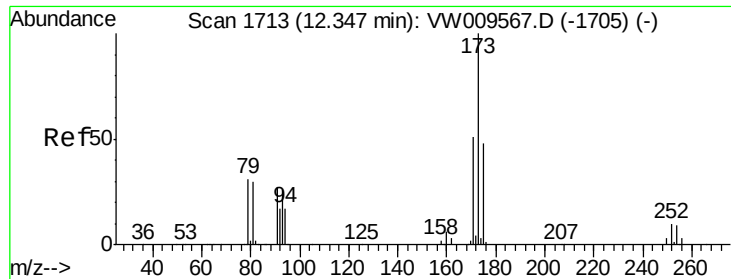
mohammad
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#70
Styrene
Concen: 22.477 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		239526		
78	52.8	42.2	63.4		
103	54.9	44.6	66.8		





#71

Bromoform

Concen: 20.439 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

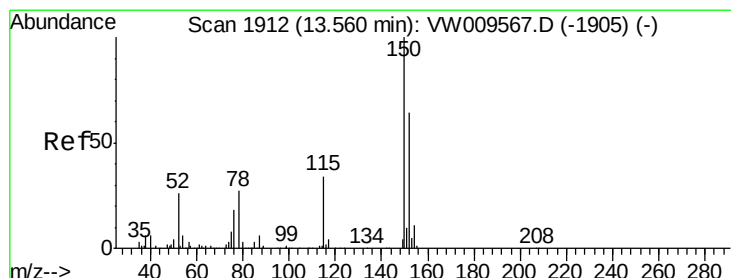
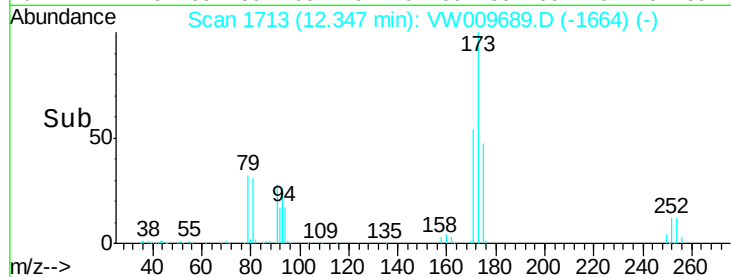
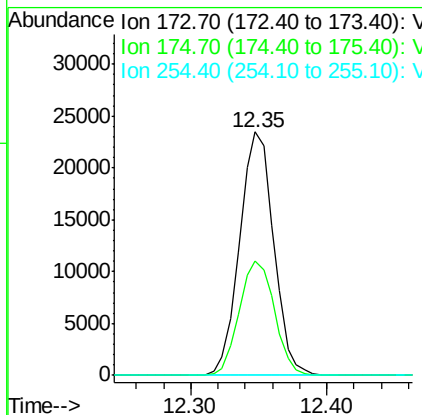
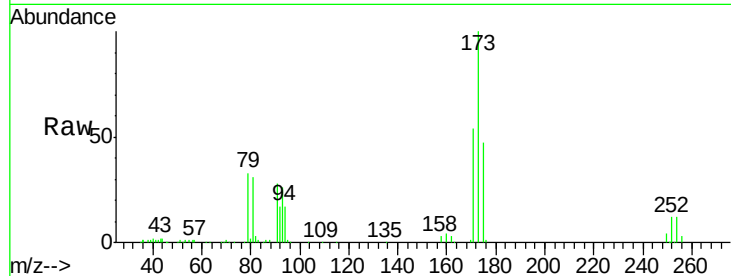
ClientSampleId :

VW0404SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.1	72.4
254	0.1	0.2	0.4

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

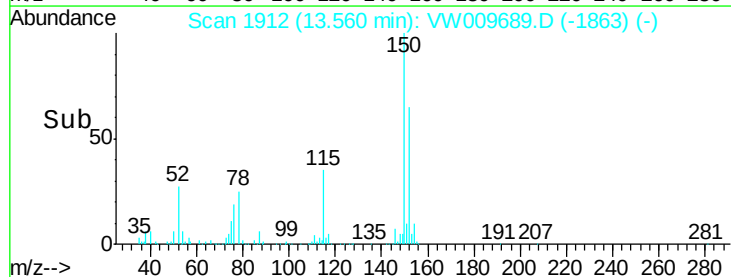
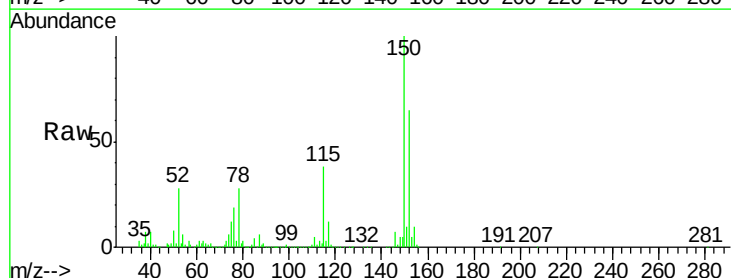
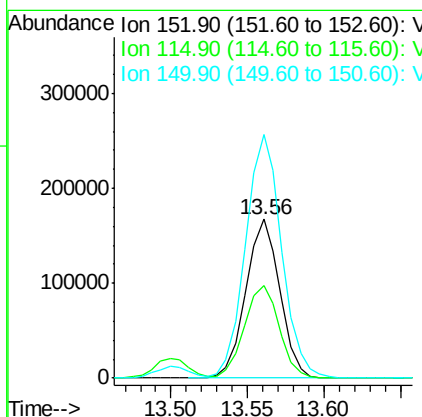
RT: 13.56 min Scan# 1912

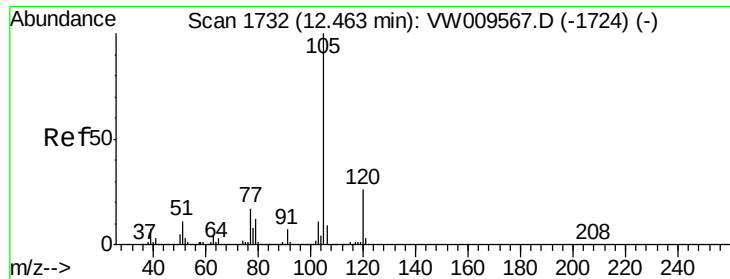
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.6	88.8
150	163.0	0.0	349.2





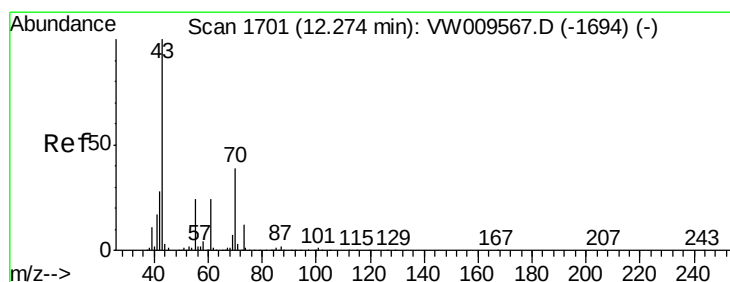
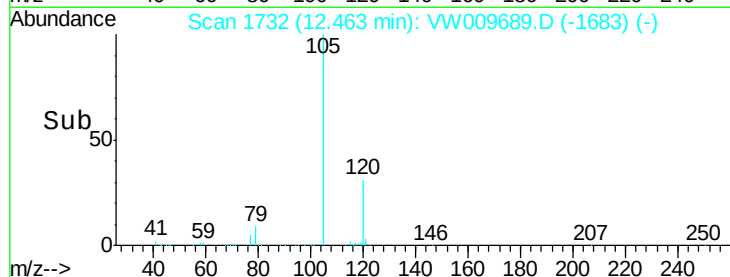
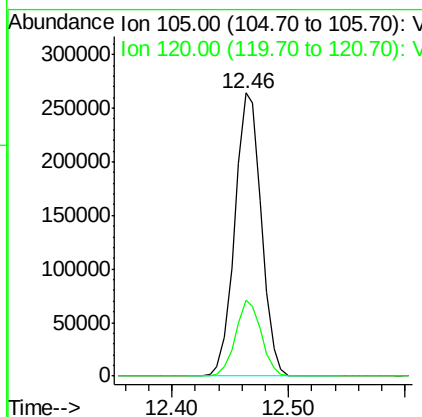
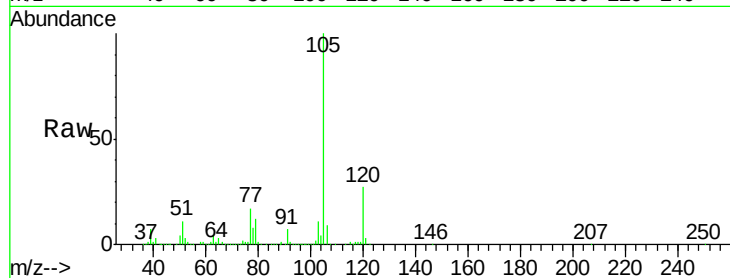
#73
Isopropylbenzene
Concen: 23.211 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.8	13.0	39.0

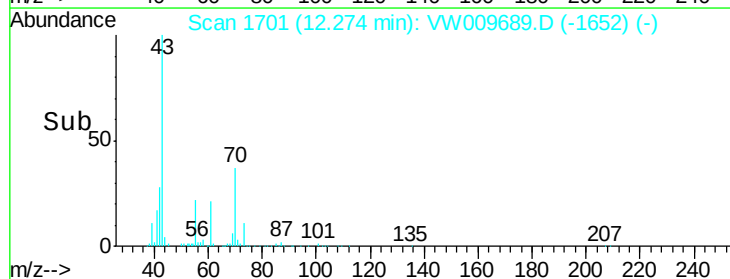
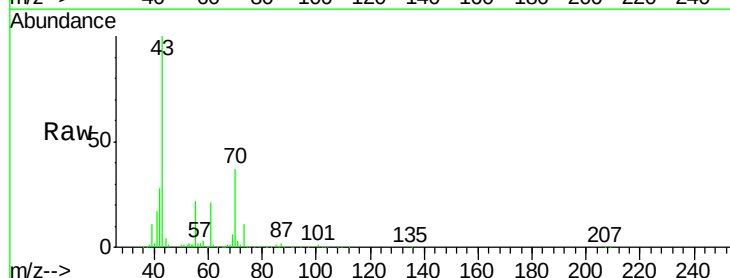
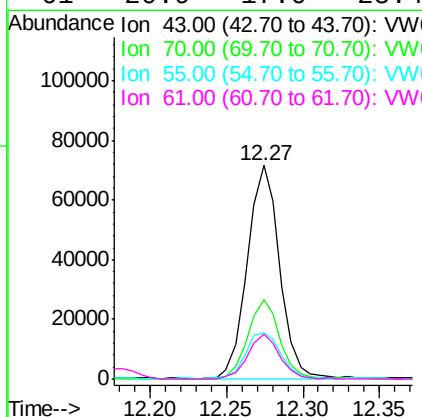
Manual Integrations
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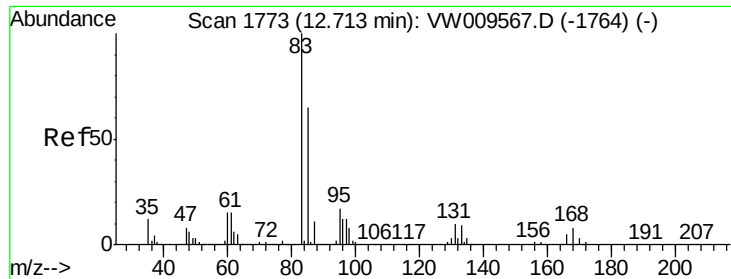
mohammad
4/5/2019 3:51:01 PM



#74
N-ethyl acetate
Concen: 22.070 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
43	100		
70	37.0	30.6	46.0
55	23.7	19.3	28.9
61	20.9	17.0	25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.925 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

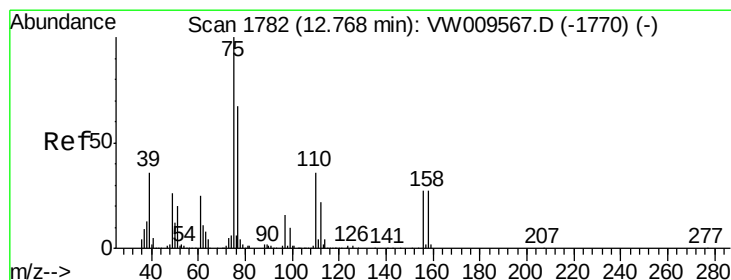
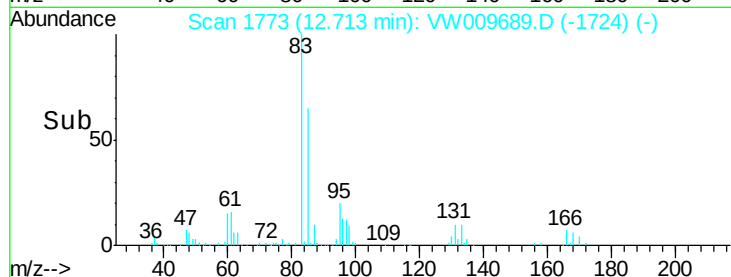
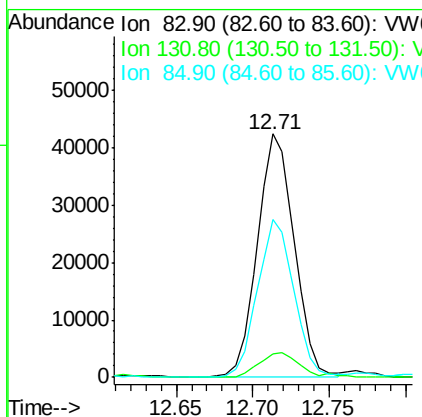
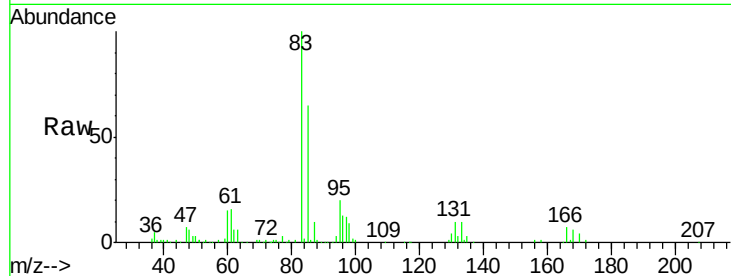
ClientSampleId :

VW0404SBS01

Tot Ion:	83	Resp:	71195
Ion Ratio	Lower	Upper	
83	100		
131	11.6	5.3	16.1
85	64.5	32.6	97.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.976 ug/l m

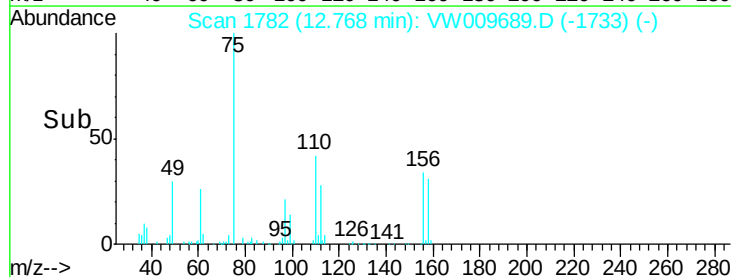
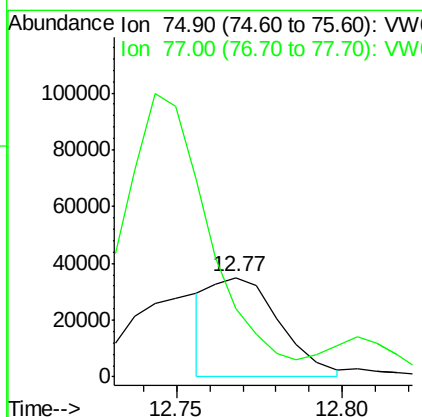
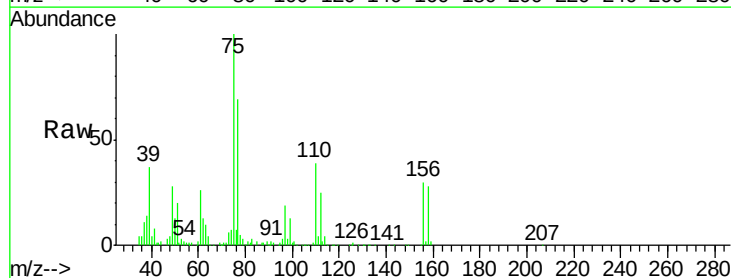
RT: 12.77 min Scan# 1782

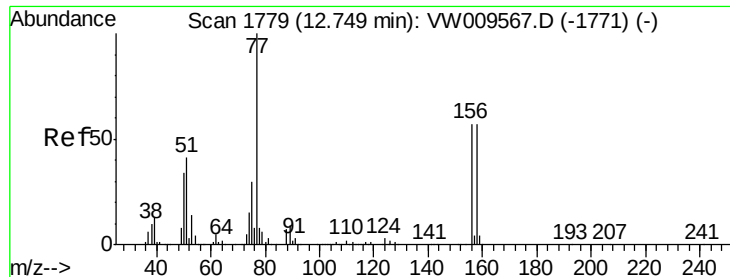
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	75	Resp:	50996
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





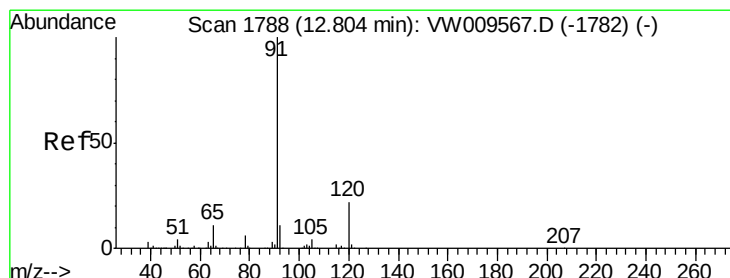
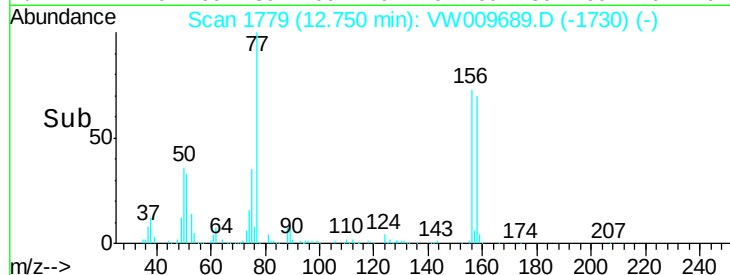
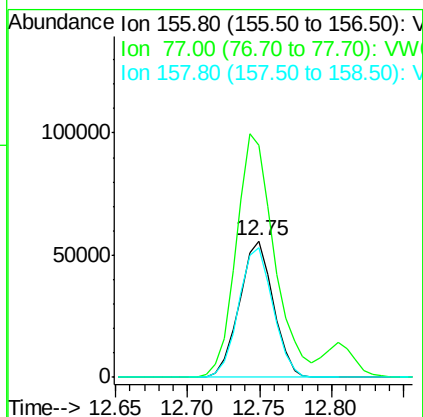
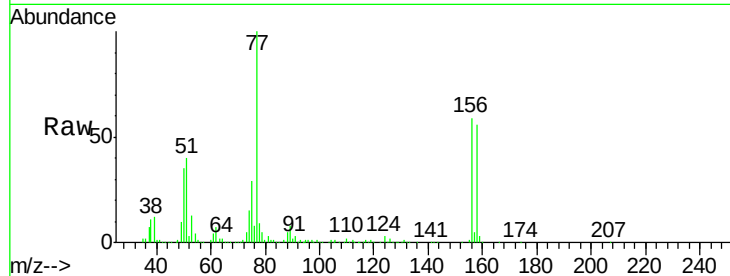
#77
Bromobenzene
Concen: 21.969 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampled :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	200.9	96.0	288.0
158	96.5	49.1	147.3

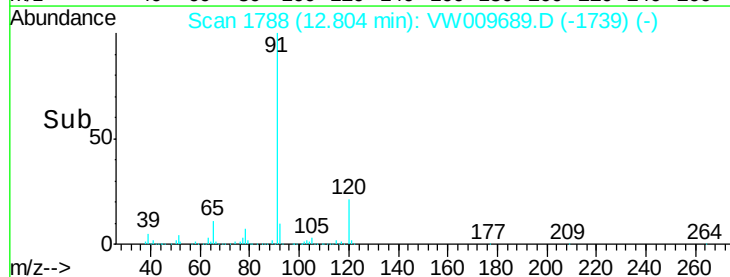
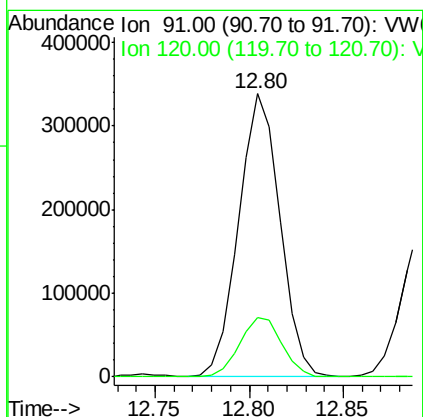
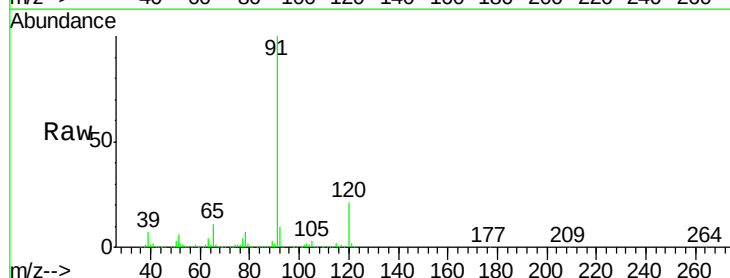
Manual Integrations
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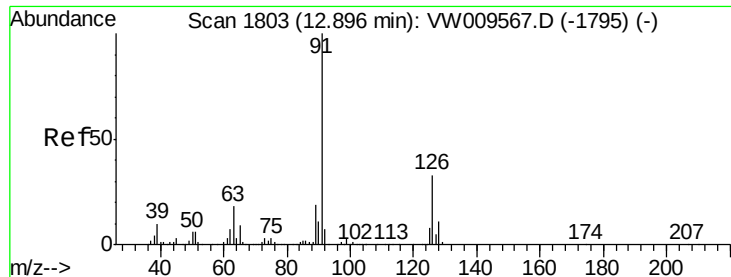
mohammad
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#78
n-propylbenzene
Concen: 23.123 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	11.1	33.3





#79

2-Chlorotoluene

Concen: 22.766 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.01 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion: 91 Resp: 287030

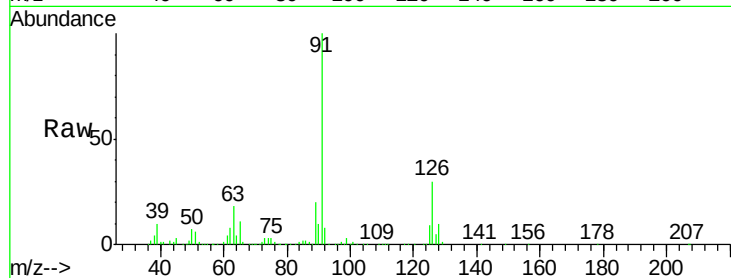
Ion Ratio Lower Upper

91 100

126 32.9 17.0 51.0

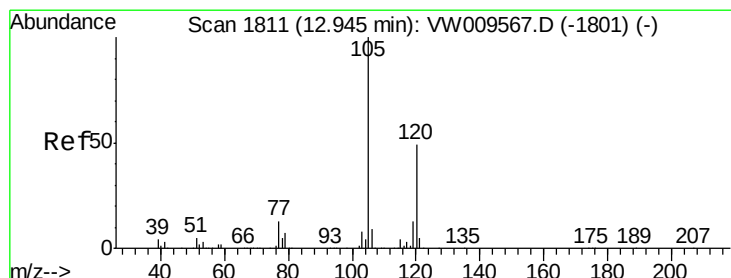
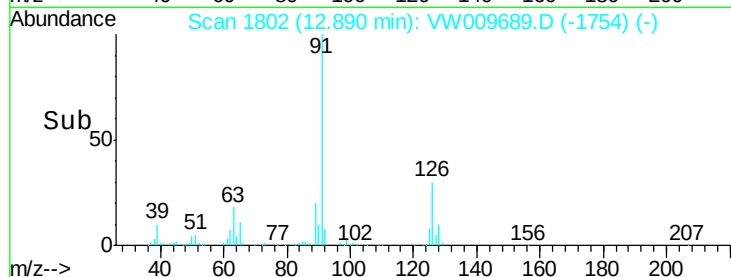
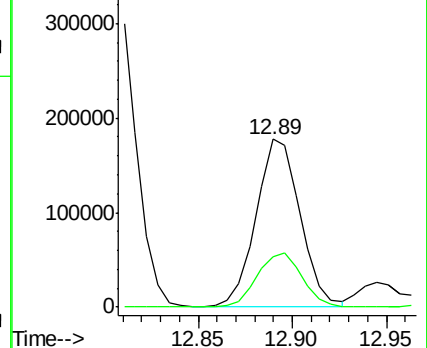
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 23.252 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009689.D

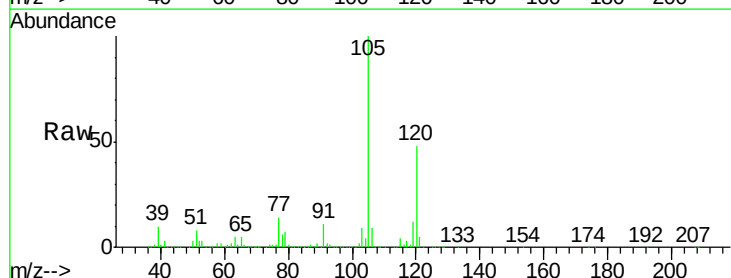
Acq: 04 Apr 2019 11:55

Tgt Ion:105 Resp: 352309

Ion Ratio Lower Upper

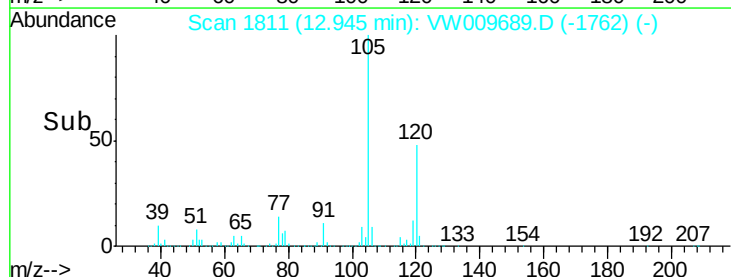
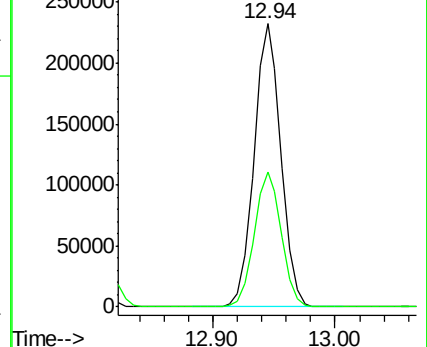
105 100

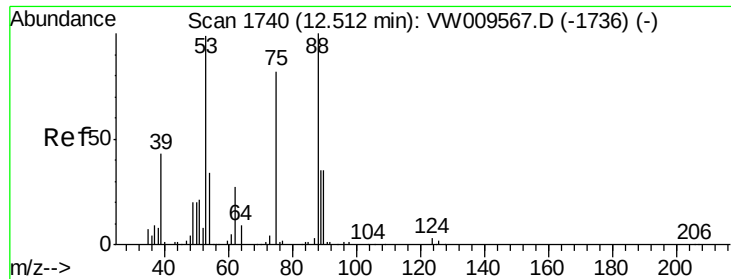
120 48.1 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.277 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

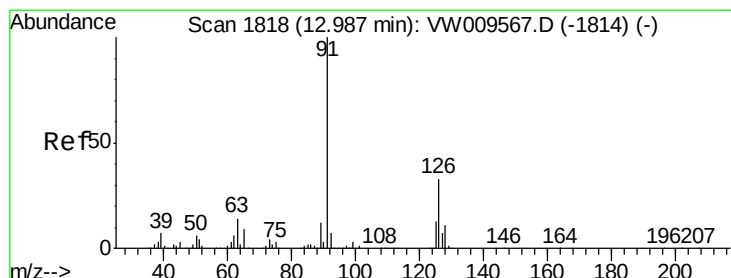
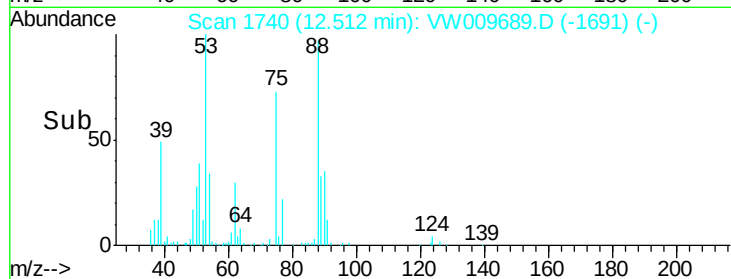
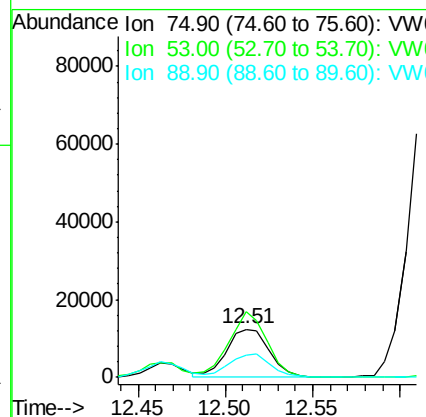
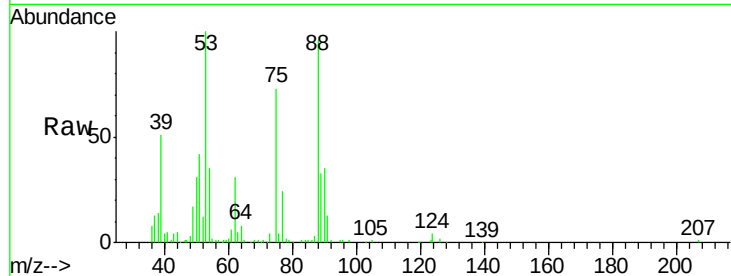
ClientSampleId :

VW0404SBS01

Tot Ion:	75	Resp:	21198
Ion	Ratio	Lower	Upper
75	100		
53	121.5	86.7	130.1
89	46.8	36.4	54.6

Manual Integrations
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#82

4-Chlorotoluene

Concen: 22.817 ug/l

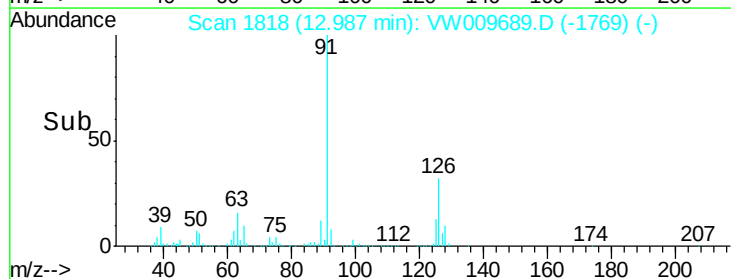
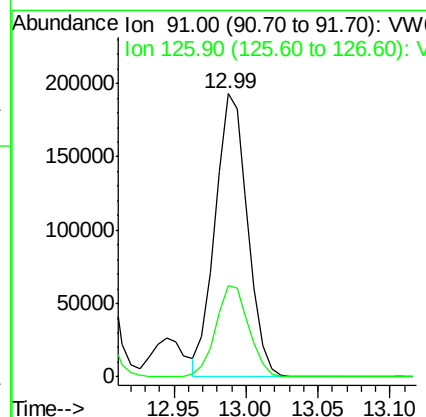
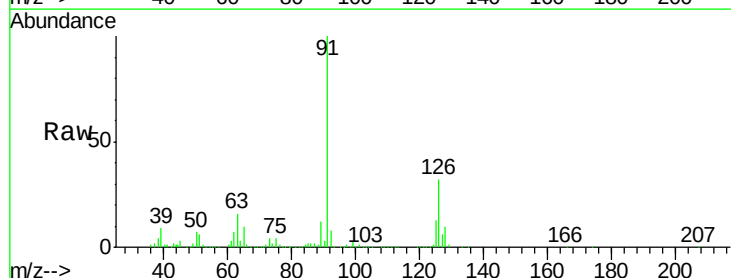
RT: 12.99 min Scan# 1818

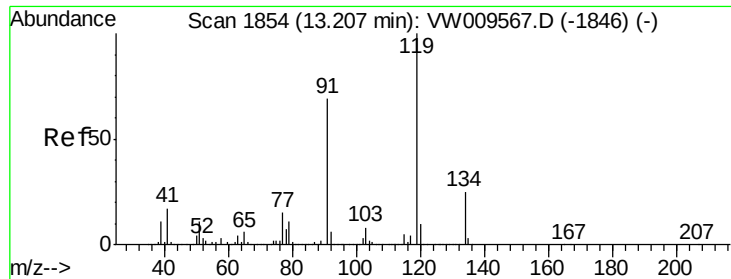
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	91	Resp:	302750
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.9	50.6





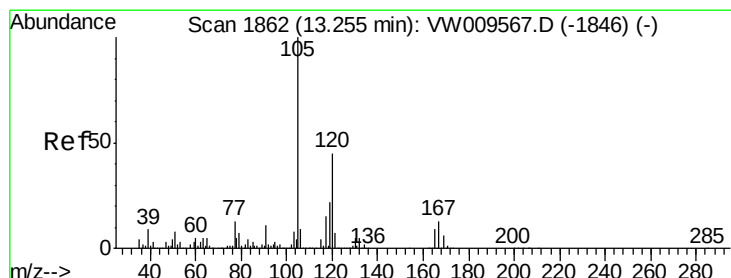
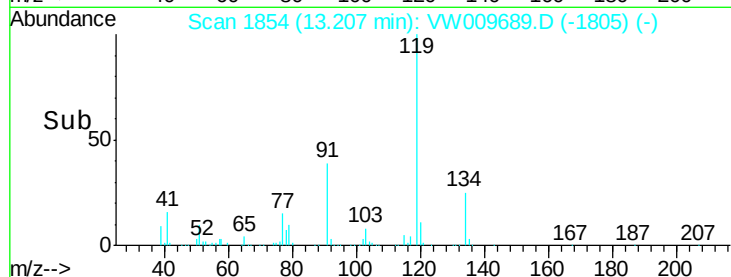
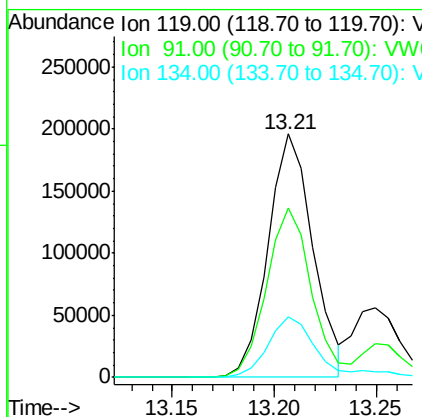
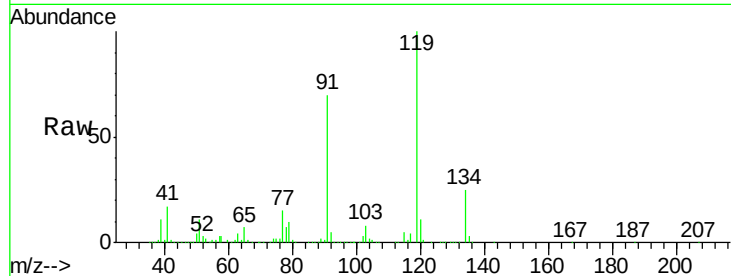
#83
tert-Butylbenzene
Concen: 23.284 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Instrument :
MSVOA_W
ClientSampleId :
VW0404SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.2	34.4	103.2
134	25.1	12.7	38.1

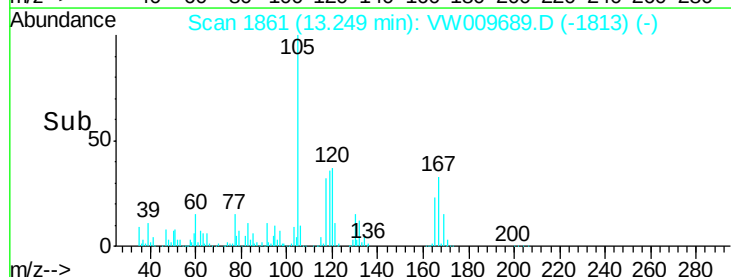
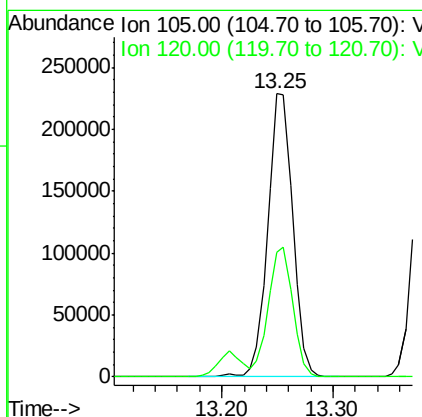
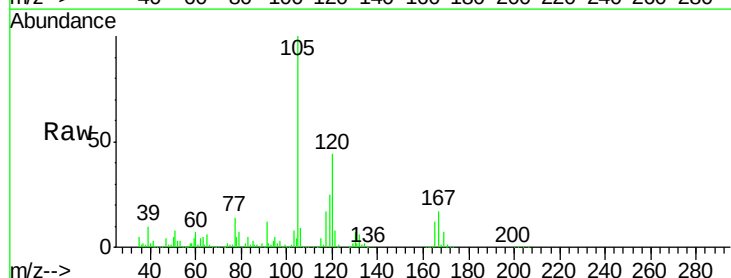
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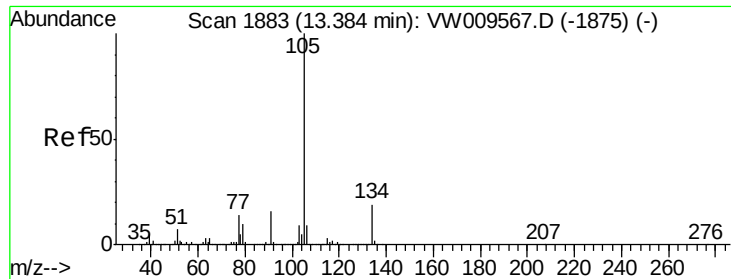
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#84
1,2,4-Trimethylbenzene
Concen: 23.076 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW009689.D
Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.8	22.8	68.3





#85

sec-Butylbenzene

Concen: 22.890 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

ClientSampleId :

VW0404SBS01

Tot Ion:105 Resp: 445402

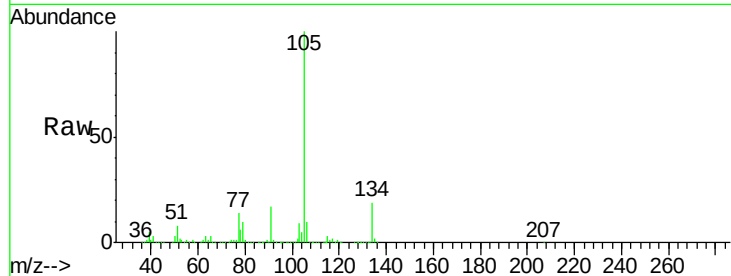
Ion Ratio Lower Upper

105 100

134 19.6 10.2 30.6

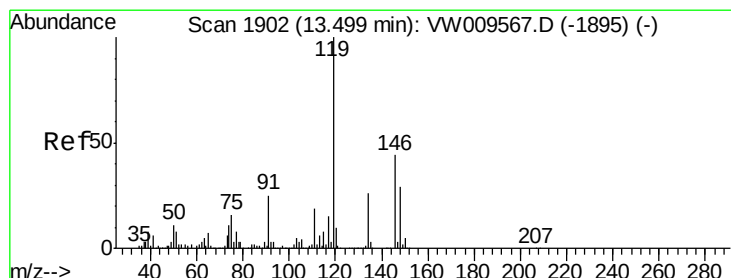
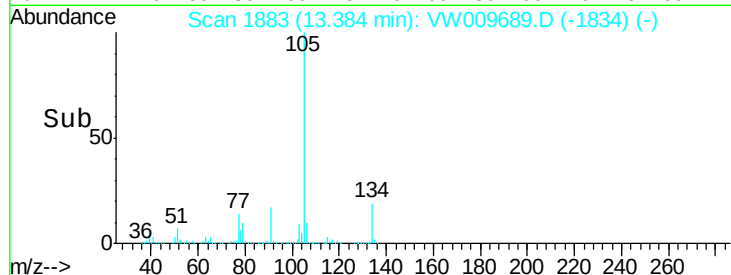
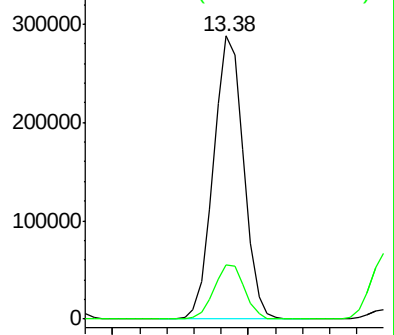
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.025 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

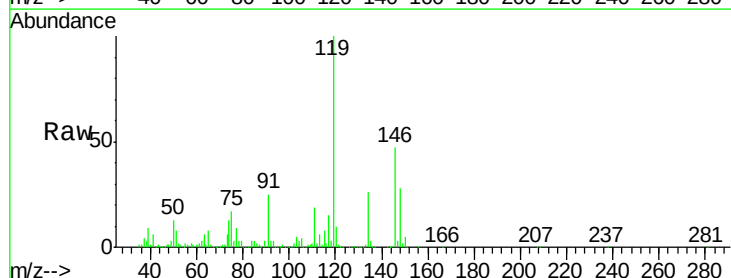
Tgt Ion:119 Resp: 389697

Ion Ratio Lower Upper

119 100

134 25.8 13.1 39.3

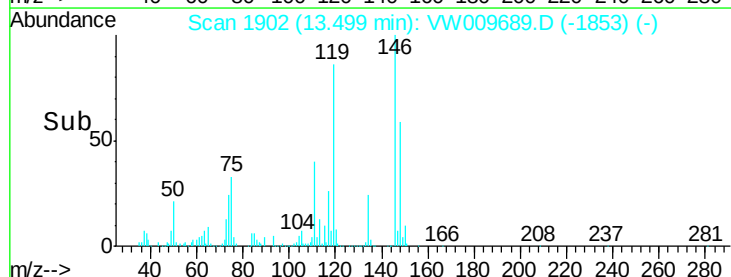
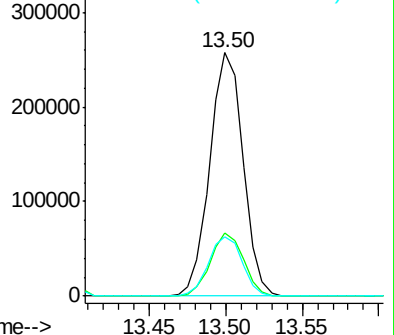
91 24.8 12.3 36.8

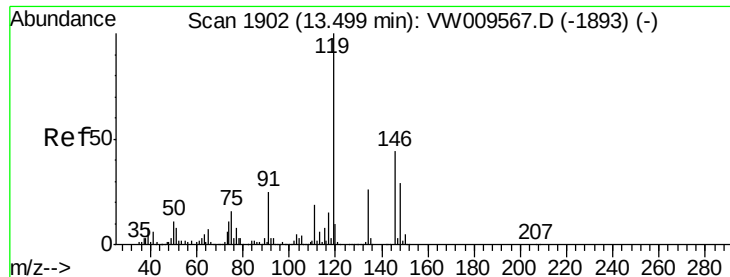


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





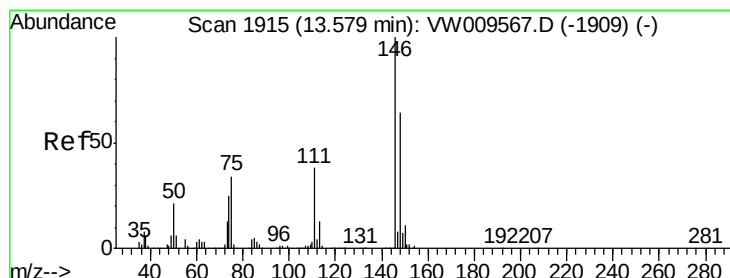
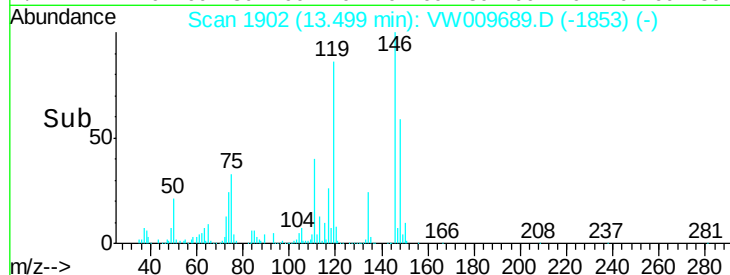
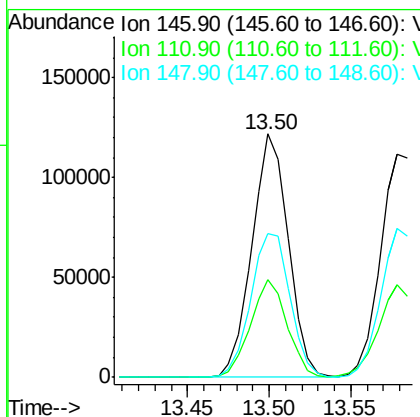
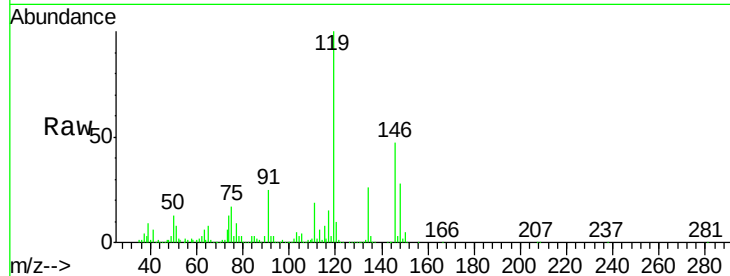
#87
 1,3-Dichlorobenzene
 Concen: 22.116 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.1	60.2
148	63.9	31.4	94.3

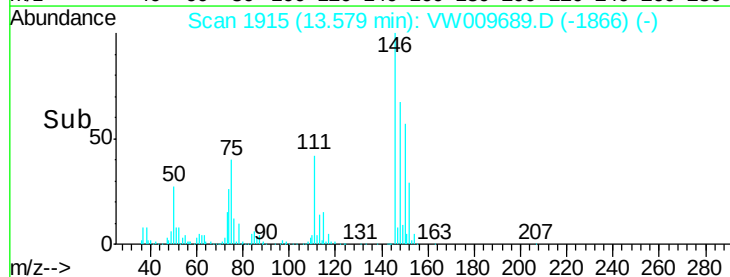
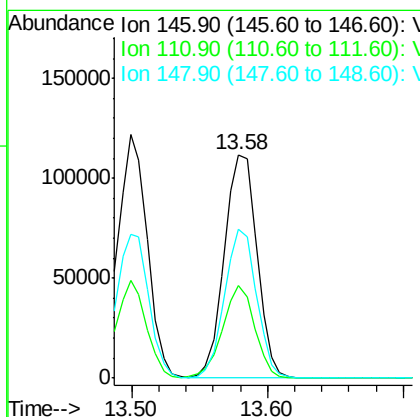
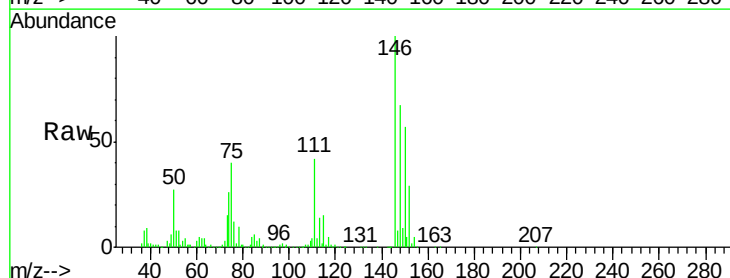
Manual Integrations
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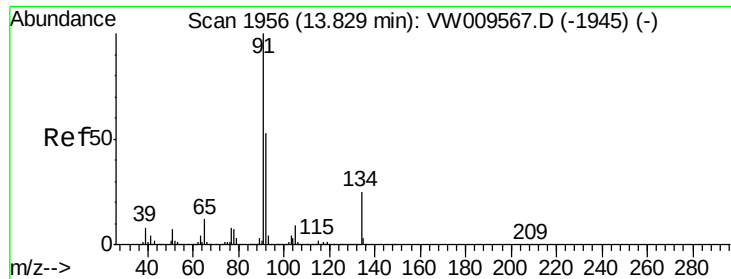
mohammad
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#88
 1,4-Dichlorobenzene
 Concen: 21.863 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.9	59.6
148	65.3	32.2	96.6





#89

n-Butylbenzene

Concen: 22.634 ug/l

RT: 13.83 min Scan# 1956

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

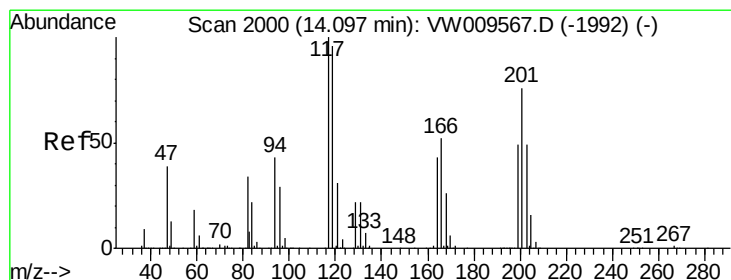
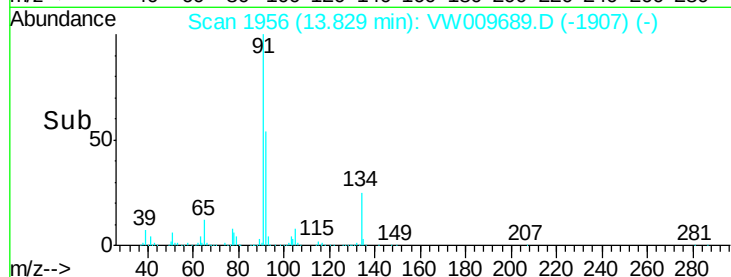
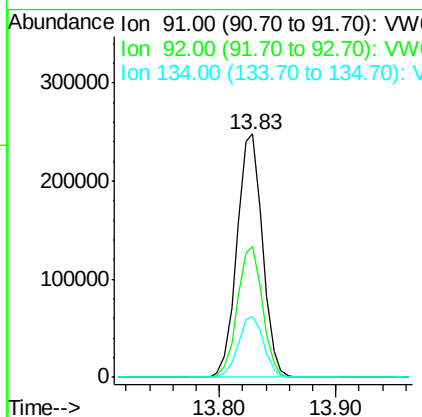
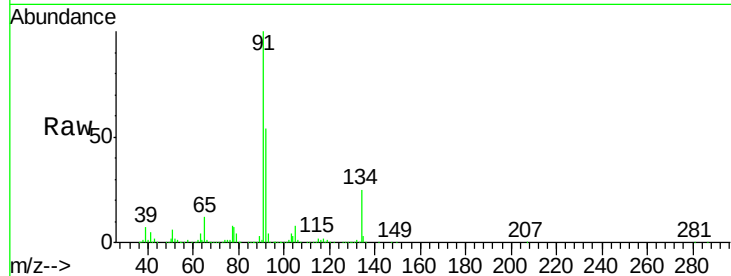
ClientSampleId :

VW0404SBS01

Tot Ion:	91	Resp:	378119
Ion	Ratio	Lower	Upper
91	100		
92	52.8	26.4	79.0
134	25.1	12.9	38.6

Manual Integrations
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#90

Hexachloroethane

Concen: 22.400 ug/l

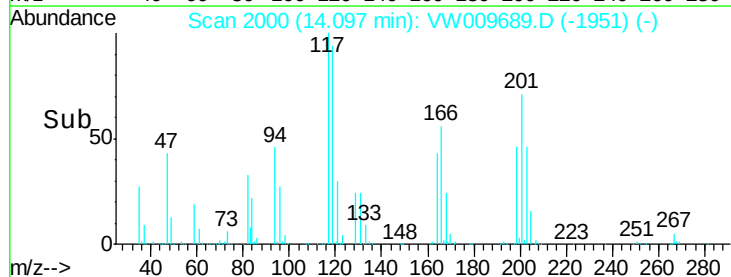
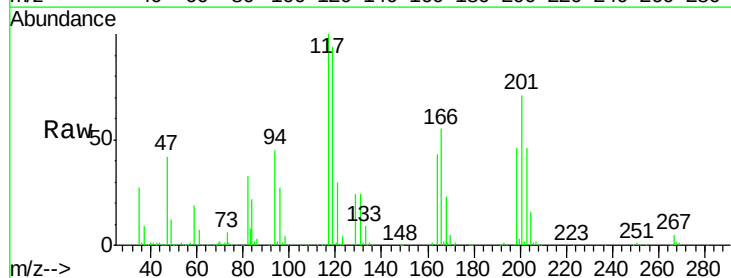
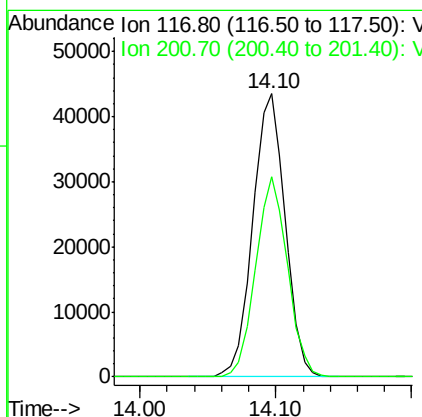
RT: 14.10 min Scan# 2000

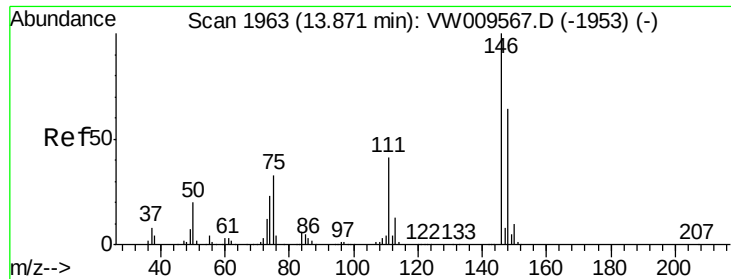
Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	117	Resp:	72598
Ion	Ratio	Lower	Upper
117	100		
201	69.7	38.2	114.6





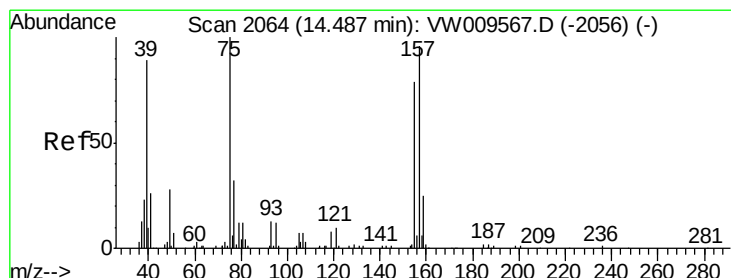
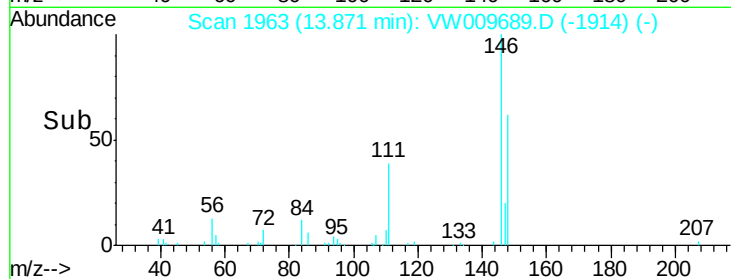
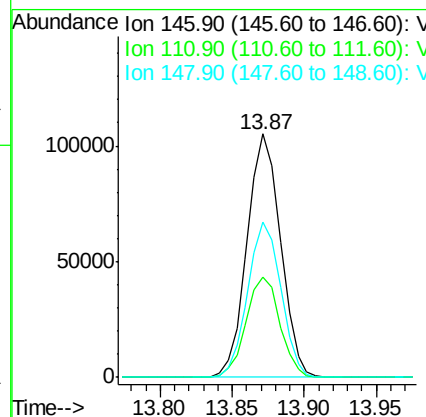
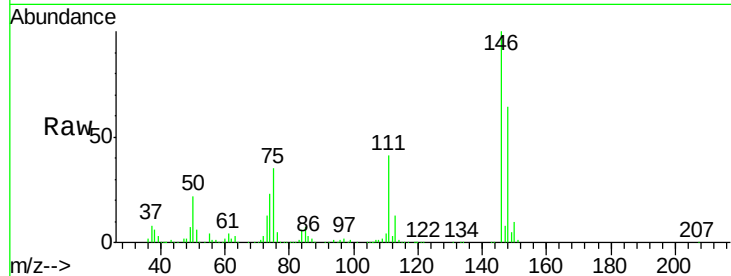
#91
 1,2-Dichlorobenzene
 Concen: 22.145 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleID :
 VW0404SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.4	61.2
148	63.2	31.9	95.9

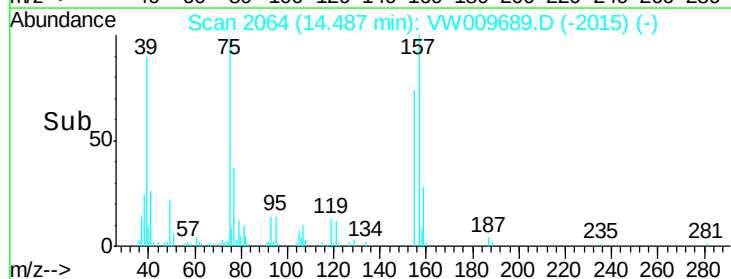
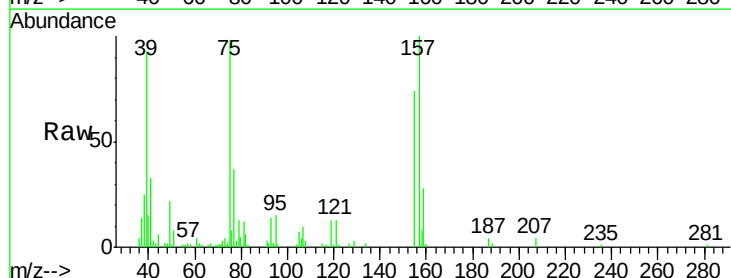
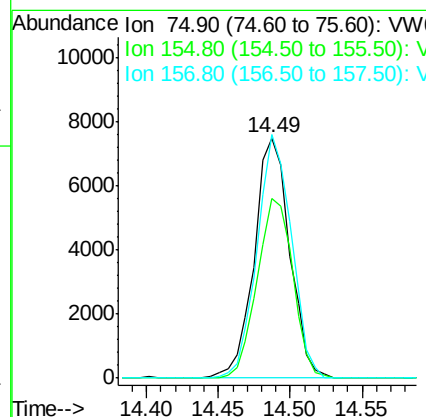
Manual Integrations
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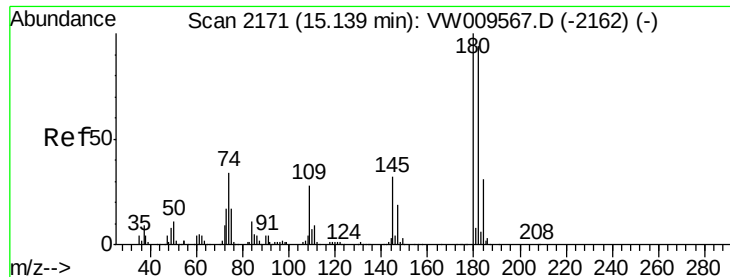
mohammad
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.443 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.5	39.3	117.8
157	98.3	49.5	148.5





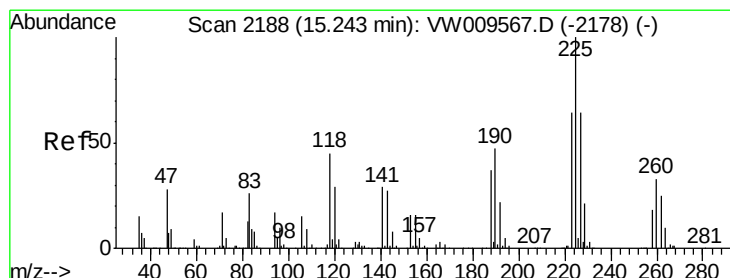
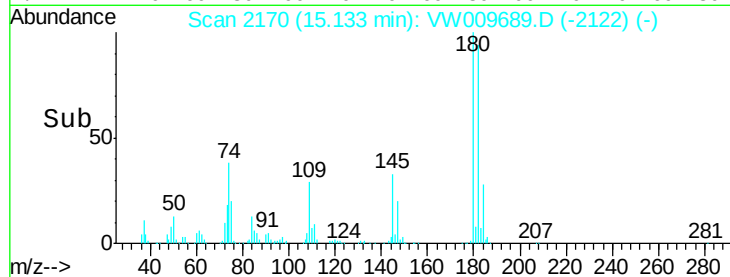
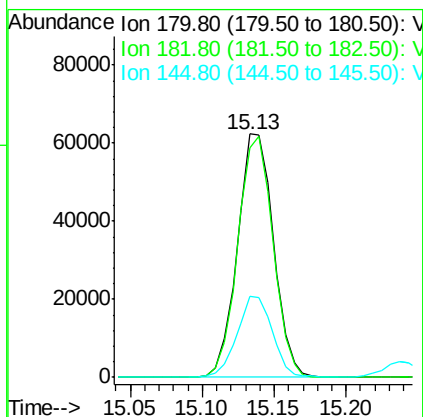
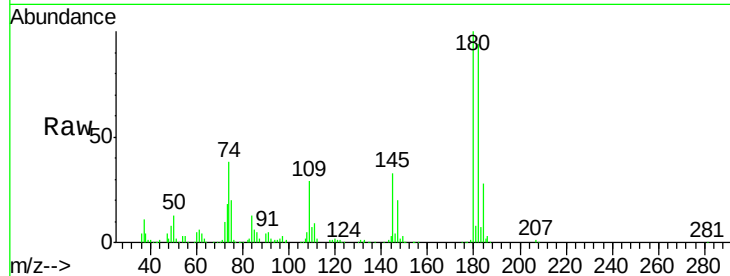
#93
 1,2,4-Trichlorobenzene
 Concen: 21.918 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0404SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	107975		
182	96.8	47.9	143.7	
145	32.7	15.0	45.0	

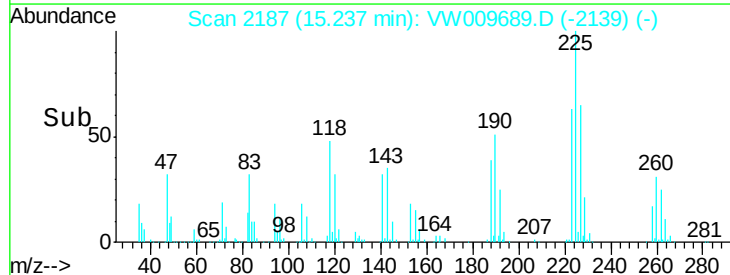
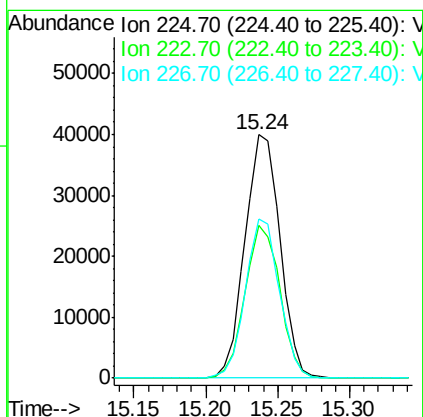
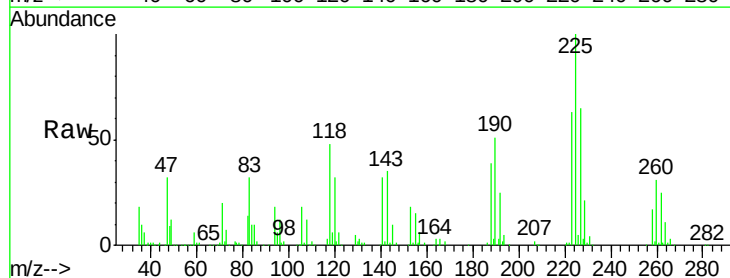
Manual Integrations
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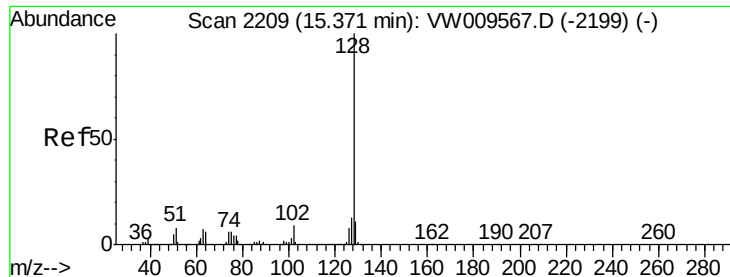
mohammad
 4/5/2019 3:51:01 PM



#94
 Hexachlorobutadiene
 Concen: 21.265 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW009689.D
 Acq: 04 Apr 2019 11:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	67278		
223	62.3	31.4	94.3	
227	63.3	32.1	96.5	





#95

Naphthalene

Concen: 20.475 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Instrument :

MSVOA_W

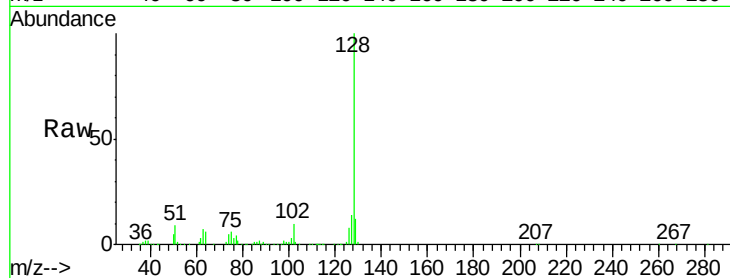
ClientSampleId :

VW0404SBS01

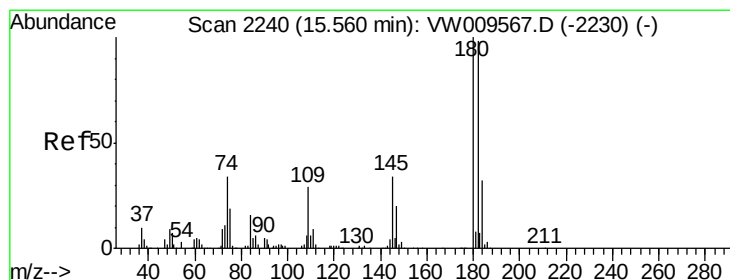
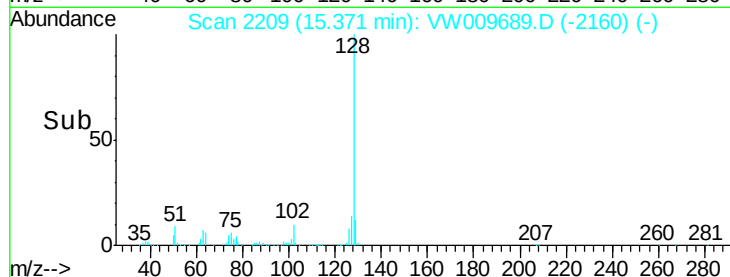
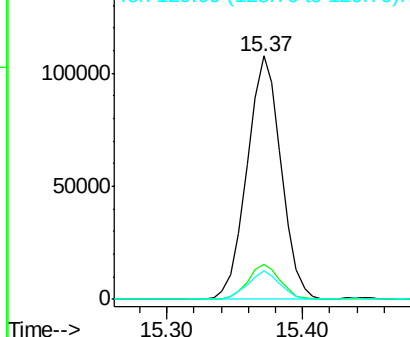
Tot Ion:	128	Resp:	187983
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.8	16.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

mohammad
4/5/2019 3:51:01 PM



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



#96

1,2,3-Trichlorobenzene

Concen: 21.525 ug/l

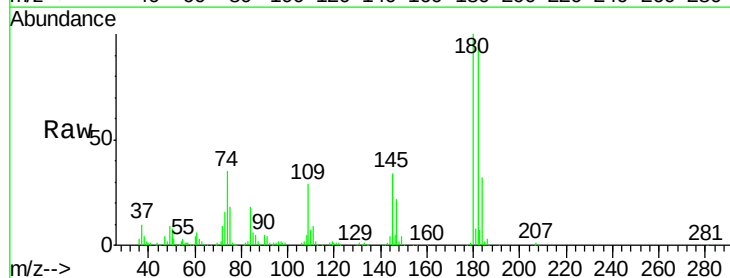
RT: 15.56 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VW009689.D

Acq: 04 Apr 2019 11:55

Tgt Ion:	180	Resp:	94741
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.3	141.9
145	32.7	16.0	48.0



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

