

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW040419\
 Data File : VW009686.D
 Acq On : 04 Apr 2019 10:12
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

mohammad
 4/5/2019 3:50:58 PM

Quant Time: Apr 05 08:03:05 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	340418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	520698	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	469330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	203837	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	7.88	113	175651	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.32	98	664124	54.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.88%	
62) 4-Bromofluorobenzene	12.62	95	249620	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	112441	53.802	ug/l	98
3) Chloromethane	2.21	50	124461	43.401	ug/l	96
4) Vinyl Chloride	2.37	62	179963	46.987	ug/l	98
5) Bromomethane	2.78	94	127278	43.074	ug/l	98
6) Chloroethane	2.93	64	128424	45.277	ug/l	95
7) Trichlorofluoromethane	3.26	101	129793	49.598	ug/l	95
8) Diethyl Ether	3.67	74	85546	48.684	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.05	101	185815	52.922	ug/l	95
10) Methyl Iodide	4.26	142	248980	51.970	ug/l	96
11) Tert butyl alcohol	5.17	59	59638	264.229	ug/l #	82
12) 1,1-Dichloroethene	4.03	96	171378	52.158	ug/l	97
13) Acrolein	3.89	56	43777	264.441	ug/l	96
14) Allyl chloride	4.65	41	304520	57.944	ug/l	97
15) Acrylonitrile	5.36	53	205929	256.390	ug/l	100
16) Acetone	4.12	43	262792	300.253	ug/l	95
17) Carbon Disulfide	4.37	76	467919	50.048	ug/l	99
18) Methyl Acetate	4.67	43	110513	52.235	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	258090	56.476	ug/l	97
20) Methylene Chloride	4.91	84	181186	53.000	ug/l	92
21) trans-1,2-Dichloroethene	5.41	96	181325	51.976	ug/l	92
22) Diisopropyl ether	6.31	45	617675	54.422	ug/l	97
23) Vinyl Acetate	6.25	43	1907363	269.385	ug/l	99
24) 1,1-Dichloroethane	6.21	63	359312	52.598	ug/l	99
25) 2-Butanone	7.17	43	321165	265.541	ug/l	97
26) 2,2-Dichloropropane	7.16	77	226755	58.058	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	203040	53.292	ug/l	94
28) Bromochloromethane	7.51	49	152899	51.653	ug/l #	93
29) Tetrahydrofuran	7.52	42	190024	253.025	ug/l	98
30) Chloroform	7.67	83	371893	52.563	ug/l	100
31) Cyclohexane	7.95	56	327406	51.122	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	315327	55.052	ug/l	97
36) 1,1-Dichloropropene	8.08	75	290199	53.883	ug/l	99
37) Ethyl Acetate	7.25	43	132014	51.594	ug/l	99
38) Carbon Tetrachloride	8.06	117	300360	54.427	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	343648	55.859	ug/l	97
40) Benzene	8.32	78	763404	52.331	ug/l	100
41) Methacrylonitrile	7.48	41	72568	44.056	ug/l	98
42) 1,2-Dichloroethane	8.40	62	260608	52.401	ug/l	98
43) Isopropyl Acetate	8.42	43	261544	52.157	ug/l	99
44) Trichloroethene	9.09	130	200505	53.090	ug/l	92
45) 1,2-Dichloropropane	9.37	63	192359	51.516	ug/l	97
46) Dibromomethane	9.46	93	100371	49.620	ug/l	97
47) Bromodichloromethane	9.64	83	269987	52.325	ug/l	99
48) Methyl methacrylate	9.43	41	125445	53.366	ug/l	95
49) 1,4-Dioxane	9.45	88	31289	1038.703	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	678885	253.034	ug/l	100
52) Toluene	10.38	92	489460	53.577	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	273969	54.227	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	305497	54.536	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	139416	50.990	ug/l	98
56) Ethyl methacrylate	10.65	69	182133	48.242	ug/l	95
57) 1,3-Dichloropropane	10.93	76	252431	52.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	443267	243.414	ug/l	98
59) 2-Hexanone	10.97	43	502353	270.546	ug/l	99
60) Dibromochloromethane	11.13	129	170261	51.572	ug/l	98
61) 1,2-Dibromoethane	11.23	107	133663	50.979	ug/l	100
64) Tetrachloroethene	10.86	164	166664	52.301	ug/l	96
65) Chlorobenzene	11.66	112	529089	53.526	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	192968	53.579	ug/l	99
67) Ethyl Benzene	11.73	91	999623	57.400	ug/l	99
68) m/p-Xylenes	11.84	106	751376	113.628	ug/l	99
69) o-Xylene	12.16	106	346199	56.219	ug/l	97
70) Styrene	12.18	104	572777	55.686	ug/l	99
71) Bromoform	12.35	173	101060	52.141	ug/l #	98
73) Isopropylbenzene	12.46	105	1015994	59.671	ug/l	100
74) N-amyl acetate	12.27	43	246802	54.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	165728	51.469	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	121904m	52.984	ug/l	
77) Bromobenzene	12.75	156	214410	54.683	ug/l	95
78) n-propylbenzene	12.80	91	1239954	59.058	ug/l	100
79) 2-Chlorotoluene	12.89	91	692141	58.008	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	850131	59.288	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	54202	54.784	ug/l	97
82) 4-Chlorotoluene	12.99	91	725118	57.745	ug/l	98
83) tert-Butylbenzene	13.21	119	730227	59.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	860978	58.408	ug/l	98
85) sec-Butylbenzene	13.38	105	1083110	58.816	ug/l	98
86) p-Isopropyltoluene	13.50	119	947299	59.142	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	443917	54.833	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	433928	53.662	ug/l	99
89) n-Butylbenzene	13.83	91	930583	58.860	ug/l	99
90) Hexachloroethane	14.10	117	174444	56.874	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	393451	54.348	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	31186	53.054	ug/l	96

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VSTDCCC050

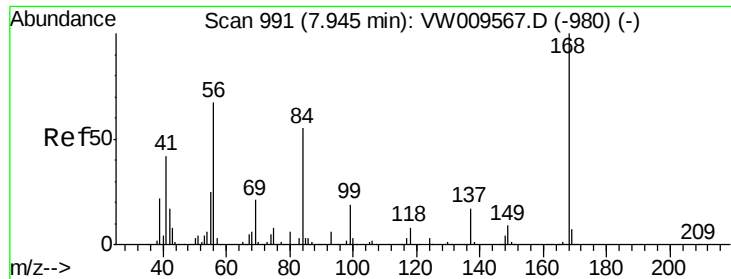
Manual Integrations
APPROVED

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4/5/2019 3:50:58 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	263350	56.486	ug/l	99
94) Hexachlorobutadiene	15.24	225	161358	53.892	ug/l	99
95) Naphthalene	15.37	128	479911	50.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	226090	54.278	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: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 340418

Ion Ratio Lower Upper

168 100

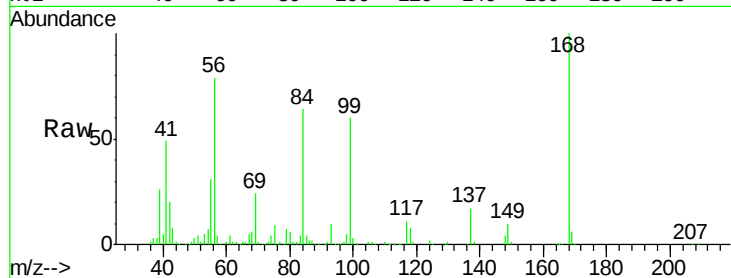
99 59.5 45.4 68.0

Manual Integrations

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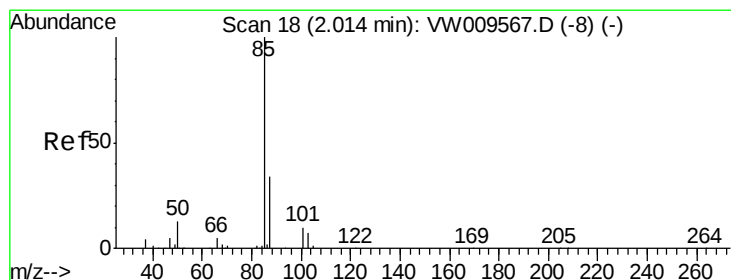
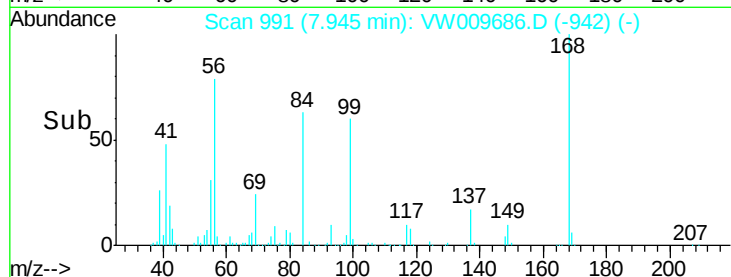
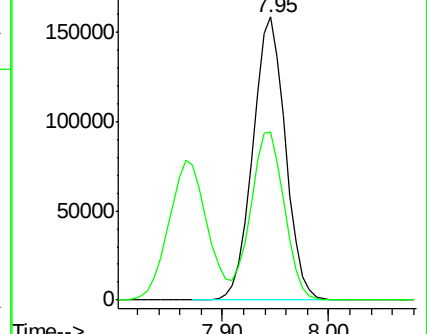
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 53.802 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.00 min

Lab File: VW009686.D

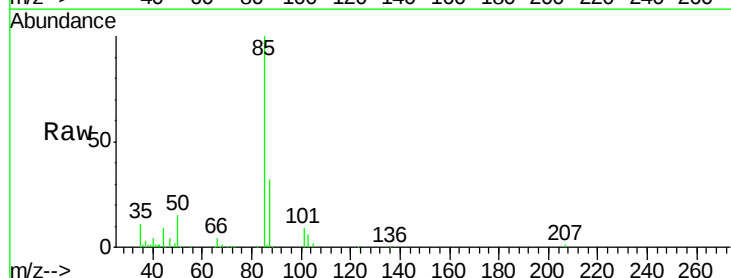
Acq: 04 Apr 2019 10:12

Tgt Ion: 85 Resp: 112441

Ion Ratio Lower Upper

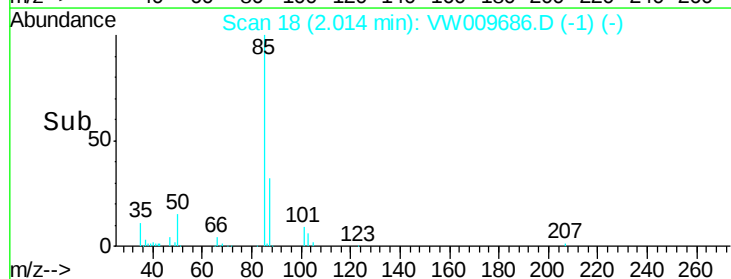
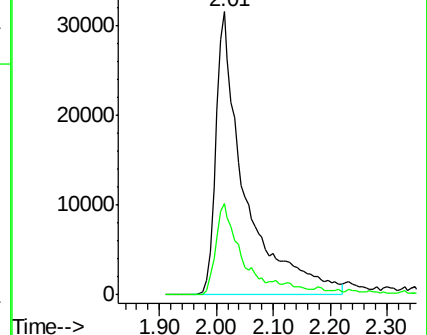
85 100

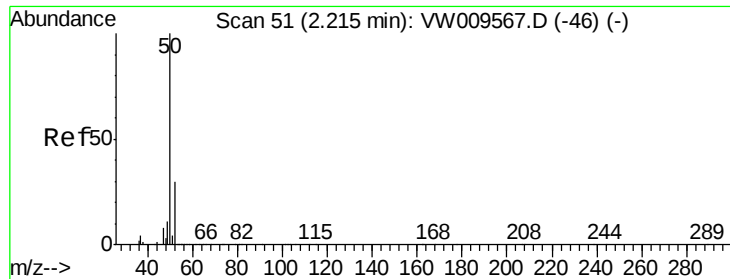
87 32.3 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 43.401 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 124461

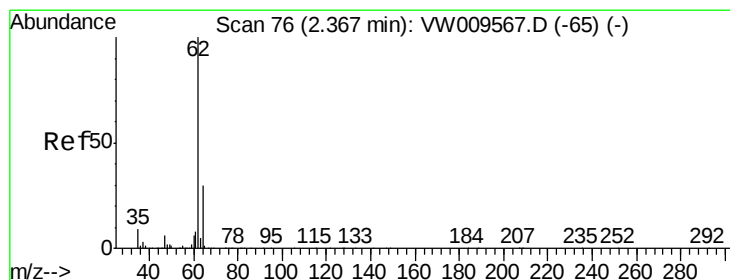
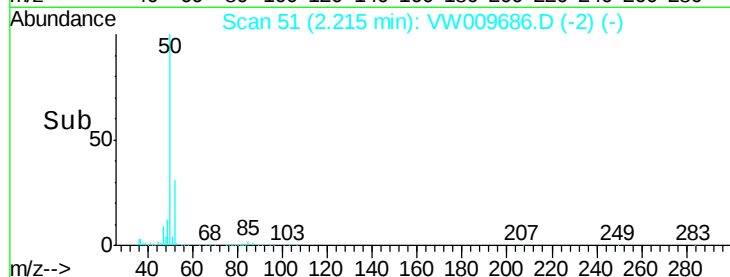
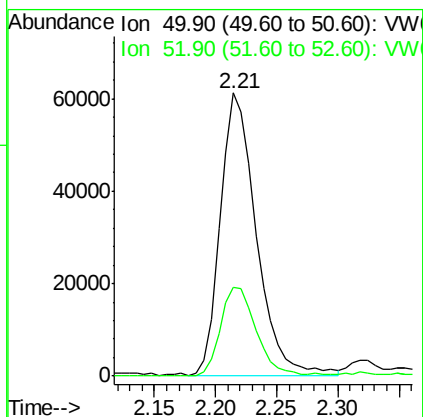
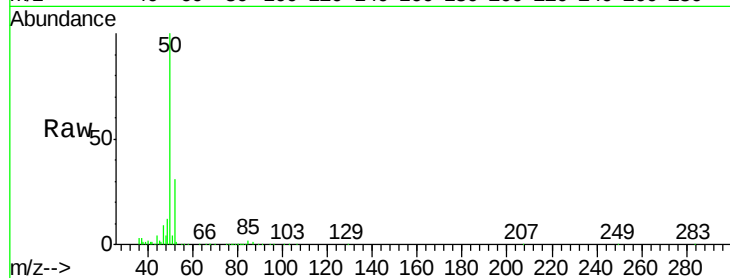
Ion Ratio Lower Upper

50 100

52 31.5 27.2 40.8

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#4

Vinyl Chloride

Concen: 46.987 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW009686.D

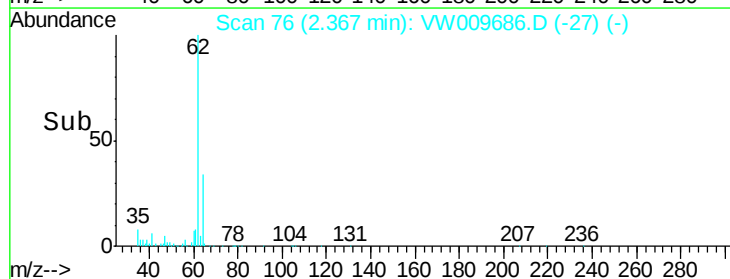
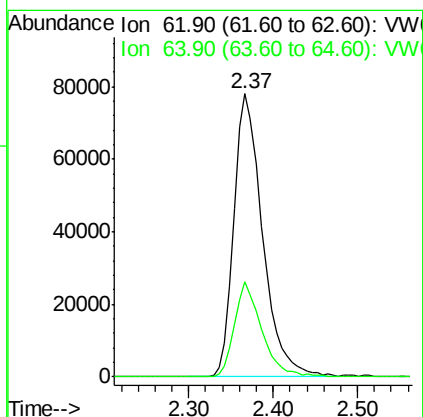
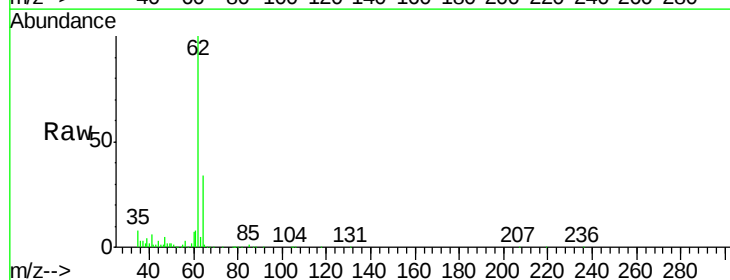
Acq: 04 Apr 2019 10:12

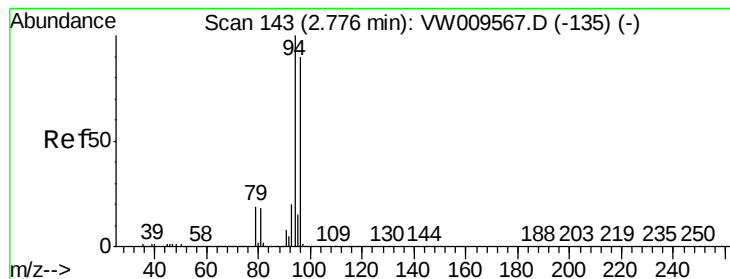
Tgt Ion: 62 Resp: 179963

Ion Ratio Lower Upper

62 100

64 33.7 26.2 39.2





#5

Bromomethane

Concen: 43.074 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 127278

Ion Ratio Lower Upper

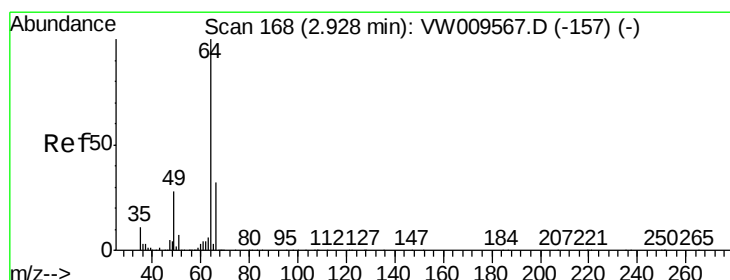
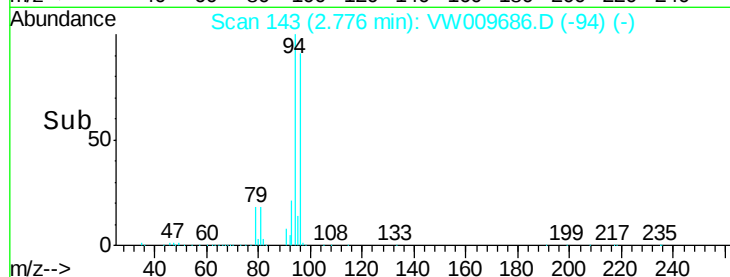
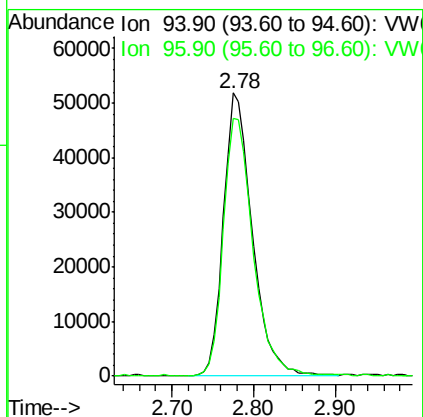
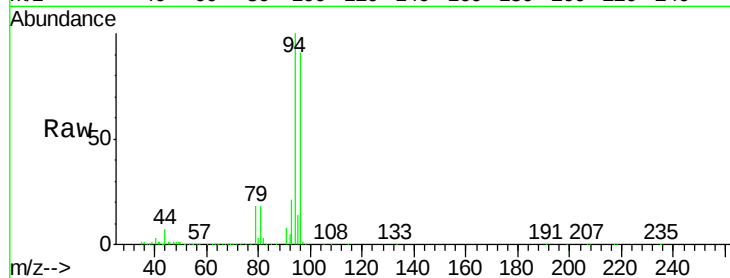
94 100

96 90.9 71.4 107.2

Manual Integrations
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#6

Chloroethane

Concen: 45.277 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW009686.D

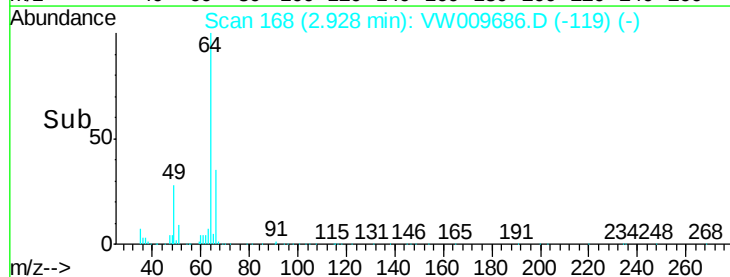
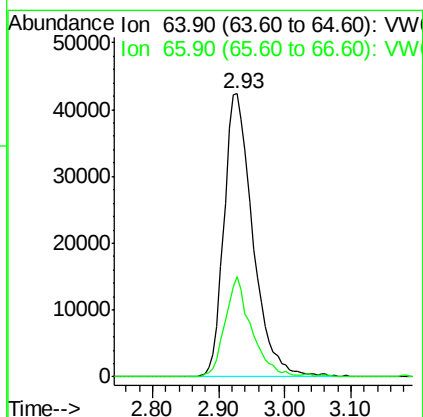
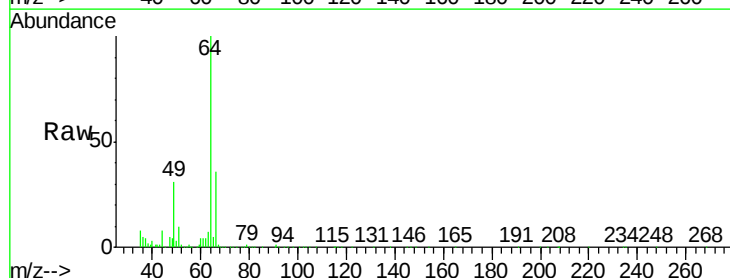
Acq: 04 Apr 2019 10:12

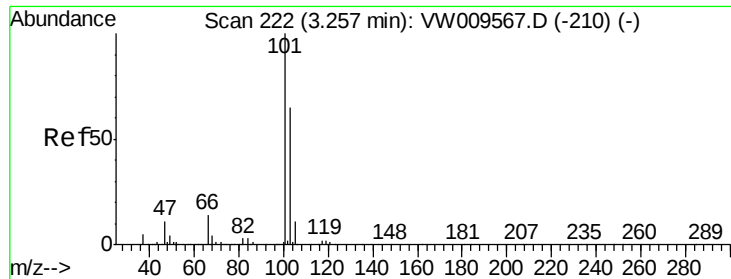
Tgt Ion: 64 Resp: 128424

Ion Ratio Lower Upper

64 100

66 35.6 26.2 39.2





#7

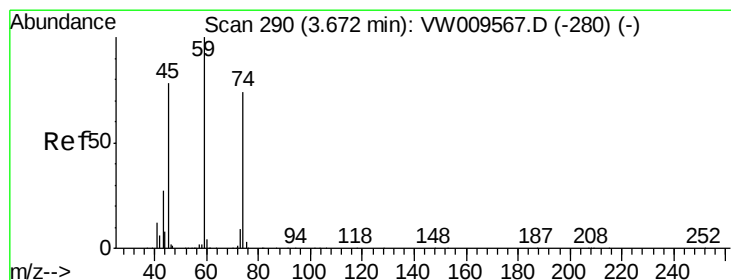
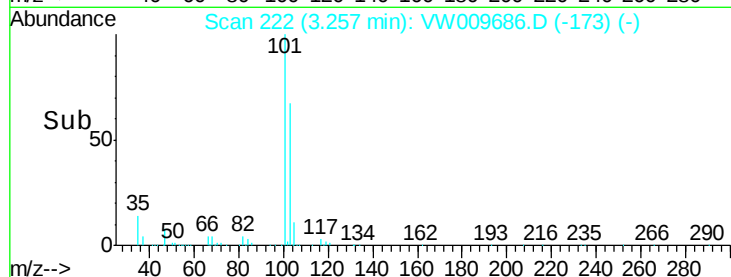
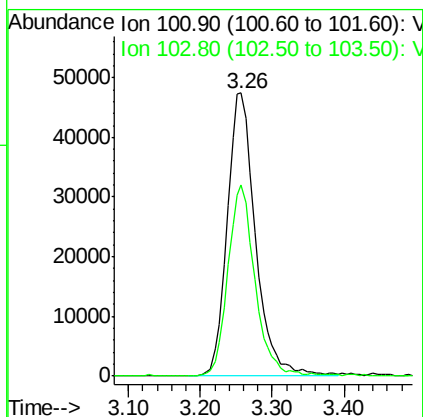
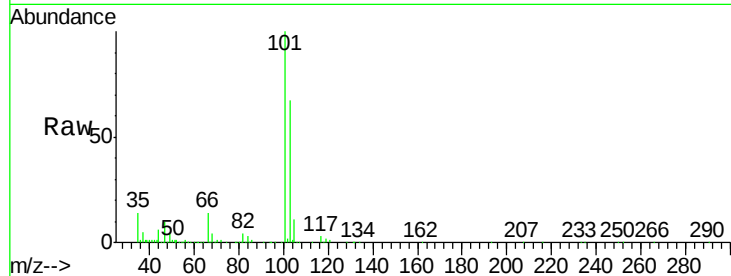
Trichlorofluoromethane
 Concen: 49.598 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

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 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.4	50.5	75.7

Manual Integrations
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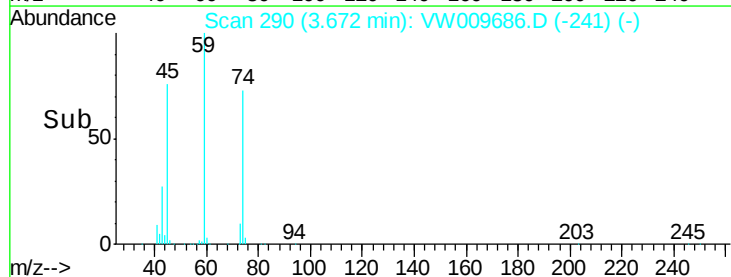
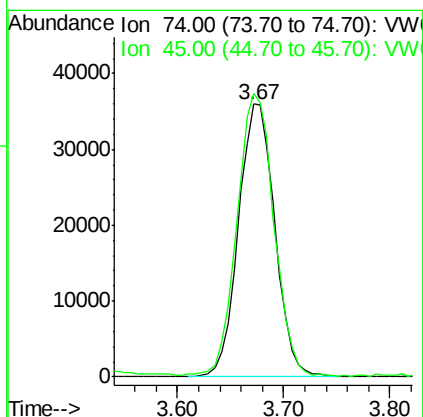
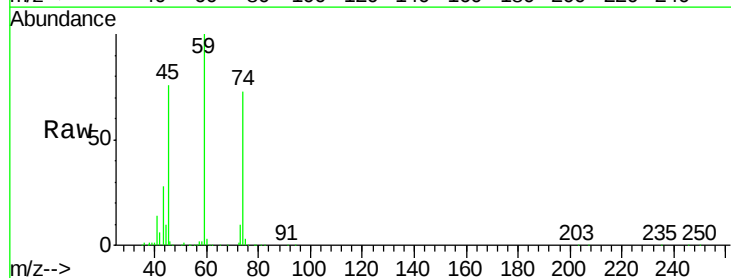
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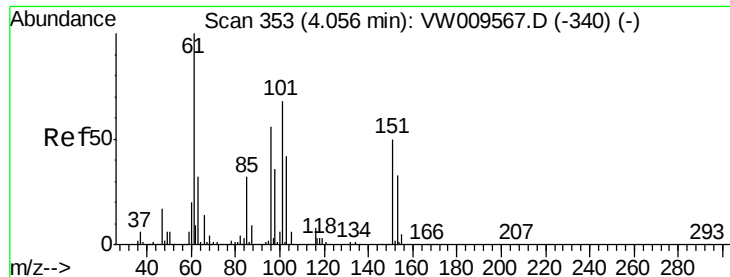


#8

Diethyl Ether
 Concen: 48.684 ug/l
 RT: 3.67 min Scan# 290
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.8	50.6	151.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.922 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

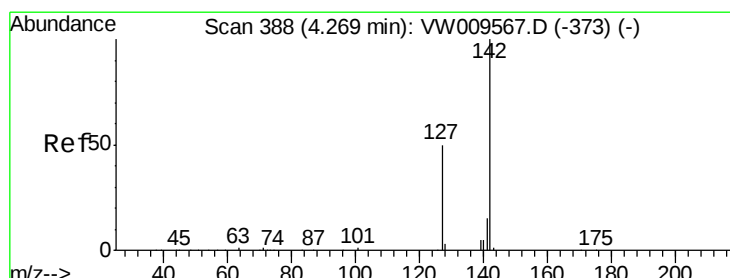
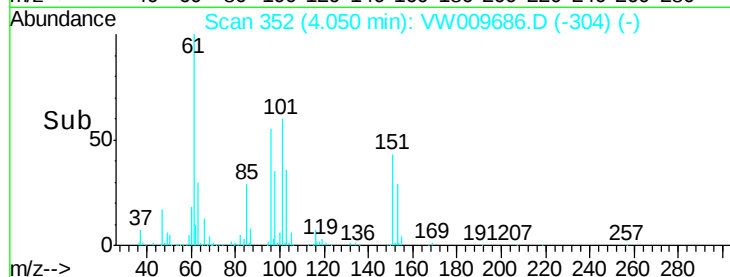
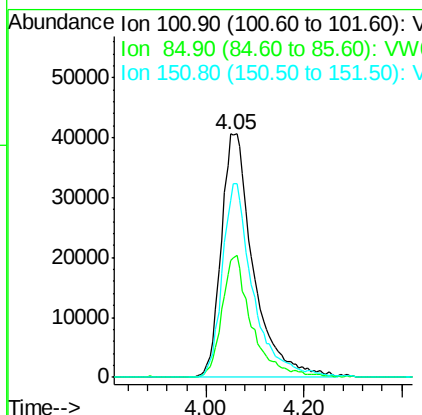
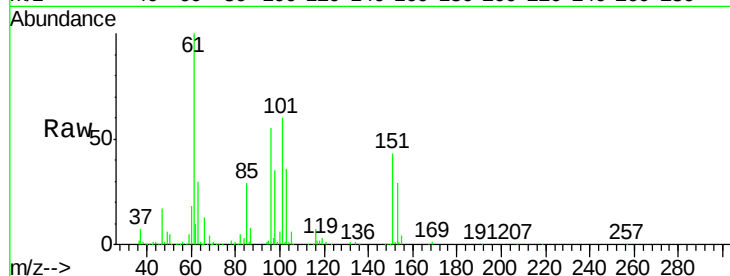
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	185815
Ion Ratio	Lower	Upper	
101	100		
85	46.6	35.1	52.7
151	74.4	62.9	94.3

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#10

Methyl Iodide

Concen: 51.970 ug/l

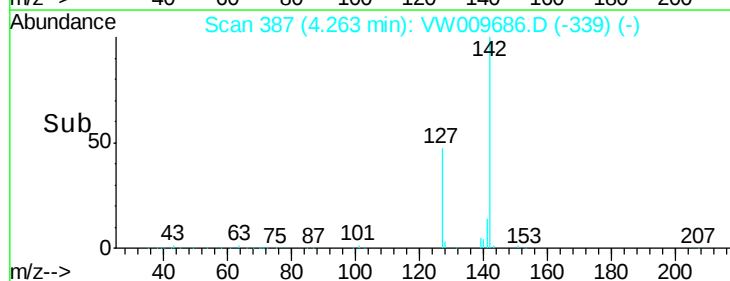
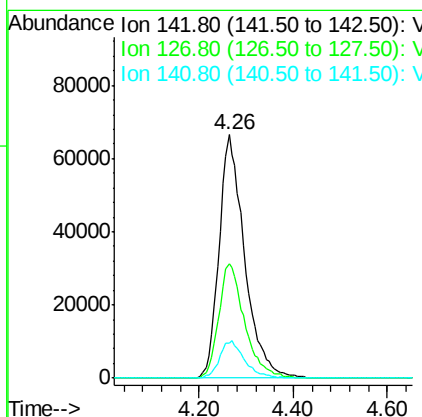
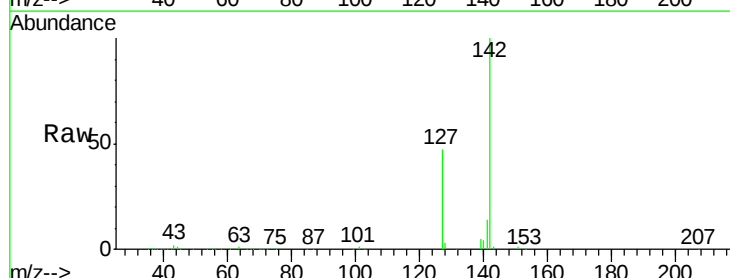
RT: 4.26 min Scan# 387

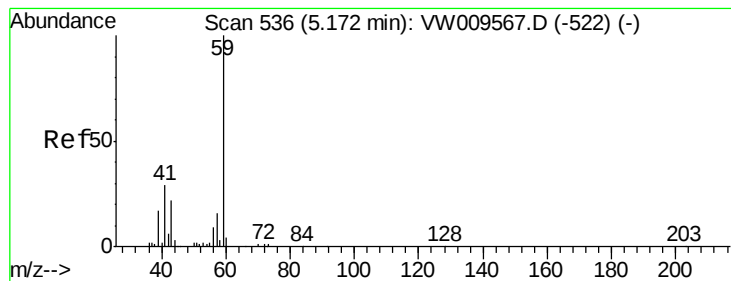
Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Tgt Ion:	142	Resp:	248980
Ion Ratio	Lower	Upper	
142	100		
127	47.8	35.9	53.9
141	15.2	11.4	17.2





#11

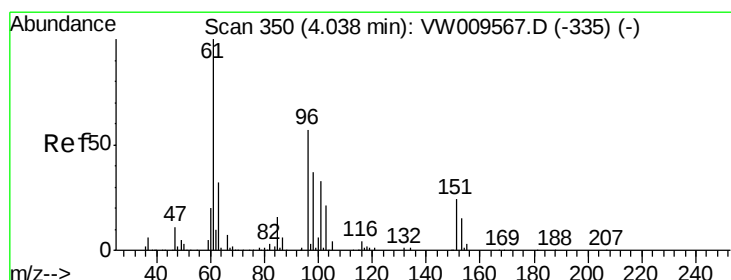
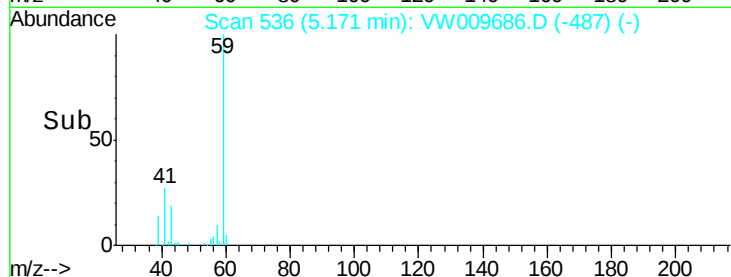
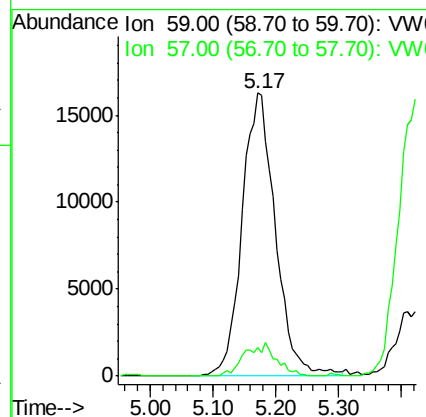
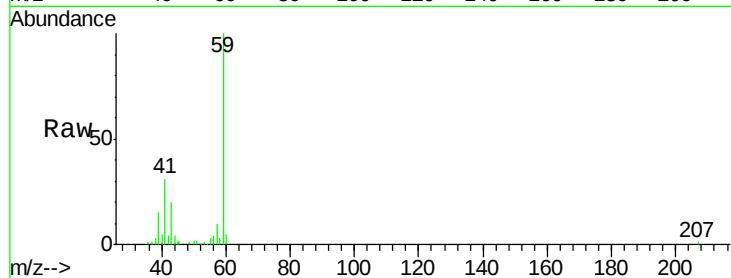
Tert butyl alcohol
Concen: 264.229 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	59638		
57	4.6		9.4	14.0#

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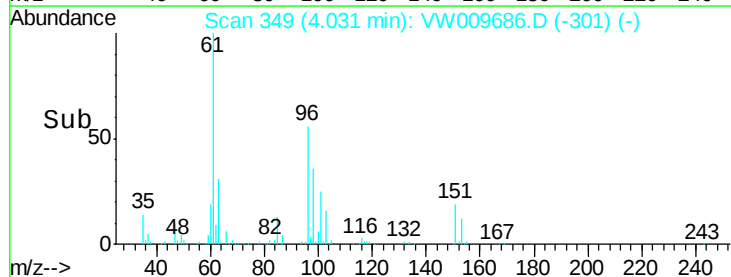
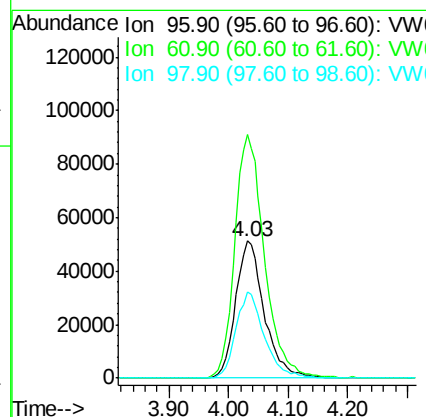
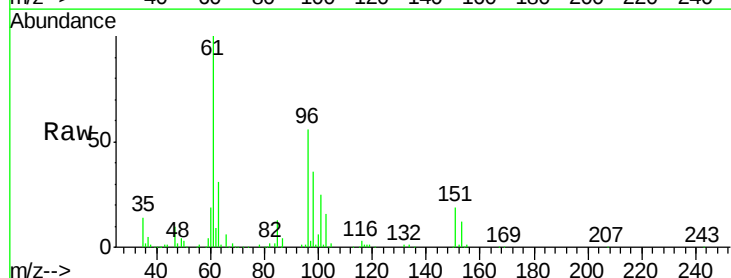
mohammad
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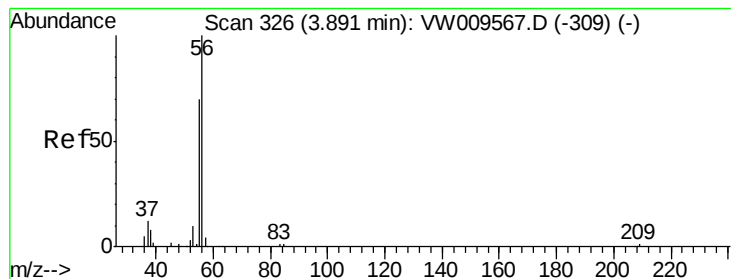


#12

1,1-Dichloroethene
Concen: 52.158 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	171378		
61	177.6		138.0	207.0
98	63.2		49.8	74.8





#13

Acrolein

Concen: 264.441 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 43777

Ion Ratio Lower Upper

56 100

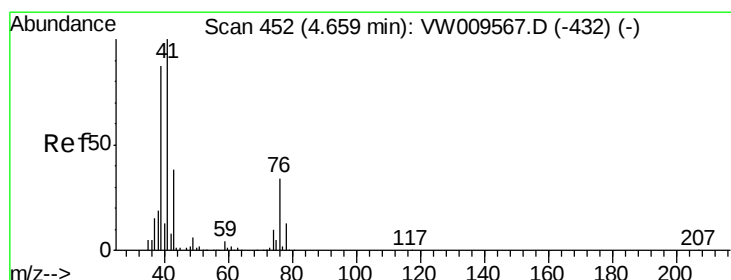
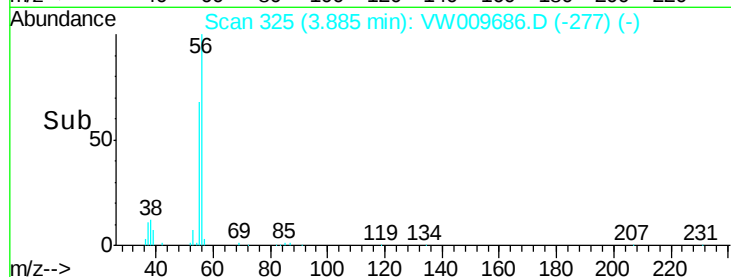
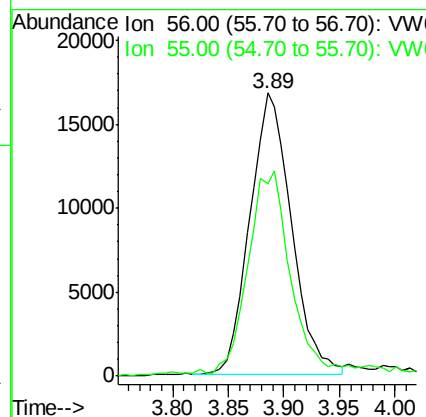
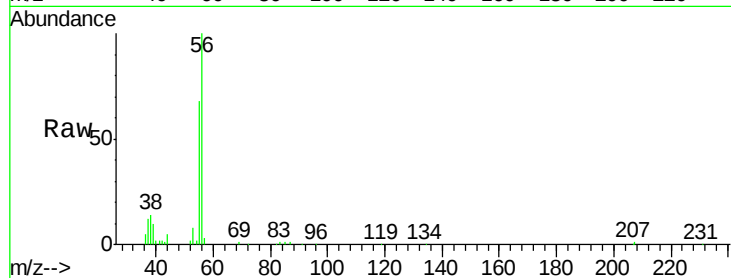
55 72.6 55.2 82.8

Manual Integrations

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#14

Allyl chloride

Concen: 57.944 ug/l

RT: 4.65 min Scan# 451

Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

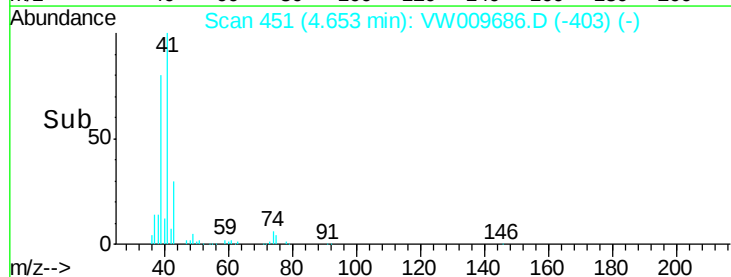
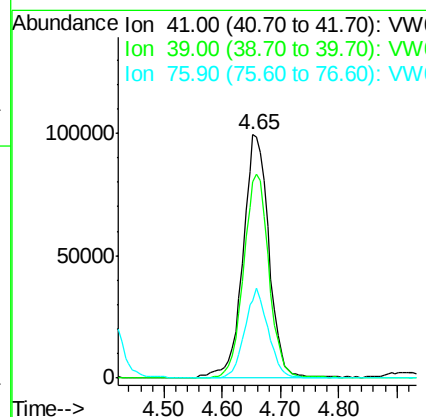
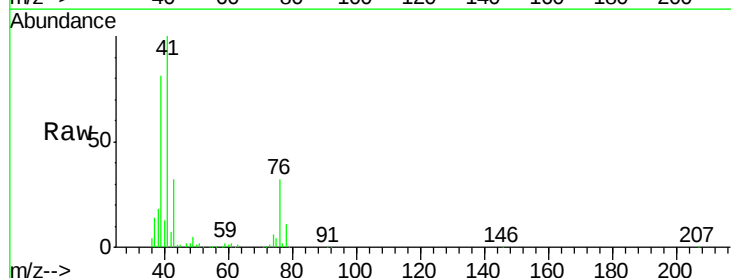
Tgt Ion: 41 Resp: 304520

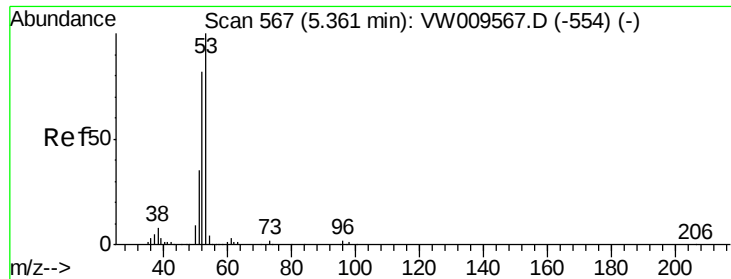
Ion Ratio Lower Upper

41 100

39 82.5 63.8 95.6

76 33.3 27.8 41.6





#15

Acrylonitrile

Concen: 256.390 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

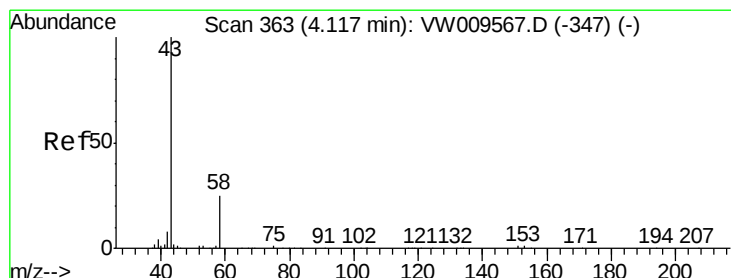
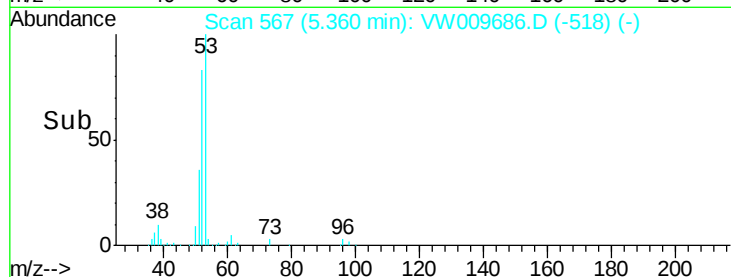
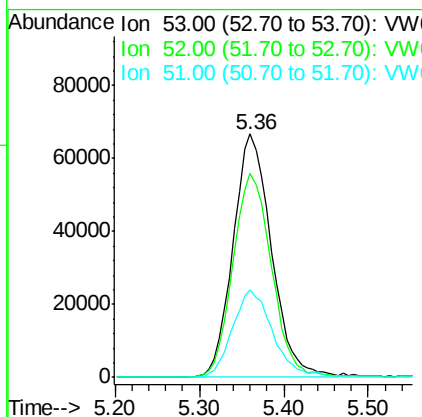
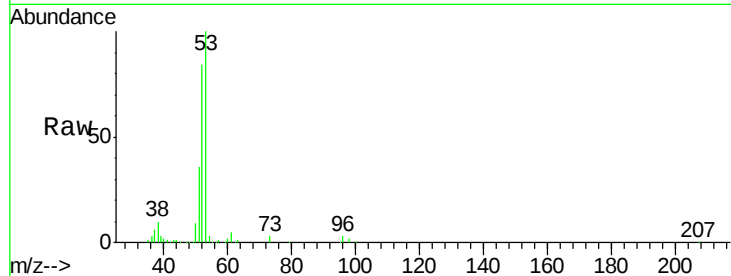
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	205929
Ion	Ratio	Lower	Upper
53	100		
52	84.5	67.6	101.4
51	38.1	30.6	45.8

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#16

Acetone

Concen: 300.253 ug/l

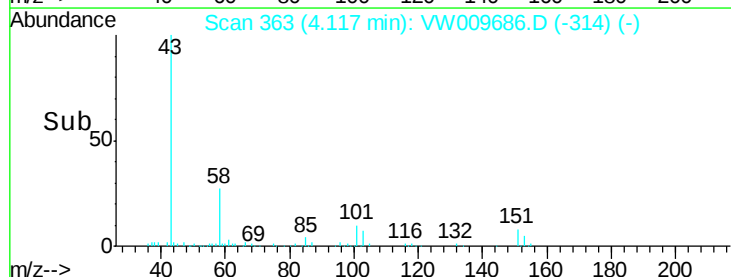
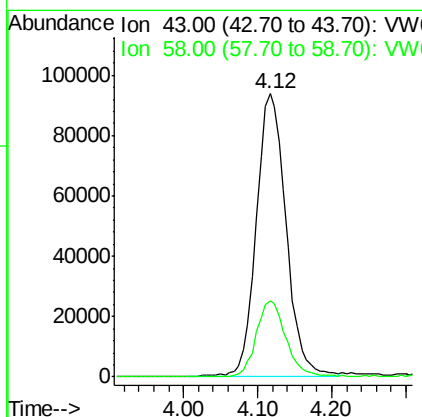
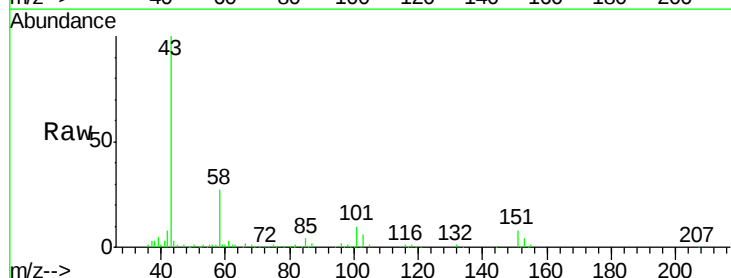
RT: 4.12 min Scan# 363

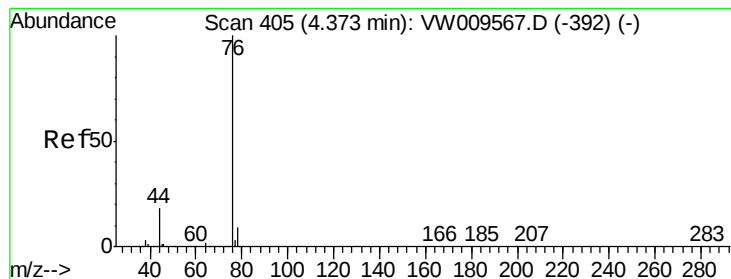
Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Tgt Ion:	43	Resp:	262792
Ion	Ratio	Lower	Upper
43	100		
58	27.0	23.6	35.4





#17

Carbon Disulfide

Concen: 50.048 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 467919

Ion Ratio Lower Upper

76 100

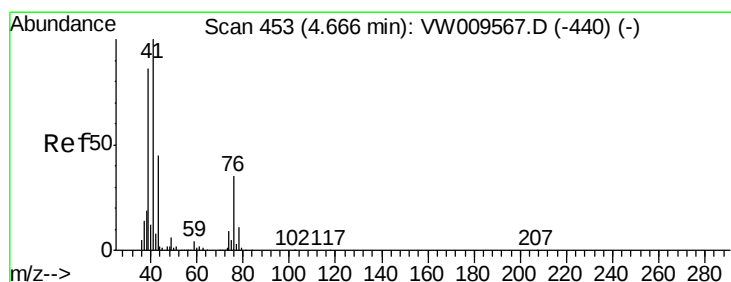
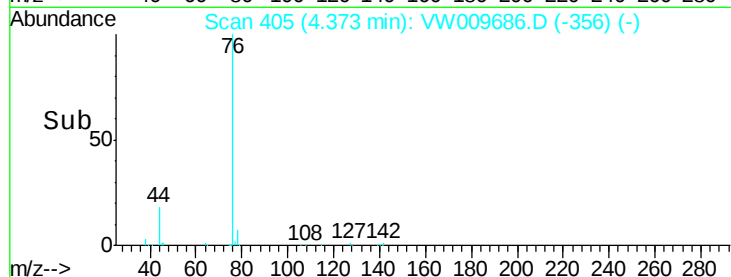
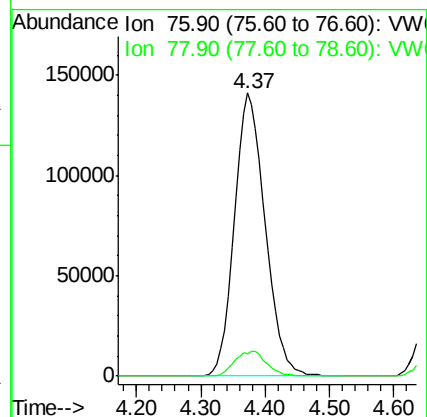
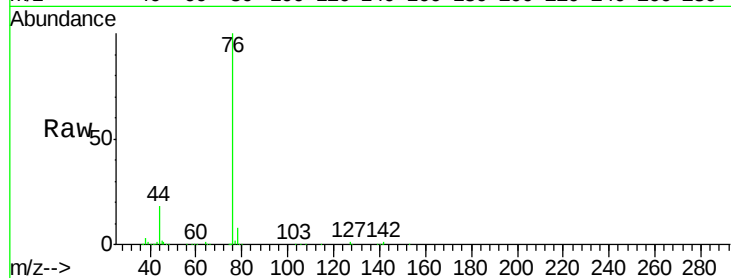
78 7.8 6.6 9.8

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#18

Methyl Acetate

Concen: 52.235 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW009686.D

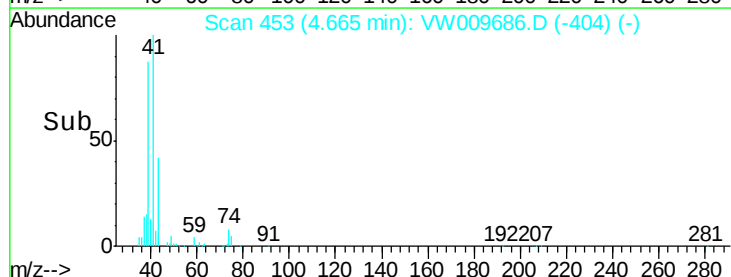
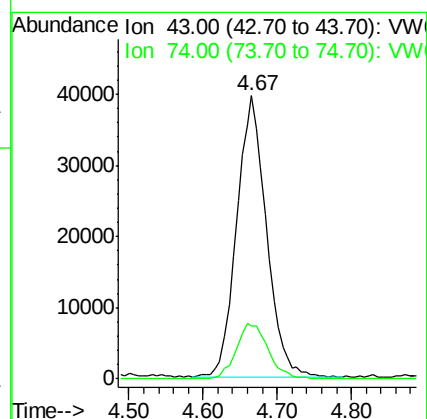
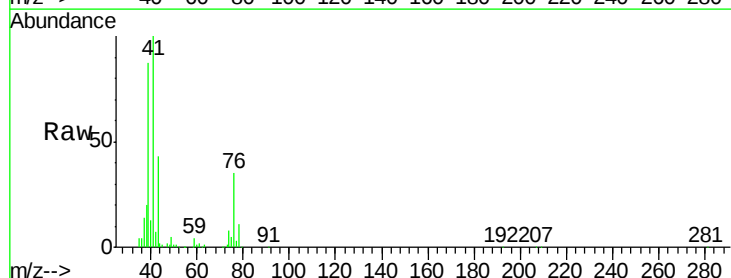
Acq: 04 Apr 2019 10:12

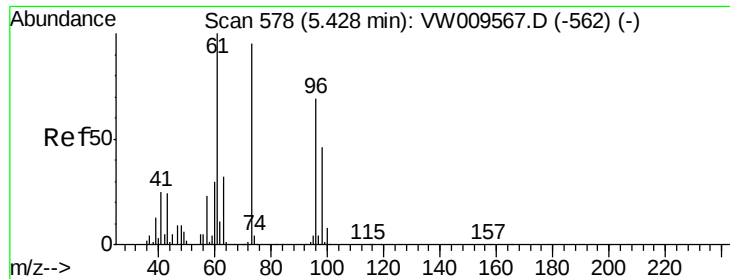
Tgt Ion: 43 Resp: 110513

Ion Ratio Lower Upper

43 100

74 20.8 17.7 26.5





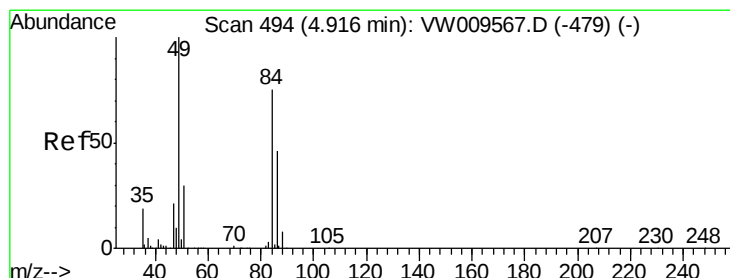
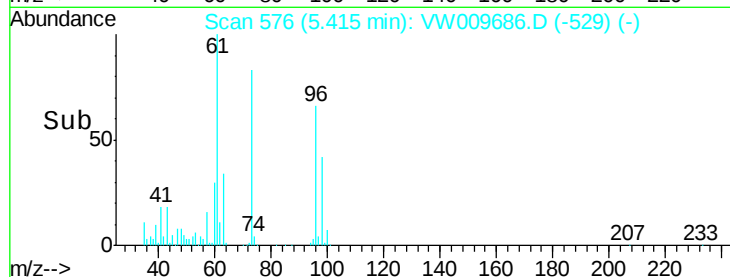
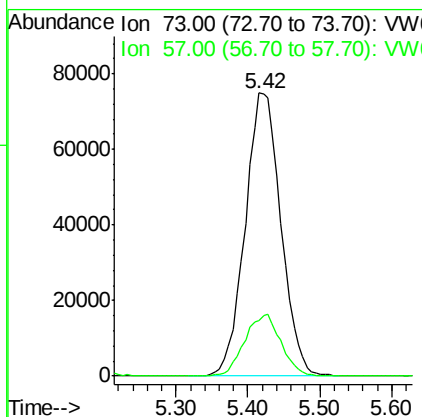
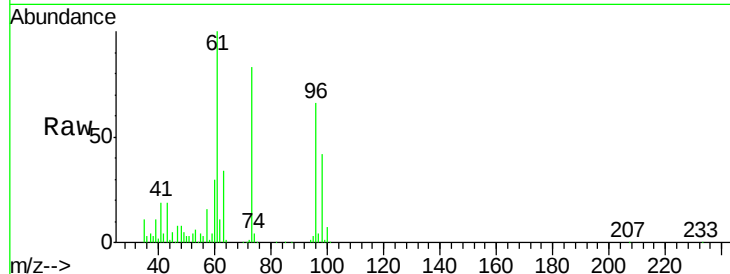
#19
Methvl tert-butvl Ether
Concen: 56.476 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 258090
Ion Ratio Lower Upper
73 100
57 19.7 17.0 25.6

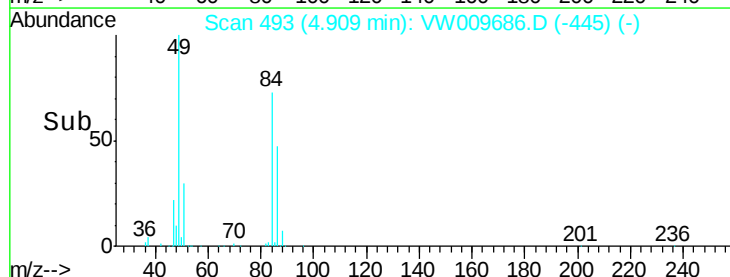
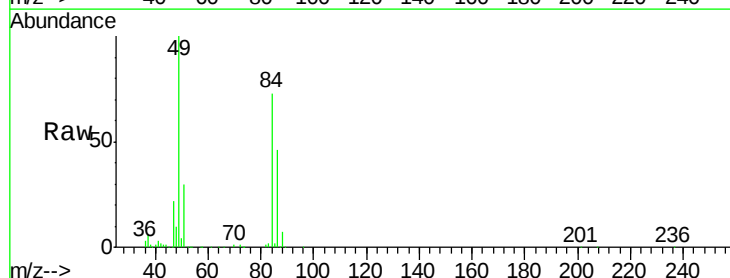
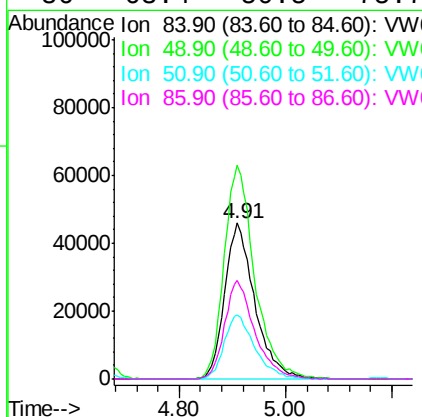
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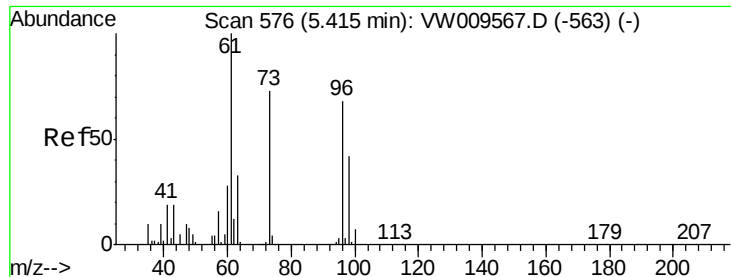
mohammad
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#20
Methylene Chloride
Concen: 53.000 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion: 84 Resp: 181186
Ion Ratio Lower Upper
84 100
49 137.3 99.1 148.7
51 41.0 28.7 43.1
86 63.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 51.976 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

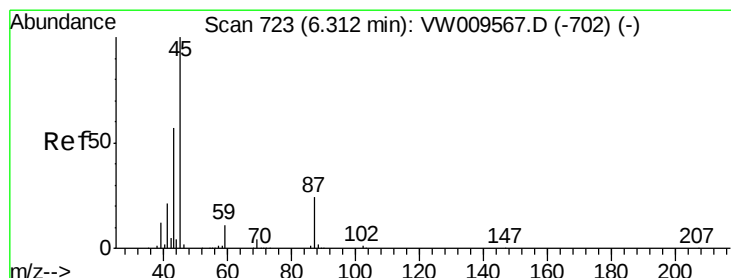
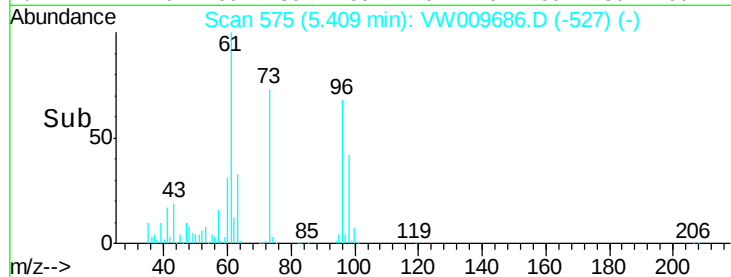
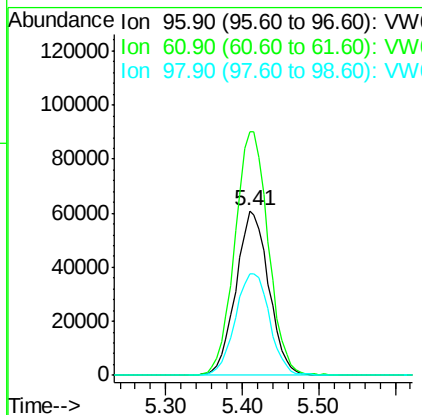
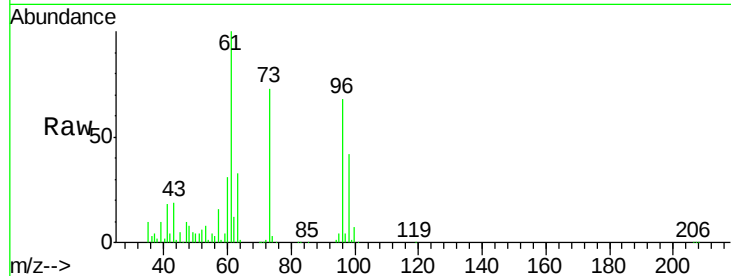
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	181325
Ion	Ratio	Lower	Upper
96	100		
61	148.0	108.2	162.4
98	61.5	50.9	76.3

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#22

Diisopropyl ether

Concen: 54.422 ug/l

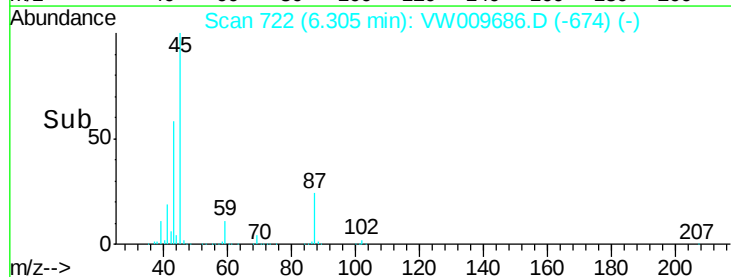
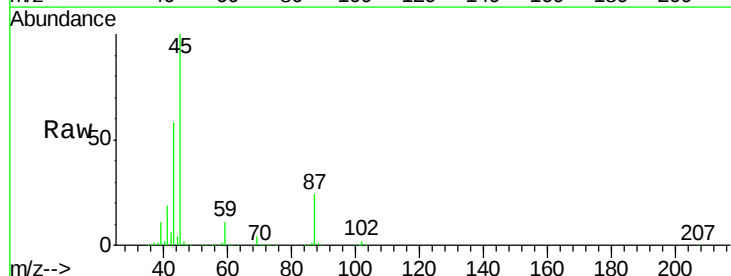
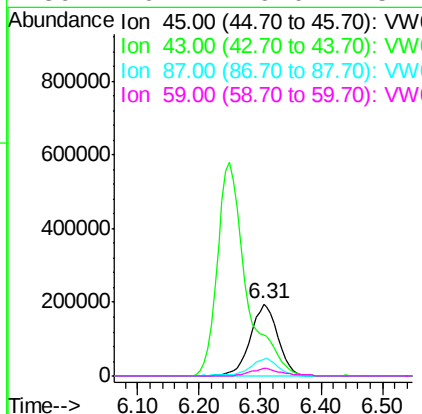
RT: 6.31 min Scan# 722

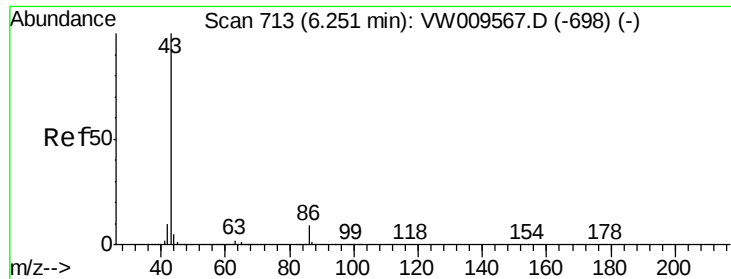
Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Tgt Ion:	45	Resp:	617675
Ion	Ratio	Lower	Upper
45	100		
43	57.5	47.9	71.9
87	24.0	20.6	30.8
59	10.7	9.0	13.4





#23

Vinyl Acetate

Concen: 269.385 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1907363

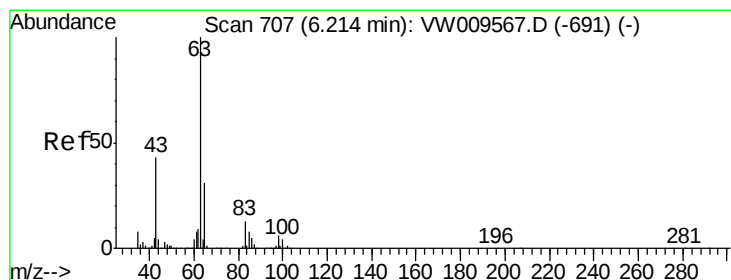
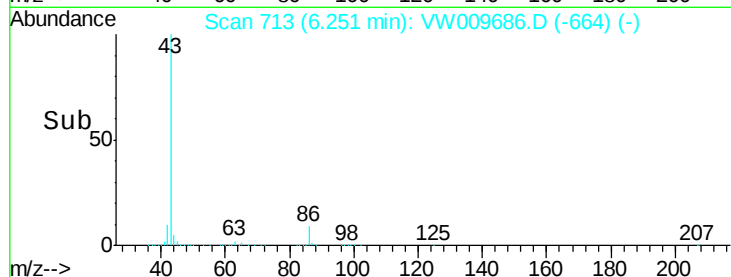
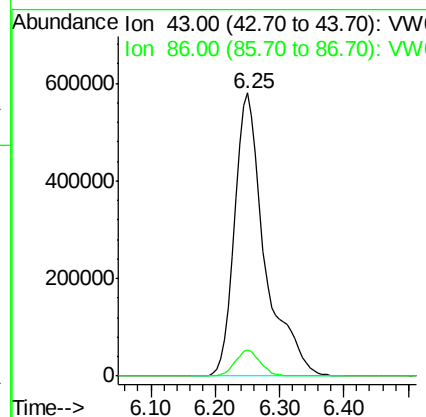
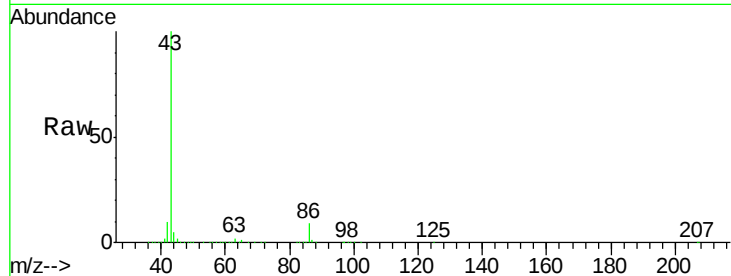
Ion Ratio Lower Upper

43 100

86 9.4 7.7 11.5

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#24

1,1-Dichloroethane

Concen: 52.598 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

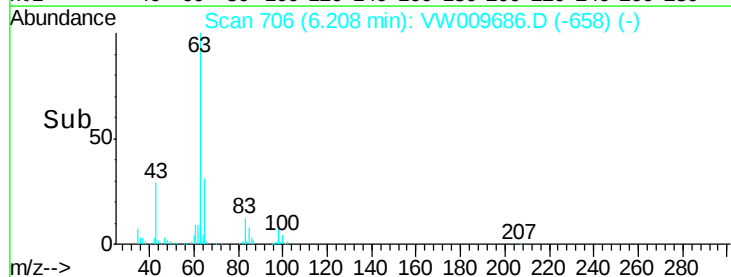
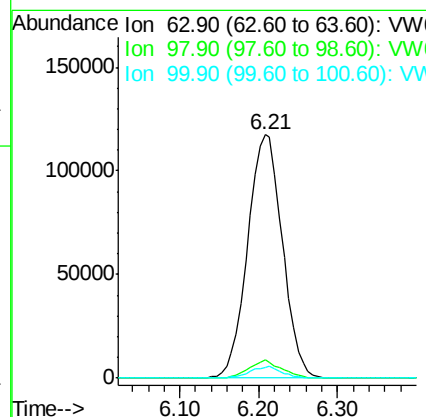
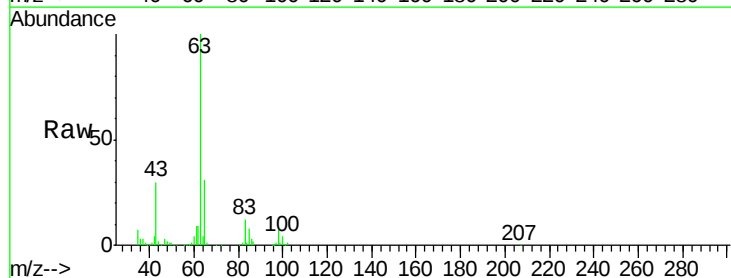
Tgt Ion: 63 Resp: 359312

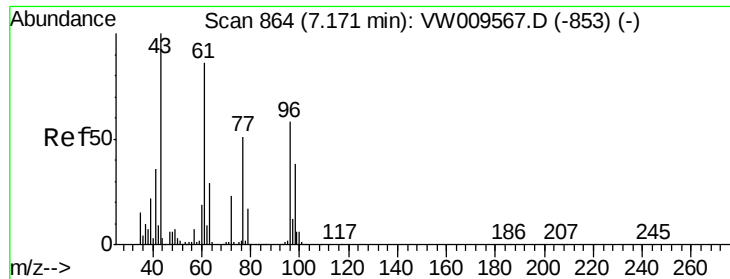
Ion Ratio Lower Upper

63 100

98 7.4 3.7 11.1

100 4.2 2.4 7.1





#25

2-Butanone

Concen: 265.541 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 321165

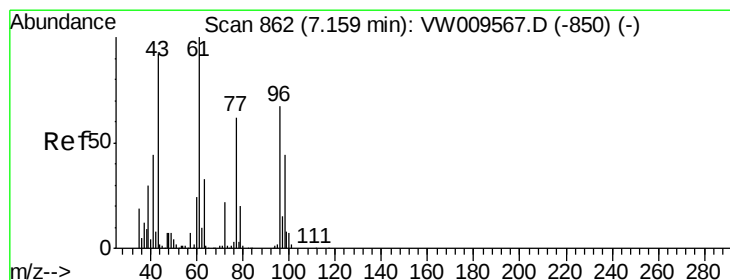
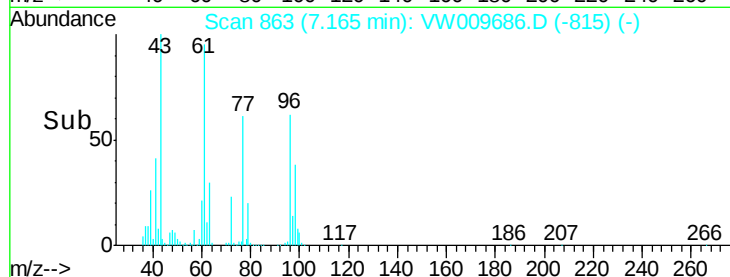
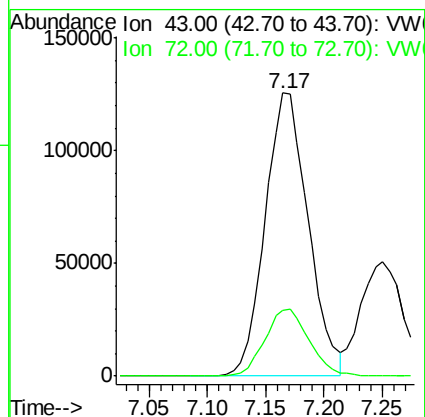
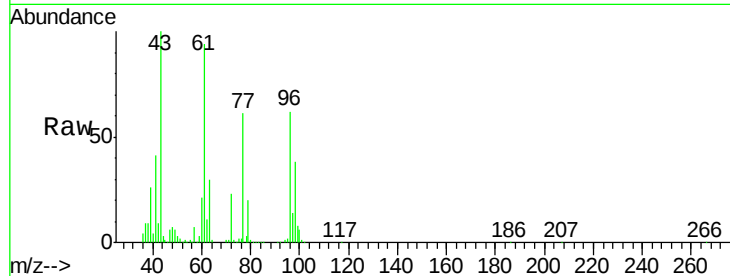
Ion Ratio Lower Upper

43 100

72 23.2 20.0 30.0

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#26

2,2-Dichloropropane

Concen: 58.058 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.00 min

Lab File: VW009686.D

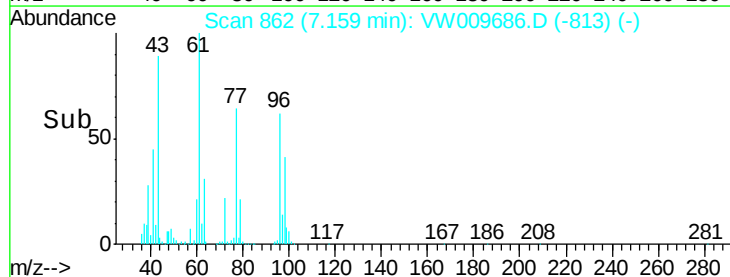
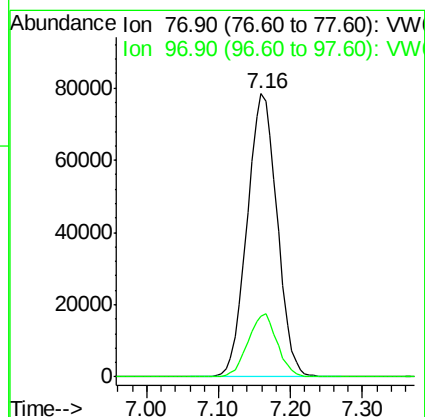
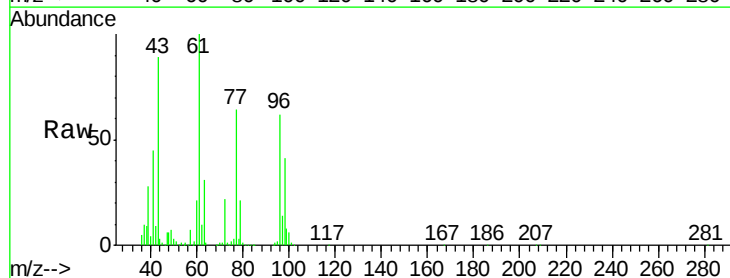
Acq: 04 Apr 2019 10:12

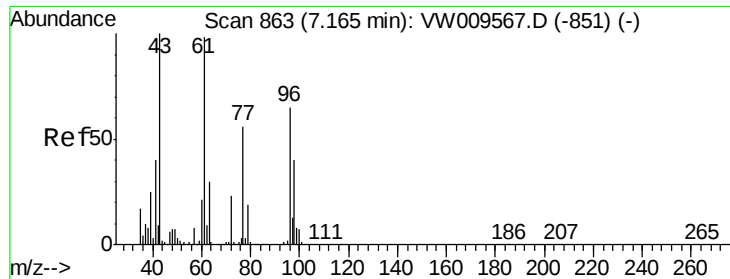
Tgt Ion: 77 Resp: 226755

Ion Ratio Lower Upper

77 100

97 21.5 11.6 34.7





#27

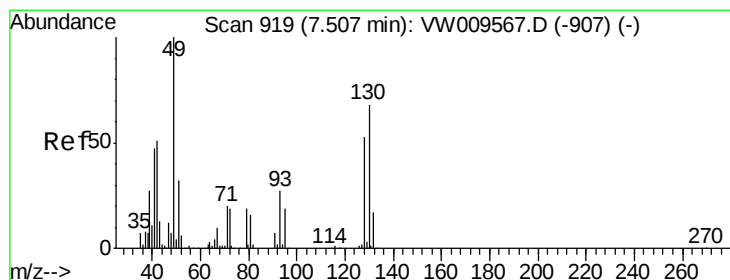
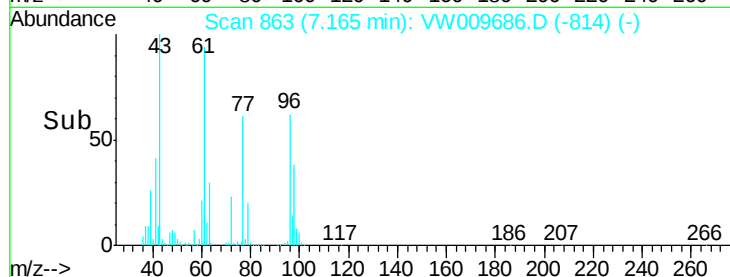
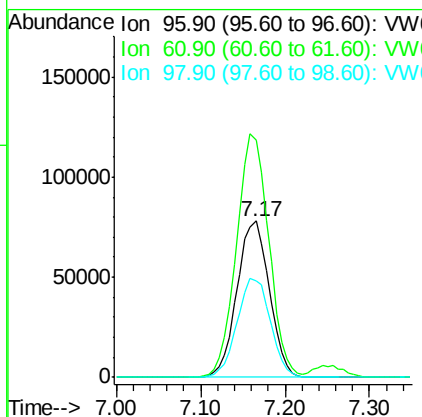
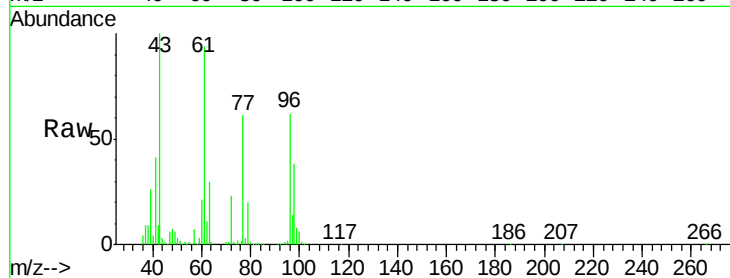
cis-1,2-Dichloroethene
 Concen: 53.292 ug/l
 RT: 7.17 min Scan# 863
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	155.7	0.0	289.8
98	64.8	0.0	130.8

Manual Integrations
 APPROVED

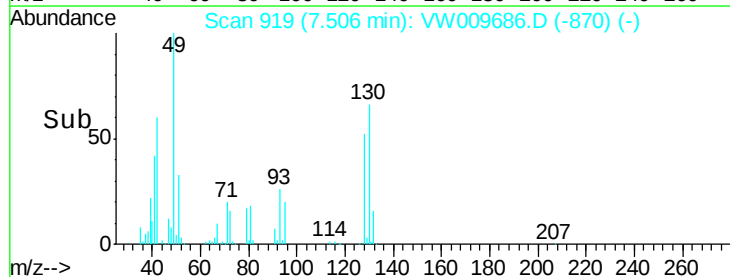
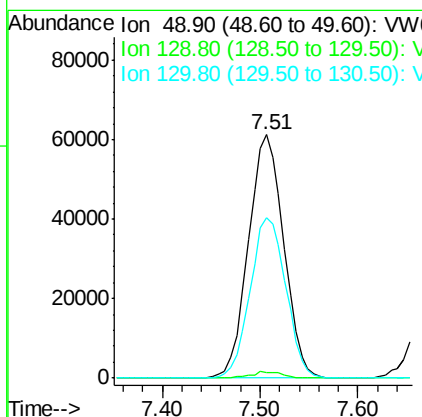
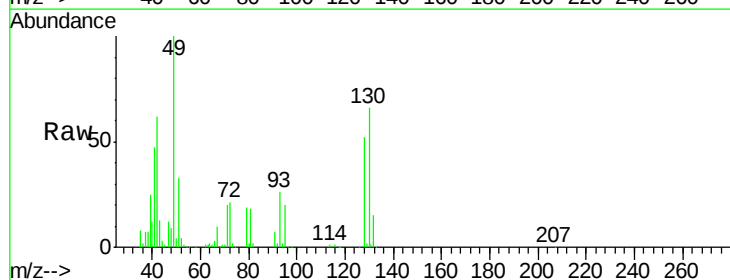
mohammad
 4/5/2019 3:50:58 PM

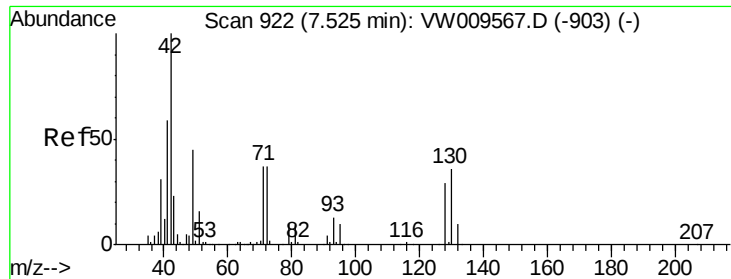


#28

Bromochloromethane
 Concen: 51.653 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	1.4#
130	67.1	58.6	88.0





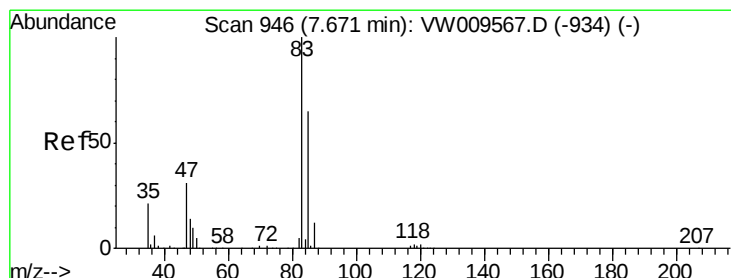
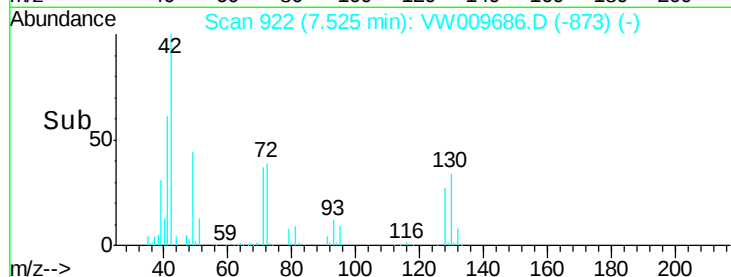
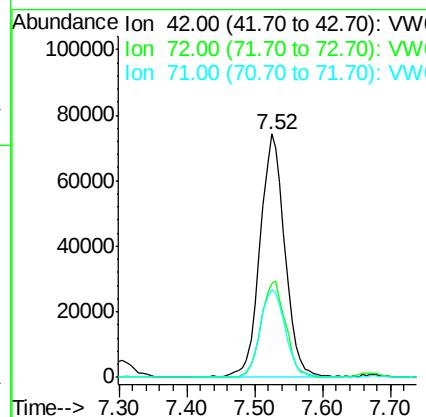
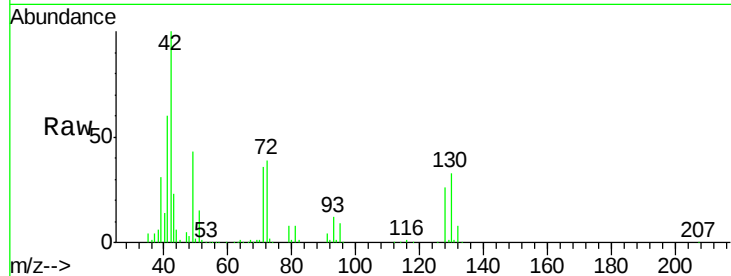
#29
Tetrahydrofuran
Concen: 253.025 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.0	32.4	48.6
71	36.6	30.1	45.1

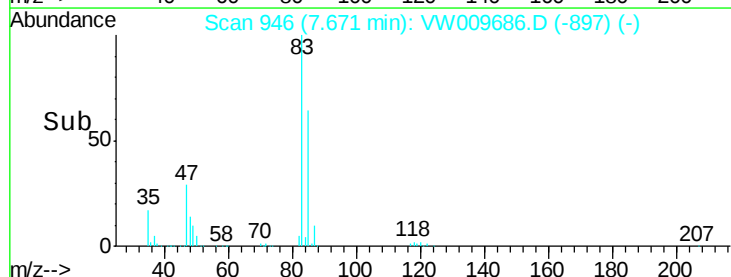
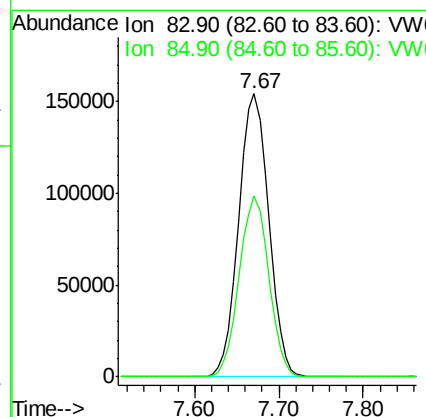
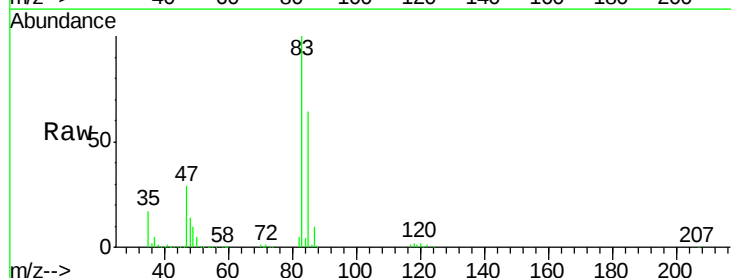
Manual Integrations
APPROVED

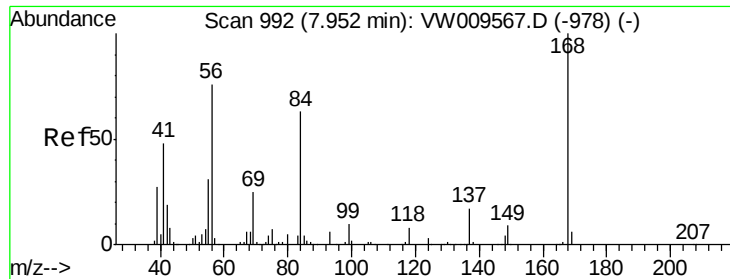
mohammad
4/5/2019 3:50:58 PM



#30
Chloroform
Concen: 52.563 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6





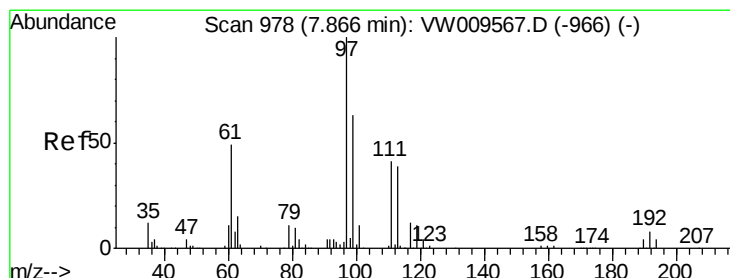
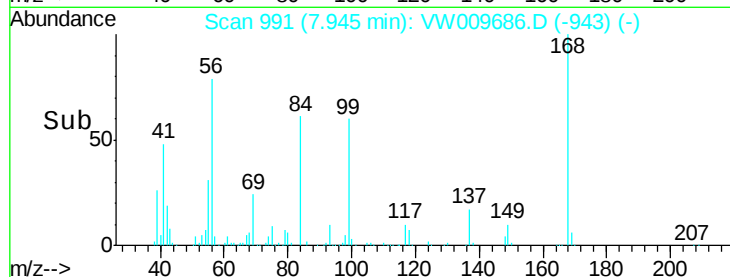
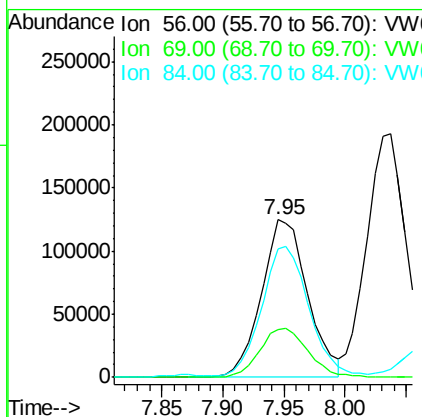
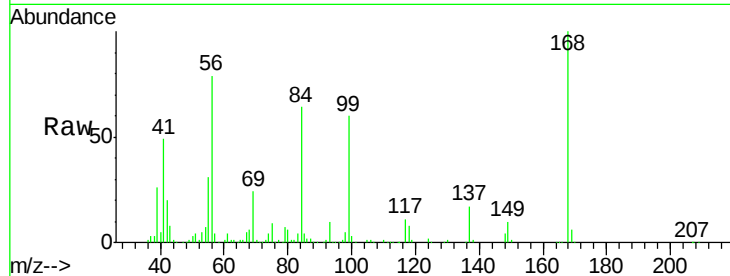
#31
Cyclohexane
Concen: 51.122 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	26.1	39.1
84	80.0	68.6	103.0

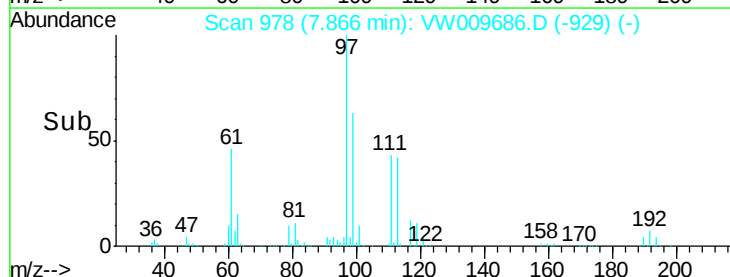
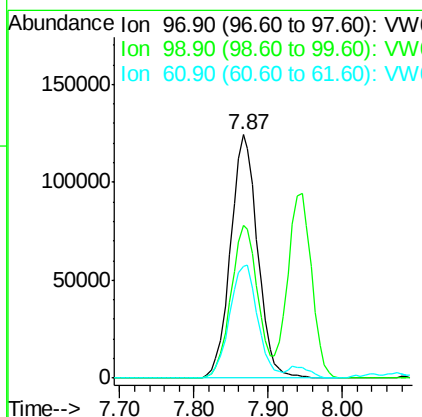
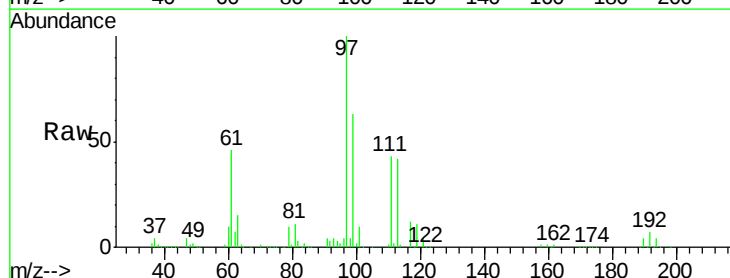
Manual Integrations
APPROVED

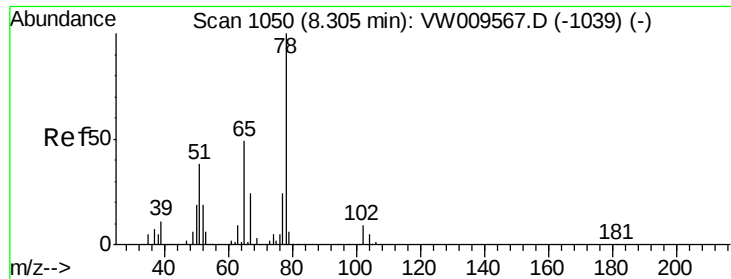
mohammad
4/5/2019 3:50:58 PM



#32
1,1,1-Trichloroethane
Concen: 55.052 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.9	77.9
61	48.5	36.8	55.2





#33

1,2-Dichloroethane-d4

Concen: 52.363 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 65 Resp: 203837

Ion Ratio Lower Upper

65 100

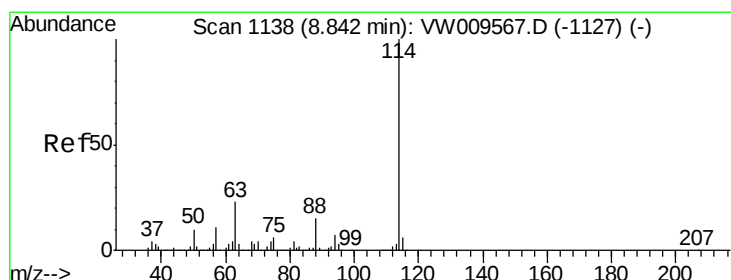
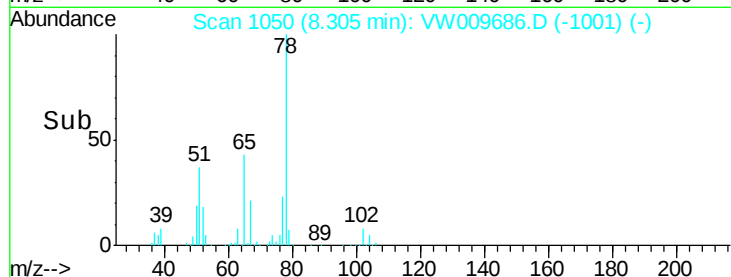
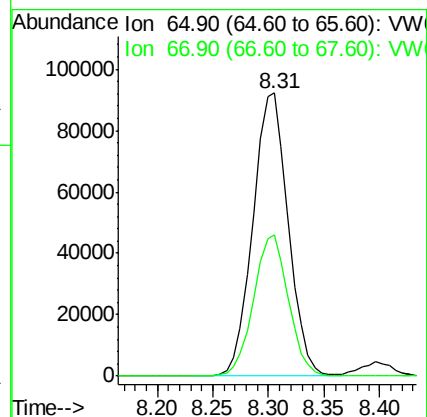
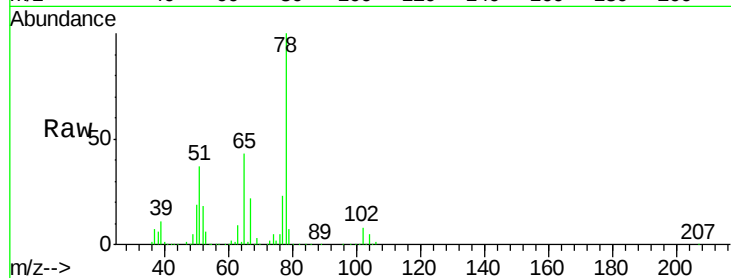
67 49.4 0.0 102.4

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

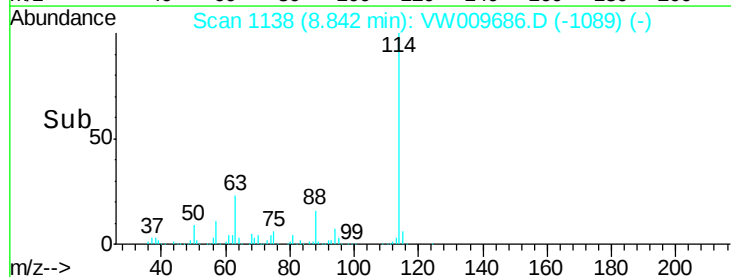
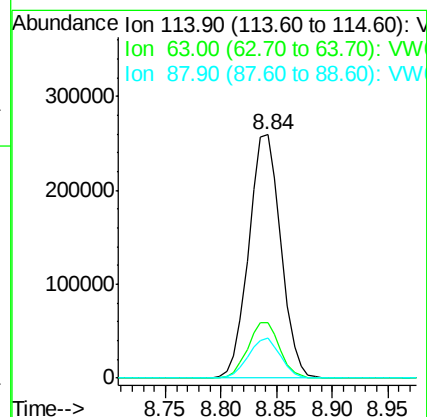
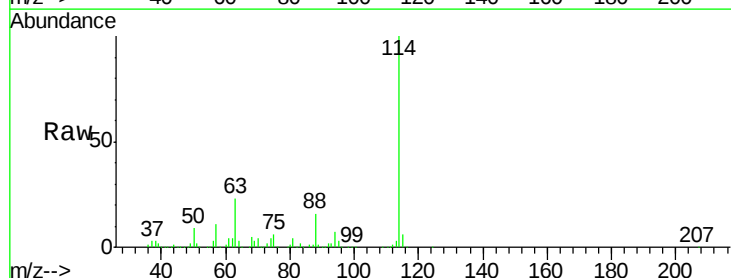
Tgt Ion: 114 Resp: 520698

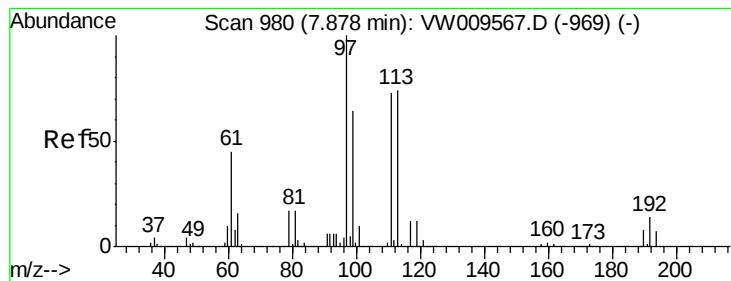
Ion Ratio Lower Upper

114 100

63 22.6 0.0 42.2

88 16.4 0.0 30.8





#35

Dibromofluoromethane

Concen: 53.709 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

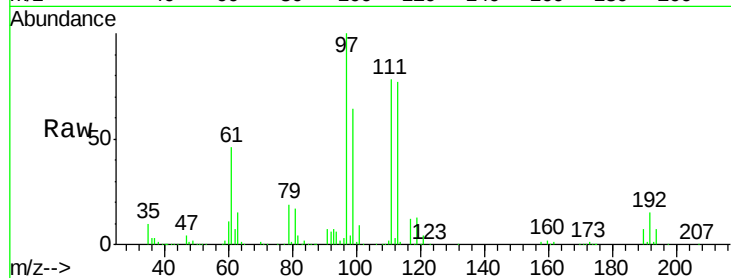
ClientSampled :

VSTDCCC050

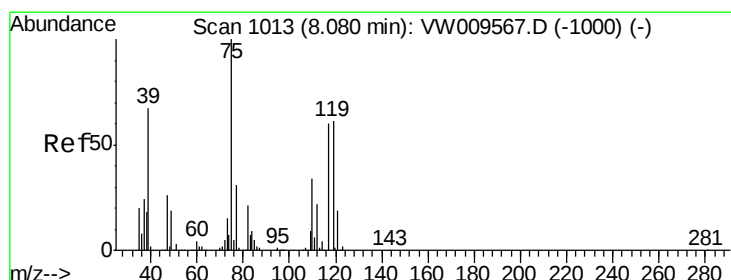
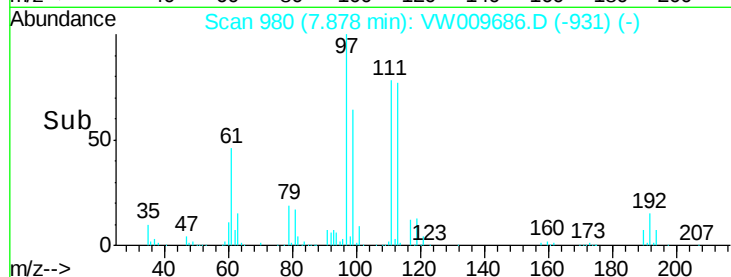
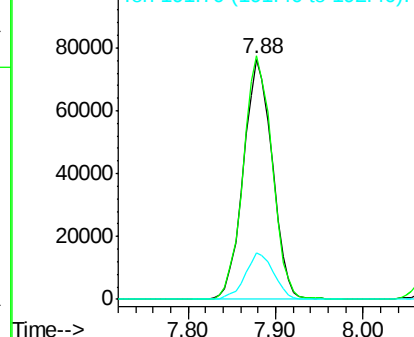
Tot Ion:	113	Resp:	175651
Ion Ratio	Lower	Upper	
113	100		
111	101.6	82.6	124.0
192	18.9	16.4	24.6

Manual Integrations
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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 53.883 ug/l

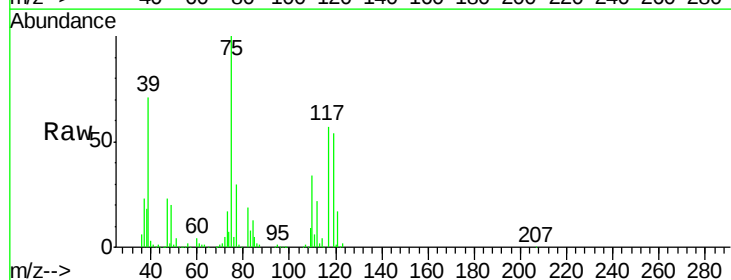
RT: 8.08 min Scan# 1013

Delta R.T. -0.00 min

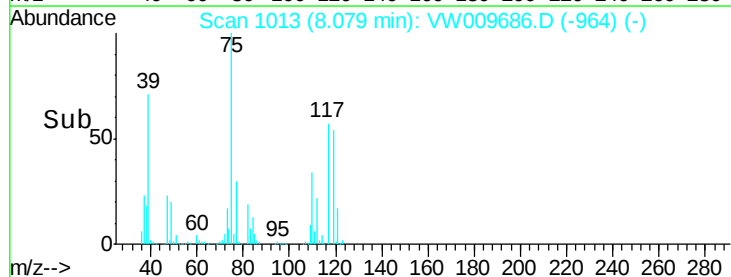
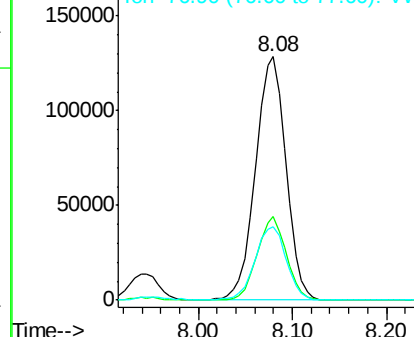
Lab File: VW009686.D

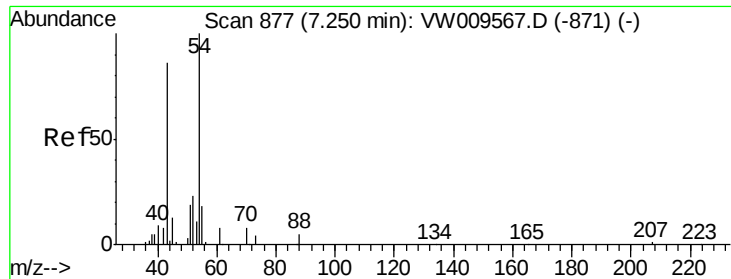
Acq: 04 Apr 2019 10:12

Tgt Ion:	75	Resp:	290199
Ion Ratio	Lower	Upper	
75	100		
110	32.9	16.8	50.4
77	31.1	24.6	36.8



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VW





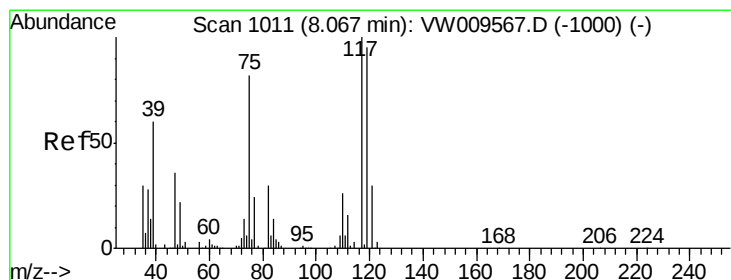
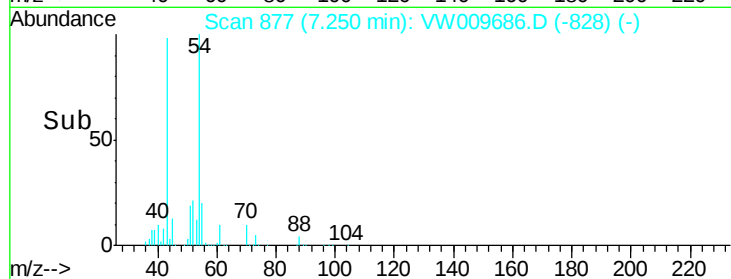
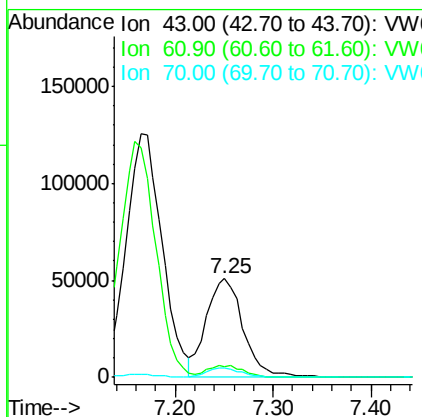
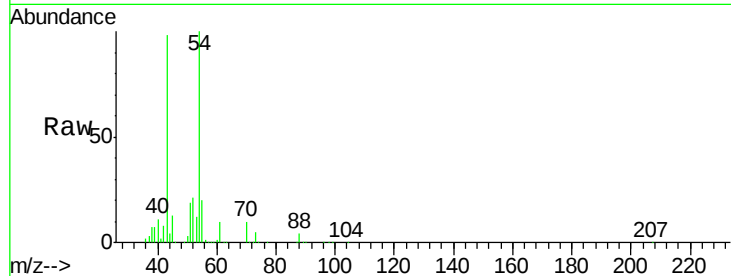
#37
Ethyl Acetate
Concen: 51.594 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
43	100	132014		
61	11.6	10.0	15.0	
70	9.1	7.3	10.9	

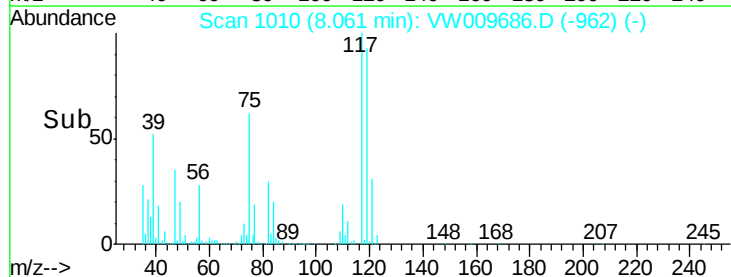
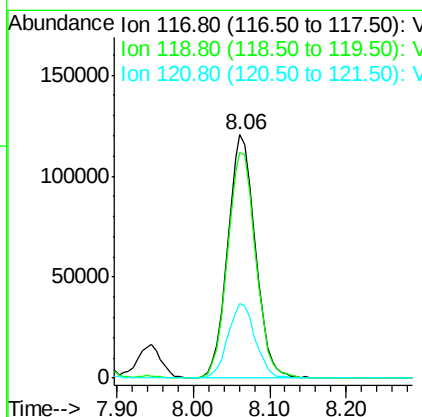
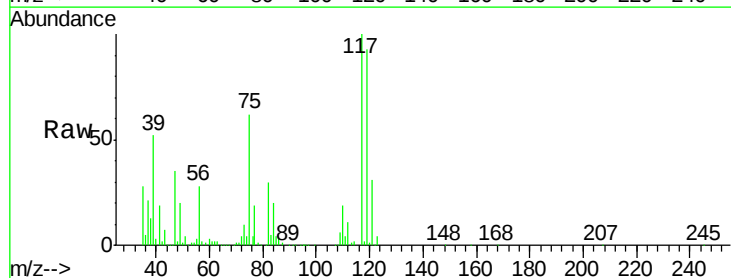
Manual Integrations
APPROVED

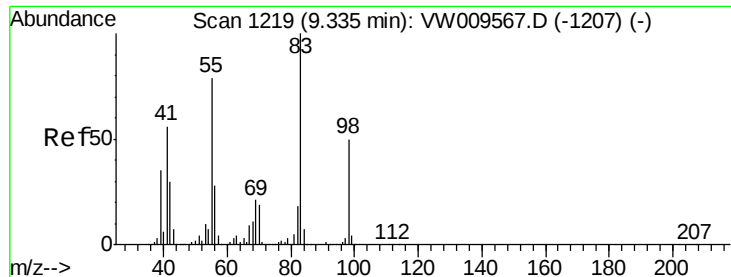
mohammad
4/5/2019 3:50:58 PM



#38
Carbon Tetrachloride
Concen: 54.427 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	300360		
119	92.8	75.4	113.0	
121	30.6	24.9	37.3	





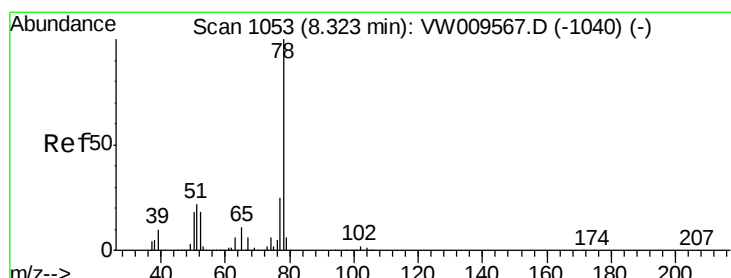
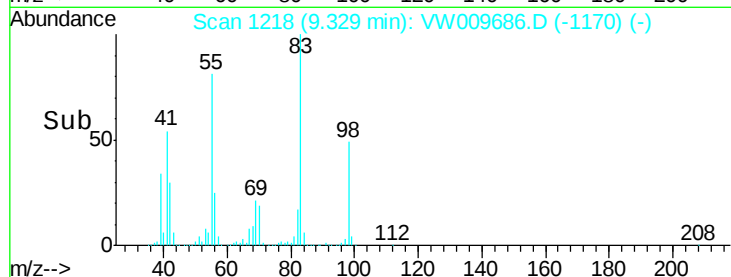
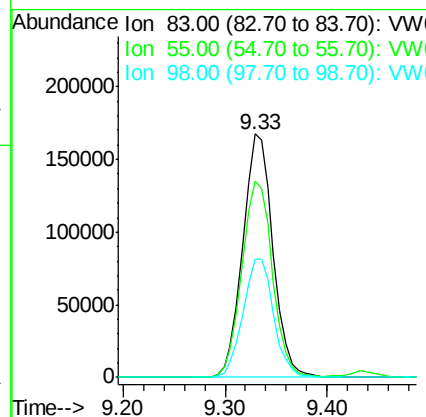
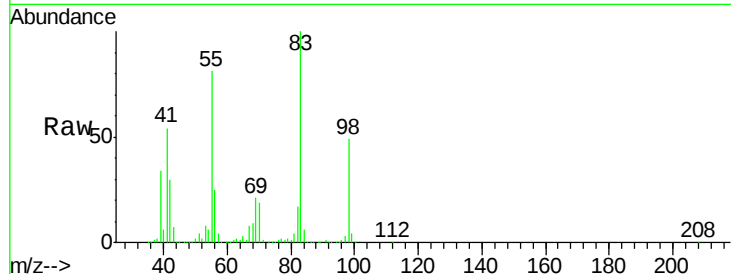
#39
Methvlcvclohexane
Concen: 55.859 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.6	61.1	91.7
98	48.8	39.0	58.4

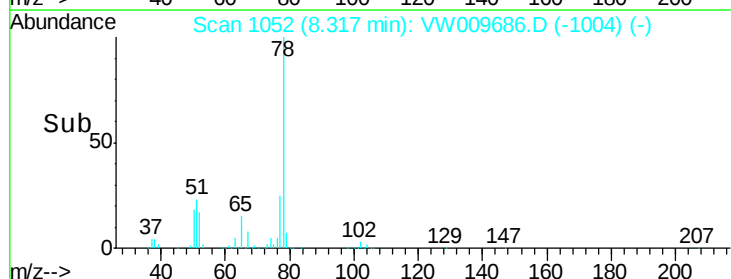
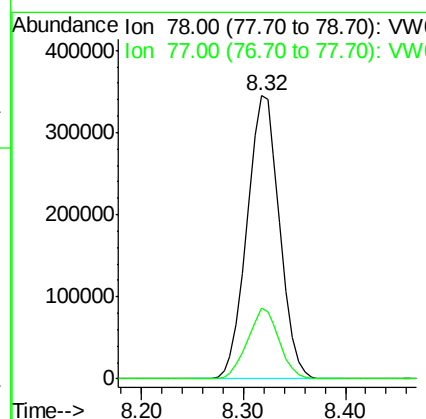
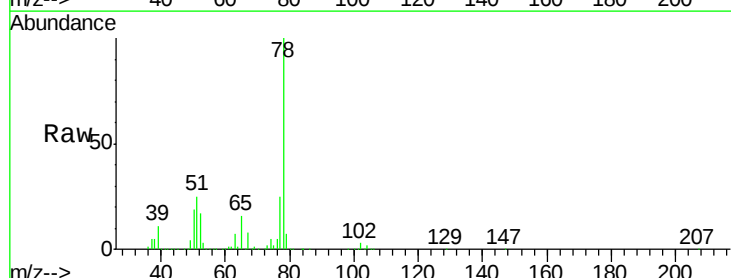
Manual Integrations
APPROVED

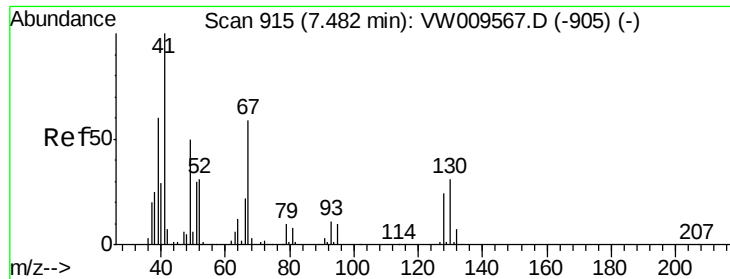
mohammad
4/5/2019 3:50:58 PM



#40
Benzene
Concen: 52.331 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.8	29.6





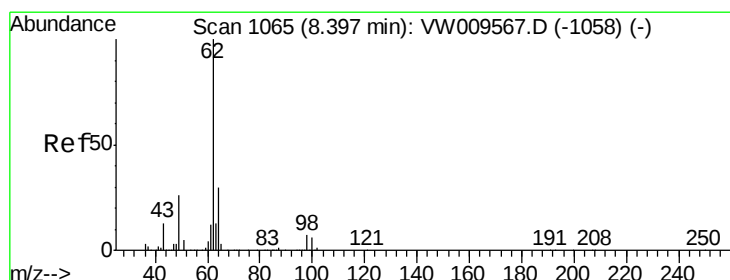
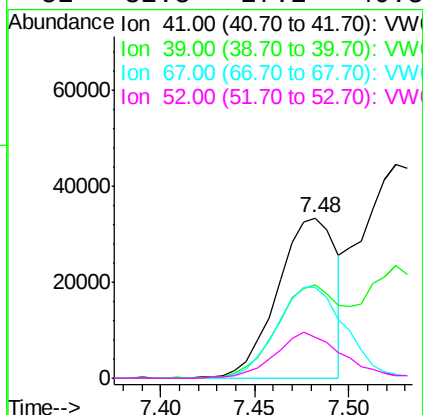
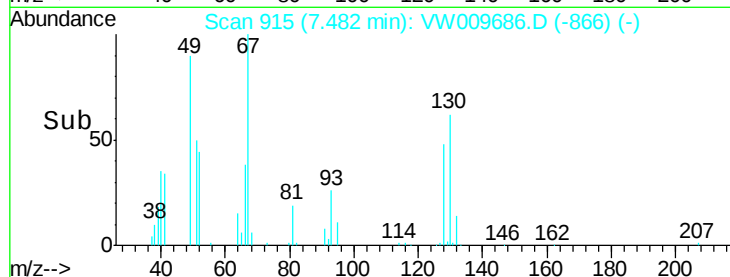
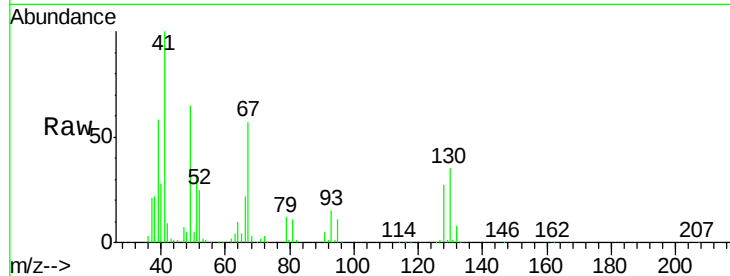
#41
Methacrylonitrile
Concen: 44.056 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	65.7	52.5	78.7
67	67	67.5	56.6	84.8
52	52	32.8	27.2	40.8

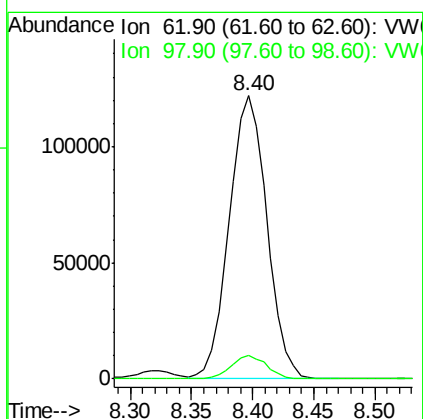
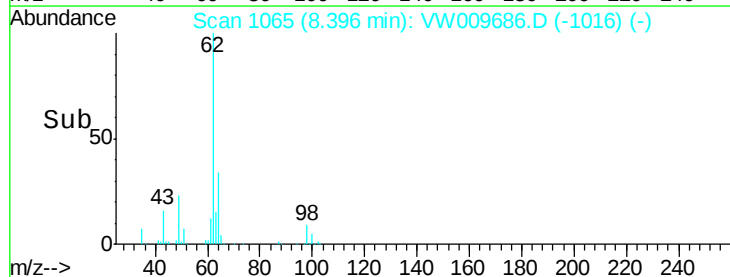
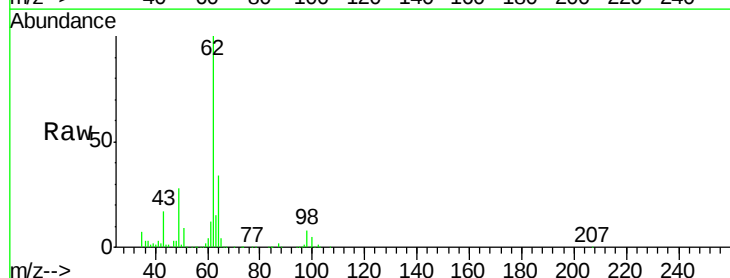
Manual Integrations
APPROVED

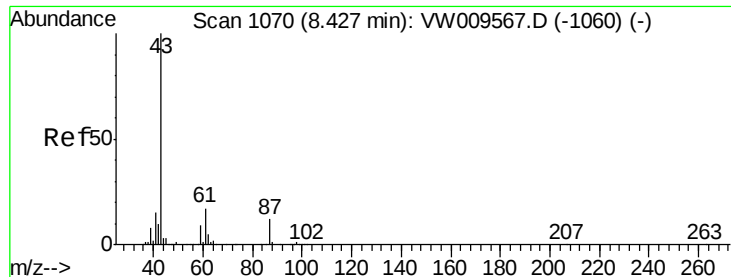
mohammad
4/5/2019 3:50:58 PM



#42
1,2-Dichloroethane
Concen: 52.401 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	8.0	0.0	17.4





#43

Isopropyl Acetate

Concen: 52.157 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

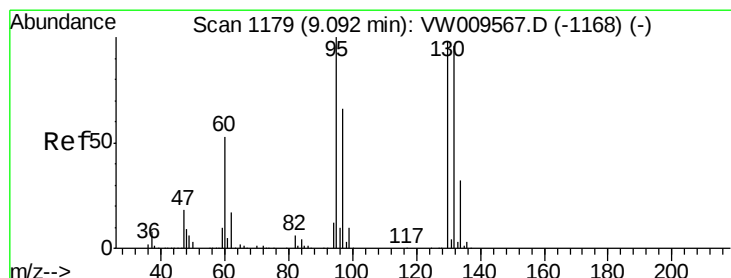
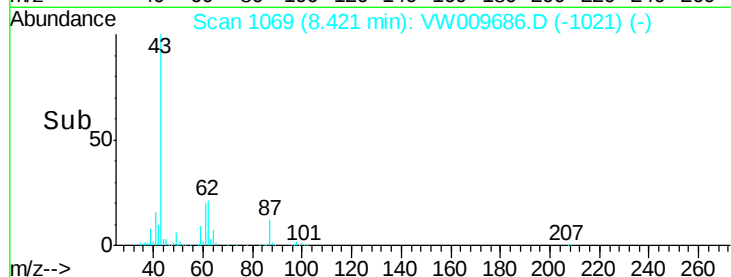
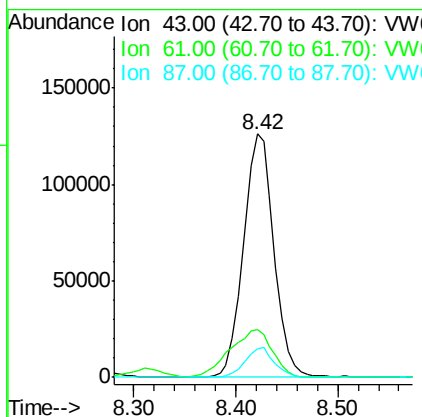
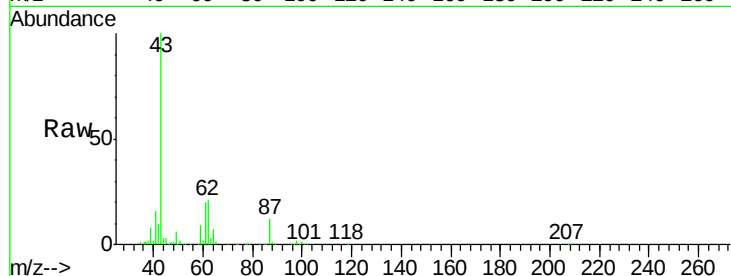
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	261544
Ion	Ratio	Lower	Upper
43	100		
61	27.3	22.2	33.2
87	11.7	9.6	14.4

Manual Integrations
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#44

Trichloroethene

Concen: 53.090 ug/l

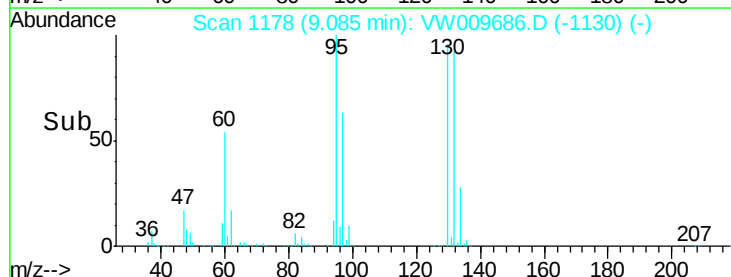
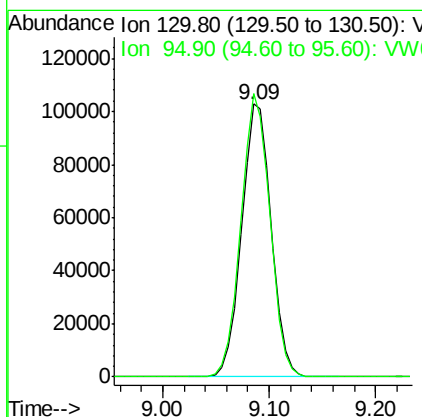
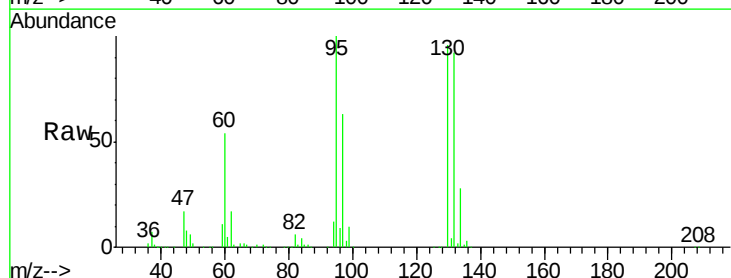
RT: 9.09 min Scan# 1178

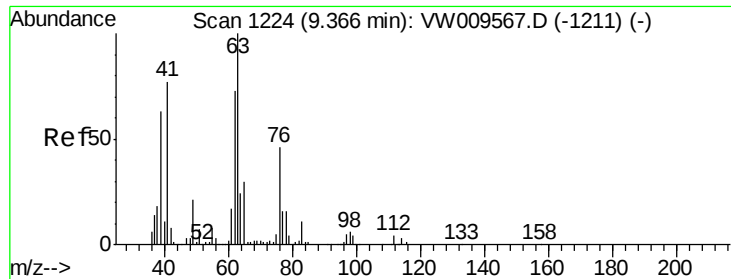
Delta R.T. -0.01 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Tgt Ion:	130	Resp:	200505
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	192.6





#45

1,2-Dichloropropane

Concen: 51.516 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 192359

Ion Ratio Lower Upper

63 100

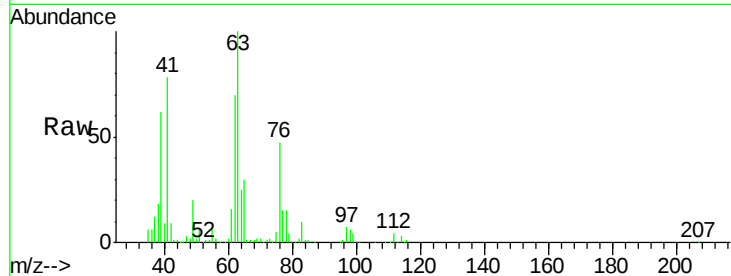
65 30.4 25.8 38.8

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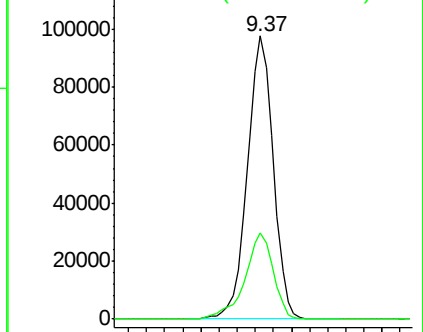
mohammad

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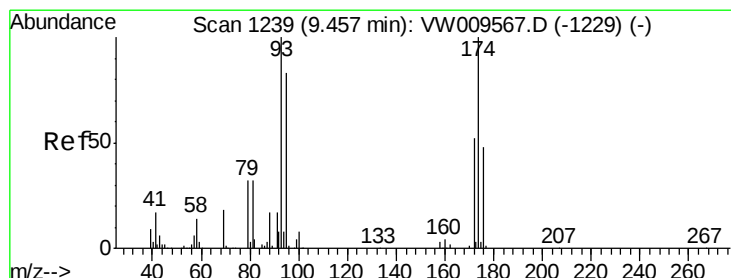
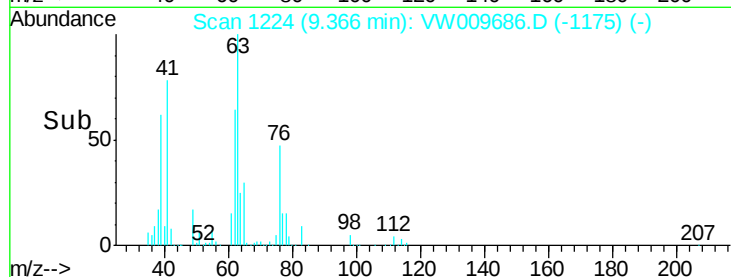


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



Time-->



#46

Dibromomethane

Concen: 49.620 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

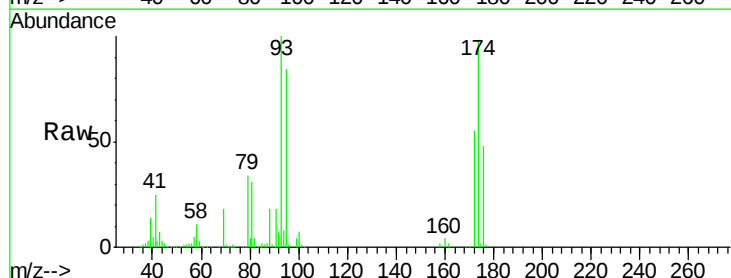
Tgt Ion: 93 Resp: 100371

Ion Ratio Lower Upper

93 100

95 84.3 66.9 100.3

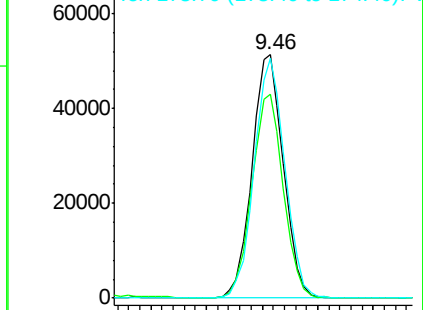
174 96.8 80.8 121.2



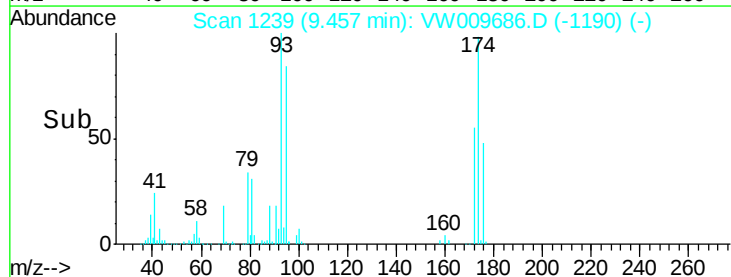
Abundance Ion 92.80 (92.50 to 93.50): VW

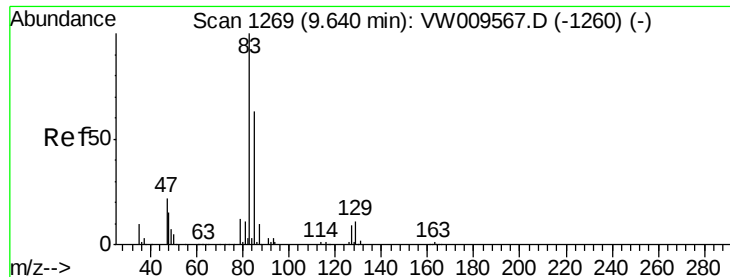
Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V



Time-->





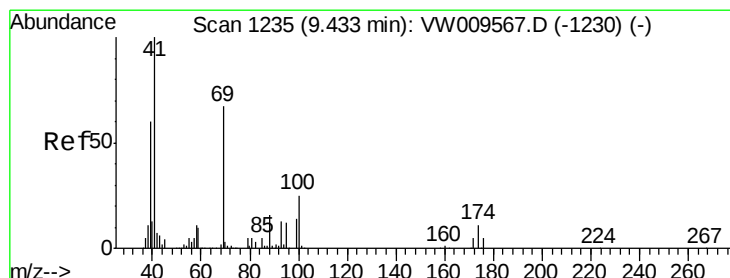
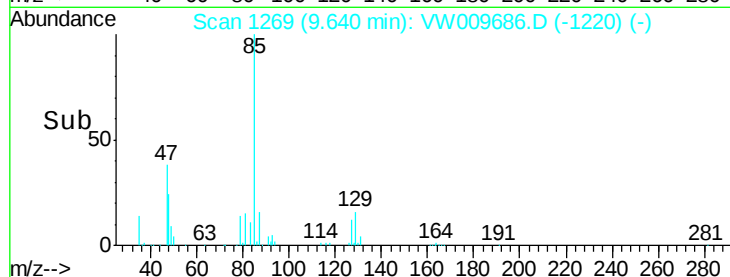
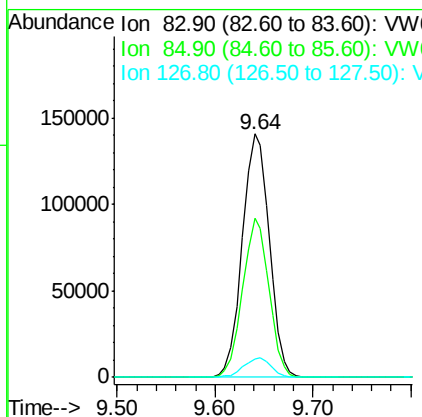
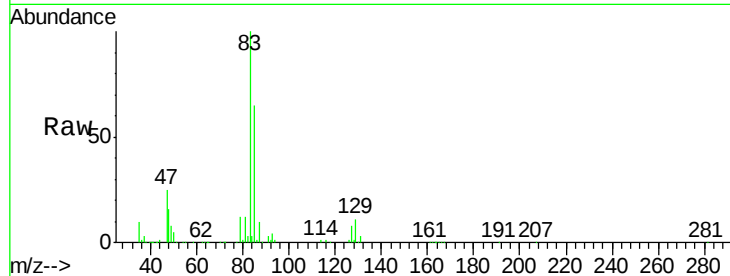
#47
Bromodichloromethane
Concen: 52.325 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	269987		
85	65.3		52.6	79.0
127	7.8		6.5	9.7

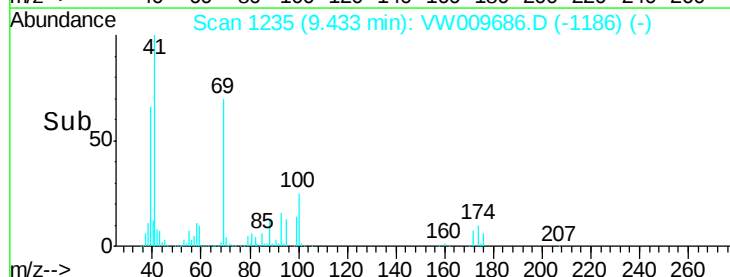
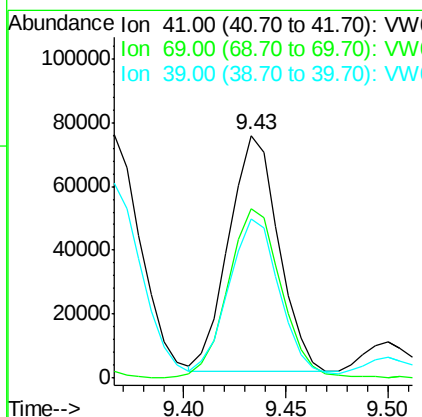
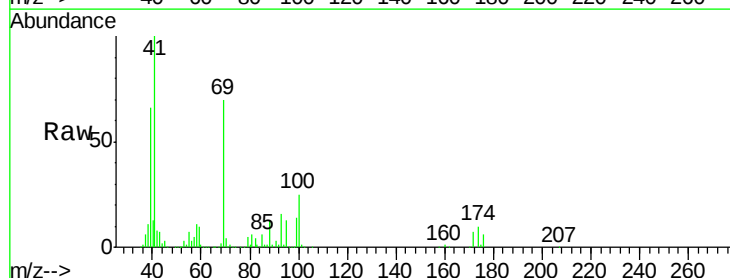
Manual Integrations
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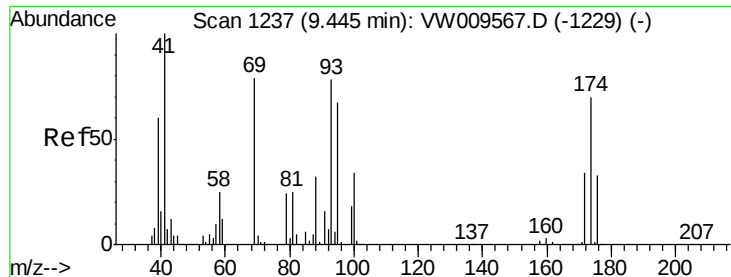
mohammad
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#48
Methyl methacrylate
Concen: 53.366 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	125445		
69	76.6		63.0	94.6
39	65.8		57.2	85.8





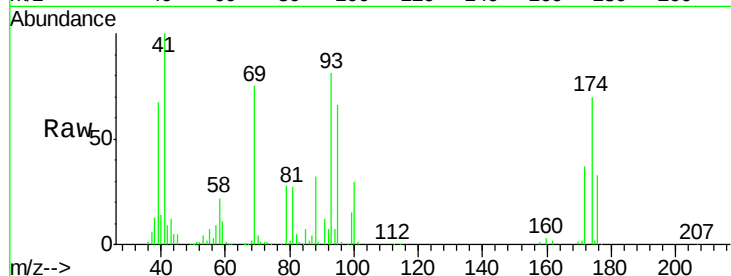
#49
 1,4-Dioxane
 Concen: 1038.703 ug/l
 RT: 9.45 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

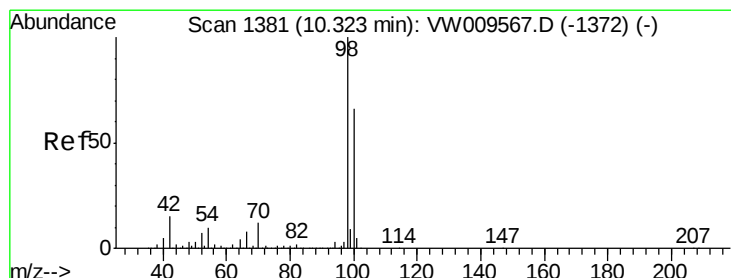
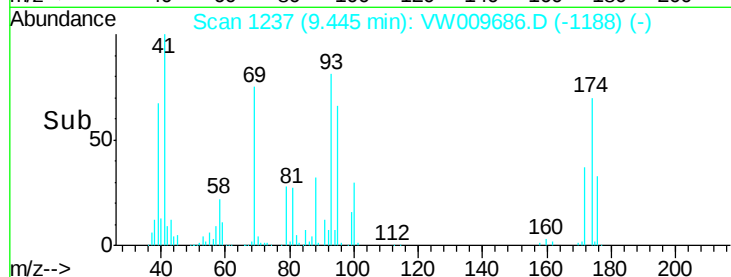
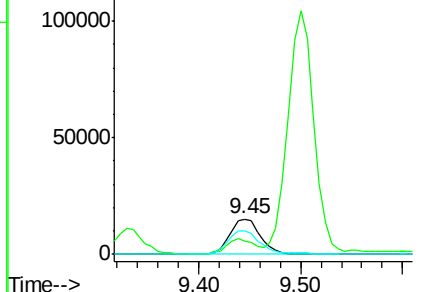
Tot Ion	88	Resp	31289
Ion Ratio	Lower	Upper	
88	100		
43	39.7	29.7	44.5
58	72.7	58.1	87.1

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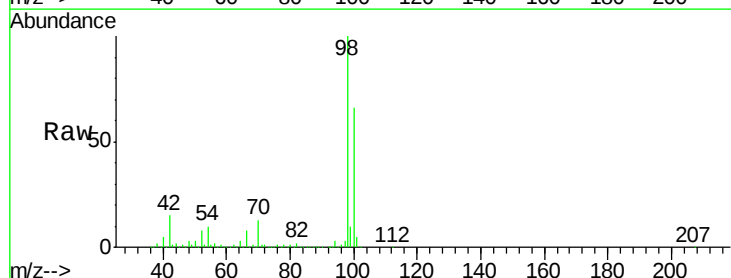


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

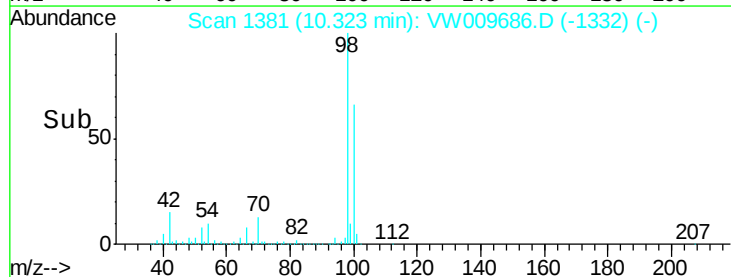
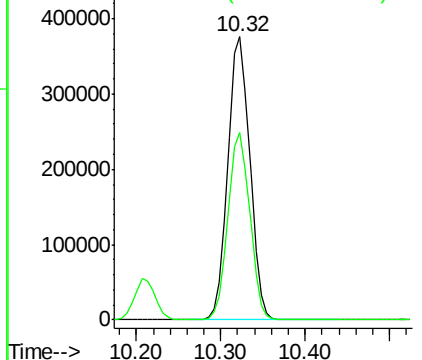


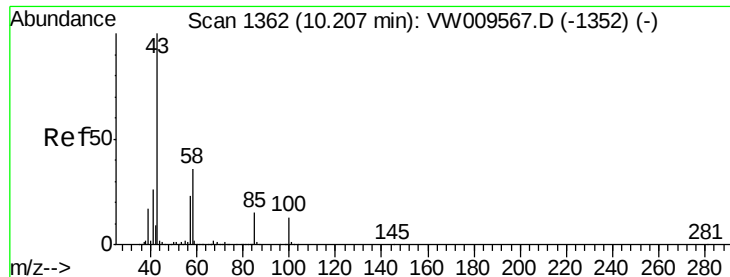
#50
 Toluene-d8
 Concen: 54.942 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	98	Resp	664124
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.6	79.0



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#51

4-Methyl-2-Pentanone

Concen: 253.034 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 678885

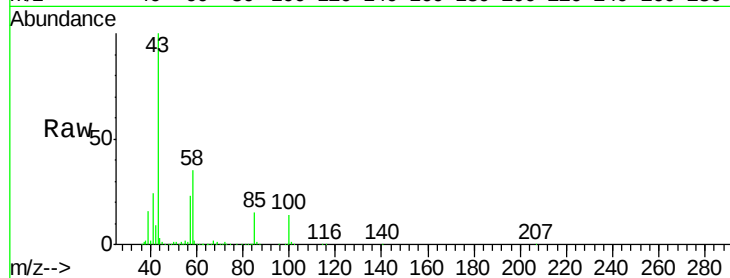
Ion Ratio Lower Upper

43 100

58 35.7 28.6 42.8

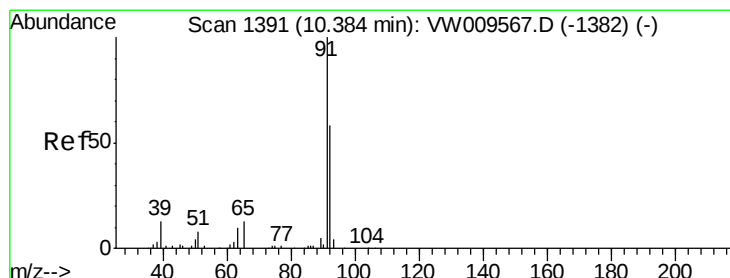
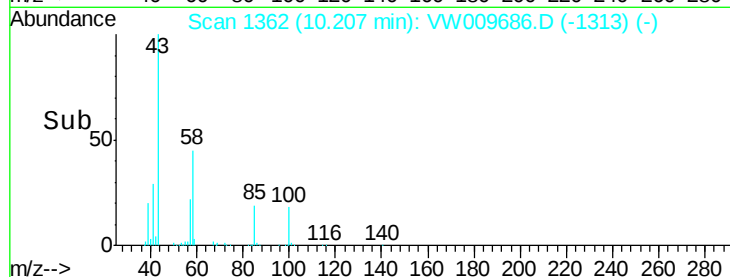
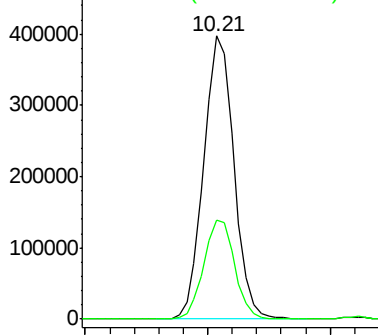
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 53.577 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW009686.D

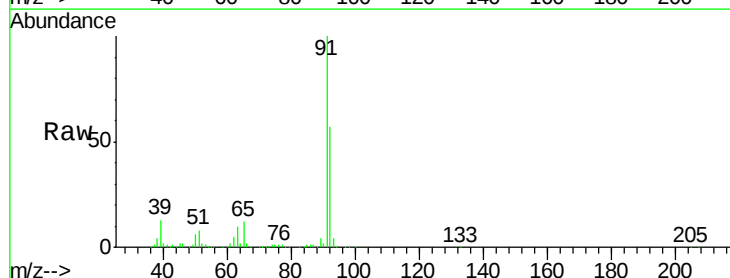
Acq: 04 Apr 2019 10:12

Tgt Ion: 92 Resp: 489460

Ion Ratio Lower Upper

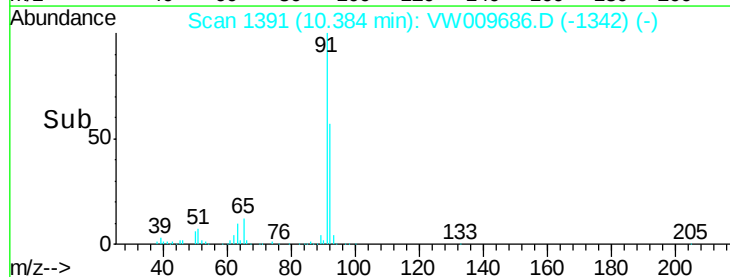
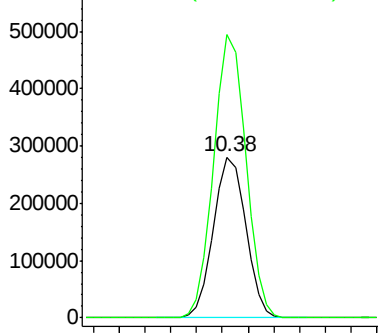
92 100

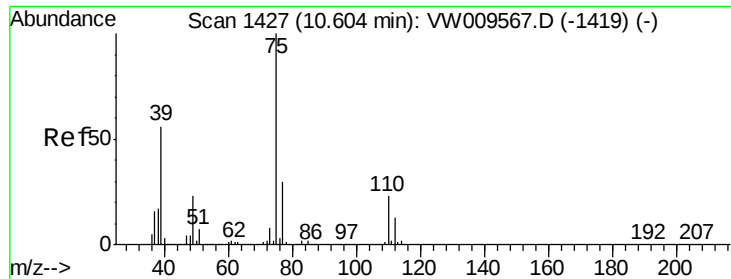
91 175.0 140.1 210.1



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 54.227 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 273969

Ion Ratio Lower Upper

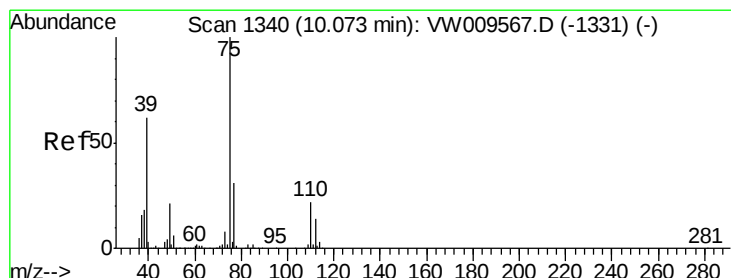
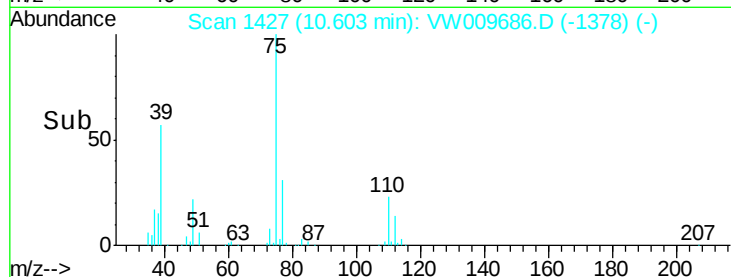
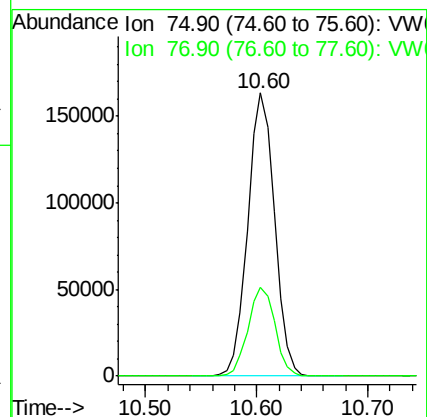
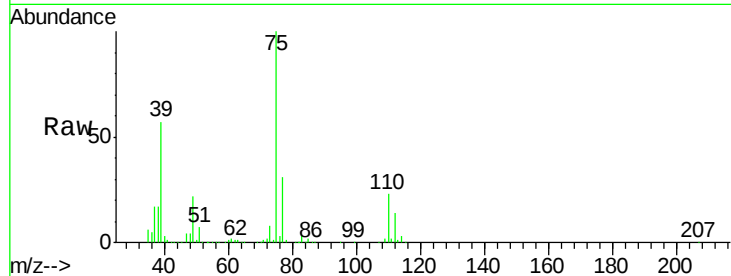
75 100

77 31.5 24.8 37.2

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#54

cis-1,3-Dichloropropene

Concen: 54.536 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

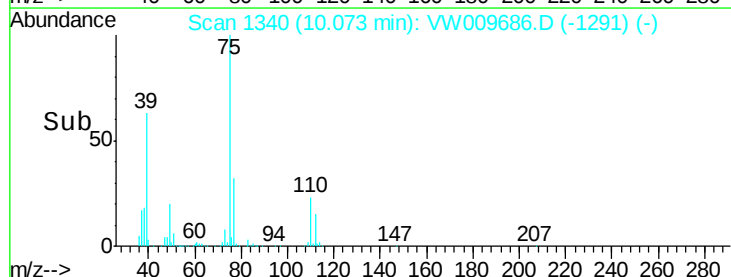
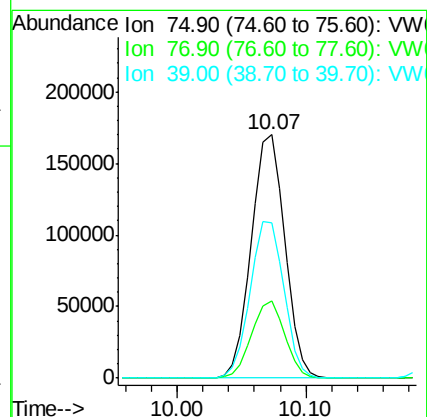
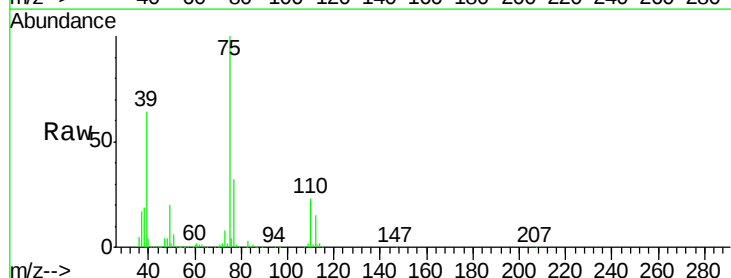
Tgt Ion: 75 Resp: 305497

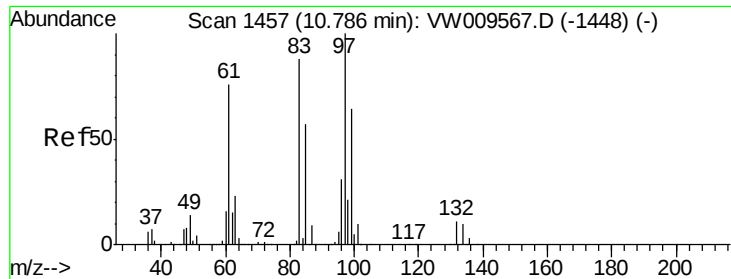
Ion Ratio Lower Upper

75 100

77 31.7 25.9 38.9

39 63.4 46.8 70.2





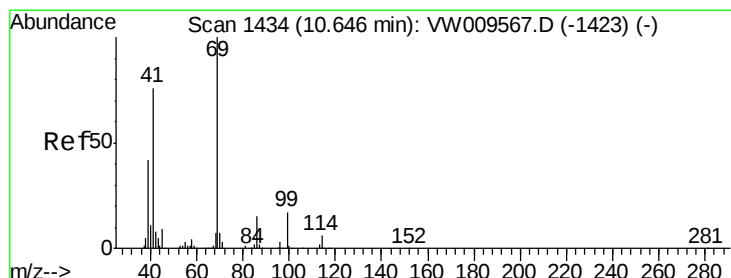
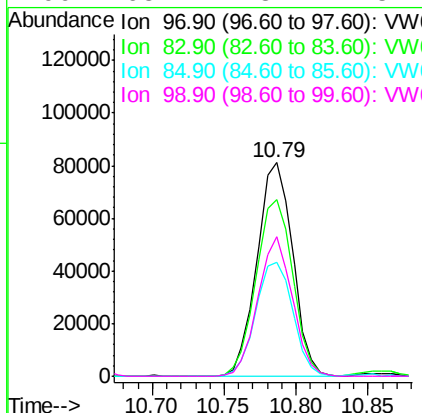
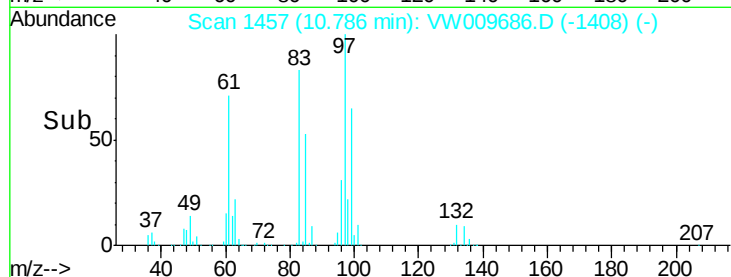
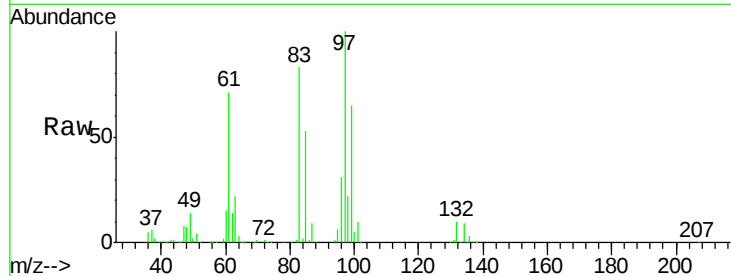
#55
 1,1,2-Trichloroethane
 Concen: 50.990 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	139416
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.3	99.5
85	53.4	41.4	62.2
99	65.1	48.7	73.1

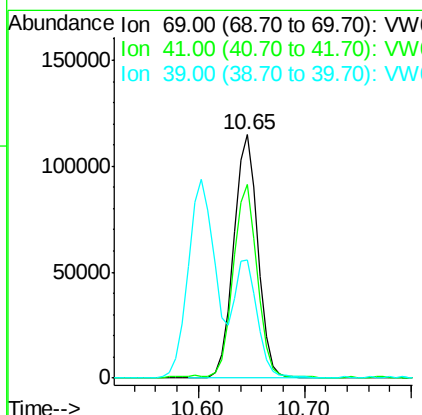
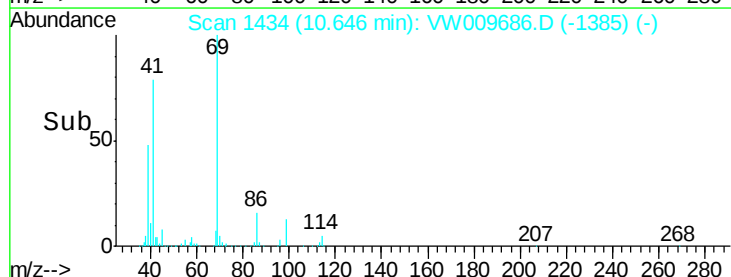
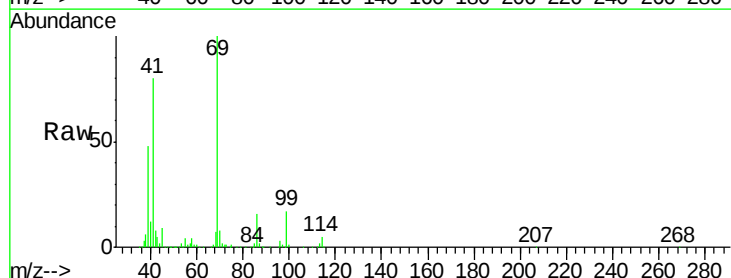
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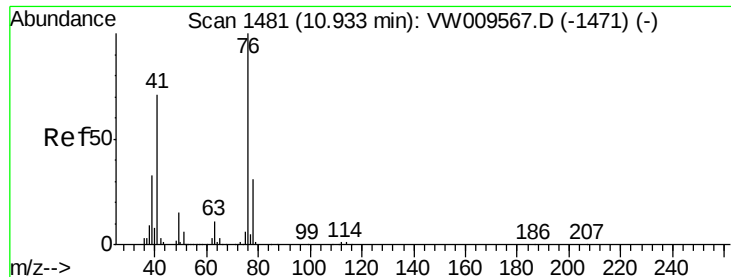
mohammad
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#56
 Ethyl methacrylate
 Concen: 48.242 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion:	69	Resp:	182133
Ion	Ratio	Lower	Upper
69	100		
41	79.5	59.3	88.9
39	44.2	36.2	54.2





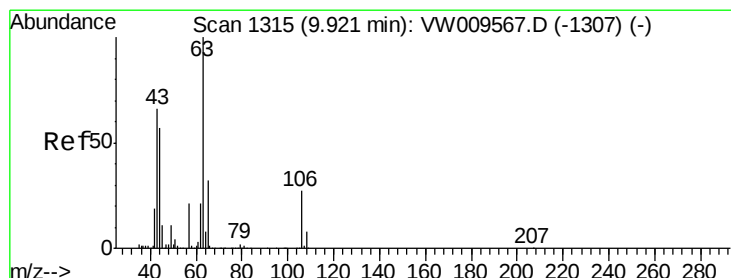
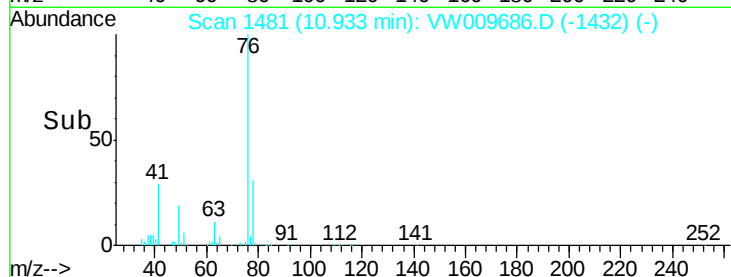
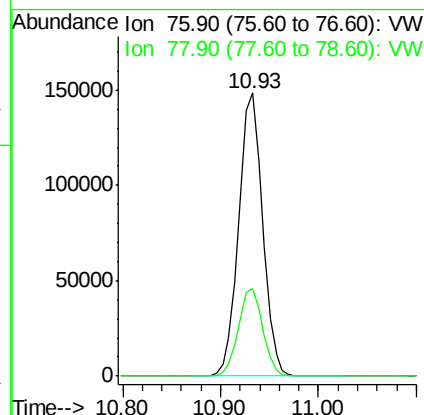
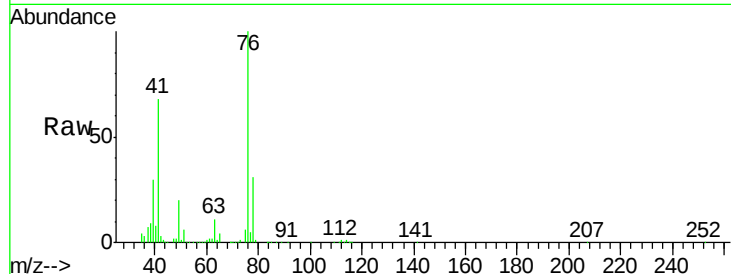
#57
 1,3-Dichloropropane
 Concen: 52.085 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.5	25.8	38.6

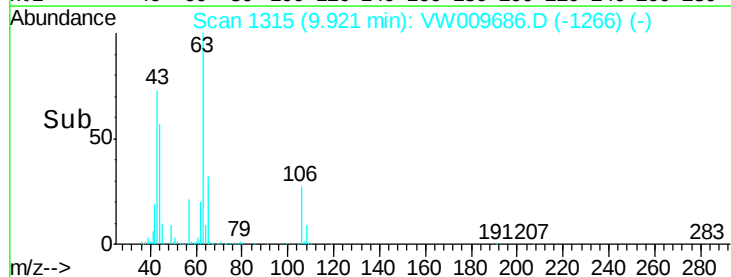
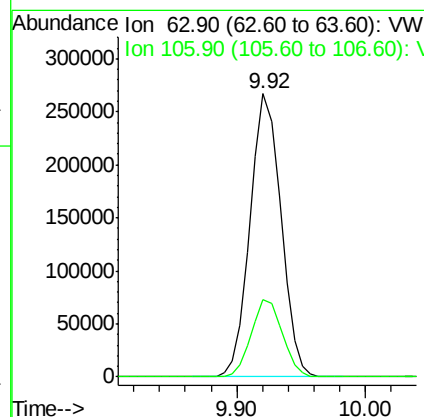
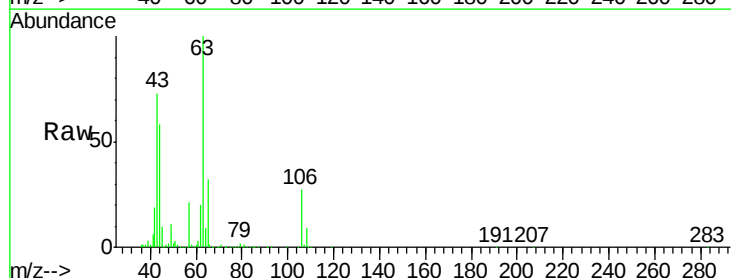
Manual Integrations
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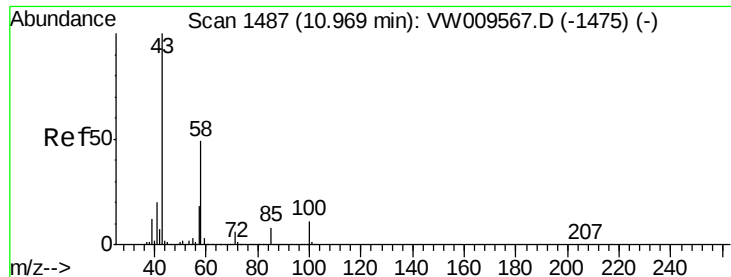
mohammad
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#58
 2-Chloroethyl Vinyl ether
 Concen: 243.414 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.9	34.3





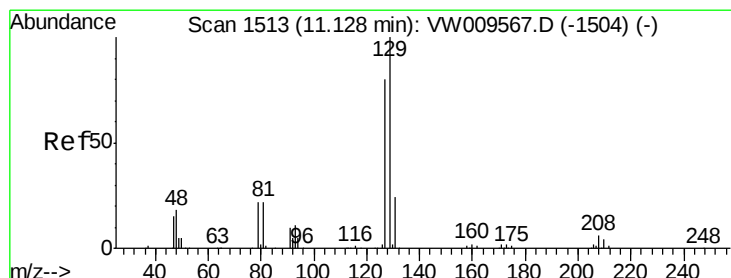
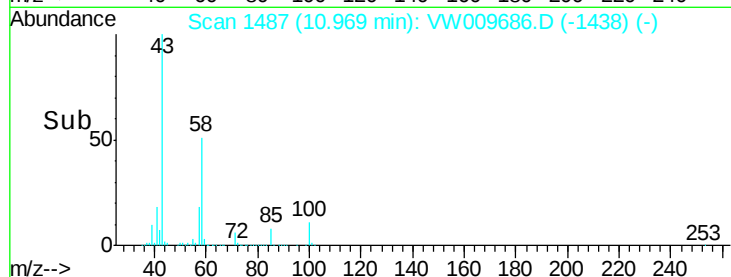
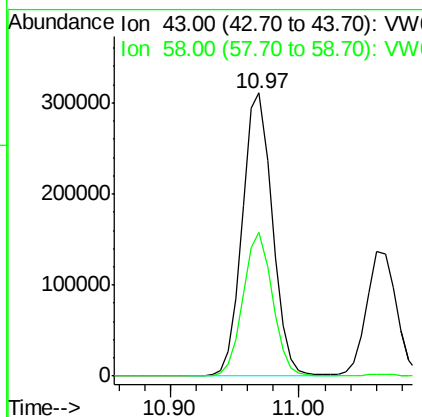
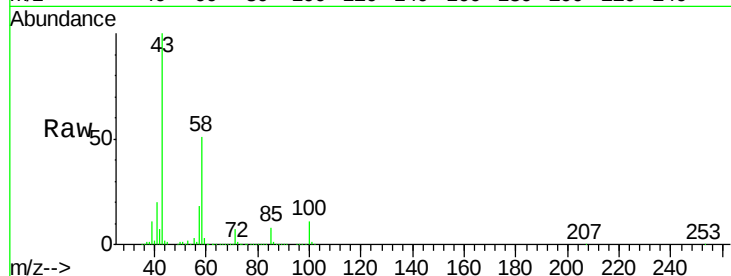
#59
2-Hexanone
Concen: 270.546 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	502353
Ion Ratio	100	Lower	Upper
43	100		
58	49.3	24.2	72.6

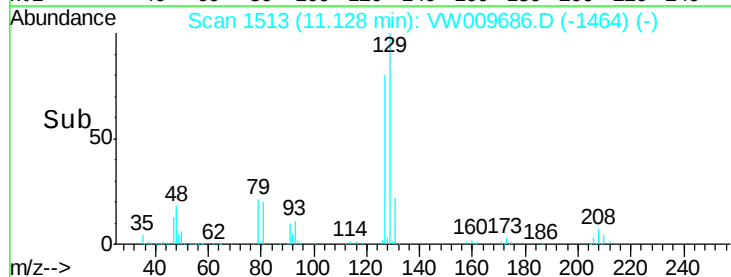
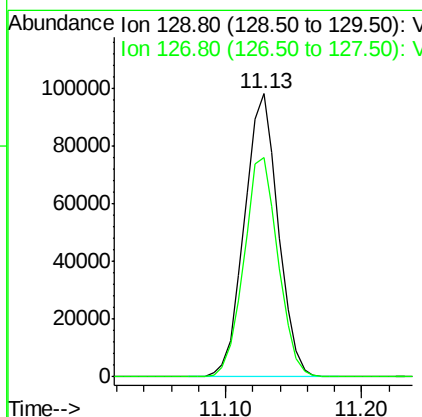
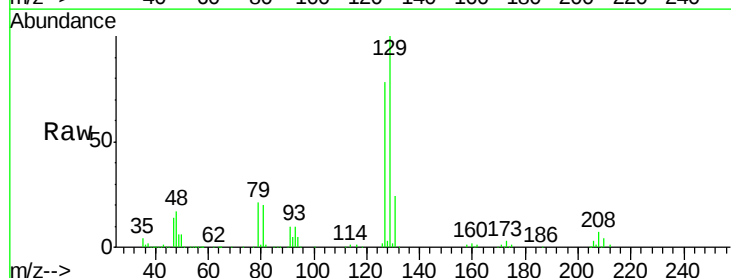
Manual Integrations
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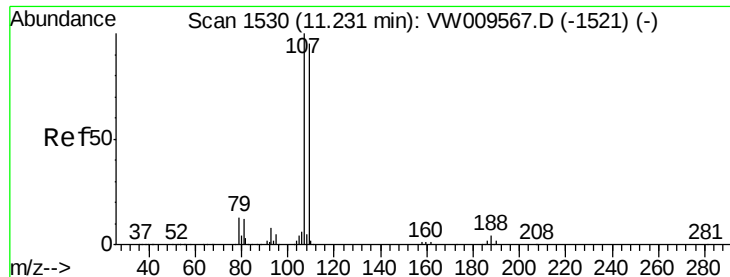
mohammad
4/5/2019 3:50:58 PM



#60
Dibromochloromethane
Concen: 51.572 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	129	Resp	170261
Ion Ratio	100	Lower	Upper
129	100		
127	78.3	38.1	114.5





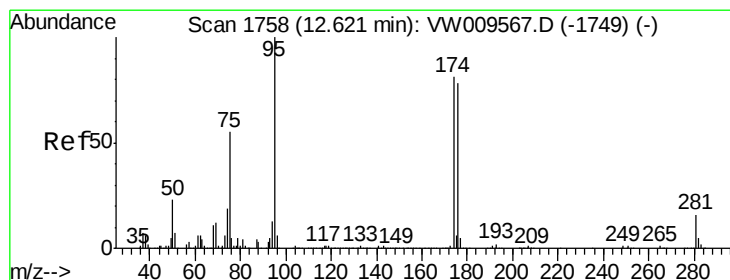
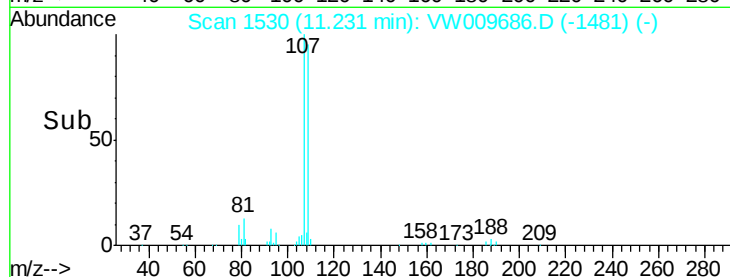
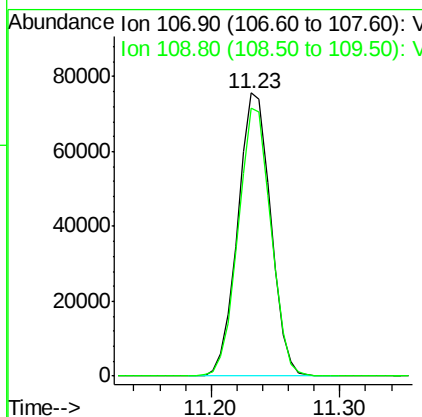
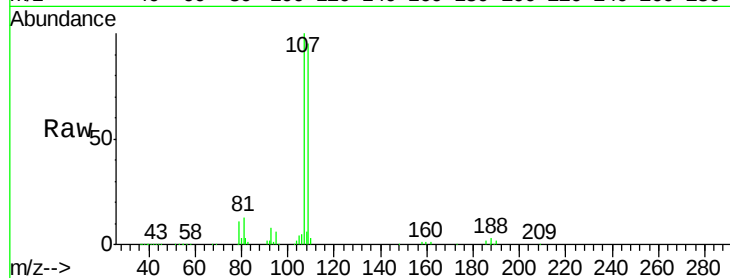
#61
 1,2-Dibromoethane
 Concen: 50.979 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.1	112.7

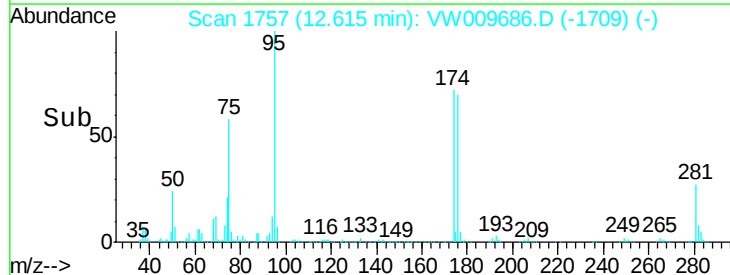
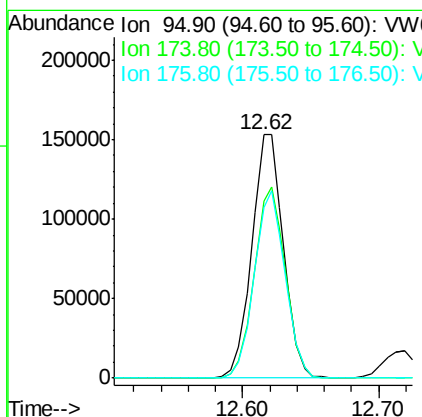
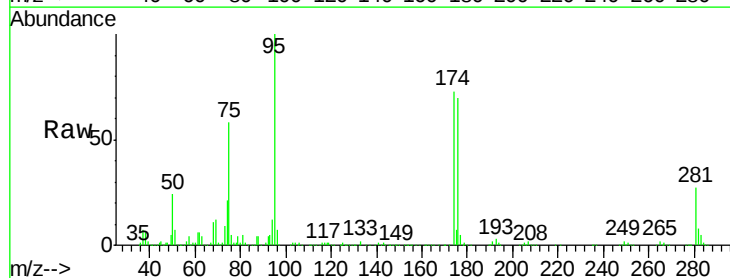
Manual Integrations
 APPROVED

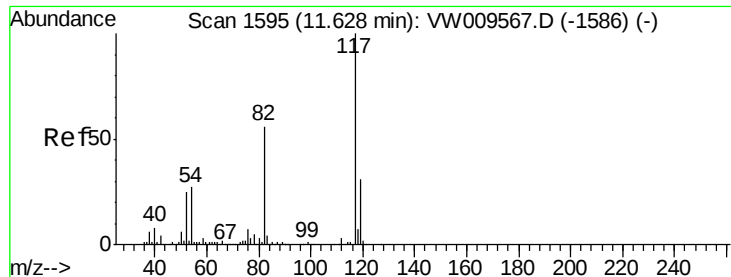
mohammad
 4/5/2019 3:50:58 PM



#62
 4-Bromofluorobenzene
 Concen: 55.355 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
95	100		
174	77.3	0.0	168.4
176	75.0	0.0	161.6





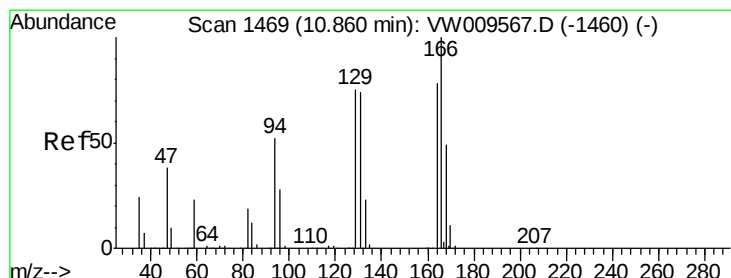
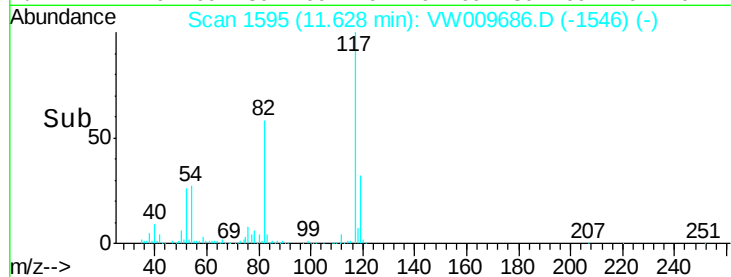
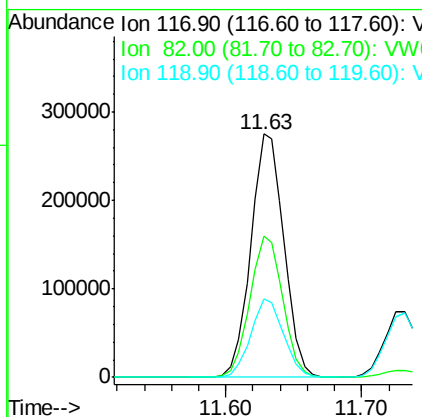
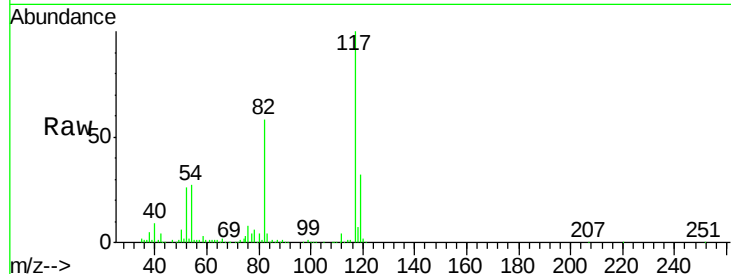
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.7	43.6	65.4
119	32.0	26.0	39.0

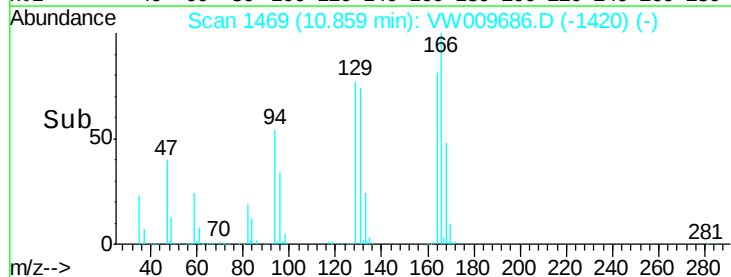
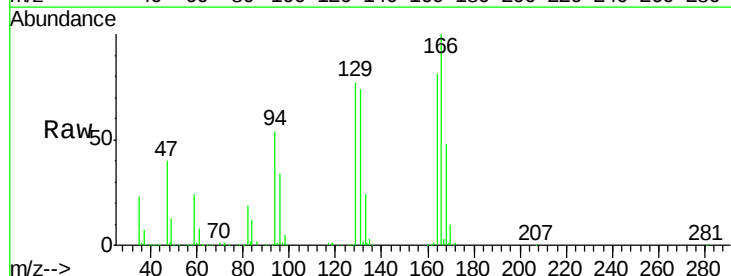
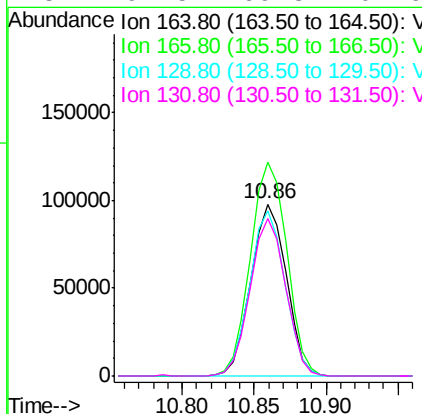
Manual Integrations
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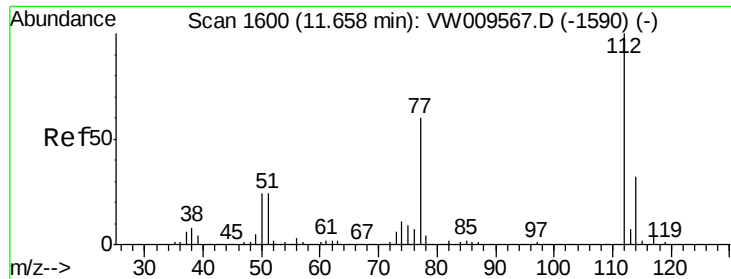
mohammad
4/5/2019 3:50:58 PM



#64
Tetrachloroethene
Concen: 52.301 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.1	100.9	151.3
129	95.6	72.0	108.0
131	91.5	69.8	104.6





#65

Chlorobenzene

Concen: 53.526 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 529089

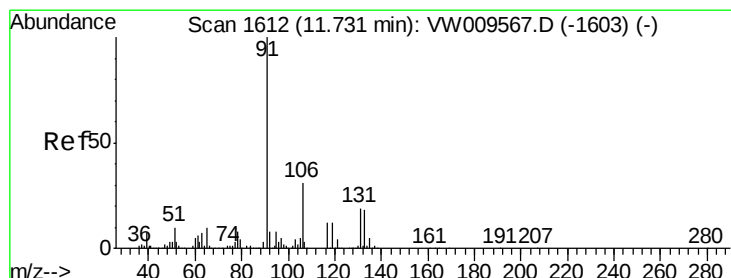
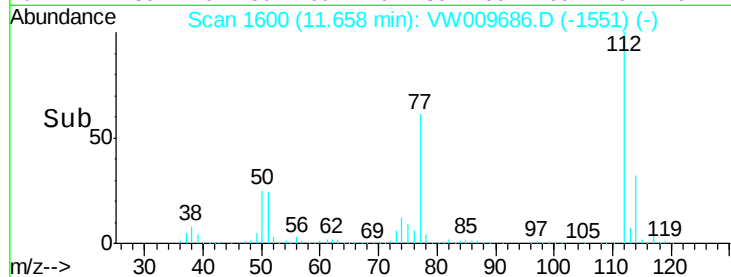
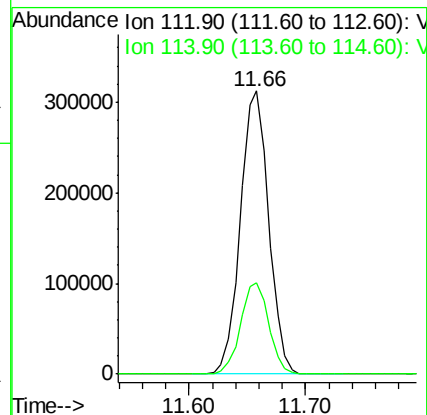
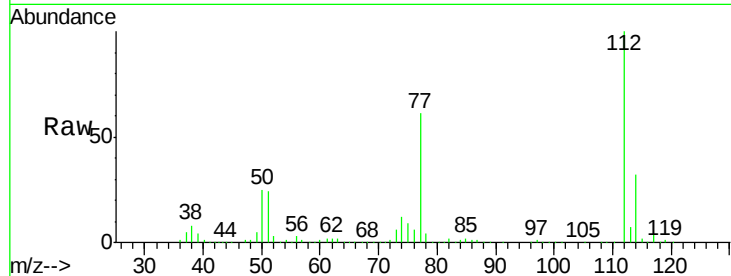
Ion Ratio Lower Upper

112 100

114 32.4 25.6 38.4

Manual Integrations
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4/5/2019 3:50:58 PM



#66

1,1,1,2-Tetrachloroethane

Concen: 53.579 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

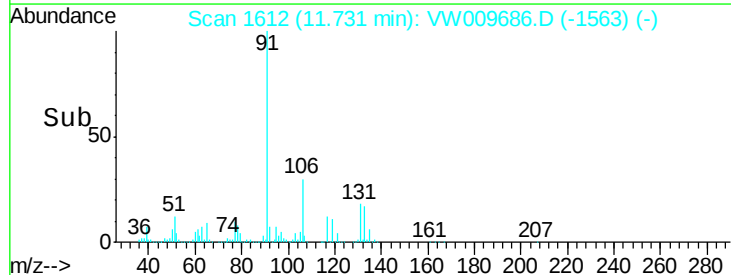
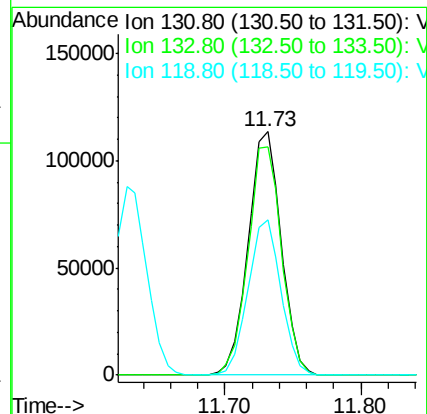
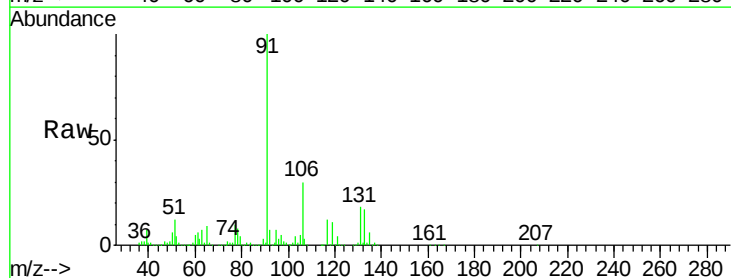
Tgt Ion:131 Resp: 192968

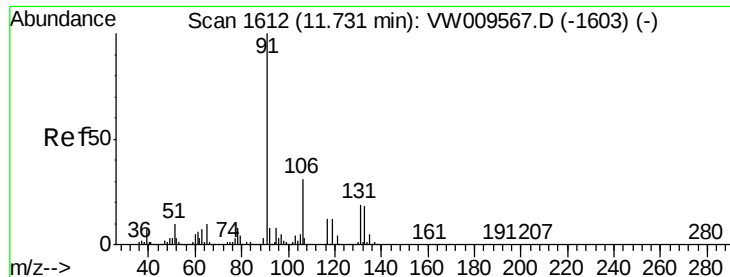
Ion Ratio Lower Upper

131 100

133 95.6 47.3 141.8

119 63.8 31.6 95.0





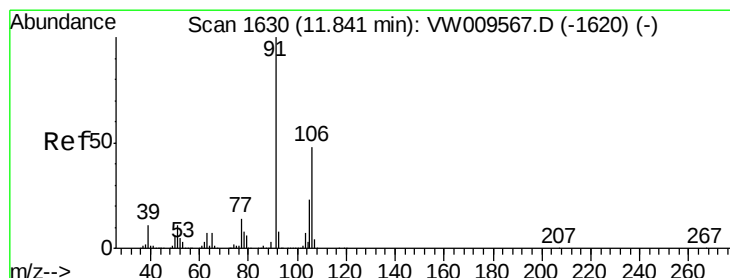
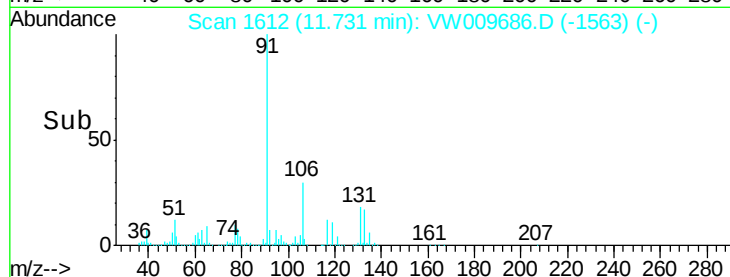
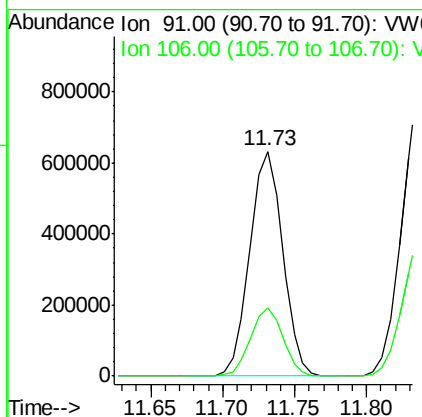
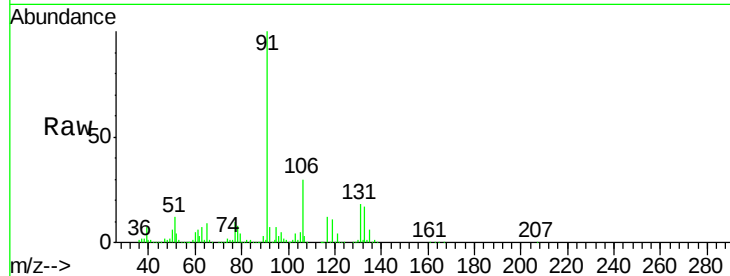
#67
Ethyl Benzene
Concen: 57.400 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		999623		
106	30.2	24.6	36.8		

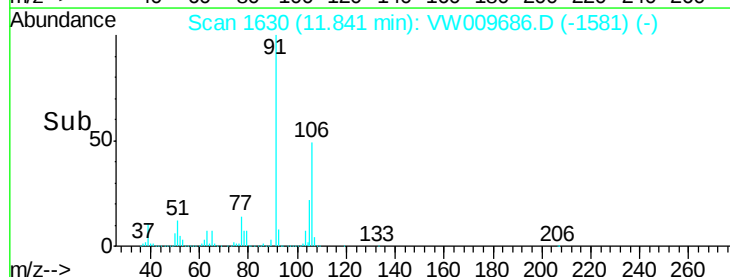
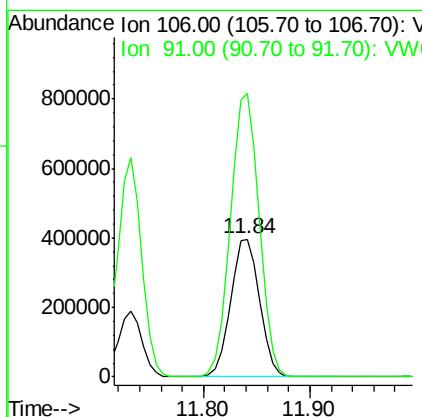
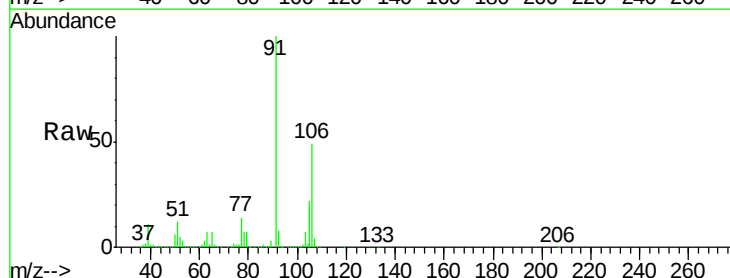
Manual Integrations
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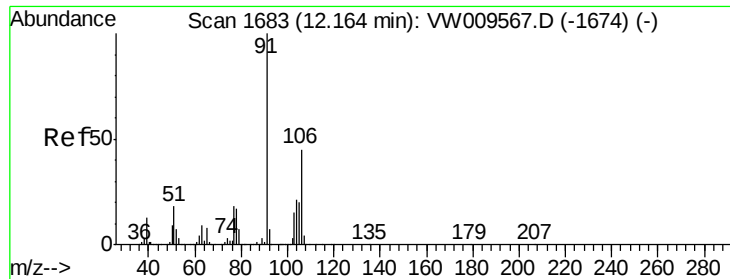
mohammad
4/5/2019 3:50:58 PM



#68
m/p-Xylenes
Concen: 113.628 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		751376		
91	205.3	163.1	244.7		





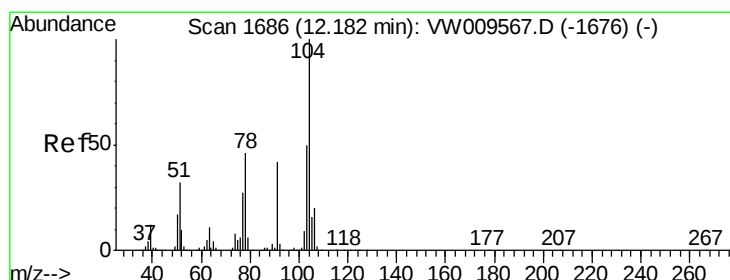
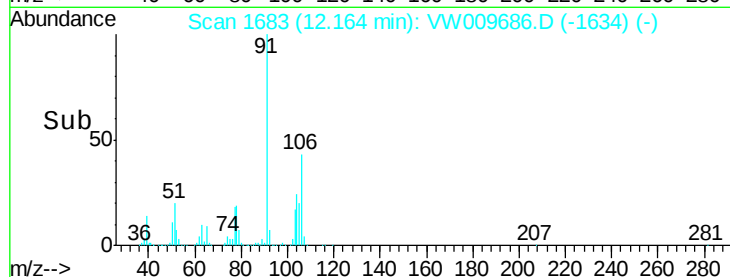
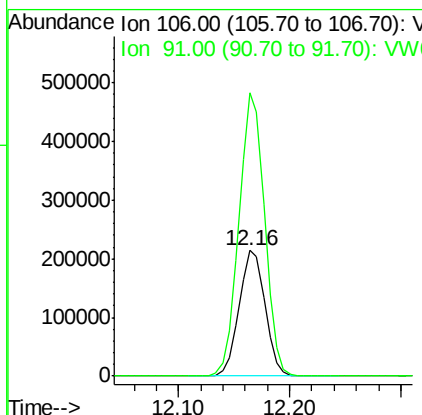
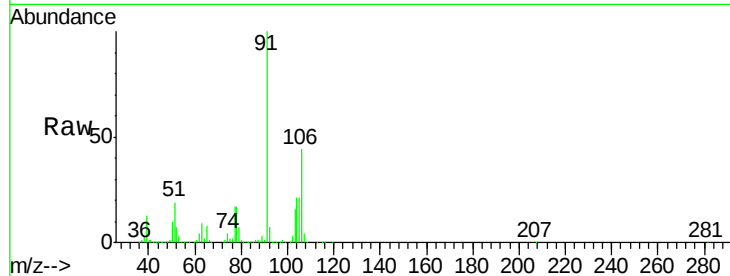
#69
o-Xylene
Concen: 56.219 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	222.1	108.6	325.8

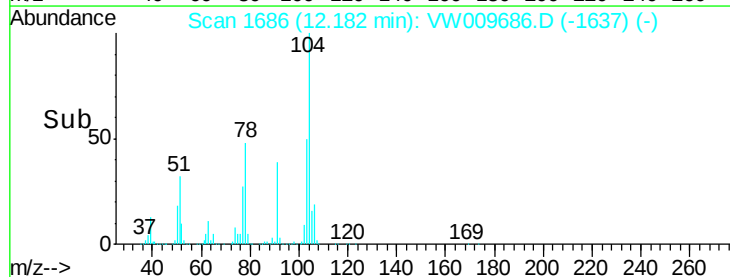
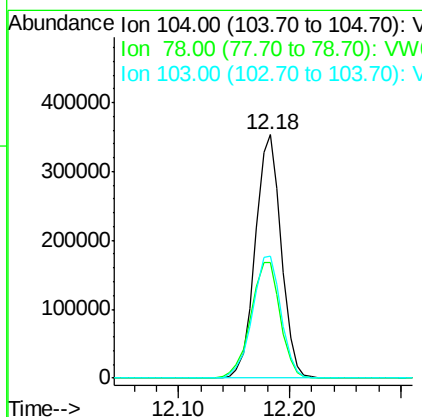
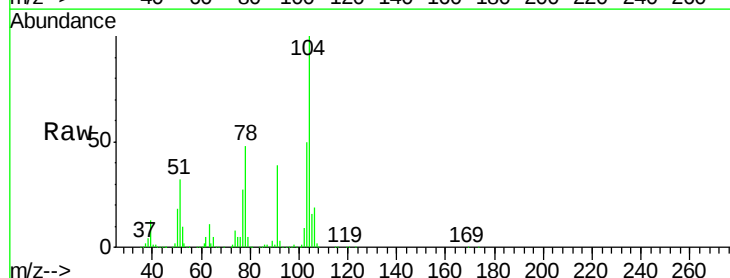
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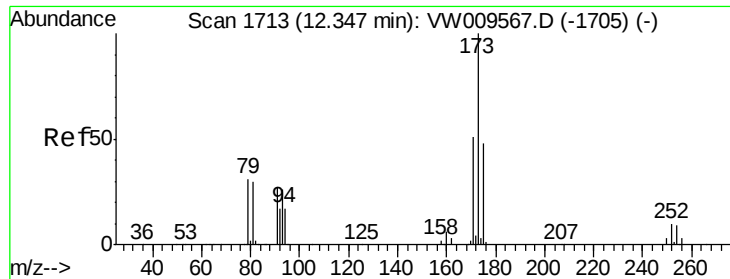
mohammad
4/5/2019 3:50:58 PM



#70
Styrene
Concen: 55.686 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	54.1	42.2	63.4
103	103	55.5	44.6	66.8





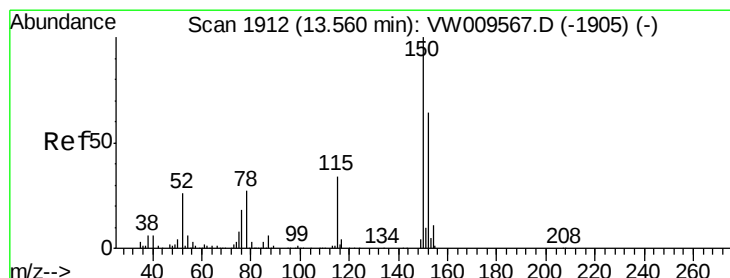
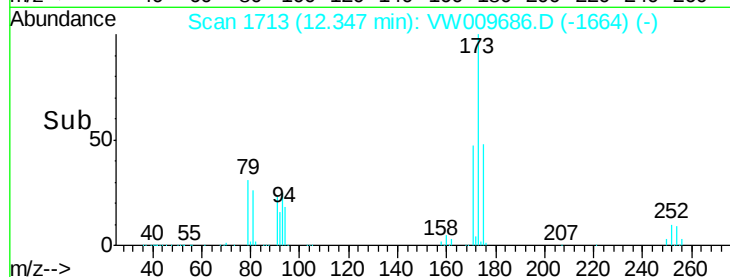
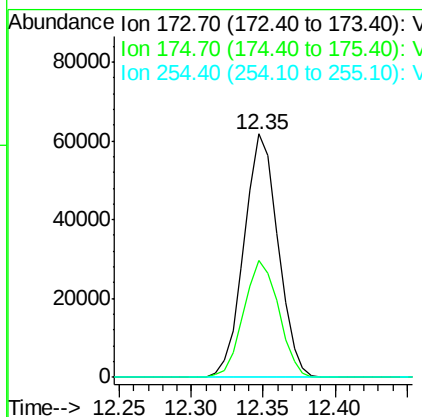
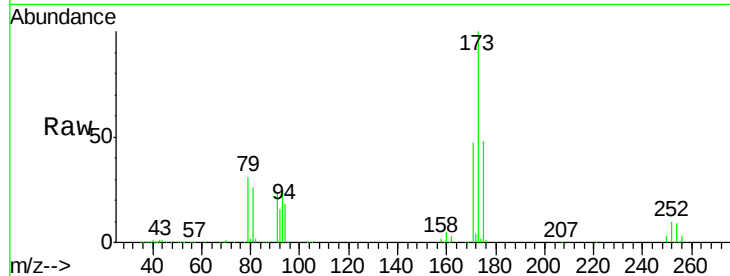
#71
Bromoform
Concen: 52.141 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.1	72.4
254	0.1	0.2	0.4

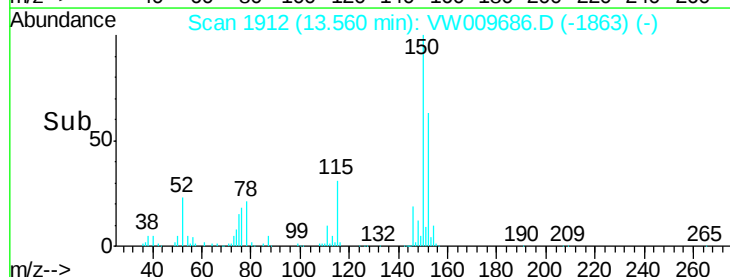
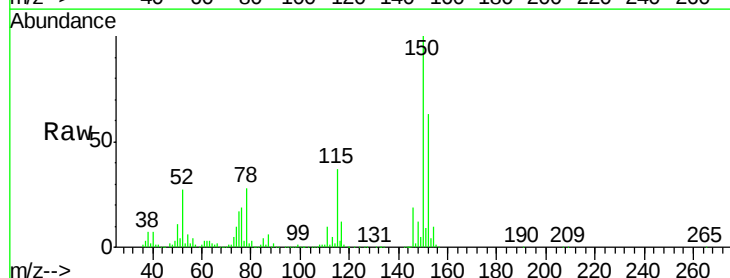
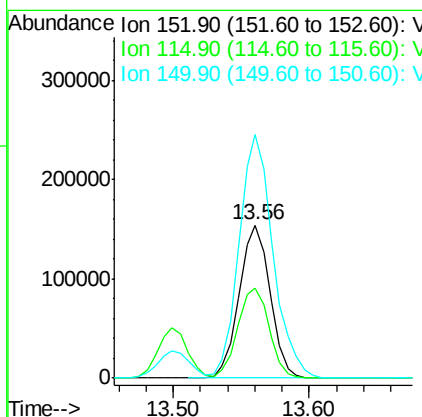
Manual Integrations
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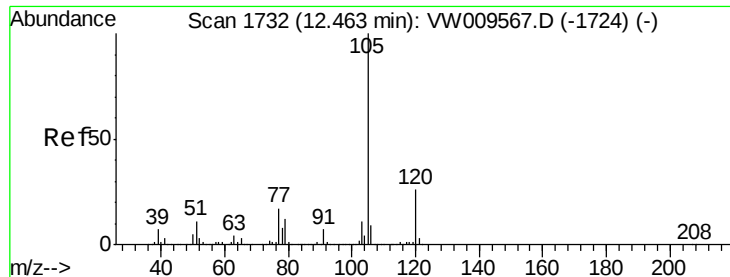
mohammad
4/5/2019 3:50:58 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.8	29.6	88.8
150	174.5	0.0	349.2





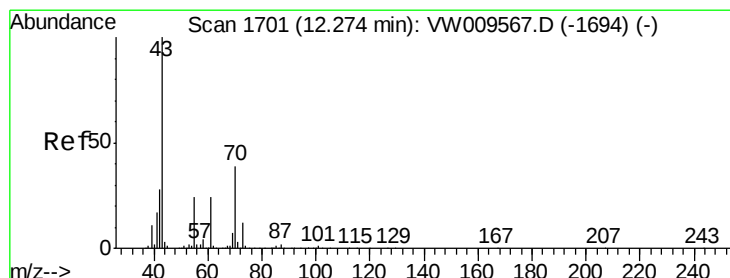
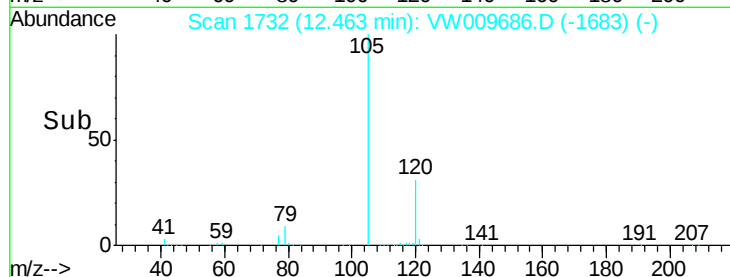
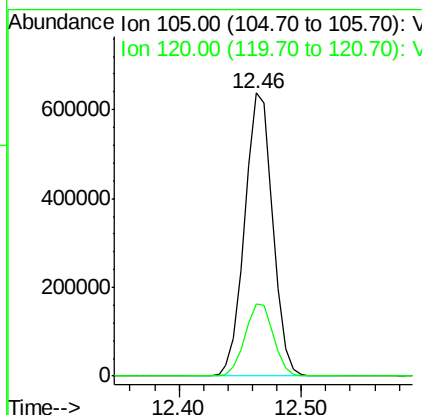
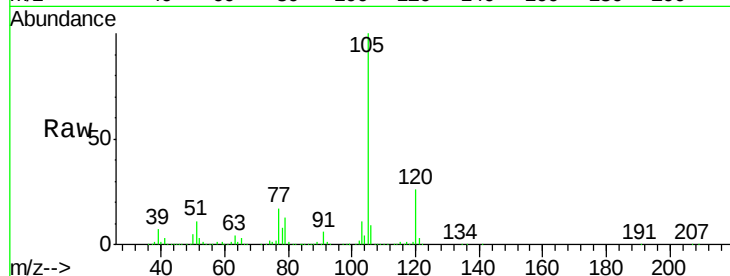
#73
Isopropylbenzene
Concen: 59.671 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion: 105 Resp: 1015994
Ion Ratio Lower Upper
105 100
120 25.9 13.0 39.0

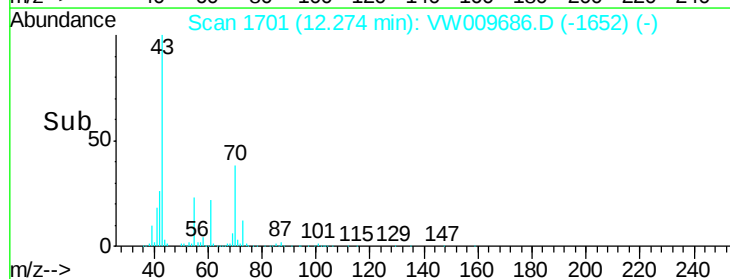
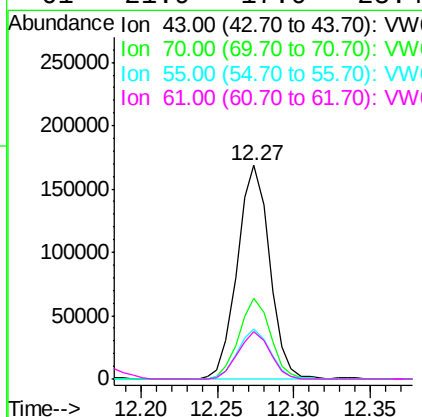
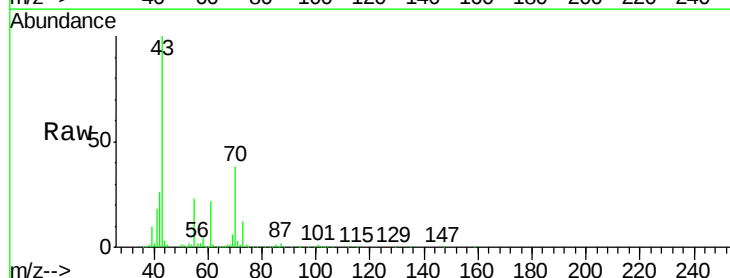
Manual Integrations
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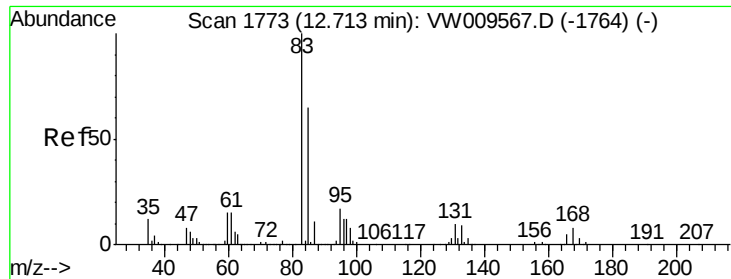
mohammad
4/5/2019 3:50:58 PM



#74
N-ethyl acetate
Concen: 54.984 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion: 43 Resp: 246802
Ion Ratio Lower Upper
43 100
70 37.4 30.6 46.0
55 23.8 19.3 28.9
61 21.9 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.469 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

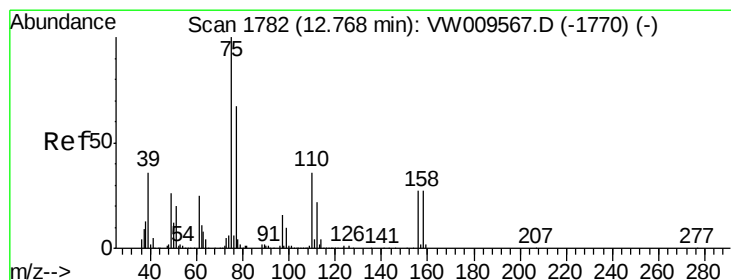
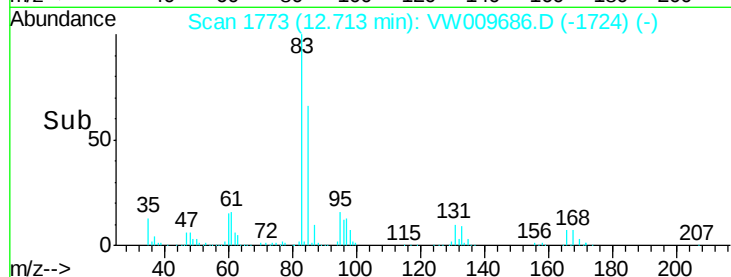
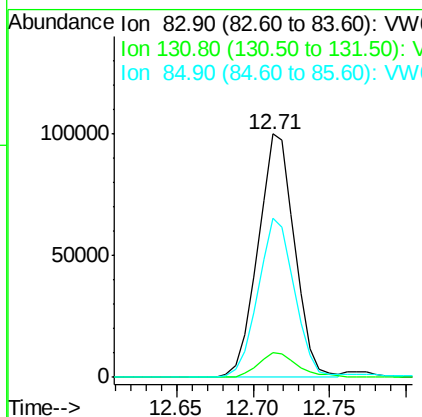
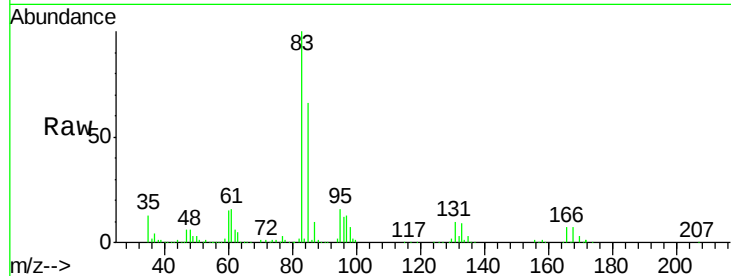
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	165728
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	65.1	32.6	97.8

Manual Integrations
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mohammad
4/5/2019 3:50:58 PM



#76

1,2,3-Trichloropropane

Concen: 52.984 ug/l m

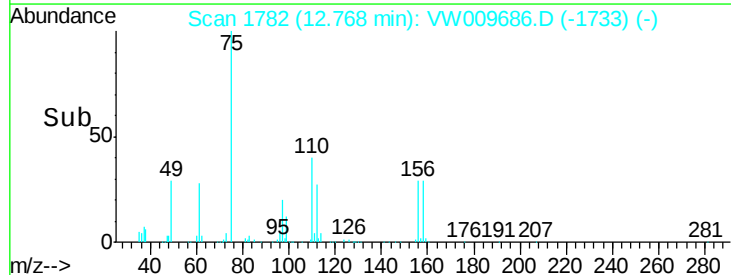
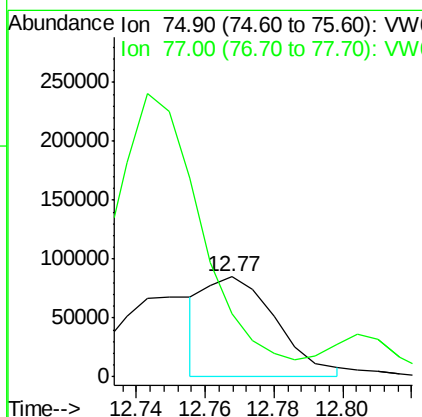
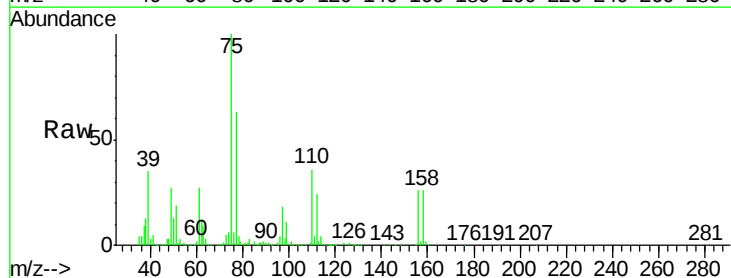
RT: 12.77 min Scan# 1782

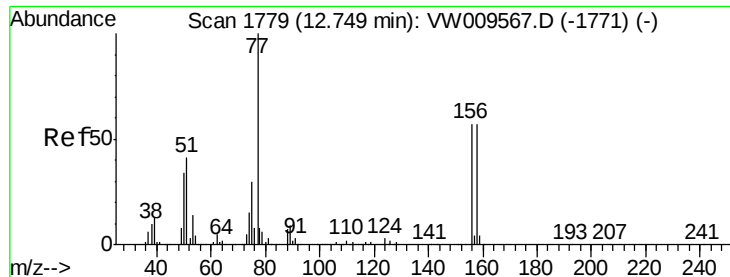
Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Tgt Ion:	75	Resp:	121904
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.683 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

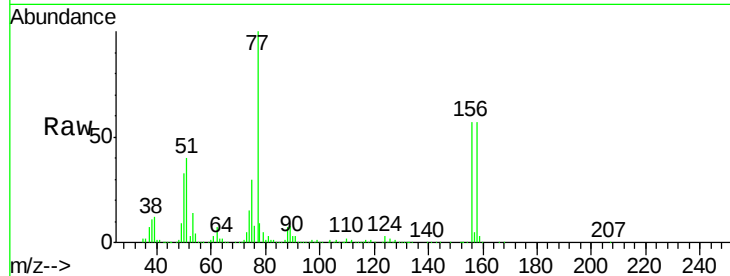
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
156	100				
77	203.2	96.0	288.0		
158	99.0	49.1	147.3		

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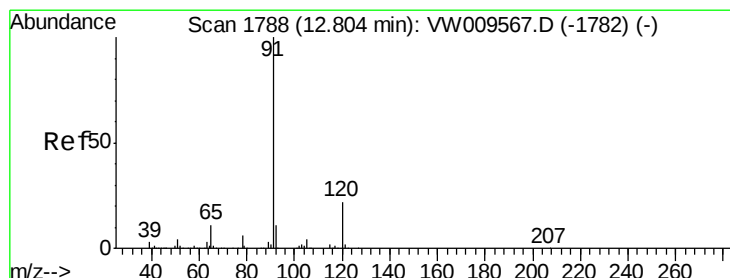
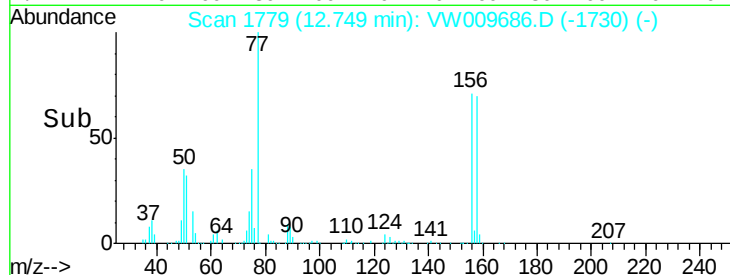
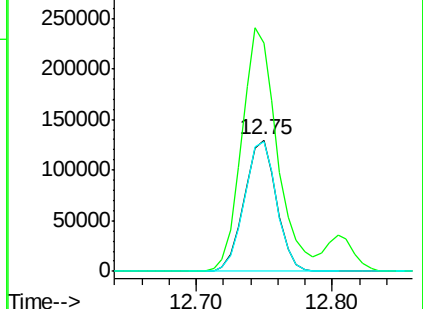
mohammad
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 59.058 ug/l

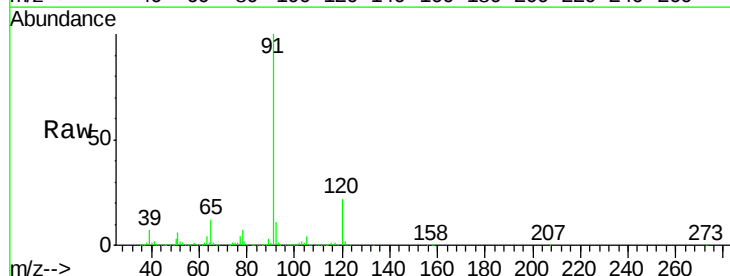
RT: 12.80 min Scan# 1788

Delta R.T. -0.00 min

Lab File: VW009686.D

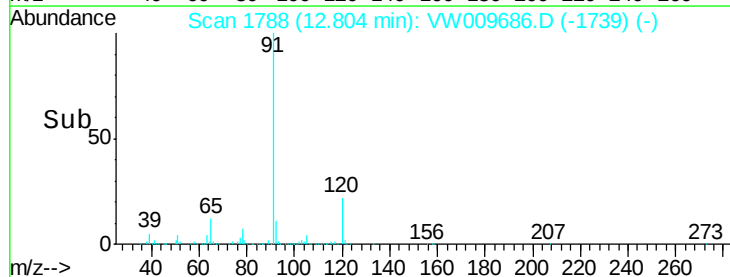
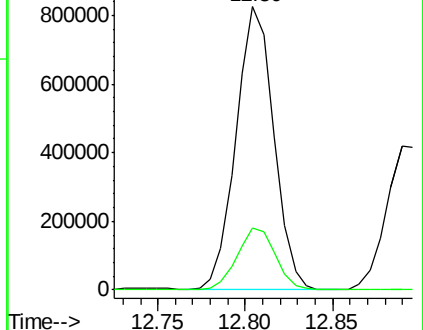
Acq: 04 Apr 2019 10:12

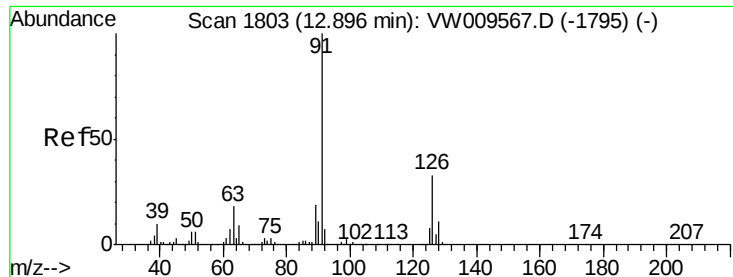
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
120	22.2	11.1	33.3		



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





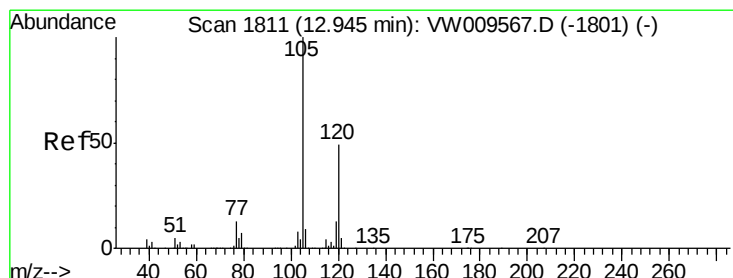
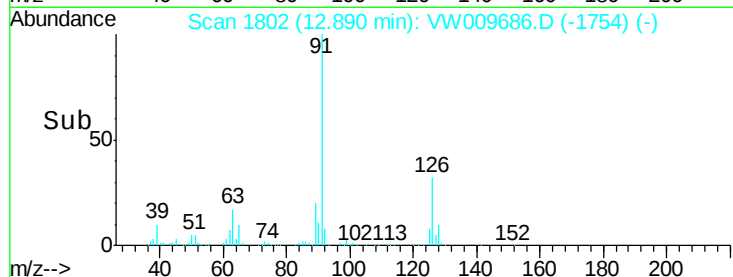
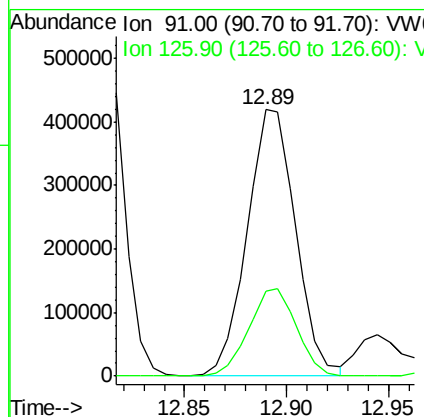
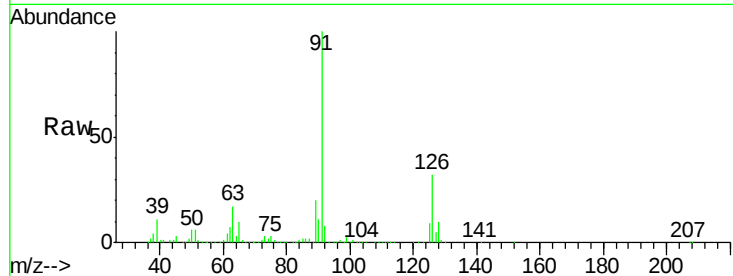
#79
 2-Chlorotoluene
 Concen: 58.008 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 692141
 Ion Ratio Lower Upper
 91 100
 126 32.5 17.0 51.0

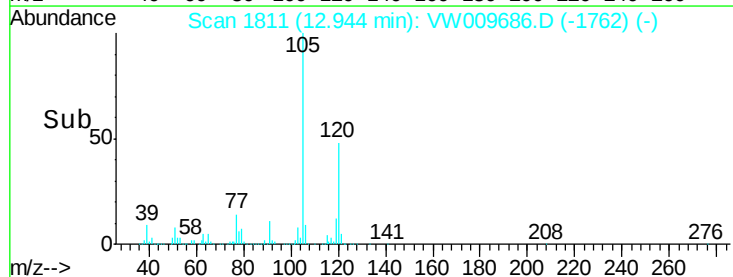
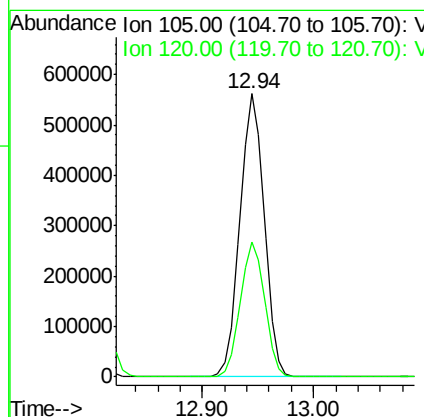
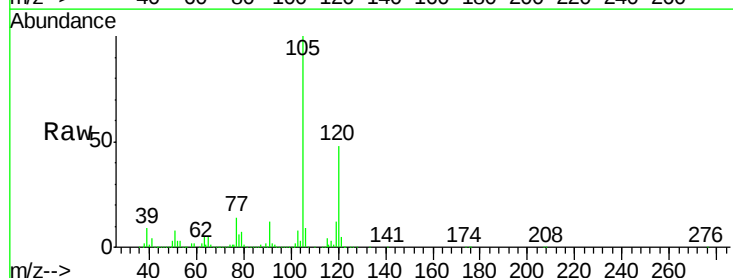
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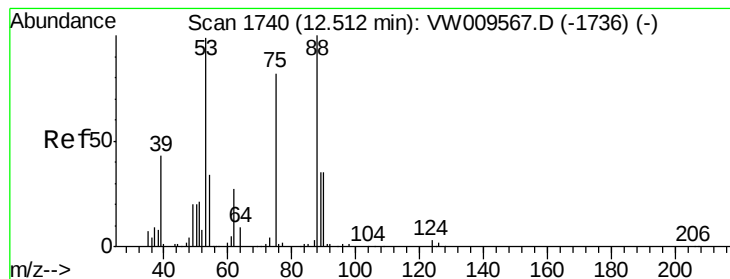
mohammad
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#80
 1,3,5-Trimethylbenzene
 Concen: 59.288 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion:105 Resp: 850131
 Ion Ratio Lower Upper
 105 100
 120 47.8 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 54.784 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

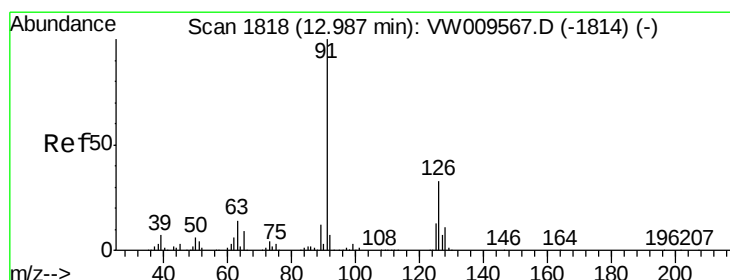
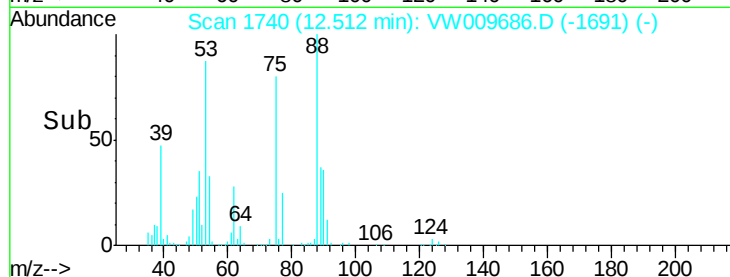
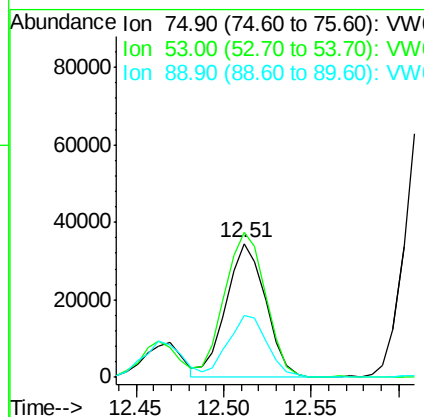
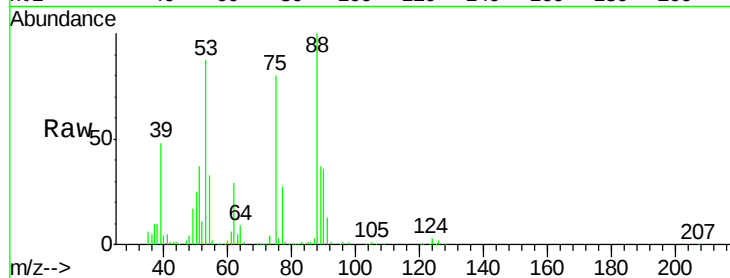
ClientSampled :

VSTDCCC050

Tot Ion:	75	Resp:	54202
Ion	Ratio	Lower	Upper
75	100		
53	112.3	86.7	130.1
89	46.1	36.4	54.6

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#82

4-Chlorotoluene

Concen: 57.745 ug/l

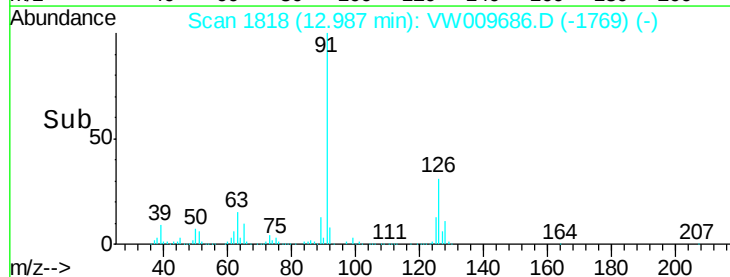
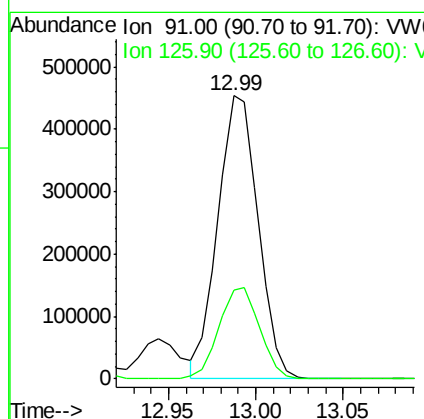
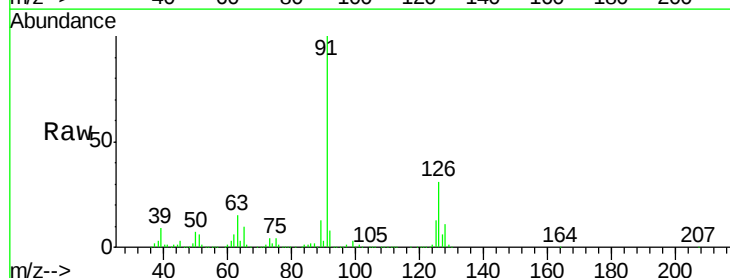
RT: 12.99 min Scan# 1818

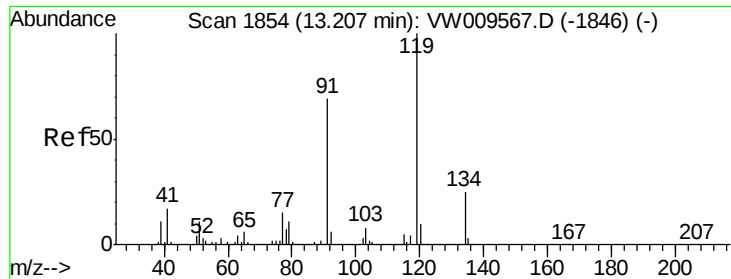
Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Tgt Ion:	91	Resp:	725118
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.9	50.6





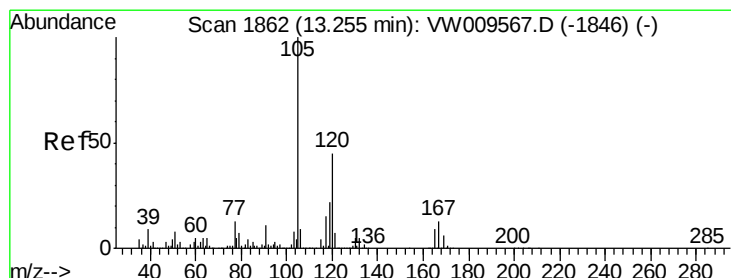
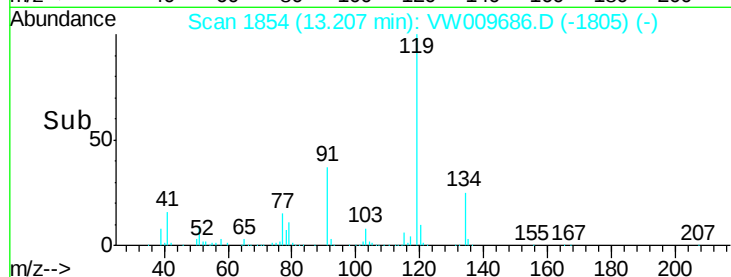
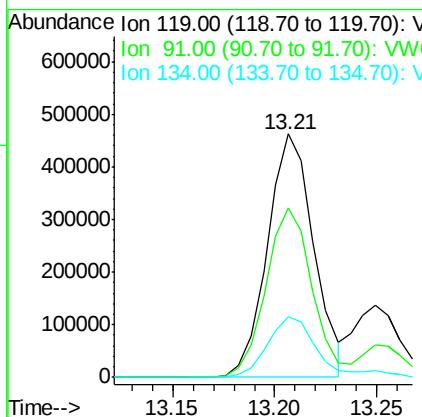
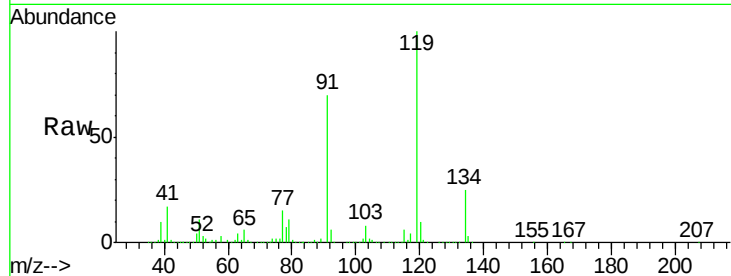
#83
 tert-Butylbenzene
 Concen: 59.824 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	70.1	34.4	103.2
134	27.2	12.7	38.1

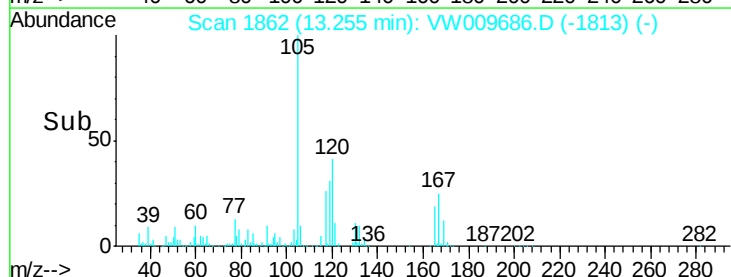
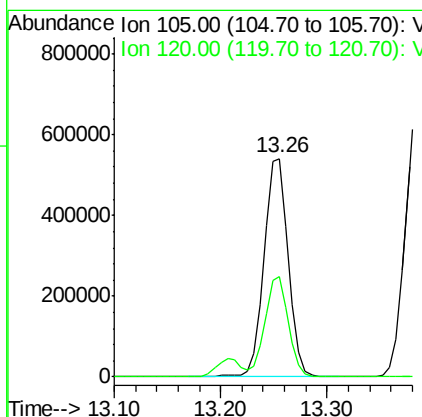
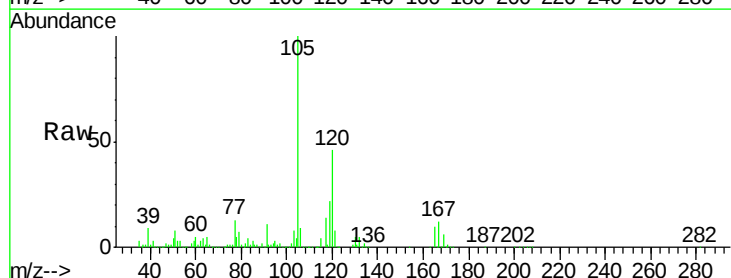
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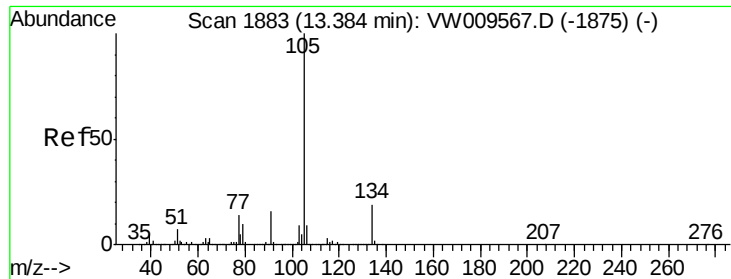
mohammad
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#84
 1,2,4-Trimethylbenzene
 Concen: 58.408 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.8	68.3





#85

sec-Butylbenzene

Concen: 58.816 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1083110

Ion Ratio Lower Upper

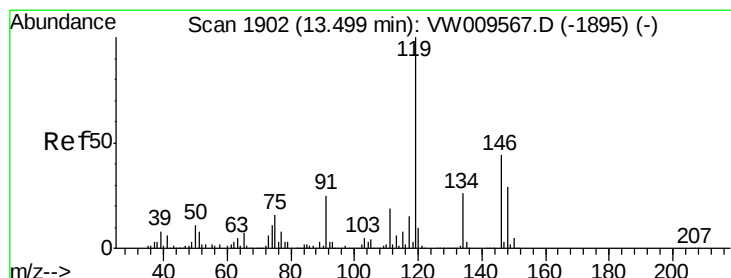
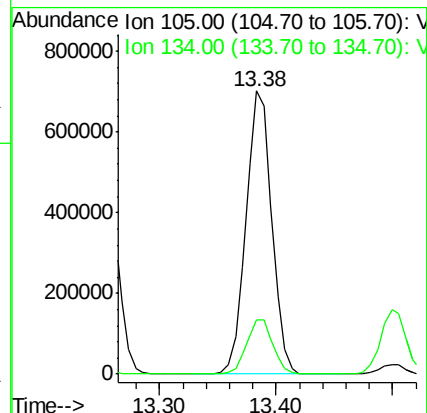
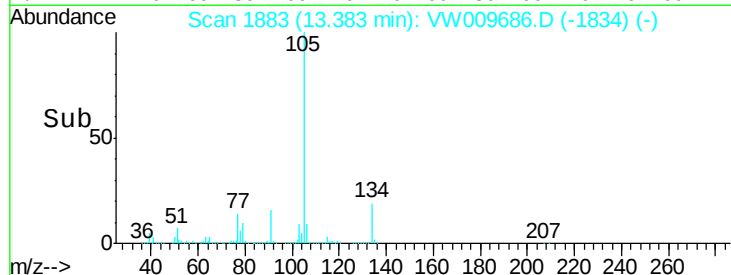
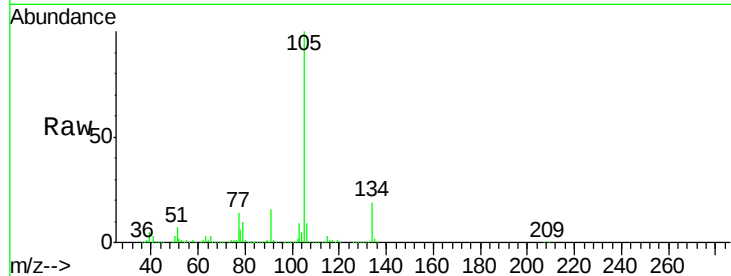
105 100

134 19.7 10.2 30.6

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#86

p-Isopropyltoluene

Concen: 59.142 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

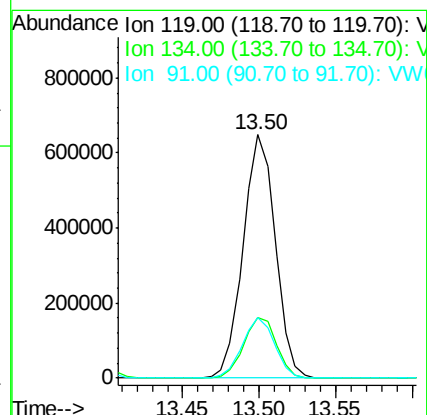
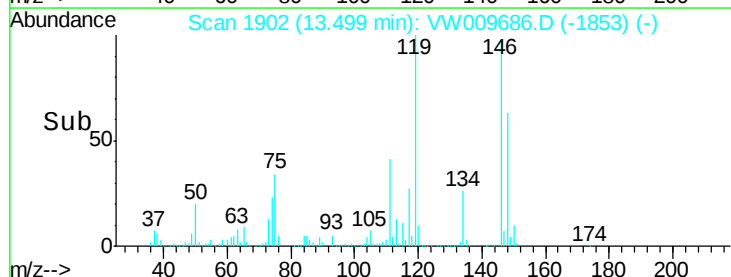
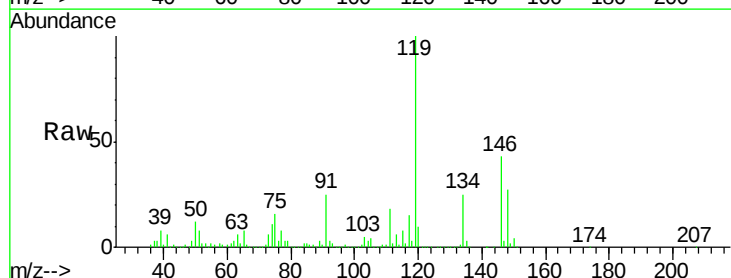
Tgt Ion:119 Resp: 947299

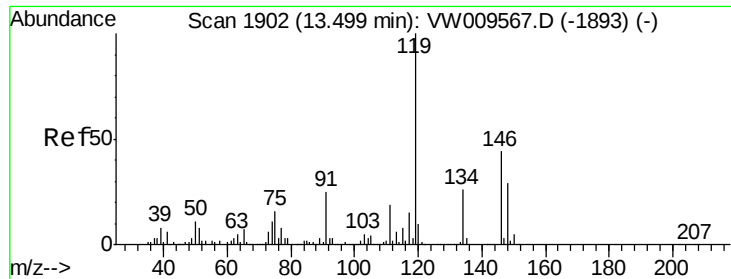
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

91 24.9 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 54.833 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

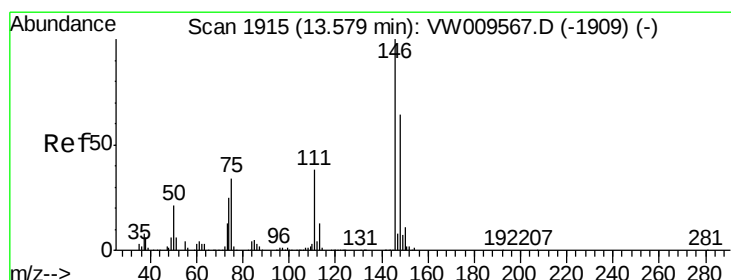
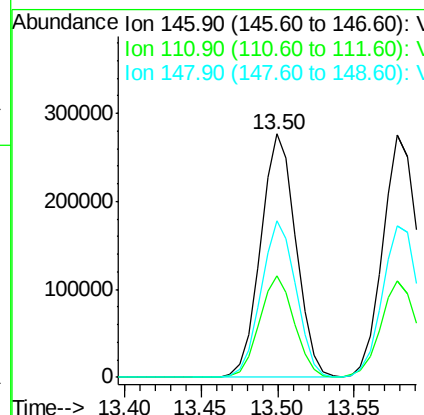
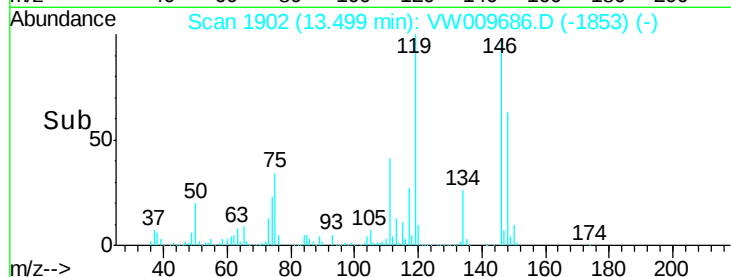
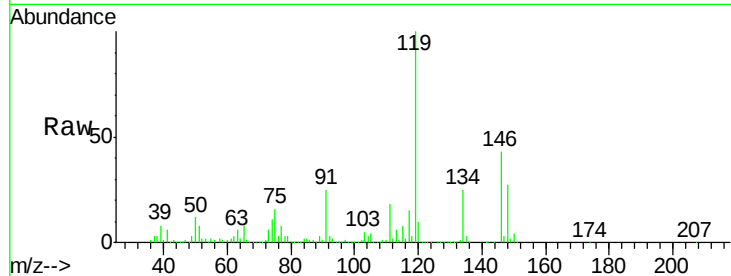
Instrument :
MSVOA_W

ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	443917		
111	41.1	20.1	60.2	
148	63.9	31.4	94.3	

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#88

1,4-Dichlorobenzene

Concen: 53.662 ug/l

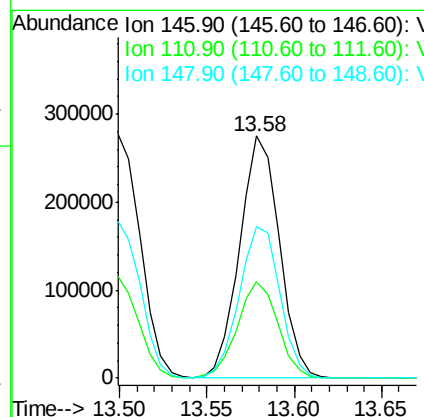
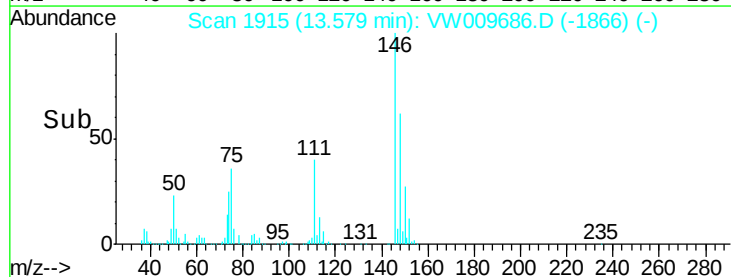
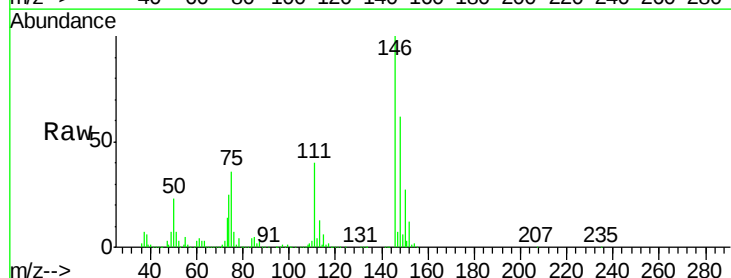
RT: 13.58 min Scan# 1915

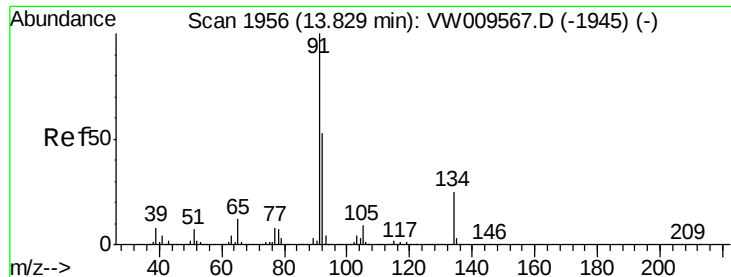
Delta R.T. -0.00 min

Lab File: VW009686.D

Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	433928		
111	40.6	19.9	59.6	
148	64.2	32.2	96.6	





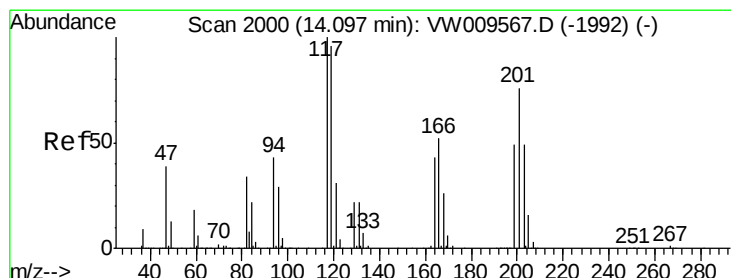
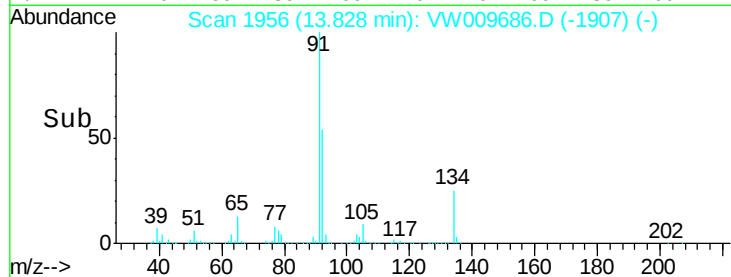
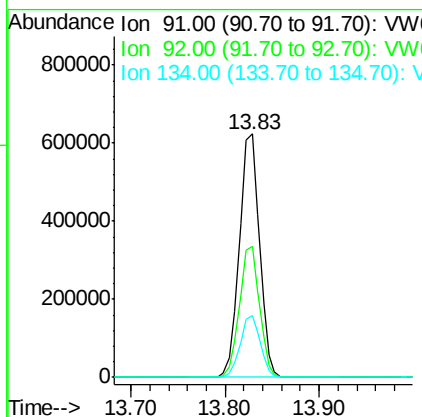
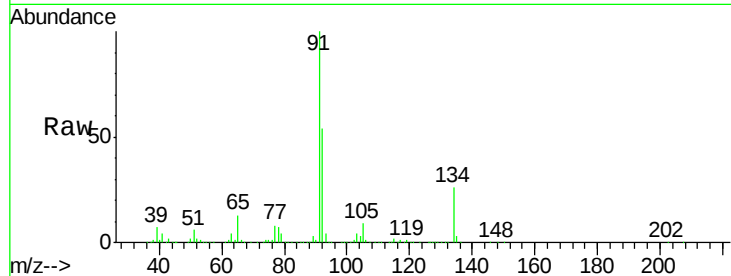
#89
n-Butylbenzene
Concen: 58.860 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.4	79.0
134	25.2	12.9	38.6

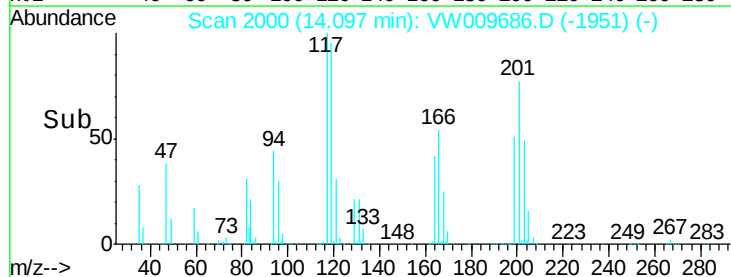
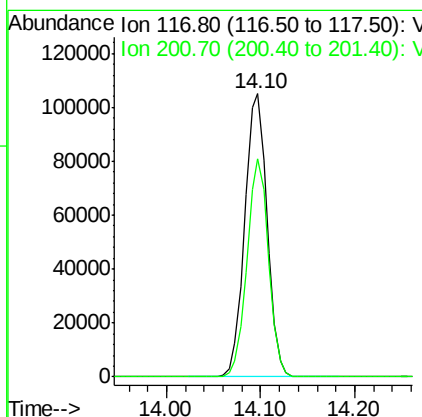
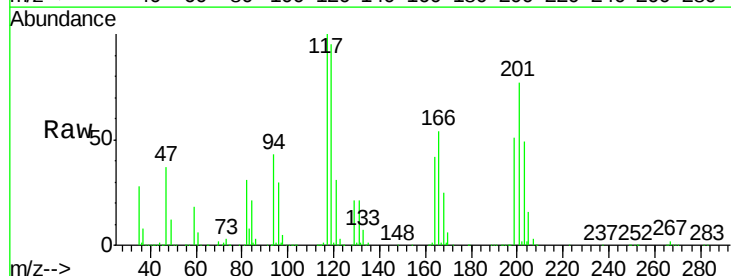
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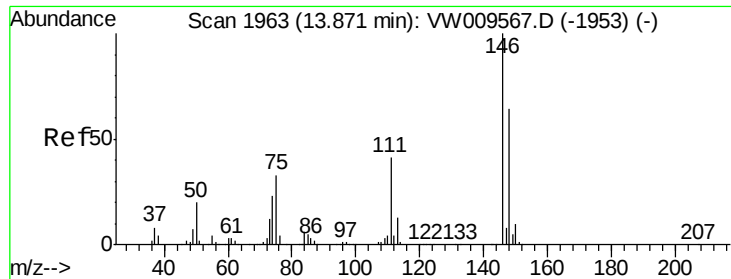
mohammad
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#90
Hexachloroethane
Concen: 56.874 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.1	38.2	114.6





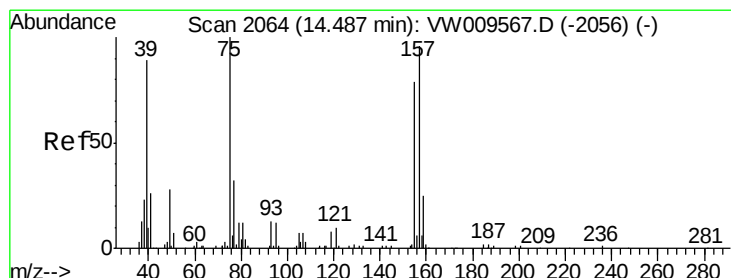
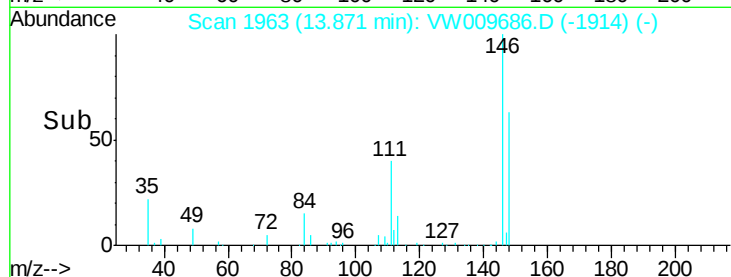
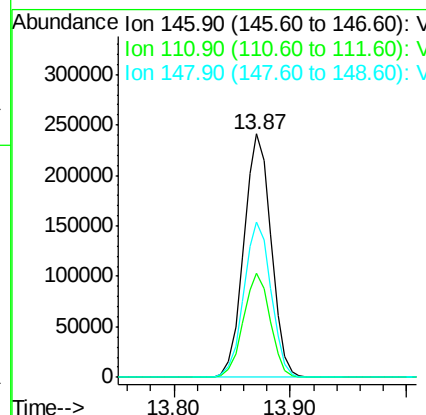
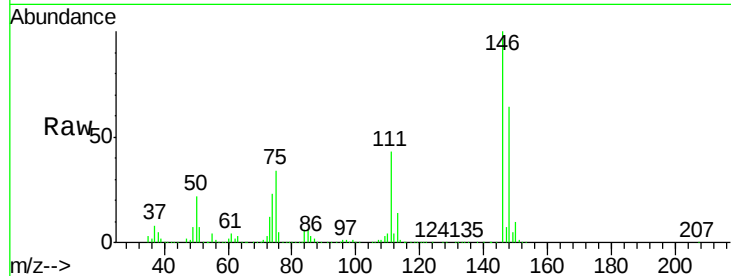
#91
 1,2-Dichlorobenzene
 Concen: 54.348 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	393451		
111	42.0	20.4	61.2	
148	63.9	31.9	95.9	

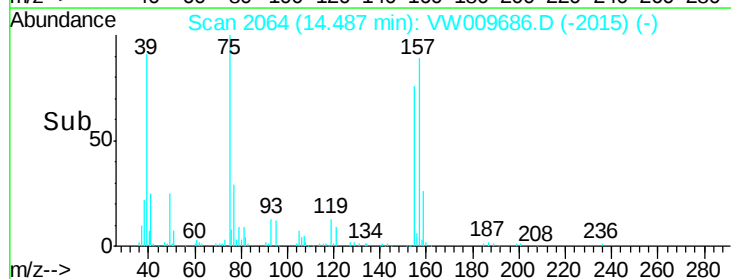
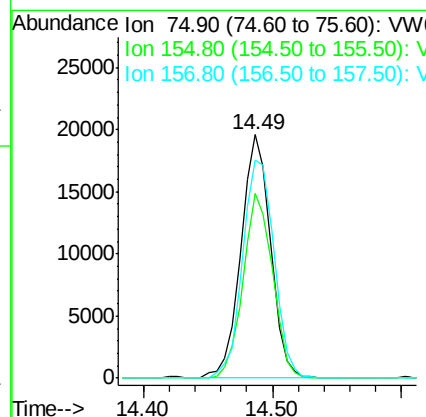
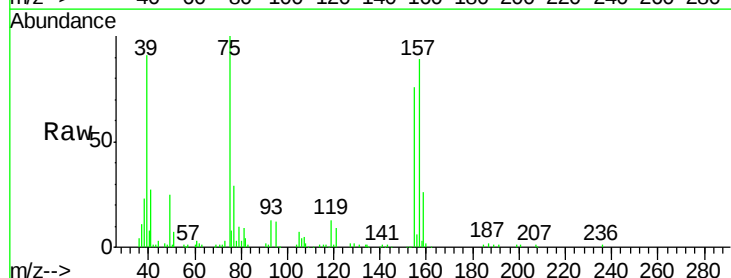
Manual Integrations
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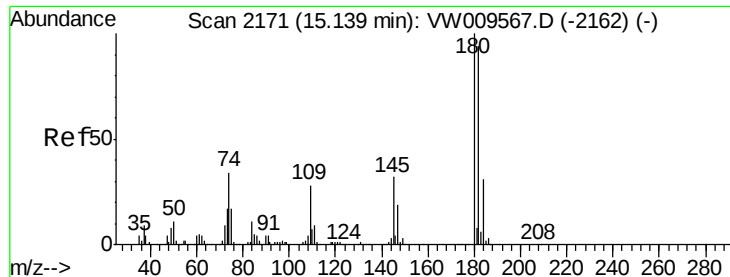
mohammad
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.054 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	31186		
155	75.1	39.3	117.8	
157	95.0	49.5	148.5	





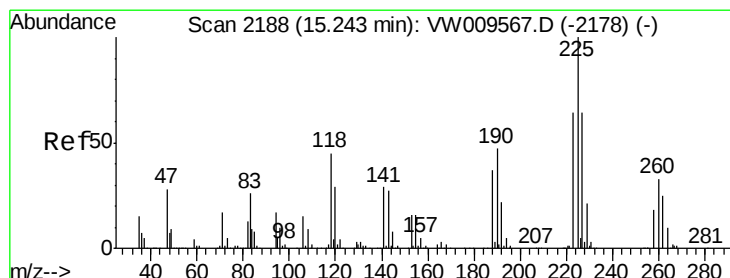
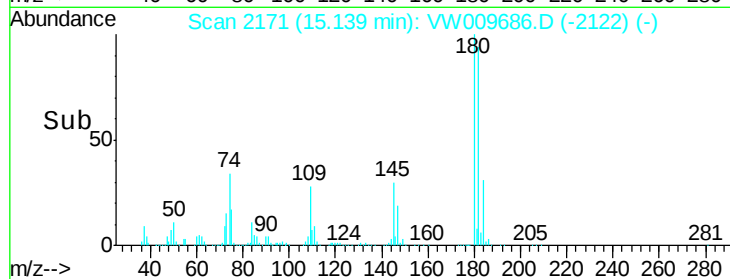
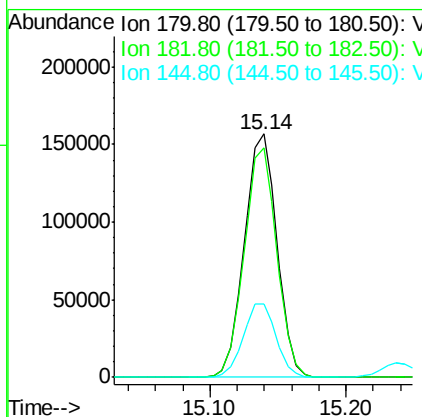
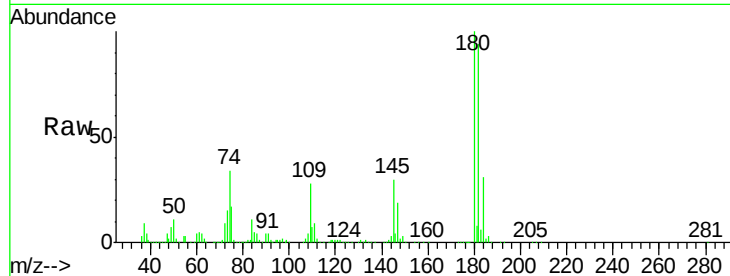
#93
 1,2,4-Trichlorobenzene
 Concen: 56.486 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	263350		
182	94.4	47.9	143.7	
145	30.6	15.0	45.0	

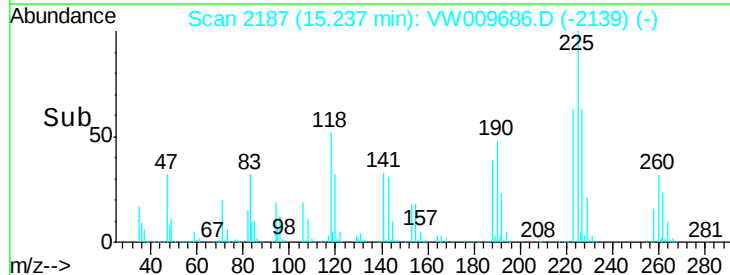
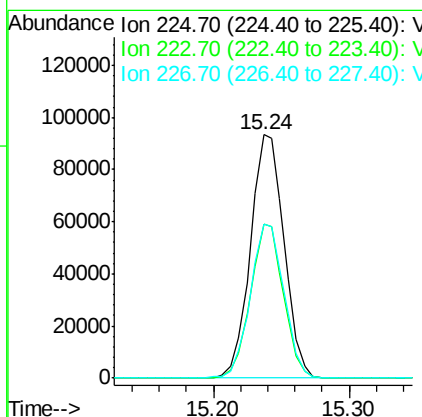
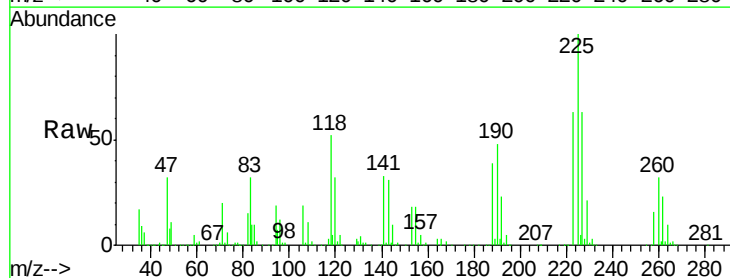
Manual Integrations
 APPROVED

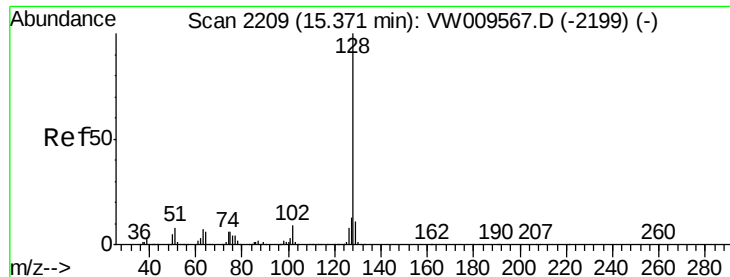
mohammad
 4/5/2019 3:50:58 PM



#94
 Hexachlorobutadiene
 Concen: 53.892 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VW009686.D
 Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	161358		
223	62.2	31.4	94.3	
227	63.4	32.1	96.5	





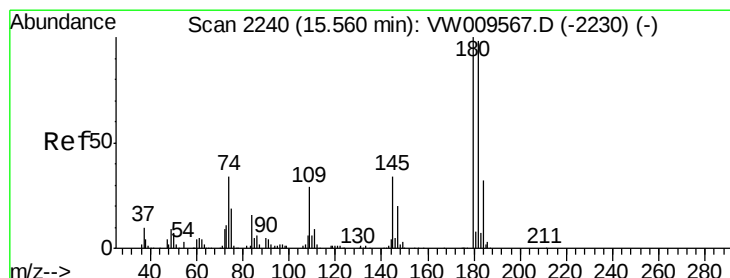
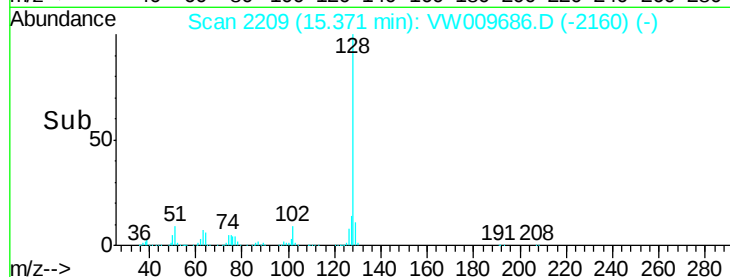
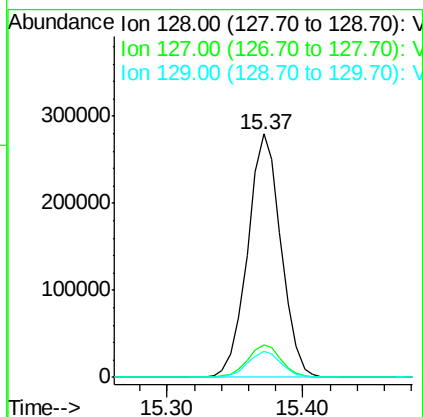
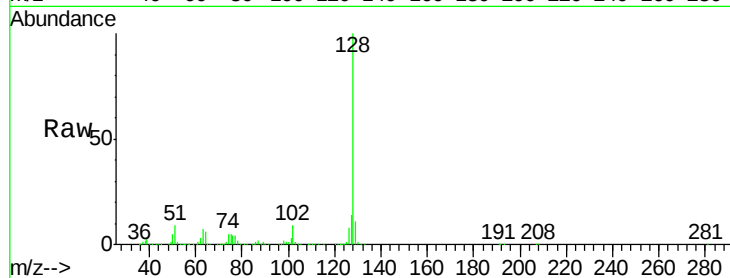
#95
Naphthalene
Concen: 50.612 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	479911		
127	13.6		10.8	16.2
129	10.7		8.7	13.1

Manual Integrations
APPROVED

mohammad
4/5/2019 3:50:58 PM



#96
1,2,3-Trichlorobenzene
Concen: 54.278 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW009686.D
Acq: 04 Apr 2019 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	226090		
182	95.4		47.3	141.9
145	33.1		16.0	48.0

