

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012819\
 Data File : VW008432.D
 Acq On : 28 Jan 2019 11:54
 Operator : SY/VA
 Sample : VW0128SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Manual Integrations
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 1/29/2019 12:19:46 PM

Quant Time: Jan 29 04:22:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	471619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	712099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	621537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	318714	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	223148	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	7.88	113	222066	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.32	98	873953	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
62) 4-Bromofluorobenzene	12.62	95	319486	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	38572	16.484	ug/l	98
3) Chloromethane	2.21	50	57400	14.910	ug/l	97
4) Vinyl Chloride	2.36	62	81834	16.699	ug/l	98
5) Bromomethane	2.78	94	56485	17.870	ug/l	94
6) Chloroethane	2.92	64	53478	17.843	ug/l	98
7) Trichlorofluoromethane	3.25	101	59123	17.285	ug/l	97
8) Diethyl Ether	3.67	74	38697	16.453	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.05	101	74517	17.469	ug/l	96
10) Methyl Iodide	4.26	142	119418	17.724	ug/l	99
11) Tert butyl alcohol	5.17	59	29163	78.179	ug/l	95
12) 1,1-Dichloroethene	4.03	96	76520	17.726	ug/l	97
13) Acrolein	3.89	56	31442	98.121	ug/l	99
14) Allyl chloride	4.66	41	129689	15.821	ug/l	98
15) Acrylonitrile	5.36	53	78657	77.449	ug/l	99
16) Acetone	4.12	43	84459	81.175	ug/l	97
17) Carbon Disulfide	4.37	76	226583	16.434	ug/l	97
18) Methyl Acetate	4.67	43	39767	14.330	ug/l	92
19) Methyl tert-butyl Ether	5.42	73	116084	16.253	ug/l	99
20) Methylene Chloride	4.90	84	80917	16.873	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	82392	16.977	ug/l	94
22) Diisopropyl ether	6.31	45	237422	15.282	ug/l	98
23) Vinyl Acetate	6.25	43	695939	75.864	ug/l	98
24) 1,1-Dichloroethane	6.21	63	142133	16.163	ug/l	98
25) 2-Butanone	7.17	43	110081	76.171	ug/l	96
26) 2,2-Dichloropropane	7.16	77	102349	17.219	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	87374	16.519	ug/l	98
28) Bromochloromethane	7.51	49	69877	17.300	ug/l	93
29) Tetrahydrofuran	7.52	42	67826	74.061	ug/l	92
30) Chloroform	7.67	83	140155	16.204	ug/l	99
31) Cyclohexane	7.95	56	146923	16.158	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	128092	17.146	ug/l	98
36) 1,1-Dichloropropene	8.08	75	119011	17.693	ug/l	98
37) Ethyl Acetate	7.25	43	47512	15.965	ug/l	96
38) Carbon Tetrachloride	8.06	117	122875	18.153	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	153585	17.381	ug/l	98
40) Benzene	8.32	78	315728	16.915	ug/l	99
41) Methacrylonitrile	7.48	41	30339	17.217	ug/l	96
42) 1,2-Dichloroethane	8.40	62	90006	16.640	ug/l	98
43) Isopropyl Acetate	8.42	43	101037	16.342	ug/l	97
44) Trichloroethene	9.09	130	92365	18.197	ug/l	92
45) 1,2-Dichloropropane	9.37	63	77064	16.559	ug/l	99
46) Dibromomethane	9.45	93	40787	17.039	ug/l	97
47) Bromodichloromethane	9.64	83	106546	16.828	ug/l	100
48) Methyl methacrylate	9.43	41	48724	16.117	ug/l	97
49) 1,4-Dioxane	9.45	88	13860	342.550	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	236954	77.576	ug/l	98
52) Toluene	10.38	92	210777	17.107	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	111452	16.543	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	128245	16.774	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	57226	17.236	ug/l	98
56) Ethyl methacrylate	10.65	69	73425	15.782	ug/l	98
57) 1,3-Dichloropropane	10.93	76	99136	16.667	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	198150	87.660	ug/l	96
59) 2-Hexanone	10.97	43	171447	79.508	ug/l	99
60) Dibromochloromethane	11.13	129	71757	16.818	ug/l	99
61) 1,2-Dibromoethane	11.24	107	55840	16.962	ug/l	97
64) Tetrachloroethene	10.86	164	79169	18.813	ug/l	99
65) Chlorobenzene	11.66	112	225771	17.794	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	80791	17.798	ug/l	99
67) Ethyl Benzene	11.73	91	411549	17.646	ug/l	99
68) m/p-Xylenes	11.84	106	320438	35.412	ug/l	96
69) o-Xylene	12.17	106	149101	17.342	ug/l	97
70) Styrene	12.18	104	240572	16.939	ug/l	98
71) Bromoform	12.35	173	43443	17.009	ug/l #	98
73) Isopropylbenzene	12.46	105	420486	17.697	ug/l	99
74) N-amyl acetate	12.27	43	94821	15.491	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	62959	16.736	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	46023m	16.609	ug/l	
77) Bromobenzene	12.75	156	94647	18.239	ug/l	93
78) n-propylbenzene	12.80	91	499503	17.503	ug/l	98
79) 2-Chlorotoluene	12.90	91	274588	17.051	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	344585	17.351	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	22429	15.987	ug/l	96
82) 4-Chlorotoluene	12.99	91	284368	16.586	ug/l	95
83) tert-Butylbenzene	13.21	119	317761	17.980	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	350400	17.358	ug/l	100
85) sec-Butylbenzene	13.38	105	447010	17.711	ug/l	100
86) p-Isopropyltoluene	13.50	119	392696	17.762	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	185296	17.681	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	183225	17.592	ug/l	99
89) n-Butylbenzene	13.83	91	374572	17.255	ug/l	100
90) Hexachloroethane	14.10	117	76817	17.767	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	164244	17.712	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11793	16.522	ug/l	99

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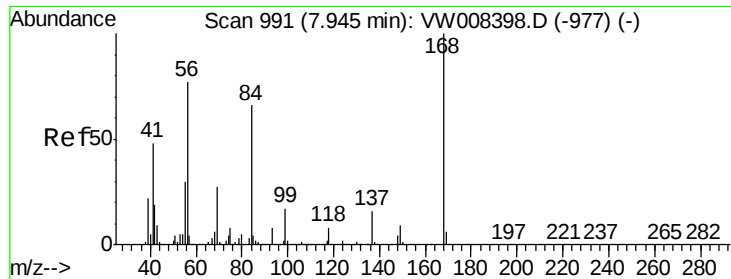
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	121382	18.343	ug/l	99
94) Hexachlorobutadiene	15.24	225	73917	18.535	ug/l	100
95) Naphthalene	15.37	128	200698	17.273	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	101771	18.131	ug/l	100

(#) = 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: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion:168 Resp: 471619

Ion Ratio Lower Upper

168 100

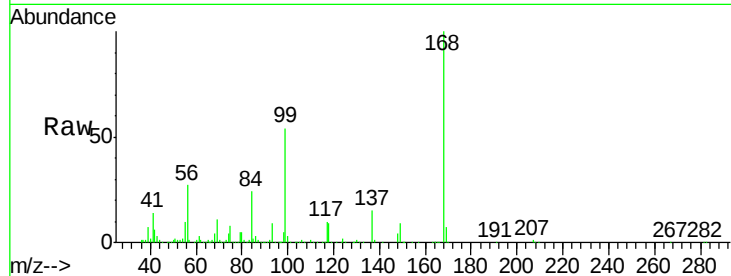
99 53.5 45.5 68.3

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

250000

200000

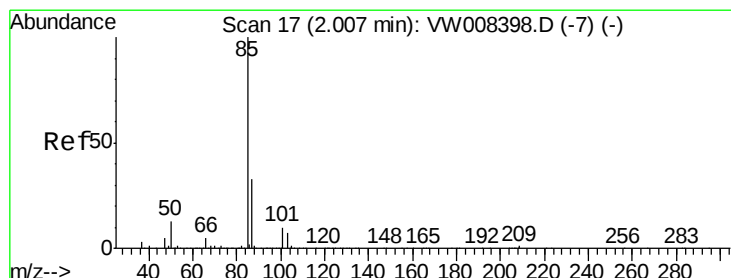
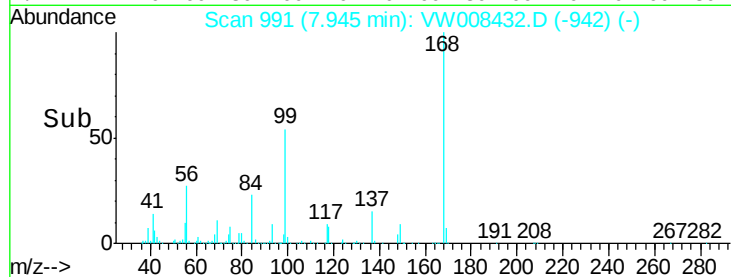
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 16.484 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008432.D

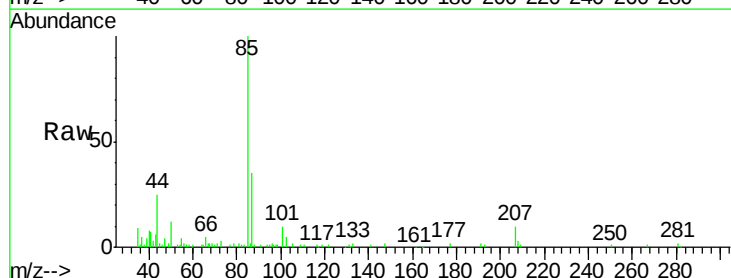
Acq: 28 Jan 2019 11:54

Tgt Ion: 85 Resp: 38572

Ion Ratio Lower Upper

85 100

87 34.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

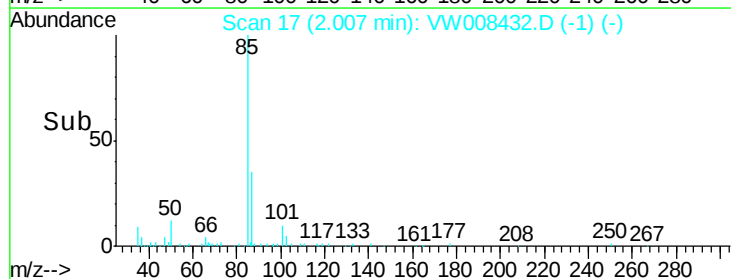
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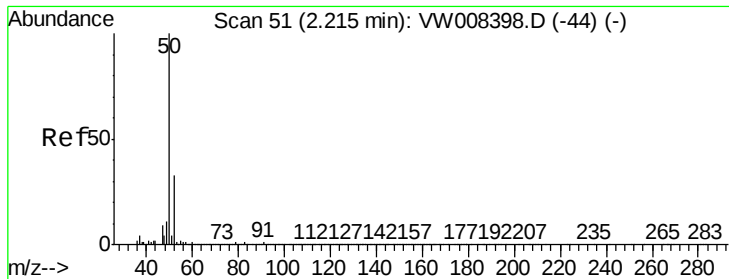
10000

5000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 14.910 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 50 Resp: 57400

Ion Ratio Lower Upper

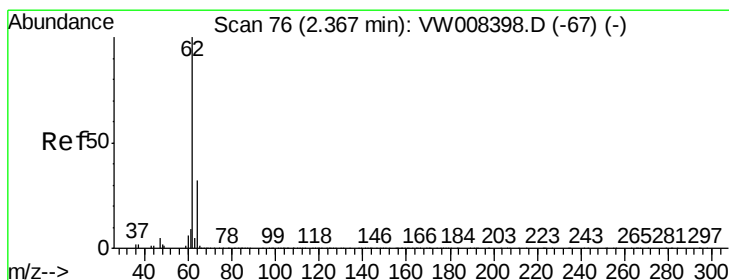
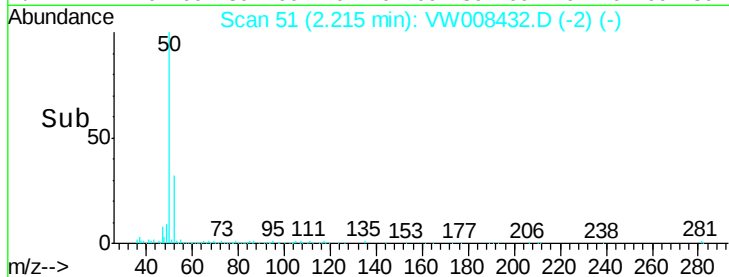
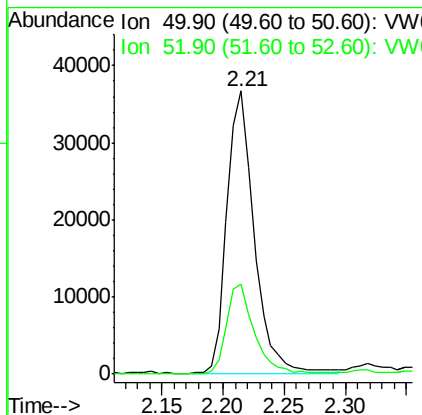
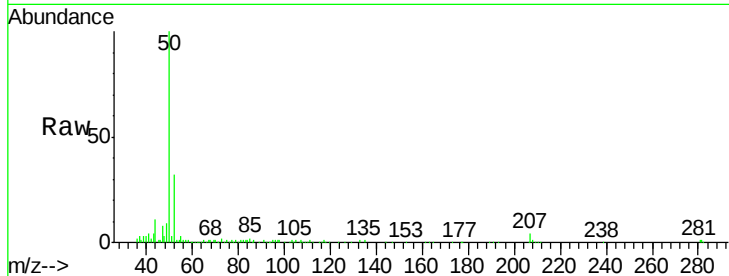
50 100

52 31.5 26.3 39.5

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#4

Vinyl Chloride

Concen: 16.699 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW008432.D

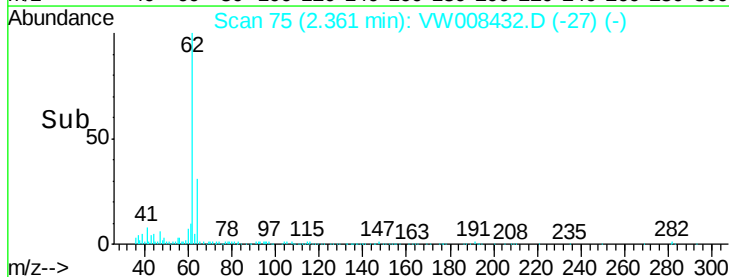
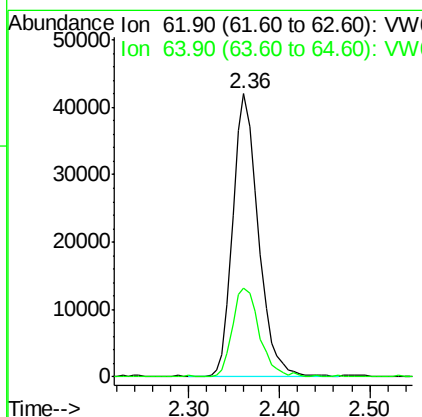
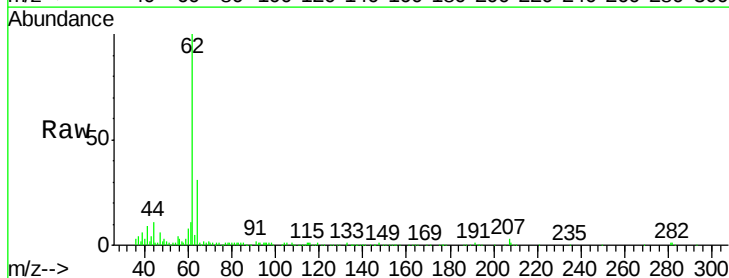
Acq: 28 Jan 2019 11:54

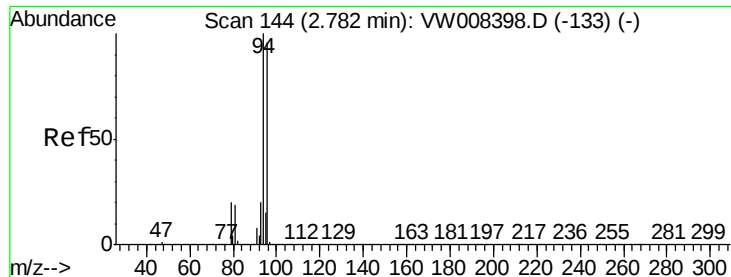
Tgt Ion: 62 Resp: 81834

Ion Ratio Lower Upper

62 100

64 30.8 25.5 38.3





#5

Bromomethane

Concen: 17.870 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 94 Resp: 56485

Ion Ratio Lower Upper

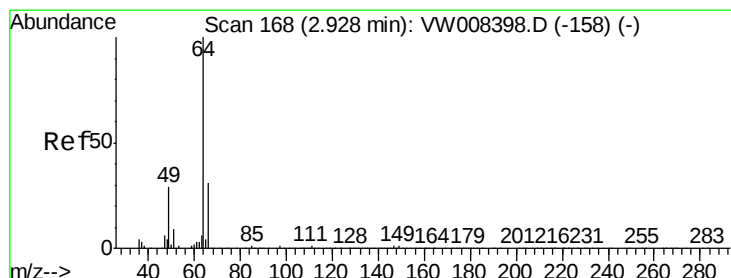
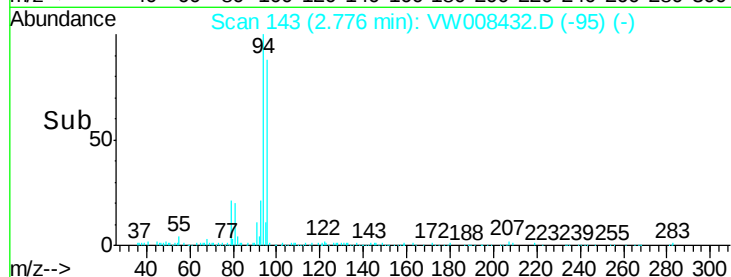
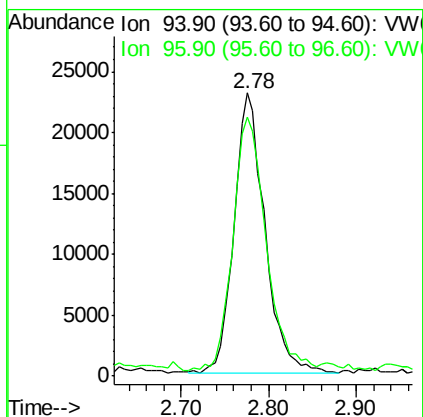
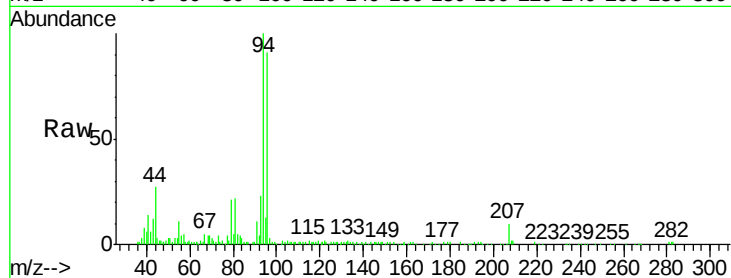
94 100

96 90.3 77.2 115.8

Manual Integrations
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#6

Chloroethane

Concen: 17.843 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008432.D

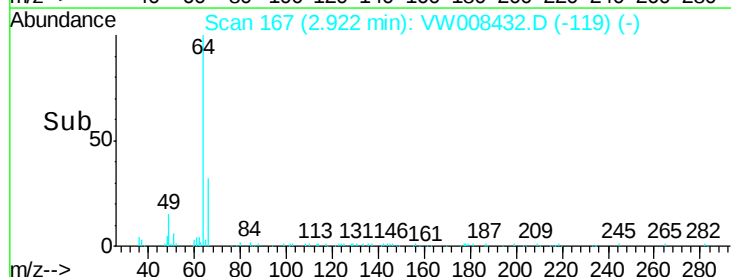
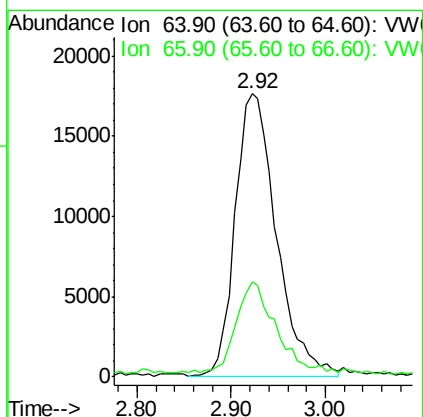
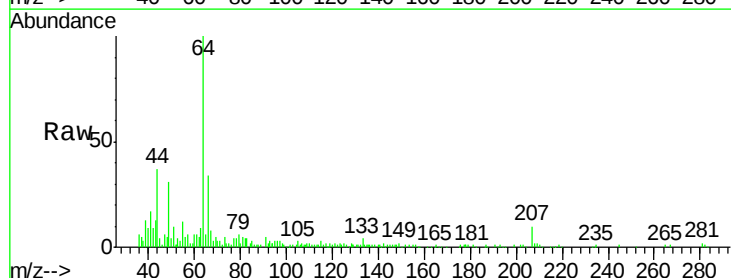
Acq: 28 Jan 2019 11:54

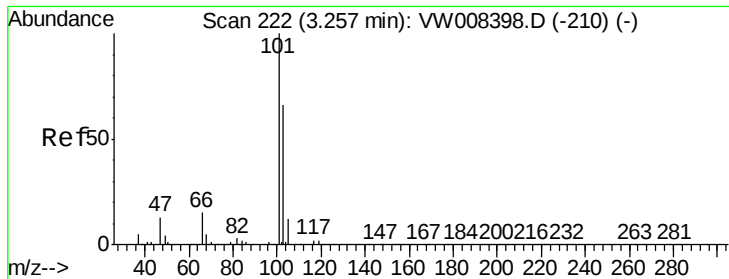
Tgt Ion: 64 Resp: 53478

Ion Ratio Lower Upper

64 100

66 32.4 24.9 37.3





#7

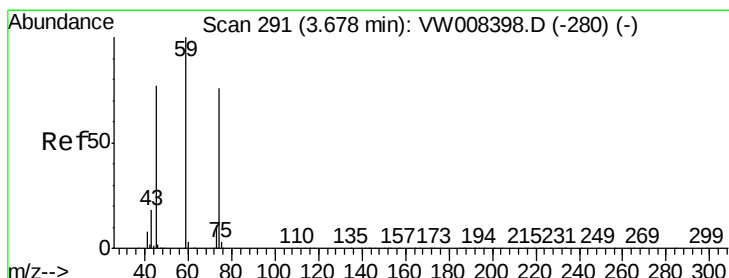
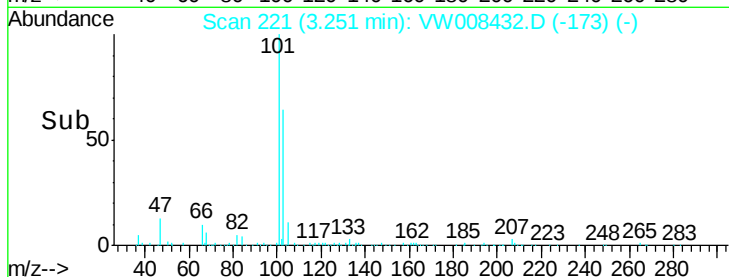
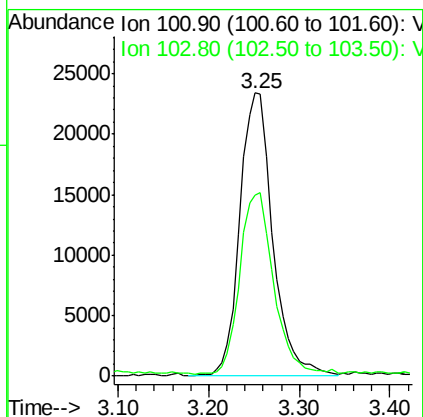
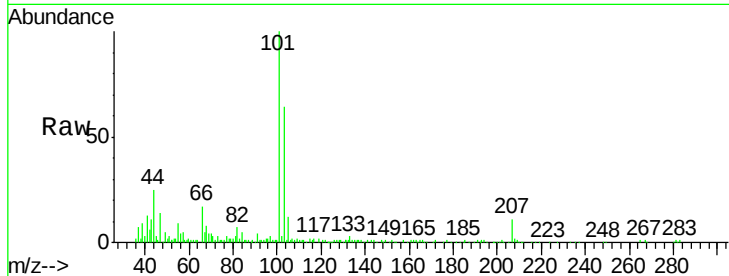
Trichlorofluoromethane
Concen: 17.285 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

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ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.5	78.7

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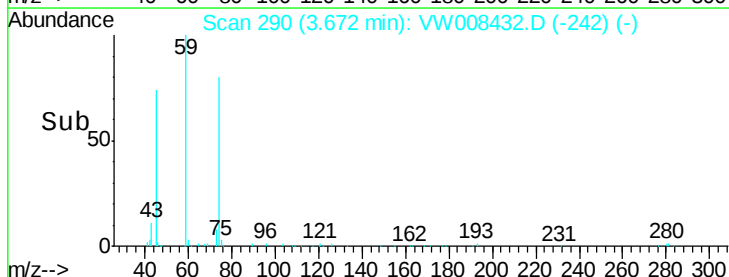
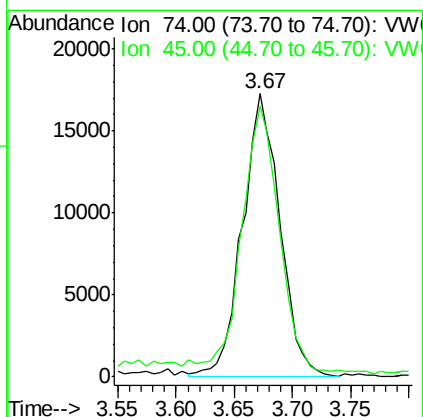
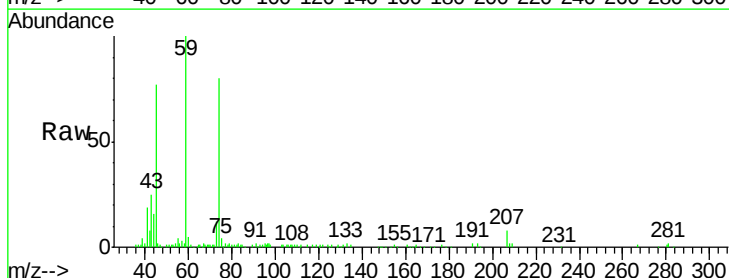
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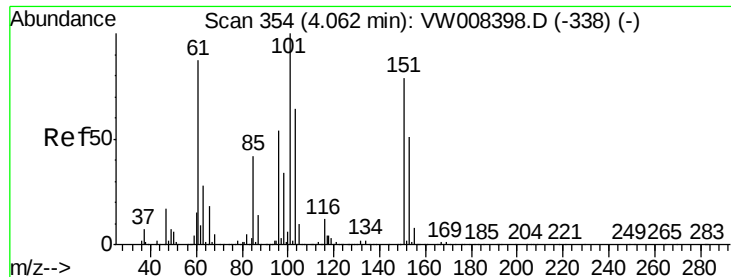


#8

Diethyl Ether
Concen: 16.453 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.7	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.469 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

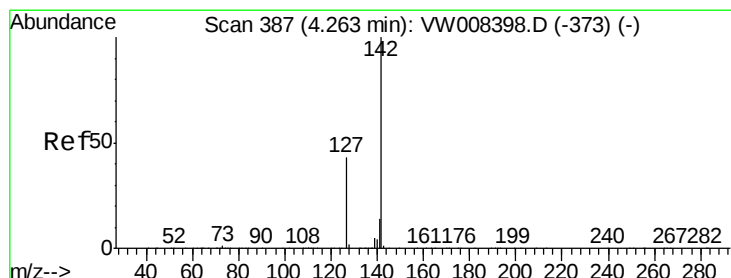
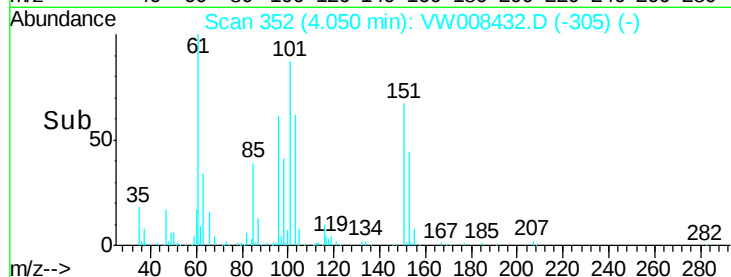
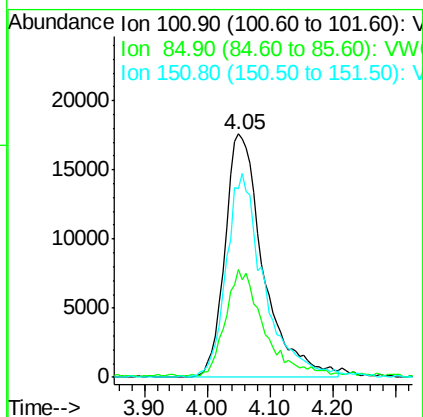
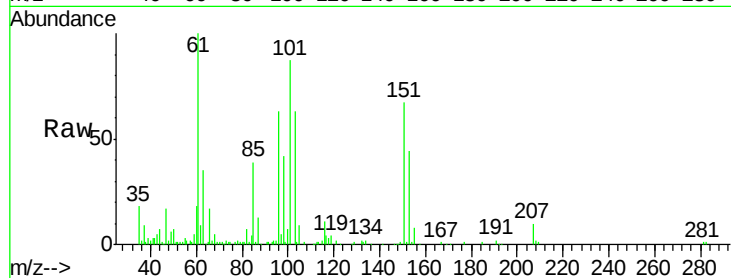
ClientSampleId :

VW0128SBS01

Tot Ion:	101	Resp:	74517
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.0	52.4
151	83.4	62.6	94.0

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#10

Methyl Iodide

Concen: 17.724 ug/l

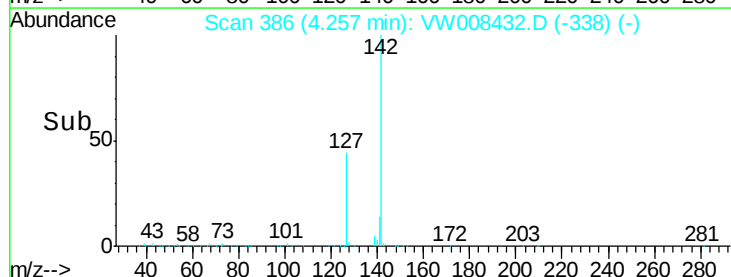
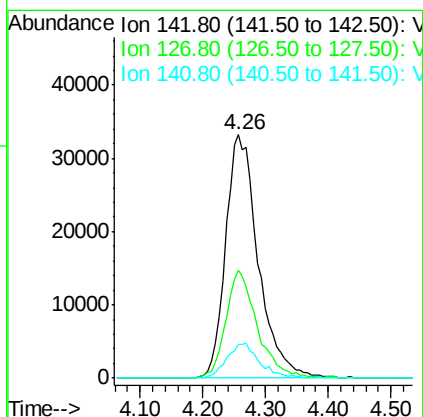
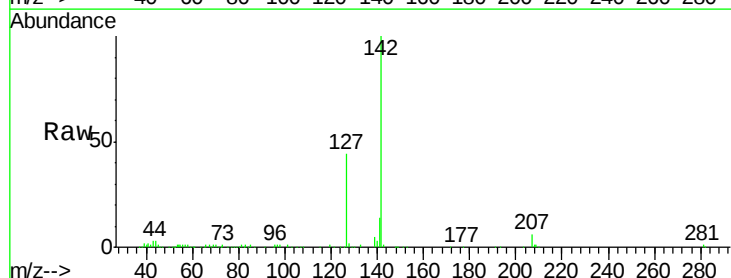
RT: 4.26 min Scan# 386

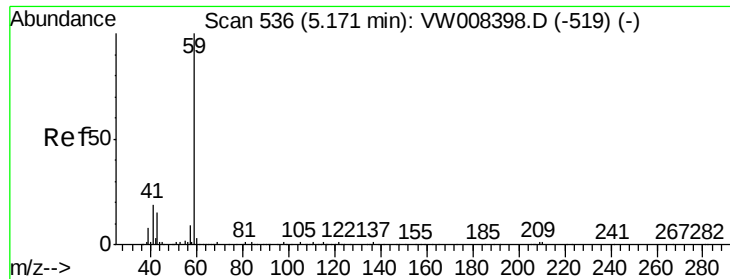
Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	142	Resp:	119418
Ion Ratio	Lower	Upper	
142	100		
127	42.6	34.6	52.0
141	14.4	11.4	17.2





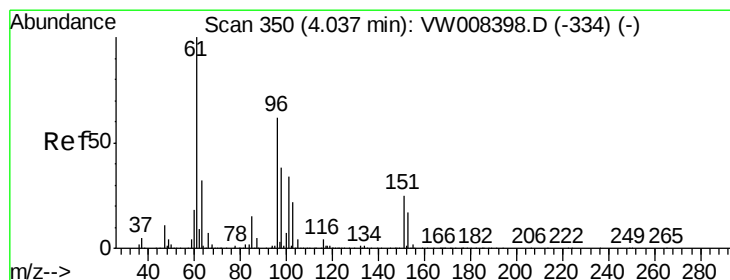
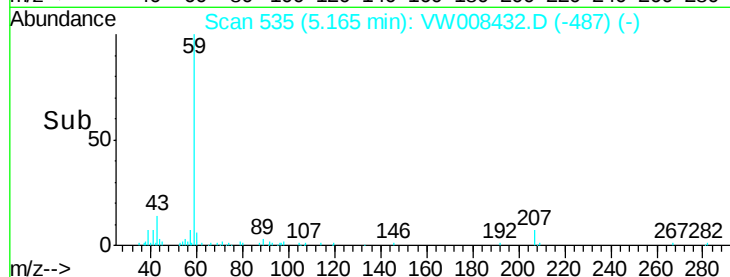
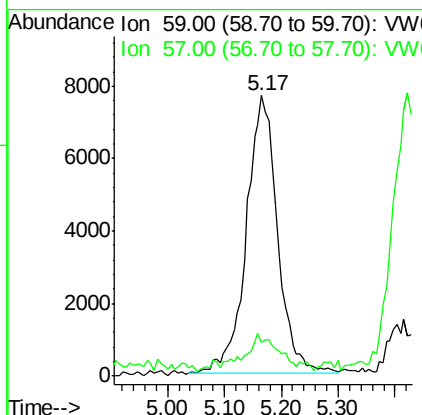
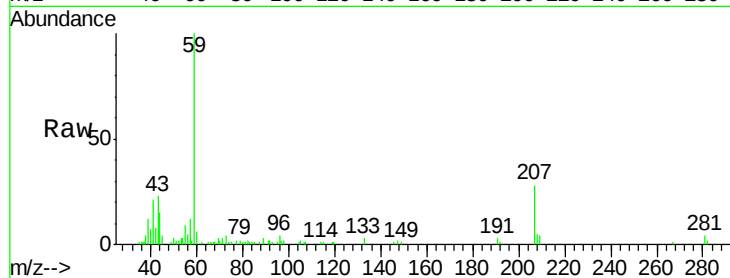
#11
Tert butyl alcohol
Concen: 78.179 ug/l
RT: 5.17 min Scan# 535
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	13.5	9.3	13.9

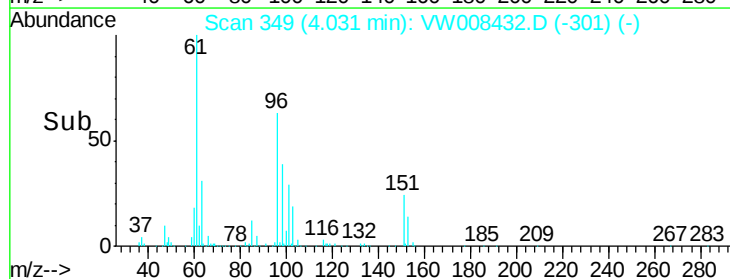
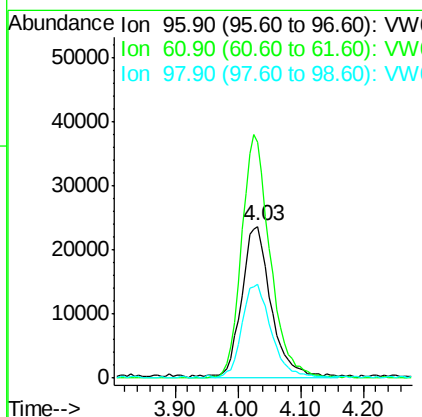
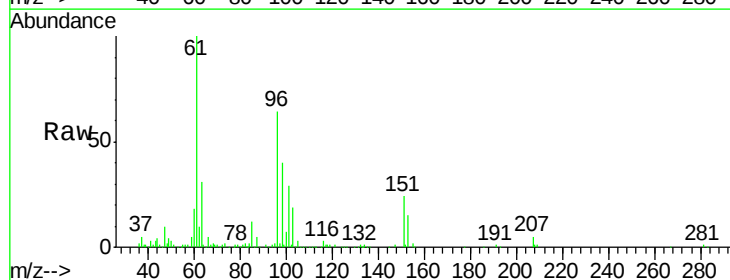
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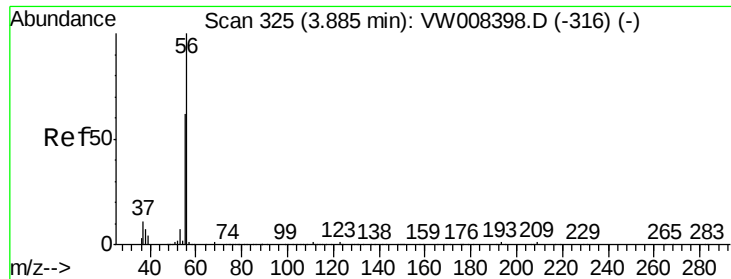
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#12
1,1-Dichloroethene
Concen: 17.726 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.5	129.5	194.3
98	61.2	48.6	73.0





#13

Acrolein

Concen: 98.121 ug/l

RT: 3.89 min Scan# 325

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 56 Resp: 31442

Ion Ratio Lower Upper

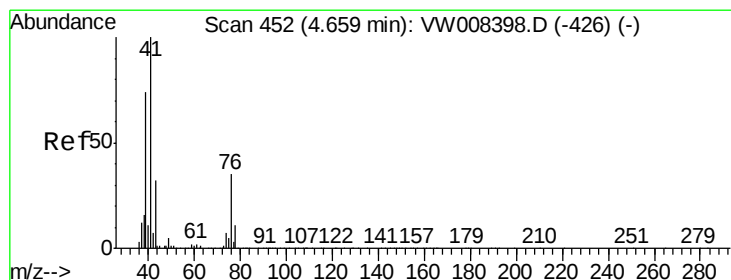
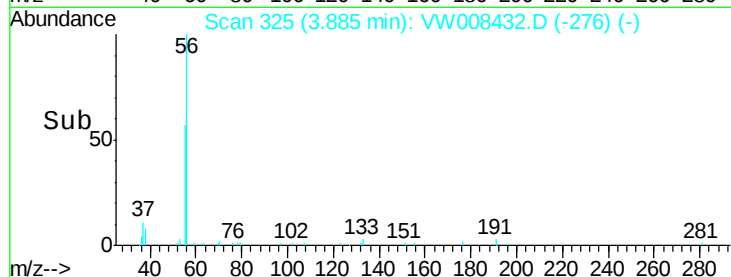
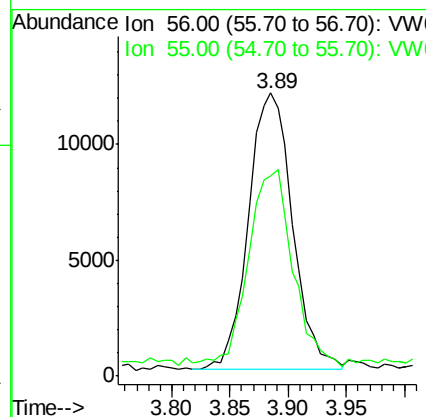
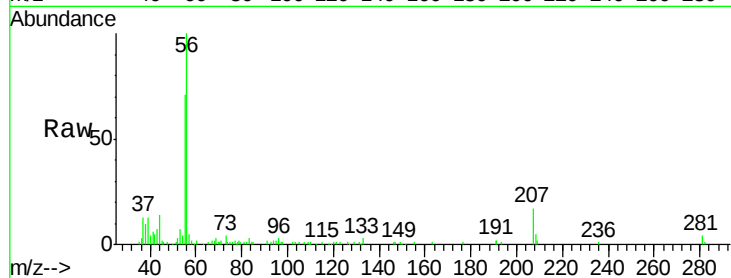
56 100

55 71.6 56.7 85.1

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#14

Allyl chloride

Concen: 15.821 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

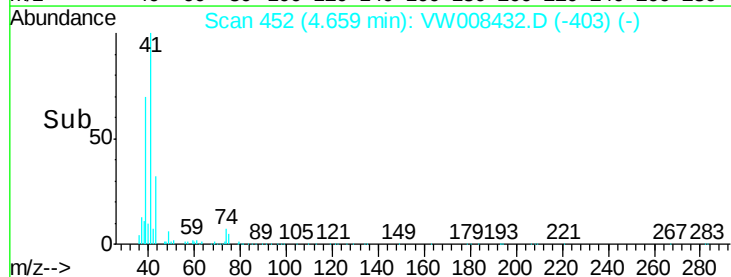
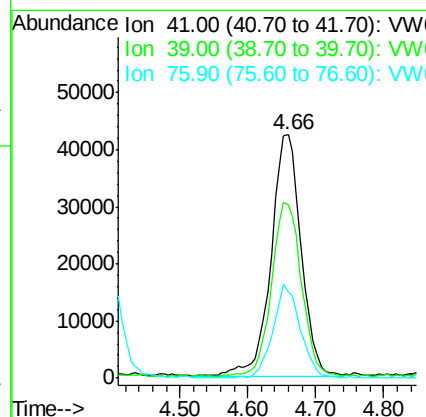
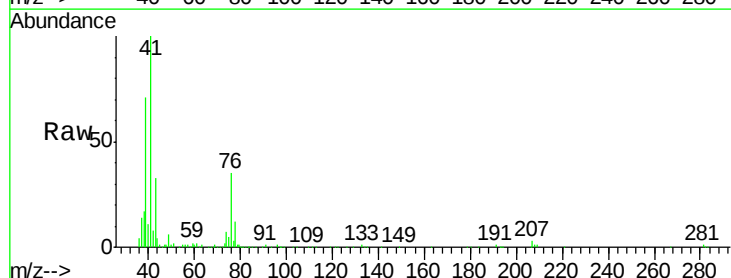
Tgt Ion: 41 Resp: 129689

Ion Ratio Lower Upper

41 100

39 71.4 57.7 86.5

76 35.4 26.9 40.3





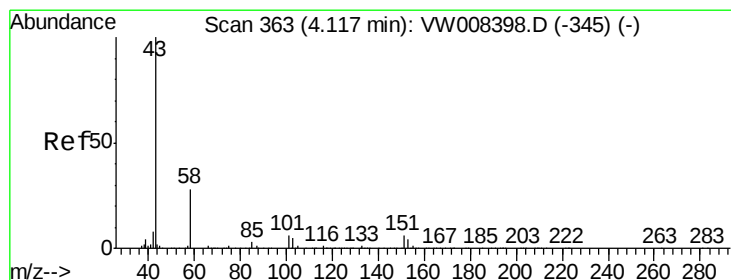
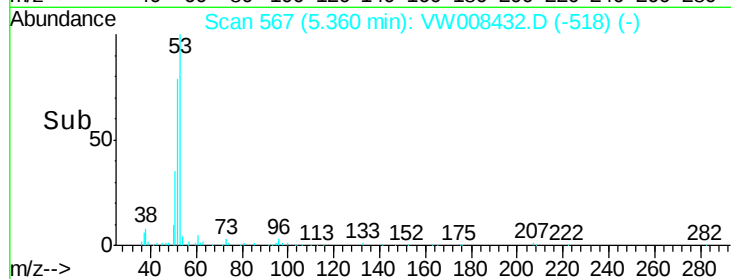
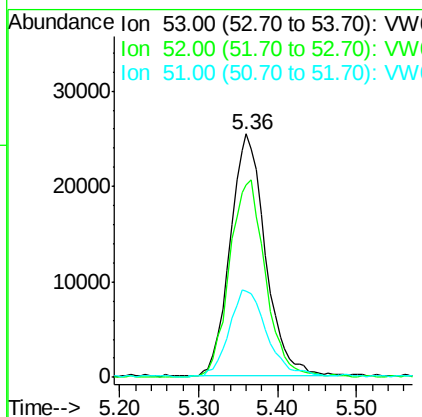
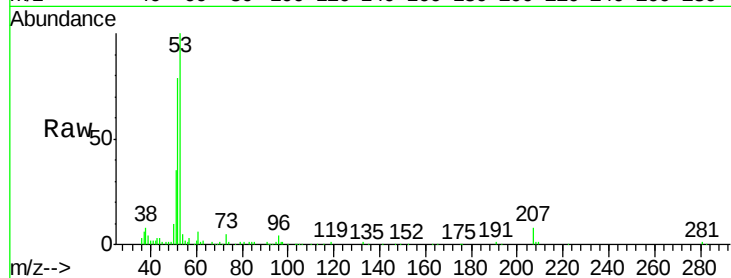
#15
 Acrylonitrile
 Concen: 77.449 ug/l
 RT: 5.36 min Scan# 567
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion:	53	Resp:	78657
Ion Ratio	Lower	Upper	
53	100		
52	83.3	67.0	100.4
51	39.6	29.8	44.8

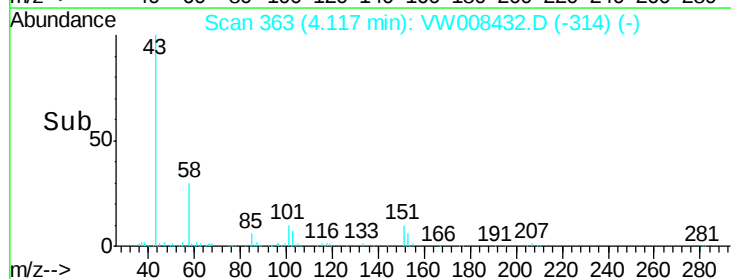
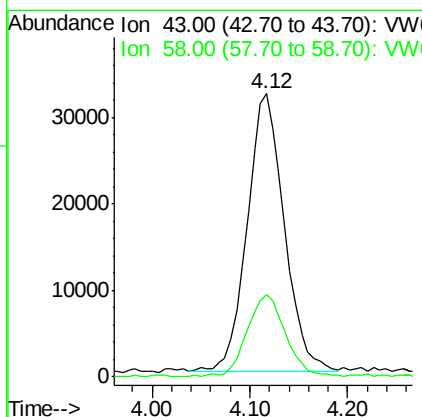
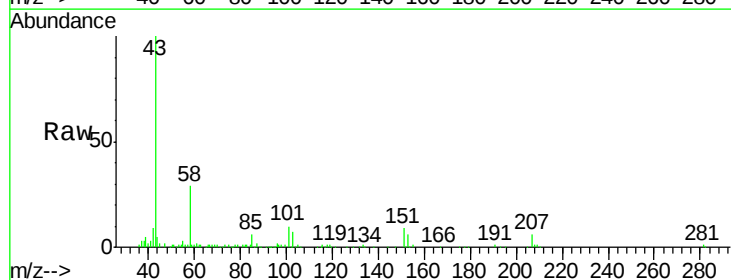
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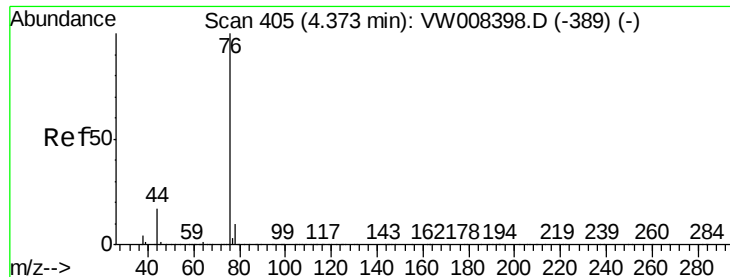
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#16
 Acetone
 Concen: 81.175 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion:	43	Resp:	84459
Ion Ratio	Lower	Upper	
43	100		
58	29.7	22.6	34.0





#17

Carbon Disulfide

Concen: 16.434 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 76 Resp: 226583

Ion Ratio Lower Upper

76 100

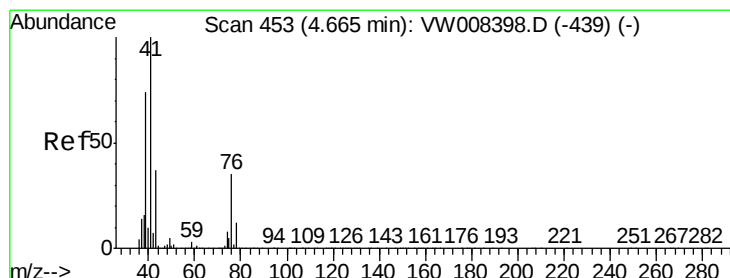
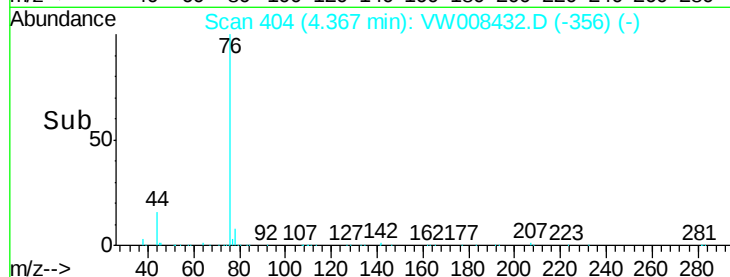
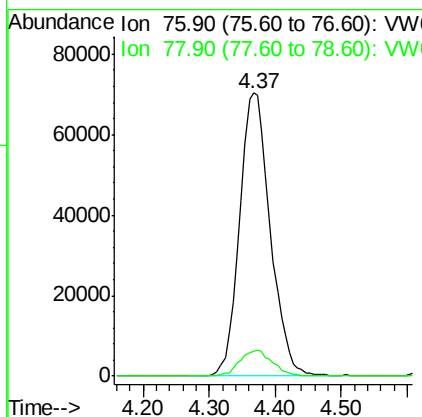
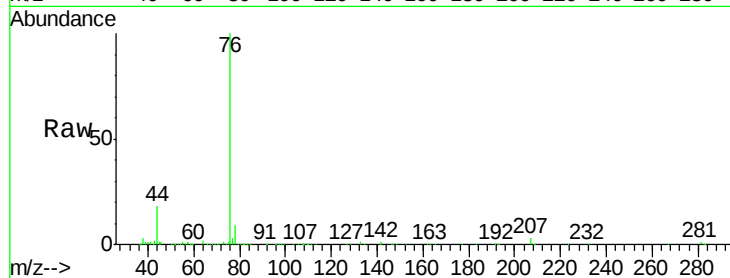
78 8.6 7.7 11.5

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#18

Methyl Acetate

Concen: 14.330 ug/l

RT: 4.67 min Scan# 453

Delta R.T. 0.00 min

Lab File: VW008432.D

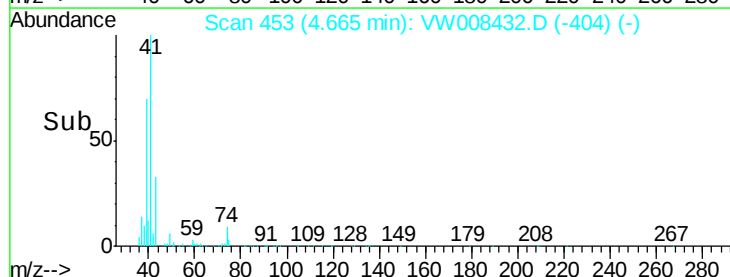
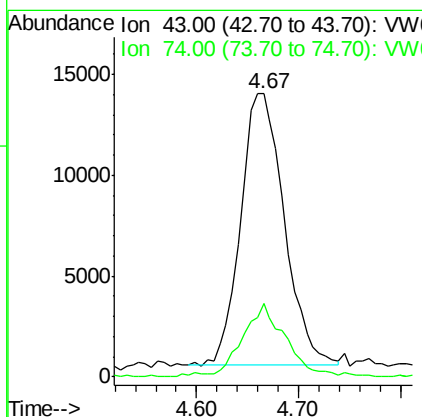
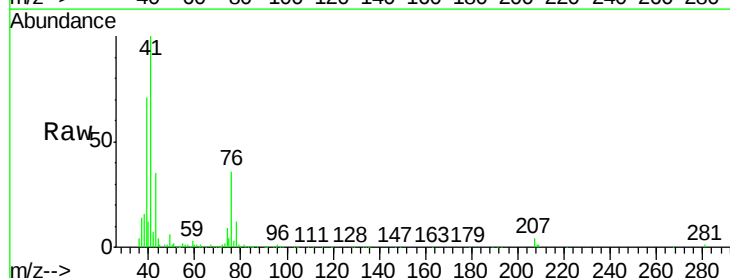
Acq: 28 Jan 2019 11:54

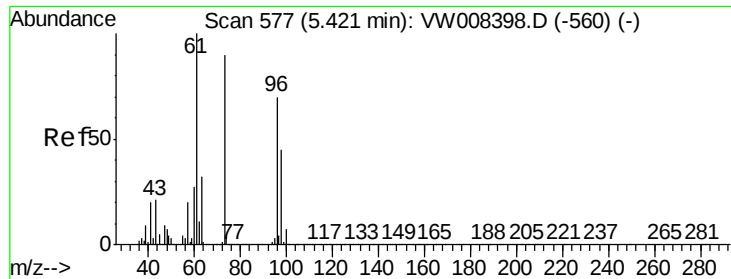
Tgt Ion: 43 Resp: 39767

Ion Ratio Lower Upper

43 100

74 25.6 17.5 26.3





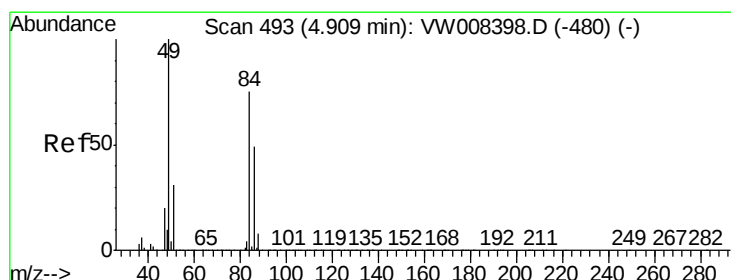
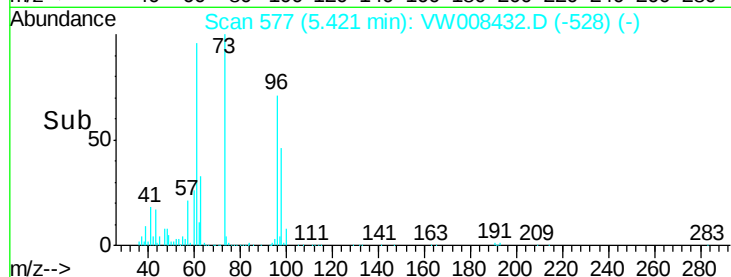
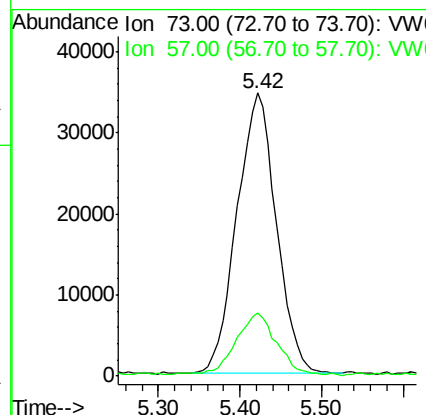
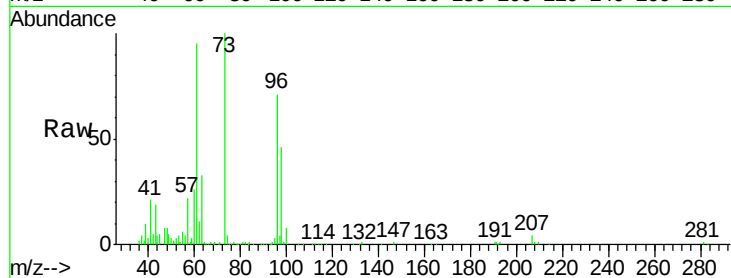
#19
Methvl tert-butvl Ether
Concen: 16.253 ug/l
RT: 5.42 min Scan# 577
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion: 73 Resp: 116084
Ion Ratio Lower Upper
73 100
57 22.2 18.0 27.0

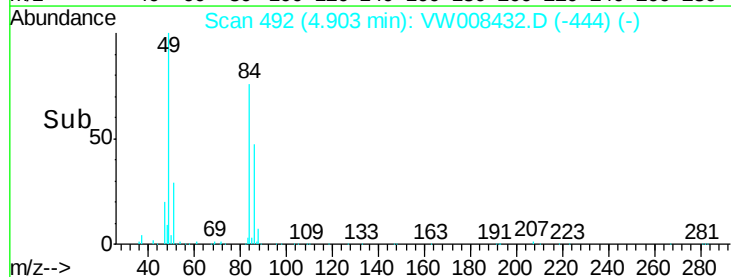
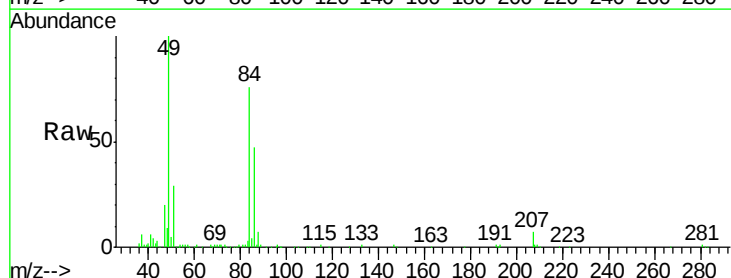
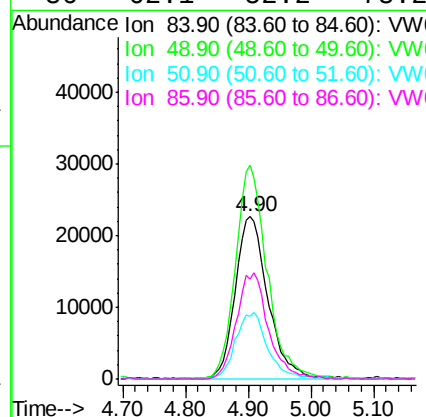
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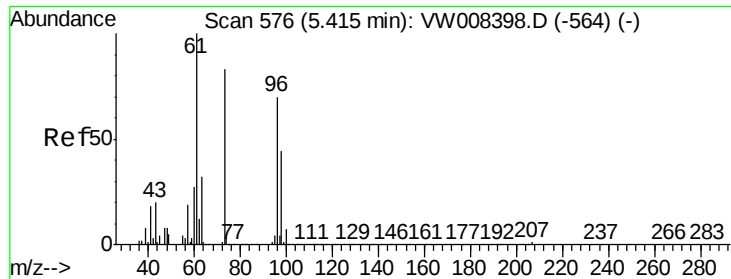
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#20
Methylene Chloride
Concen: 16.873 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 84 Resp: 80917
Ion Ratio Lower Upper
84 100
49 132.2 106.8 160.2
51 38.1 32.9 49.3
86 62.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 16.977 ug/l

RT: 5.42 min Scan# 576

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

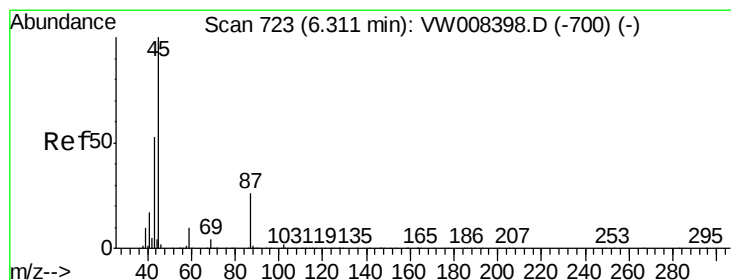
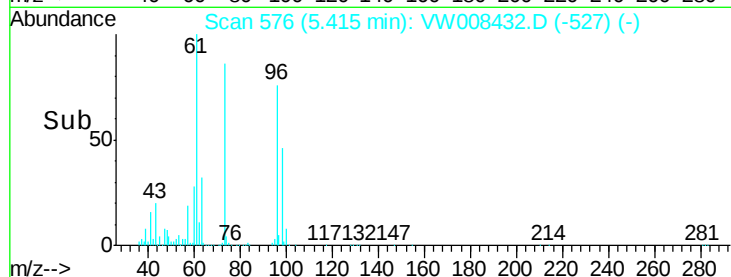
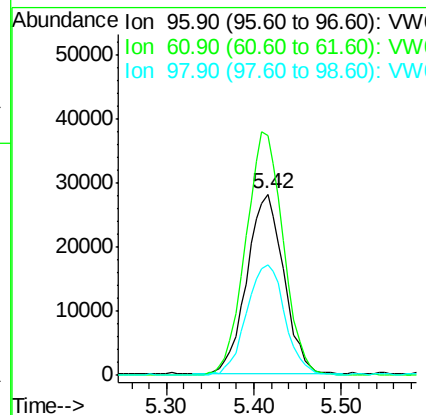
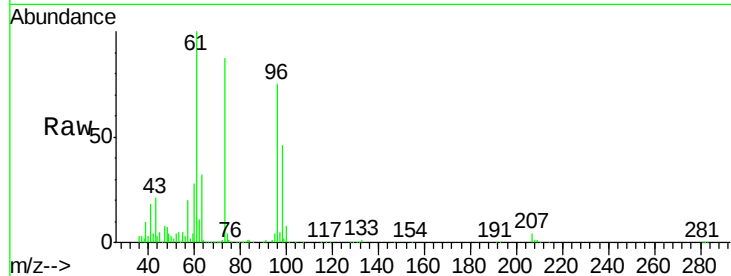
ClientSampleId :

VW0128SBS01

Tot Ion:	96	Resp:	82392
Ion Ratio	Lower	Upper	
96	100		
61	133.3	114.4	171.6
98	60.6	50.6	75.8

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#22

Diisopropyl ether

Concen: 15.282 ug/l

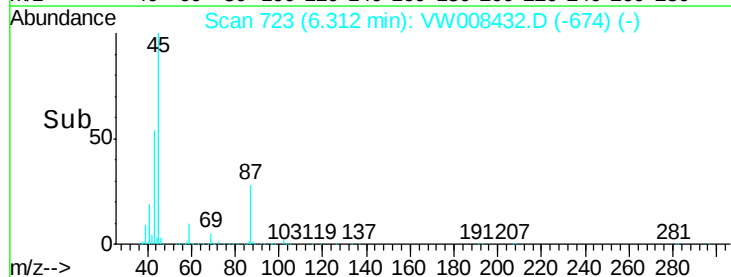
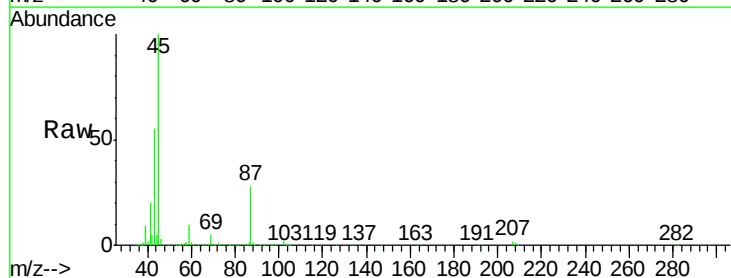
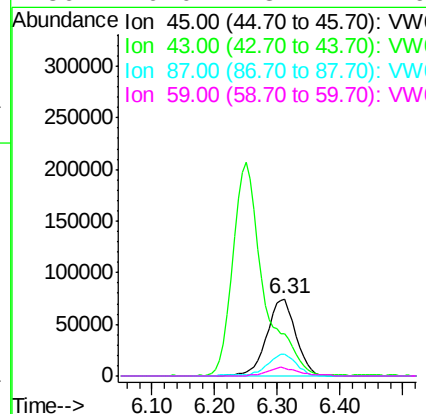
RT: 6.31 min Scan# 723

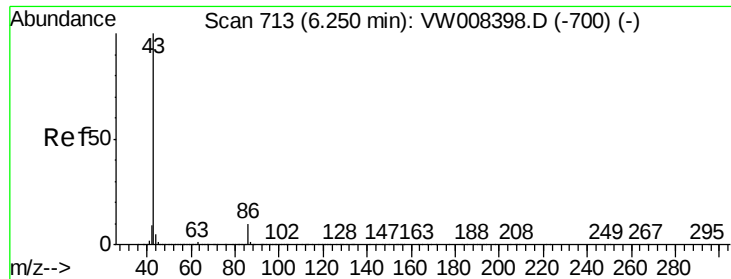
Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	45	Resp:	237422
Ion Ratio	Lower	Upper	
45	100		
43	54.1	42.6	63.8
87	27.8	20.3	30.5
59	10.0	8.4	12.6





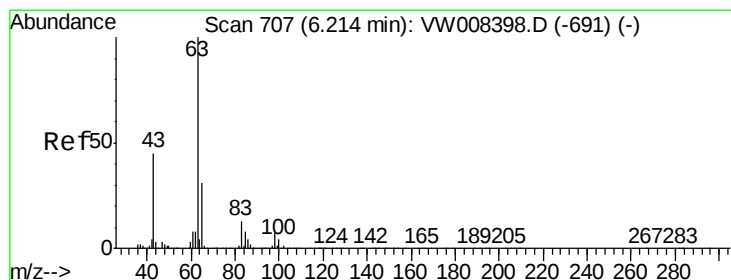
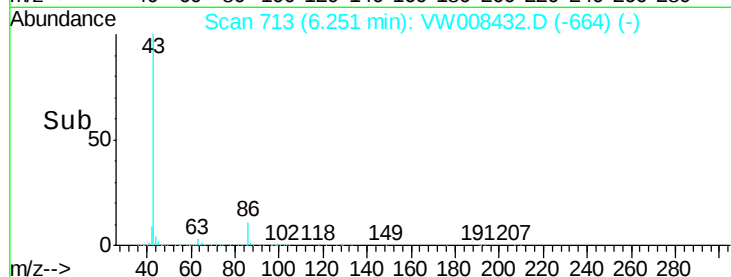
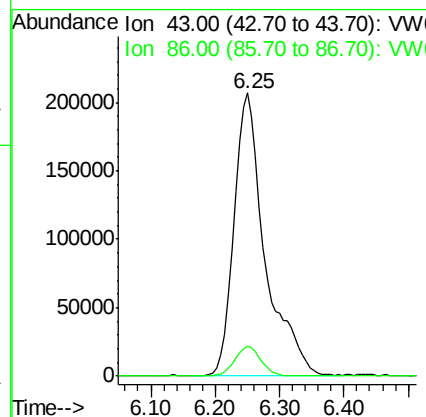
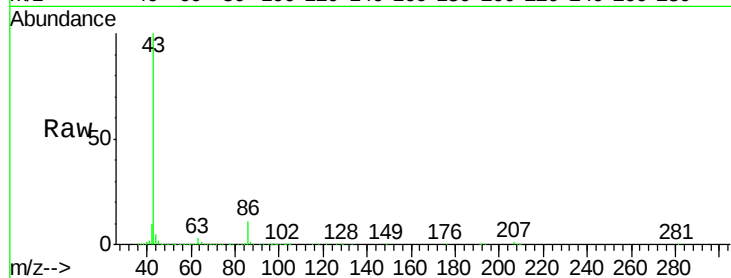
#23
 Vinyl Acetate
 Concen: 75.864 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
86	10.6	7.8	11.8

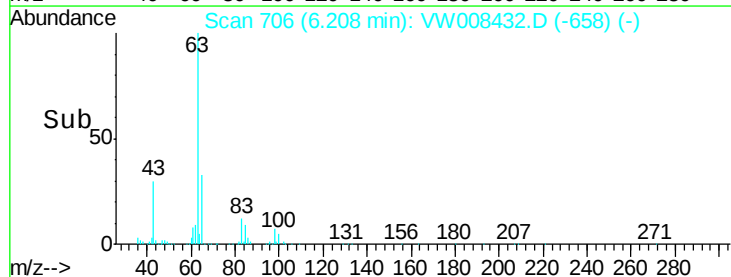
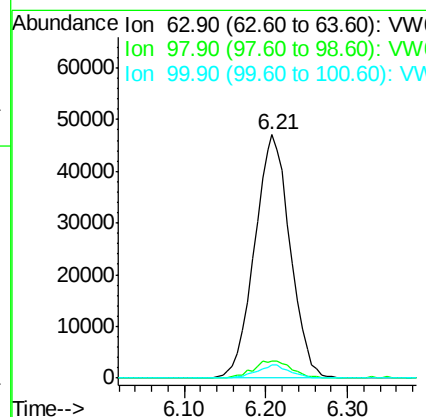
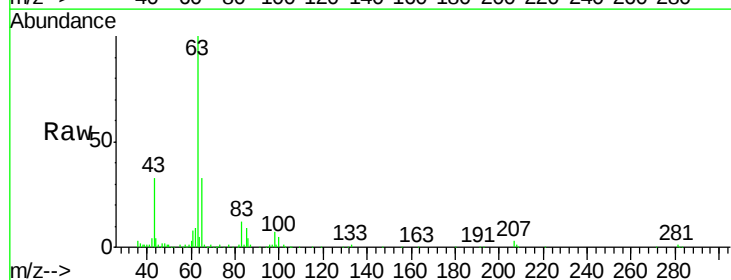
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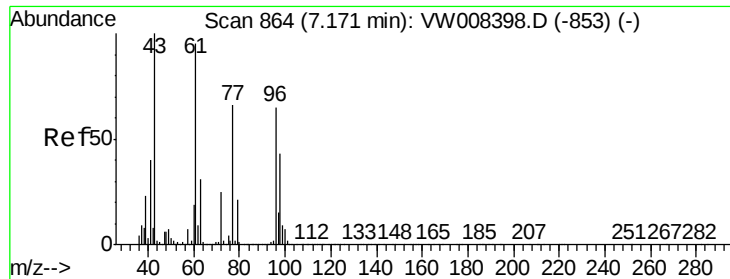
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#24
 1,1-Dichloroethane
 Concen: 16.163 ug/l
 RT: 6.21 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.5
100	5.2	2.1	6.2





#25

2-Butanone

Concen: 76.171 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 43 Resp: 110081

Ion Ratio Lower Upper

43 100

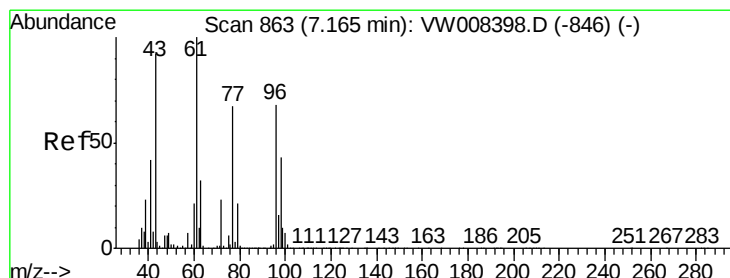
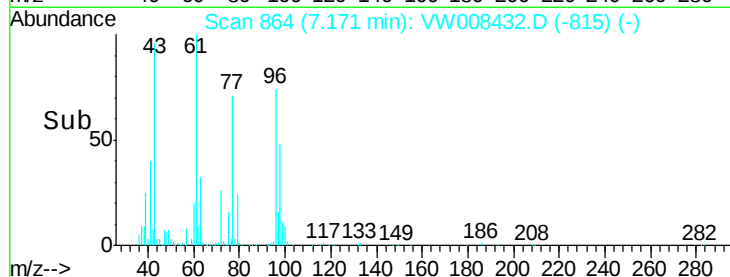
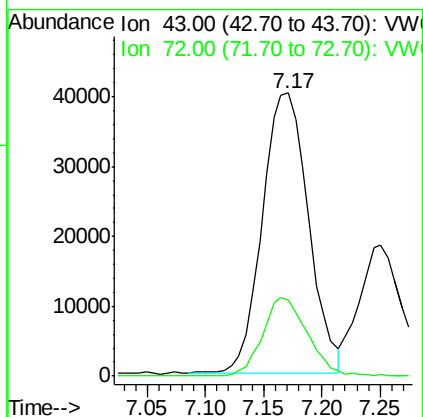
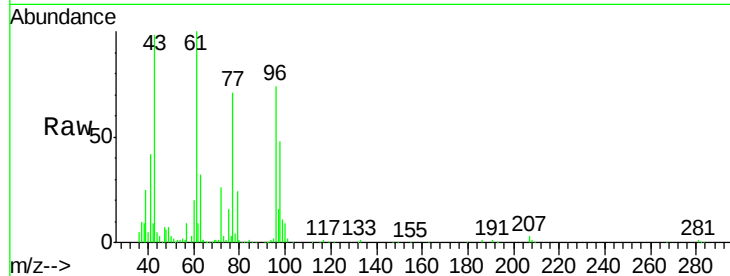
72 27.2 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.219 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008432.D

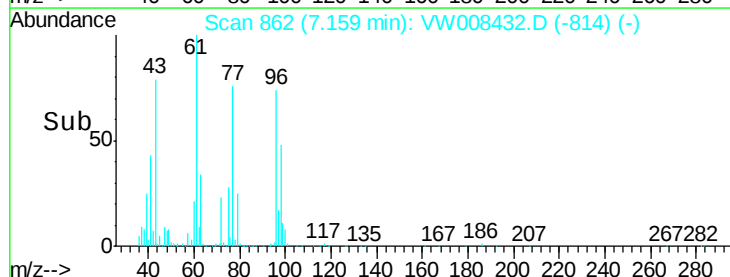
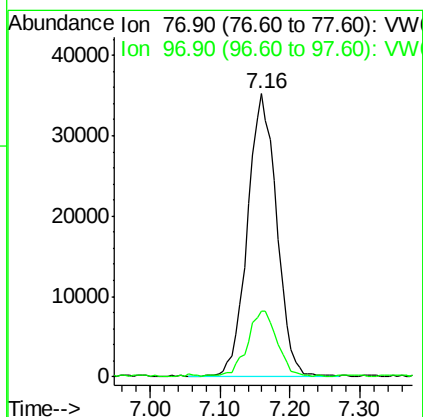
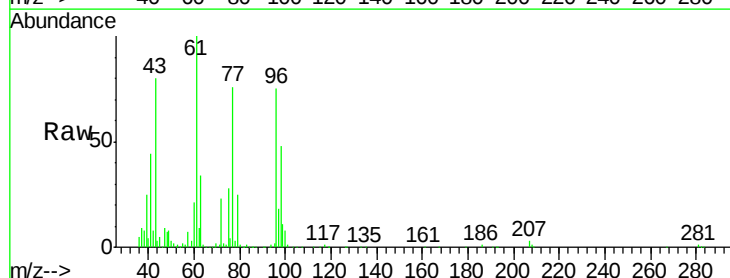
Acq: 28 Jan 2019 11:54

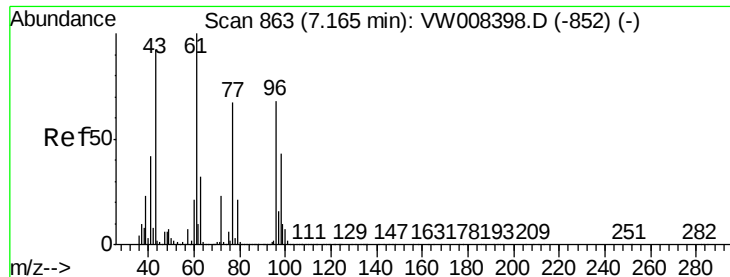
Tgt Ion: 77 Resp: 102349

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.5





#27

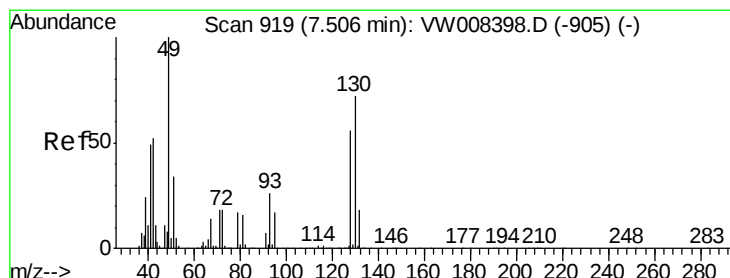
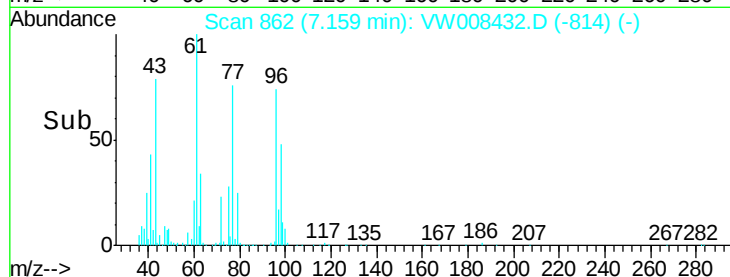
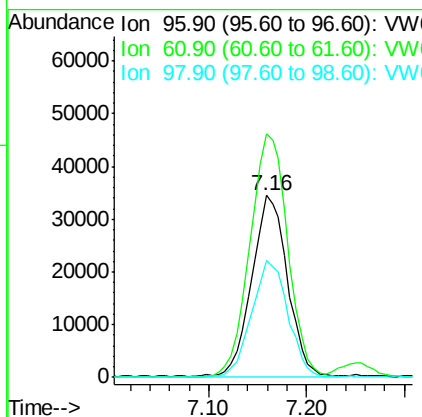
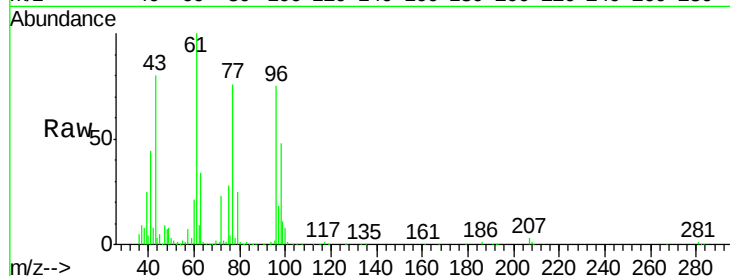
cis-1,2-Dichloroethene
 Concen: 16.519 ug/l
 RT: 7.16 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	292.8
98	65.0	0.0	129.2

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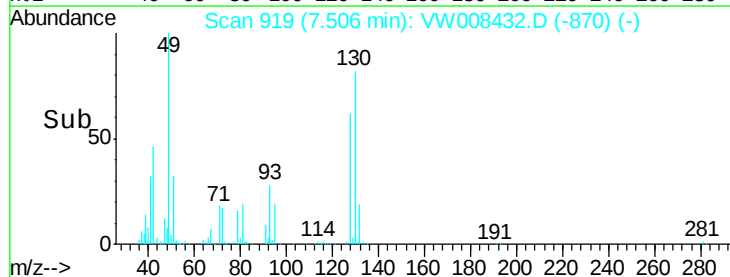
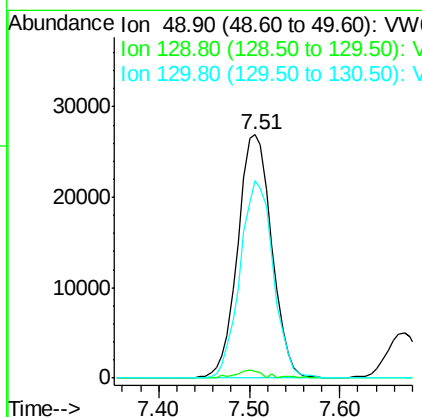
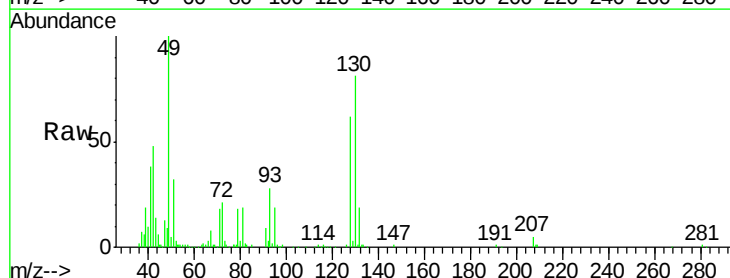
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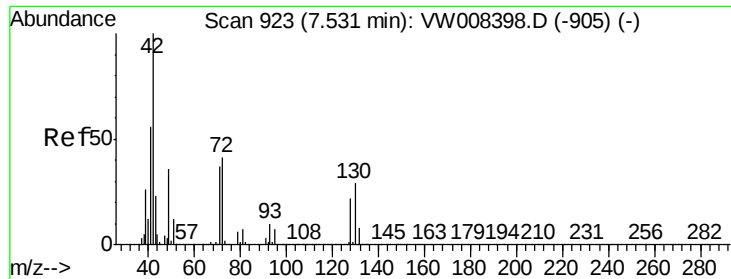


#28

Bromochloromethane
 Concen: 17.300 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	79.4	58.6	87.8





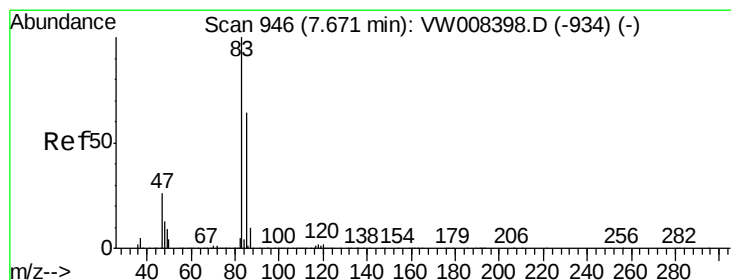
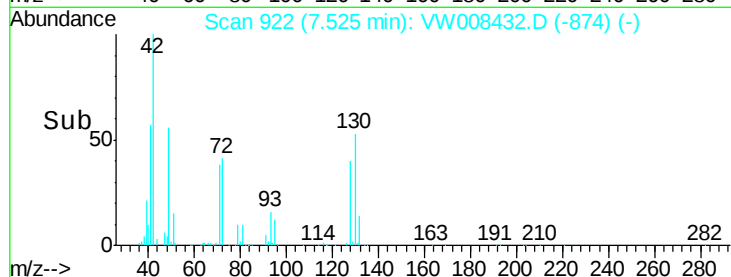
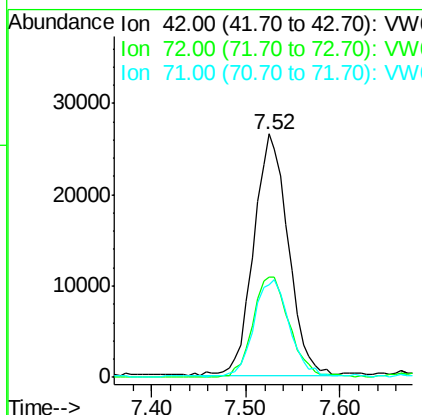
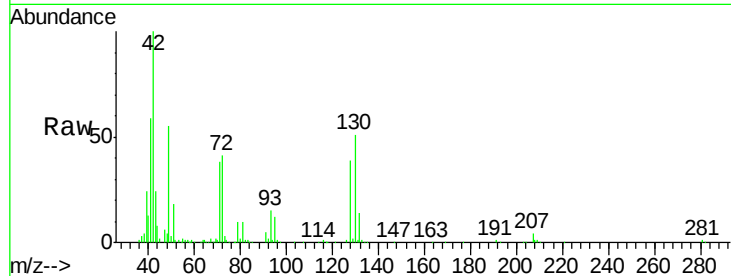
#29
Tetrahydrofuran
Concen: 74.061 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	31.9	47.9
71	42.2	29.9	44.9

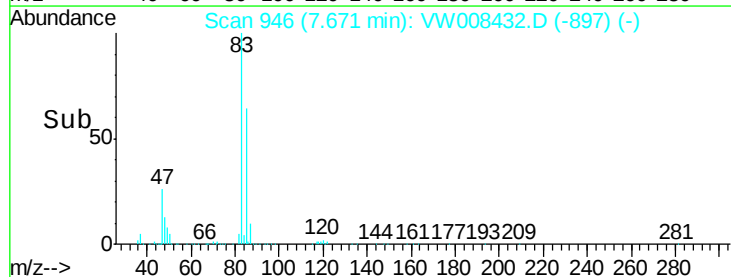
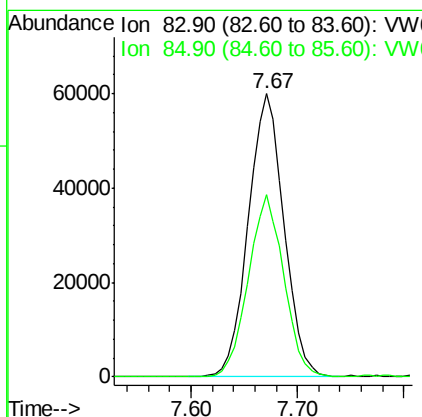
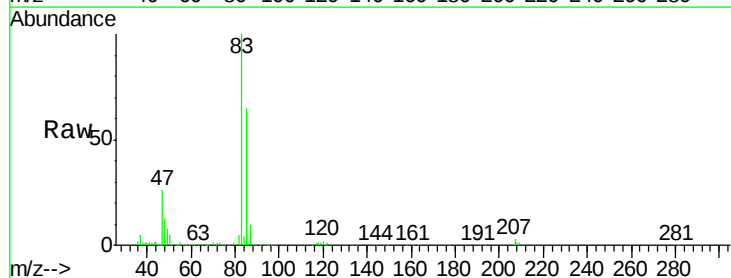
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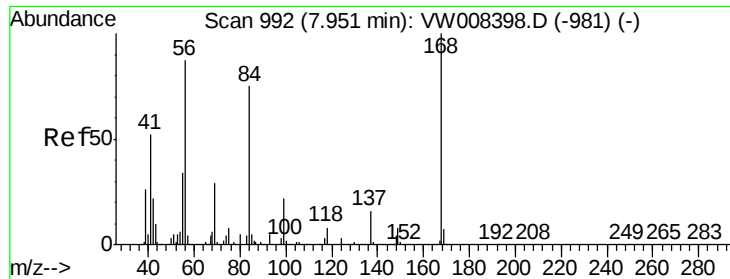
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#30
Chloroform
Concen: 16.204 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.9	76.3





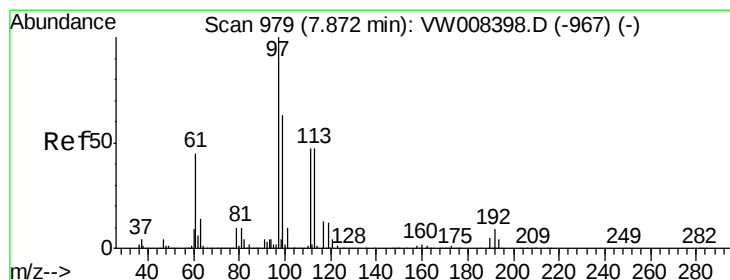
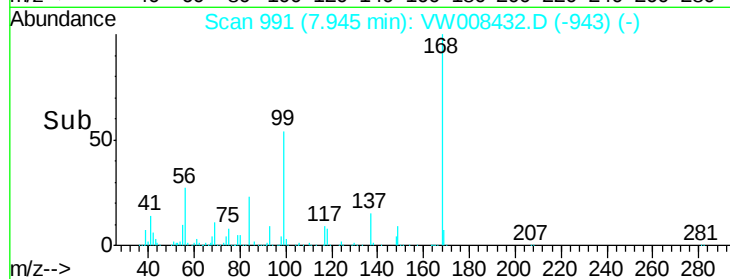
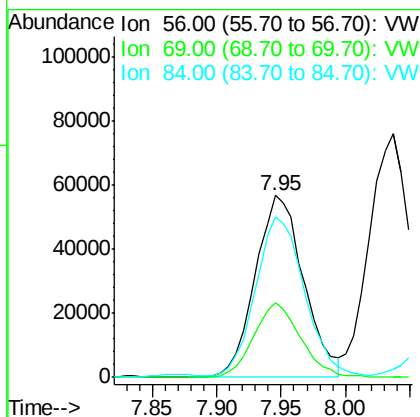
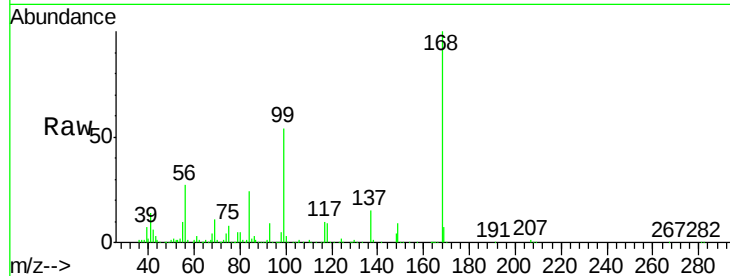
#31
Cyclohexane
Concen: 16.158 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	40.8	26.4	39.6#
84	87.4	69.1	103.7

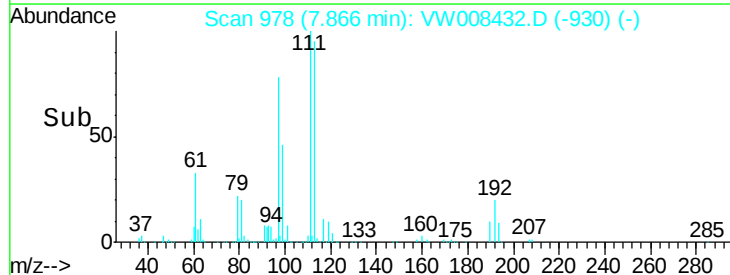
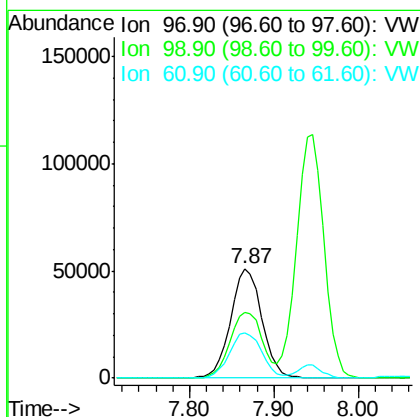
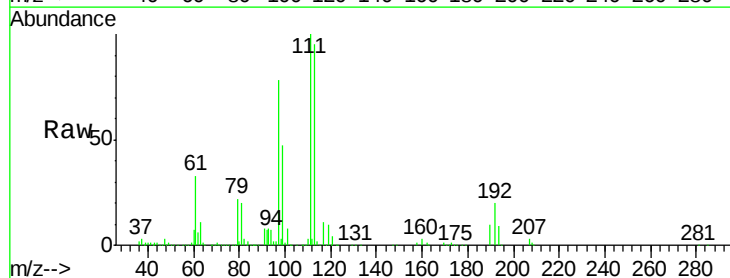
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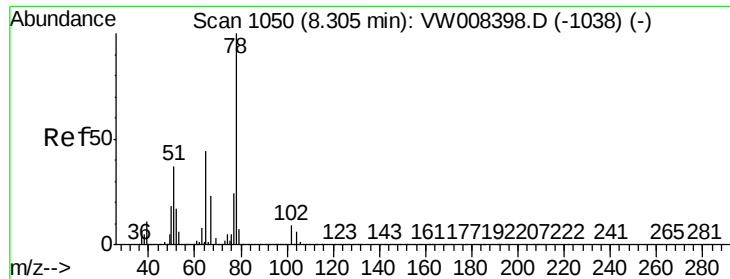
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#32
1,1,1-Trichloroethane
Concen: 17.146 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.9	51.3	76.9
61	43.3	36.2	54.4





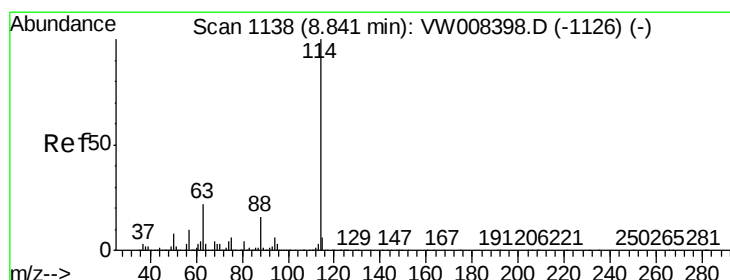
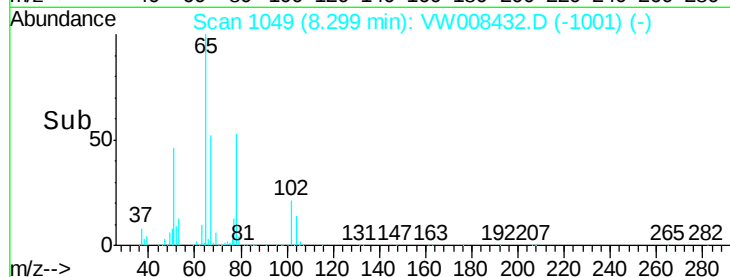
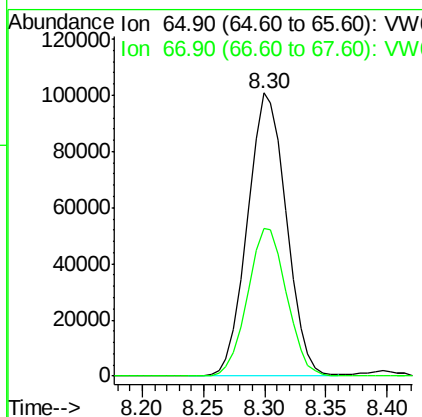
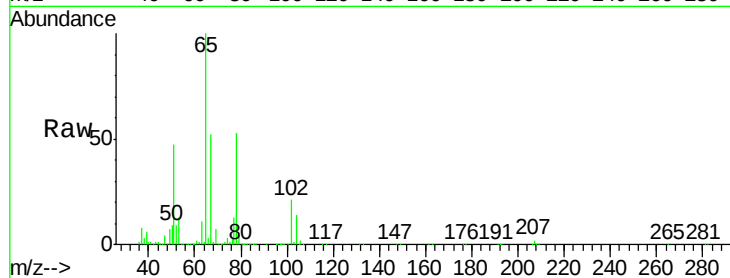
#33
 1,2-Dichloroethane-d4
 Concen: 48.163 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	223148		
67	52.7	0.0	104.0	

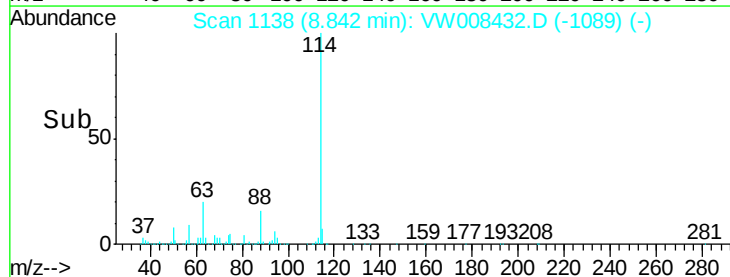
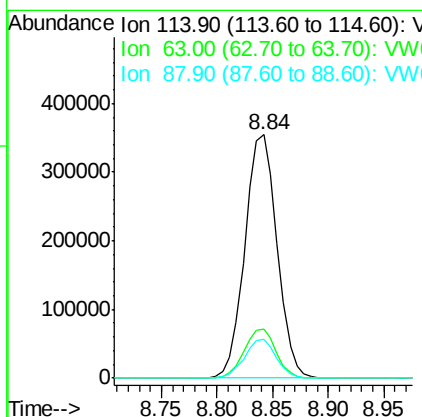
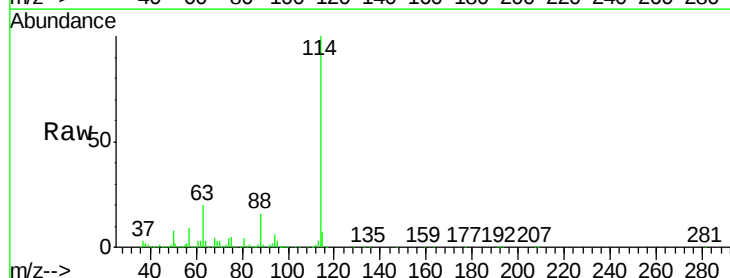
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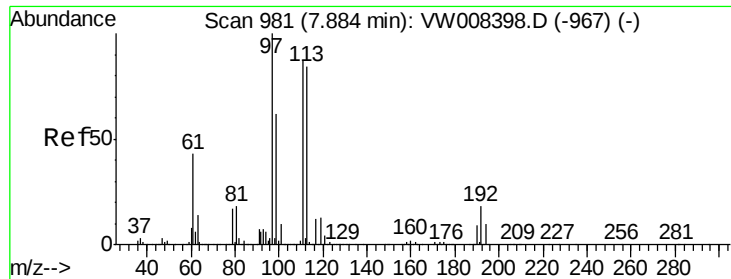
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	712099		
63	20.1	0.0	43.6	
88	15.8	0.0	31.8	





#35

Dibromofluoromethane

Concen: 53.331 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

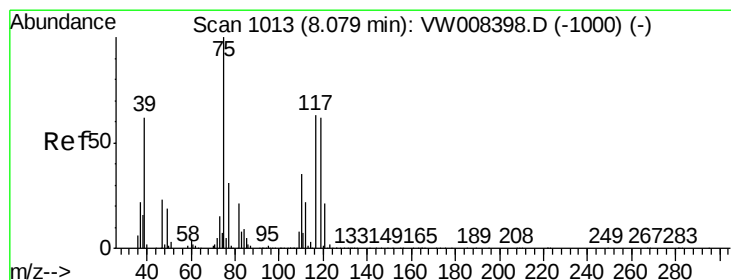
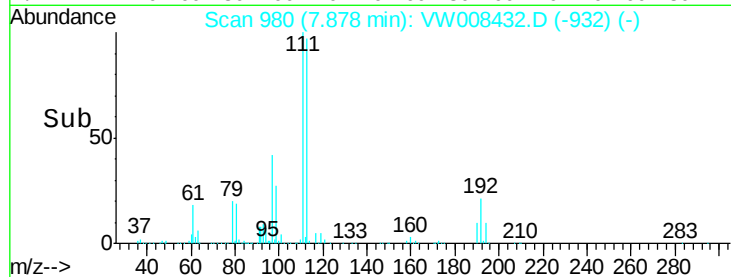
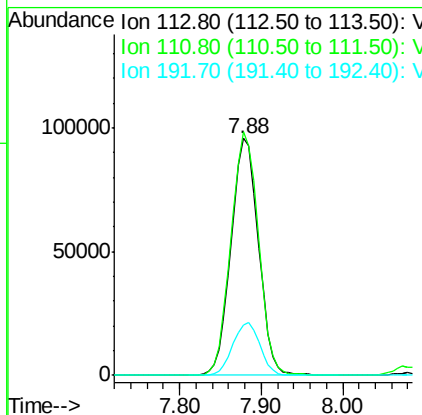
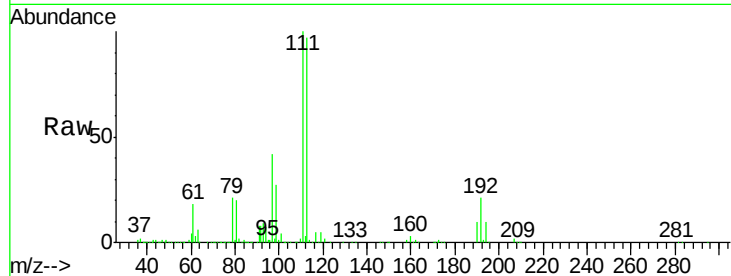
ClientSampleId :

VW0128SBS01

Tot Ion:	113	Resp:	222066
Ion Ratio		Lower	Upper
113	100		
111	103.2	81.0	121.4
192	22.0	16.8	25.2

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#36

1,1-Dichloropropene

Concen: 17.693 ug/l

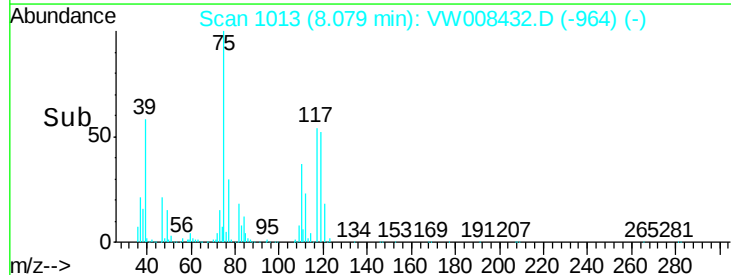
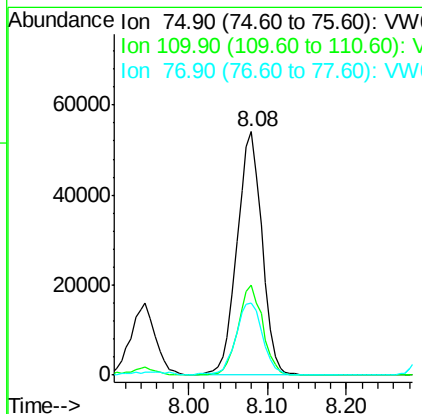
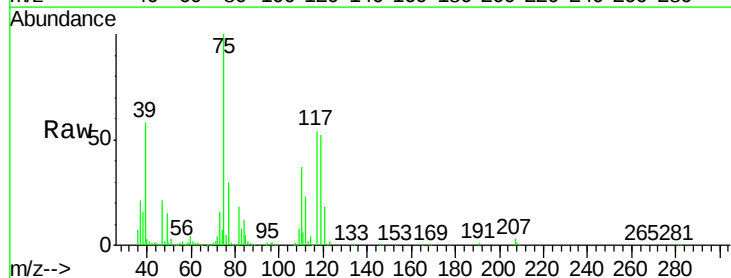
RT: 8.08 min Scan# 1013

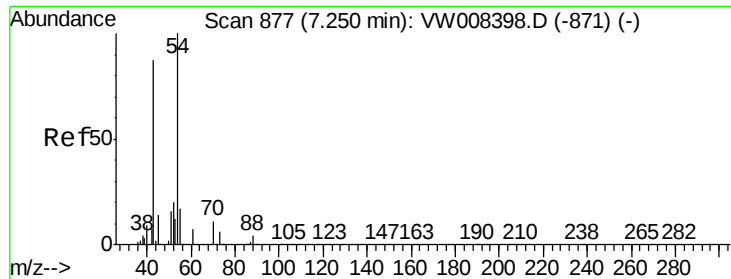
Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	75	Resp:	119011
Ion Ratio		Lower	Upper
75	100		
110	36.5	17.3	52.0
77	31.2	24.7	37.1





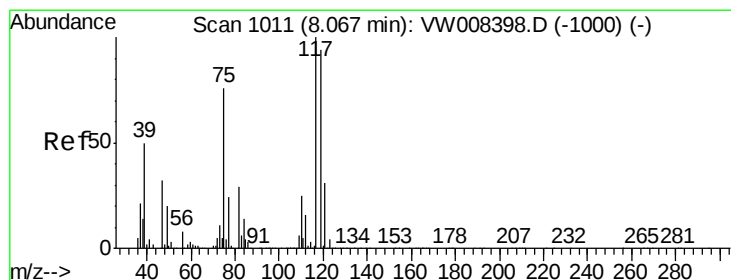
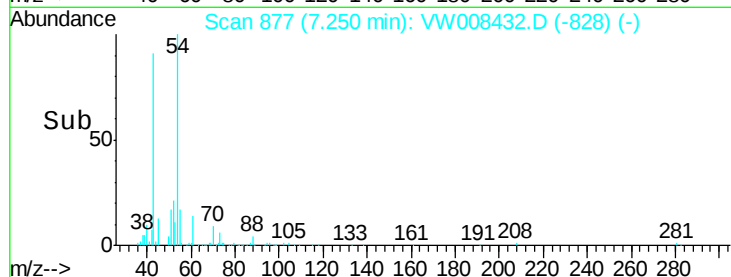
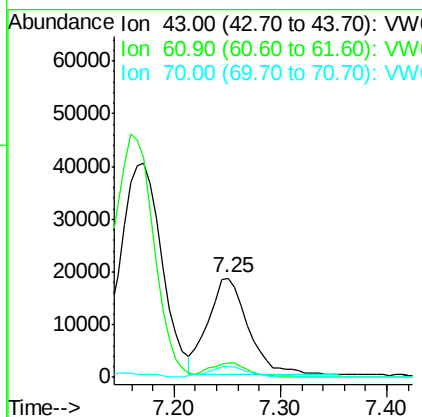
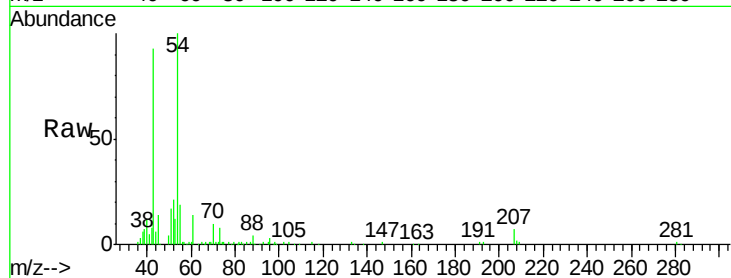
#37
Ethyl Acetate
Concen: 15.965 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.1	15.1
70	10.5	7.8	11.6

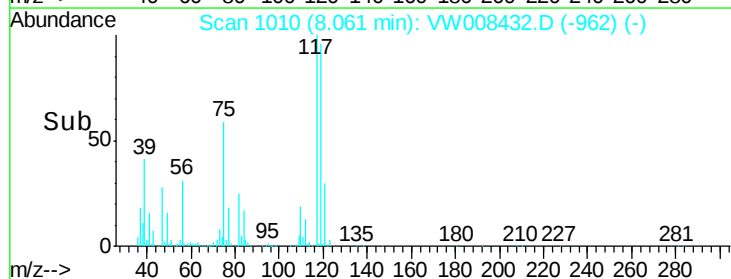
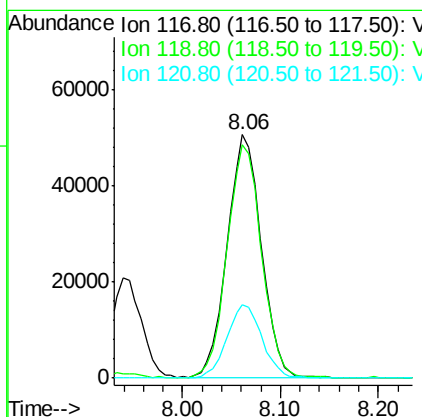
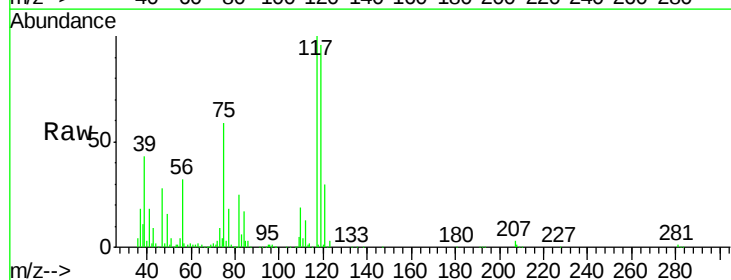
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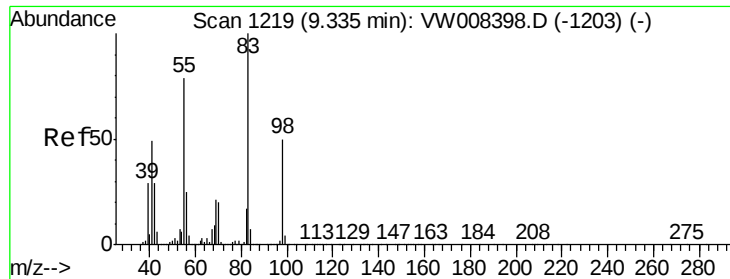
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#38
Carbon Tetrachloride
Concen: 18.153 ug/l
RT: 8.06 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.0	112.4
121	30.3	24.9	37.3





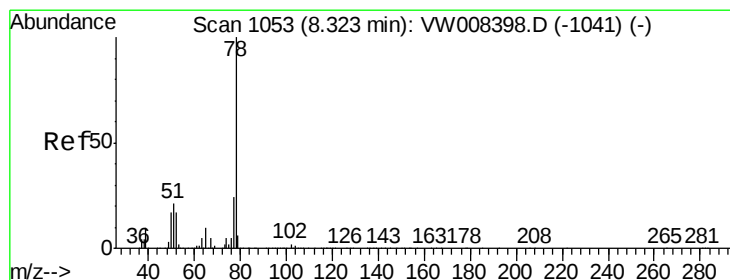
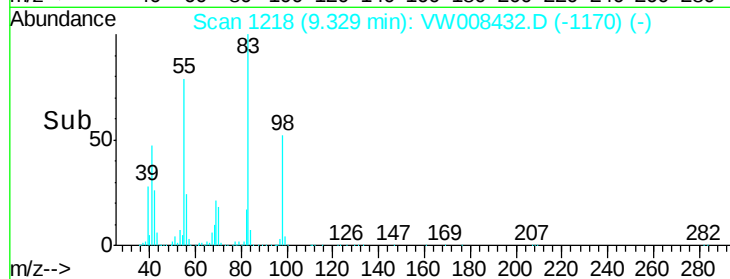
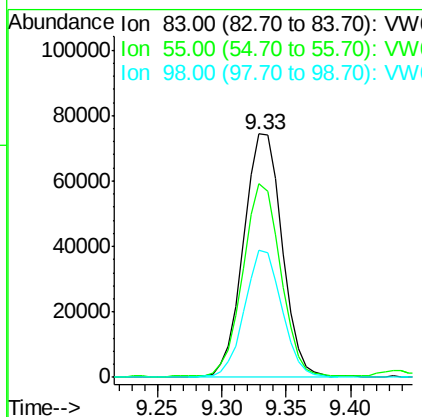
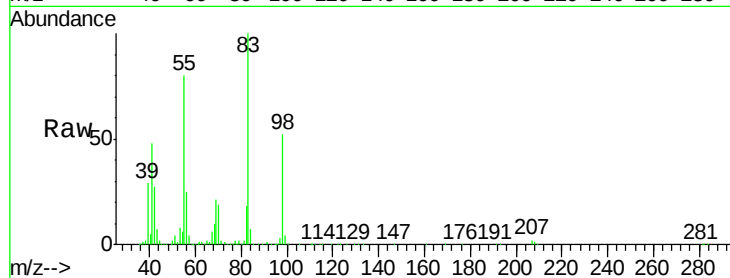
#39
Methvlcvclohexane
Concen: 17.381 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	153585		
55	79.2		63.3	94.9
98	52.3		39.7	59.5

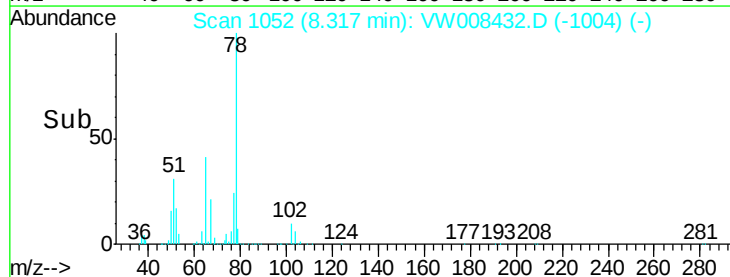
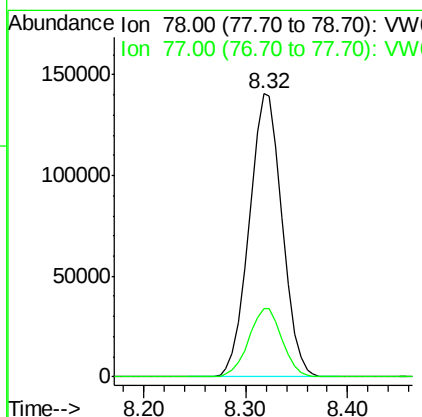
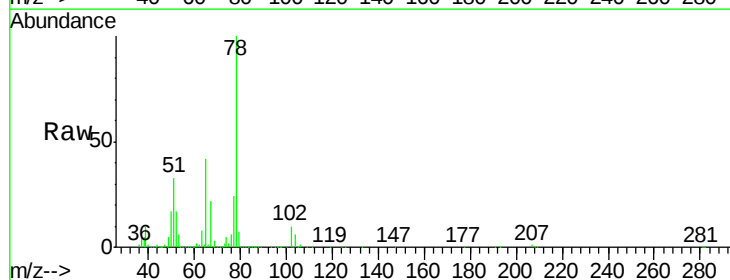
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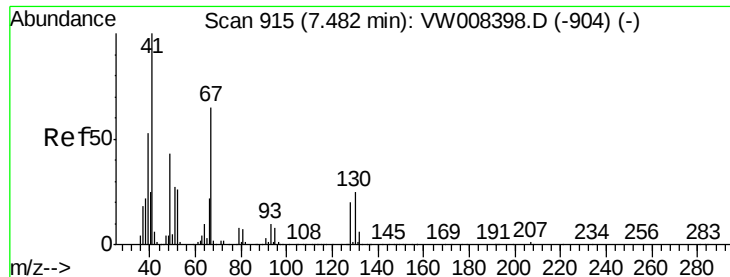
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#40
Benzene
Concen: 16.915 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	315728		
77	24.1		19.0	28.6





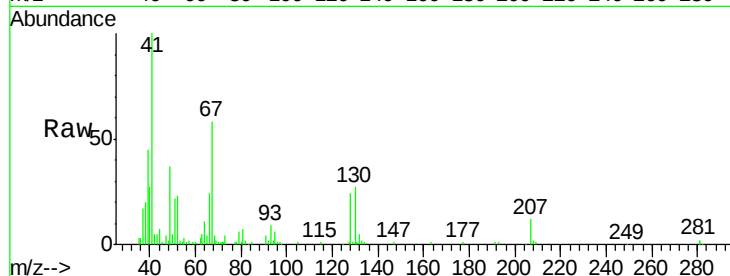
#41
Methacrylonitrile
Concen: 17.217 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

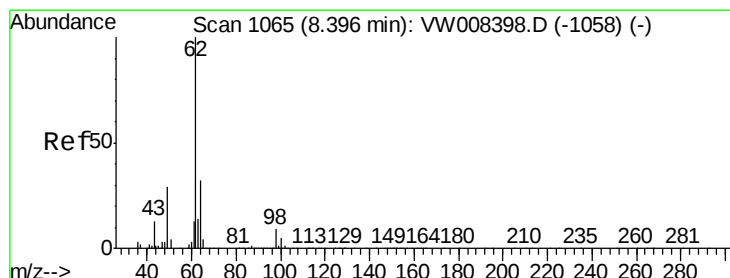
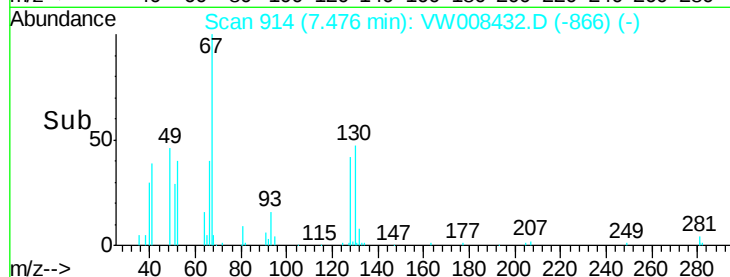
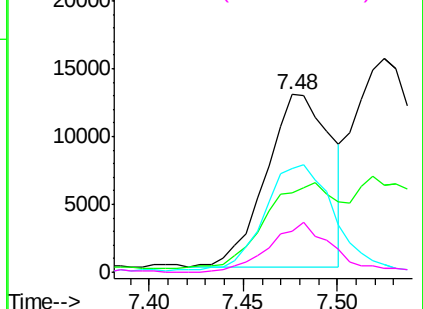
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		30339		
39	58.7	43.4	65.0		
67	65.1	54.2	81.2		
52	28.0	22.9	34.3		

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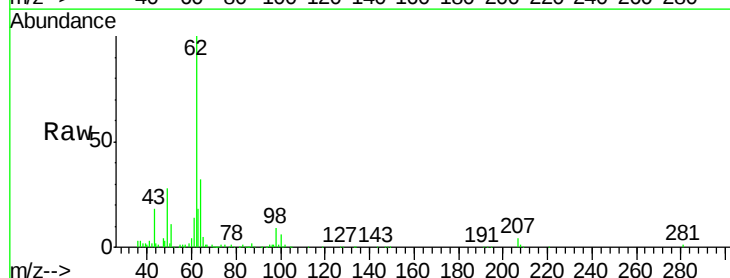


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

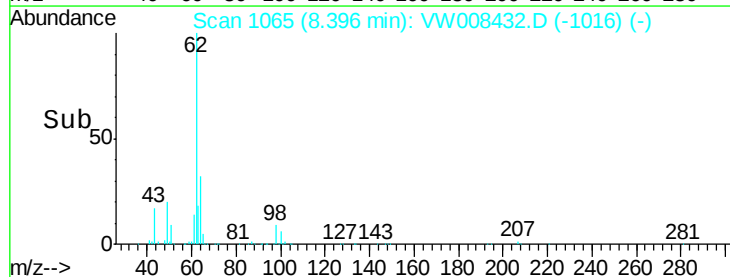
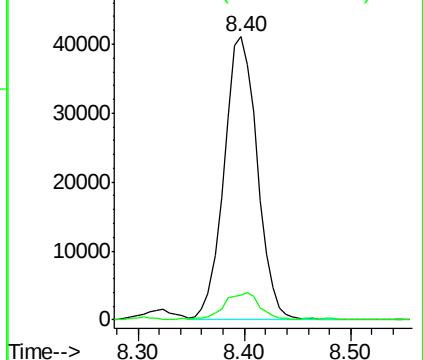


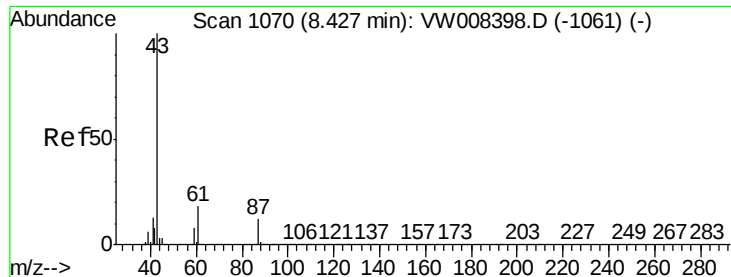
#42
1,2-Dichloroethane
Concen: 16.640 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		90006		
98	10.0	0.0	18.6		



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





#43

Isopropyl Acetate

Concen: 16.342 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

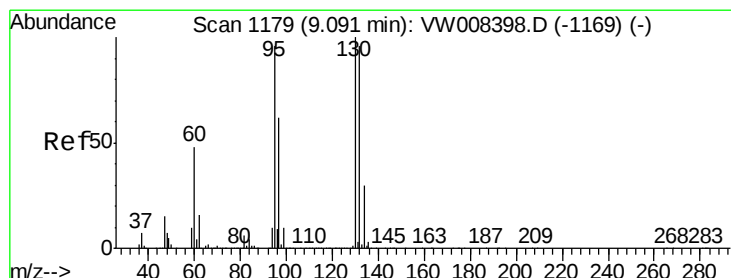
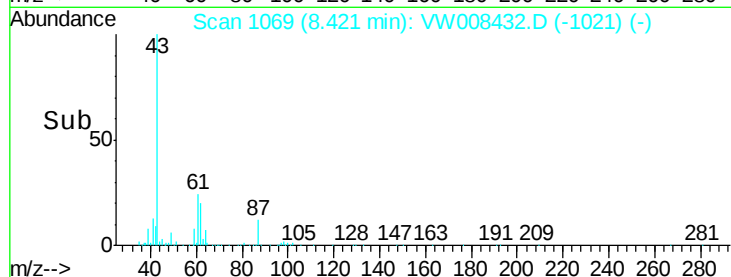
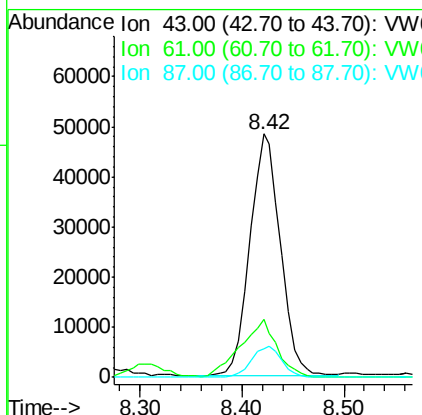
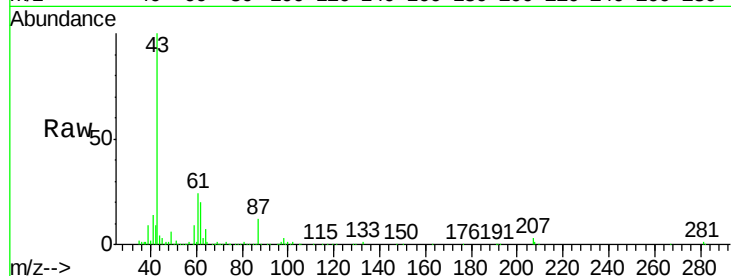
ClientSampleId :

VW0128SBS01

Tot Ion:	43	Resp:	101037
Ion Ratio		Lower	Upper
43	100		
61	28.7	22.0	33.0
87	12.8	9.3	13.9

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#44

Trichloroethene

Concen: 18.197 ug/l

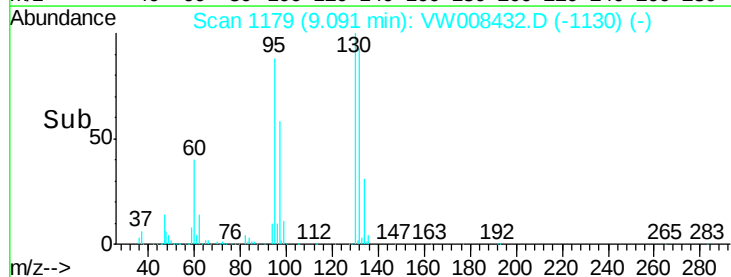
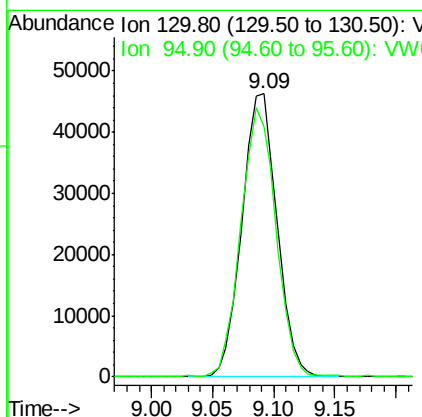
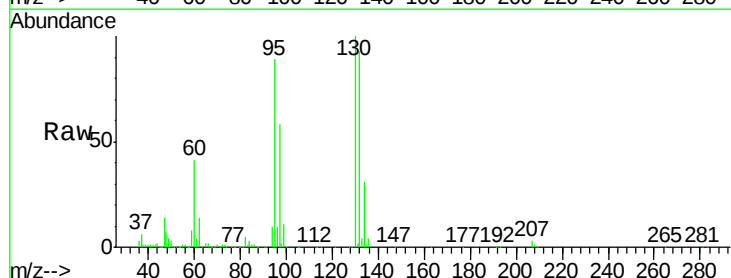
RT: 9.09 min Scan# 1179

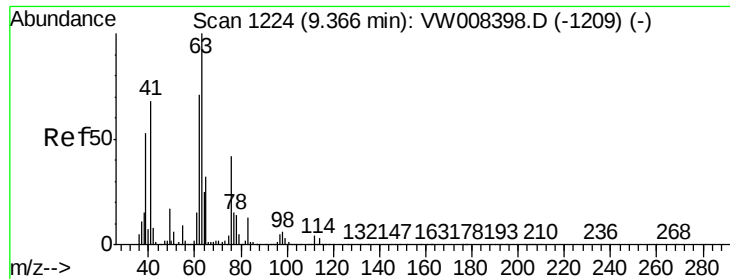
Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	130	Resp:	92365
Ion Ratio		Lower	Upper
130	100		
95	88.1	0.0	191.6





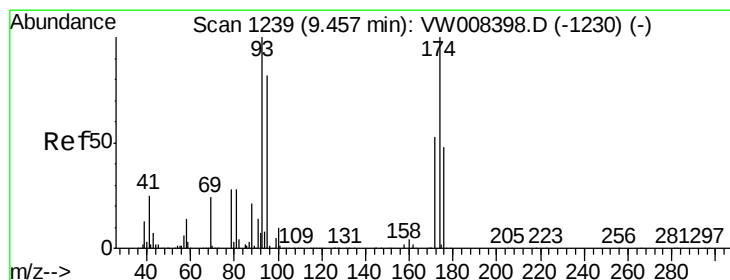
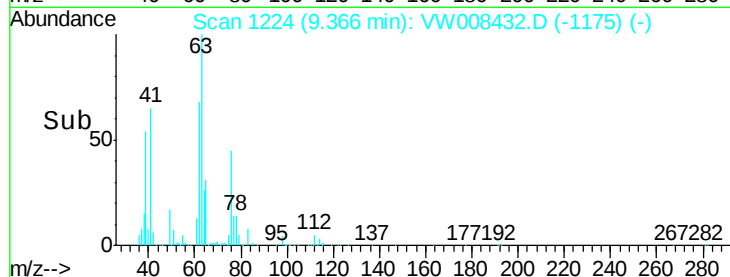
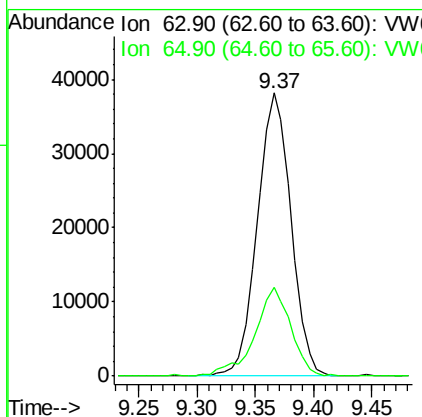
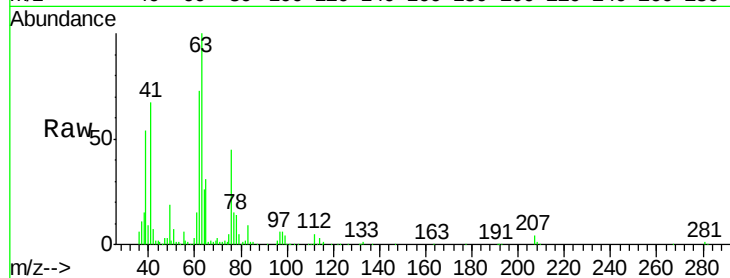
#45
 1,2-Dichloropropane
 Concen: 16.559 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion: 63 Resp: 77064
 Ion Ratio Lower Upper
 63 100
 65 31.1 25.2 37.8

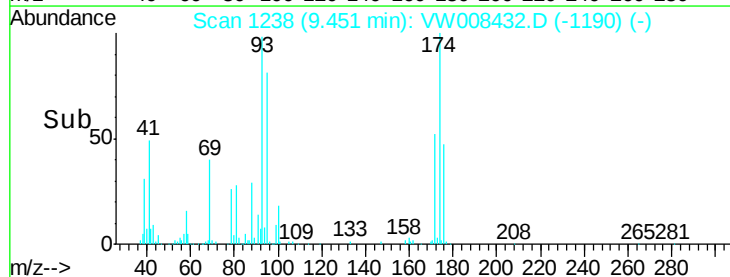
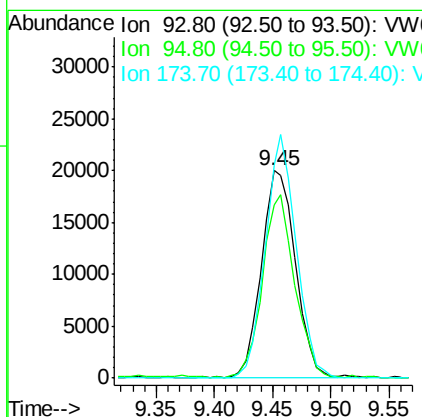
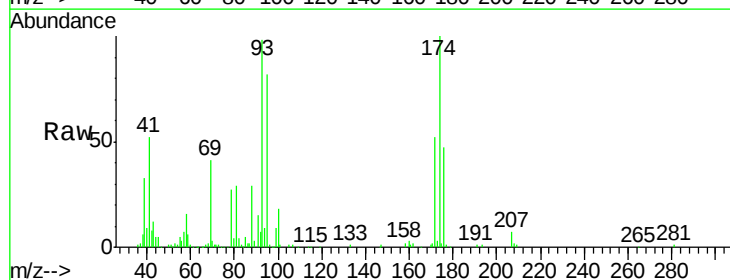
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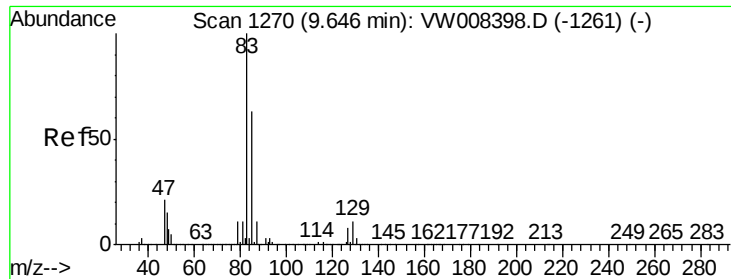
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#46
 Dibromomethane
 Concen: 17.039 ug/l
 RT: 9.45 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion: 93 Resp: 40787
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.9 98.9
 174 106.3 81.0 121.6





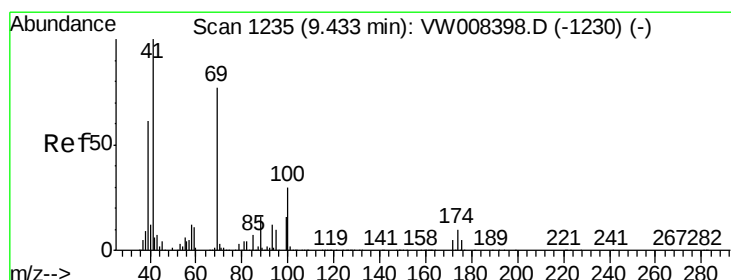
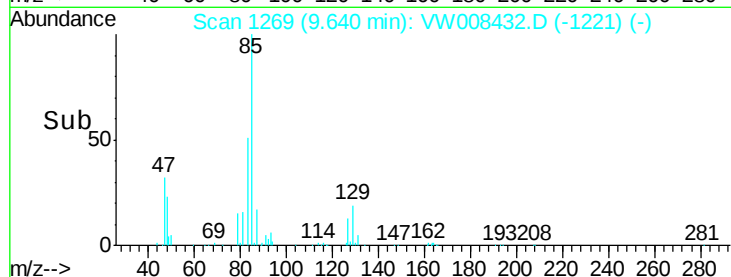
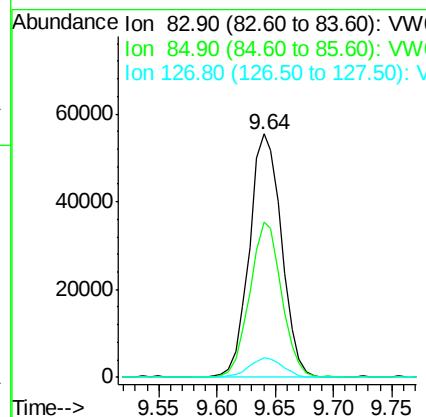
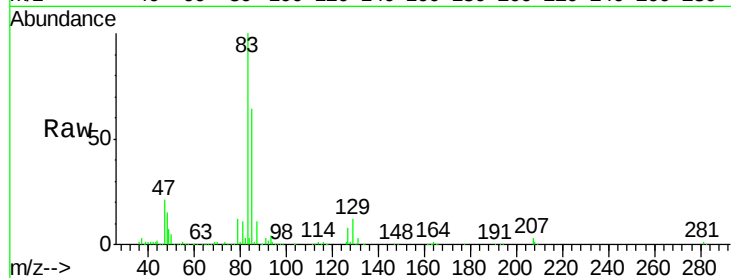
#47
Bromodichloromethane
Concen: 16.828 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	106546		
85	63.7		50.8	76.2
127	8.2		6.8	10.2

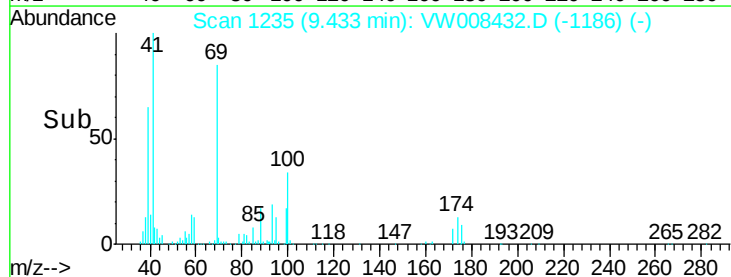
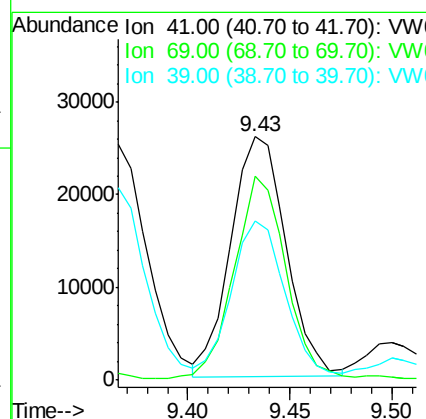
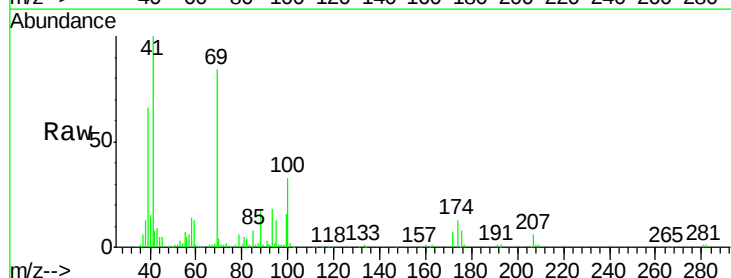
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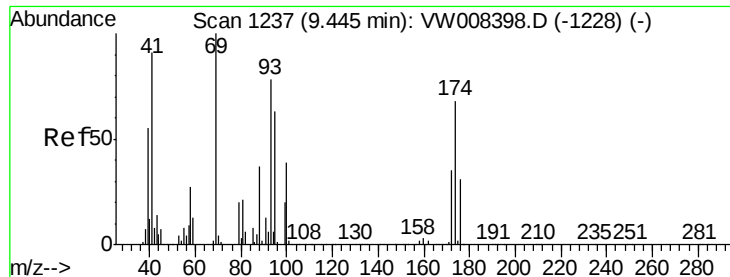
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#48
Methyl methacrylate
Concen: 16.117 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	48724		
69	78.4		64.8	97.2
39	63.5		49.1	73.7





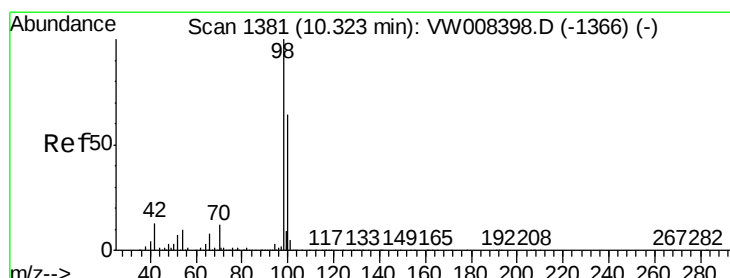
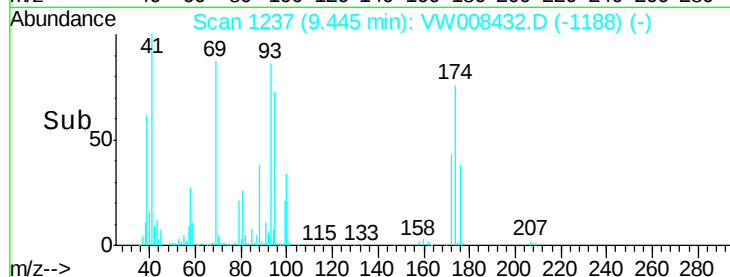
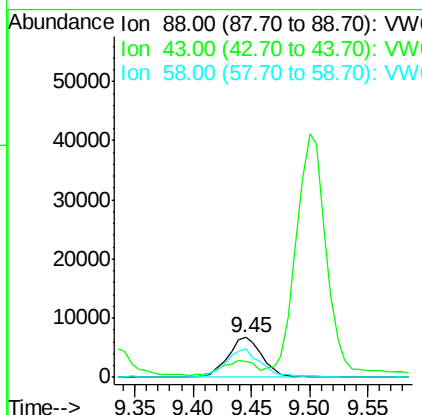
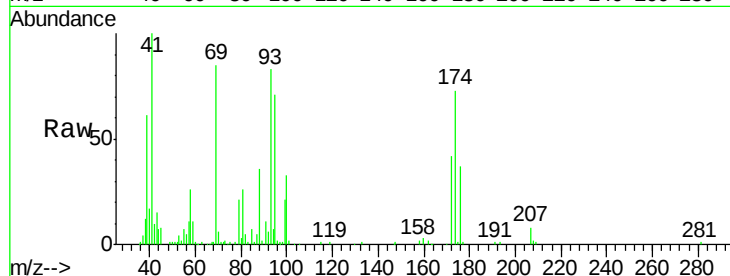
#49
1,4-Dioxane
Concen: 342.550 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.0	43.4
58	76.4	56.4	84.6

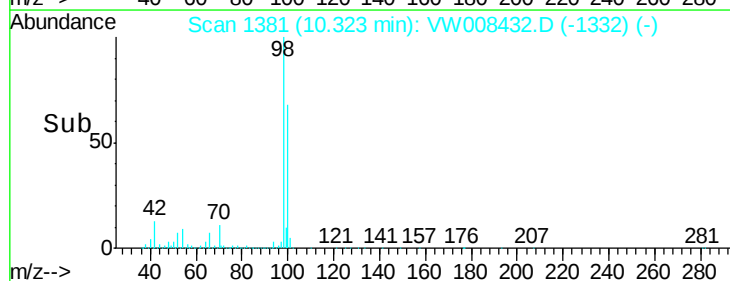
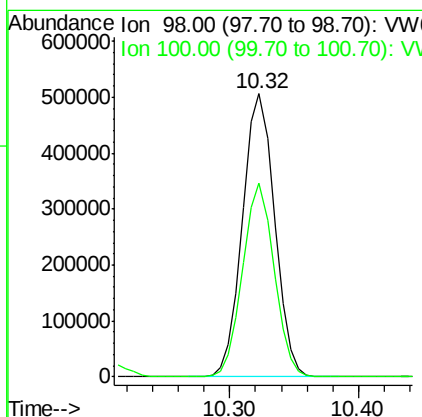
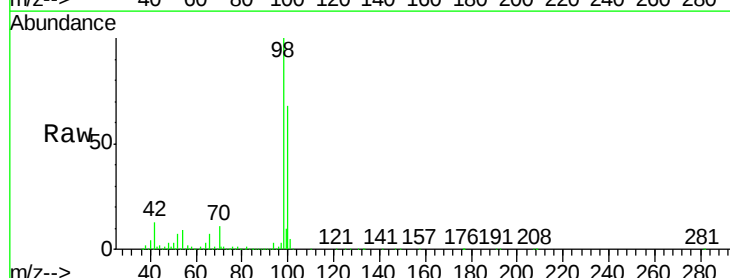
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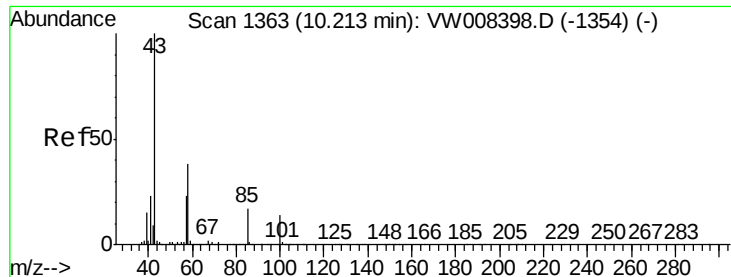
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#50
Toluene-d8
Concen: 52.341 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 77.576 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 43 Resp: 236954

Ion Ratio Lower Upper

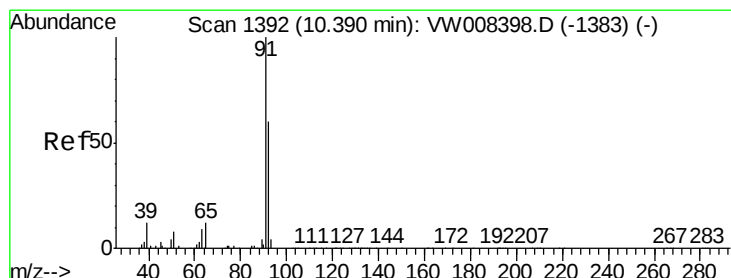
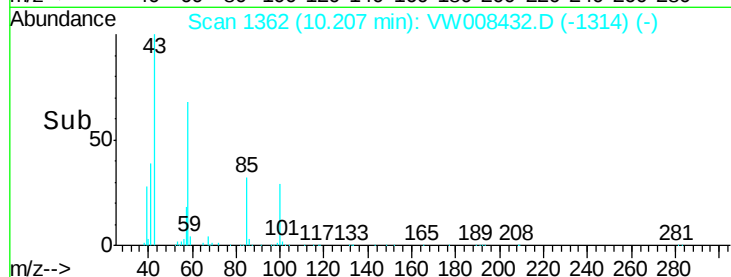
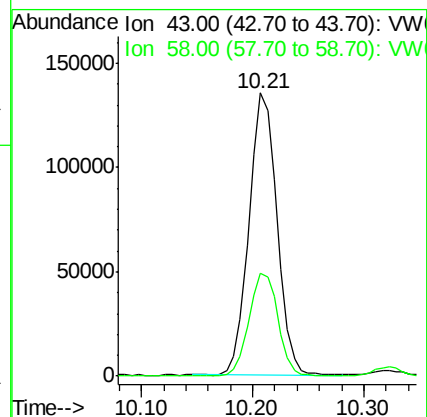
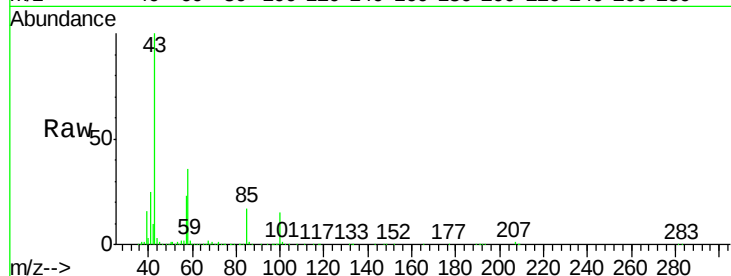
43 100

58 38.0 29.7 44.5

Manual Integrations
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#52

Toluene

Concen: 17.107 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW008432.D

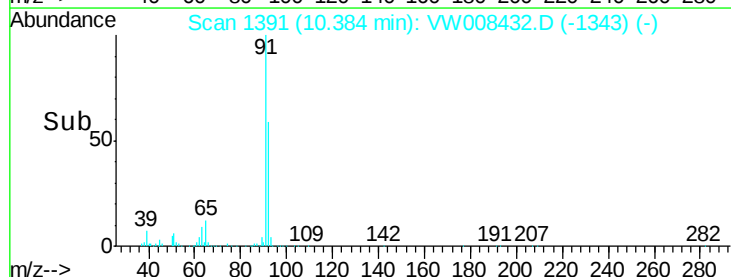
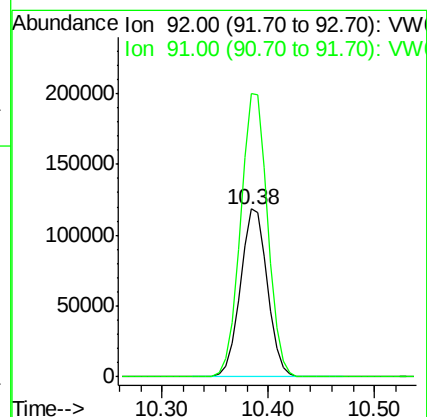
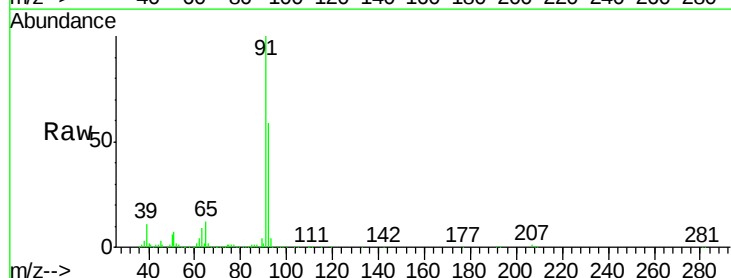
Acq: 28 Jan 2019 11:54

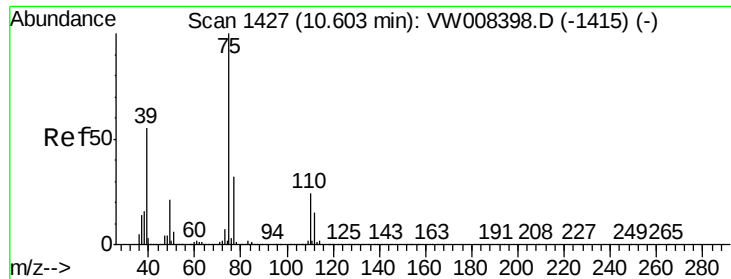
Tgt Ion: 92 Resp: 210777

Ion Ratio Lower Upper

92 100

91 169.5 135.5 203.3





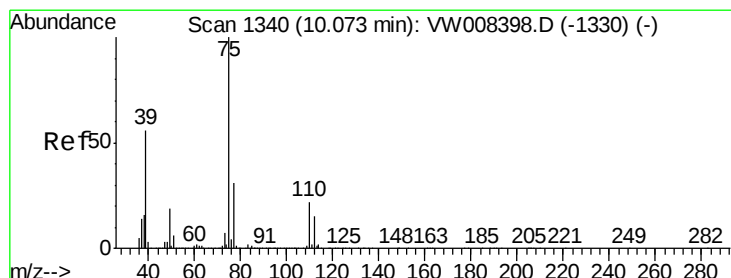
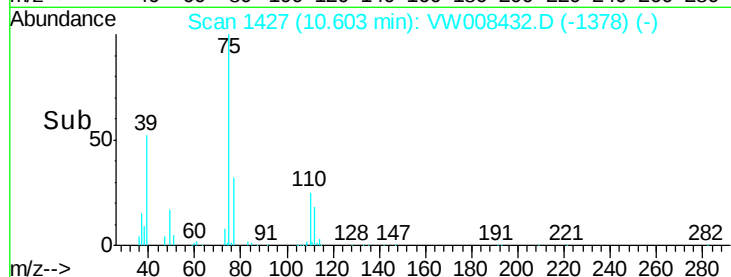
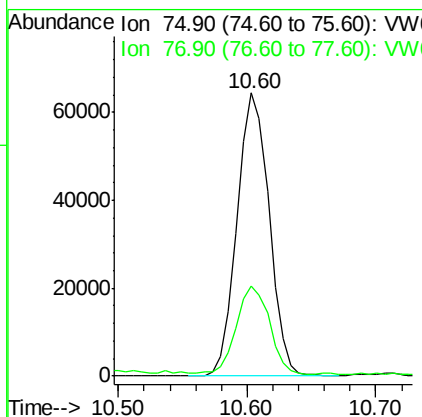
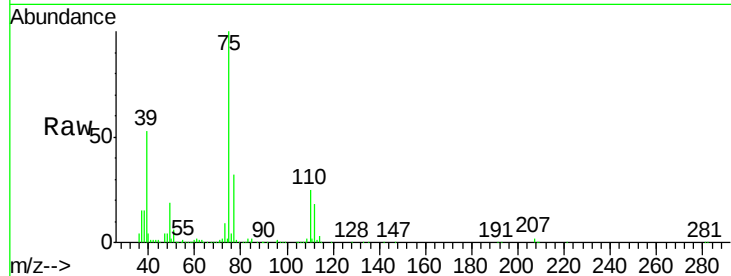
#53
t-1,3-Dichloropropene
Concen: 16.543 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion: 75 Resp: 111452
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9

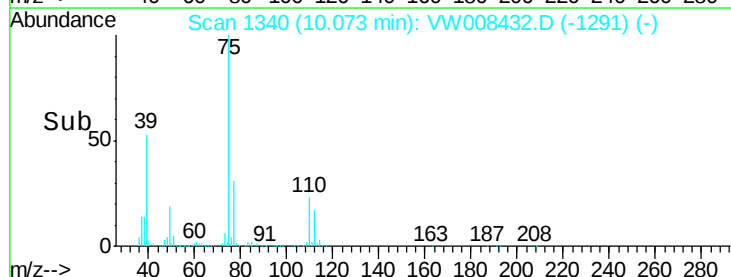
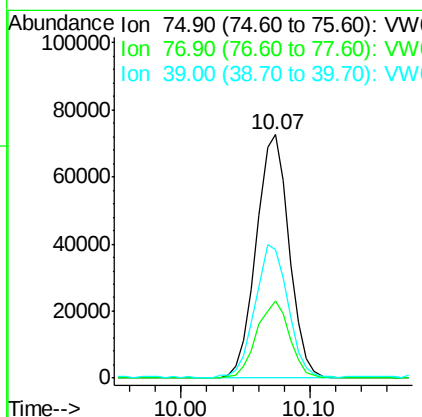
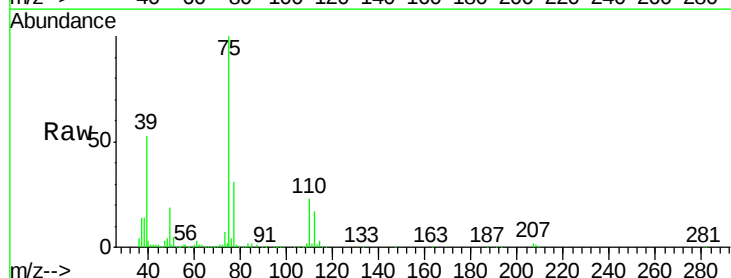
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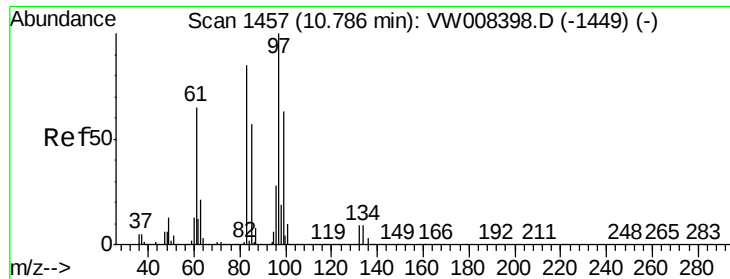
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#54
cis-1,3-Dichloropropene
Concen: 16.774 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 75 Resp: 128245
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4
39 52.6 44.9 67.3





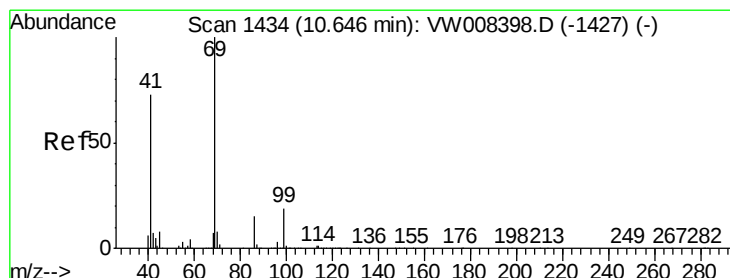
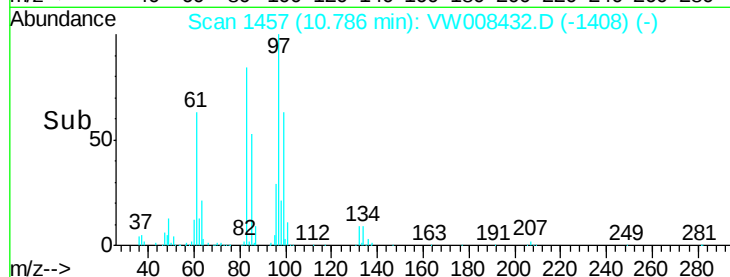
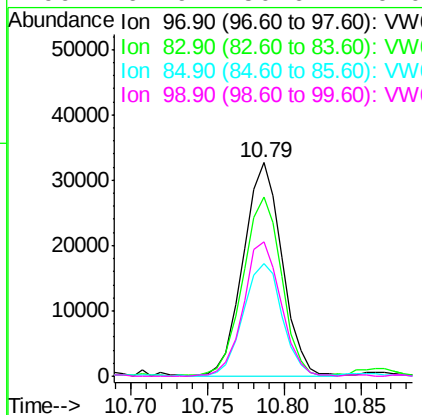
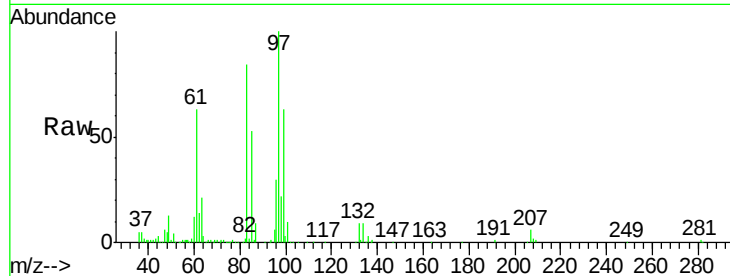
#55
 1,1,2-Trichloroethane
 Concen: 17.236 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion:	97	Resp:	57226
Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.4	102.6
85	52.8	45.3	67.9
99	62.9	50.6	76.0

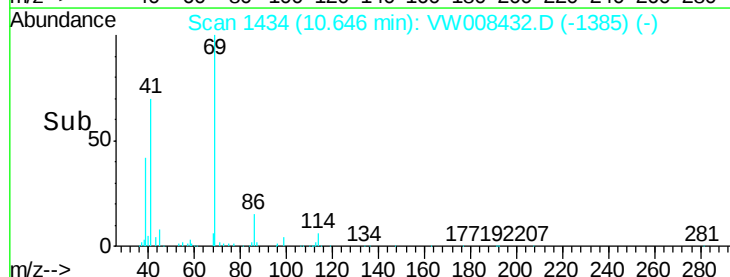
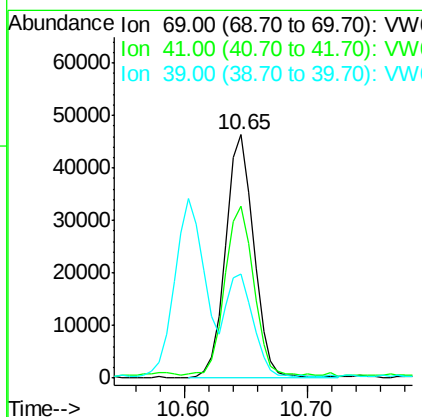
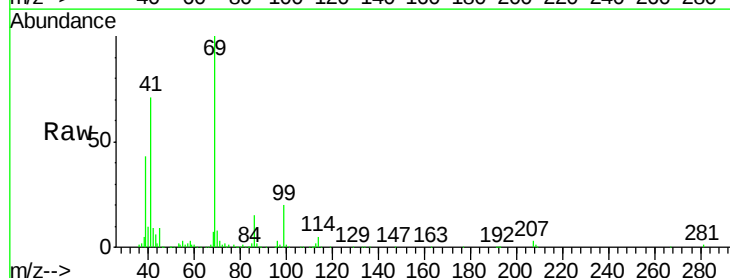
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#56
 Ethyl methacrylate
 Concen: 15.782 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion:	69	Resp:	73425
Ion	Ratio	Lower	Upper
69	100		
41	71.4	58.7	88.1
39	40.5	32.6	48.8





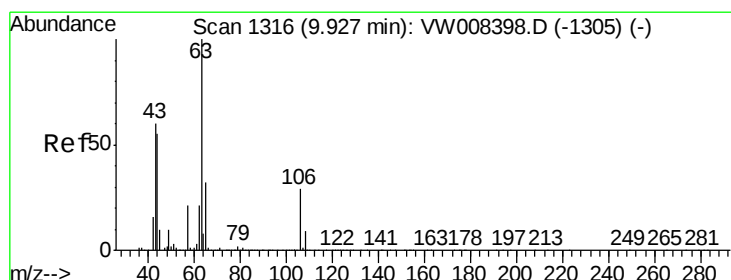
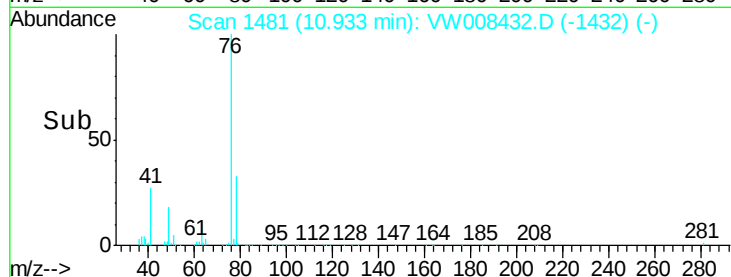
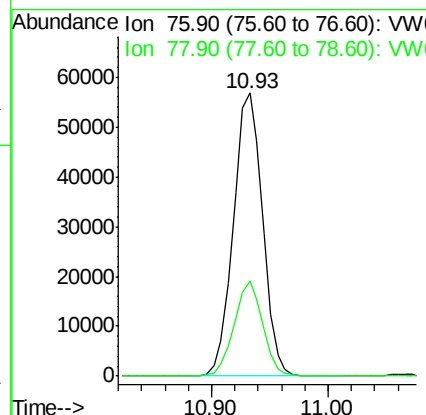
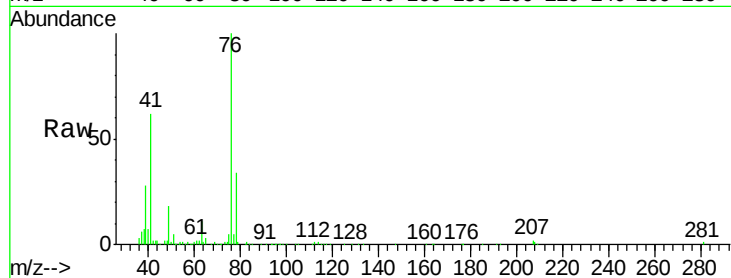
#57
 1,3-Dichloropropane
 Concen: 16.667 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion: 76 Resp: 99136
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.8

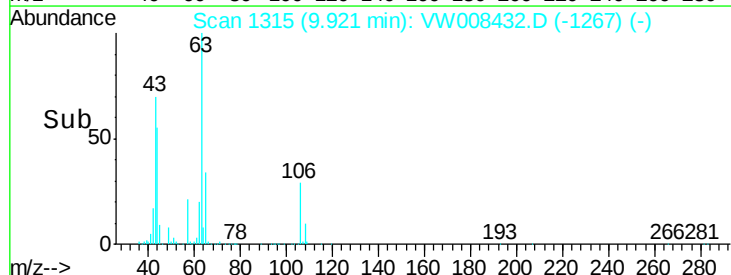
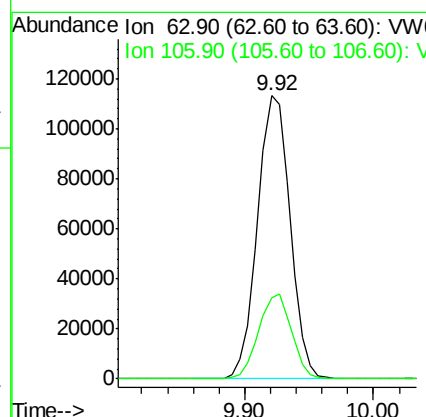
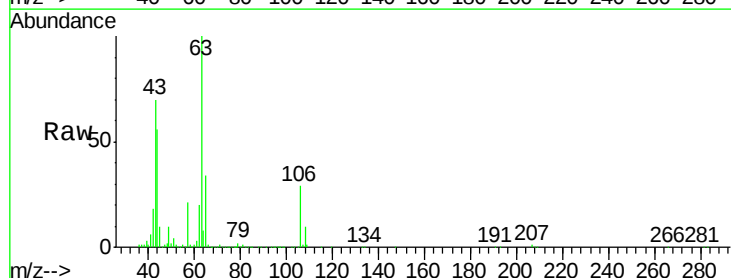
Manual Integrations
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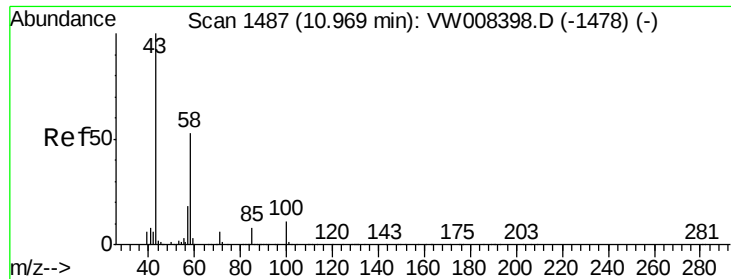
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#58
 2-Chloroethyl Vinyl ether
 Concen: 87.660 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion: 63 Resp: 198150
 Ion Ratio Lower Upper
 63 100
 106 30.0 22.4 33.6





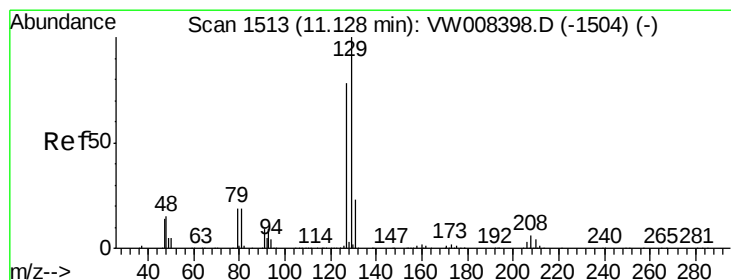
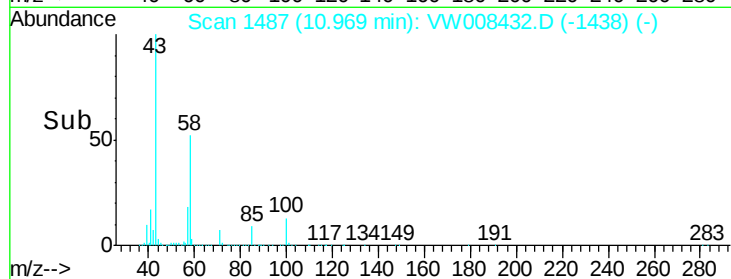
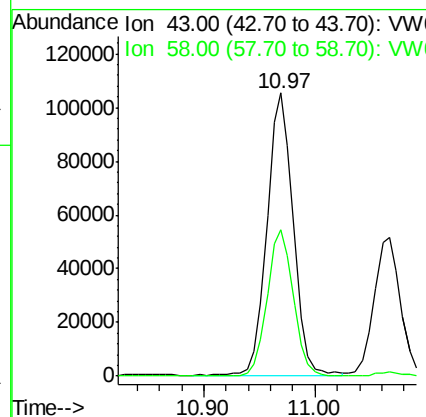
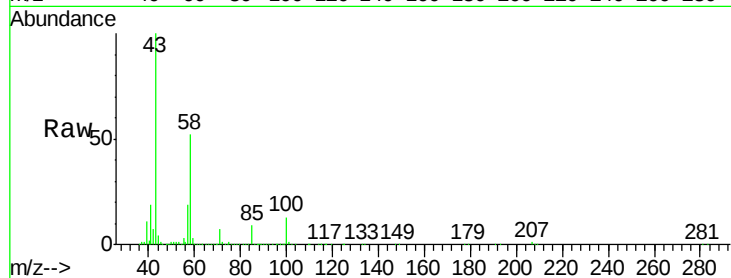
#59
2-Hexanone
Concen: 79.508 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion: 43 Resp: 171447
Ion Ratio Lower Upper
43 100
58 52.3 25.9 77.7

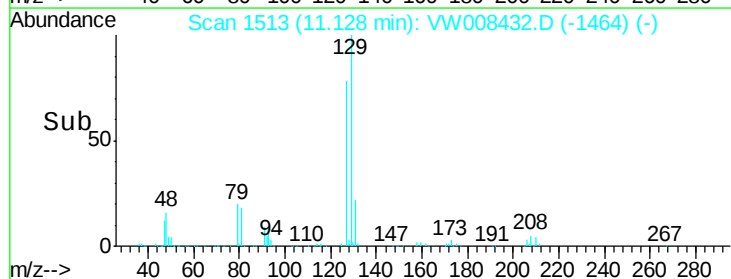
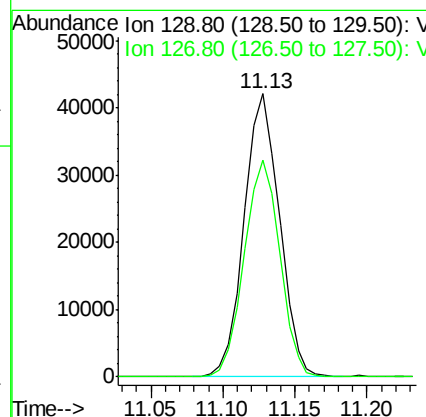
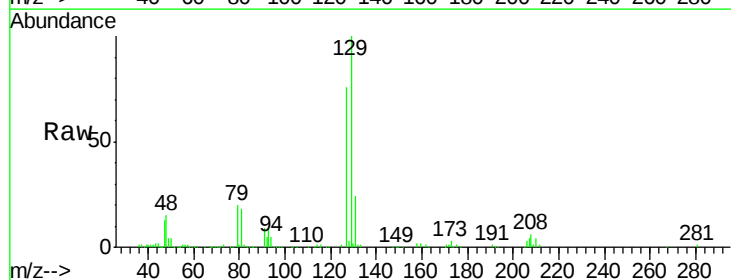
Manual Integrations
APPROVED

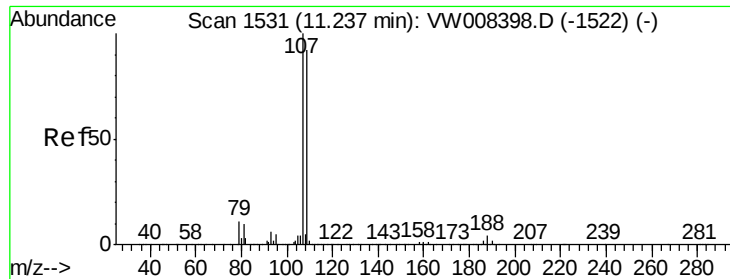
MMDadoda
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#60
Dibromochloromethane
Concen: 16.818 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 129 Resp: 71757
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.962 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 107 Resp: 55840

Ion Ratio Lower Upper

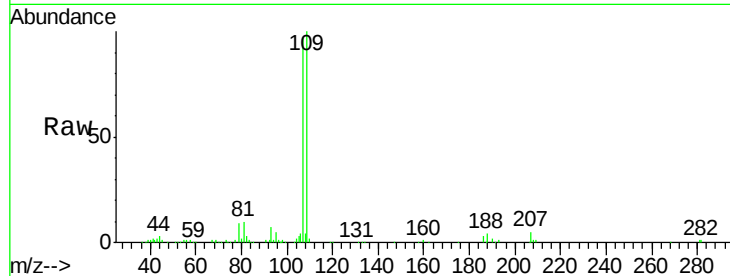
107 100

109 96.4 75.0 112.4

Manual Integrations
APPROVED

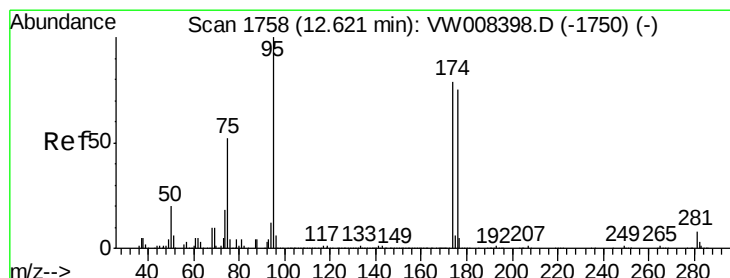
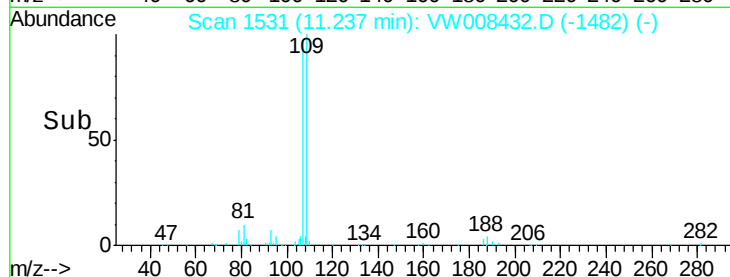
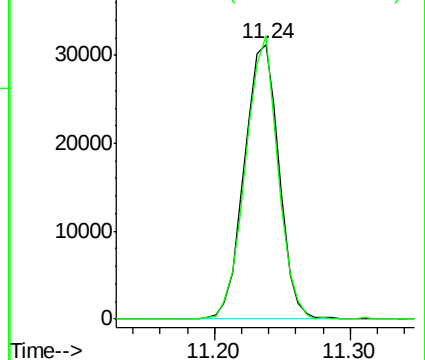
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.778 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

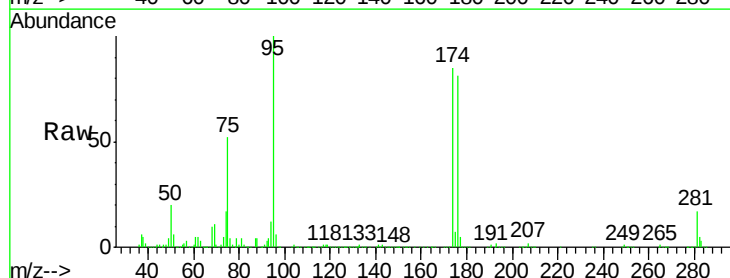
Tgt Ion: 95 Resp: 319486

Ion Ratio Lower Upper

95 100

174 81.9 0.0 157.6

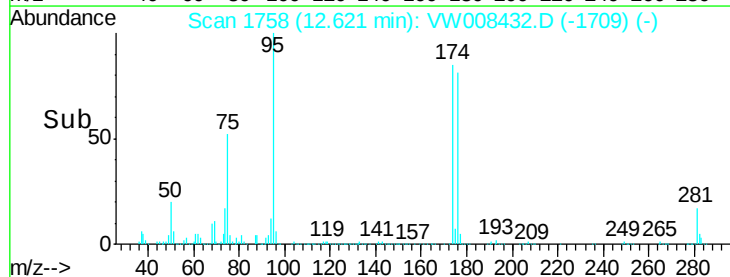
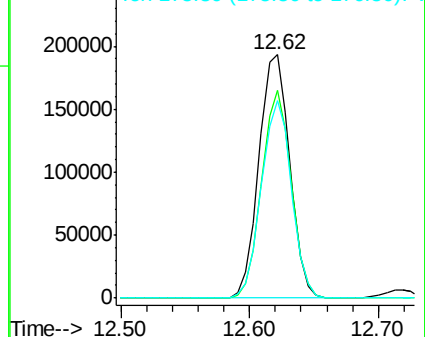
176 79.1 0.0 151.8

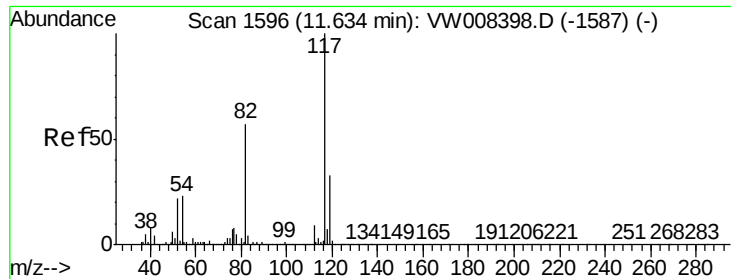


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





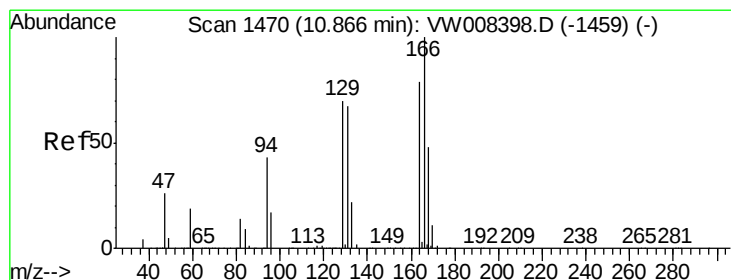
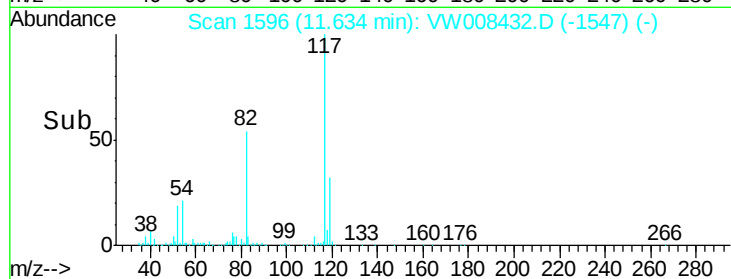
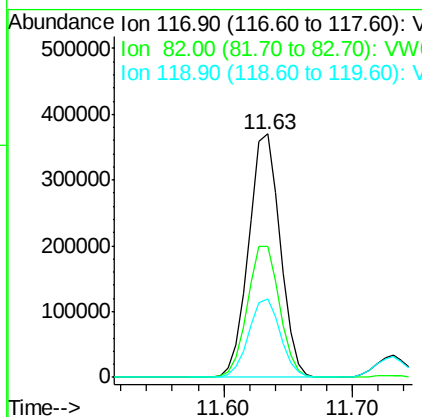
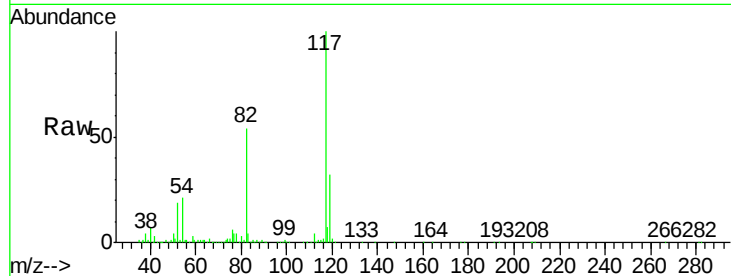
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.6	45.4	68.0
119	32.0	26.2	39.4

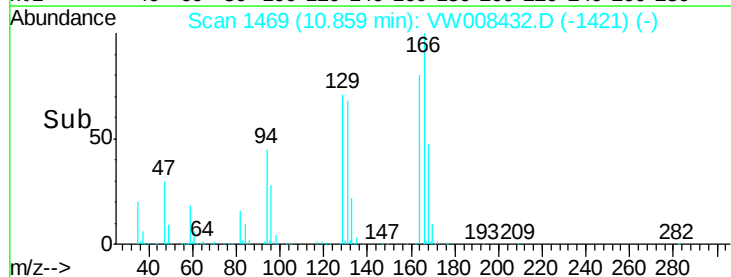
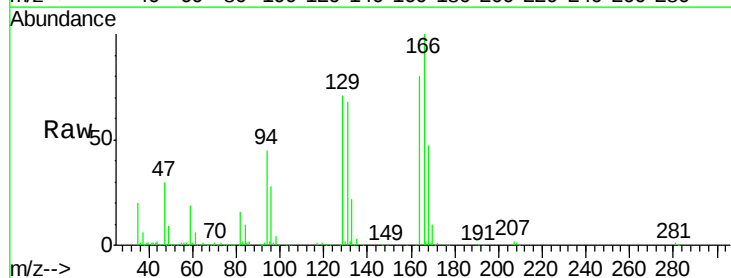
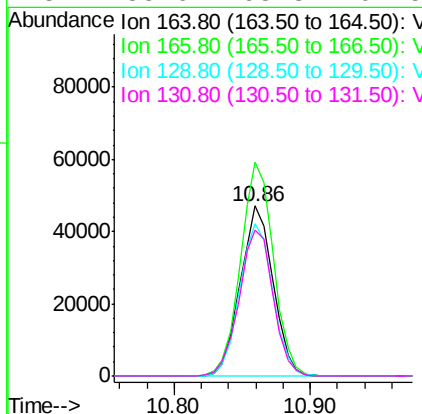
Manual Integrations
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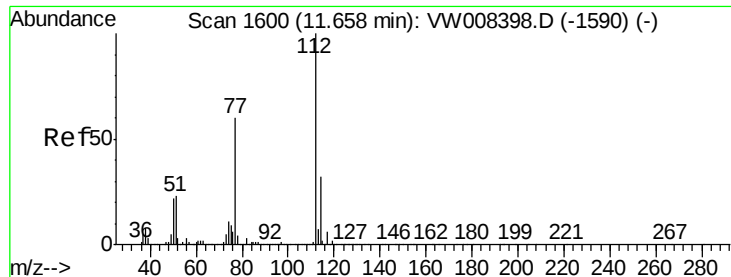
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#64
Tetrachloroethene
Concen: 18.813 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	125.7	101.4	152.0
129	89.7	71.0	106.6
131	85.6	68.3	102.5





#65

Chlorobenzene

Concen: 17.794 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion:112 Resp: 225771

Ion Ratio Lower Upper

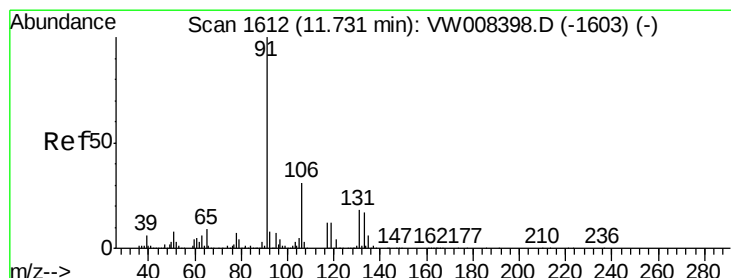
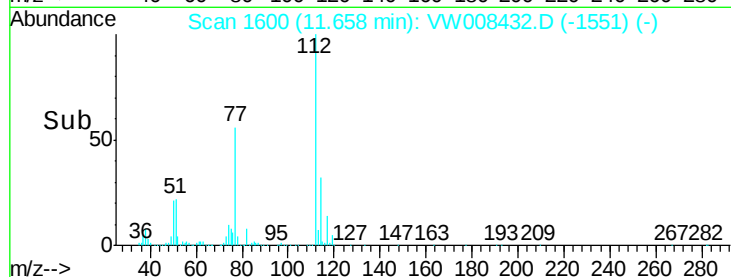
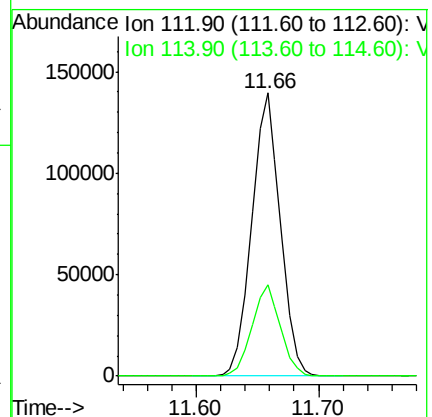
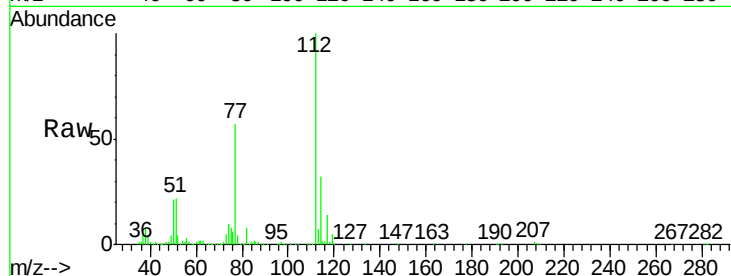
112 100

114 32.3 25.4 38.2

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 17.798 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

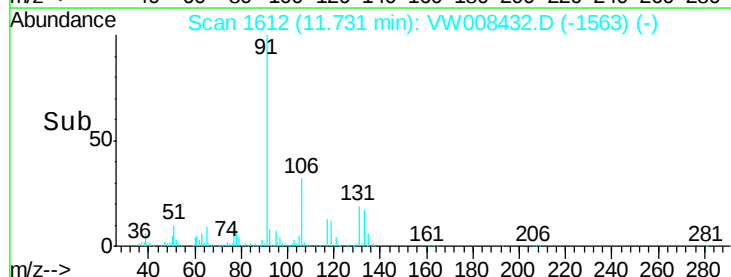
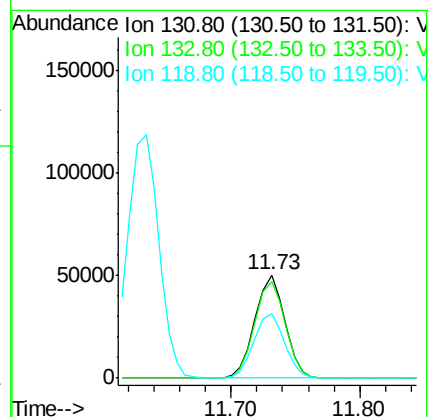
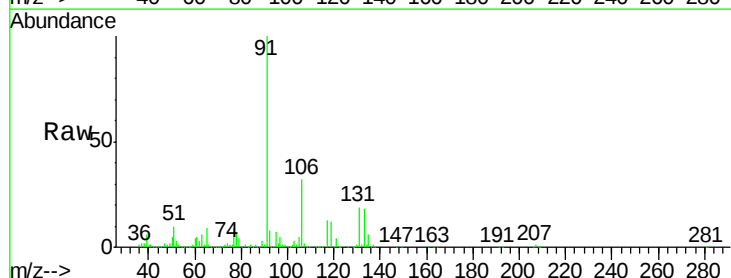
Tgt Ion:131 Resp: 80791

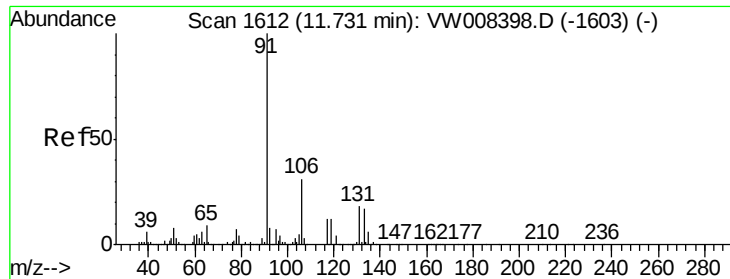
Ion Ratio Lower Upper

131 100

133 95.5 47.0 141.2

119 64.2 32.1 96.3





#67

Ethyl Benzene

Concen: 17.646 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion: 91 Resp: 411549

Ion Ratio Lower Upper

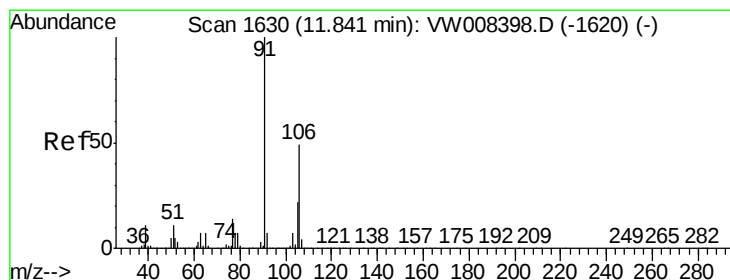
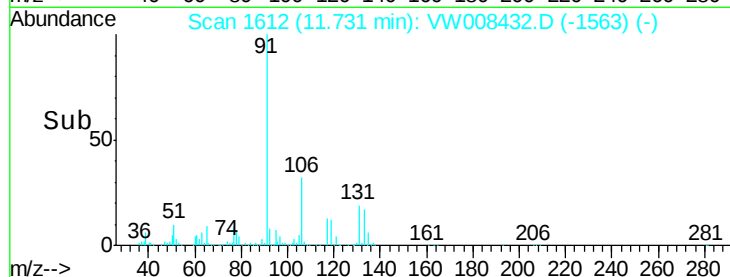
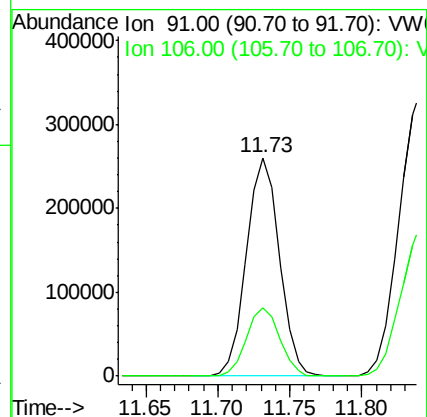
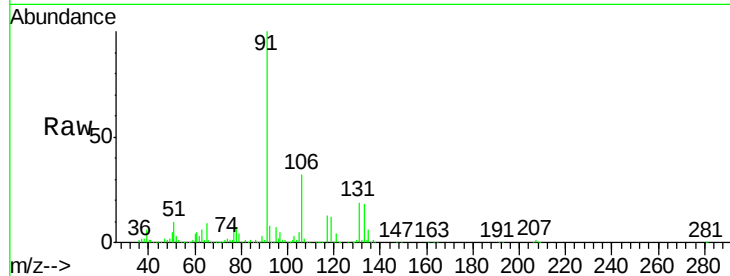
91 100

106 31.6 24.7 37.1

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#68

m/p-Xylenes

Concen: 35.412 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW008432.D

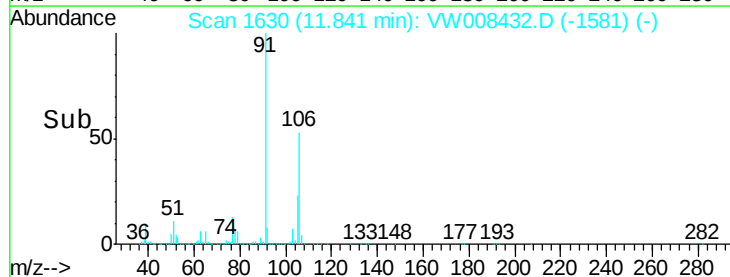
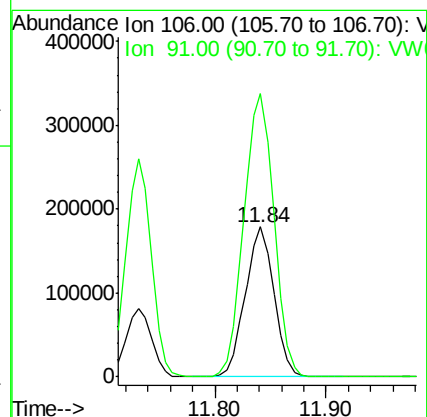
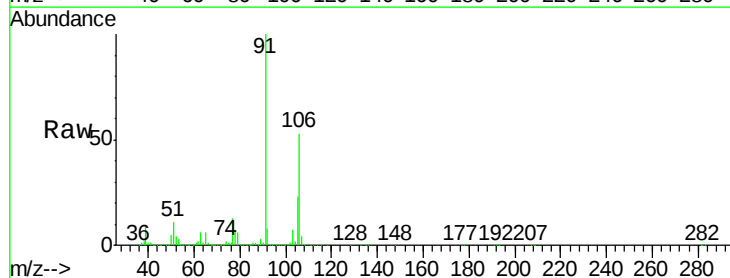
Acq: 28 Jan 2019 11:54

Tgt Ion: 106 Resp: 320438

Ion Ratio Lower Upper

106 100

91 197.1 162.9 244.3





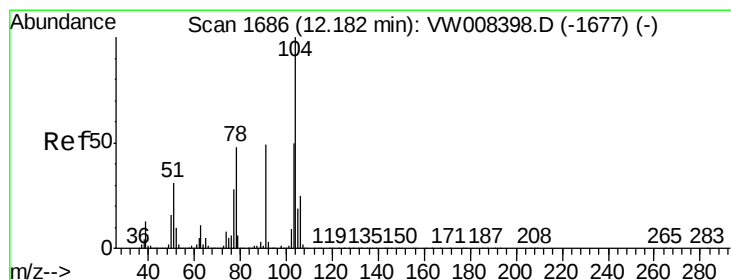
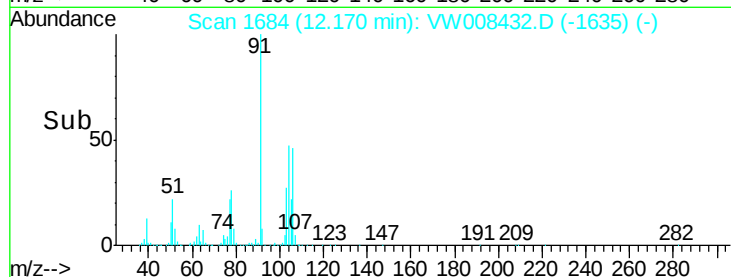
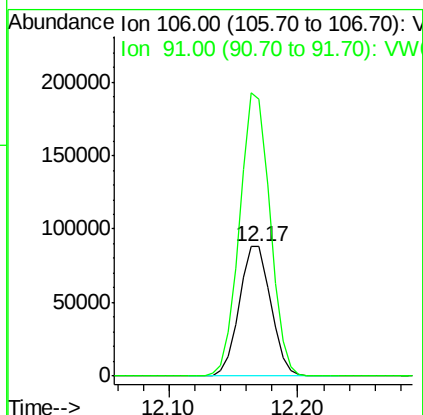
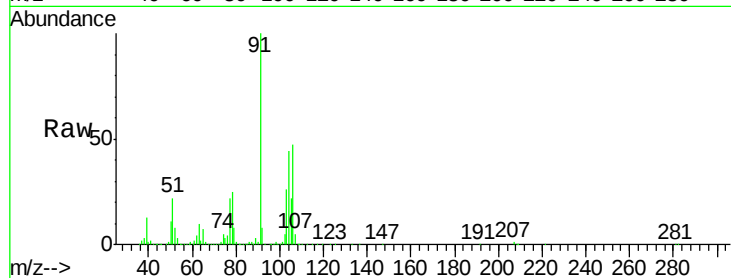
#69
o-Xylene
Concen: 17.342 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.4	107.5	322.4

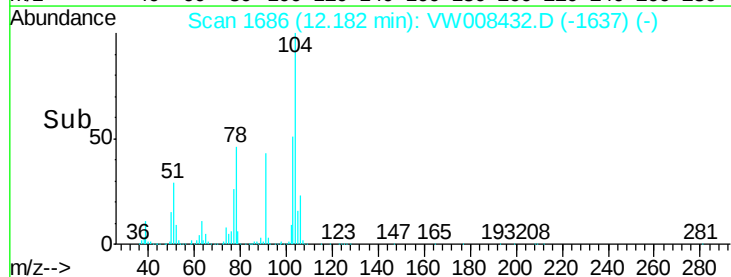
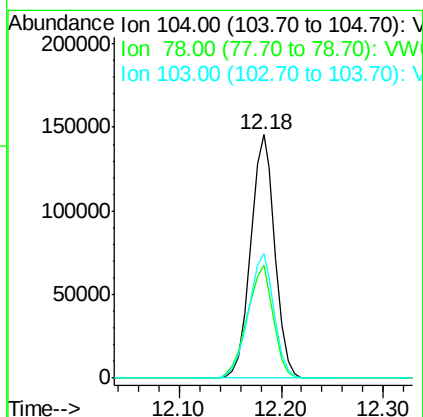
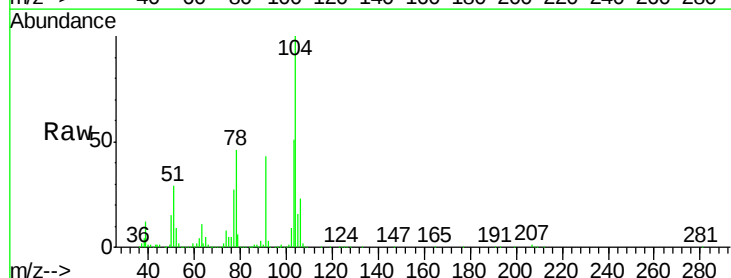
Manual Integrations
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#70
Styrene
Concen: 16.939 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.2	42.4	63.6
103	54.3	43.4	65.0





#71

Bromoform

Concen: 17.009 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

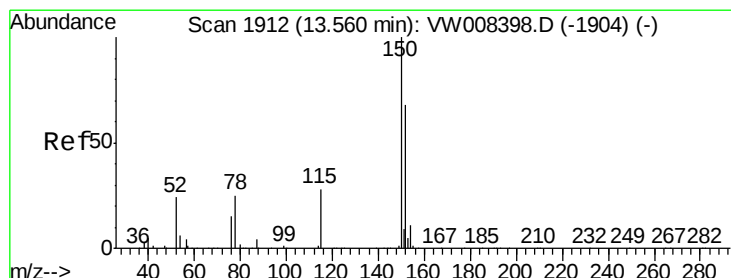
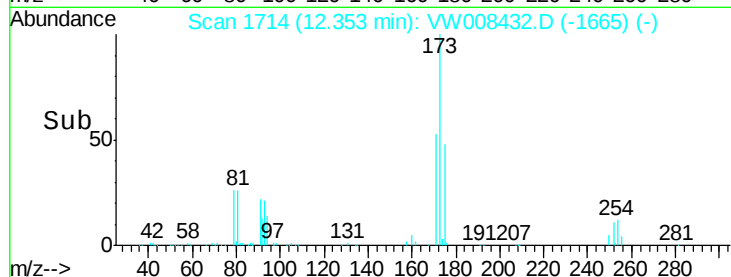
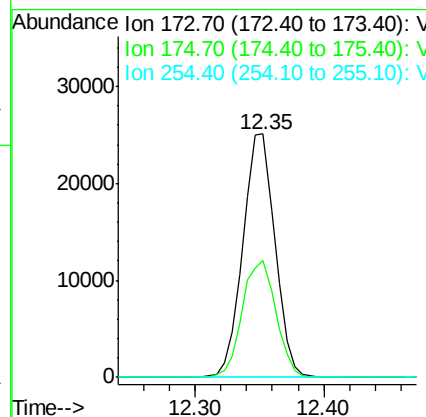
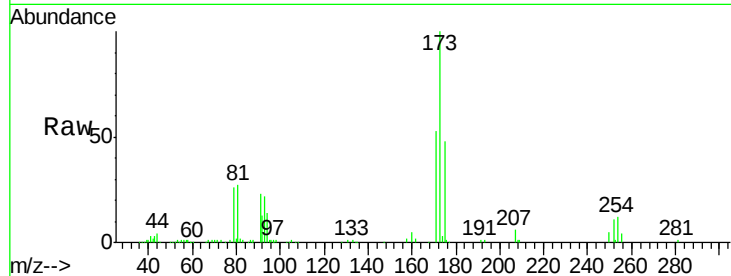
ClientSampleId :

VW0128SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.9	24.4	73.4
254	0.0	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

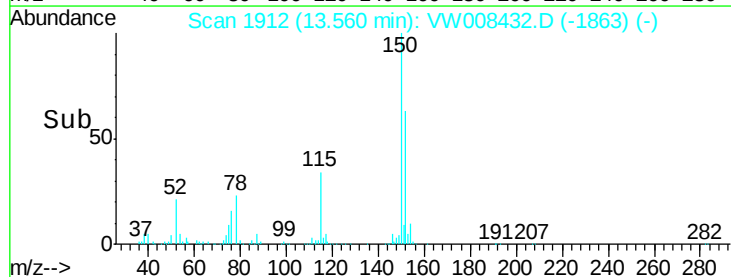
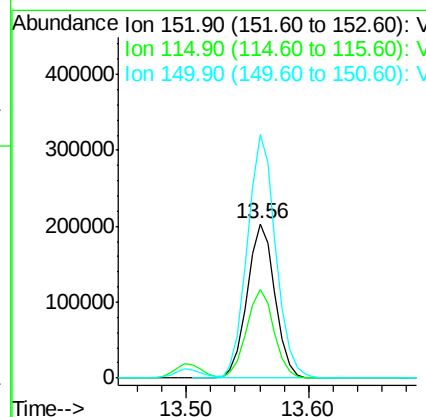
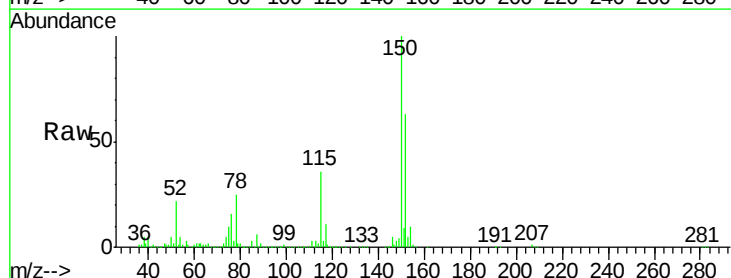
RT: 13.56 min Scan# 1912

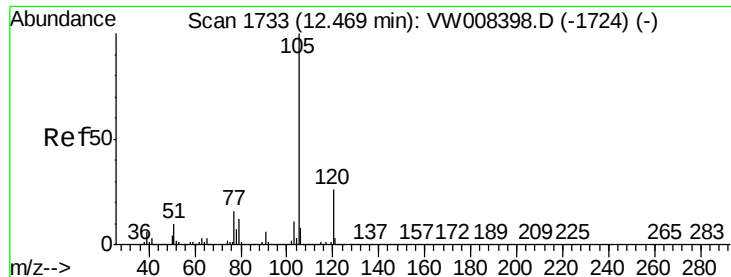
Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.9	89.7
150	162.3	0.0	351.4





#73

Isopropylbenzene

Concen: 17.697 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

ClientSampleId :

VW0128SBS01

Tot Ion:105 Resp: 420486

Ion Ratio Lower Upper

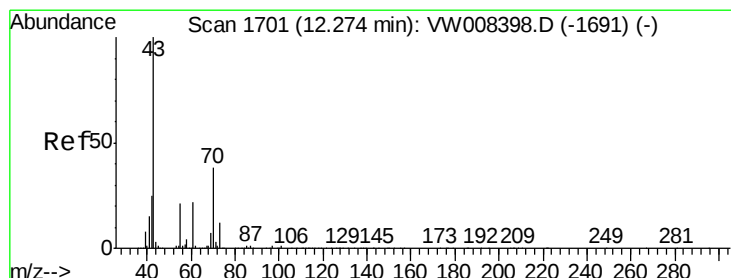
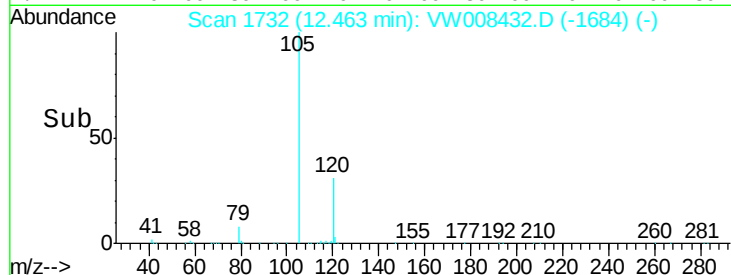
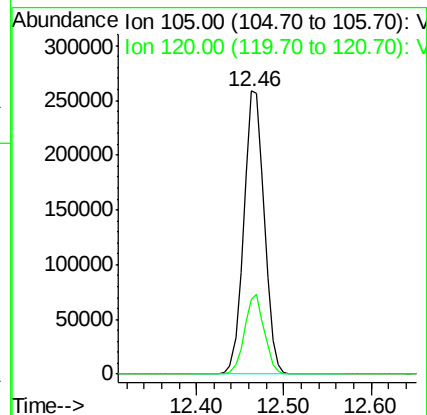
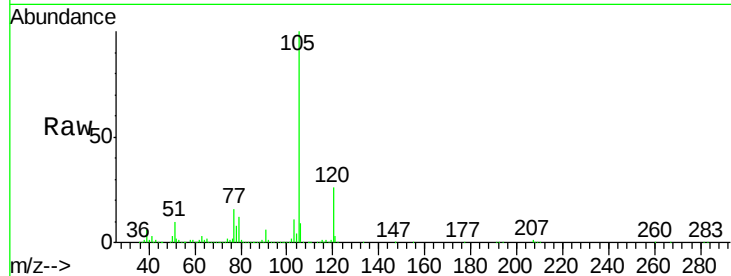
105 100

120 27.0 13.3 39.8

Manual Integrations
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#74

N-ethyl acetate

Concen: 15.491 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion: 43 Resp: 94821

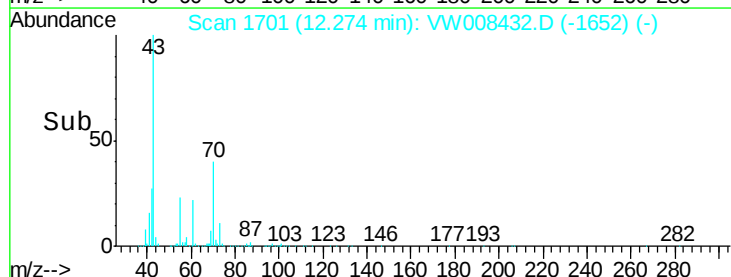
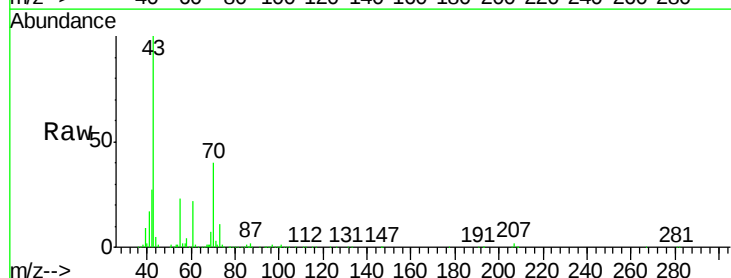
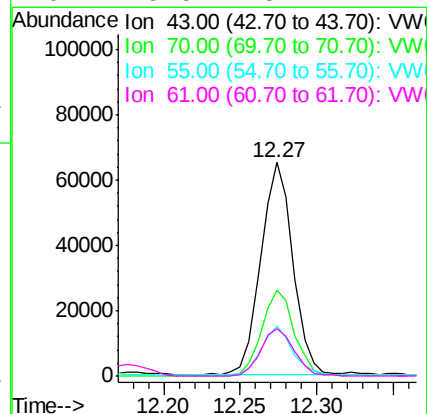
Ion Ratio Lower Upper

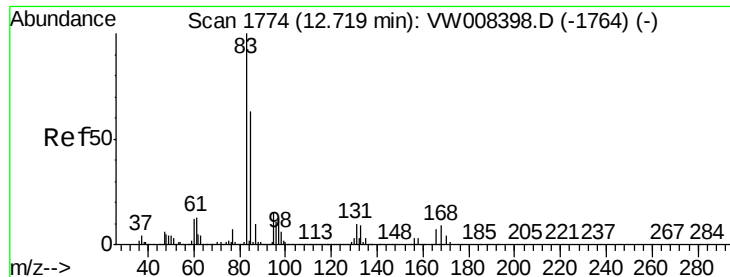
43 100

70 40.6 31.0 46.6

55 22.0 17.4 26.2

61 23.5 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 16.736 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

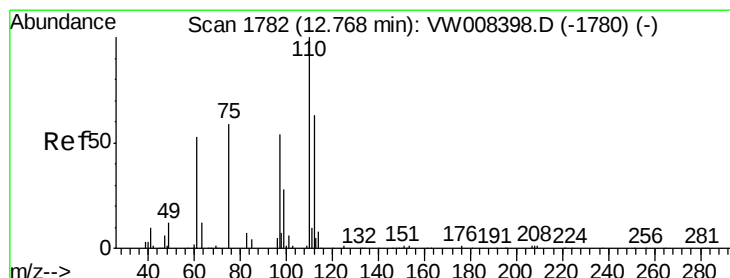
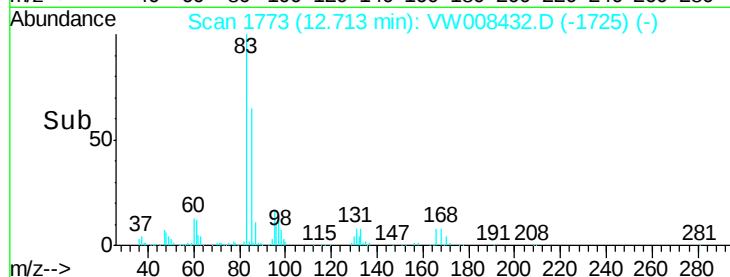
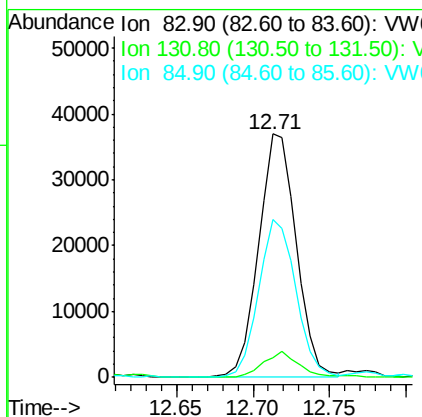
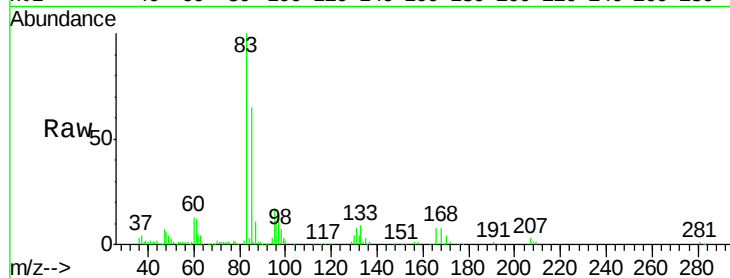
ClientSampleId :

VW0128SBS01

Tot Ion:	83	Resp:	62959
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.5	16.4
85	64.2	31.9	95.5

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#76

1,2,3-Trichloropropane

Concen: 16.609 ug/l m

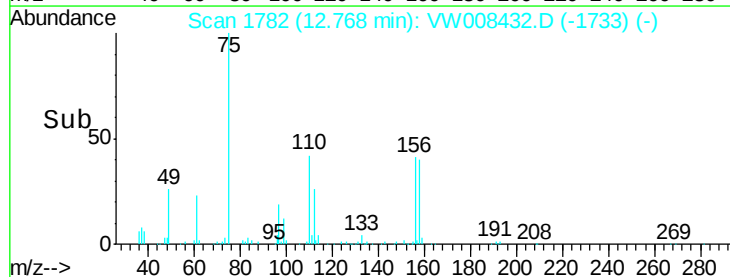
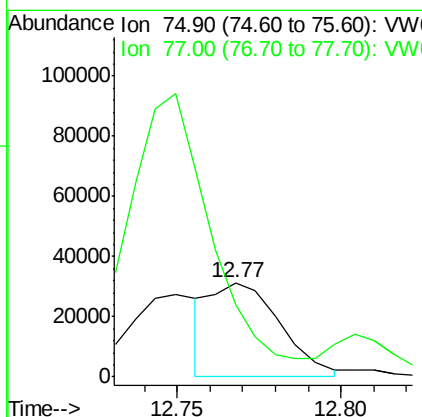
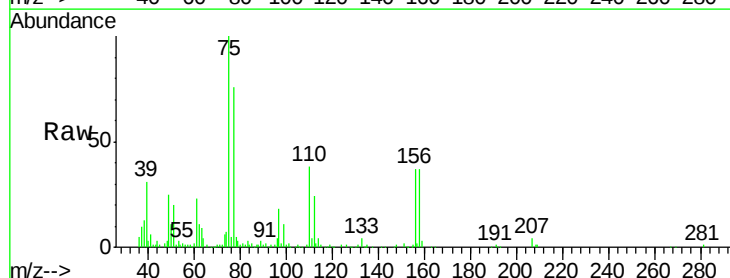
RT: 12.77 min Scan# 1782

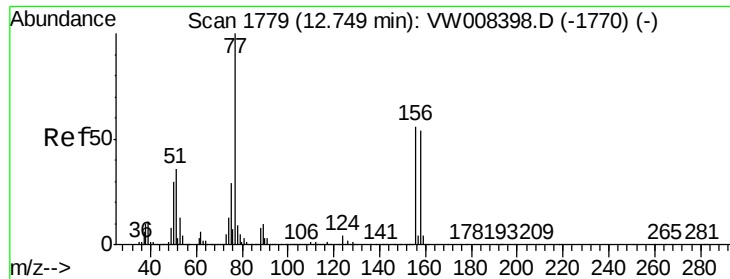
Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	75	Resp:	46023
Ion Ratio	Lower	Upper	
75	100		
77	366.2	180.7	542.1





#77

Bromobenzene

Concen: 18.239 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

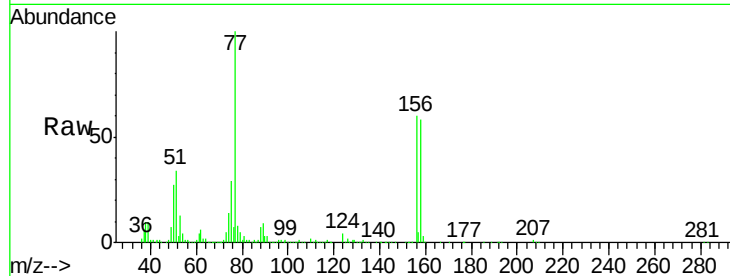
ClientSampleId :

VW0128SBS01

Tot Ion:	156	Resp:	94647
Ion Ratio	Lower	Upper	
156	100		
77	178.1	96.9	290.7
158	96.4	48.8	146.4

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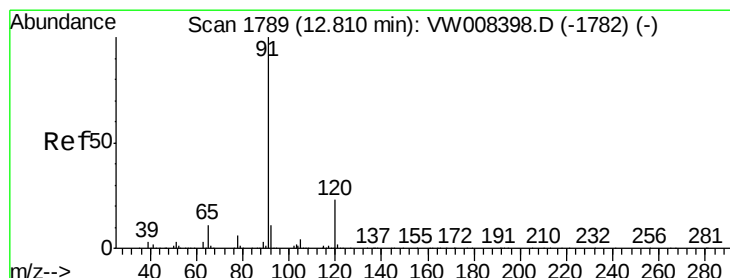
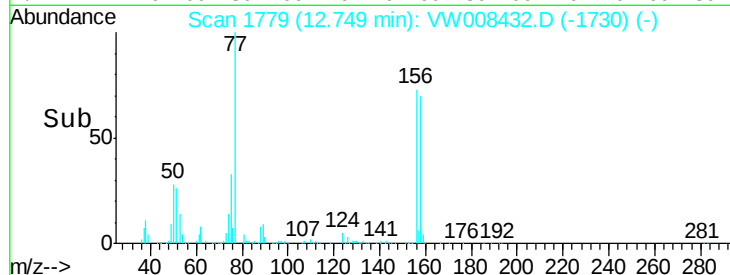
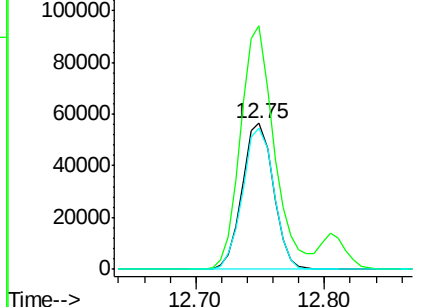
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 17.503 ug/l

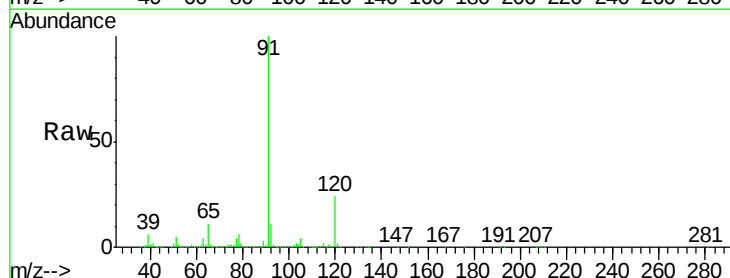
RT: 12.80 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VW008432.D

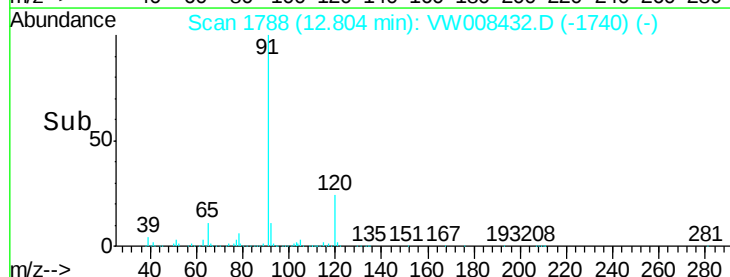
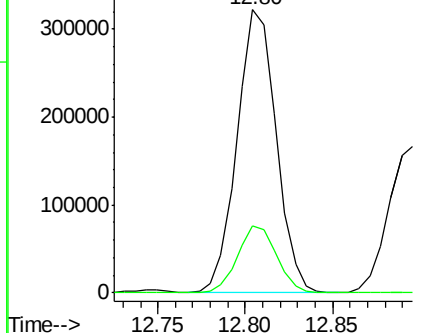
Acq: 28 Jan 2019 11:54

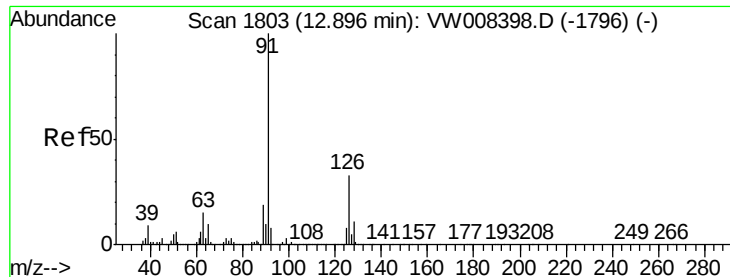
Tgt Ion:	91	Resp:	499503
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.4	34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





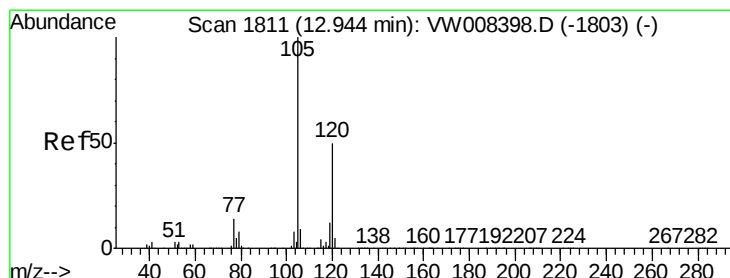
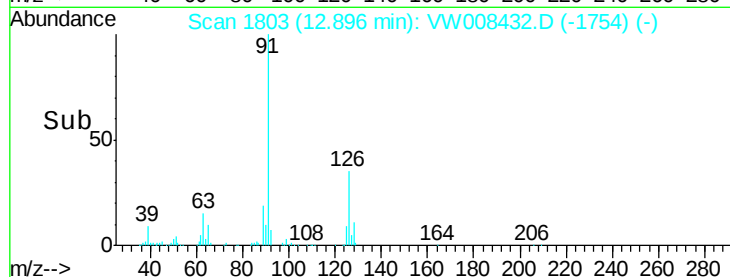
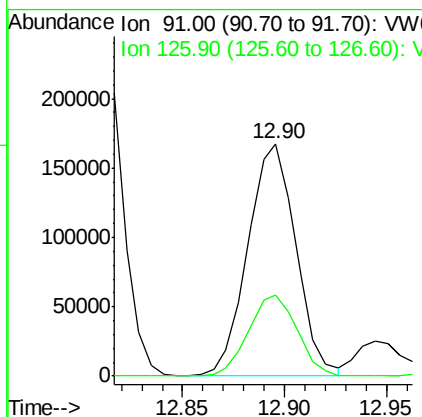
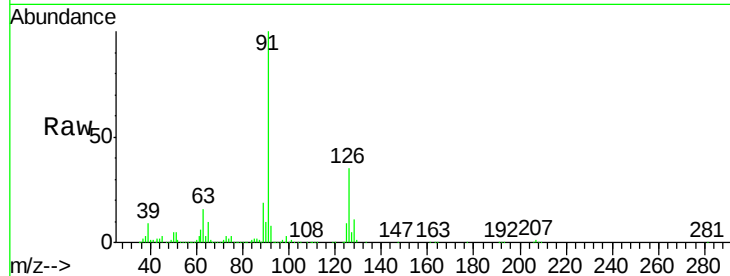
#79
2-Chlorotoluene
Concen: 17.051 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion: 91 Resp: 274588
Ion Ratio Lower Upper
91 100
126 35.3 16.5 49.5

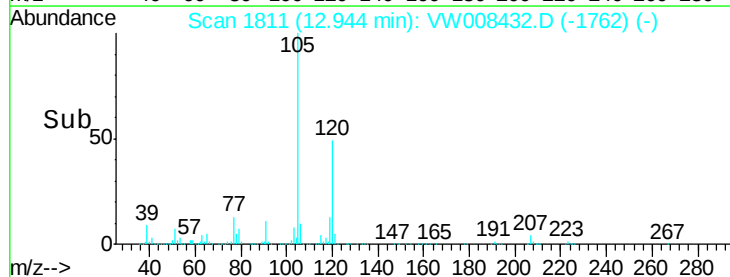
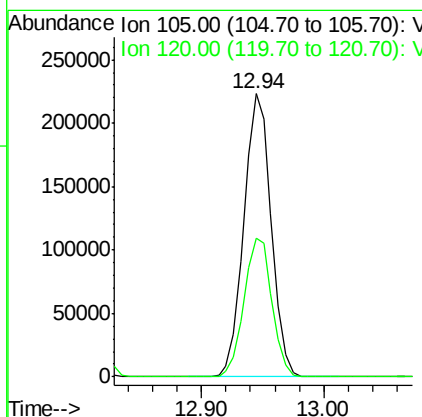
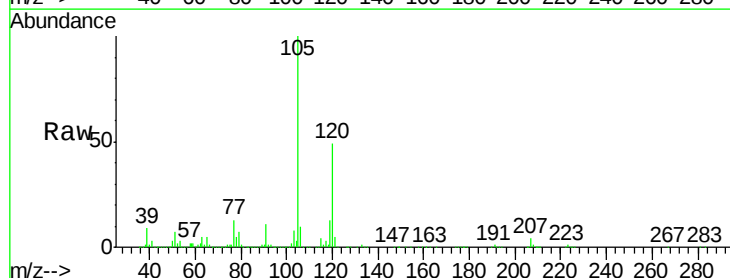
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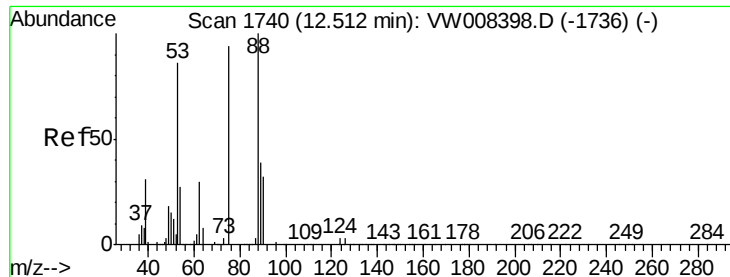
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#80
1,3,5-Trimethylbenzene
Concen: 17.351 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion: 105 Resp: 344585
Ion Ratio Lower Upper
105 100
120 50.3 24.6 73.8





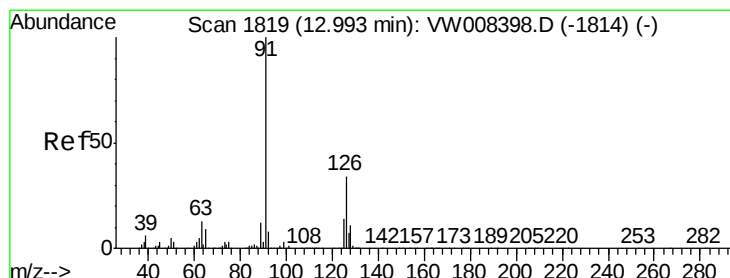
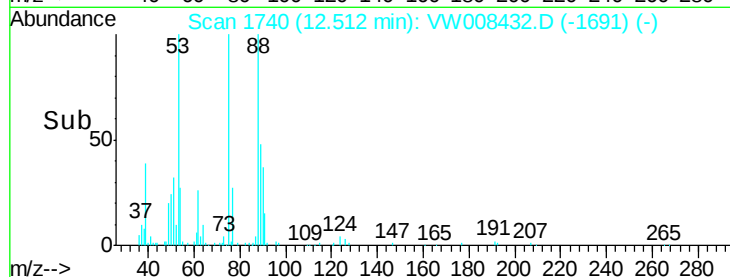
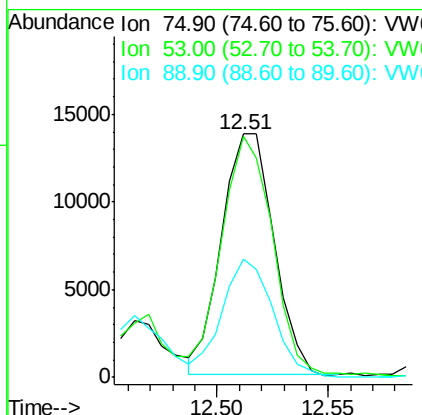
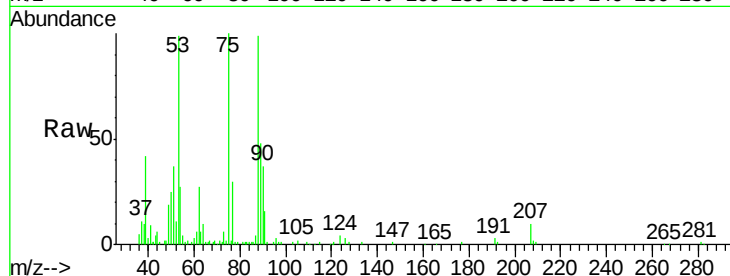
#81
trans-1,4-Dichloro-2-butene
Concen: 15.987 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	76.0	114.0
89	48.3	35.4	53.0

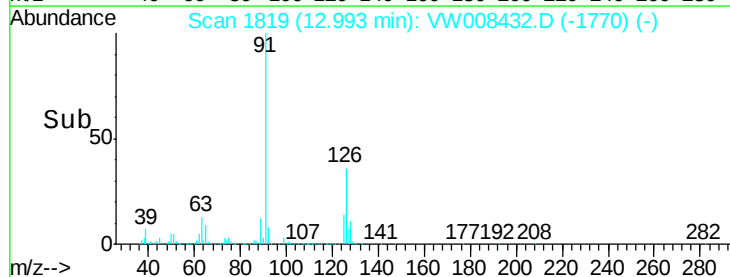
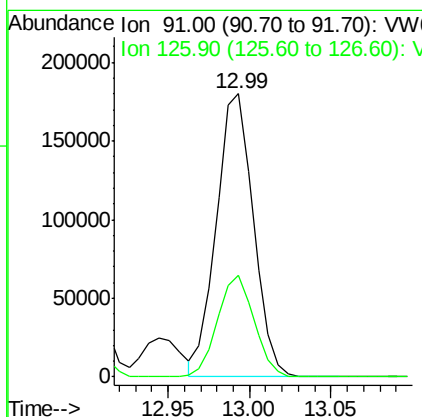
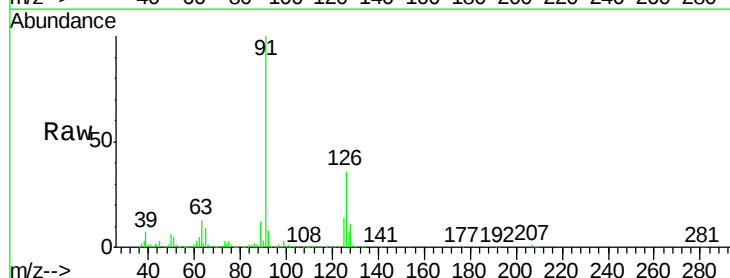
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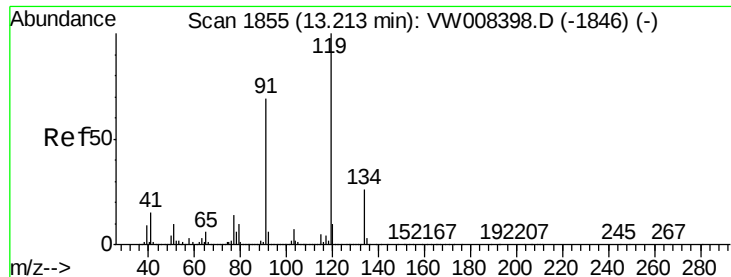
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#82
4-Chlorotoluene
Concen: 16.586 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.4	16.4	49.2





#83

tert-Butylbenzene

Concen: 17.980 ug/l

RT: 13.21 min Scan# 1854

Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

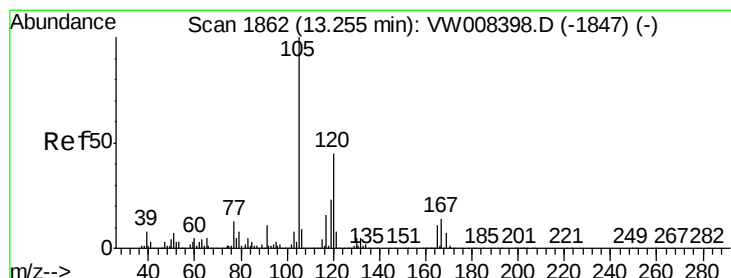
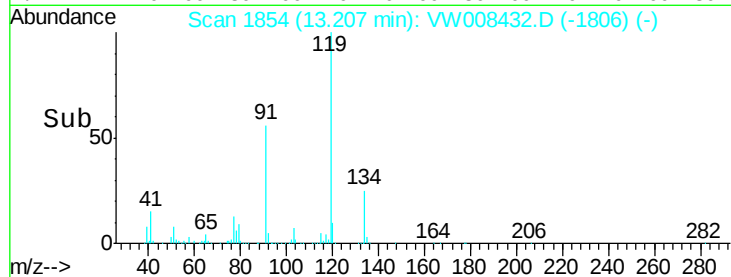
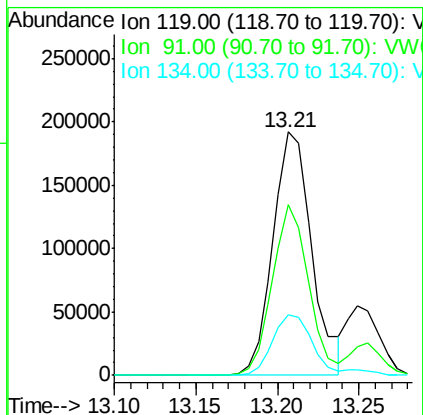
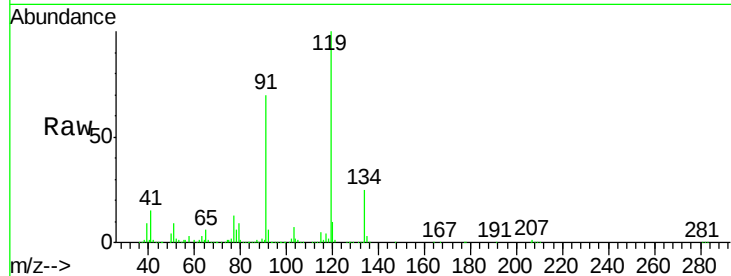
ClientSampleId :

VW0128SBS01

Tot Ion:	119	Resp:	317761
Ion Ratio	Lower	Upper	
119	100		
91	65.0	33.8	101.4
134	26.7	13.5	40.4

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#84

1,2,4-Trimethylbenzene

Concen: 17.358 ug/l

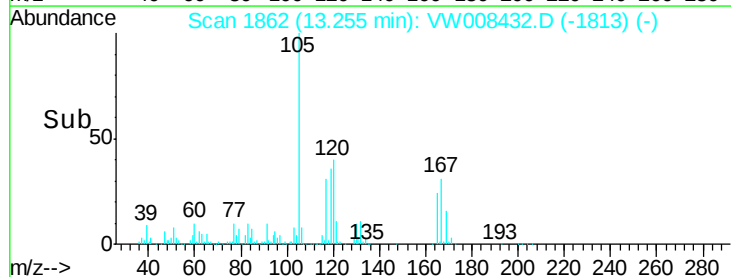
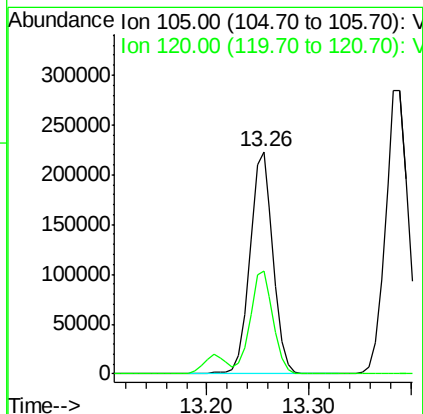
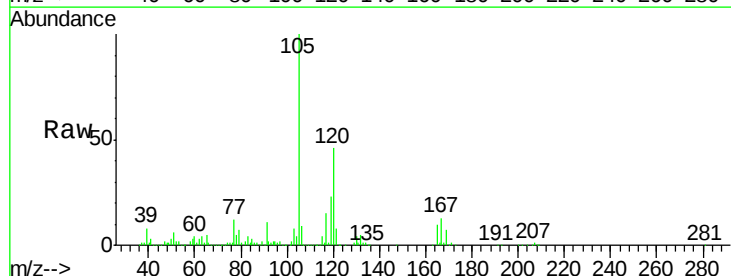
RT: 13.26 min Scan# 1862

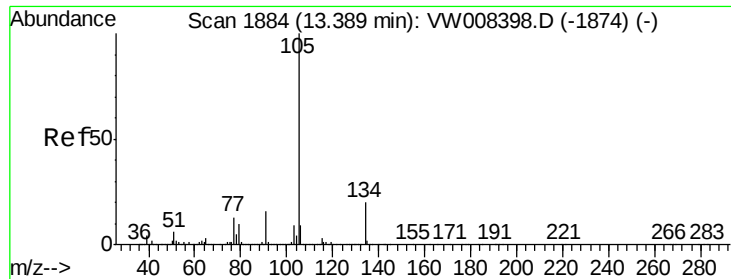
Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	105	Resp:	350400
Ion Ratio	Lower	Upper	
105	100		
120	46.1	23.1	69.2





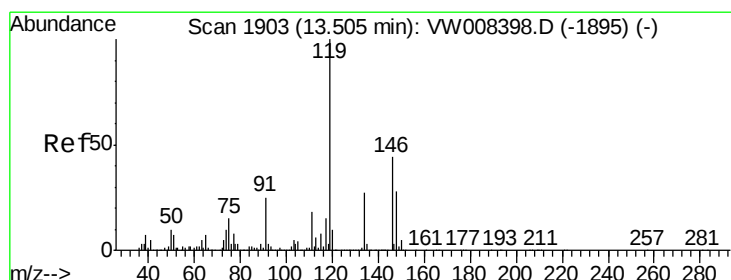
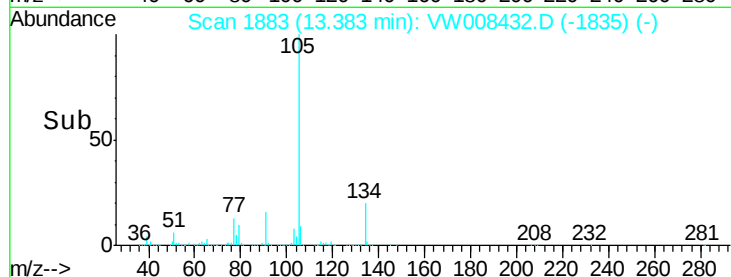
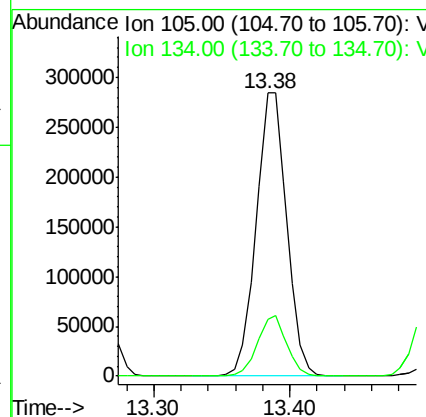
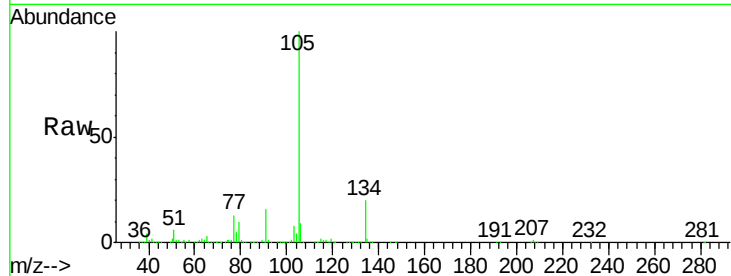
#85
 sec-Butylbenzene
 Concen: 17.711 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.2	30.6

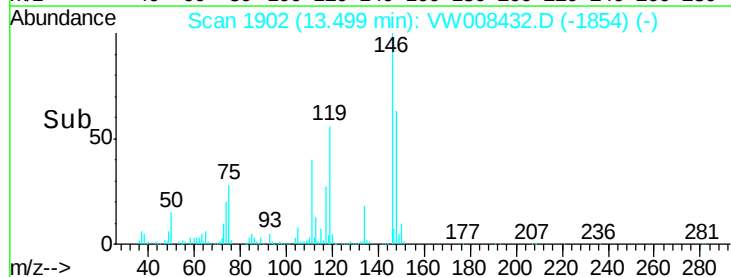
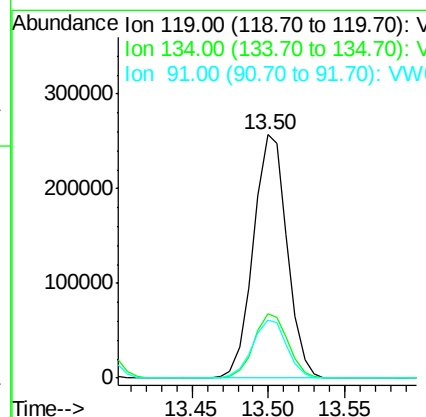
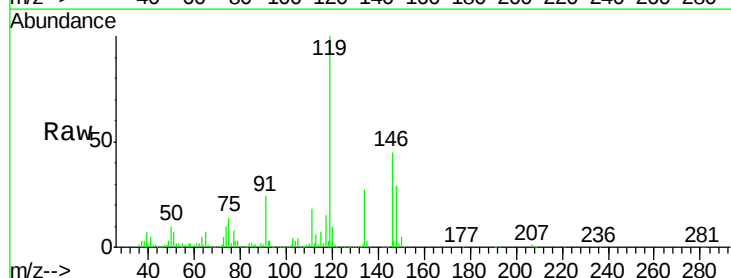
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#86
 p-Isopropyltoluene
 Concen: 17.762 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.6	13.4	40.2
91	24.1	12.6	37.6





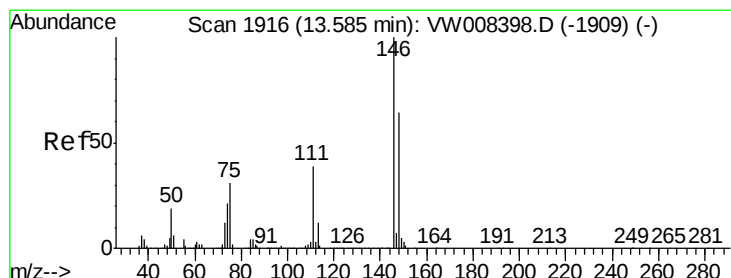
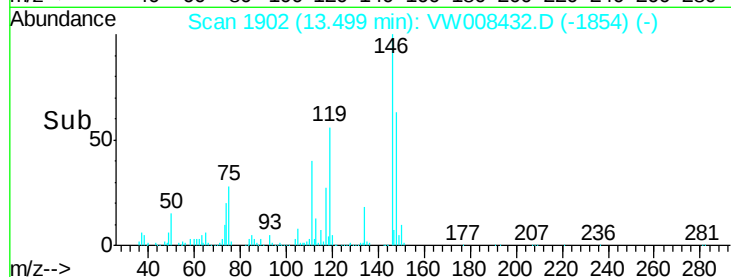
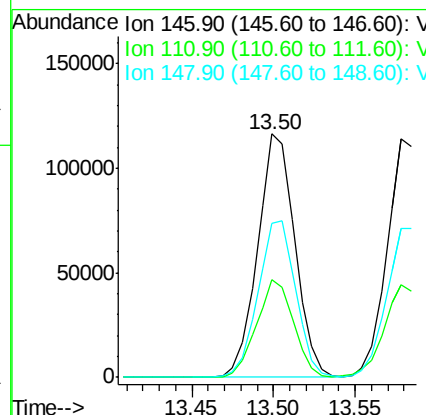
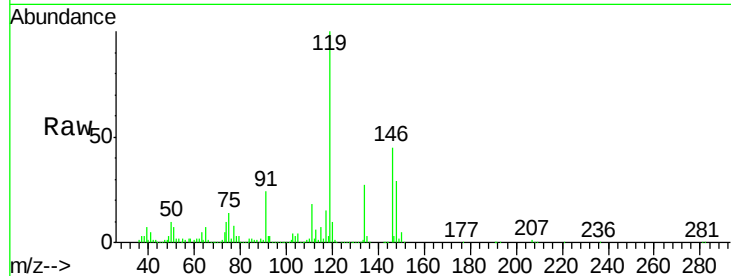
#87
 1,3-Dichlorobenzene
 Concen: 17.681 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	185296		
111	39.8	20.3	60.9	
148	64.9	31.9	95.7	

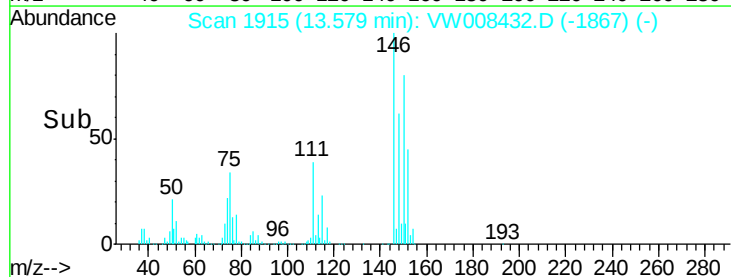
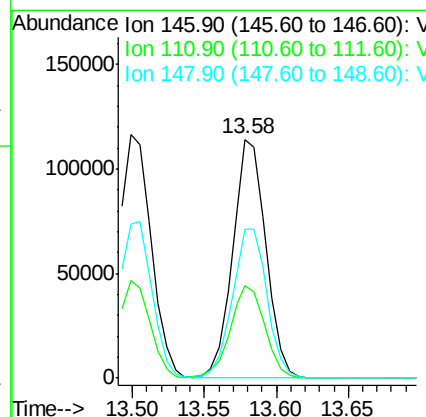
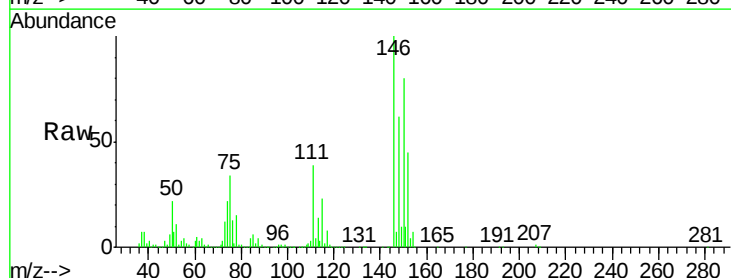
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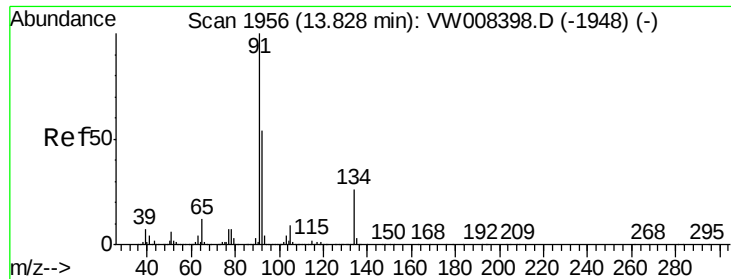
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#88
 1,4-Dichlorobenzene
 Concen: 17.592 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.01 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	183225		
111	40.3	20.0	60.0	
148	65.3	32.0	96.2	





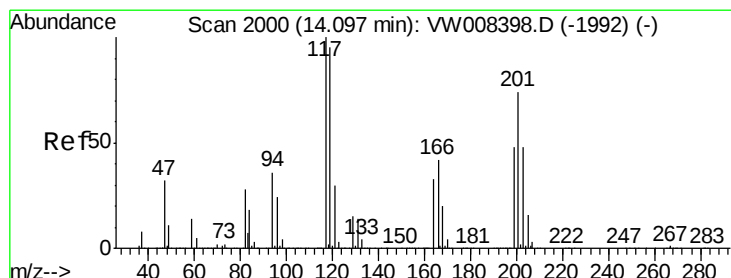
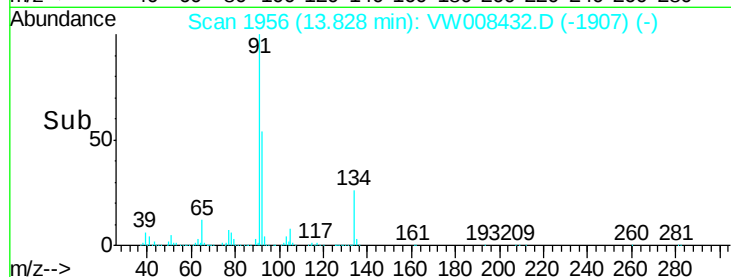
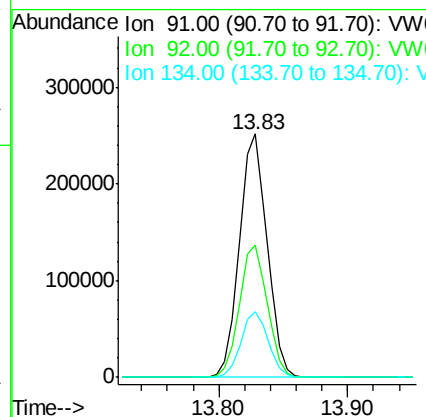
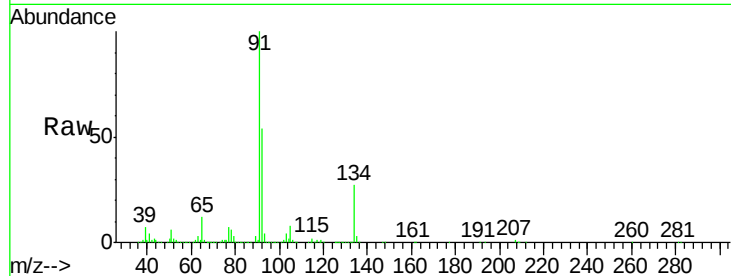
#89
n-Butylbenzene
Concen: 17.255 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.2
134	26.6	13.0	39.0

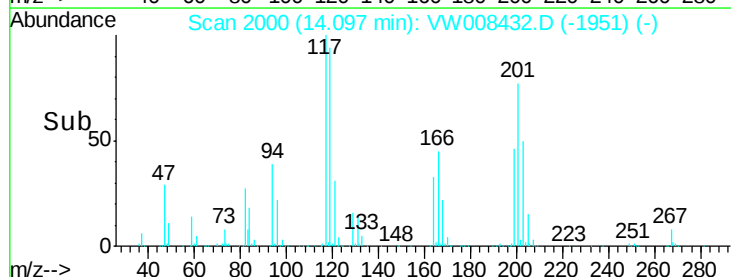
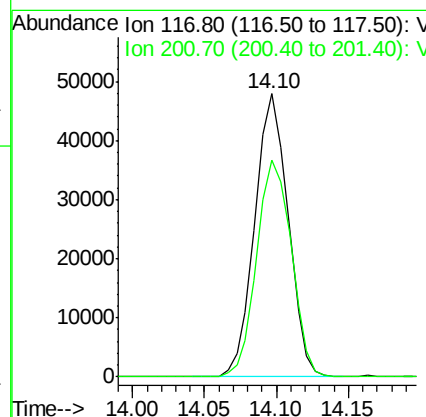
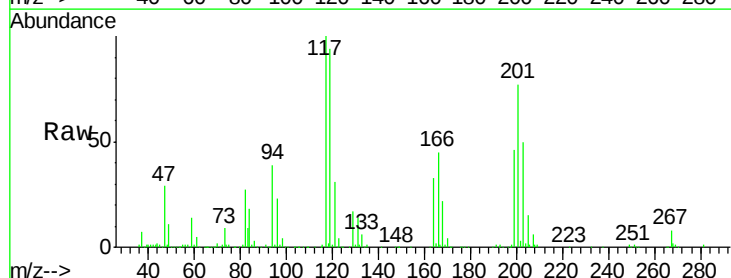
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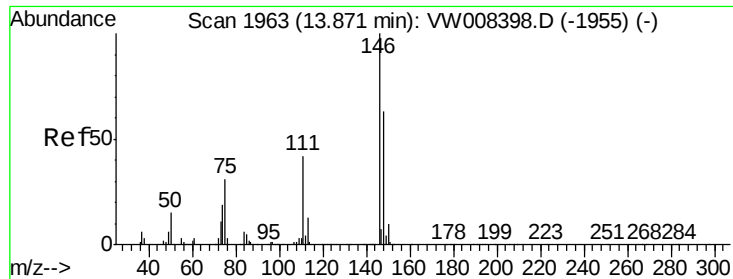
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#90
Hexachloroethane
Concen: 17.767 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.7	39.1	117.5





#91

1,2-Dichlorobenzene

Concen: 17.712 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Instrument :

MSVOA_W

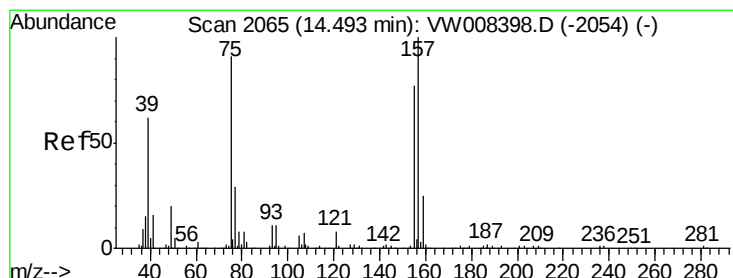
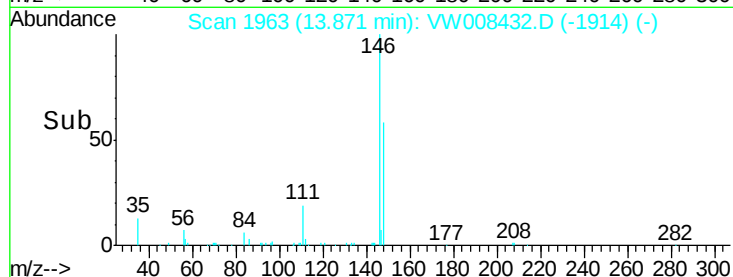
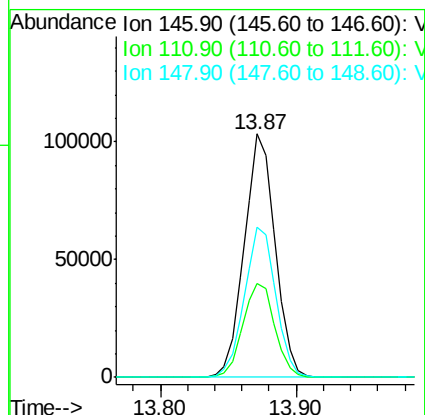
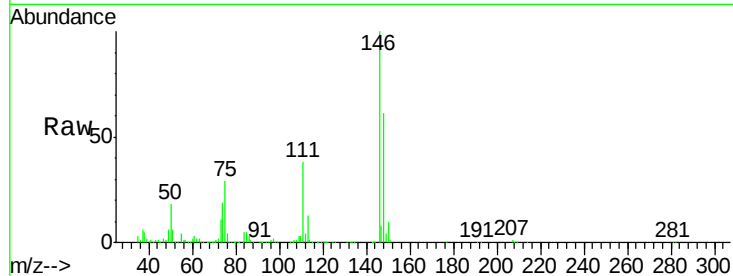
ClientSampleId :

VW0128SBS01

Tot Ion:	146	Resp:	164244
Ion Ratio	Lower	Upper	
146	100		
111	39.9	21.1	63.3
148	62.7	31.9	95.5

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 16.522 ug/l

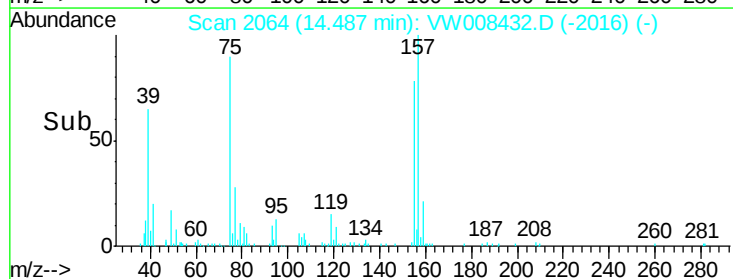
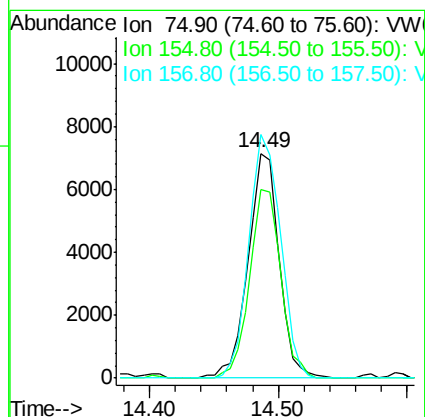
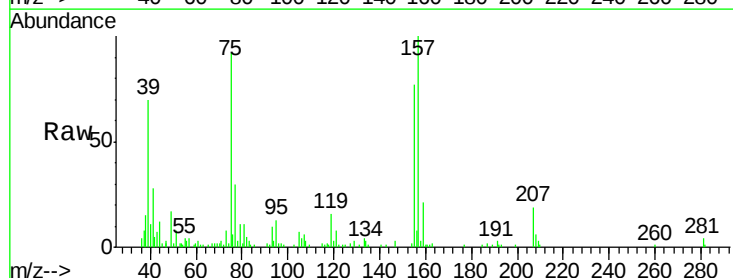
RT: 14.49 min Scan# 2064

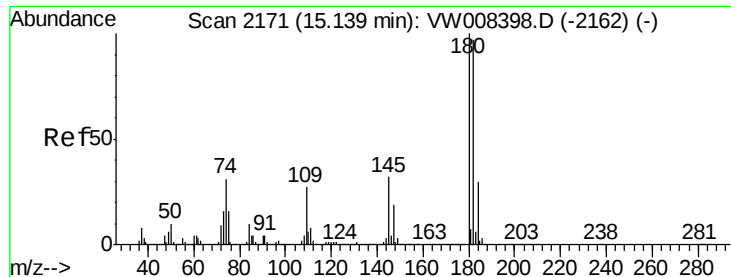
Delta R.T. -0.01 min

Lab File: VW008432.D

Acq: 28 Jan 2019 11:54

Tgt Ion:	75	Resp:	11793
Ion Ratio	Lower	Upper	
75	100		
155	84.4	42.7	128.1
157	111.2	55.5	166.3





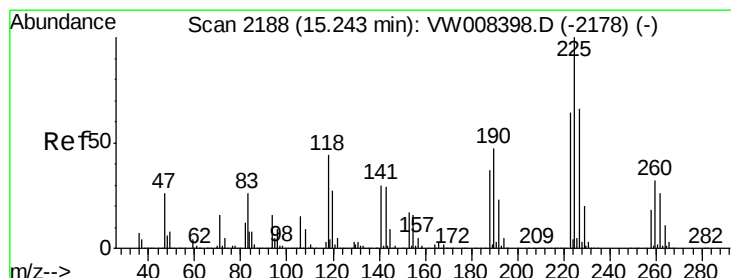
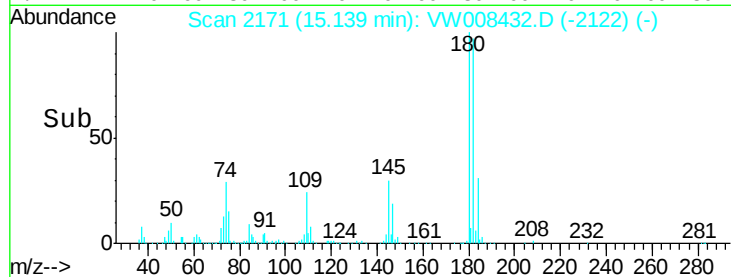
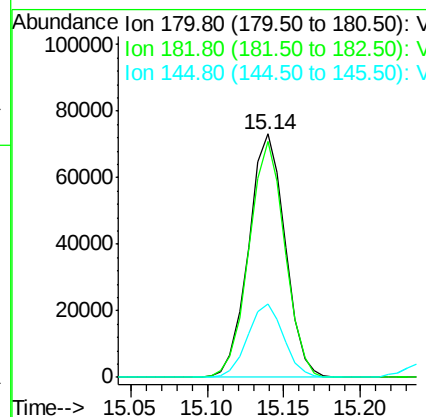
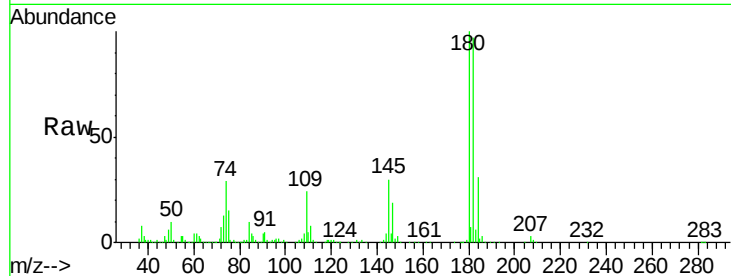
#93
 1,2,4-Trichlorobenzene
 Concen: 18.343 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0128SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	121382		
182	95.5	47.9	143.7	
145	29.8	15.5	46.5	

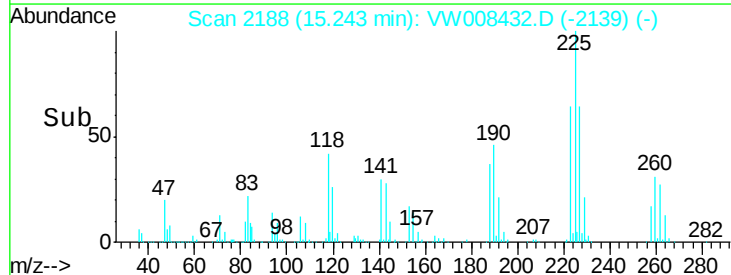
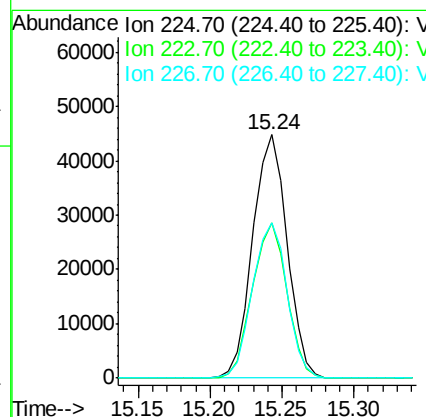
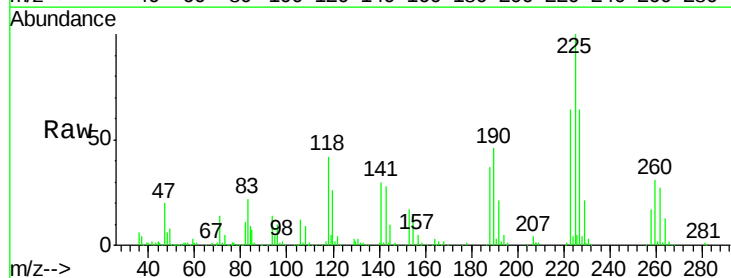
Manual Integrations
 APPROVED

MMDadoda
 1/29/2019 12:19:46 PM



#94
 Hexachlorobutadiene
 Concen: 18.535 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008432.D
 Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	73917		
223	63.9	31.7	95.1	
227	64.1	32.1	96.3	





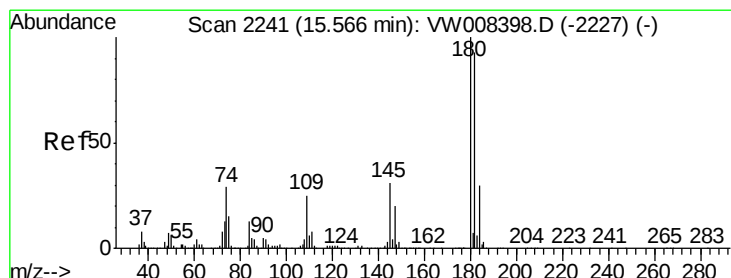
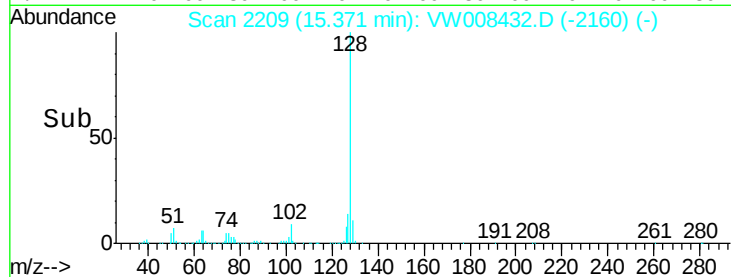
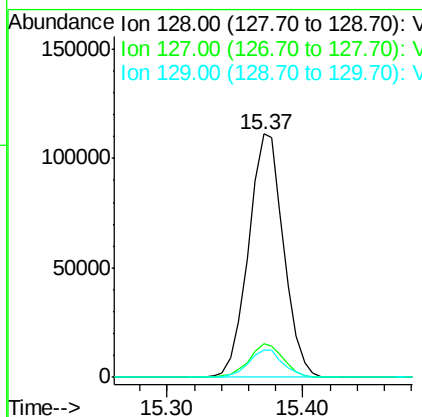
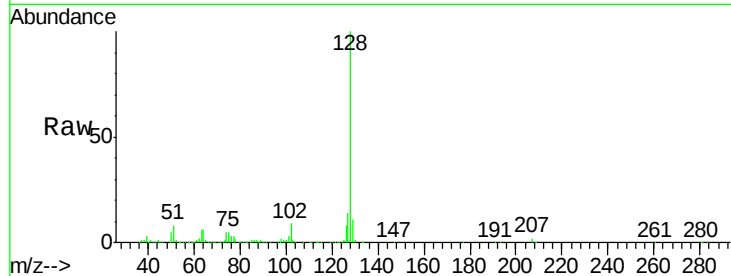
#95
Naphthalene
Concen: 17.273 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Instrument :
MSVOA_W
ClientSampleId :
VW0128SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	200698		
127	13.7		10.6	15.8
129	11.1		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
1/29/2019 12:19:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.131 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008432.D
Acq: 28 Jan 2019 11:54

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	101771		
182	94.4		47.0	141.2
145	31.9		15.9	47.6

