

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100419\
 Data File : VW013434.D
 Acq On : 04 Oct 2019 13:09
 Operator : SY/VA
 Sample : VW1004SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 11:48:17 AM

Quant Time: Nov 01 02:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	316319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	443991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	387486	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	197258	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129368	54.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.54%	
35) Dibromofluoromethane	7.88	113	130064	55.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.66%	
50) Toluene-d8	10.32	98	540165	55.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.74%	
62) 4-Bromofluorobenzene	12.62	95	181451	56.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.40%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	22007	17.987 ug/l	96
3) Chloromethane	2.21	50	42676	21.138 ug/l	98
4) Vinyl Chloride	2.35	62	60430	21.090 ug/l	100
5) Bromomethane	2.77	94	35189	19.990 ug/l	96
6) Chloroethane	2.92	64	33703	20.370 ug/l	100
7) Trichlorofluoromethane	3.25	101	28171	22.662 ug/l	93
8) Diethyl Ether	3.68	74	29728	20.662 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	56722	20.581 ug/l	98
10) Methyl Iodide	4.27	142	90069	20.237 ug/l	99
11) Tert butyl alcohol	5.19	59	24280m	111.535 ug/l	
12) 1,1-Dichloroethene	4.04	96	58973	20.253 ug/l	94
13) Acrolein	3.90	56	24777	109.944 ug/l	95
14) Allyl chloride	4.66	41	91204	21.173 ug/l	99
15) Acrylonitrile	5.37	53	70865	108.952 ug/l	99
16) Acetone	4.13	43	59266	81.864 ug/l	100
17) Carbon Disulfide	4.38	76	168847	20.785 ug/l	100
18) Methyl Acetate	4.67	43	36937	21.799 ug/l	99
19) Methyl tert-butyl Ether	5.42	73	89607	20.909 ug/l	96
20) Methylene Chloride	4.92	84	66358	20.915 ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	62529	20.164 ug/l	98
22) Diisopropyl ether	6.31	45	171597	20.628 ug/l	97
23) Vinyl Acetate	6.25	43	526838	105.545 ug/l	99
24) 1,1-Dichloroethane	6.21	63	103026	20.333 ug/l	97
25) 2-Butanone	7.17	43	91722	99.014 ug/l	97
26) 2,2-Dichloropropane	7.16	77	66283	21.669 ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	66017	20.339 ug/l	99
28) Bromochloromethane	7.52	49	34466	18.814 ug/l	99
29) Tetrahydrofuran	7.53	42	59449	115.750 ug/l	99
30) Chloroform	7.67	83	100523	20.233 ug/l	95
31) Cyclohexane	7.95	56	111015	20.545 ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	81857	21.030 ug/l	98
36) 1,1-Dichloropropene	8.08	75	87678	21.261 ug/l	98
37) Ethyl Acetate	7.25	43	40374	22.267 ug/l	97
38) Carbon Tetrachloride	8.07	117	76463	21.405 ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	113950	20.981	ug/l	96
40) Benzene	8.32	78	243911	20.894	ug/l	100
41) Methacrylonitrile	7.48	41	22479	20.484	ug/l	93
42) 1,2-Dichloroethane	8.40	62	62353	20.782	ug/l	96
43) Isopropyl Acetate	8.42	43	72914	21.286	ug/l	100
44) Trichloroethene	9.09	130	70659	21.494	ug/l	99
45) 1,2-Dichloropropane	9.37	63	58710	20.947	ug/l	98
46) Dibromomethane	9.46	93	28718	20.571	ug/l	95
47) Bromodichloromethane	9.65	83	72064	20.969	ug/l	96
48) Methyl methacrylate	9.43	41	34127	20.735	ug/l	96
49) 1,4-Dioxane	9.46	88	11255	512.618	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	193321	107.417	ug/l	98
52) Toluene	10.38	92	156675	20.808	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	76326	21.351	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	90022	20.770	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	44151	21.200	ug/l	95
56) Ethyl methacrylate	10.65	69	60253	21.495	ug/l	98
57) 1,3-Dichloropropane	10.93	76	76776	21.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	137599	119.498	ug/l	98
59) 2-Hexanone	10.97	43	134585	107.889	ug/l	99
60) Dibromochloromethane	11.13	129	49800	20.902	ug/l	100
61) 1,2-Dibromoethane	11.23	107	42944	21.339	ug/l	100
64) Tetrachloroethene	10.86	164	60010	20.356	ug/l	98
65) Chlorobenzene	11.66	112	162969	20.529	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.73	131	56198	20.785	ug/l	99
67) Ethyl Benzene	11.73	91	297339	20.899	ug/l	99
68) m/p-Xylenes	11.84	106	227846	41.489	ug/l	100
69) o-Xylene	12.16	106	104849	20.650	ug/l	97
70) Styrene	12.18	104	179942	20.731	ug/l	99
71) Bromoform	12.35	173	31249	21.317	ug/l	97
73) Isopropylbenzene	12.46	105	290727	20.149	ug/l	100
74) N-amyl acetate	12.27	43	65586	21.358	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	51348	21.025	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40320m	22.998	ug/l	
77) Bromobenzene	12.74	156	69315	20.006	ug/l	99
78) n-propylbenzene	12.80	91	342861	20.657	ug/l	99
79) 2-Chlorotoluene	12.89	91	193362	20.975	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	245316	20.467	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16321	22.334	ug/l	96
82) 4-Chlorotoluene	12.99	91	198178	20.522	ug/l	99
83) tert-Butylbenzene	13.21	119	217241	20.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	241973	20.307	ug/l	100
85) sec-Butylbenzene	13.38	105	299373	20.740	ug/l	99
86) p-Isopropyltoluene	13.50	119	274275	20.503	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	132243	20.288	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	127709	19.568	ug/l	97
89) n-Butylbenzene	13.82	91	250072	20.735	ug/l	99
90) Hexachloroethane	14.09	117	46703	21.132	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	117104	20.323	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.48	75	8162	22.344	ug/l	93

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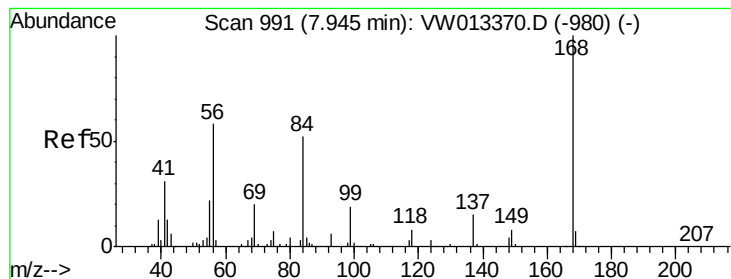
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	82527	19.957	ug/l	99
94) Hexachlorobutadiene	15.24	225	56760	21.130	ug/l	98
95) Naphthalene	15.36	128	145095	20.800	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	72900	20.191	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tgt Ion: 168 Resp: 316319

Ion Ratio Lower Upper

168 100

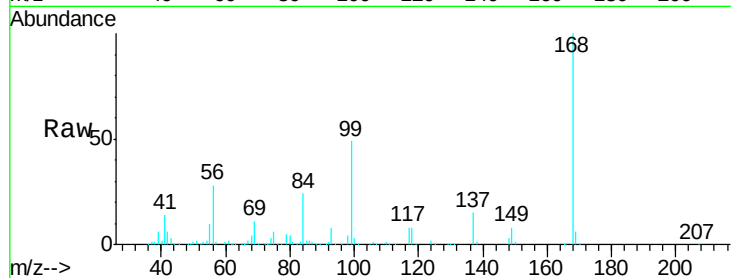
99 49.1 40.2 60.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

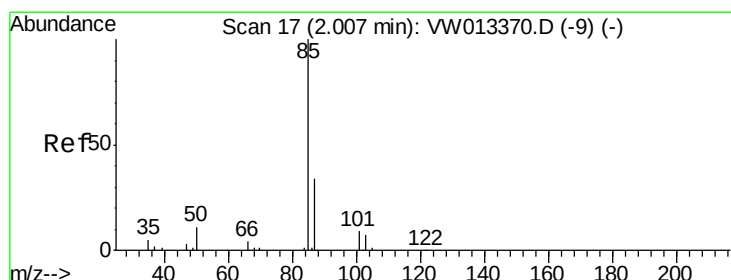
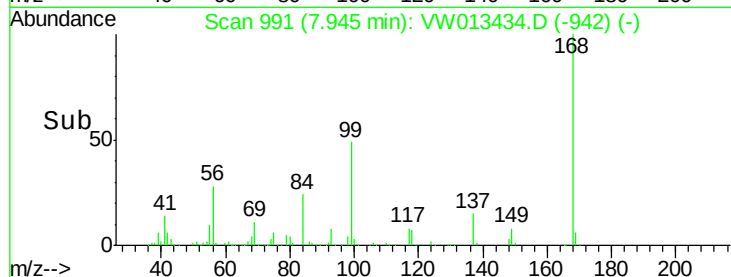
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.987 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013434.D

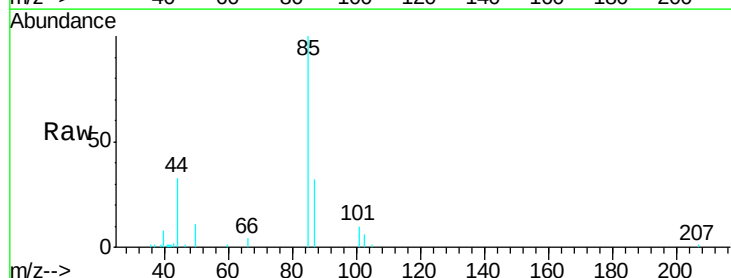
Acq: 04 Oct 2019 13:09

Tgt Ion: 85 Resp: 22007

Ion Ratio Lower Upper

85 100

87 32.1 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

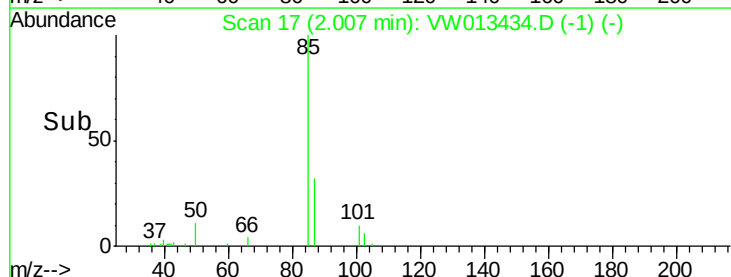
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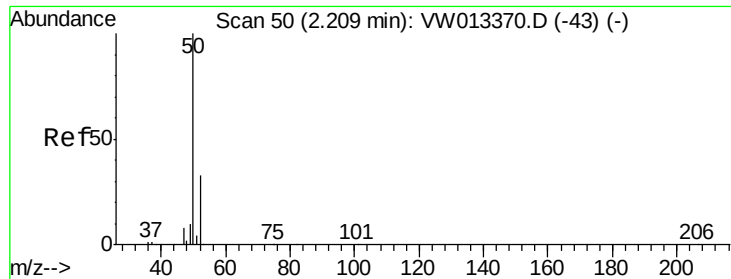
4000

2000

0

Time-->





#3

Chloromethane

Concen: 21.138 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 50 Resp: 42676

Ion Ratio Lower Upper

50 100

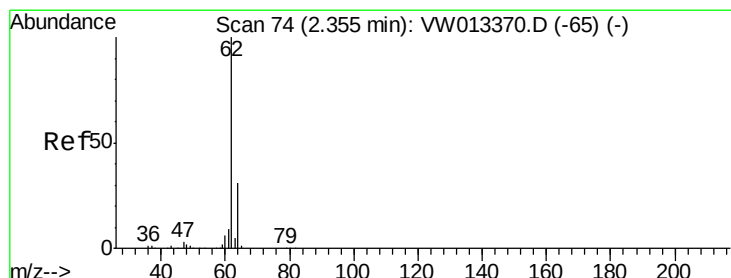
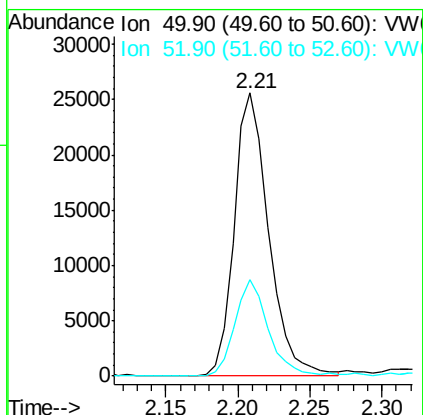
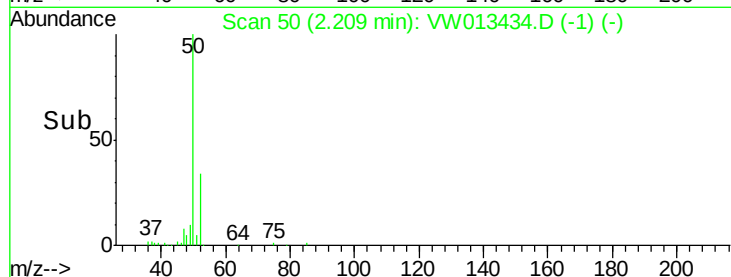
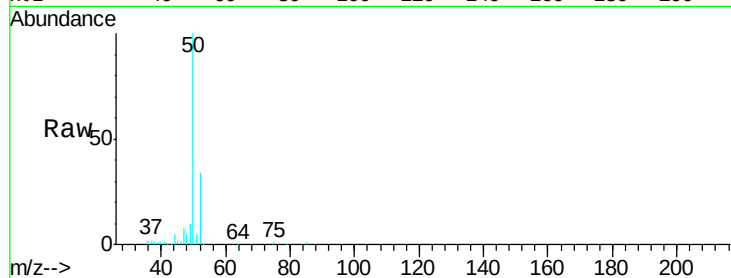
52 33.9 26.1 39.1

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#4

Vinyl Chloride

Concen: 21.090 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013434.D

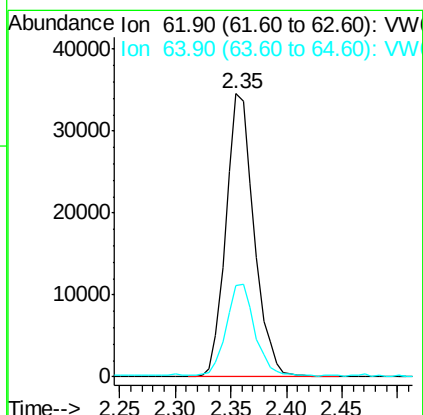
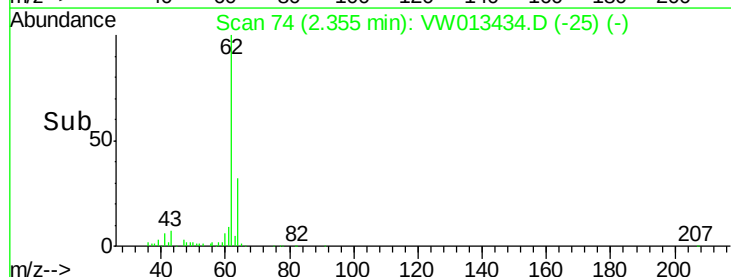
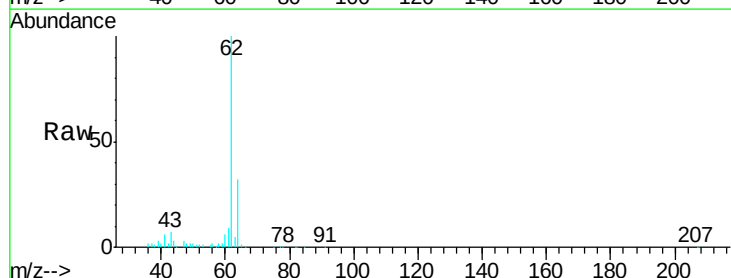
Acq: 04 Oct 2019 13:09

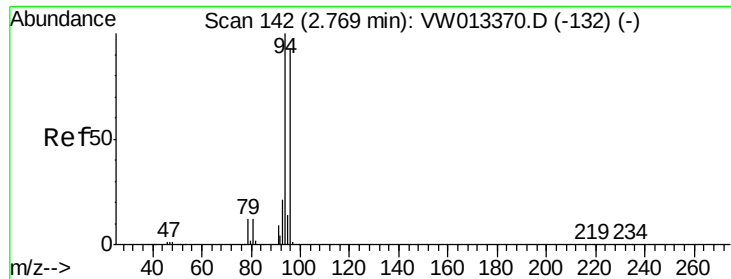
Tgt Ion: 62 Resp: 60430

Ion Ratio Lower Upper

62 100

64 31.8 25.3 37.9





#5

Bromomethane

Concen: 19.990 ug/l

RT: 2.77 min Scan# 142

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tgt Ion: 94 Resp: 35189

Ion Ratio Lower Upper

94 100

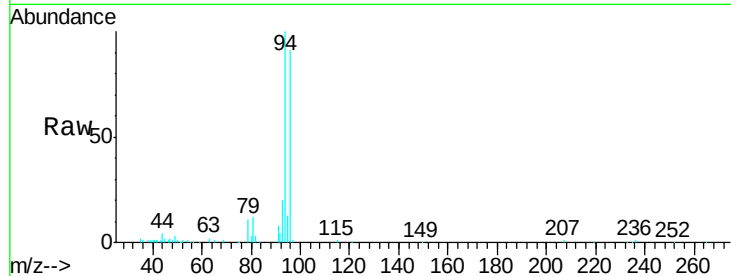
96 90.6 69.7 104.5

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

2.77

20000

15000

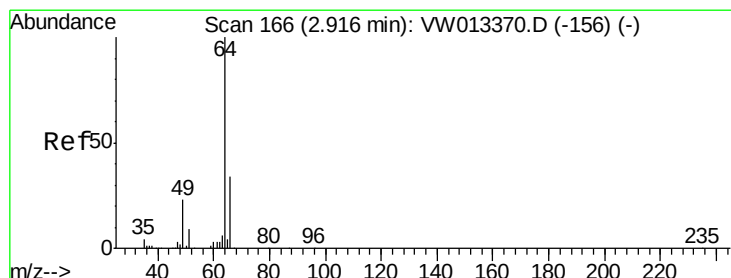
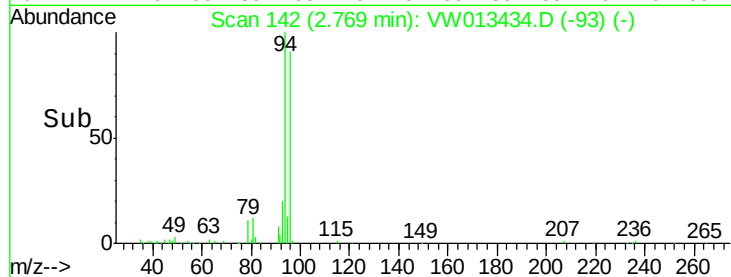
10000

5000

0

2.70 2.80 2.90

Time-->



#6

Chloroethane

Concen: 20.370 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013434.D

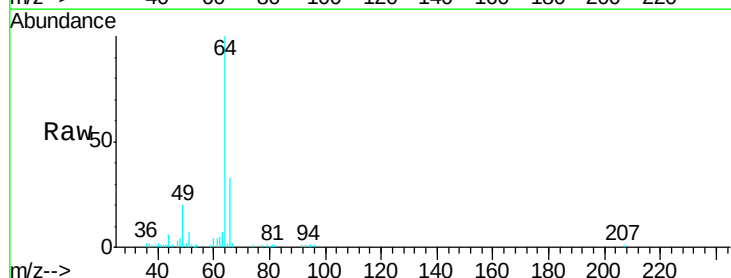
Acq: 04 Oct 2019 13:09

Tgt Ion: 64 Resp: 33703

Ion Ratio Lower Upper

64 100

66 33.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW

2.92

15000

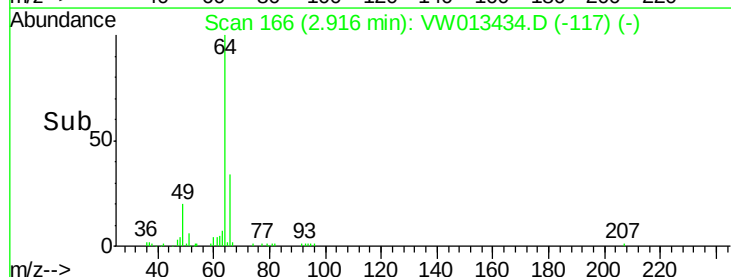
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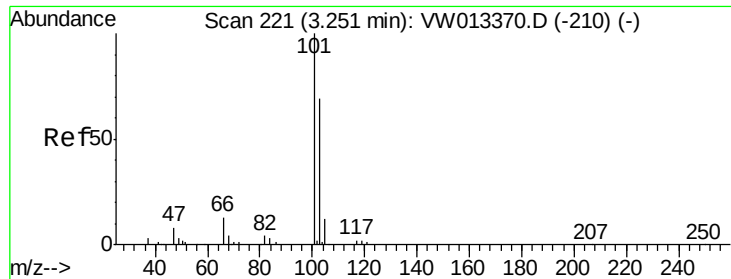
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0

2.80 2.90 3.00

Time-->





#7

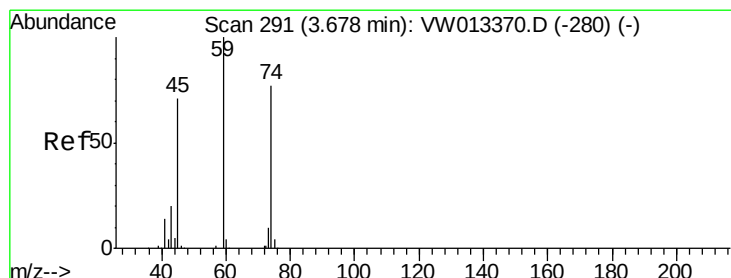
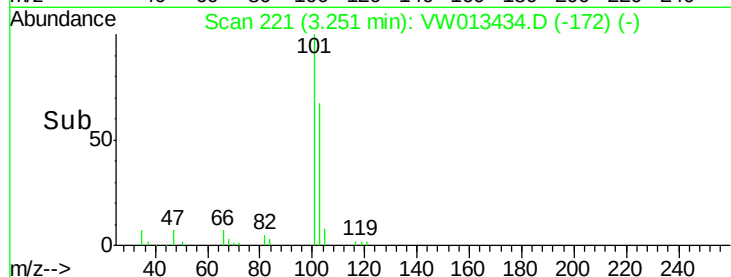
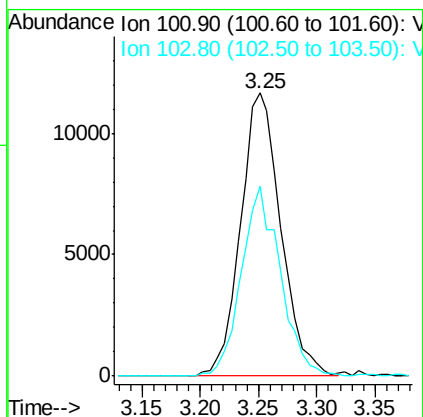
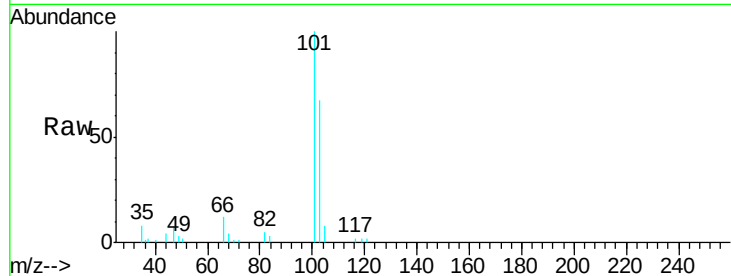
Trichlorofluoromethane
 Concen: 22.662 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	28171		
103	67.1	49.7	74.5	

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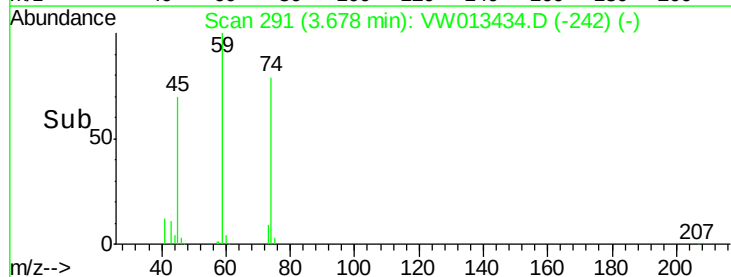
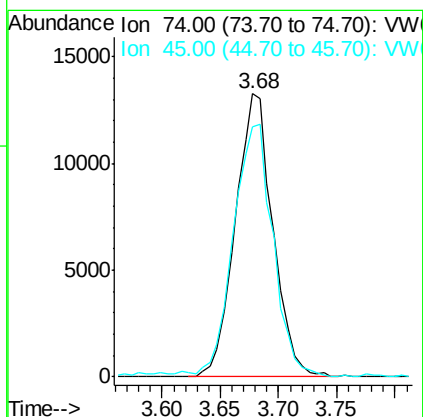
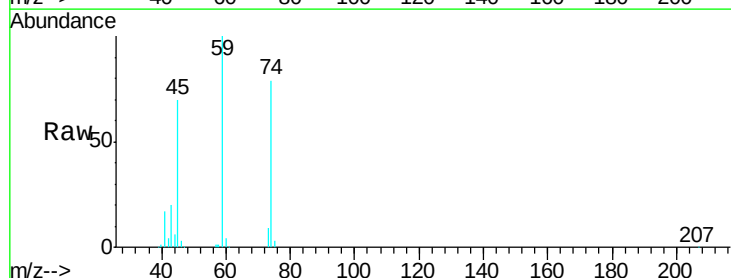
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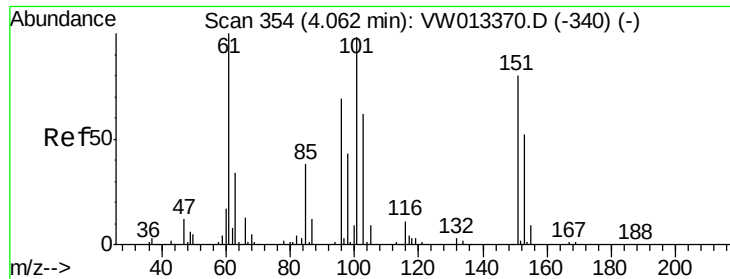


#8

Diethyl Ether
 Concen: 20.662 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	29728		
45	95.7	49.5	148.7	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.581 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

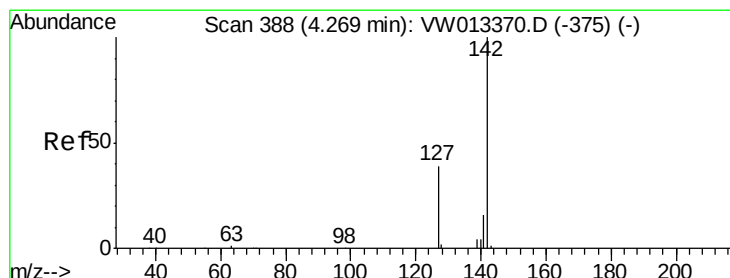
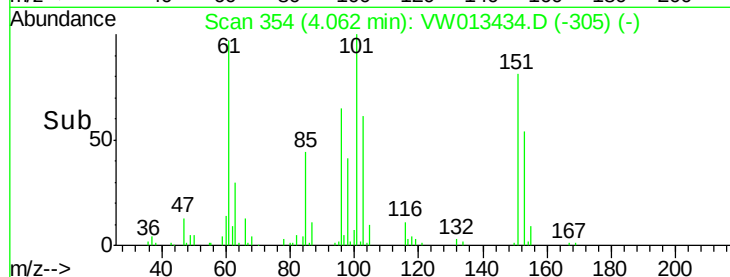
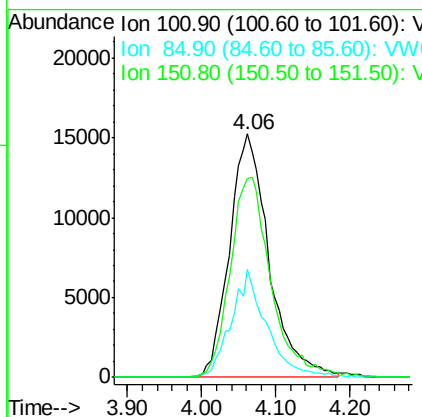
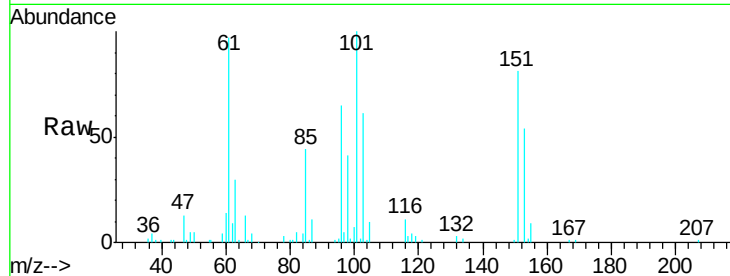
ClientSampleId :

VW1004SBSD01

Tgt Ion:	101	Resp:	56722
Ion Ratio	Lower	Upper	
101	100		
85	39.6	33.4	50.0
151	85.0	66.9	100.3

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#10

Methyl Iodide

Concen: 20.237 ug/l

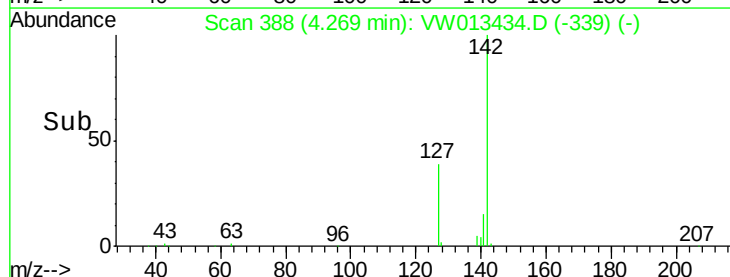
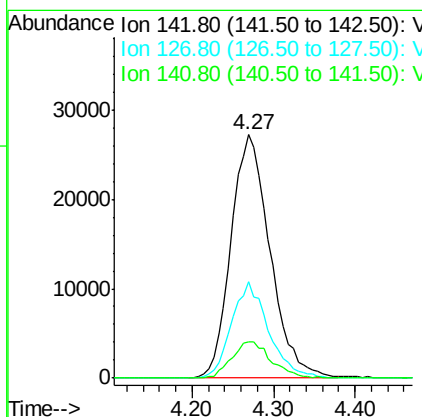
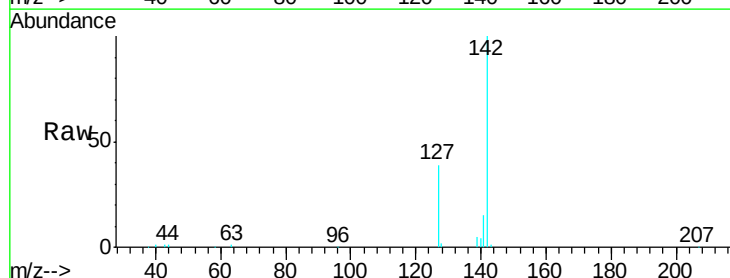
RT: 4.27 min Scan# 388

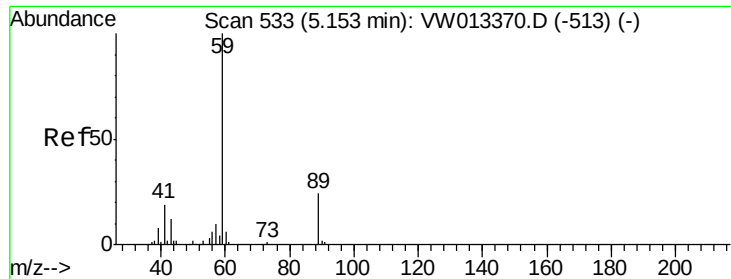
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	142	Resp:	90069
Ion Ratio	Lower	Upper	
142	100		
127	37.7	30.9	46.3
141	15.1	11.7	17.5





#11

Tert butyl alcohol

Concen: 111.535 ug/l m

RT: 5.19 min Scan# 539

Delta R.T. 0.04 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 59 Resp: 24280

Ion Ratio Lower Upper

59 100

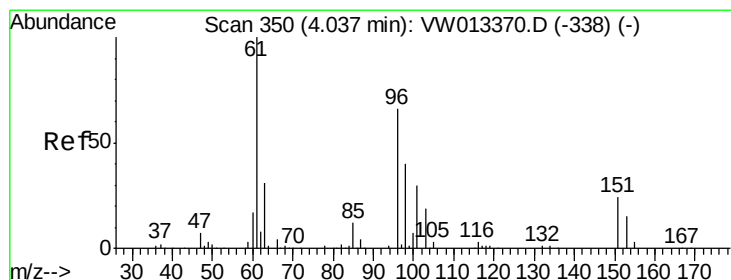
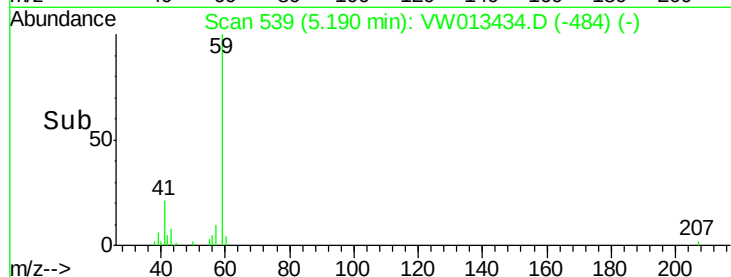
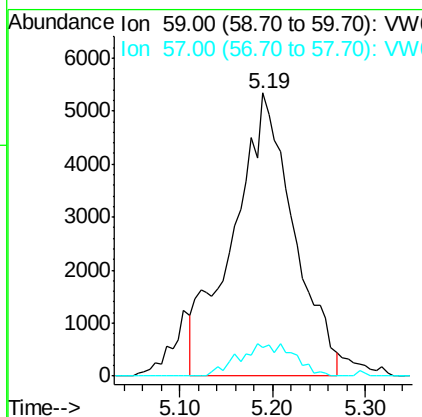
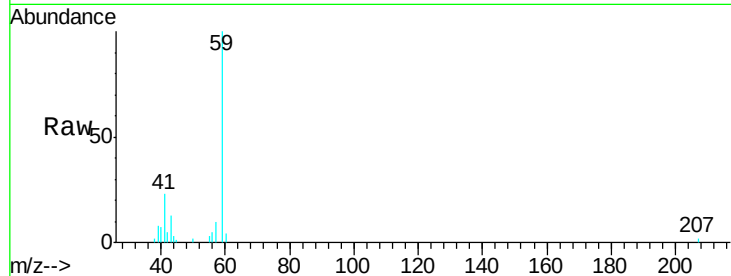
57 2.2 8.2 12.2#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 20.253 ug/l

RT: 4.04 min Scan# 350

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

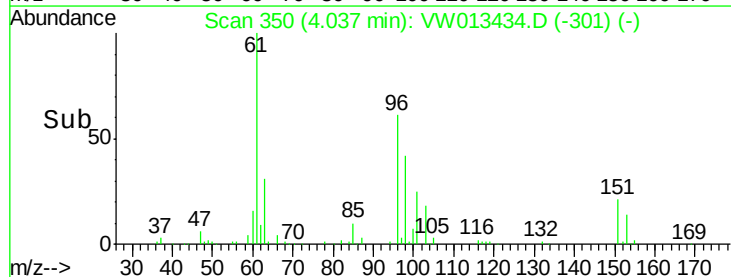
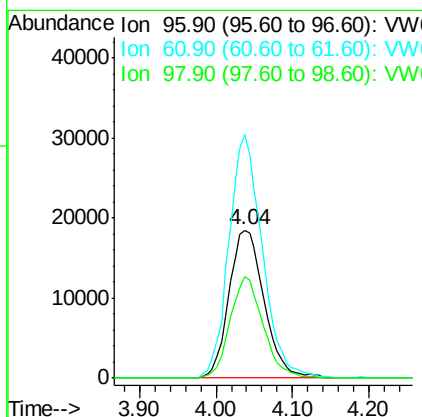
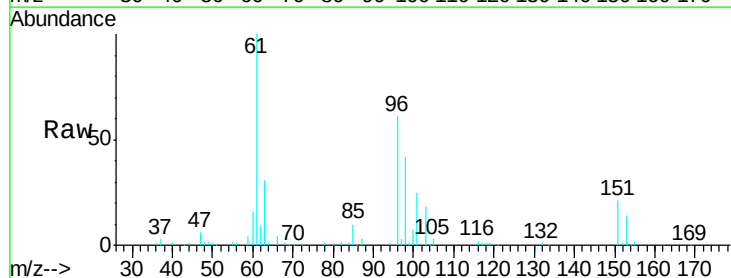
Tgt Ion: 96 Resp: 58973

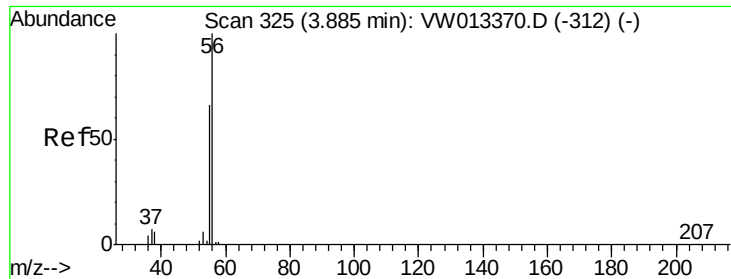
Ion Ratio Lower Upper

96 100

61 164.5 125.1 187.7

98 68.8 50.8 76.2





#13

Acrolein

Concen: 109.944 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleID :

VW1004SBSD01

Tgt Ion: 56 Resp: 24777

Ion Ratio Lower Upper

56 100

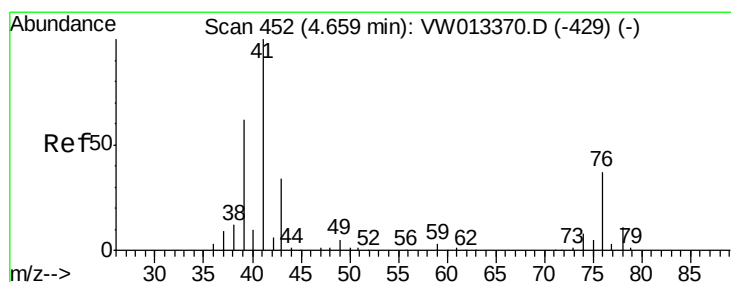
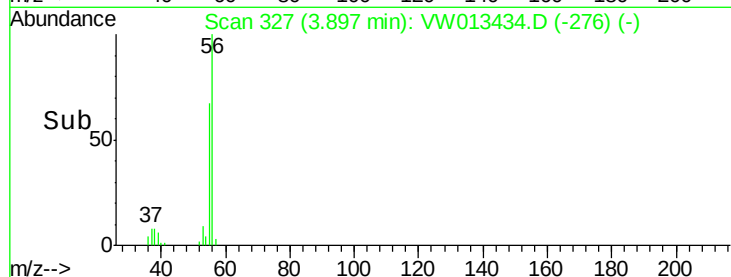
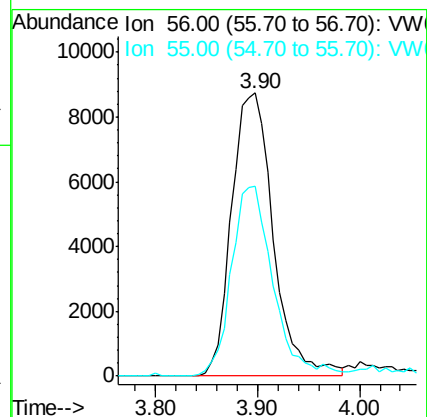
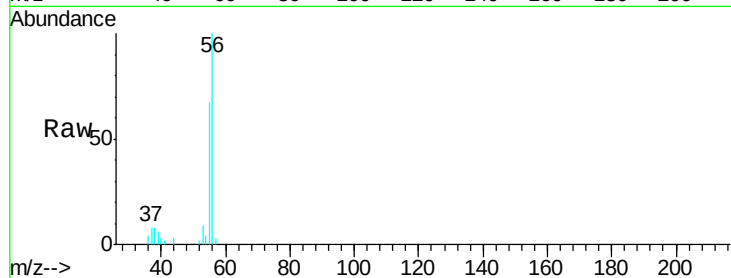
55 65.5 55.4 83.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.173 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

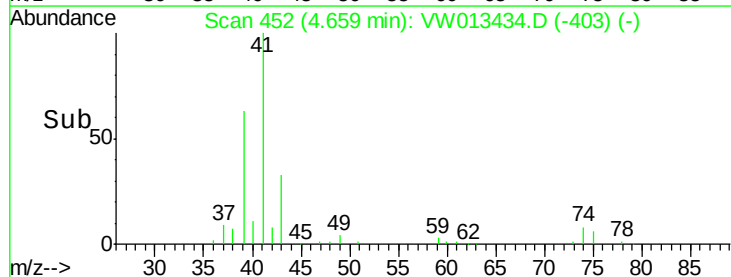
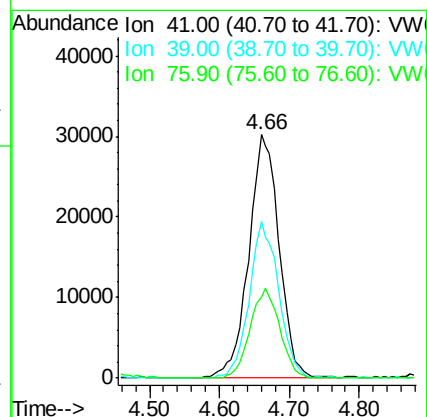
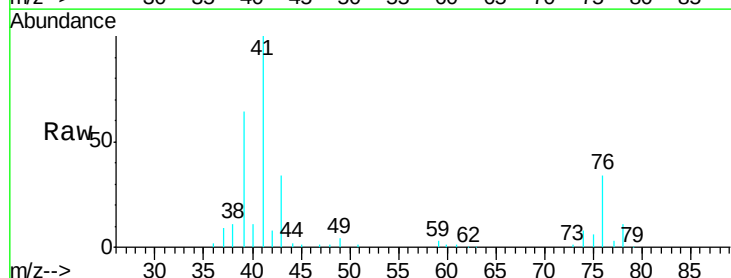
Tgt Ion: 41 Resp: 91204

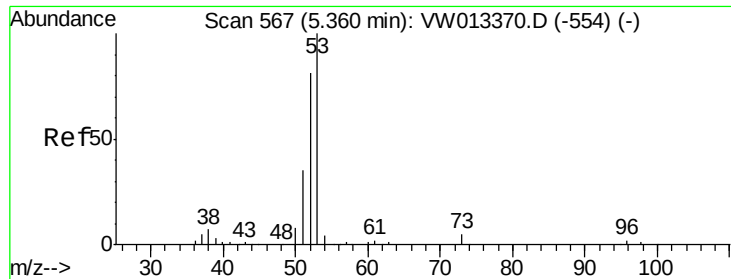
Ion Ratio Lower Upper

41 100

39 62.4 51.0 76.4

76 35.9 28.4 42.6





#15

Acrylonitrile

Concen: 108.952 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

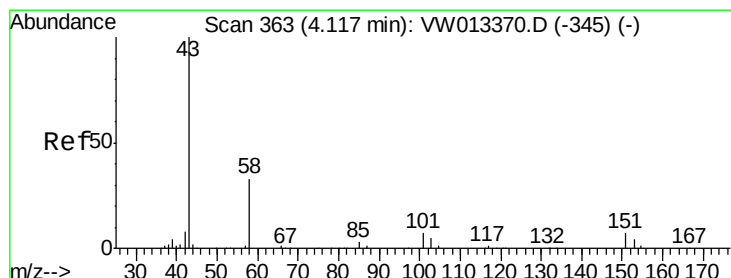
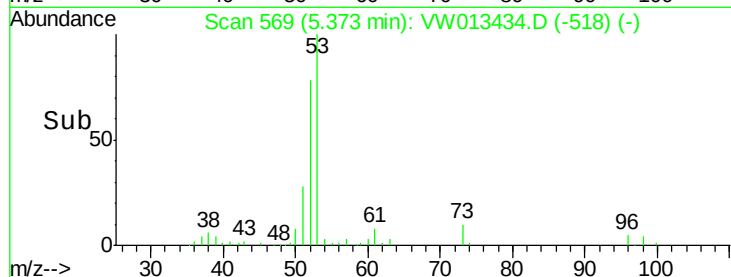
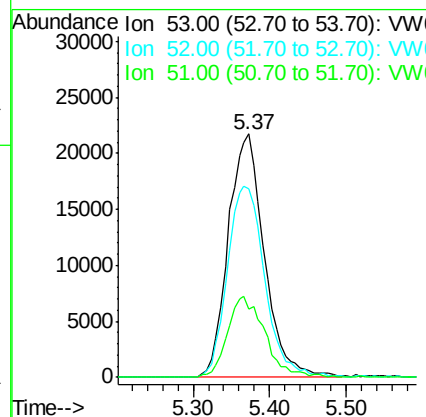
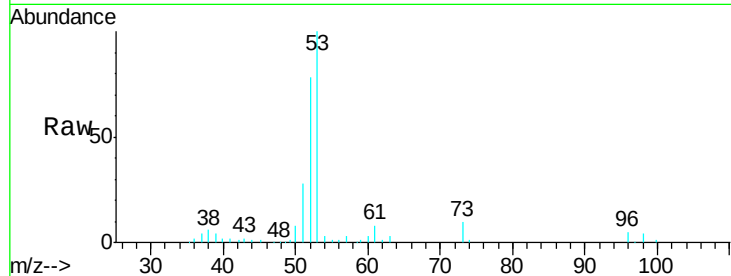
ClientSampleId :

VW1004SBSD01

Tgt Ion:	53	Resp:	70865
Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.3	97.9
51	34.4	29.0	43.4

Manual Integrations
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#16

Acetone

Concen: 81.864 ug/l

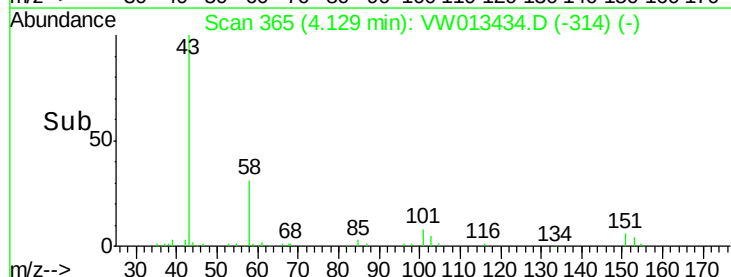
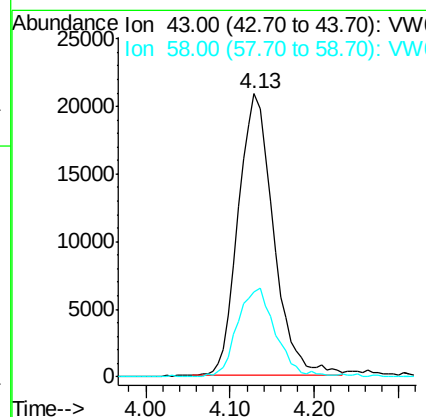
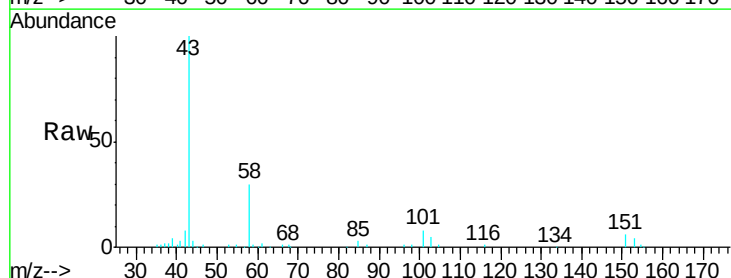
RT: 4.13 min Scan# 365

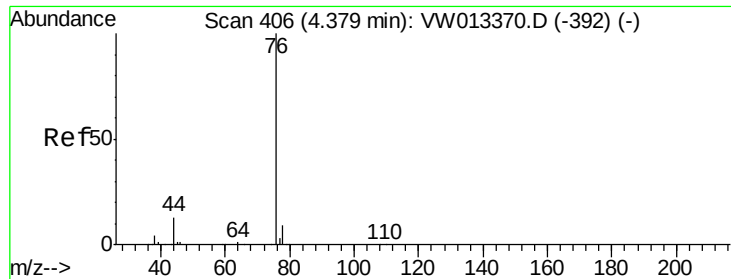
Delta R.T. 0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	43	Resp:	59266
Ion	Ratio	Lower	Upper
43	100		
58	30.4	24.1	36.1





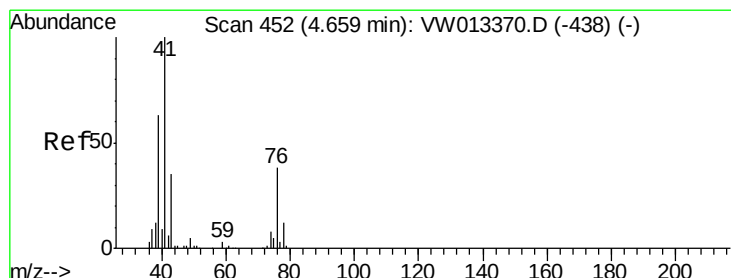
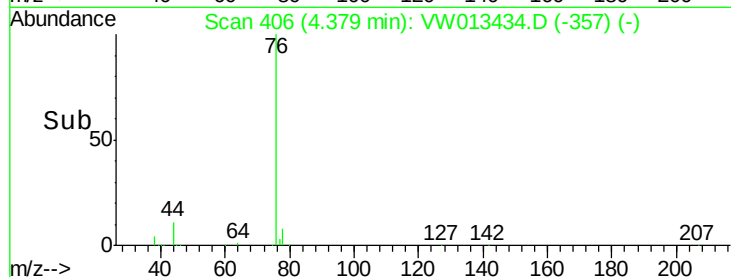
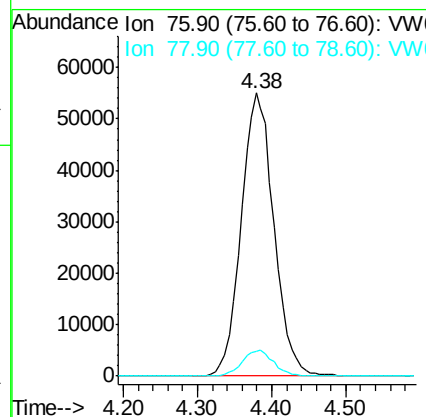
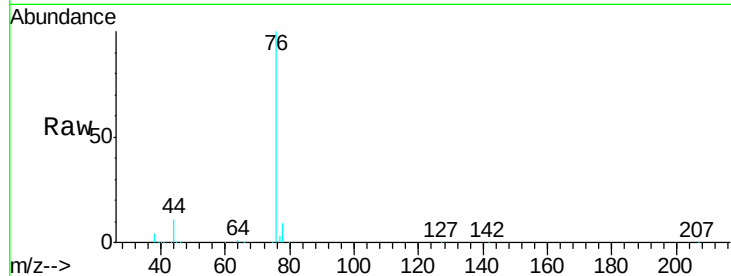
#17
Carbon Disulfide
Concen: 20.785 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.4

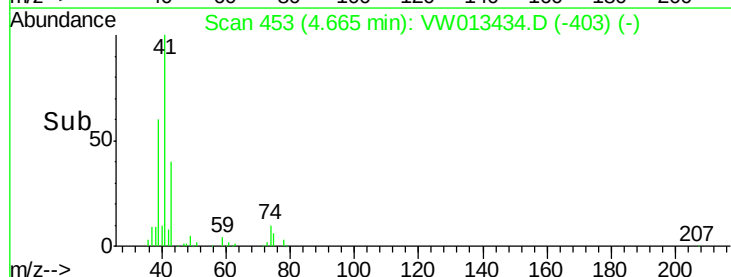
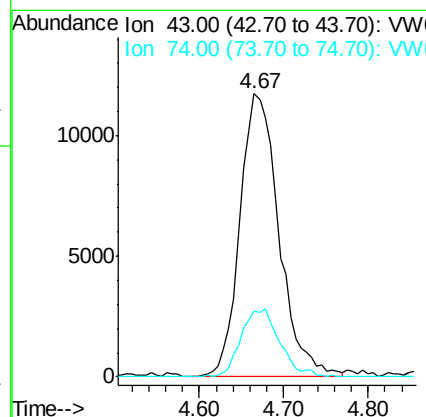
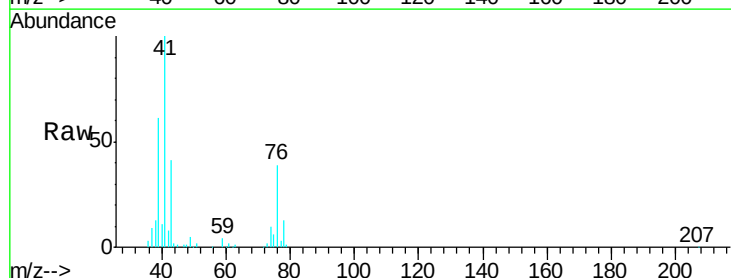
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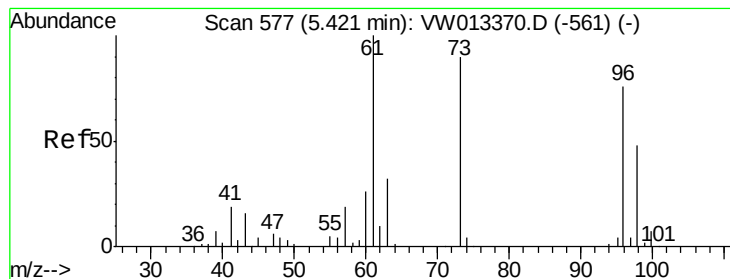
MMDadoda
10/9/2019 11:48:17 AM



#18
Methyl Acetate
Concen: 21.799 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.01 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.7	19.3	28.9





#19

Methyl tert-butyl Ether

Concen: 20.909 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tgt Ion: 73 Resp: 89607

Ion Ratio Lower Upper

73 100

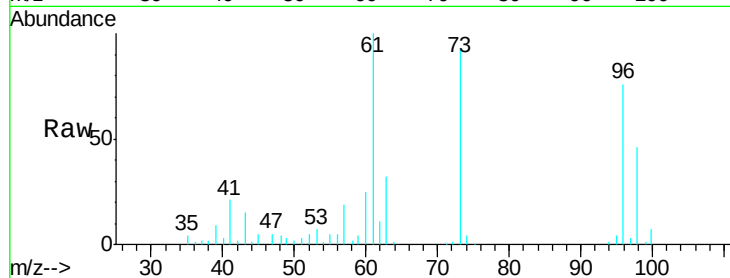
57 20.0 17.6 26.4

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Abundance Ion 73.00 (72.70 to 73.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.42

25000

20000

15000

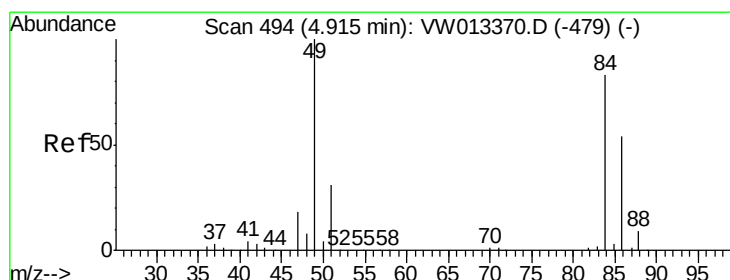
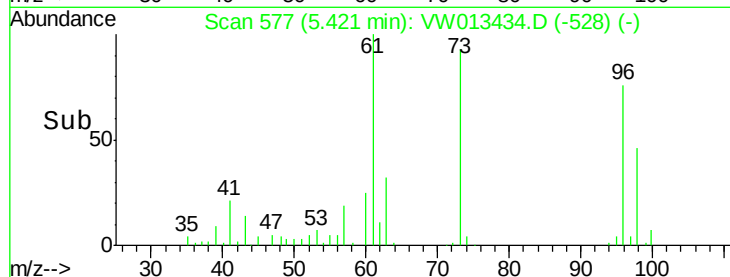
10000

5000

0

Time-->

5.30 5.40 5.50



#20

Methylene Chloride

Concen: 20.915 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion: 84 Resp: 66358

Ion Ratio Lower Upper

84 100

49 110.4 97.6 146.4

51 34.1 30.2 45.2

86 59.2 50.6 76.0

Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

30000

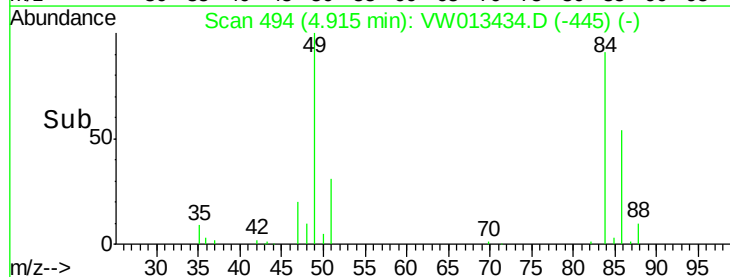
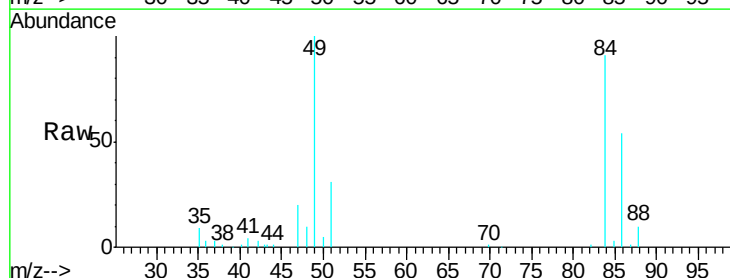
20000

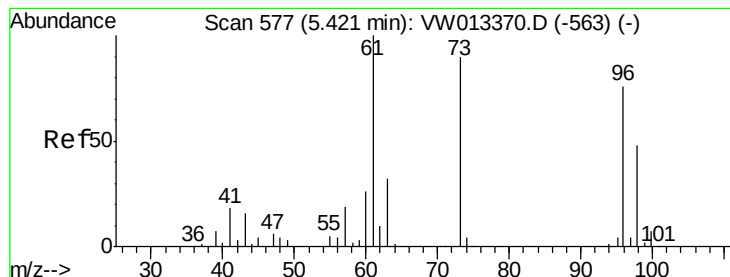
10000

0

Time-->

4.80 4.90 5.00 5.10





#21

trans-1,2-Dichloroethene

Concen: 20.164 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

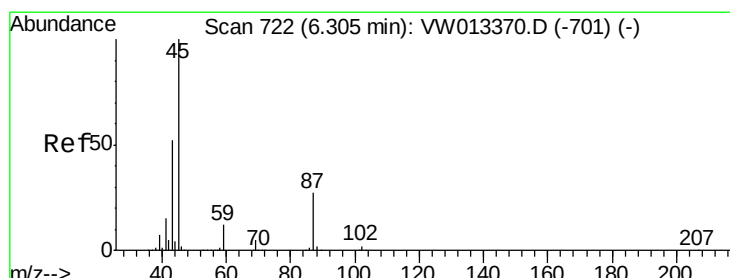
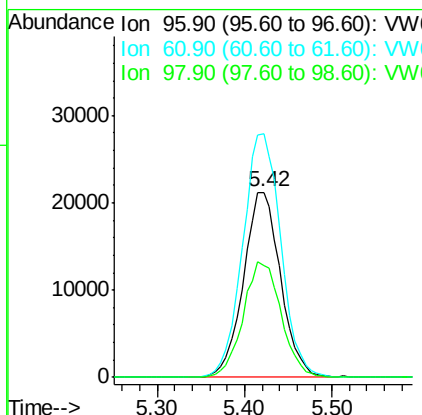
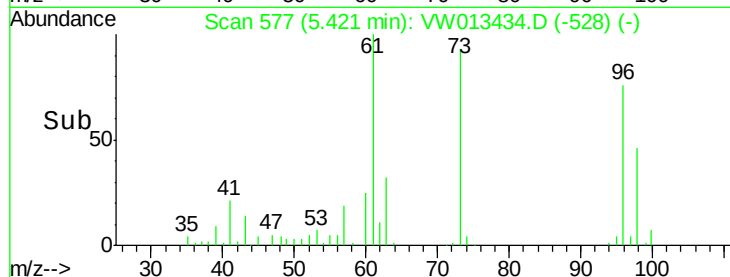
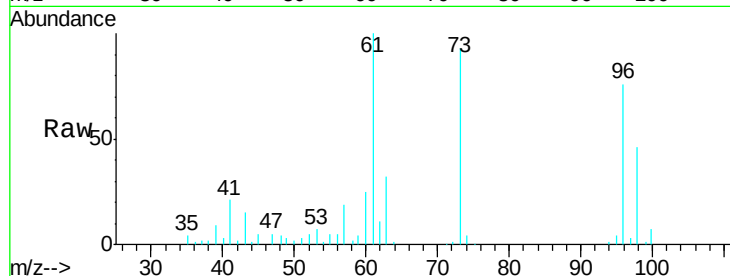
ClientSampled :

VW1004SBSD01

Tgt Ion:	96	Resp:	62529
Ion	Ratio	Lower	Upper
96	100		
61	131.7	106.6	159.8
98	60.6	49.8	74.8

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#22

Diisopropyl ether

Concen: 20.628 ug/l

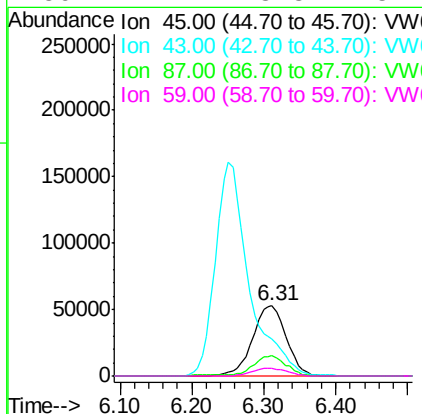
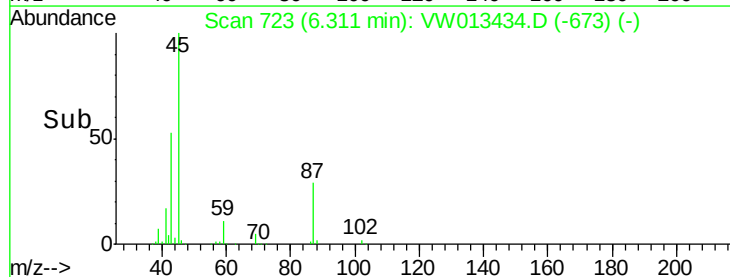
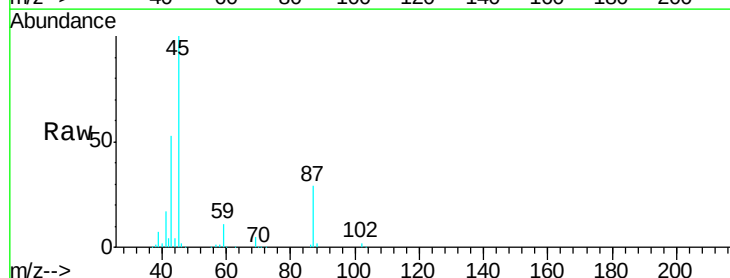
RT: 6.31 min Scan# 723

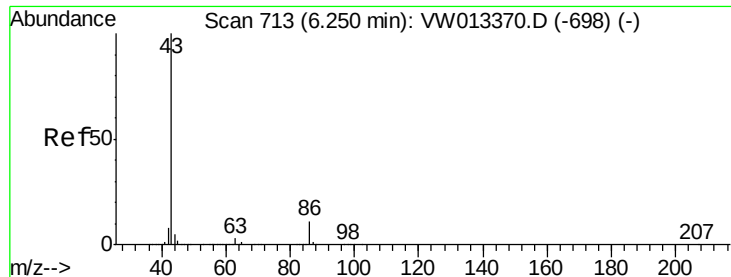
Delta R.T. 0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	45	Resp:	171597
Ion	Ratio	Lower	Upper
45	100		
43	52.0	42.4	63.6
87	28.8	20.4	30.6
59	11.1	8.8	13.2





#23

Vinyl Acetate

Concen: 105.545 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 43 Resp: 526838

Ion Ratio Lower Upper

43 100

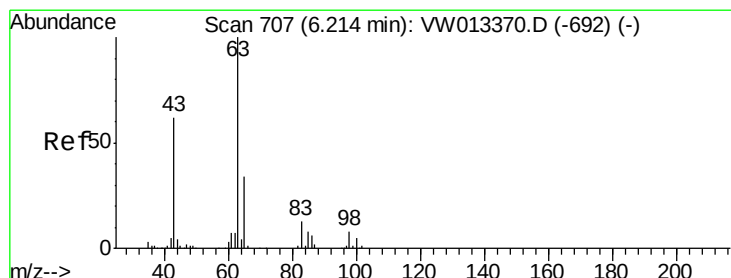
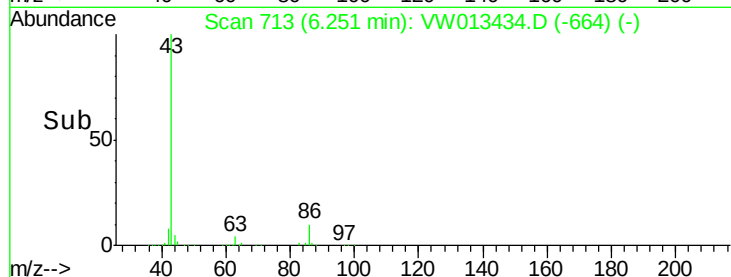
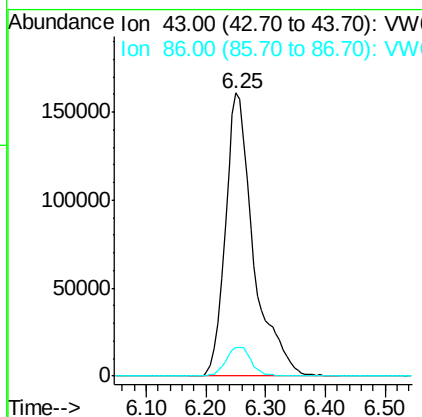
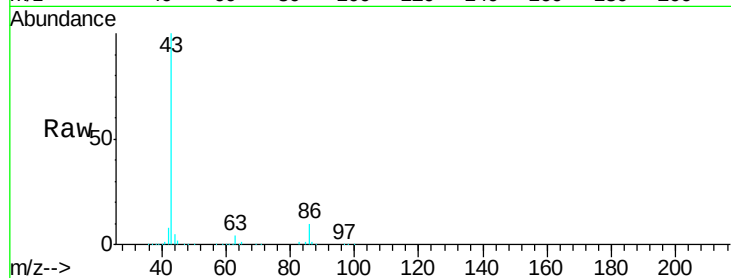
86 10.0 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 20.333 ug/l

RT: 6.21 min Scan# 707

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

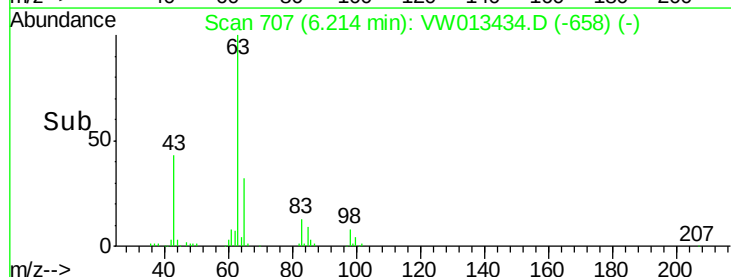
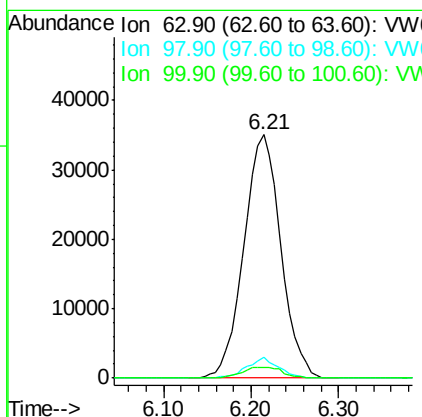
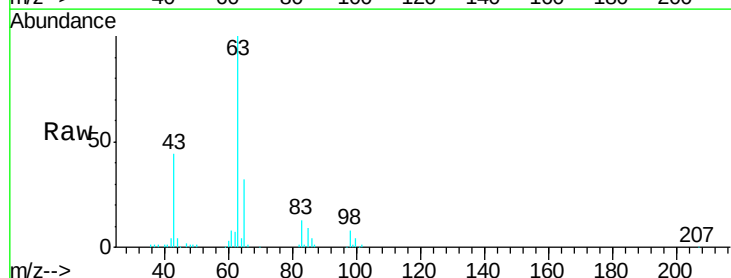
Tgt Ion: 63 Resp: 103026

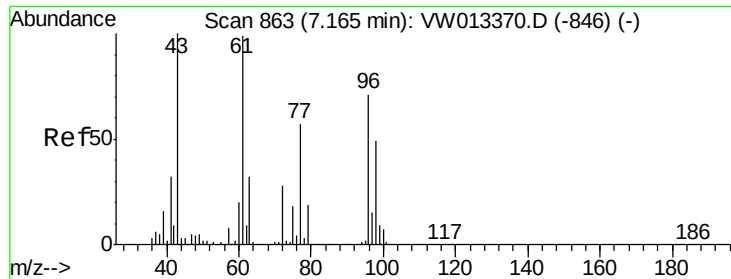
Ion Ratio Lower Upper

63 100

98 8.4 3.5 10.5

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 99.014 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tgt Ion: 43 Resp: 91722

Ion Ratio Lower Upper

43 100

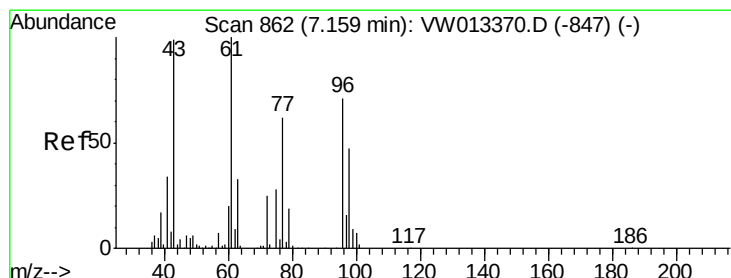
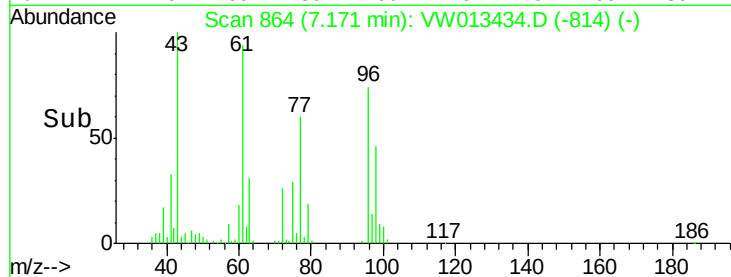
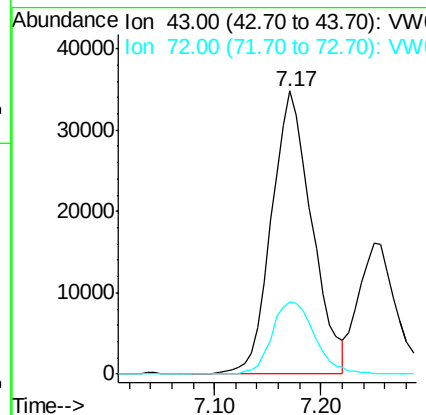
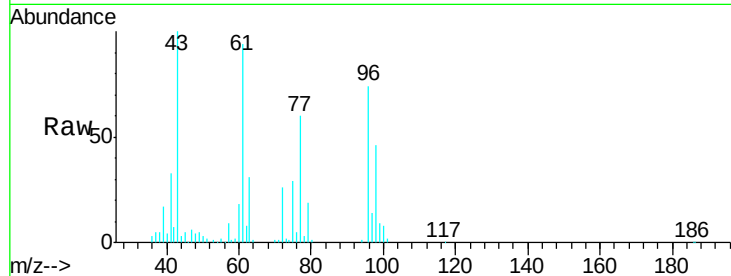
72 25.7 19.4 29.0

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 21.669 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013434.D

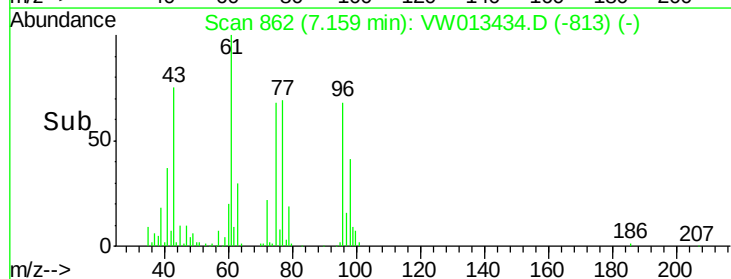
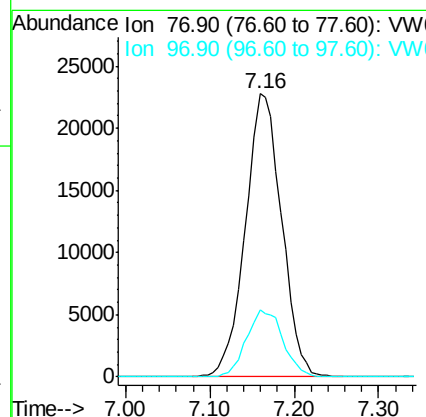
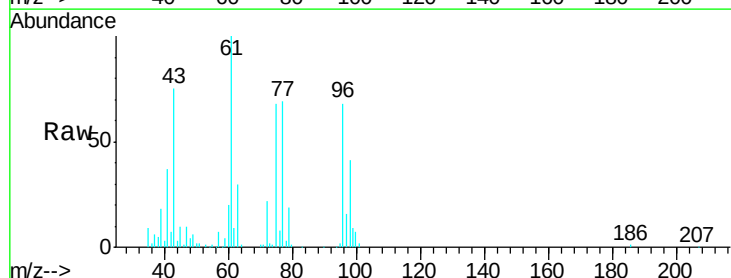
Acq: 04 Oct 2019 13:09

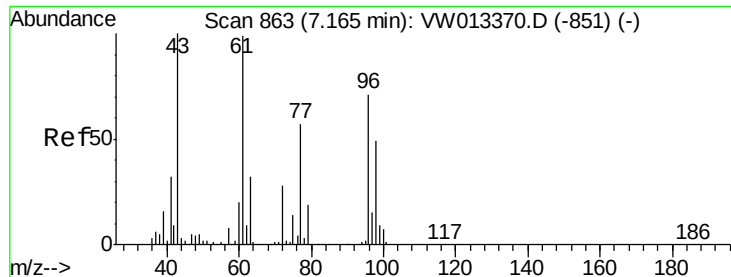
Tgt Ion: 77 Resp: 66283

Ion Ratio Lower Upper

77 100

97 23.8 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 20.339 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

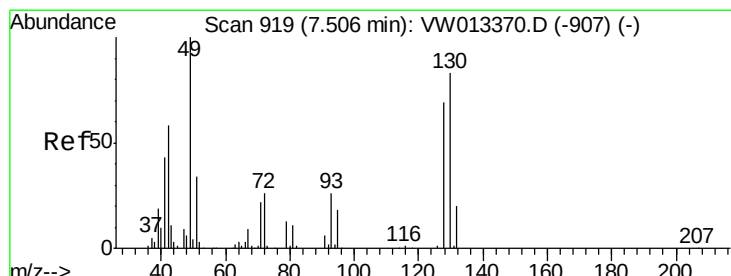
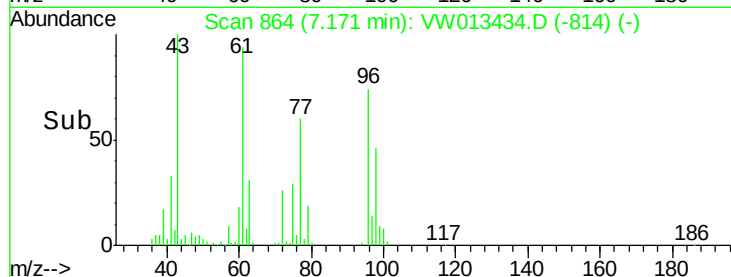
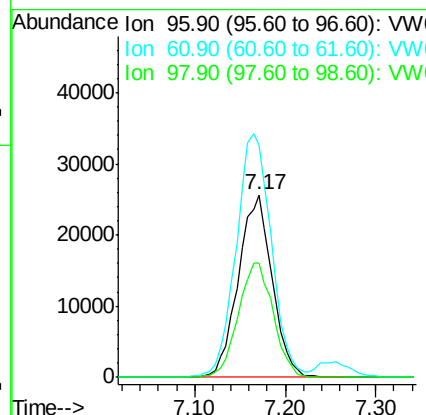
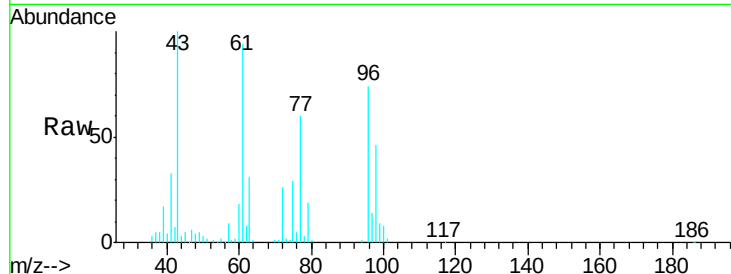
ClientSampleId :

VW1004SBSD01

Tgt Ion:	96	Resp:	66017
Ion	Ratio	Lower	Upper
96	100		
61	139.2	0.0	282.4
98	64.8	0.0	128.2

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#28

Bromochloromethane

Concen: 18.814 ug/l

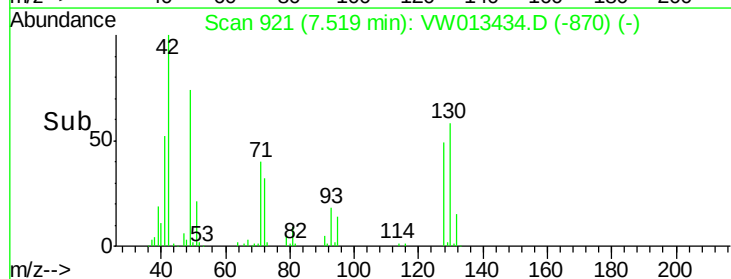
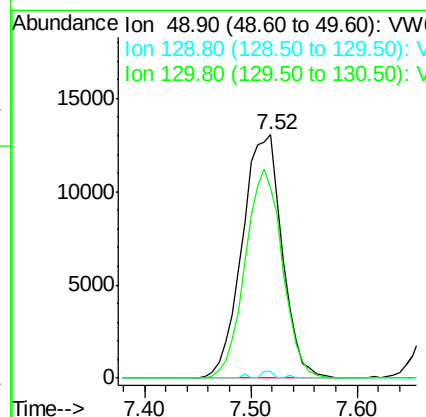
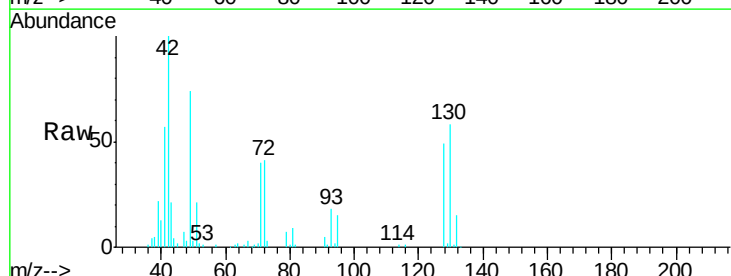
RT: 7.52 min Scan# 921

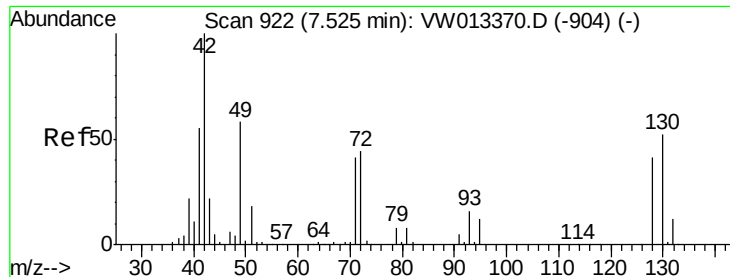
Delta R.T. 0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	49	Resp:	34466
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	1.0
130	79.9	63.4	95.2





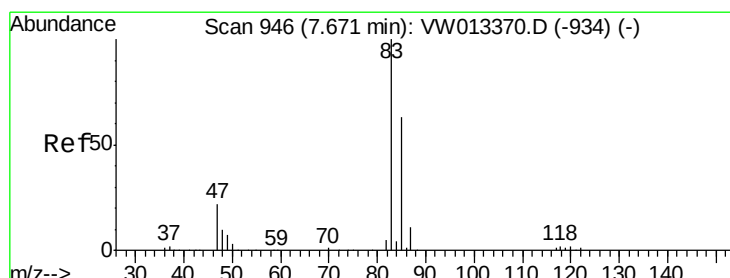
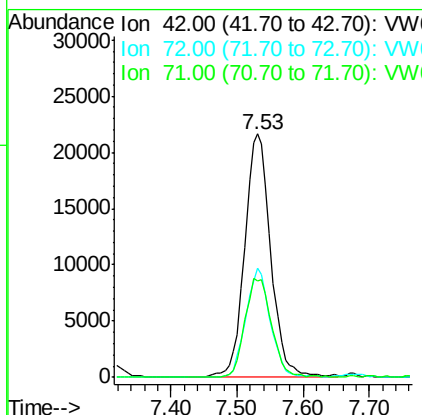
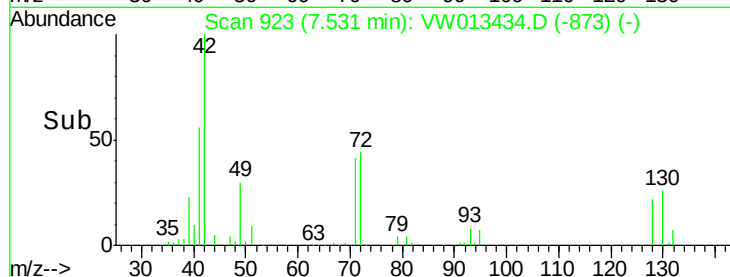
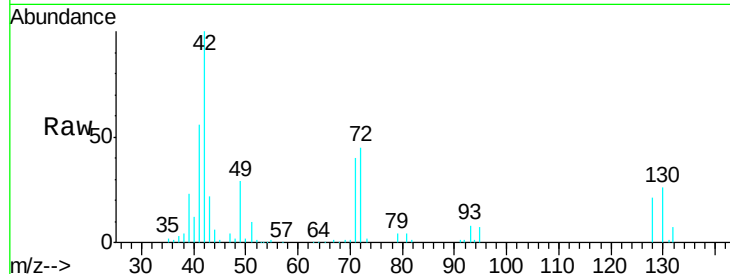
#29
Tetrahydrofuran
Concen: 115.750 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.2	33.9	50.9
71	41.2	31.9	47.9

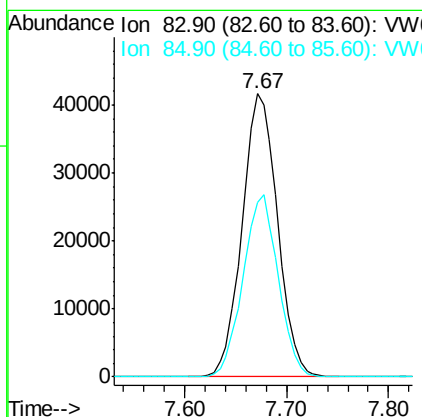
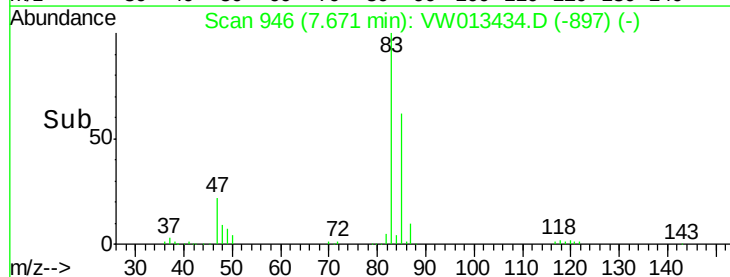
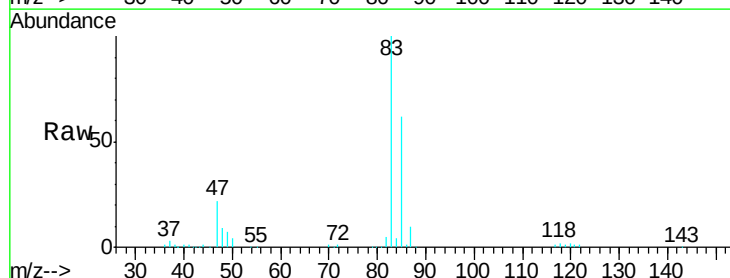
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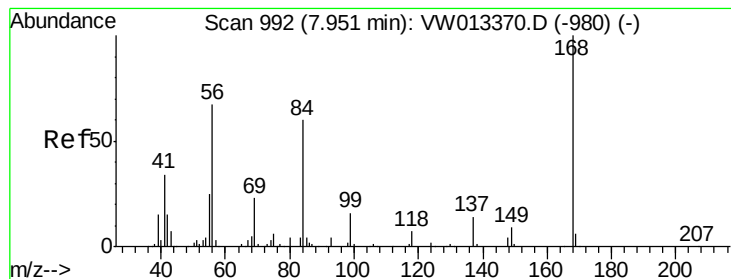
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#30
Chloroform
Concen: 20.233 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.3	78.5





#31

Cyclohexane

Concen: 20.545 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

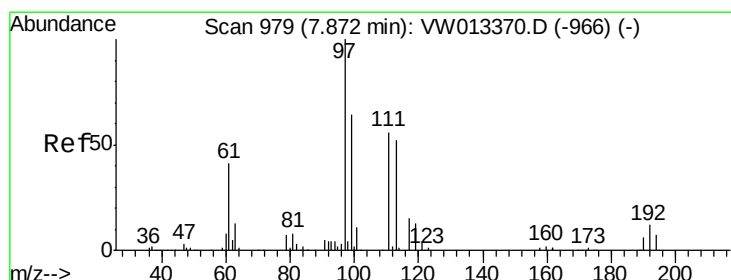
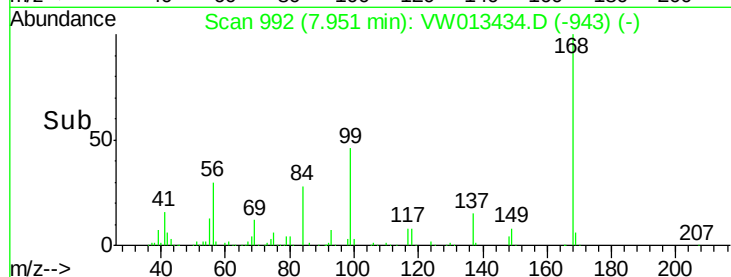
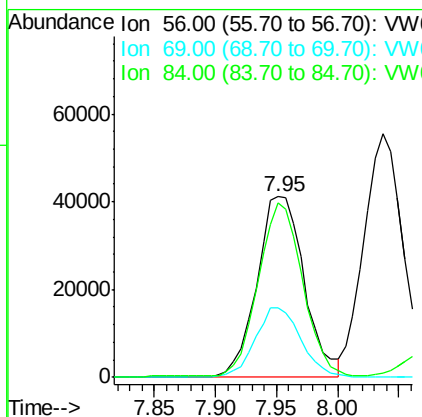
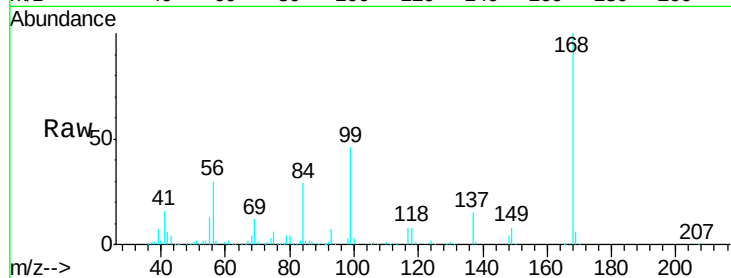
ClientSampled :

VW1004SBSD01

Tgt Ion:	56	Resp:	111015
Ion Ratio		Lower	Upper
56	100		
69	38.6	27.2	40.8
84	95.4	70.8	106.2

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#32

1,1,1-Trichloroethane

Concen: 21.030 ug/l

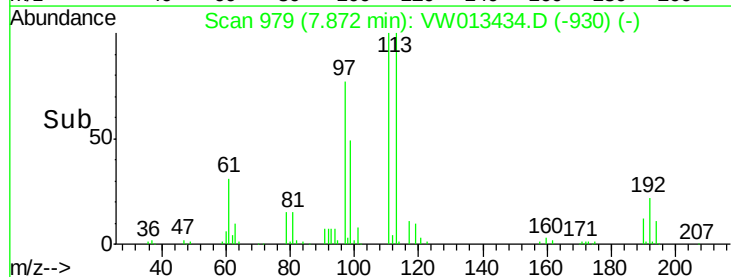
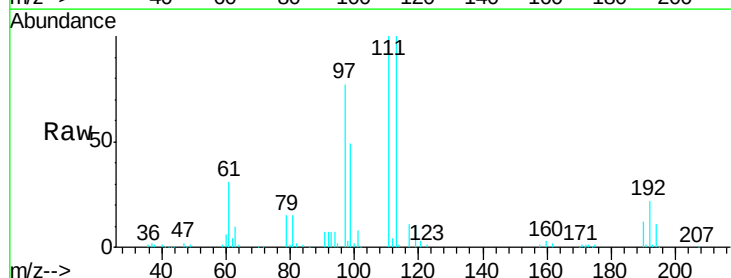
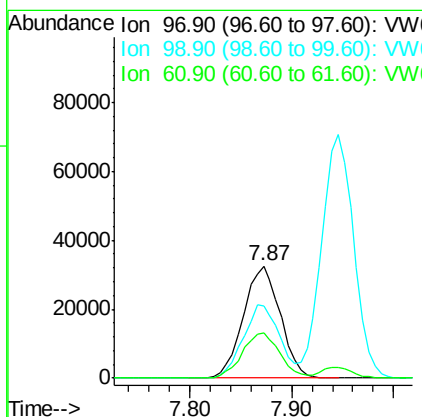
RT: 7.87 min Scan# 979

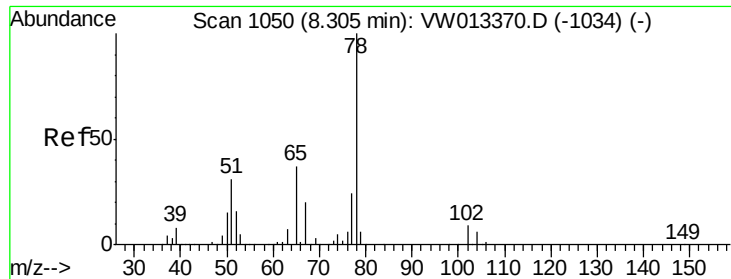
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	97	Resp:	81857
Ion Ratio		Lower	Upper
97	100		
99	63.7	51.7	77.5
61	41.6	34.6	51.8





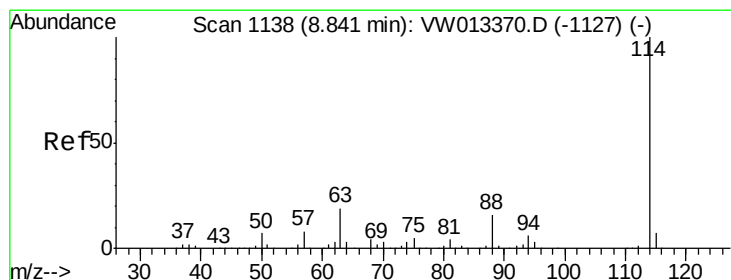
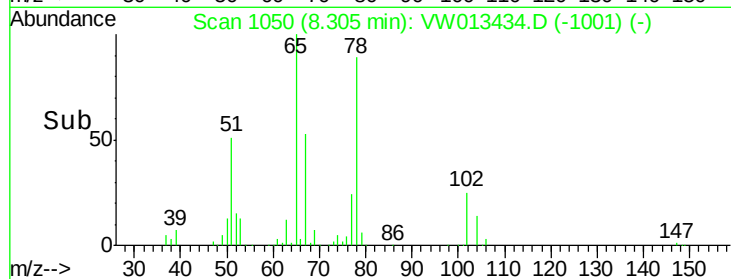
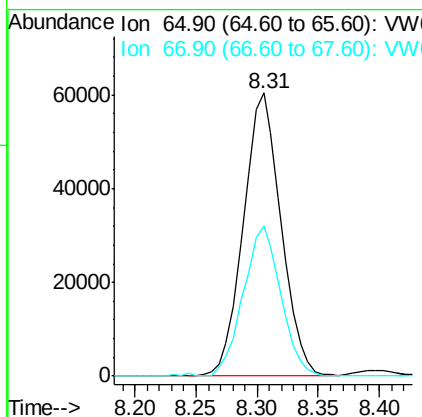
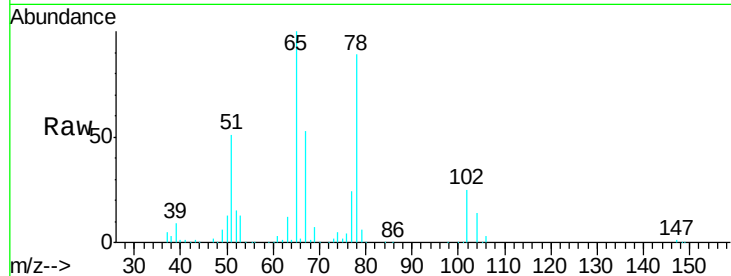
#33
 1,2-Dichloroethane-d4
 Concen: 54.774 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	129368		
67	52.9	0.0	106.2	

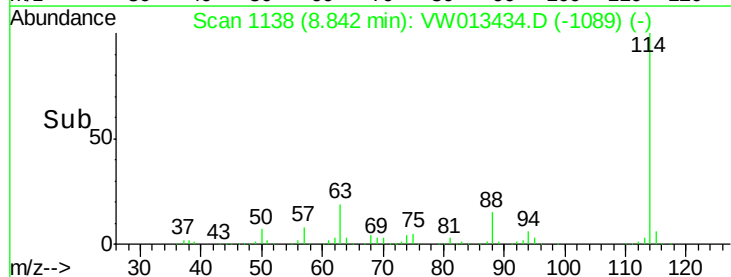
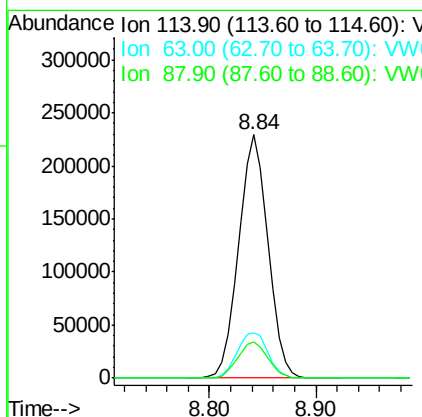
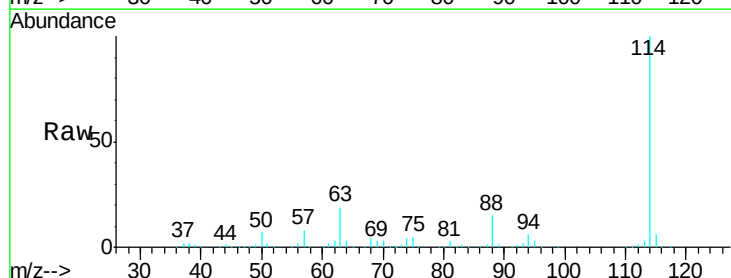
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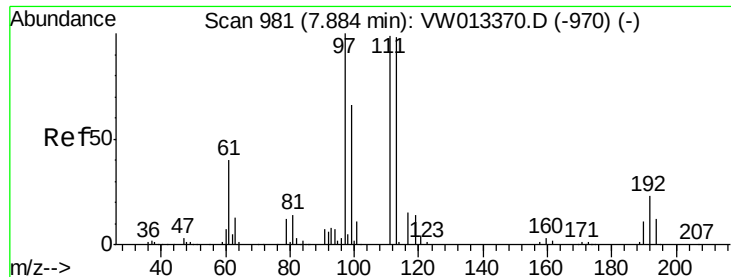
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	443991		
63	18.7	0.0	41.4	
88	14.9	0.0	32.0	





#35

Dibromofluoromethane

Concen: 55.828 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

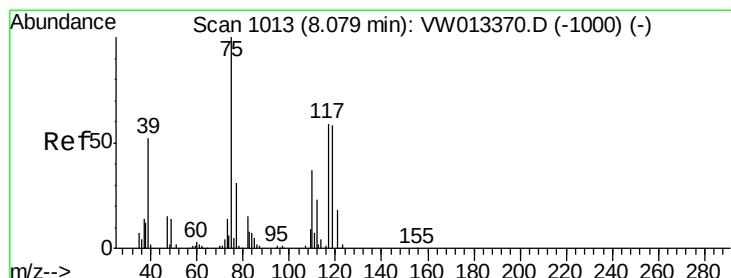
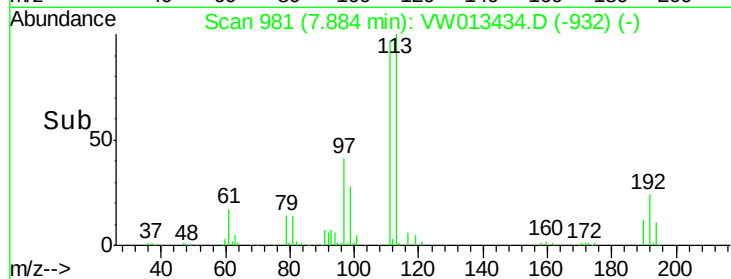
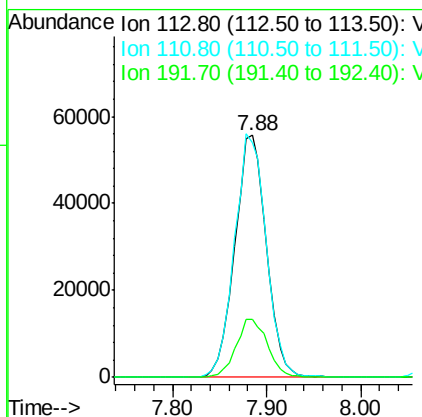
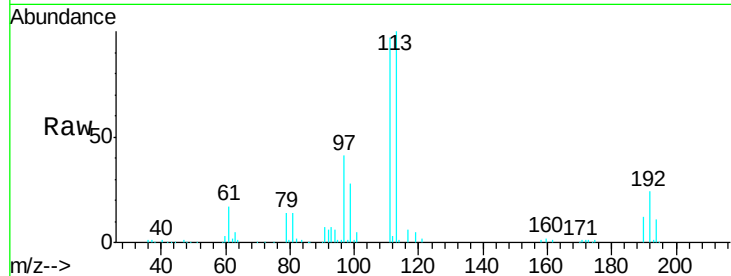
ClientSampled :

VW1004SBSD01

Tgt Ion:	113	Resp:	130064
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.9	122.9
192	23.8	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 21.261 ug/l

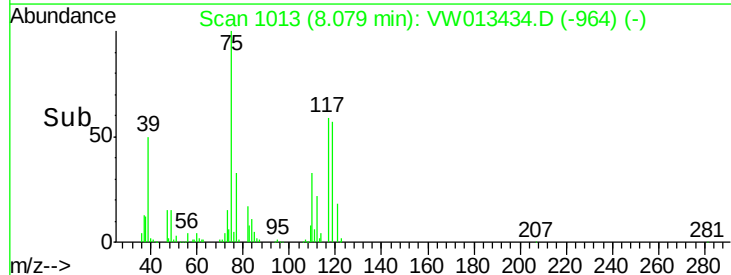
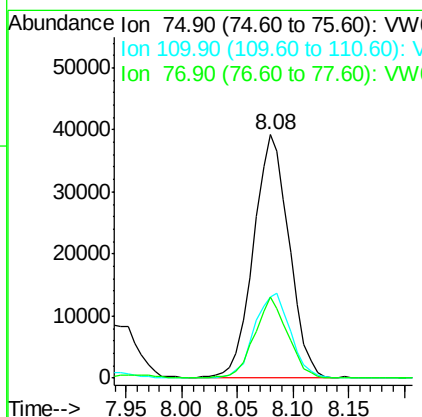
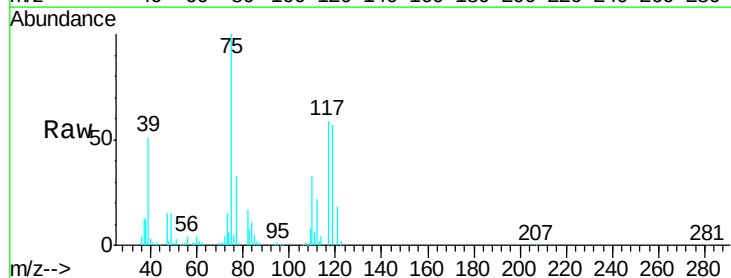
RT: 8.08 min Scan# 1013

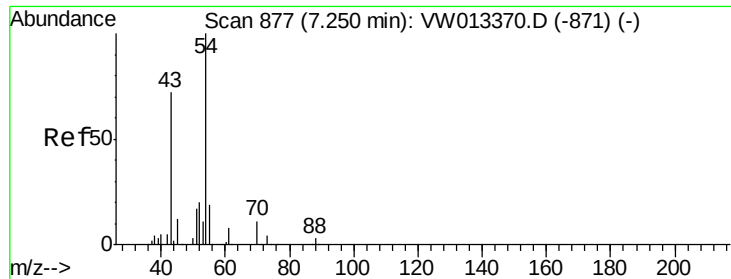
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	75	Resp:	87678
Ion Ratio	Lower	Upper	
75	100		
110	35.2	18.1	54.3
77	30.9	25.8	38.6





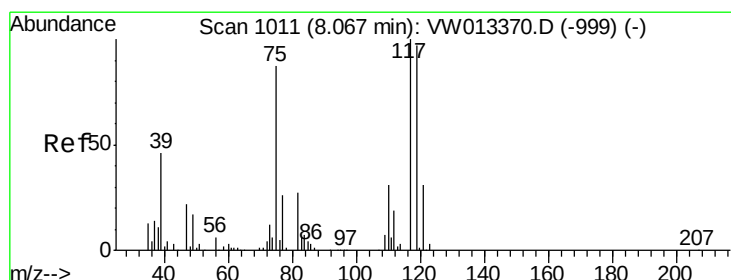
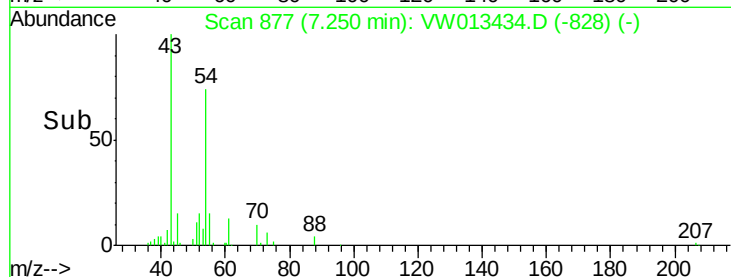
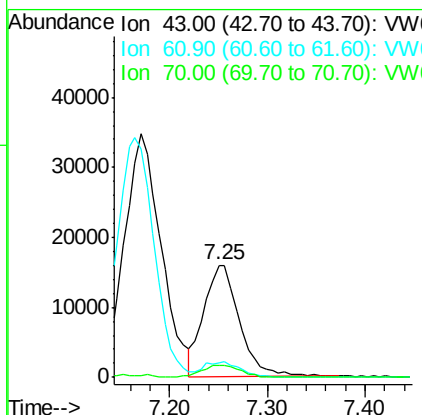
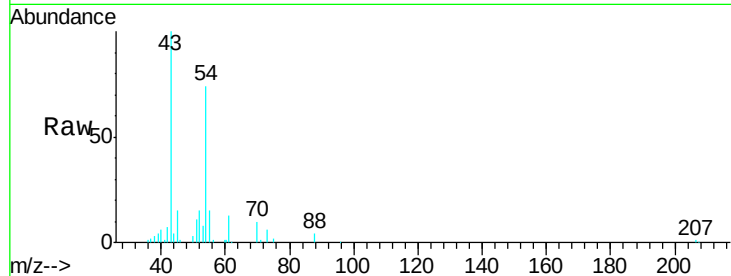
#37
Ethyl Acetate
Concen: 22.267 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	10.9	16.3
70	11.5	8.2	12.2

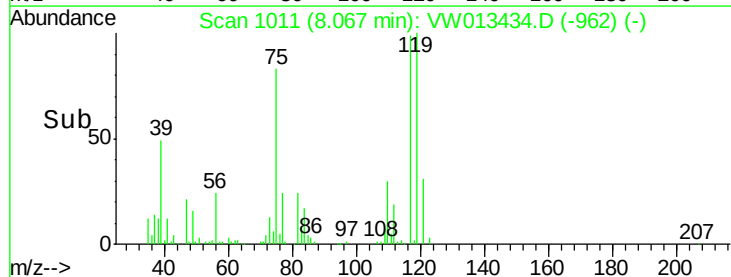
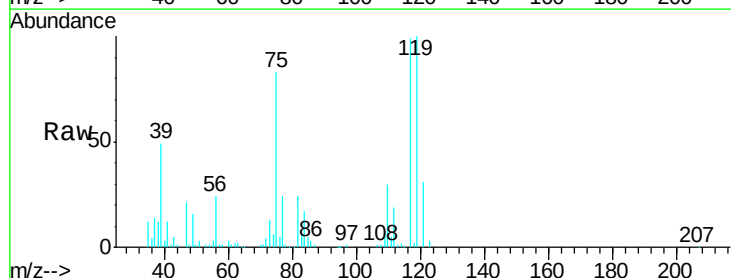
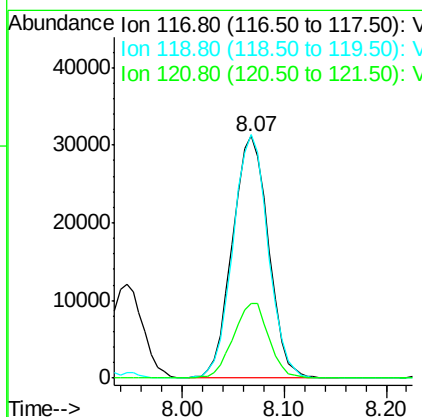
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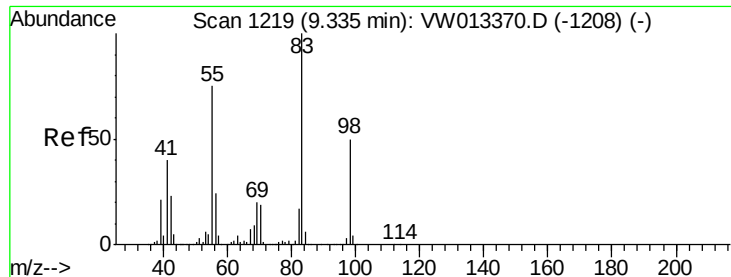
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#38
Carbon Tetrachloride
Concen: 21.405 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	100.7	73.5	110.3
121	31.0	25.0	37.6





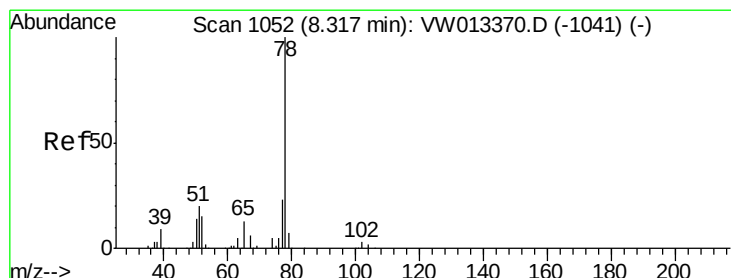
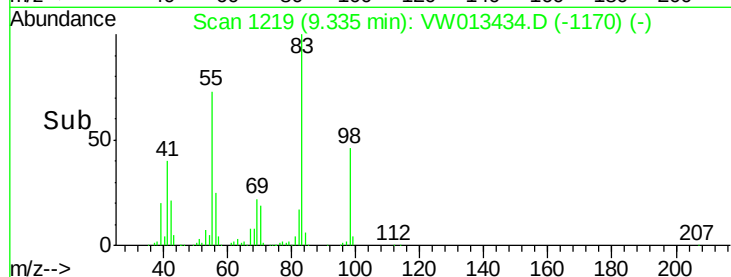
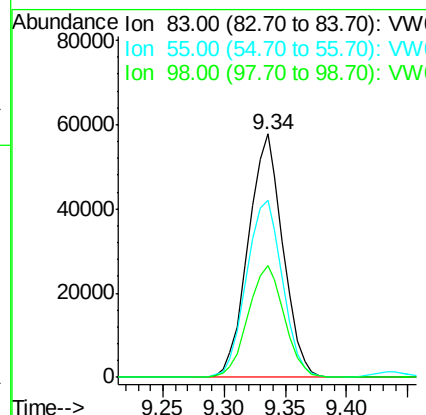
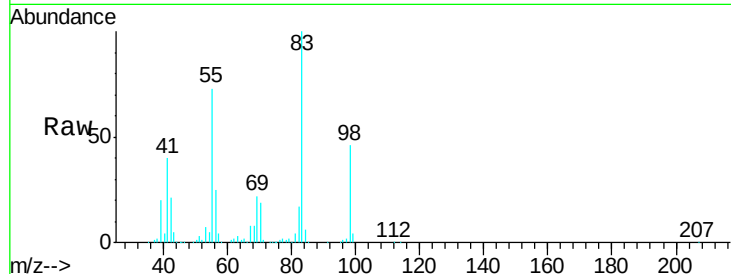
#39
Methylcyclohexane
Concen: 20.981 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	113950		
55	72.7	60.4	90.6	
98	46.2	40.0	60.0	

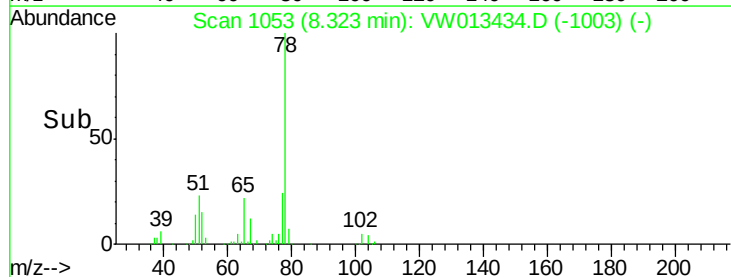
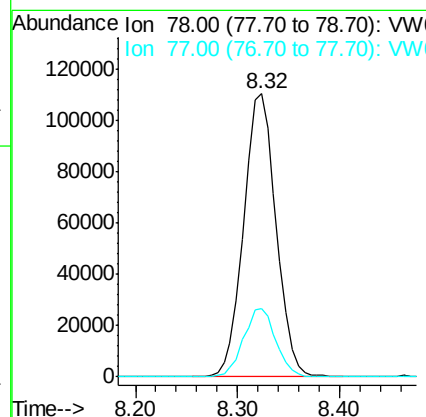
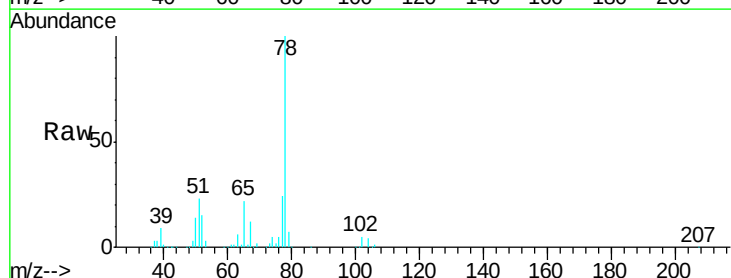
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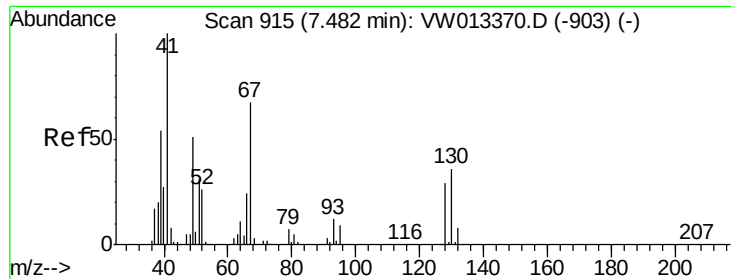
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#40
Benzene
Concen: 20.894 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	243911		
77	24.1	19.1	28.7	





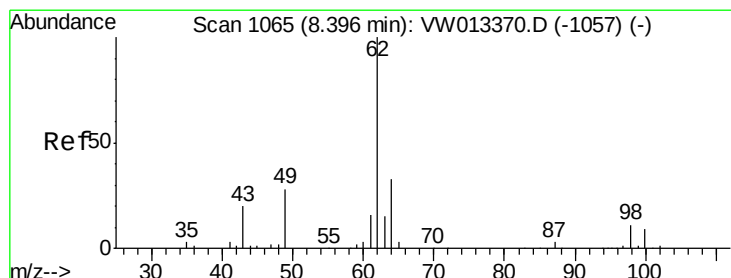
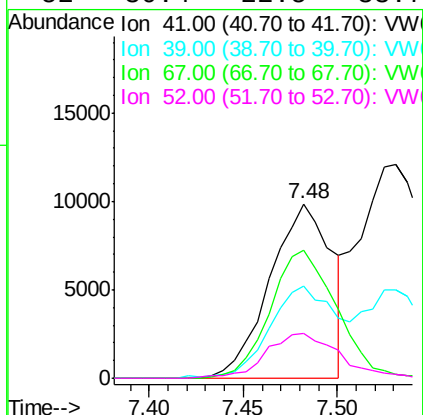
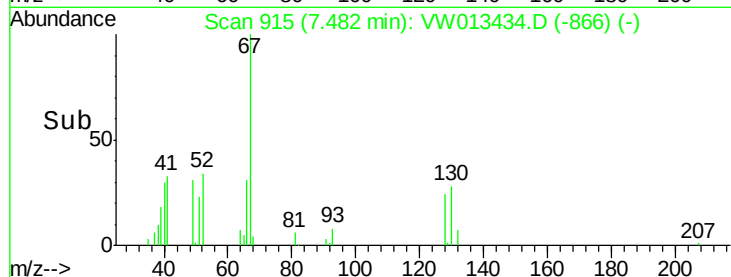
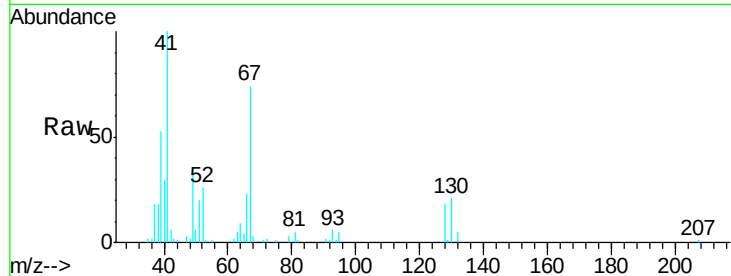
#41
Methacrylonitrile
Concen: 20.484 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.0	45.9	68.9
67	78.5	54.5	81.7
52	30.4	22.5	33.7

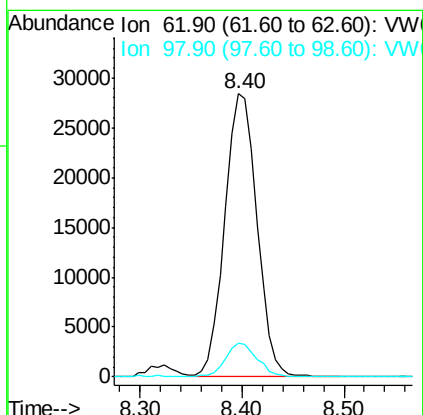
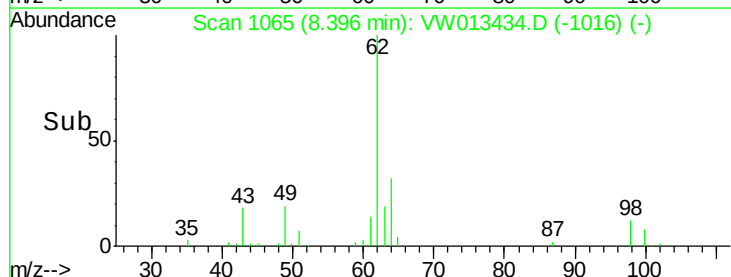
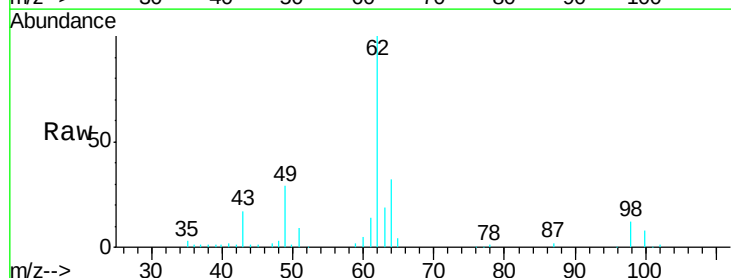
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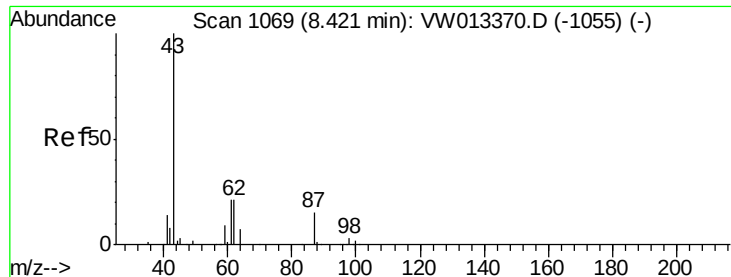
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#42
1,2-Dichloroethane
Concen: 20.782 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	20.6





#43

Isopropyl Acetate

Concen: 21.286 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

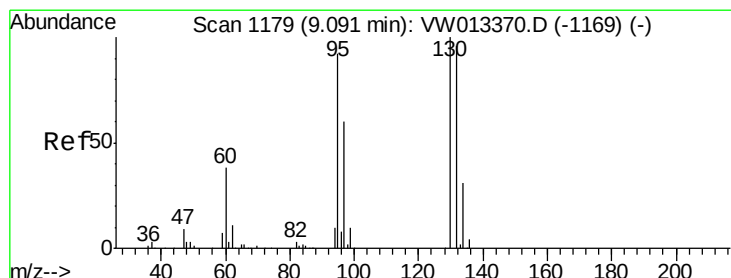
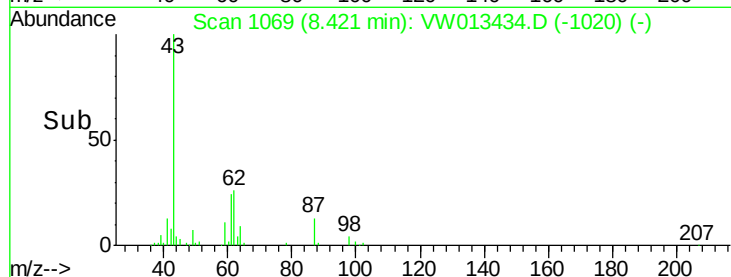
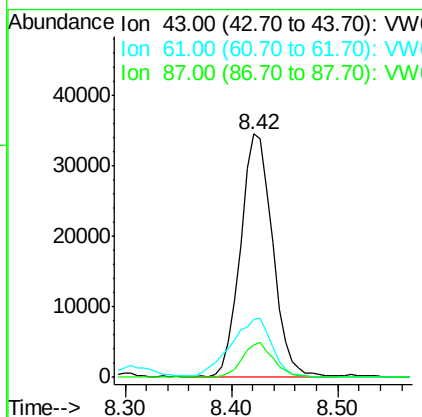
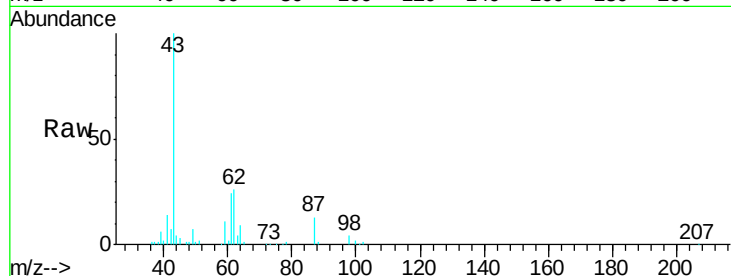
ClientSampleId :

VW1004SBSD01

Tgt Ion:	43	Resp:	72914
Ion	Ratio	Lower	Upper
43	100		
61	31.7	25.5	38.3
87	13.9	11.0	16.4

Manual Integrations
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#44

Trichloroethene

Concen: 21.494 ug/l

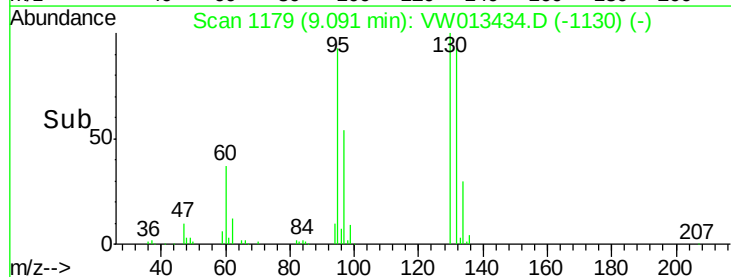
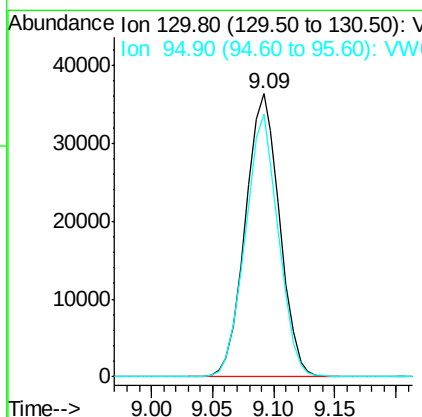
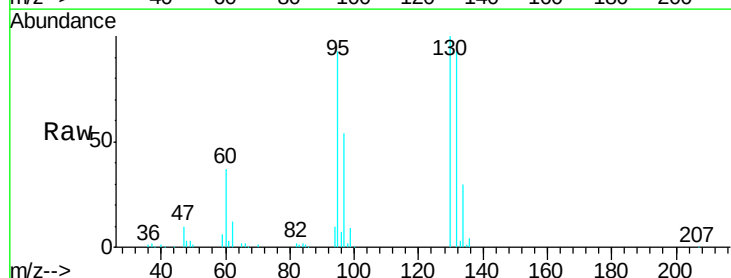
RT: 9.09 min Scan# 1179

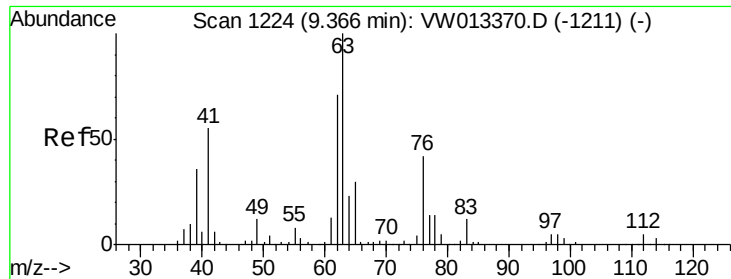
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	130	Resp:	70659
Ion	Ratio	Lower	Upper
130	100		
95	93.0	0.0	188.0





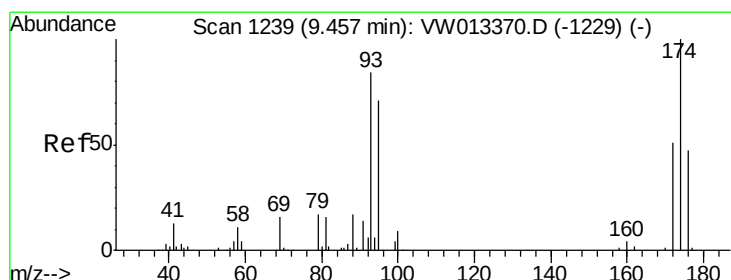
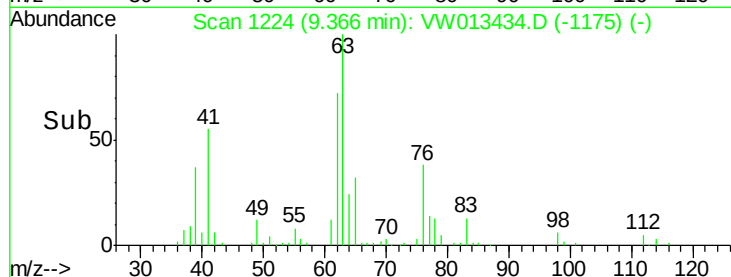
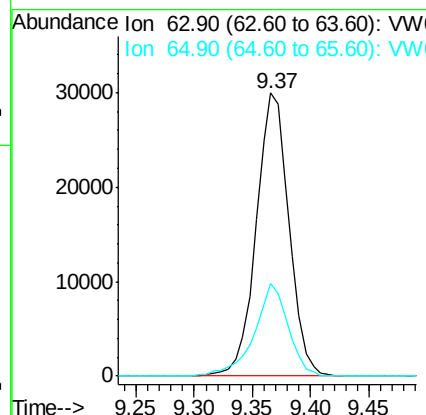
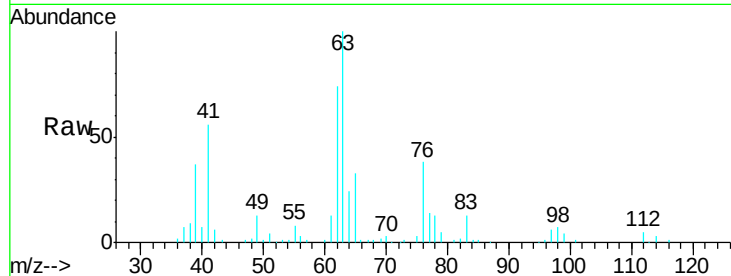
#45
 1,2-Dichloropropane
 Concen: 20.947 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampled :
 VW1004SBS01

Tgt Ion: 63 Resp: 58710
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.3 37.9

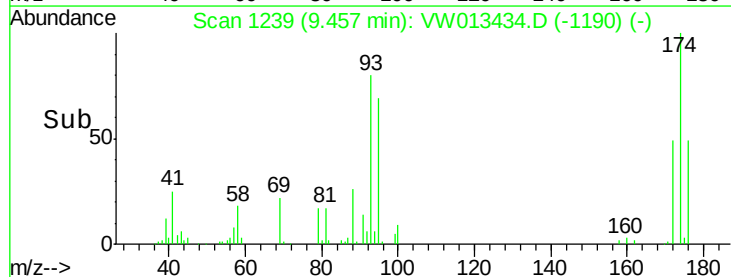
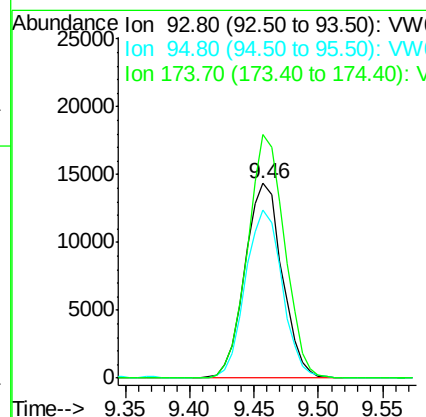
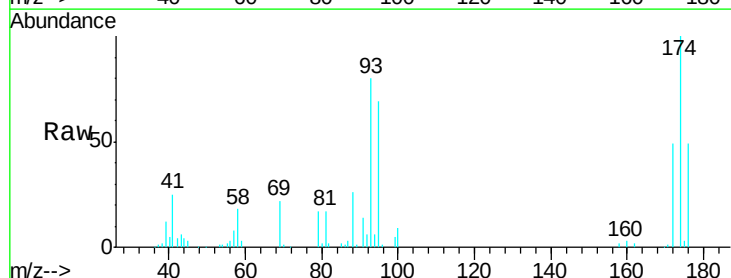
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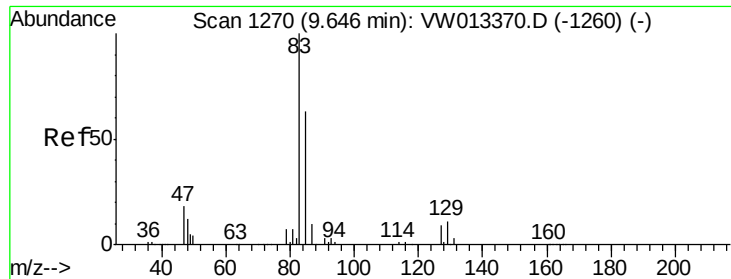
MMDadoda
 10/9/2019 11:48:17 AM



#46
 Dibromomethane
 Concen: 20.571 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion: 93 Resp: 28718
 Ion Ratio Lower Upper
 93 100
 95 85.6 66.4 99.6
 174 123.8 93.0 139.6





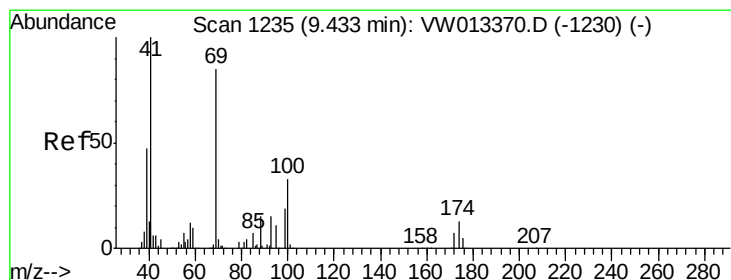
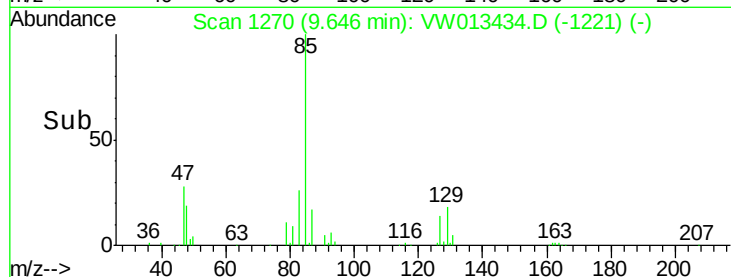
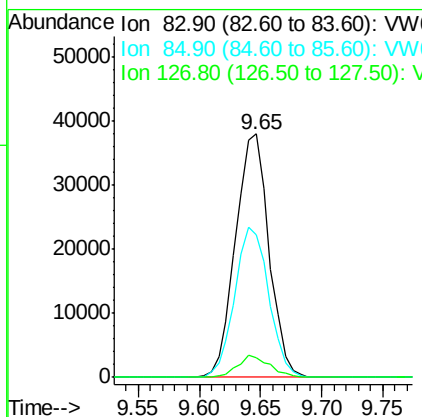
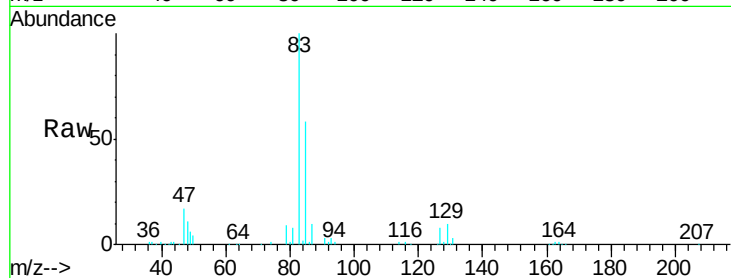
#47
 Bromodichloromethane
 Concen: 20.969 ug/l
 RT: 9.65 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	58.4	49.4	74.2
127	8.0	6.5	9.7

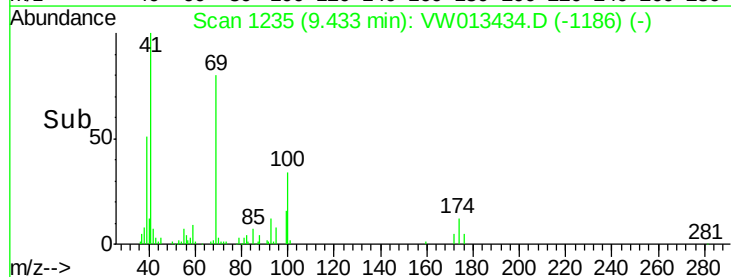
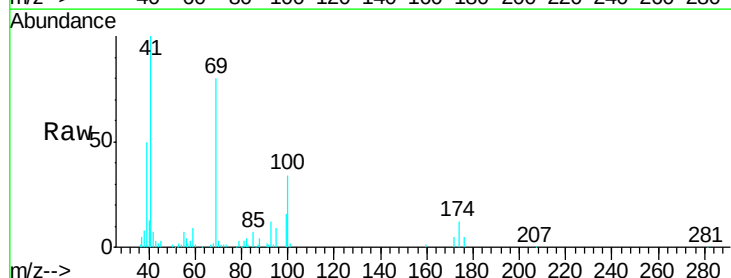
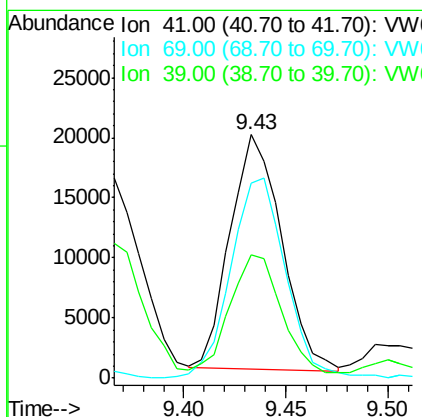
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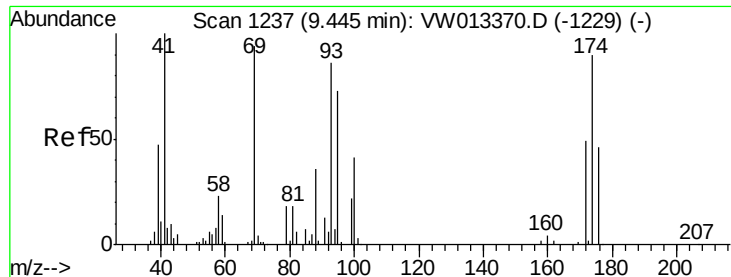
MMDadoda
 10/9/2019 11:48:17 AM



#48
 Methyl methacrylate
 Concen: 20.735 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
41	100		
69	90.2	69.7	104.5
39	55.3	41.1	61.7





#49

1,4-Dioxane

Concen: 512.618 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.02 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

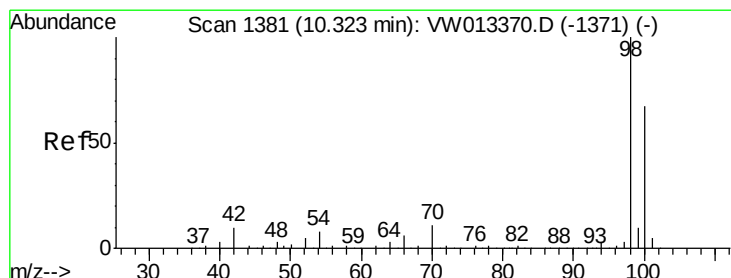
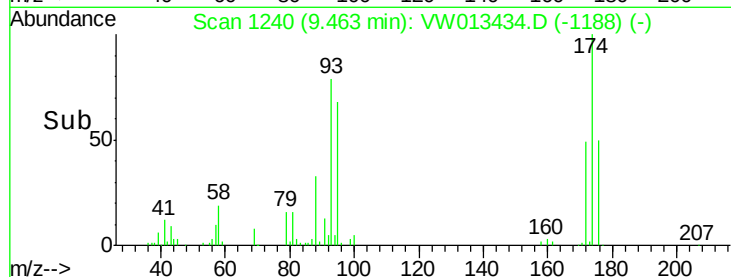
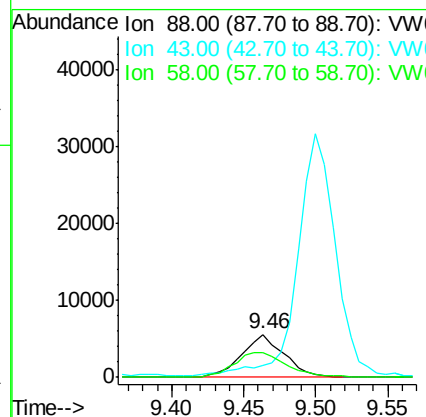
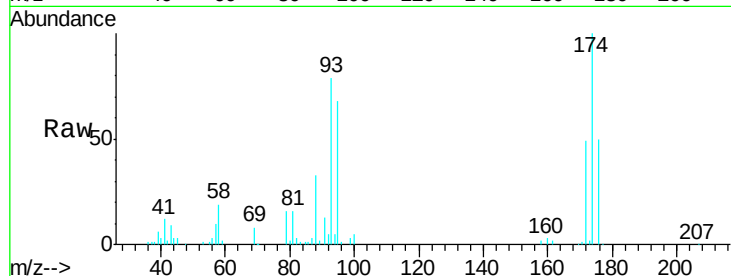
ClientSampleId :

VW1004SBSD01

Tgt Ion:	88	Resp:	11255
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	73.7	65.4	98.0

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#50

Toluene-d8

Concen: 55.872 ug/l

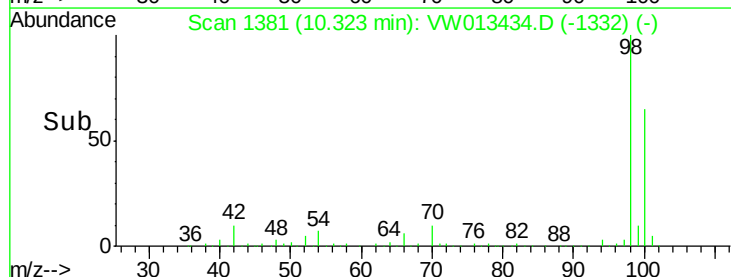
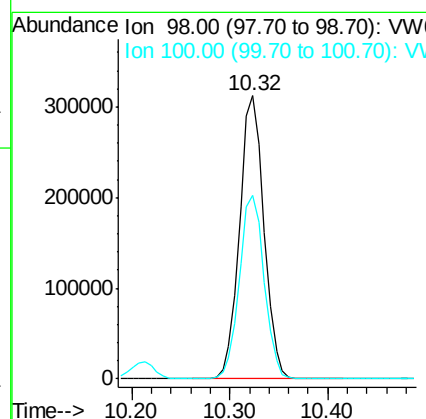
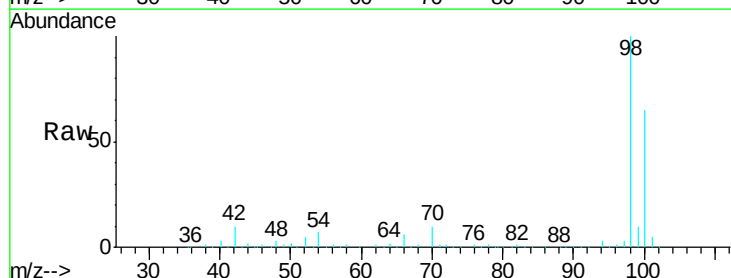
RT: 10.32 min Scan# 1381

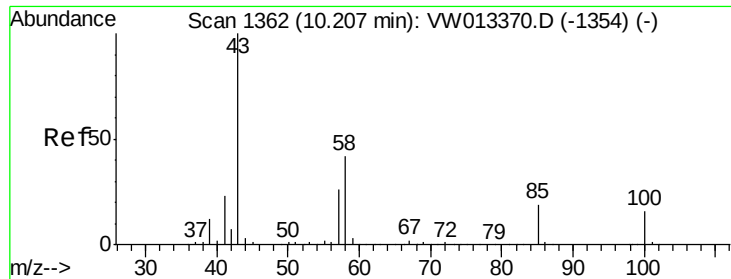
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	98	Resp:	540165
Ion Ratio	Lower	Upper	
98	100		
100	65.8	52.9	79.3





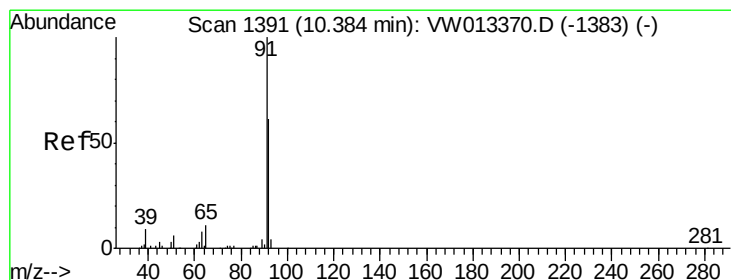
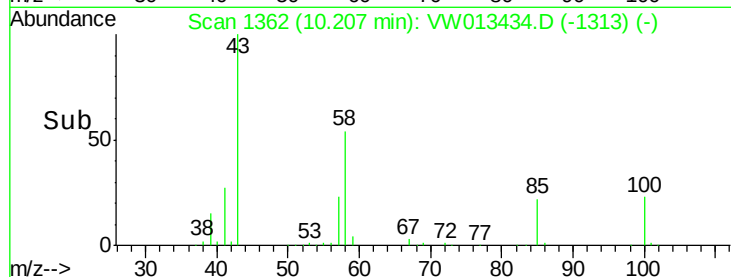
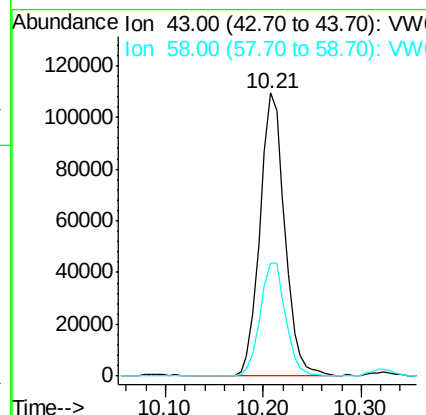
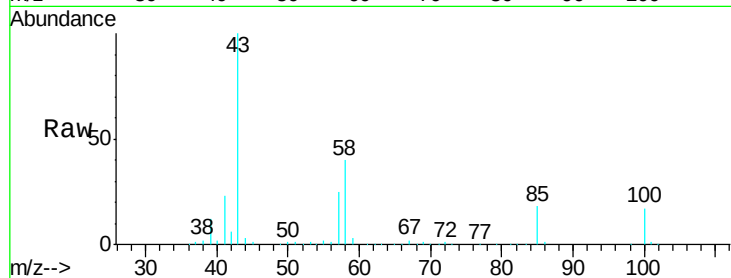
#51
4-Methyl-2-Pentanone
Concen: 107.417 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tgt Ion: 43 Resp: 193321
Ion Ratio Lower Upper
43 100
58 41.1 31.7 47.5

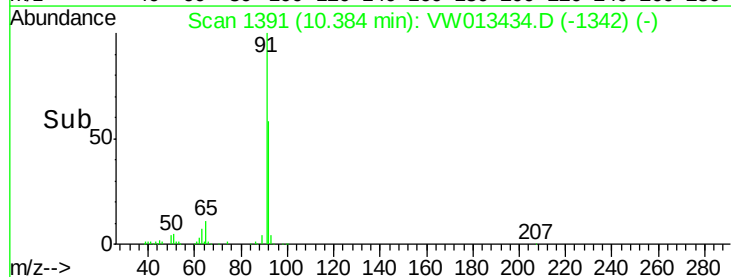
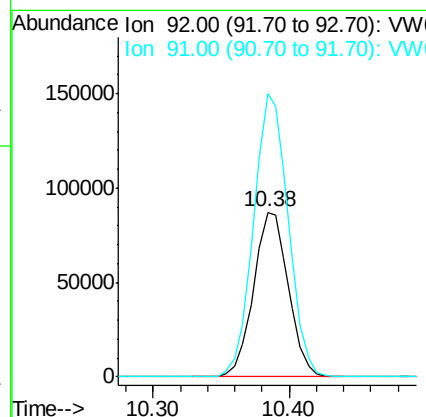
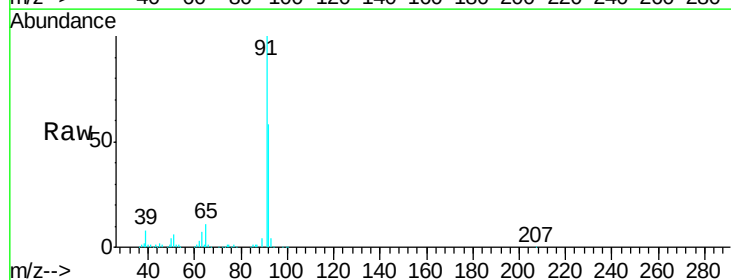
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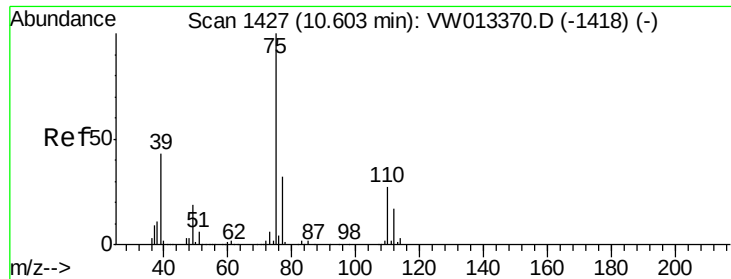
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#52
Toluene
Concen: 20.808 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion: 92 Resp: 156675
Ion Ratio Lower Upper
92 100
91 171.0 135.7 203.5





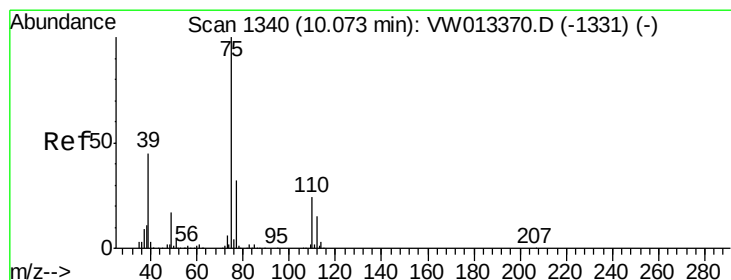
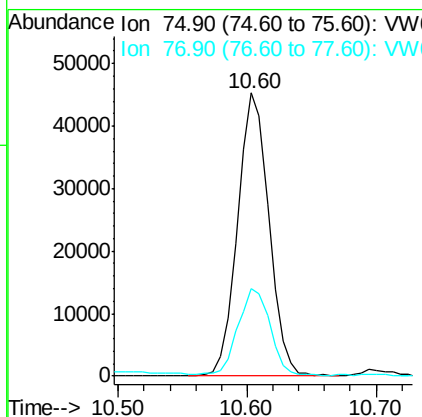
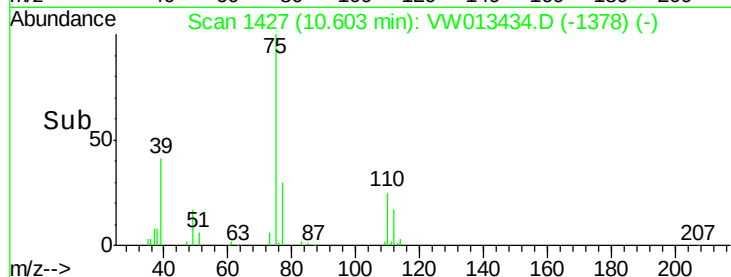
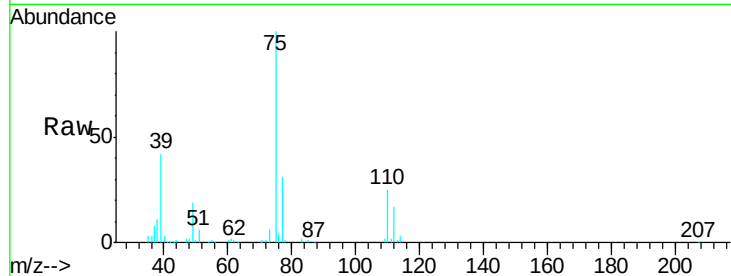
#53
t-1,3-Dichloropropene
Concen: 21.351 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tgt Ion: 75 Resp: 76326
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3

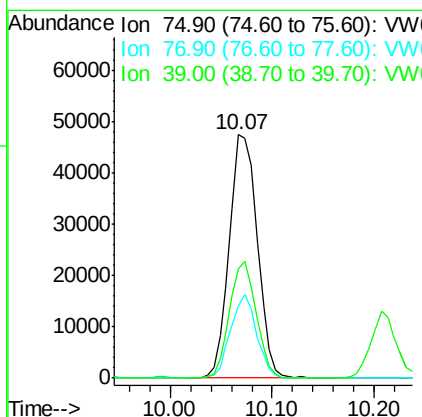
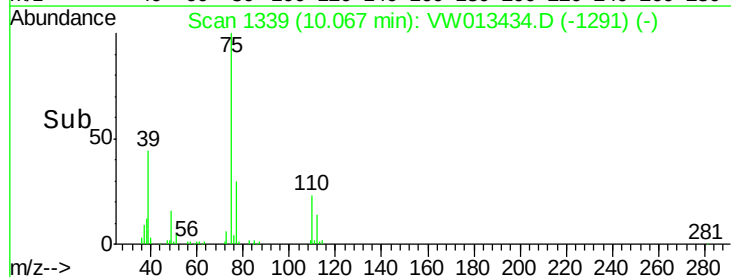
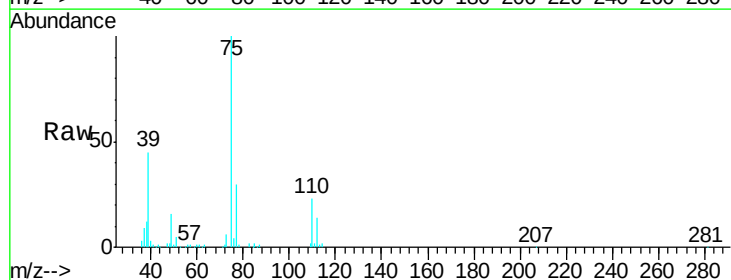
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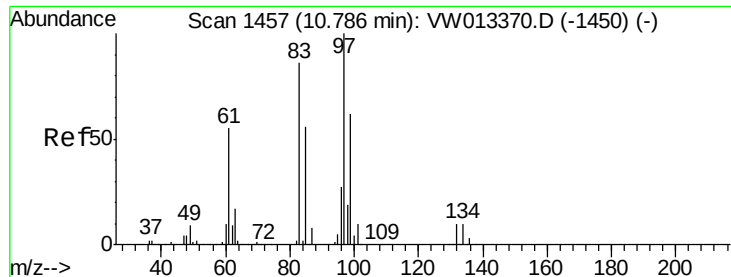
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 20.770 ug/l
RT: 10.07 min Scan# 1339
Delta R.T. -0.01 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion: 75 Resp: 90022
Ion Ratio Lower Upper
75 100
77 29.6 25.2 37.8
39 44.8 36.6 55.0





#55

1,1,2-Trichloroethane

Concen: 21.200 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

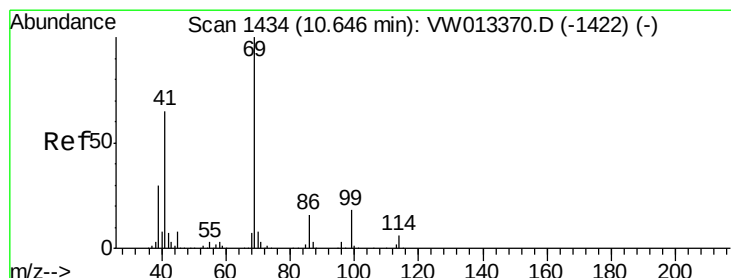
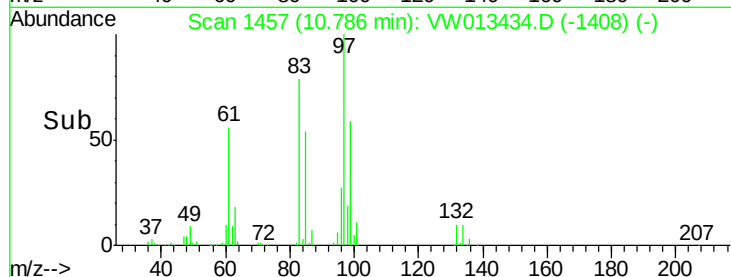
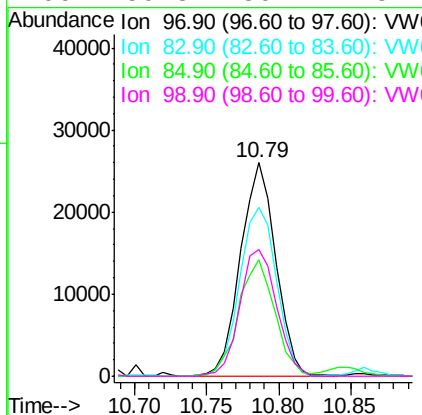
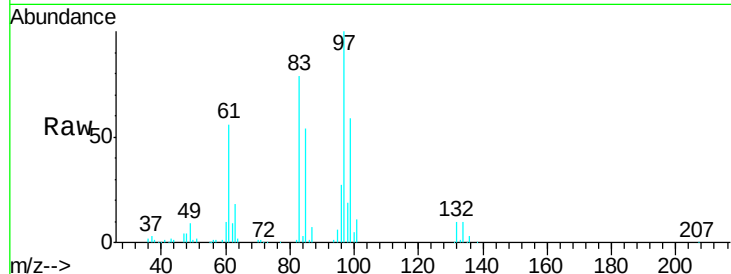
ClientSampleId :

VW1004SBS01

Tgt Ion:	97	Resp:	44151
Ion	Ratio	Lower	Upper
97	100		
83	79.2	67.6	101.4
85	54.3	41.9	62.9
99	59.3	50.1	75.1

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#56

Ethyl methacrylate

Concen: 21.495 ug/l

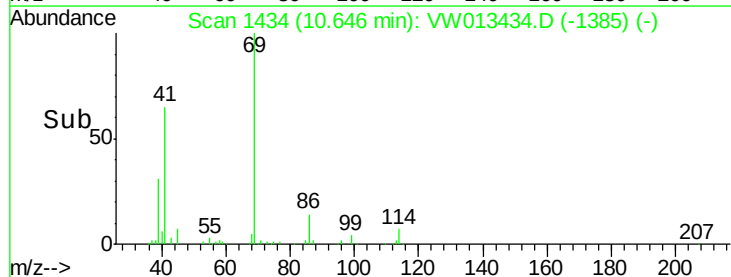
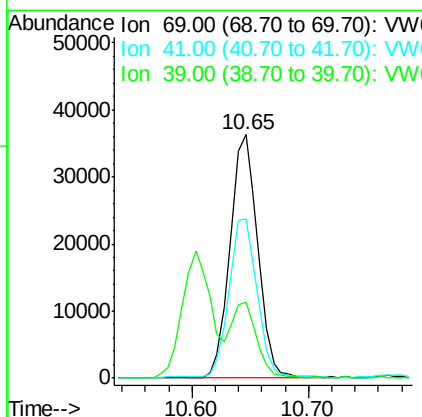
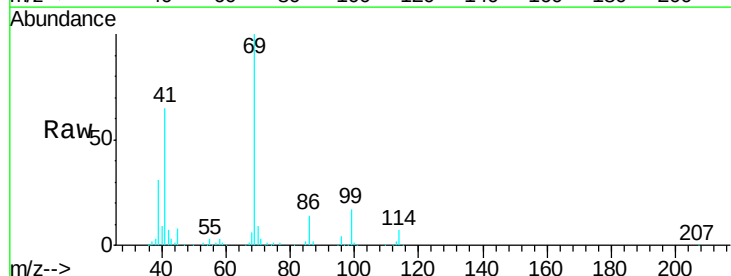
RT: 10.65 min Scan# 1434

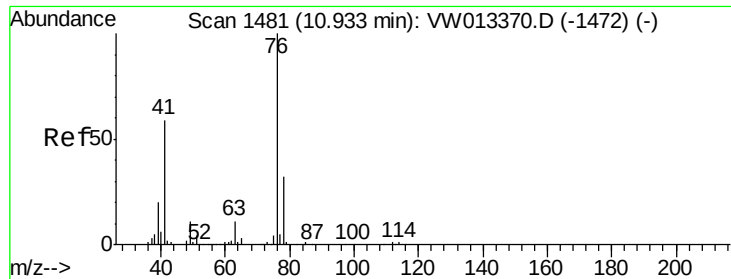
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	69	Resp:	60253
Ion	Ratio	Lower	Upper
69	100		
41	67.8	53.9	80.9
39	27.5	23.8	35.6





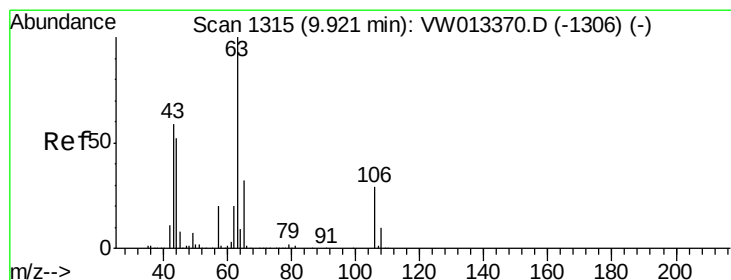
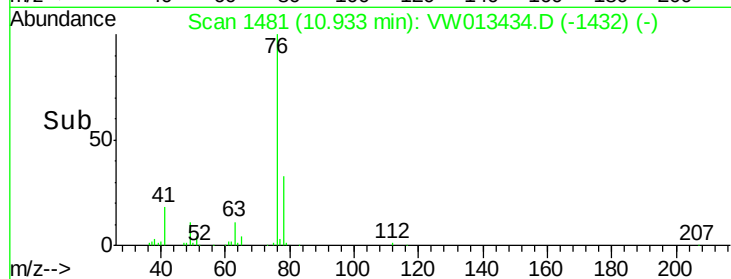
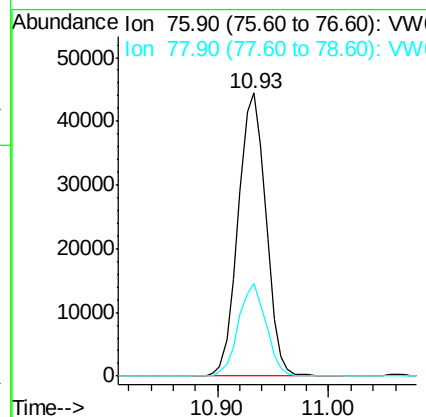
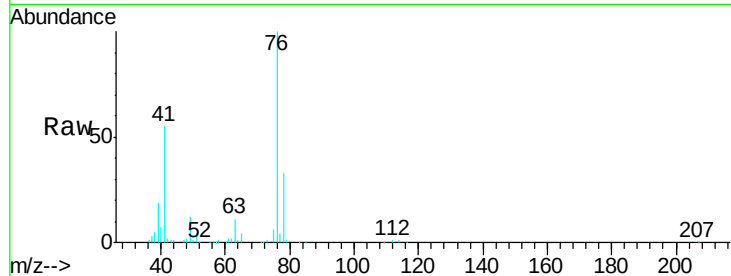
#57
 1,3-Dichloropropane
 Concen: 21.206 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tgt Ion: 76 Resp: 76776
 Ion Ratio Lower Upper
 76 100
 78 32.6 25.5 38.3

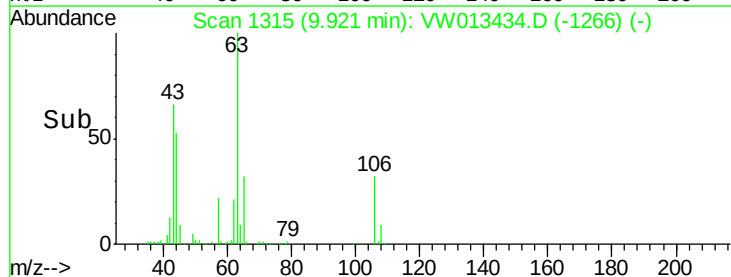
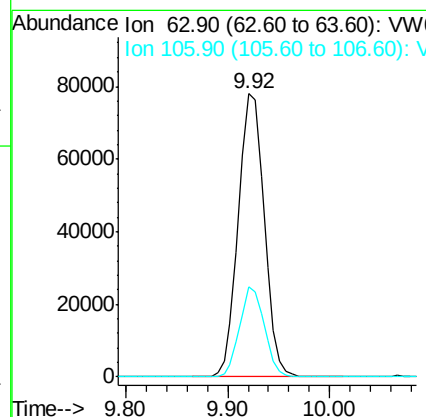
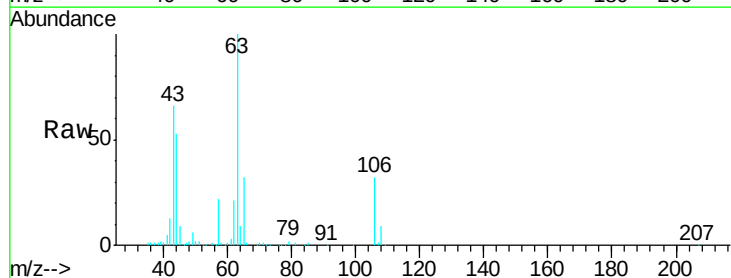
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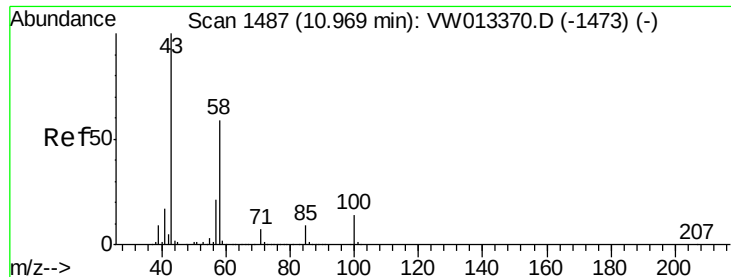
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#58
 2-Chloroethyl Vinyl ether
 Concen: 119.498 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion: 63 Resp: 137599
 Ion Ratio Lower Upper
 63 100
 106 30.1 23.4 35.0





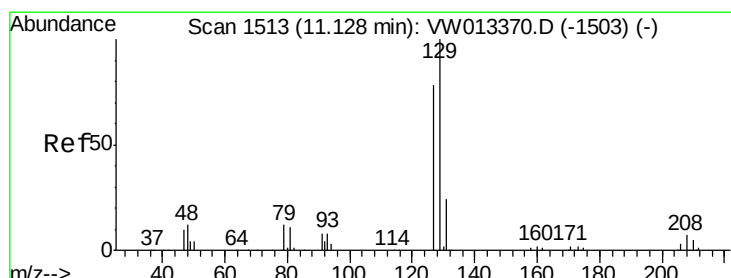
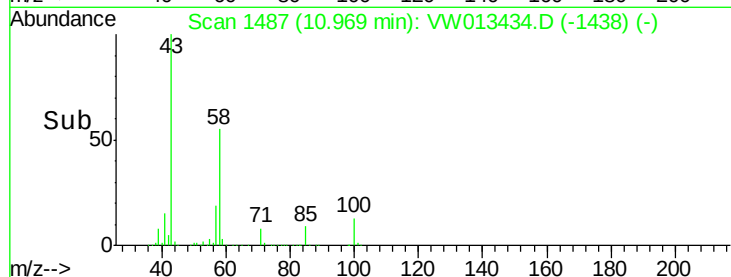
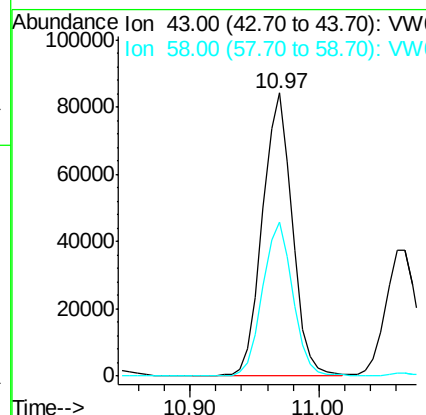
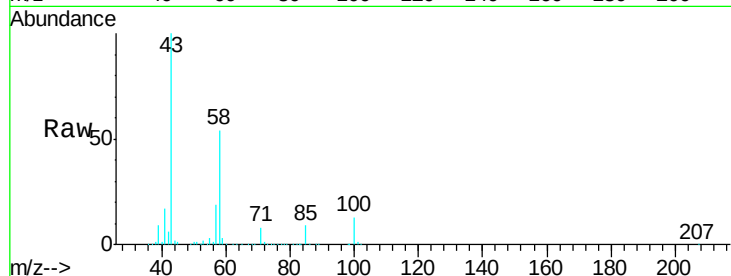
#59
2-Hexanone
Concen: 107.889 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 43 Resp: 134585
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.2

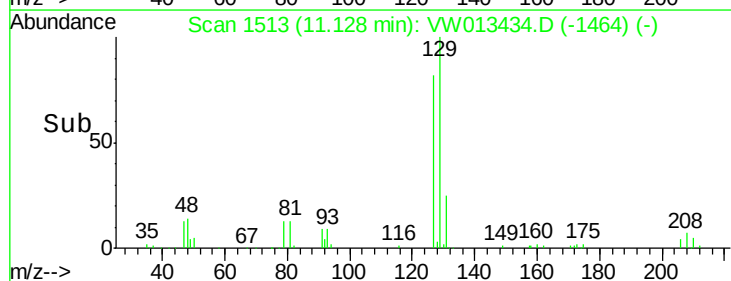
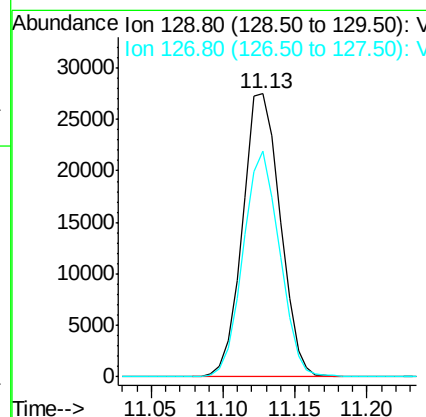
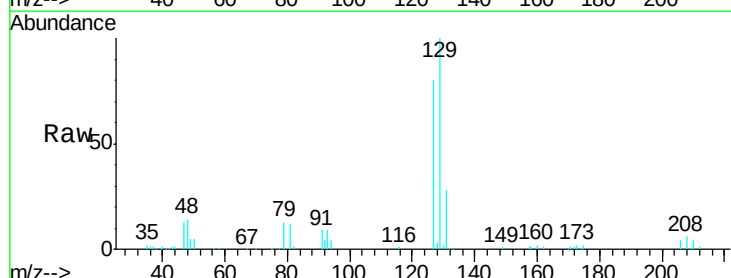
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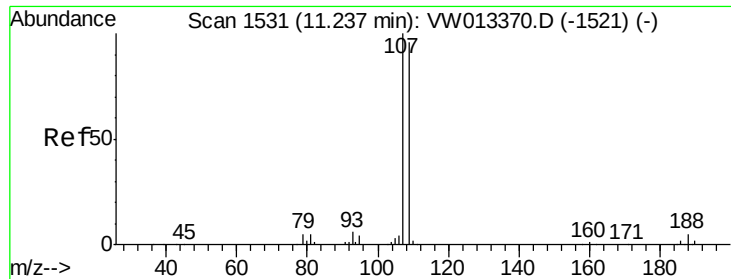
MMDadoda
10/9/2019 11:48:17 AM



#60
Dibromochloromethane
Concen: 20.902 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion: 129 Resp: 49800
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4





#61

1,2-Dibromoethane

Concen: 21.339 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tgt Ion: 107 Resp: 42944

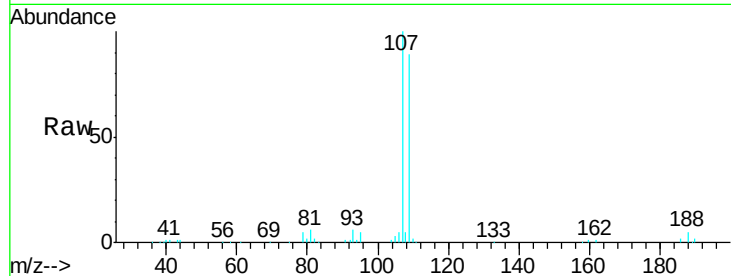
Ion Ratio Lower Upper

107 100

109 93.7 75.2 112.8

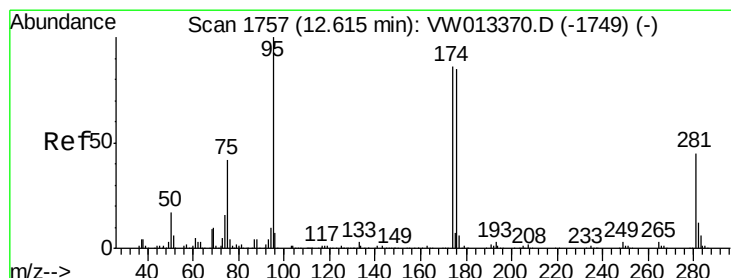
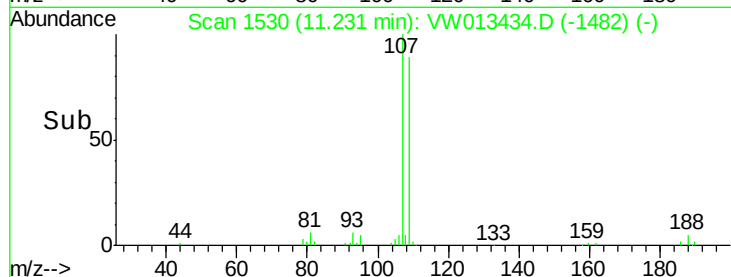
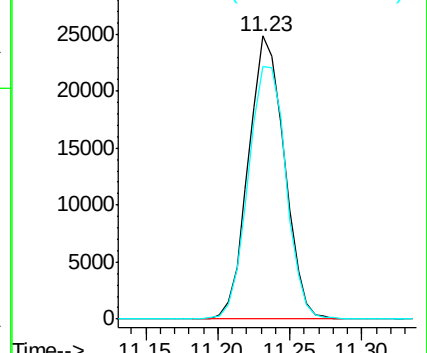
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 56.203 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

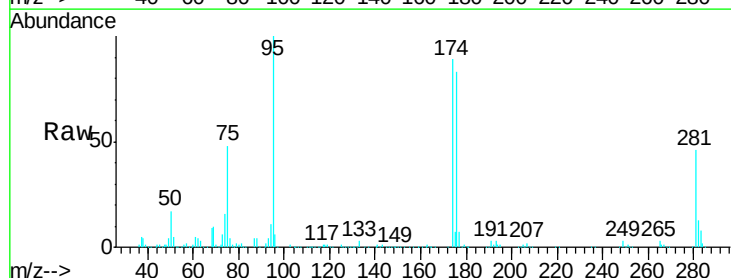
Tgt Ion: 95 Resp: 181451

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.4

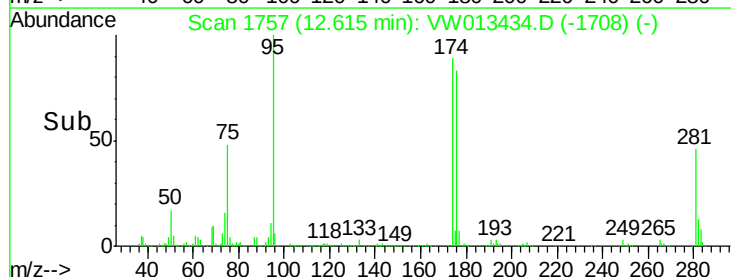
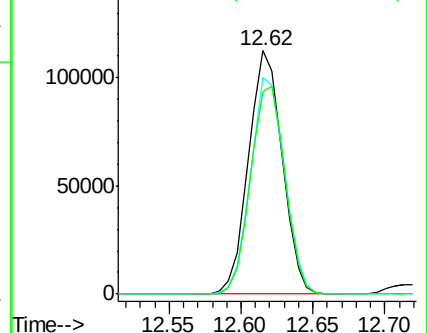
176 87.5 0.0 172.2

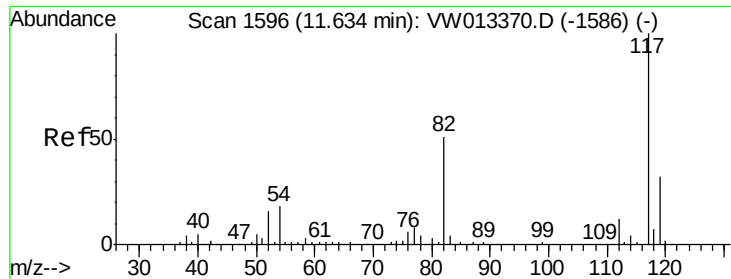


Abundance Ion 94.90 (94.60 to 95.60): VW

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# 1595

Delta R.T. -0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

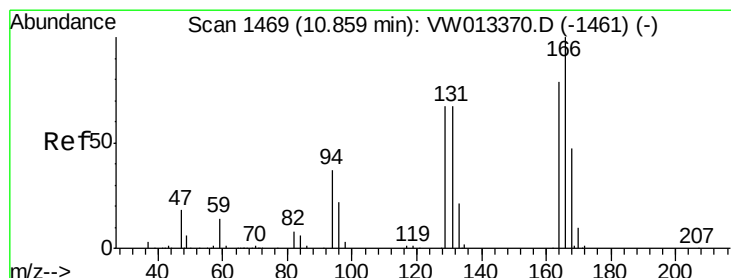
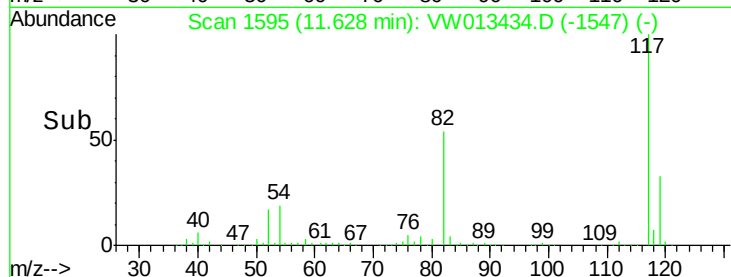
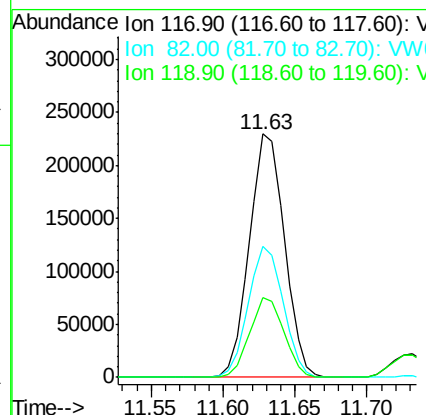
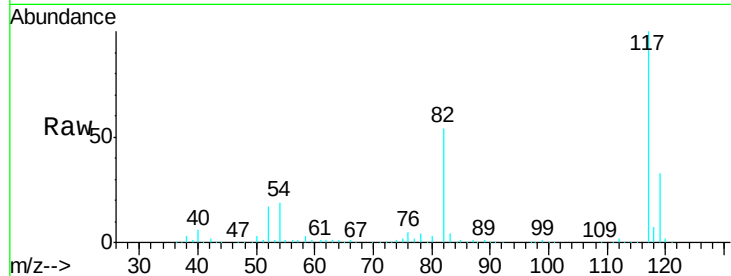
ClientSampleId :

VW1004SBSD01

Tgt Ion:	117	Resp:	387486
Ion Ratio	Lower	Upper	
117	100		
82	53.9	45.9	68.9
119	32.8	26.2	39.2

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#64

Tetrachloroethene

Concen: 20.356 ug/l

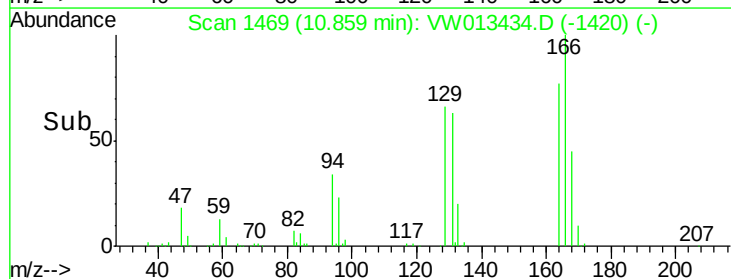
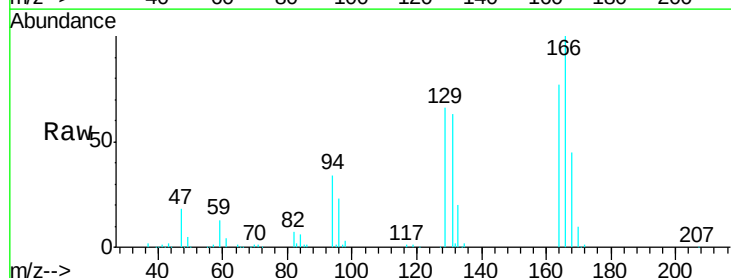
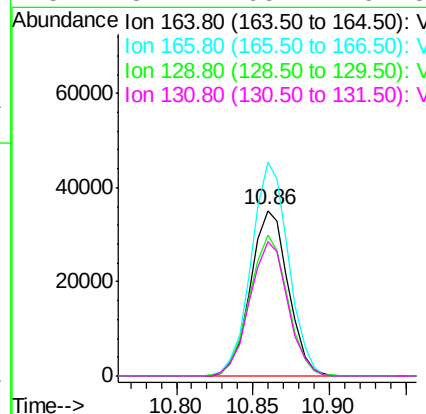
RT: 10.86 min Scan# 1469

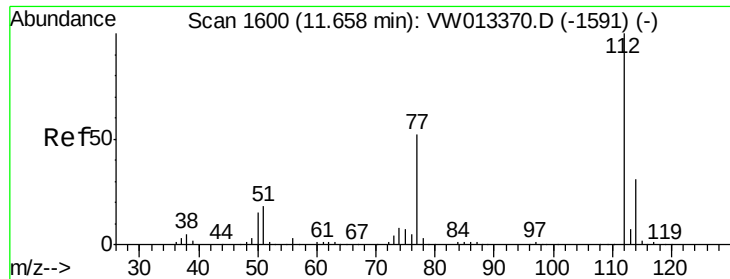
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	164	Resp:	60010
Ion Ratio	Lower	Upper	
164	100		
166	129.2	101.2	151.8
129	84.9	68.8	103.2
131	81.1	65.2	97.8





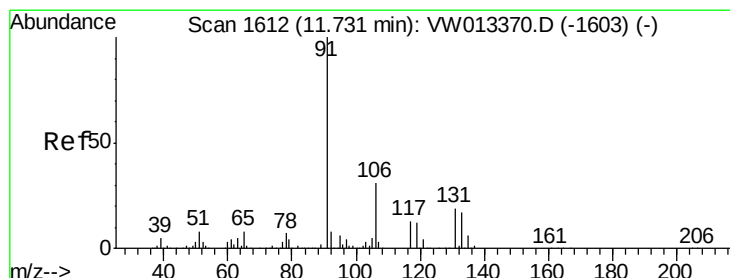
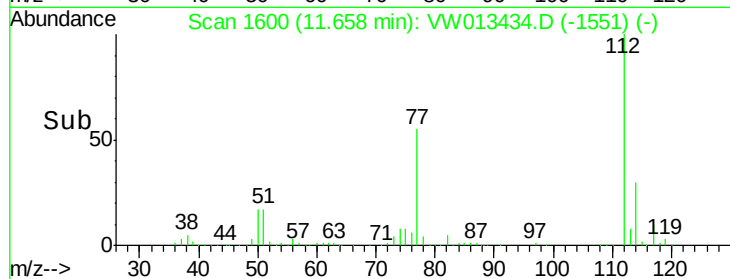
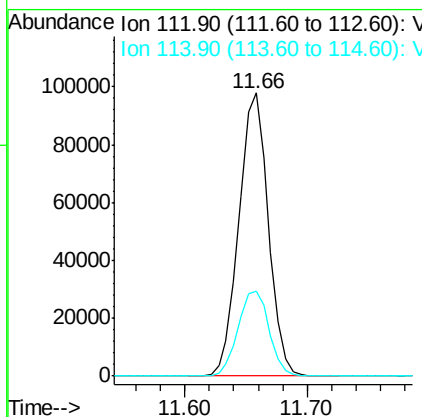
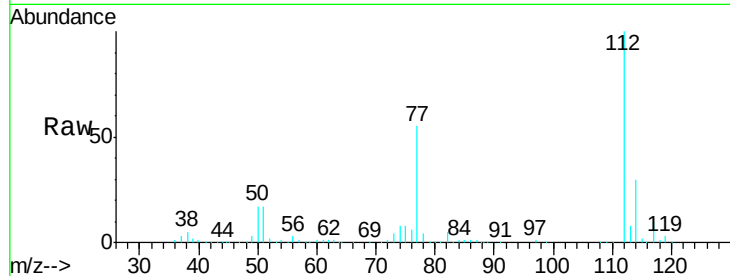
#65
Chlorobenzene
Concen: 20.529 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tgt Ion:112 Resp: 162969
Ion Ratio Lower Upper
112 100
114 30.0 26.5 39.7

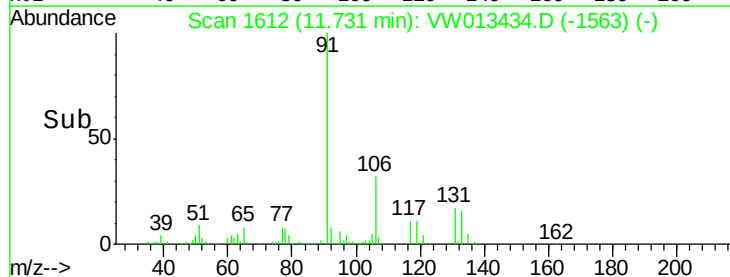
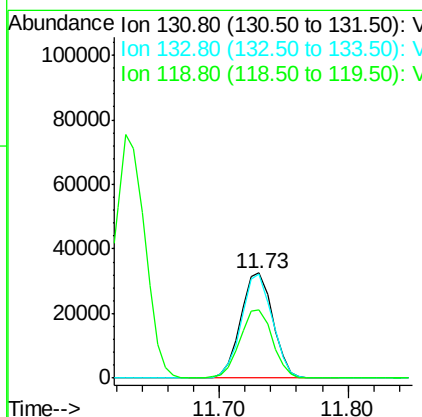
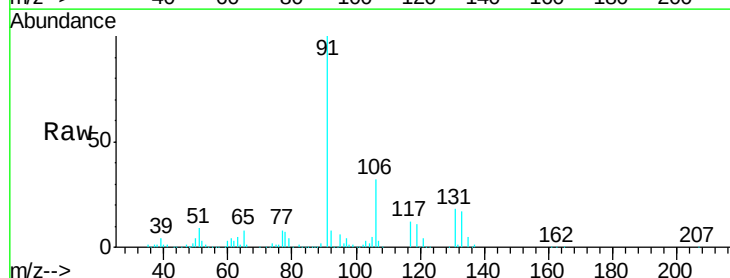
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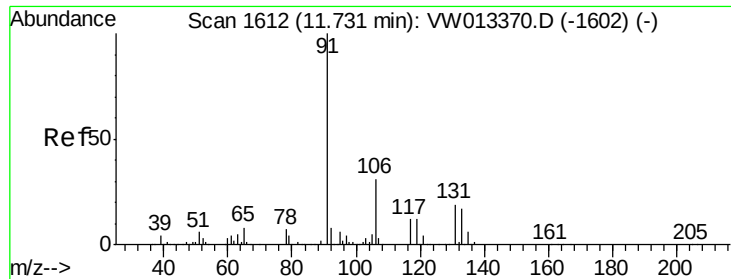
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.785 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion:131 Resp: 56198
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 65.7 32.5 97.5





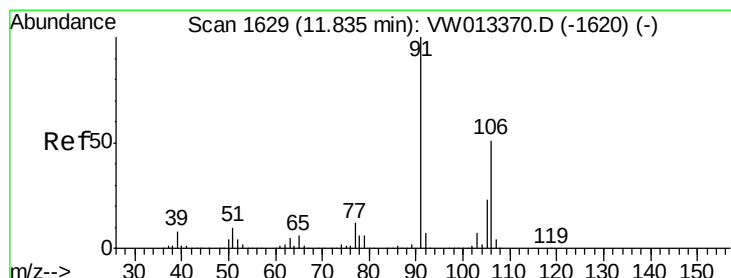
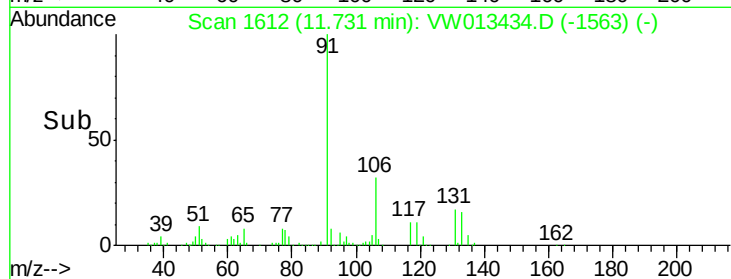
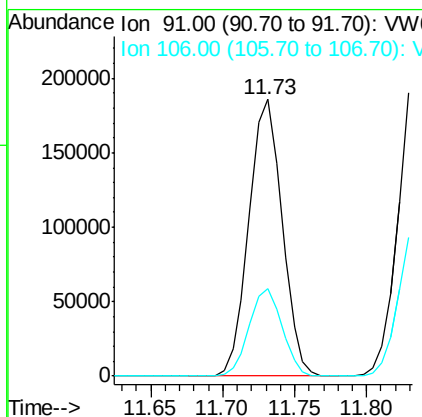
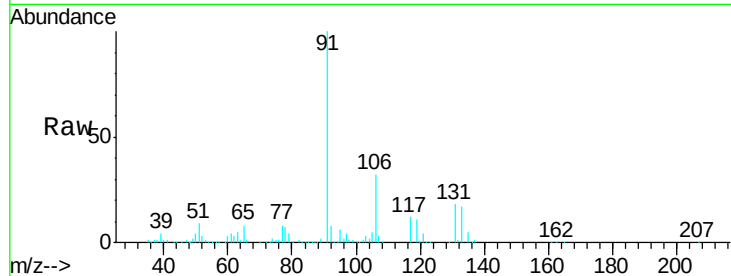
#67
Ethyl Benzene
Concen: 20.899 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBSD01

Tgt Ion: 91 Resp: 297339
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

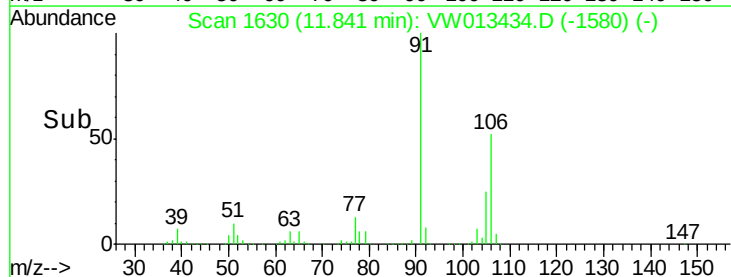
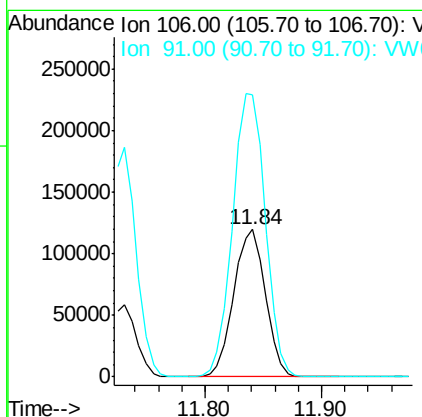
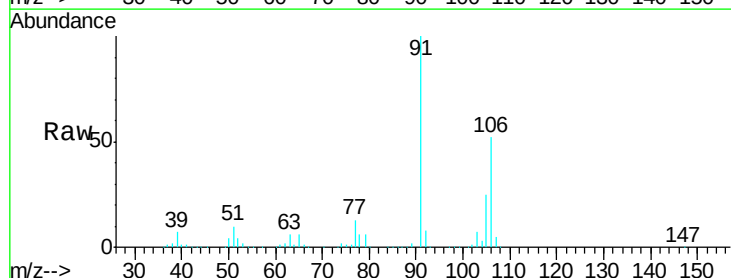
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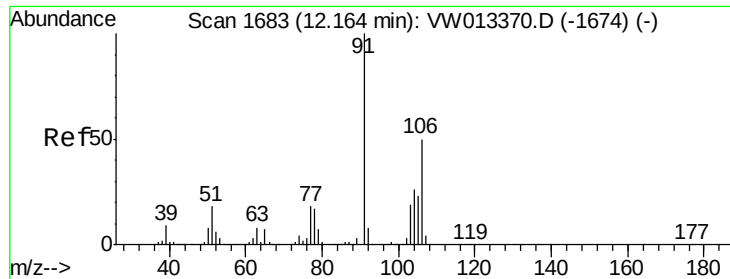
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#68
m/p-Xylenes
Concen: 41.489 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion: 106 Resp: 227846
Ion Ratio Lower Upper
106 100
91 197.8 157.9 236.9





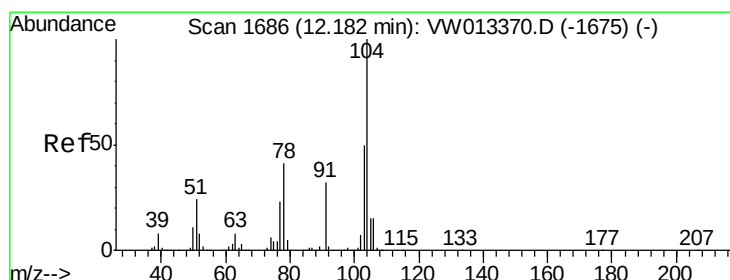
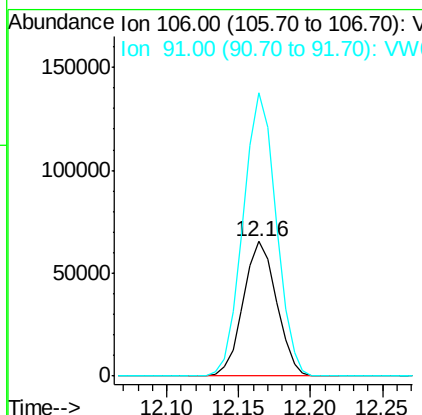
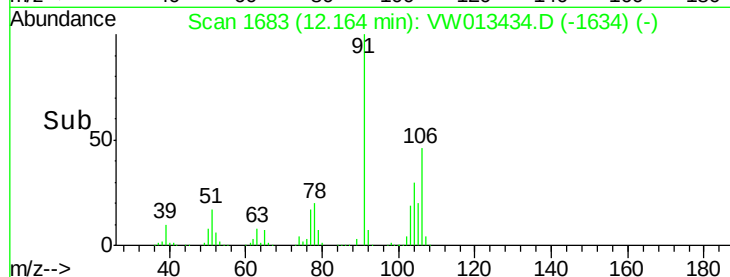
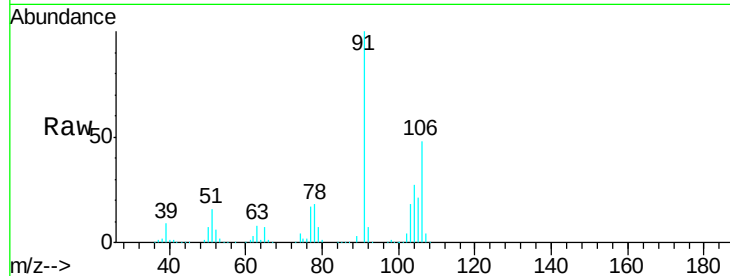
#69
o-Xylene
Concen: 20.650 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion:106 Resp: 104849
Ion Ratio Lower Upper
106 100
91 209.0 106.5 319.5

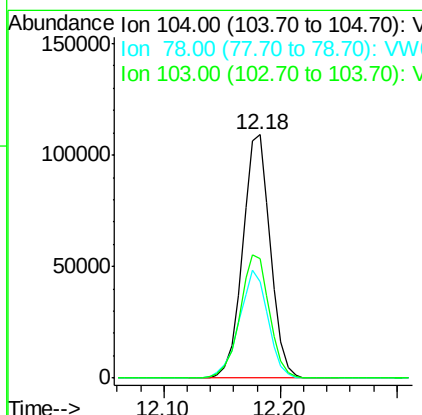
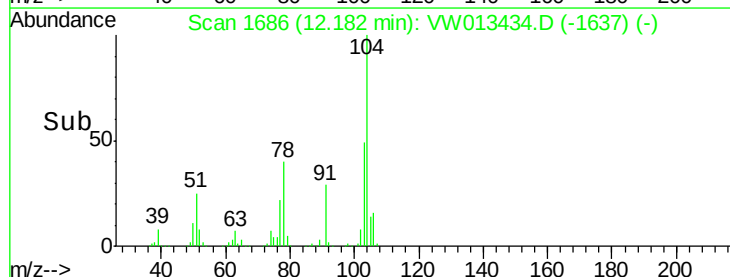
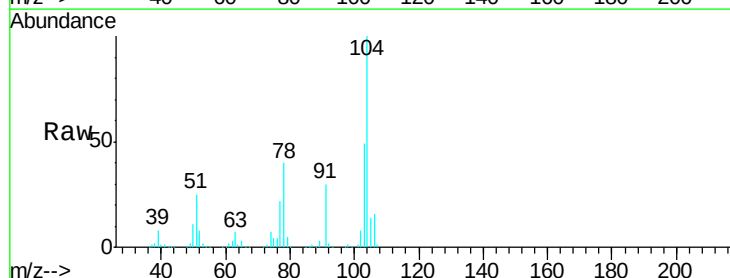
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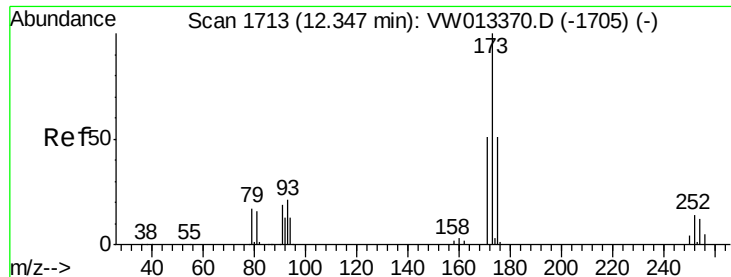
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#70
Styrene
Concen: 20.731 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013434.D
Acq: 04 Oct 2019 13:09

Tgt Ion:104 Resp: 179942
Ion Ratio Lower Upper
104 100
78 46.3 38.4 57.6
103 54.0 43.3 64.9





#71

Bromoform

Concen: 21.317 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

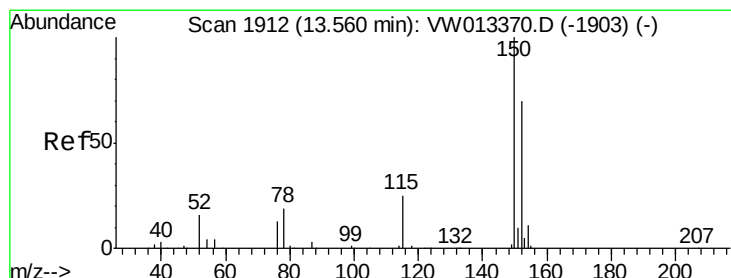
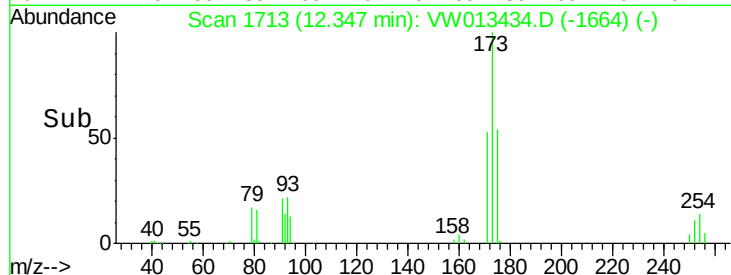
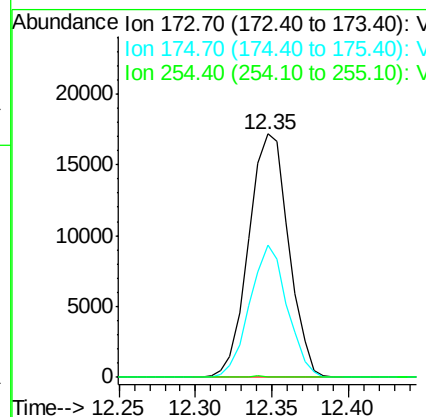
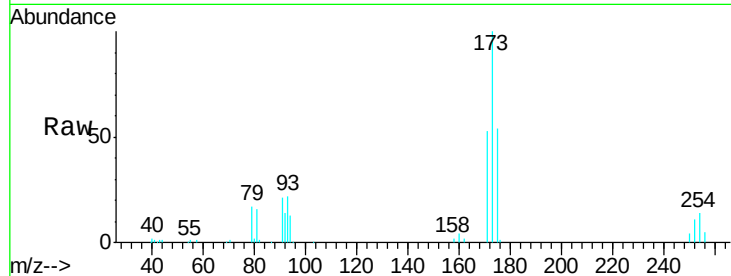
ClientSampleId :

VW1004SBSD01

Tgt Ion:	173	Resp:	31249
Ion Ratio	Lower	Upper	
173	100		
175	50.8	24.3	73.0
254	0.1	0.1	0.1

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

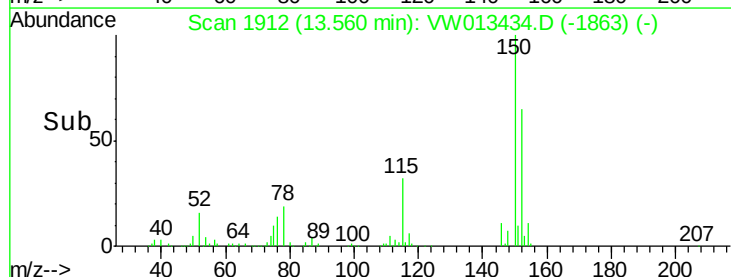
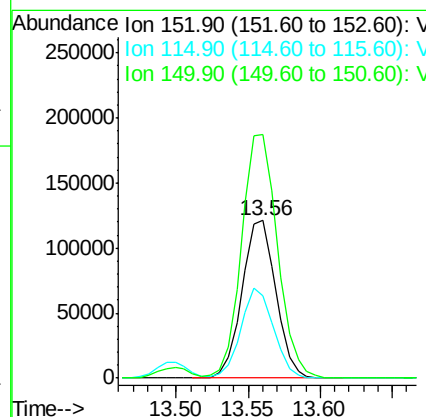
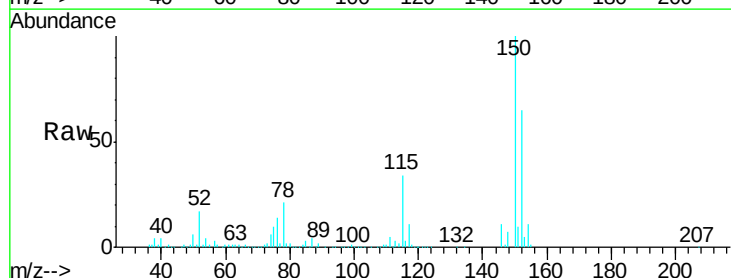
RT: 13.56 min Scan# 1912

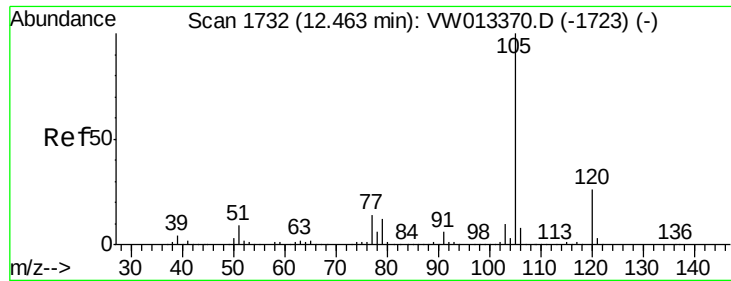
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	152	Resp:	197258
Ion Ratio	Lower	Upper	
152	100		
115	55.3	27.3	81.9
150	164.4	0.0	349.0





#73

Isopropylbenzene

Concen: 20.149 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tgt Ion: 105 Resp: 290727

Ion Ratio Lower Upper

105 100

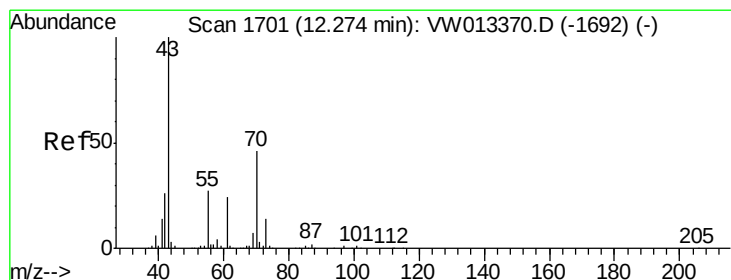
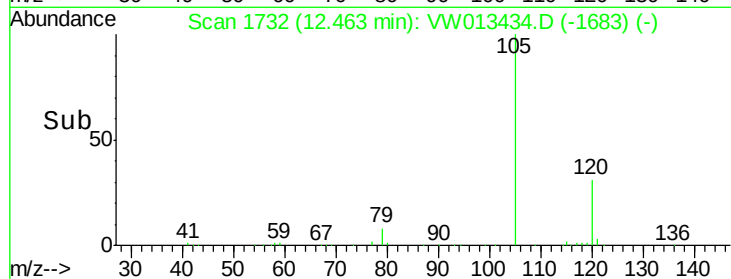
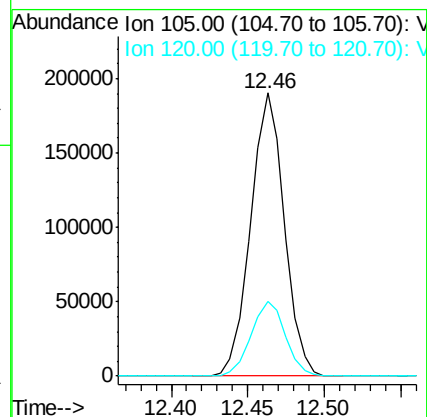
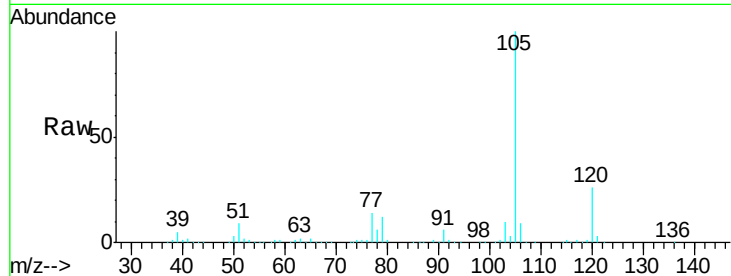
120 26.9 13.4 40.1

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#74

N-ethyl acetate

Concen: 21.358 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion: 43 Resp: 65586

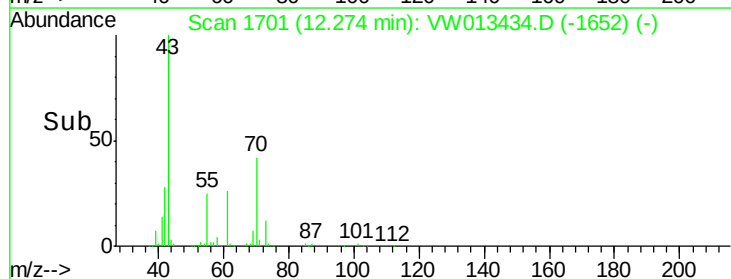
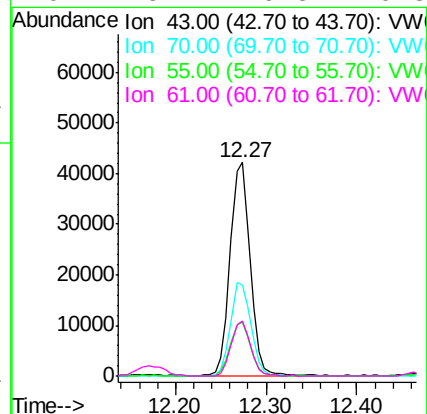
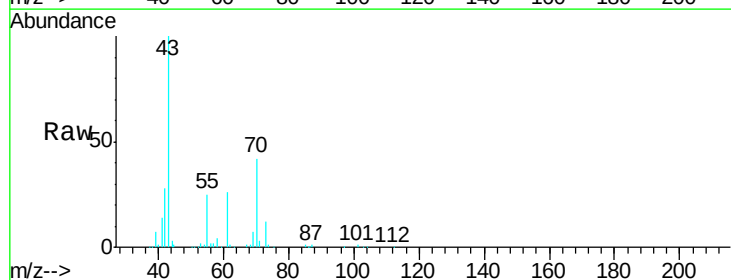
Ion Ratio Lower Upper

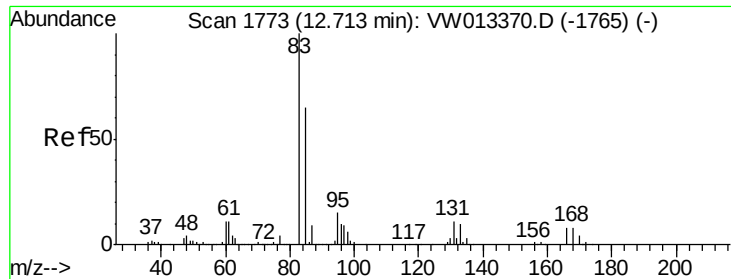
43 100

70 44.1 35.1 52.7

55 25.5 19.9 29.9

61 25.1 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.025 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

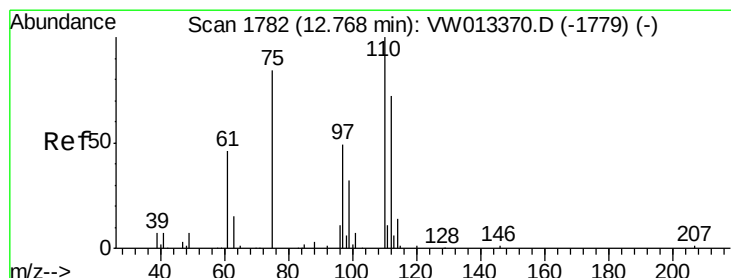
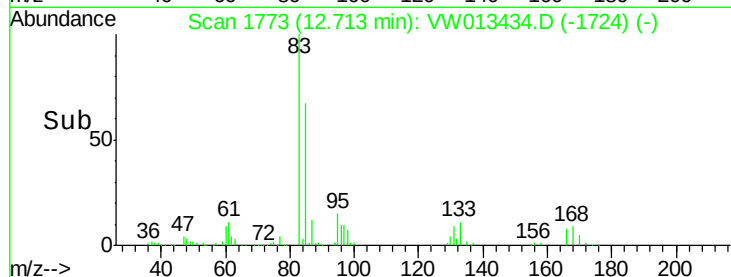
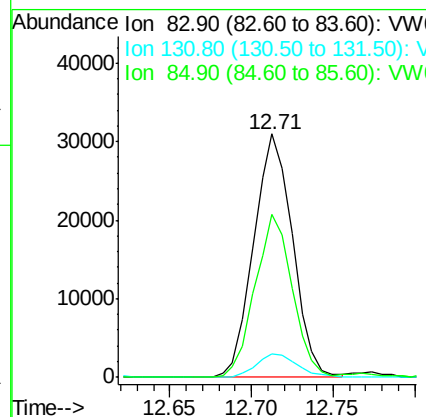
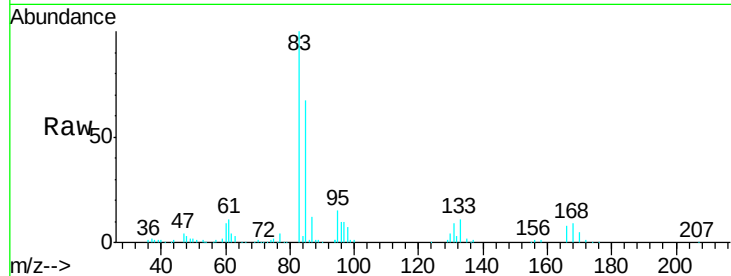
ClientSampleId :

VW1004SBSD01

Tgt Ion:	83	Resp:	51348
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.4	16.2
85	64.2	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 22.998 ug/l m

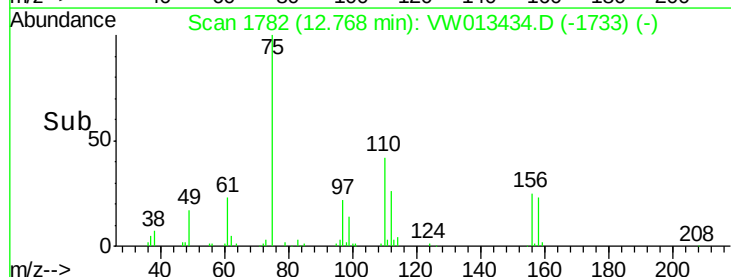
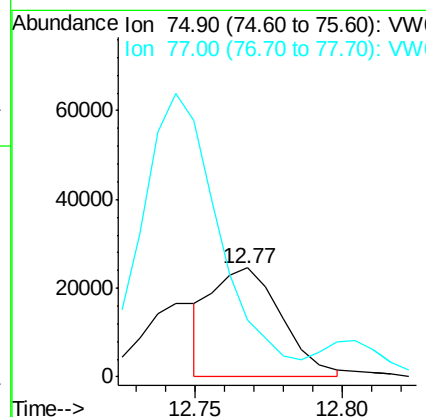
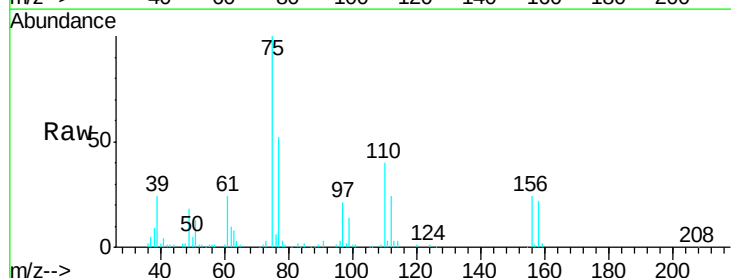
RT: 12.77 min Scan# 1782

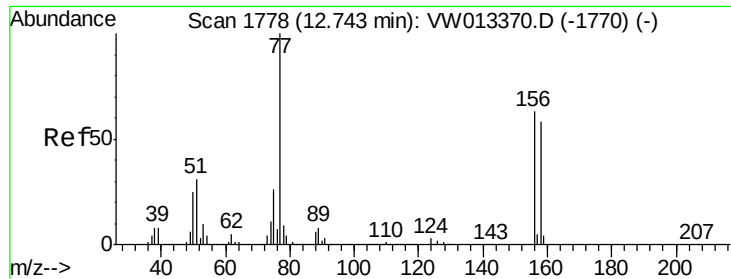
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	75	Resp:	40320
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.006 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

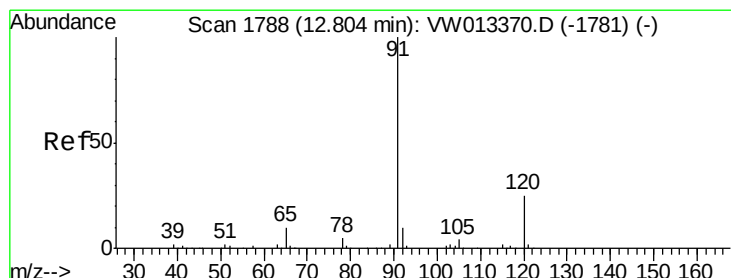
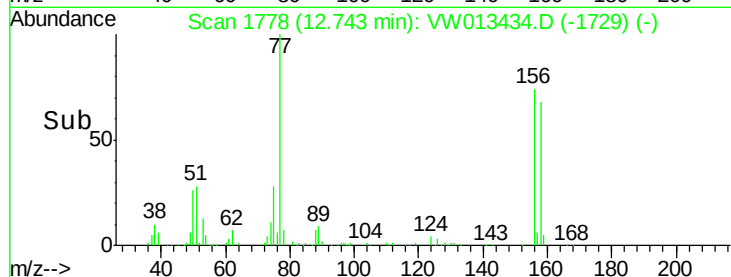
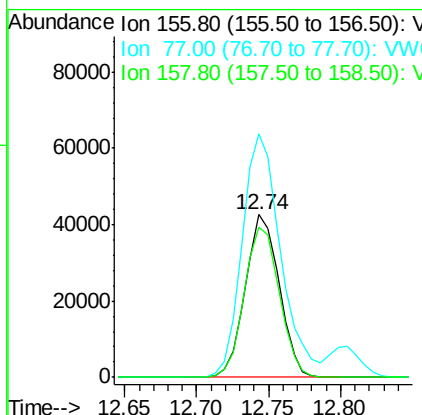
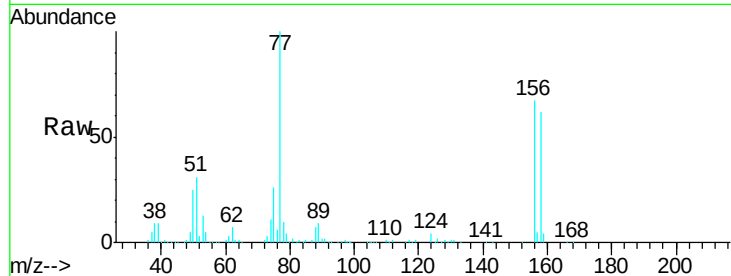
ClientSampleId :

VW1004SBSD01

Tgt Ion:156 Resp: 69315
 Ion Ratio Lower Upper
 156 100
 77 170.7 85.7 257.1
 158 95.4 48.1 144.4

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#78

n-propylbenzene

Concen: 20.657 ug/l

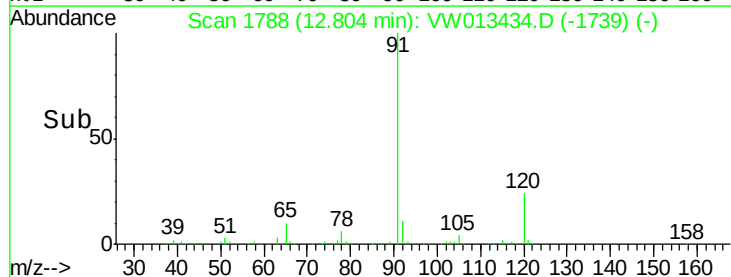
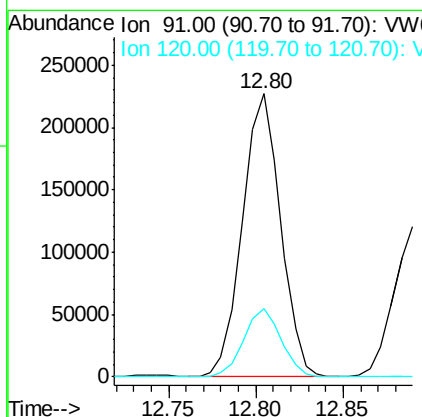
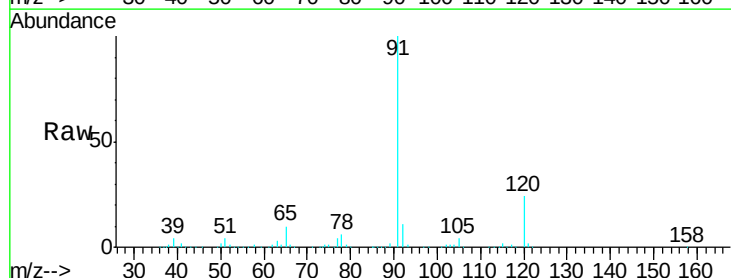
RT: 12.80 min Scan# 1788

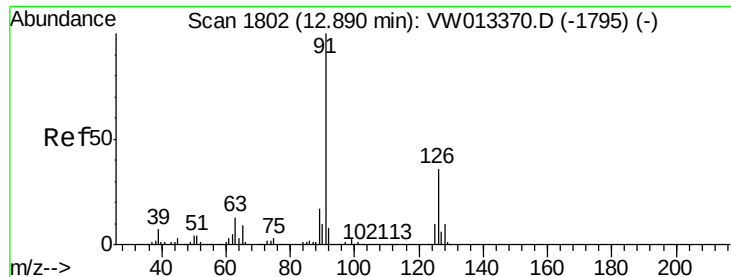
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion: 91 Resp: 342861
 Ion Ratio Lower Upper
 91 100
 120 23.7 11.7 35.1





#79

2-Chlorotoluene

Concen: 20.975 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampled :

VW1004SBSD01

Tgt Ion: 91 Resp: 193362

Ion Ratio Lower Upper

91 100

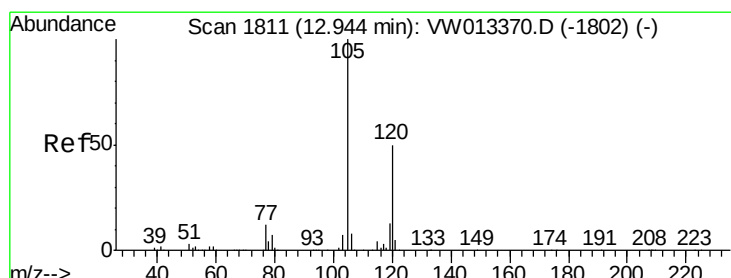
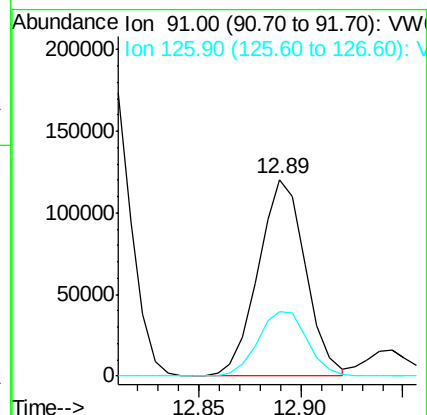
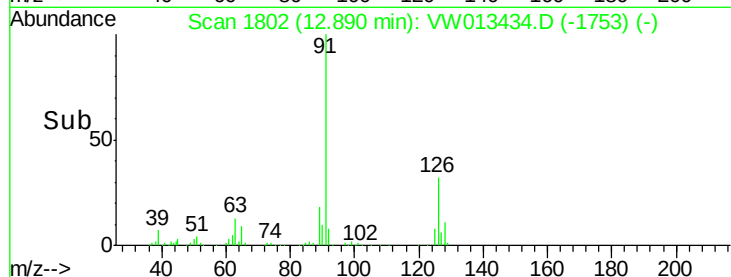
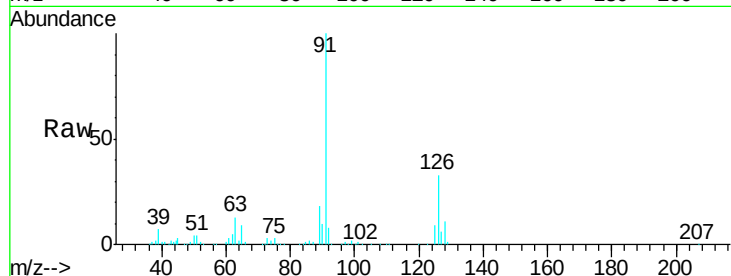
126 34.5 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.467 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013434.D

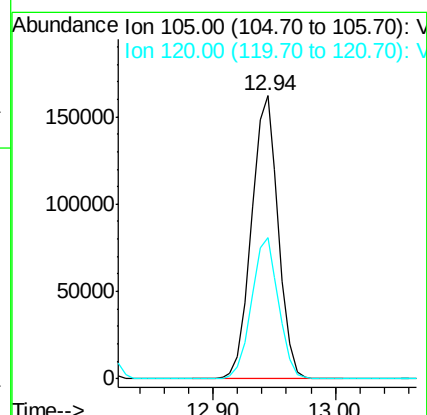
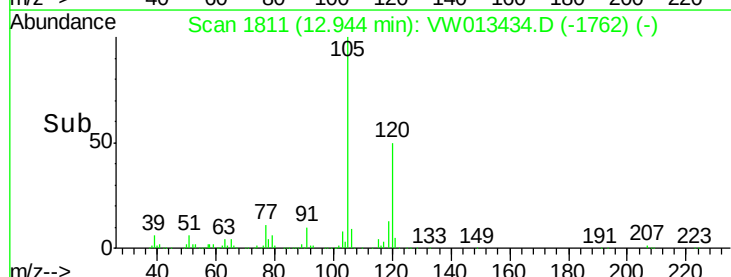
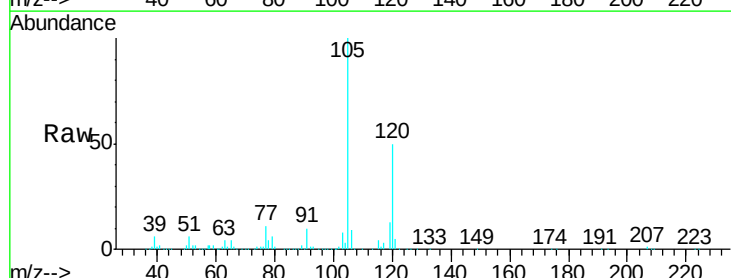
Acq: 04 Oct 2019 13:09

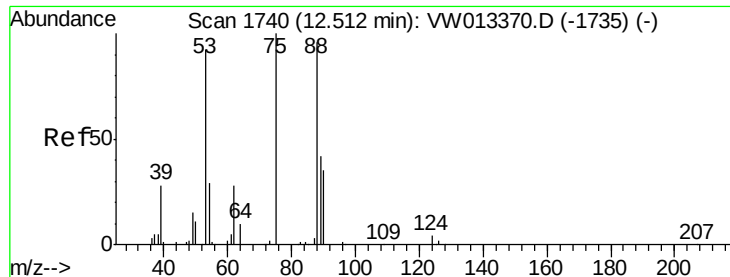
Tgt Ion: 105 Resp: 245316

Ion Ratio Lower Upper

105 100

120 50.5 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 22.334 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

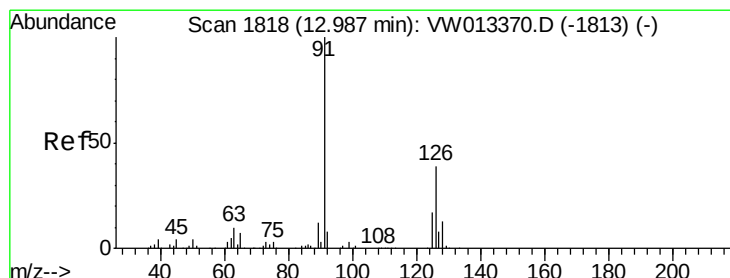
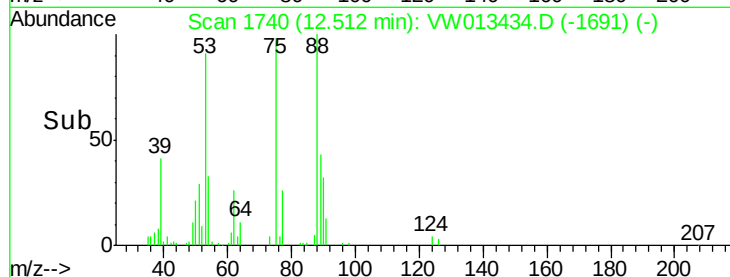
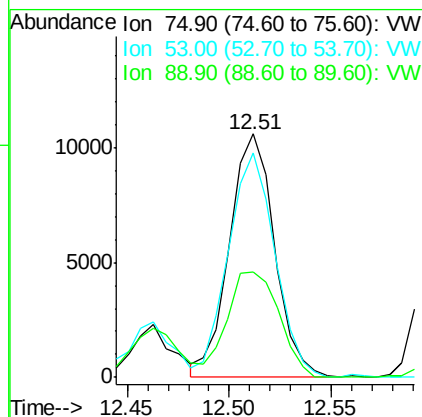
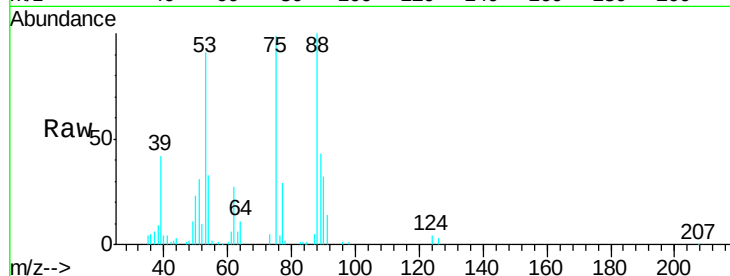
ClientSampleId :

VW1004SBSD01

Tgt Ion:	75	Resp:	16321
Ion	Ratio	Lower	Upper
75	100		
53	95.2	76.6	114.8
89	49.2	33.5	50.3

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#82

4-Chlorotoluene

Concen: 20.522 ug/l

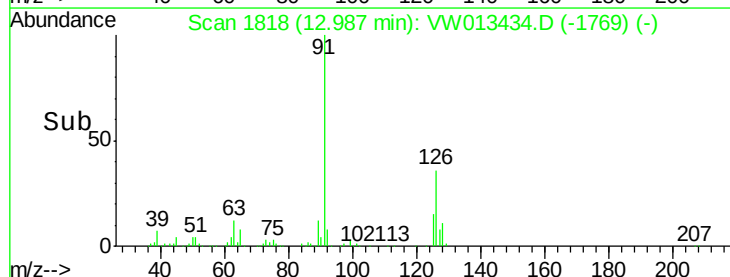
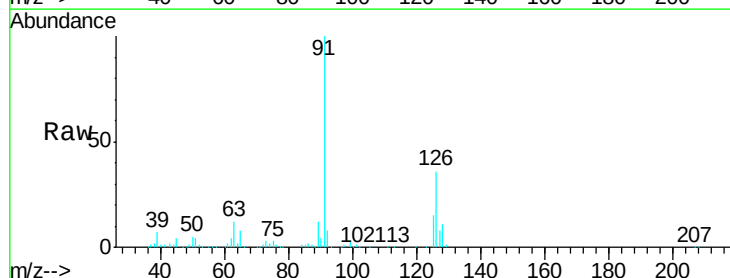
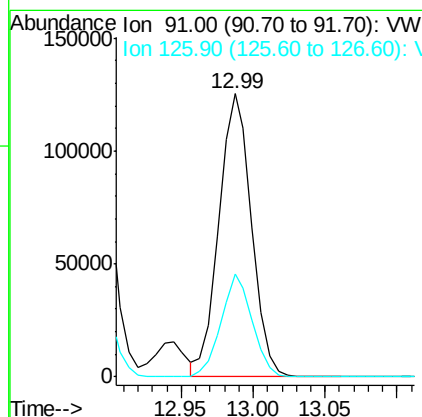
RT: 12.99 min Scan# 1818

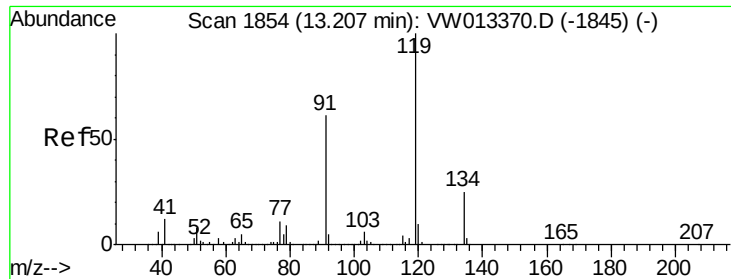
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	91	Resp:	198178
Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	51.7





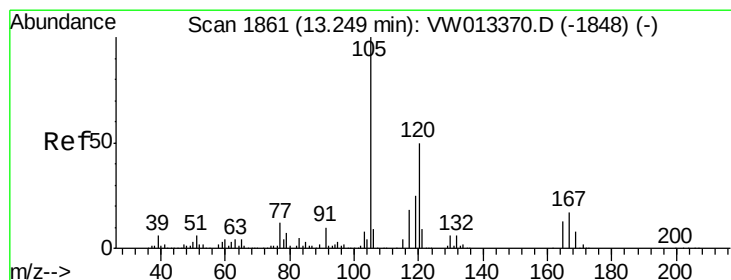
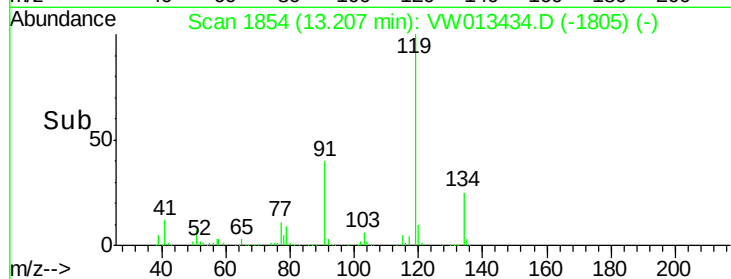
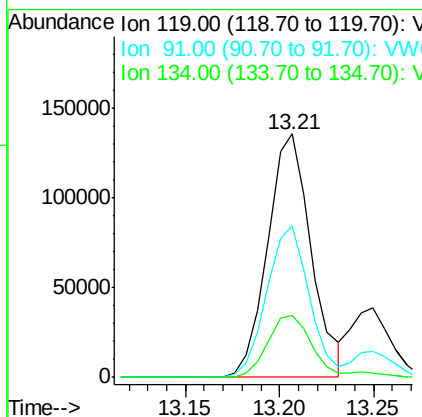
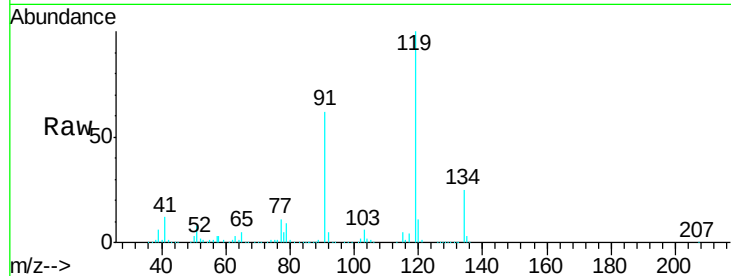
#83
 tert-Butylbenzene
 Concen: 20.750 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	60.6	30.7	92.1
134	25.8	12.6	37.6

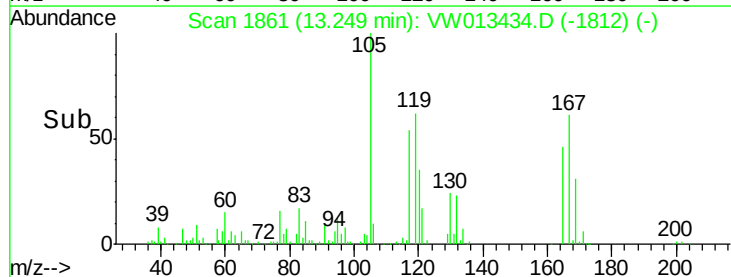
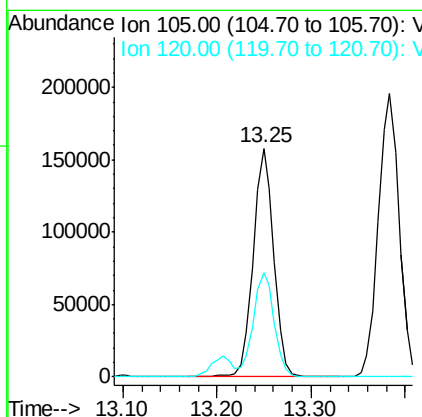
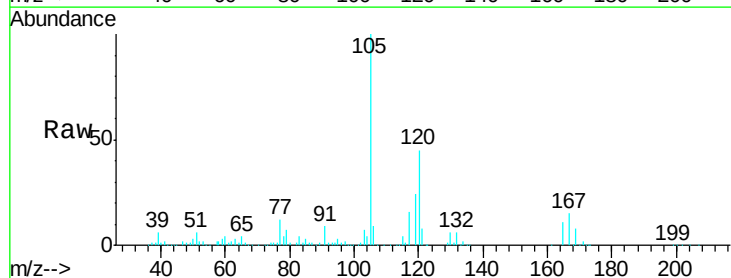
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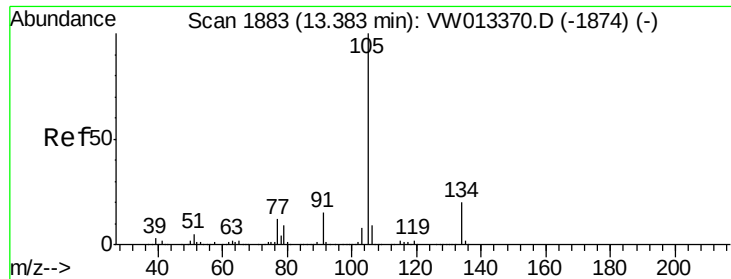
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.307 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.3





#85

sec-Butylbenzene

Concen: 20.740 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBSD01

Tgt Ion:105 Resp: 299373

Ion Ratio Lower Upper

105 100

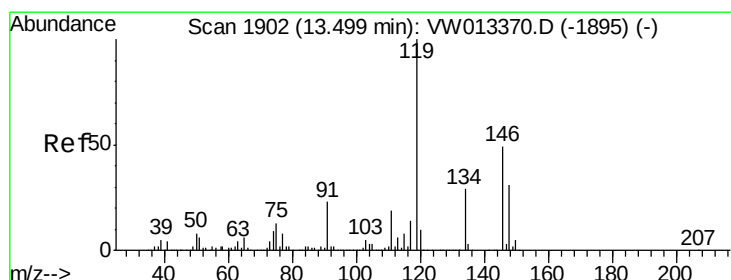
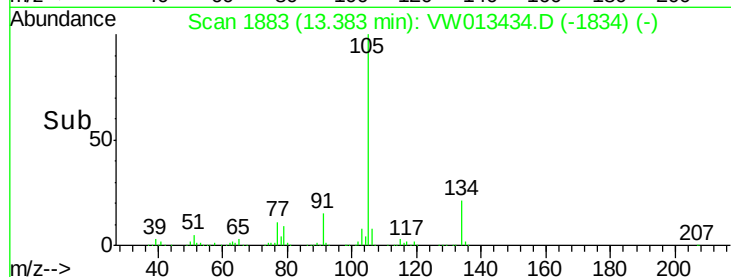
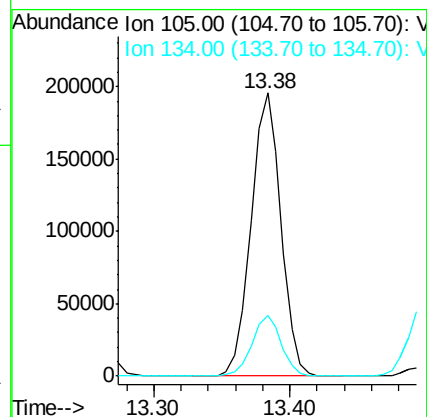
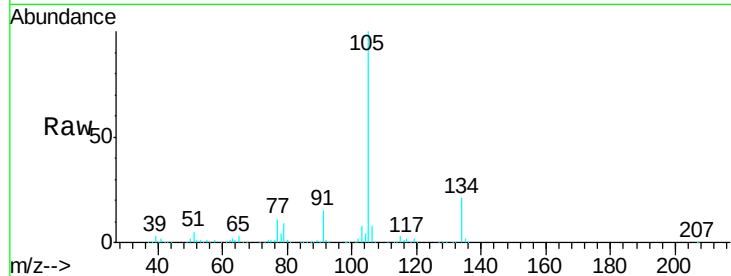
134 21.1 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.503 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

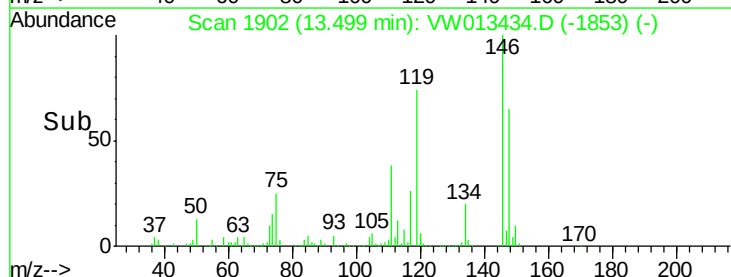
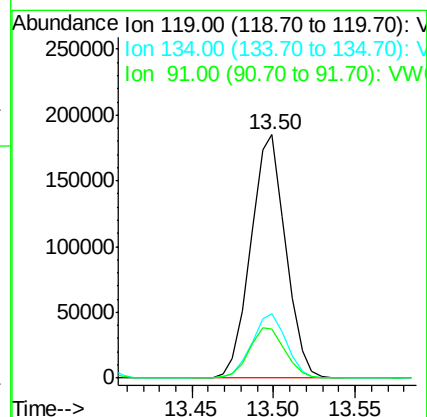
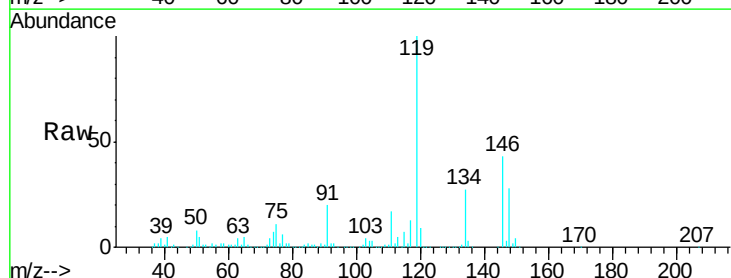
Tgt Ion:119 Resp: 274275

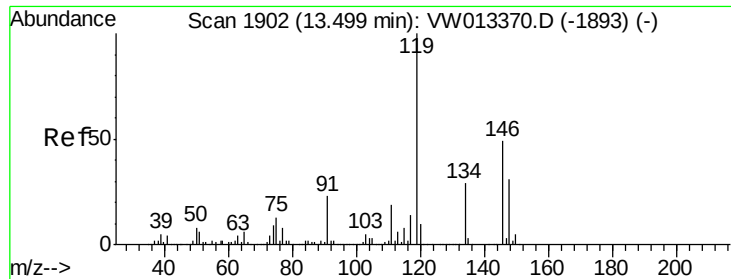
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 21.4 10.8 32.4





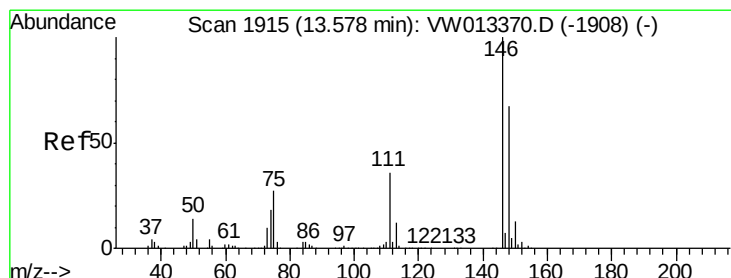
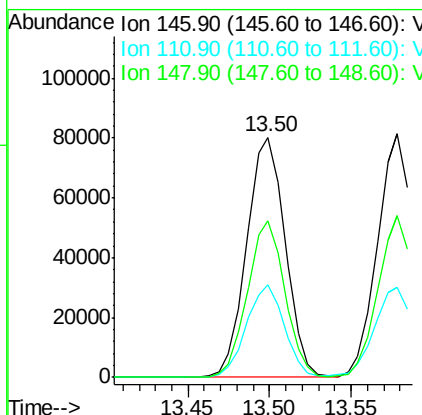
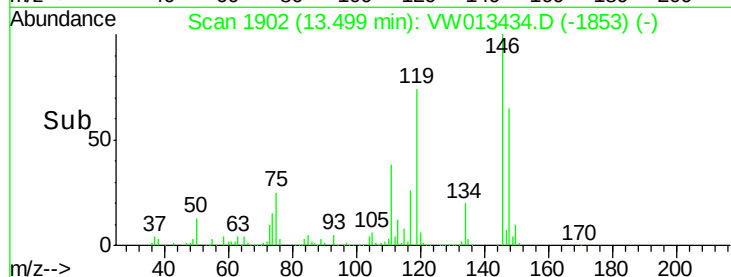
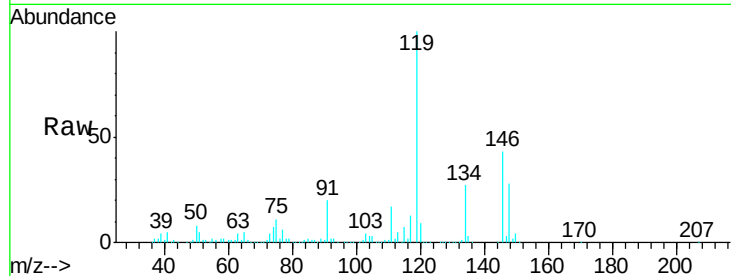
#87
 1,3-Dichlorobenzene
 Concen: 20.288 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	63.3	31.9	95.5

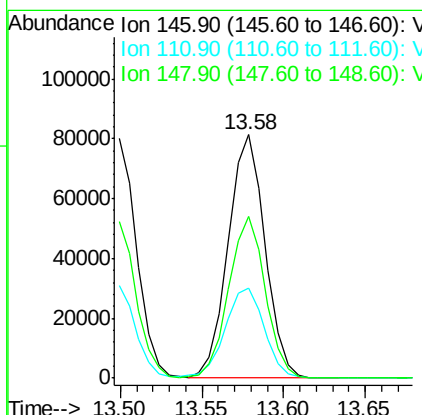
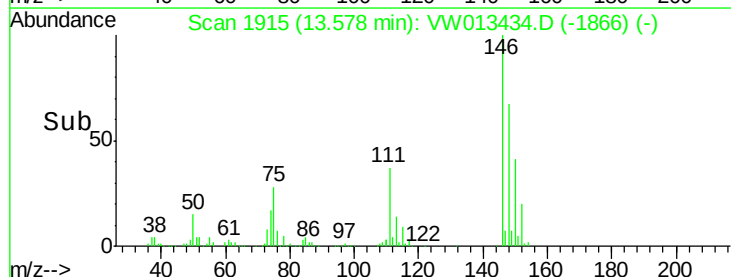
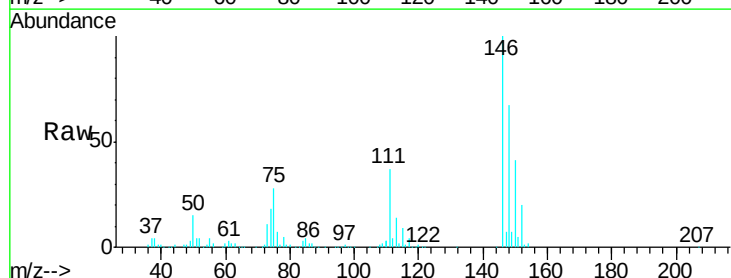
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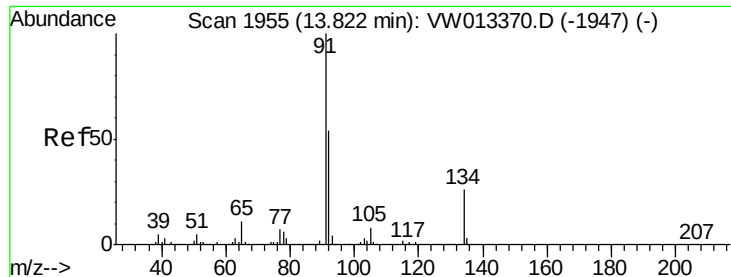
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#88
 1,4-Dichlorobenzene
 Concen: 19.568 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	18.4	55.0
148	66.2	32.1	96.3





#89

n-Butylbenzene

Concen: 20.735 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

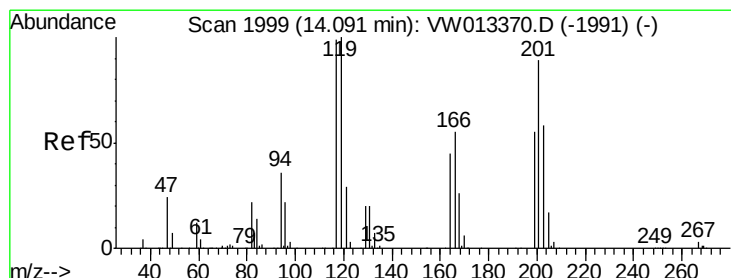
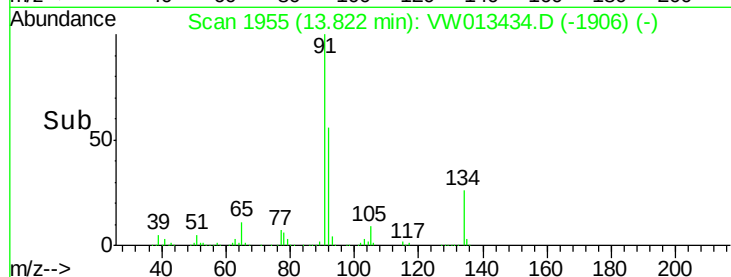
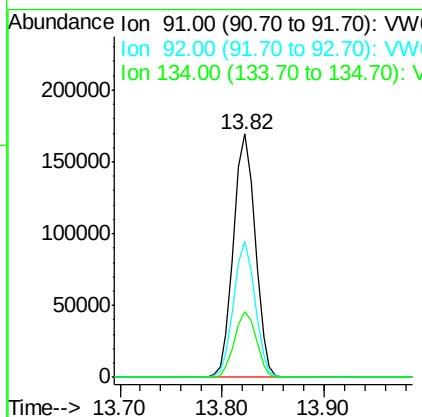
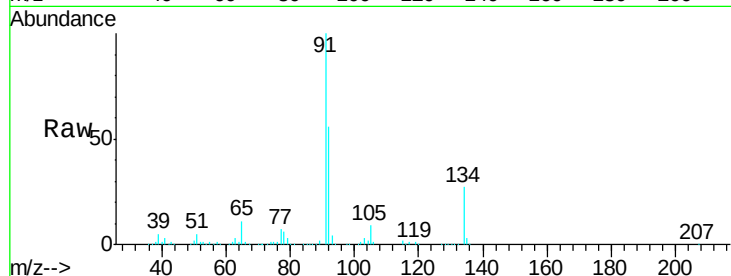
ClientSampleId :

VW1004SBSD01

Tgt Ion:	91	Resp:	250072
Ion Ratio	Lower	Upper	
91	100		
92	54.8	27.6	82.8
134	27.1	13.7	41.1

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#90

Hexachloroethane

Concen: 21.132 ug/l

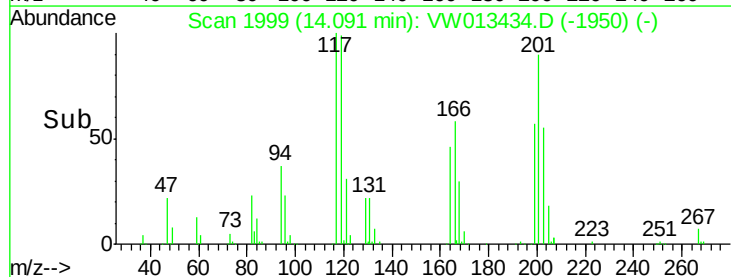
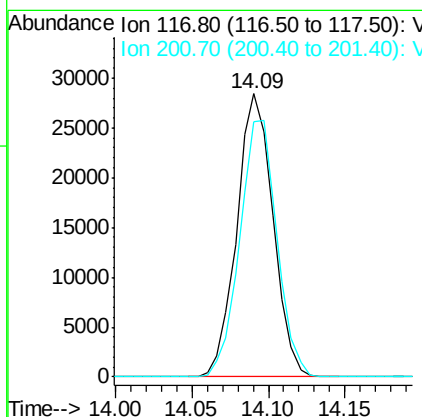
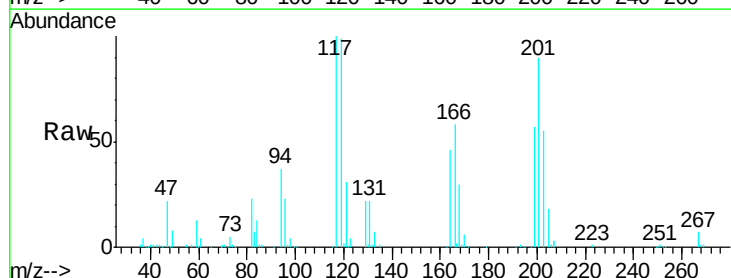
RT: 14.09 min Scan# 1999

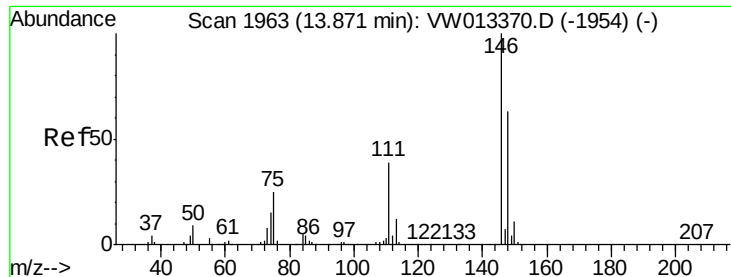
Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	117	Resp:	46703
Ion Ratio	Lower	Upper	
117	100		
201	93.1	44.5	133.5





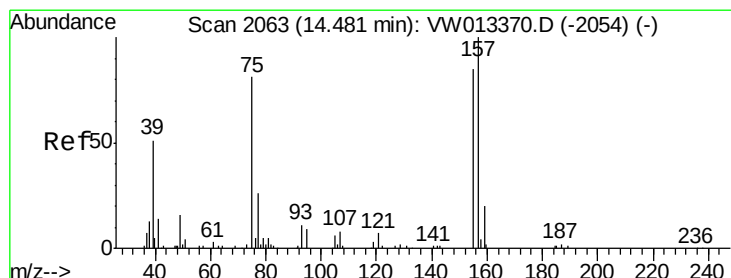
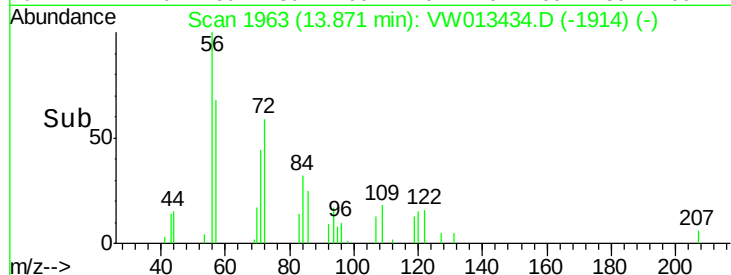
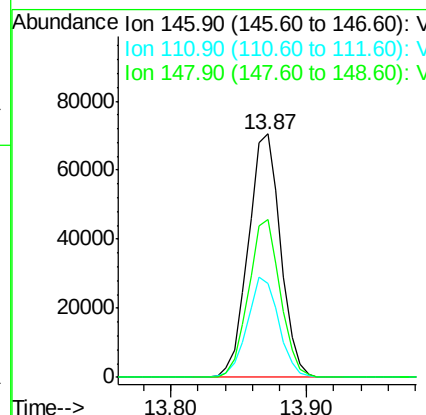
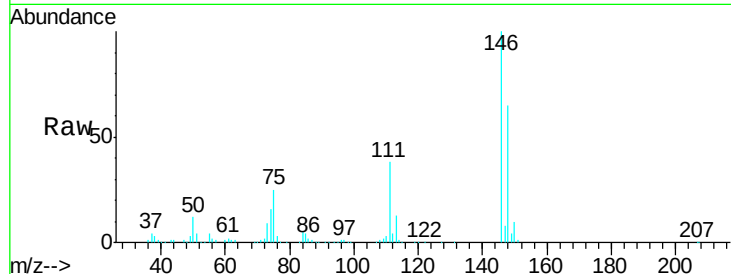
#91
 1,2-Dichlorobenzene
 Concen: 20.323 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	117104		
111	40.1	20.1	60.3	
148	63.7	32.0	96.0	

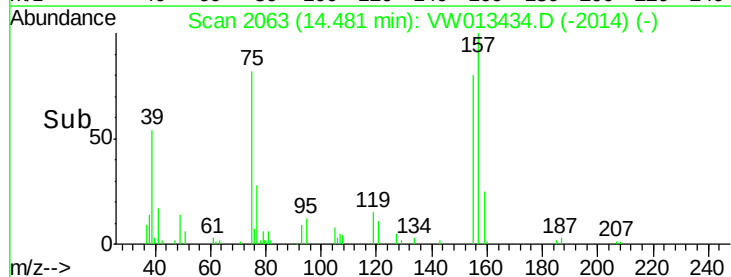
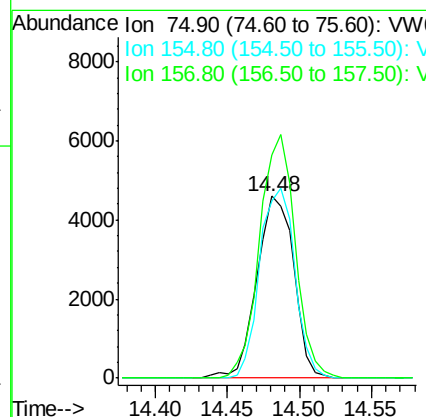
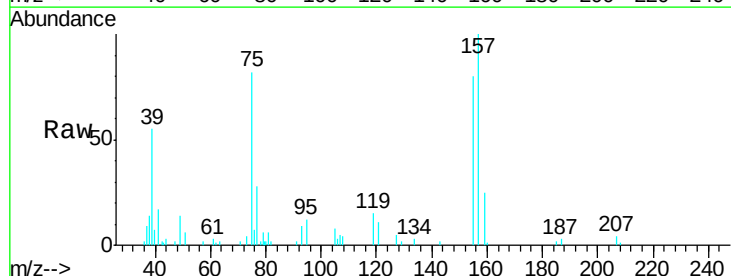
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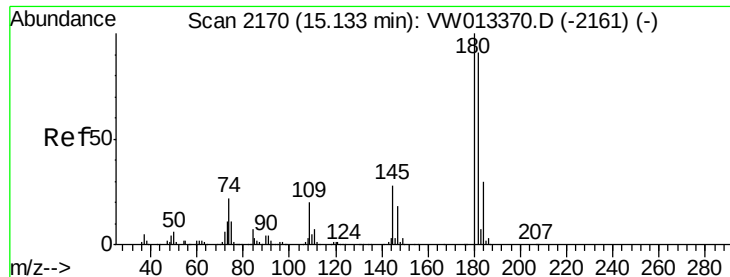
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.344 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	8162		
155	98.4	46.1	138.3	
157	128.8	60.4	181.2	





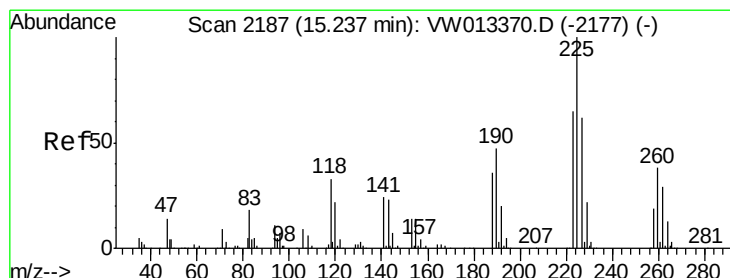
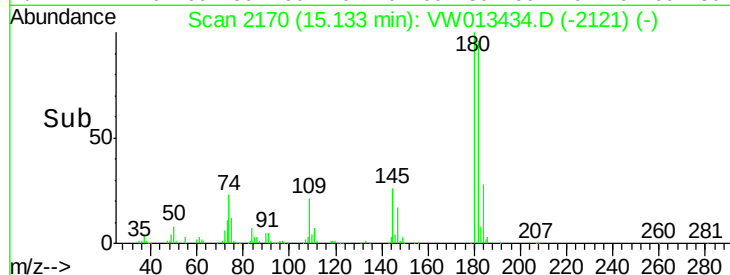
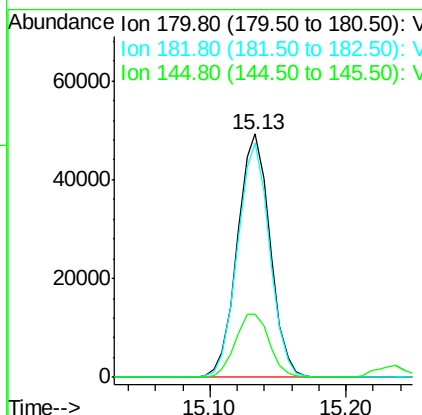
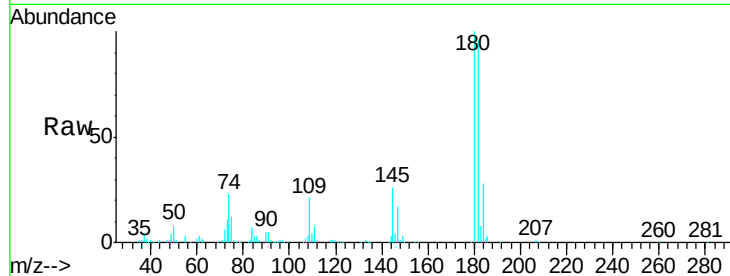
#93
 1,2,4-Trichlorobenzene
 Concen: 19.957 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	82527		
182	94.5	47.3	142.0	
145	27.1	14.2	42.8	

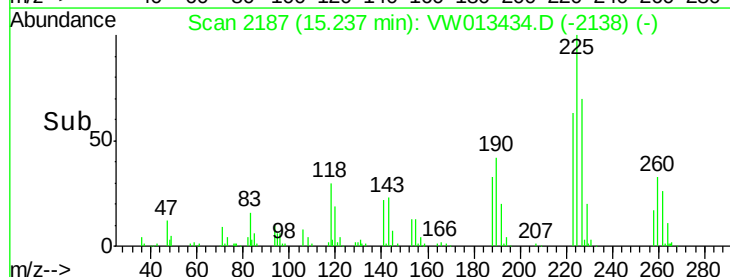
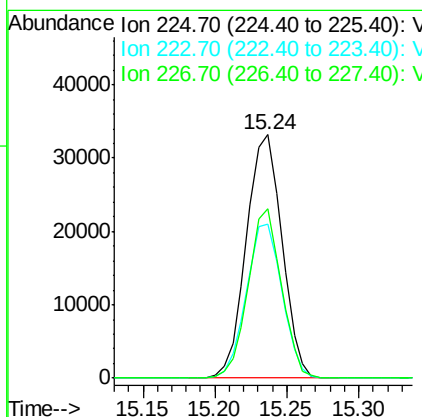
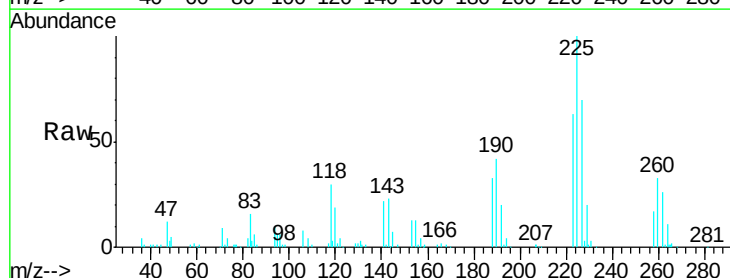
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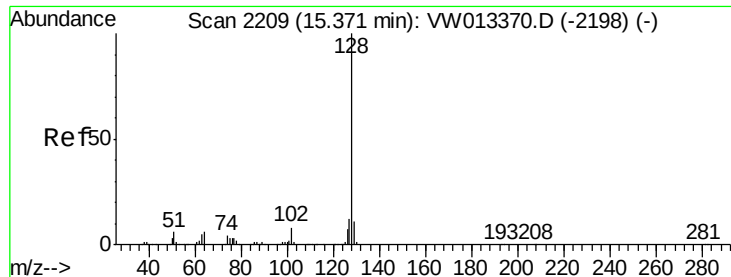
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#94
 Hexachlorobutadiene
 Concen: 21.130 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW013434.D
 Acq: 04 Oct 2019 13:09

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	56760		
223	63.7	30.6	91.8	
227	64.9	31.9	95.9	





#95

Naphthalene

Concen: 20.800 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Instrument :

MSVOA_W

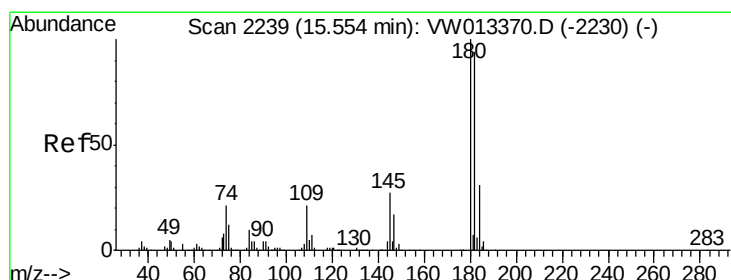
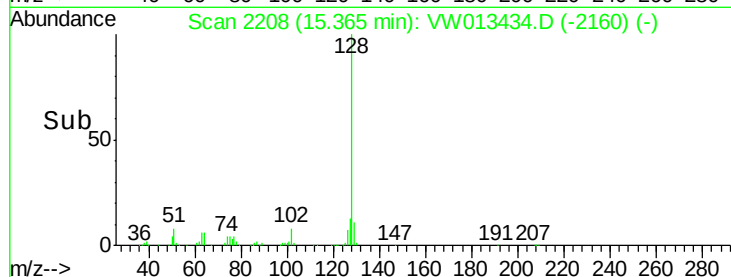
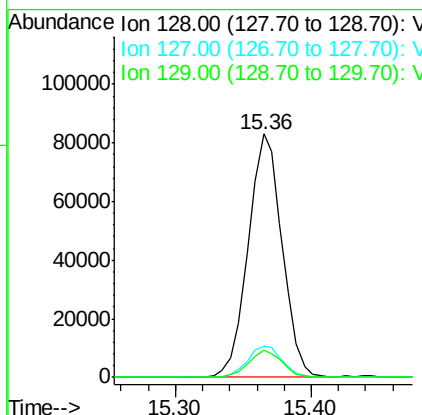
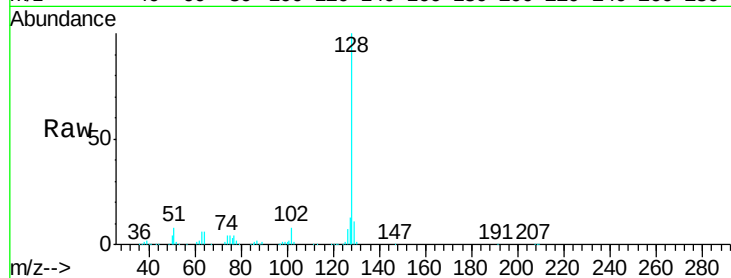
ClientSampleId :

VW1004SBSD01

Tgt Ion:	128	Resp:	145095
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	15.8
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/9/2019 11:48:17 AM



#96

1,2,3-Trichlorobenzene

Concen: 20.191 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013434.D

Acq: 04 Oct 2019 13:09

Tgt Ion:	180	Resp:	72900
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.9	143.7
145	29.6	15.0	45.0

