

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012134.D
 Acq On : 23 Aug 2019 15:56
 Operator : SY/VA
 Sample : VW0823SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:38:41 AM

Quant Time: Aug 26 07:39:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	426621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369182	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	160771	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	
35) Dibromofluoromethane	7.88	113	129469	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	10.32	98	531587	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
62) 4-Bromofluorobenzene	12.62	95	186640	51.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30556	18.708	ug/l	99
3) Chloromethane	2.21	50	46499	18.376	ug/l	100
4) Vinyl Chloride	2.36	62	57641	18.611	ug/l	97
5) Bromomethane	2.76	94	26571	16.940	ug/l	96
6) Chloroethane	2.92	64	32243	18.454	ug/l	99
7) Trichlorofluoromethane	3.24	101	26280	16.898	ug/l	91
8) Diethyl Ether	3.68	74	28579	19.360	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50519	19.111	ug/l	99
10) Methyl Iodide	4.27	142	64198	17.949	ug/l	100
11) Tert butyl alcohol	5.20	59	18721	98.654	ug/l	100
12) 1,1-Dichloroethene	4.04	96	49886	18.749	ug/l	98
13) Acrolein	3.89	56	17434	97.599	ug/l	94
14) Allyl chloride	4.67	41	109695	19.285	ug/l	99
15) Acrylonitrile	5.37	53	70087	95.789	ug/l	99
16) Acetone	4.13	43	71282	88.434	ug/l	95
17) Carbon Disulfide	4.38	76	133826	16.643	ug/l	98
18) Methyl Acetate	4.67	43	40551	20.312	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	84686	19.682	ug/l	96
20) Methylene Chloride	4.92	84	58924	19.337	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	53414	18.721	ug/l	99
22) Diisopropyl ether	6.31	45	214515	20.346	ug/l	98
23) Vinyl Acetate	6.25	43	633227	97.590	ug/l	100
24) 1,1-Dichloroethane	6.21	63	112855	19.659	ug/l	99
25) 2-Butanone	7.17	43	103534	94.523	ug/l	100
26) 2,2-Dichloropropane	7.16	77	62588	19.262	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	59440	19.499	ug/l	98
28) Bromochloromethane	7.51	49	51880	20.735	ug/l	100
29) Tetrahydrofuran	7.53	42	65210	99.232	ug/l	99
30) Chloroform	7.67	83	104814	19.956	ug/l	97
31) Cyclohexane	7.95	56	104018	18.314	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	81223	19.549	ug/l	99
36) 1,1-Dichloropropene	8.08	75	83800	19.008	ug/l	99
37) Ethyl Acetate	7.25	43	46160	19.107	ug/l	97
38) Carbon Tetrachloride	8.07	117	72574	19.019	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	90969	18.367	ug/l	99
40) Benzene	8.32	78	235566	19.568	ug/l	100
41) Methacrylonitrile	7.48	41	29642	20.876	ug/l	93
42) 1,2-Dichloroethane	8.40	62	74628	19.780	ug/l	99
43) Isopropyl Acetate	8.42	43	85948	19.206	ug/l	99
44) Trichloroethene	9.09	130	57476	19.640	ug/l	97
45) 1,2-Dichloropropane	9.37	63	64279	19.840	ug/l	98
46) Dibromomethane	9.46	93	28344	19.663	ug/l	97
47) Bromodichloromethane	9.65	83	75324	19.634	ug/l	98
48) Methyl methacrylate	9.43	41	40647	19.084	ug/l	96
49) 1,4-Dioxane	9.46	88	8477	384.139	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	223374	98.139	ug/l	100
52) Toluene	10.38	92	142352	19.684	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	75912	19.425	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	90750	19.233	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40434	19.825	ug/l	96
56) Ethyl methacrylate	10.65	69	58235	19.619	ug/l	99
57) 1,3-Dichloropropane	10.93	76	75786	19.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	147499	96.821	ug/l	99
59) 2-Hexanone	10.97	43	155171	96.351	ug/l	100
60) Dibromochloromethane	11.13	129	43898	19.324	ug/l	99
61) 1,2-Dibromoethane	11.24	107	37569	19.772	ug/l	98
64) Tetrachloroethene	10.86	164	46293	19.341	ug/l	99
65) Chlorobenzene	11.66	112	143308	19.714	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50196	19.793	ug/l	99
67) Ethyl Benzene	11.73	91	273543	19.534	ug/l	98
68) m/p-Xylenes	11.84	106	199875	39.625	ug/l	98
69) o-Xylene	12.16	106	91988	19.704	ug/l	99
70) Styrene	12.18	104	159347	19.719	ug/l	99
71) Bromoform	12.35	173	23674	18.736	ug/l #	98
73) Isopropylbenzene	12.46	105	260450	19.705	ug/l	99
74) N-amyl acetate	12.27	43	76804	19.233	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47481	19.595	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	33907m	19.737	ug/l	
77) Bromobenzene	12.74	156	56226	19.664	ug/l	100
78) n-propylbenzene	12.80	91	318052	19.711	ug/l	99
79) 2-Chlorotoluene	12.89	91	181398	19.801	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	218820	19.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15006	19.152	ug/l	96
82) 4-Chlorotoluene	12.99	91	193727	20.197	ug/l	99
83) tert-Butylbenzene	13.21	119	185664	19.846	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	220885	19.910	ug/l	100
85) sec-Butylbenzene	13.38	105	267461	19.955	ug/l	99
86) p-Isopropyltoluene	13.50	119	238838	19.953	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	111916	20.010	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	110345	19.870	ug/l	98
89) n-Butylbenzene	13.82	91	235870	19.815	ug/l	99
90) Hexachloroethane	14.10	117	41044	19.544	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	98188	20.012	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7539	18.455	ug/l	97

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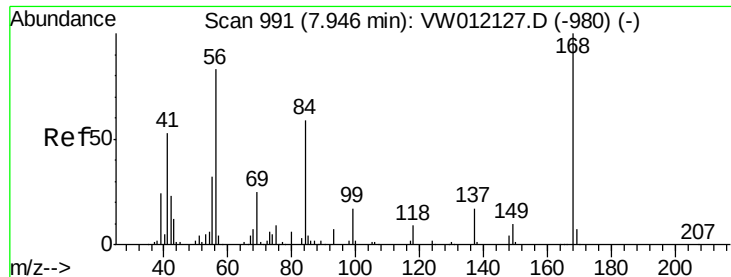
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	69081	20.374	ug/l	100
94) Hexachlorobutadiene	15.24	225	45121	20.154	ug/l	98
95) Naphthalene	15.37	128	118027	20.527	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	59817	20.220	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: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion:168 Resp: 265260

Ion Ratio Lower Upper

168 100

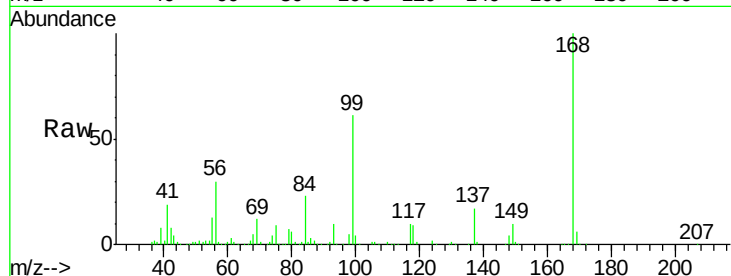
99 60.9 49.2 73.8

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

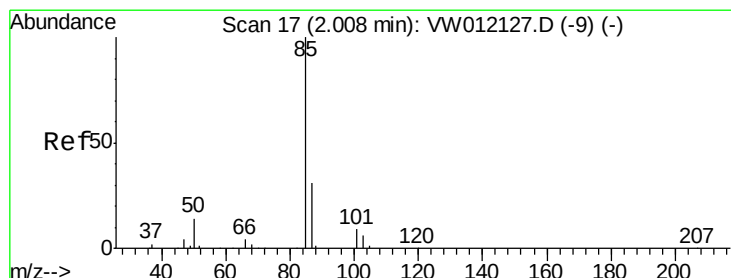
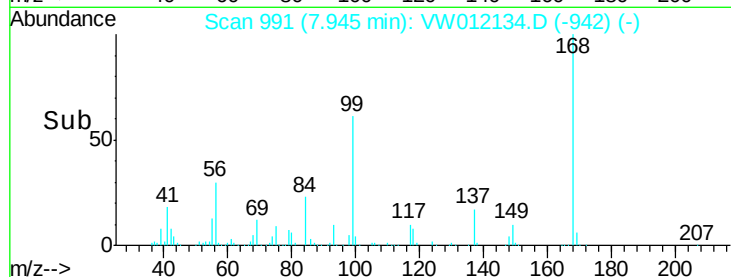
7.95

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.708 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012134.D

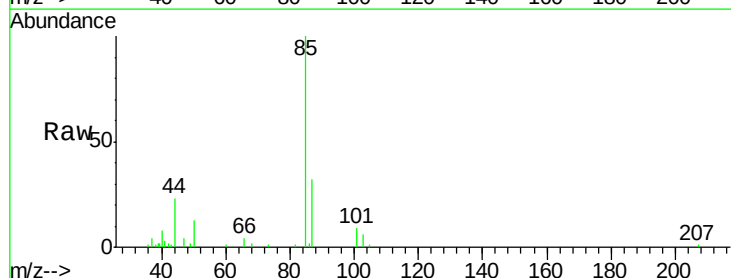
Acq: 23 Aug 2019 15:56

Tgt Ion: 85 Resp: 30556

Ion Ratio Lower Upper

85 100

87 31.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

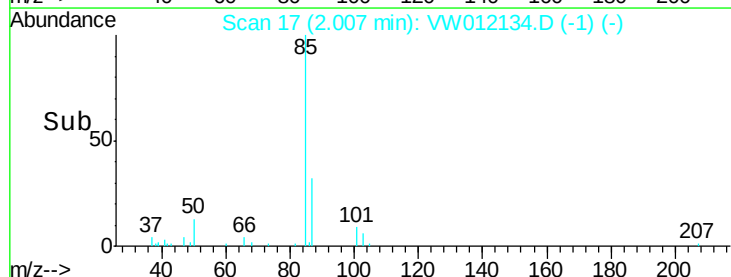
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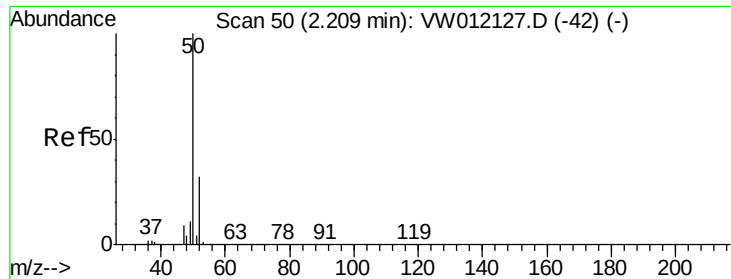
4000

2000

0

Time-->





#3

Chloromethane

Concen: 18.376 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 50 Resp: 46499

Ion Ratio Lower Upper

50 100

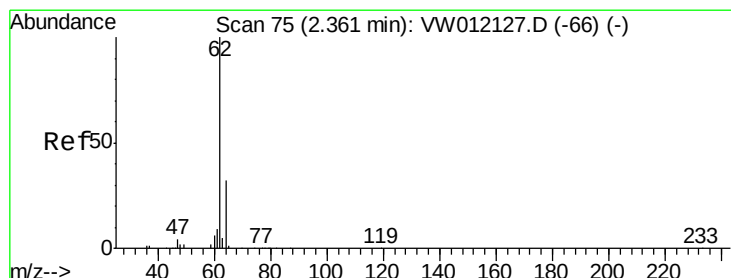
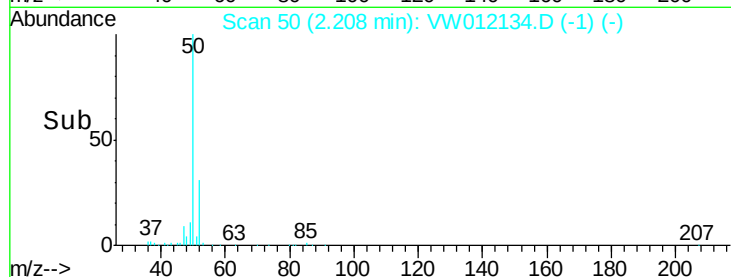
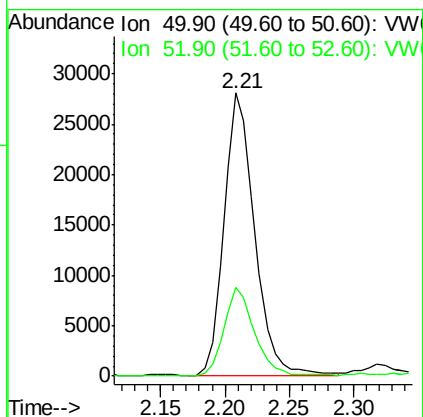
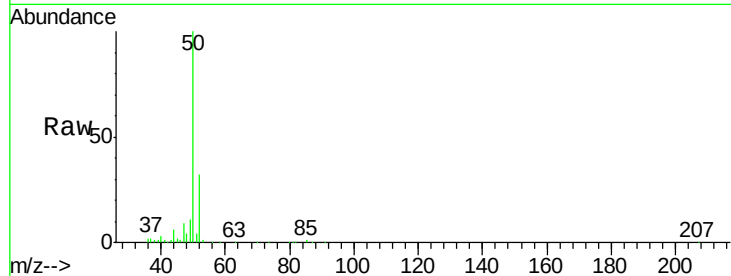
52 31.6 25.5 38.3

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#4

Vinyl Chloride

Concen: 18.611 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012134.D

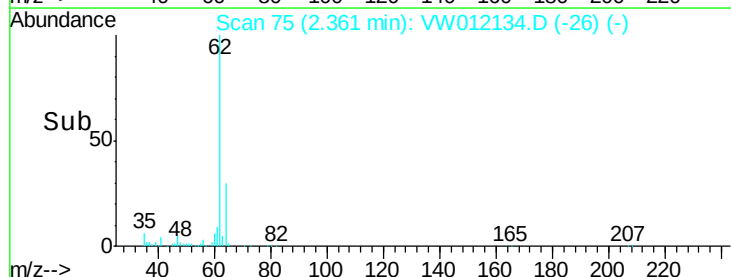
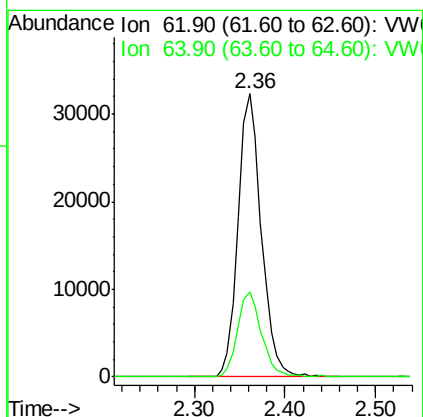
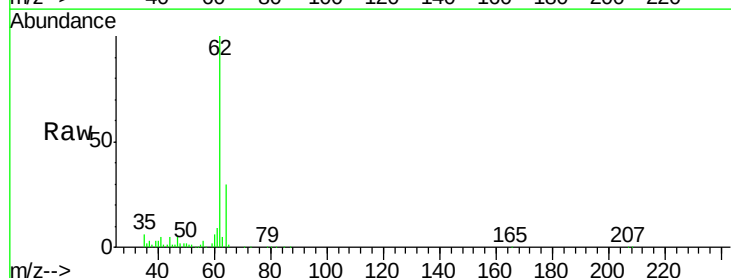
Acq: 23 Aug 2019 15:56

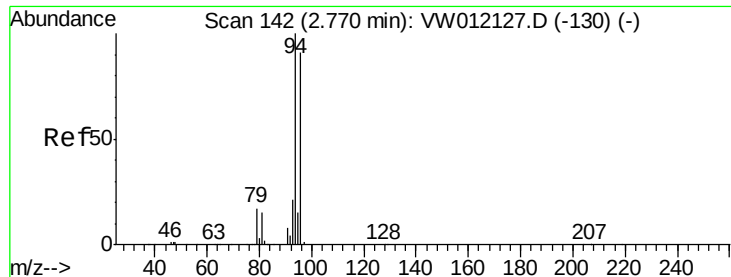
Tgt Ion: 62 Resp: 57641

Ion Ratio Lower Upper

62 100

64 29.8 25.3 37.9





#5

Bromomethane

Concen: 16.940 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 94 Resp: 26571

Ion Ratio Lower Upper

94 100

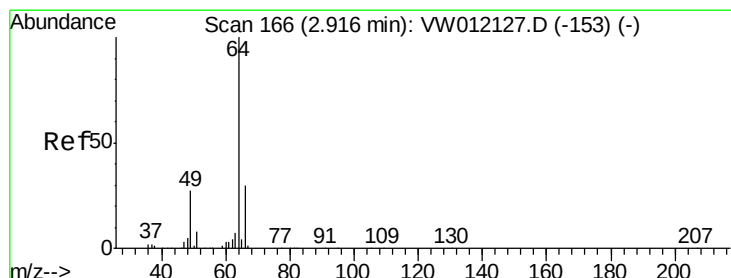
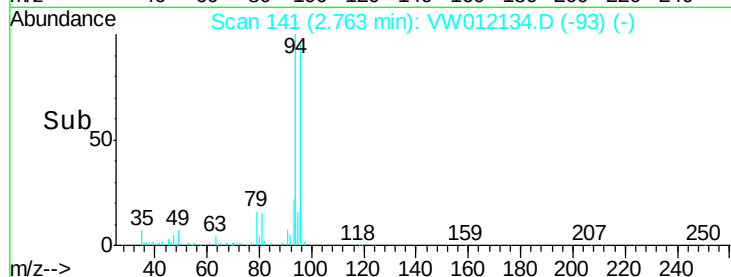
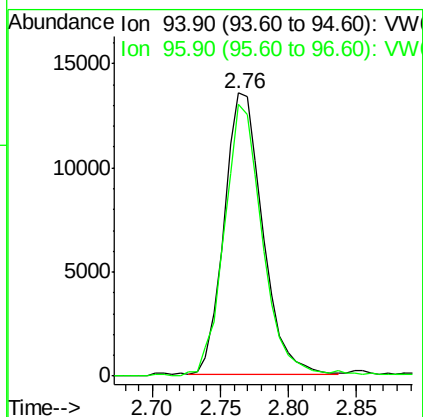
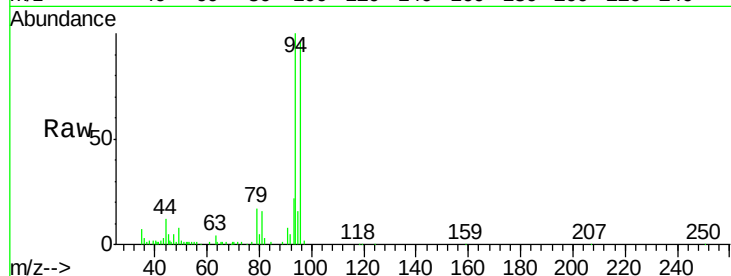
96 95.1 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 18.454 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW012134.D

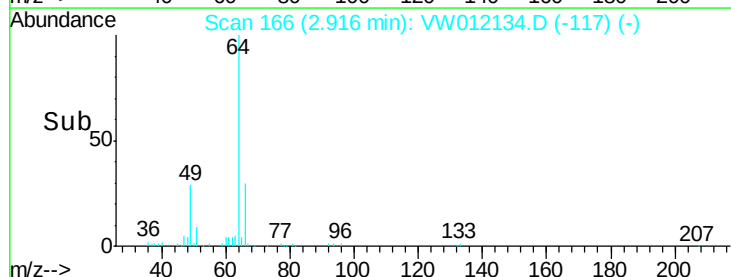
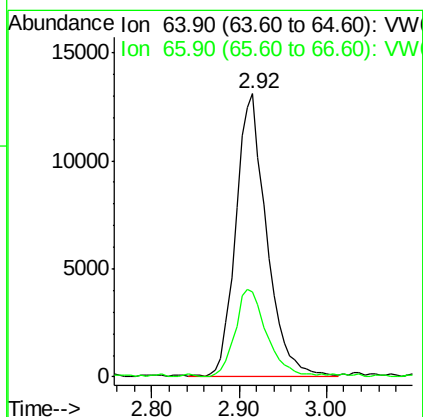
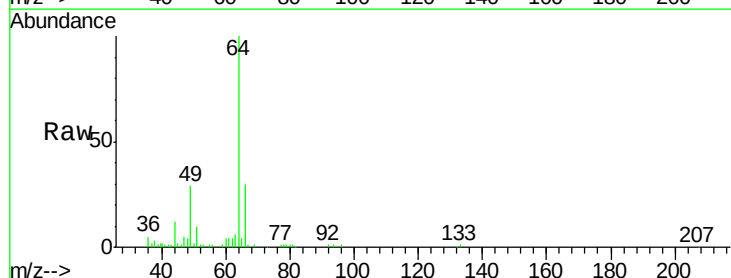
Acq: 23 Aug 2019 15:56

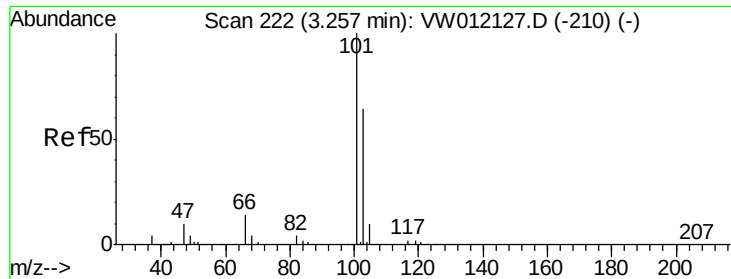
Tgt Ion: 64 Resp: 32243

Ion Ratio Lower Upper

64 100

66 29.2 23.8 35.8





#7

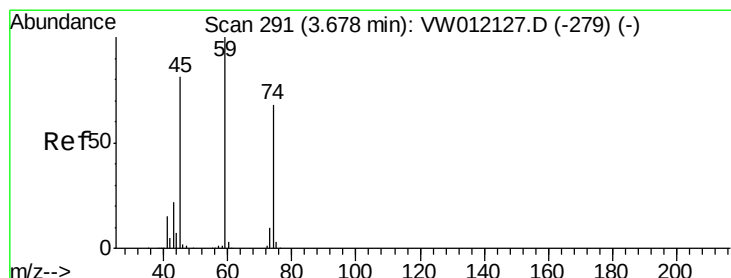
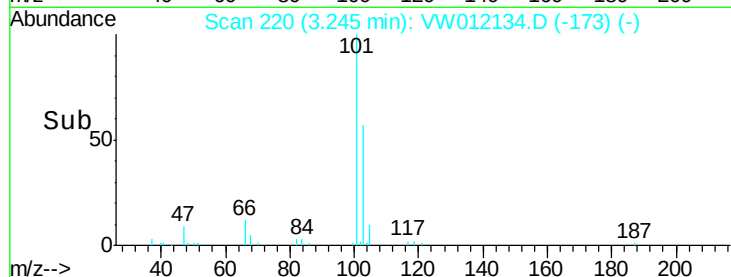
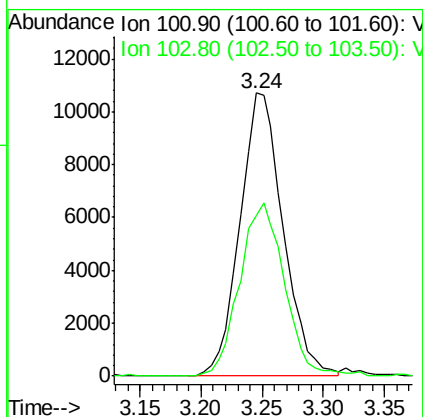
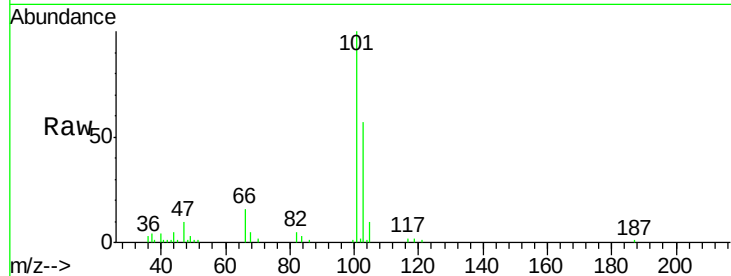
Trichlorofluoromethane
 Concen: 16.898 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
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 VW0823SBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	26280		
103	56.7		51.2	76.8

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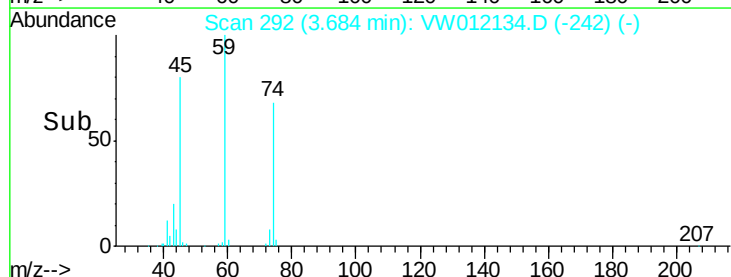
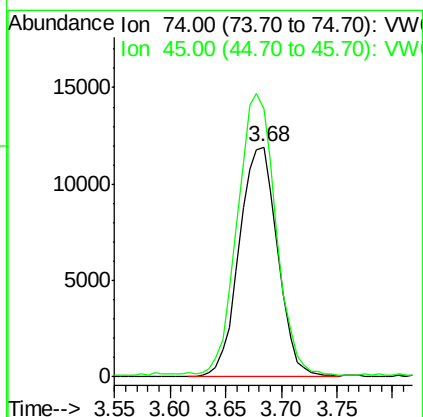
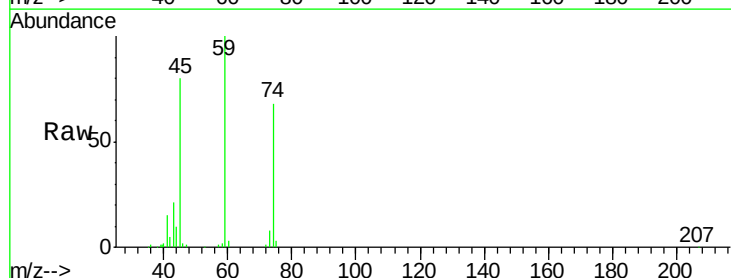
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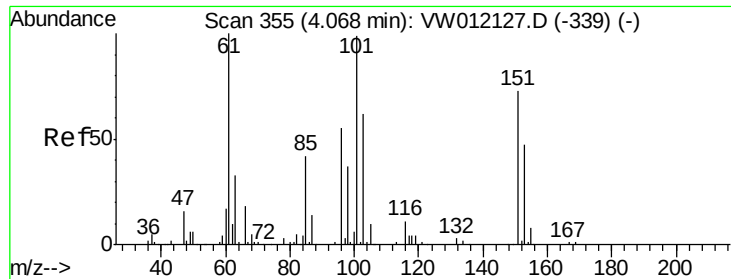


#8

Diethyl Ether
 Concen: 19.360 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.01 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	28579		
45	123.9		59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.111 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

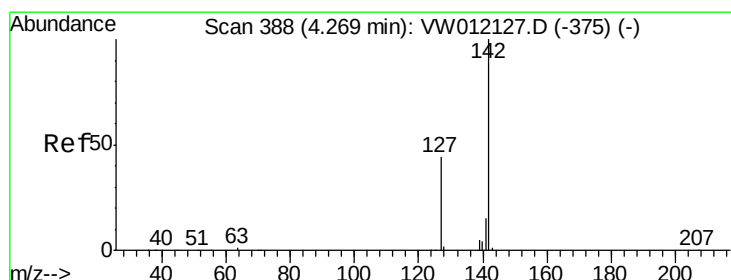
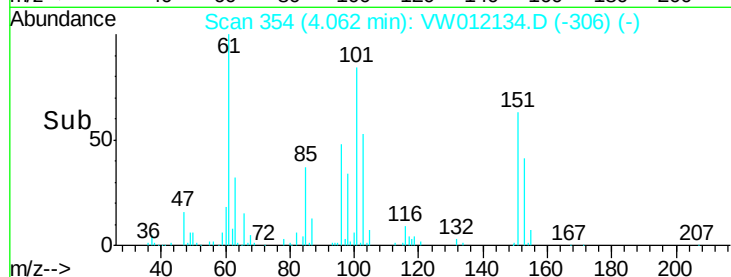
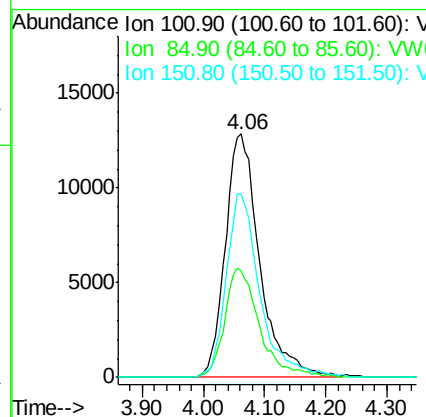
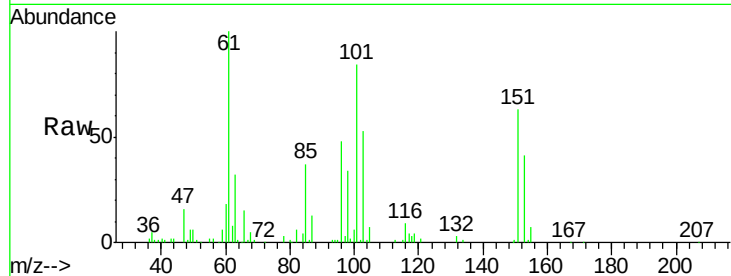
ClientSampleId :

VW0823SBS01

Tot Ion:	101	Resp:	50519
Ion Ratio	Lower	Upper	
101	100		
85	45.3	35.8	53.6
151	73.6	58.6	87.8

Manual Integrations
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#10

Methyl Iodide

Concen: 17.949 ug/l

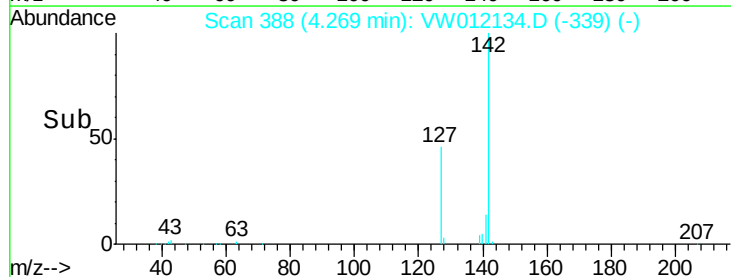
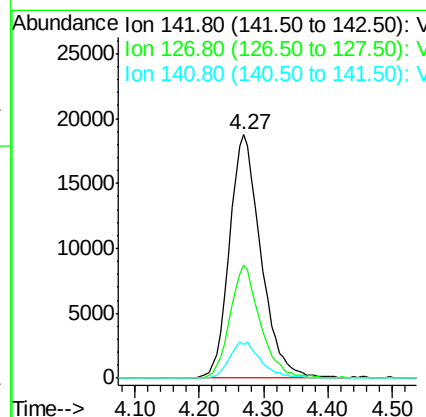
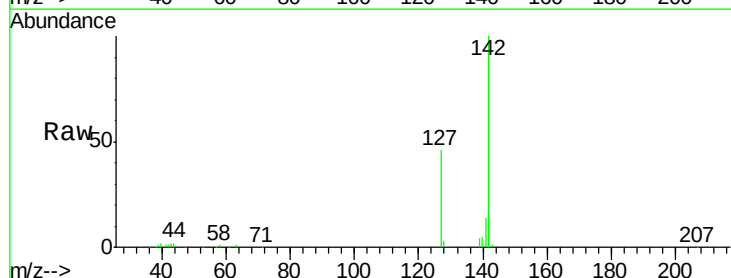
RT: 4.27 min Scan# 388

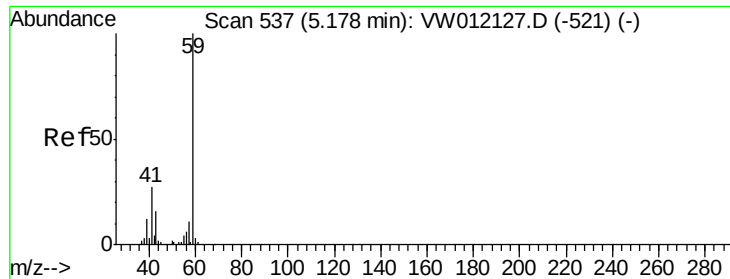
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	142	Resp:	64198
Ion Ratio	Lower	Upper	
142	100		
127	44.6	35.5	53.3
141	14.9	11.8	17.8





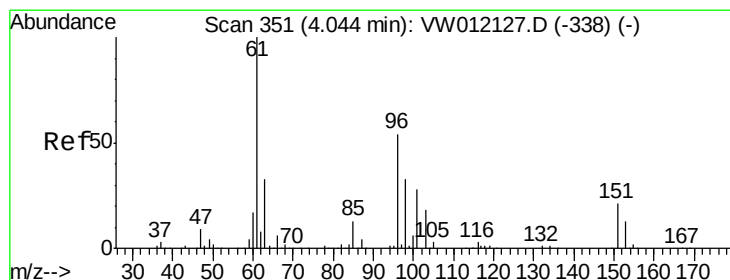
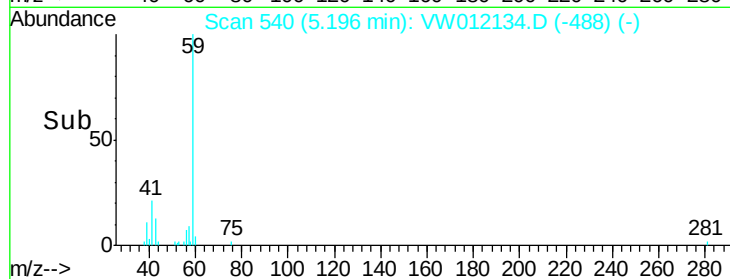
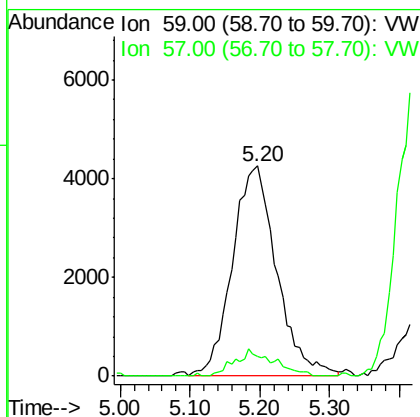
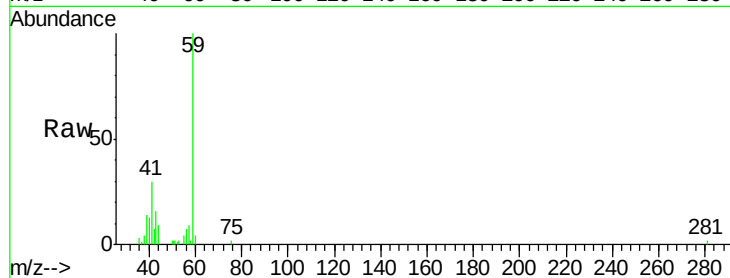
#11
Tert butyl alcohol
Concen: 98.654 ug/l
RT: 5.20 min Scan# 540
Delta R.T. 0.02 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	100		18721		
57	11.3		9.0	13.4	

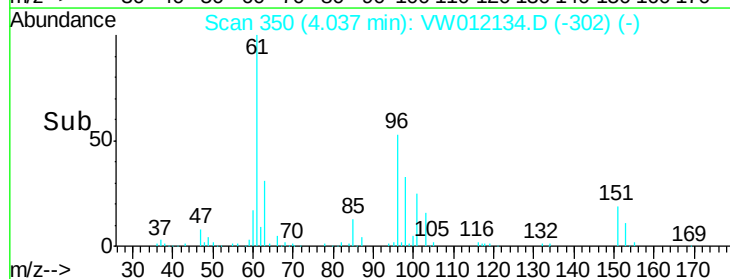
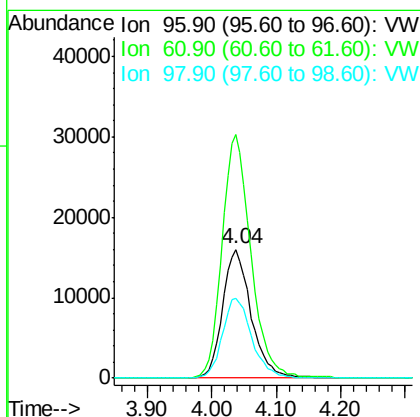
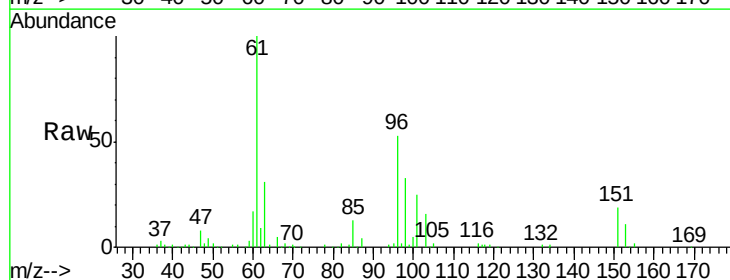
Manual Integrations
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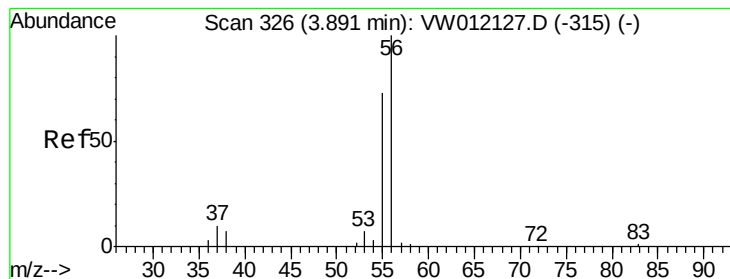
MMDadoda
8/26/2019 11:38:41 AM



#12
1,1-Dichloroethene
Concen: 18.749 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		49886		
61	189.6		149.1	223.7	
98	62.4		49.4	74.2	





#13

Acrolein

Concen: 97.599 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 56 Resp: 17434

Ion Ratio Lower Upper

56 100

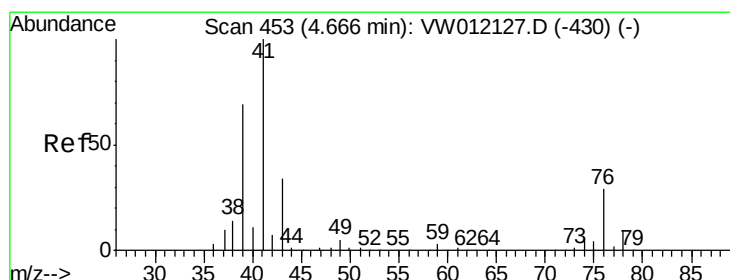
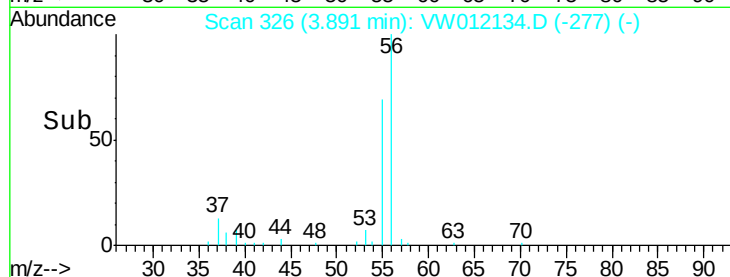
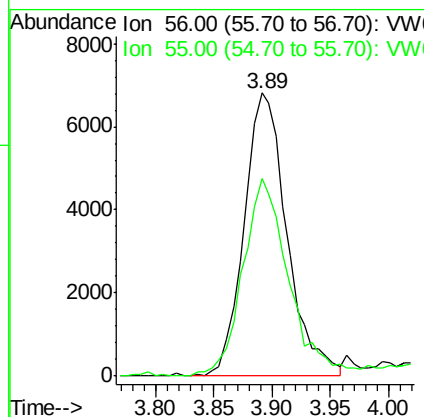
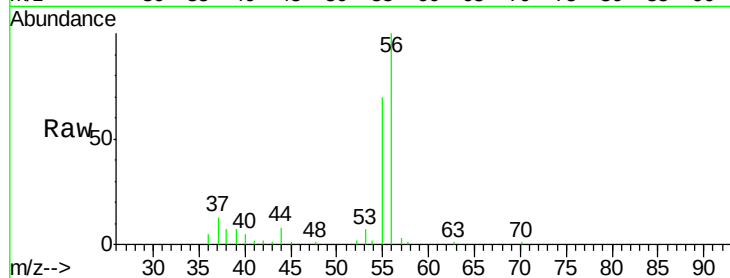
55 75.0 55.8 83.8

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#14

Allyl chloride

Concen: 19.285 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

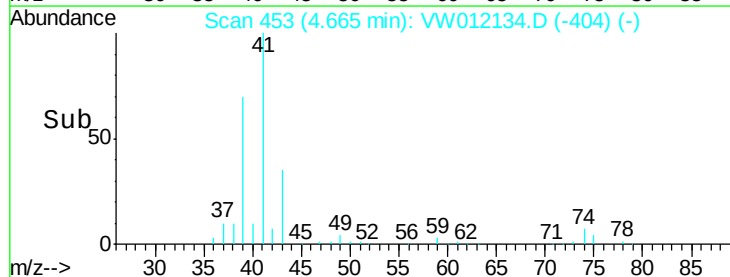
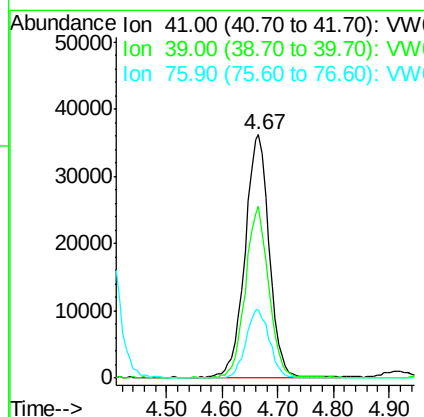
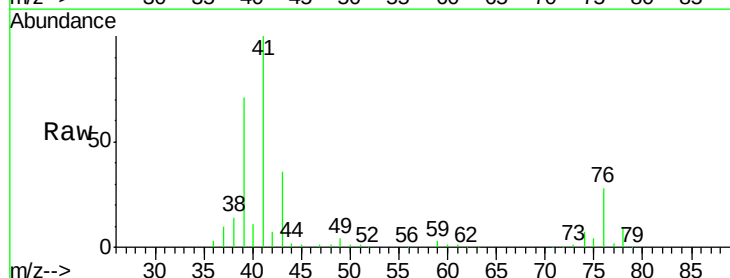
Tgt Ion: 41 Resp: 109695

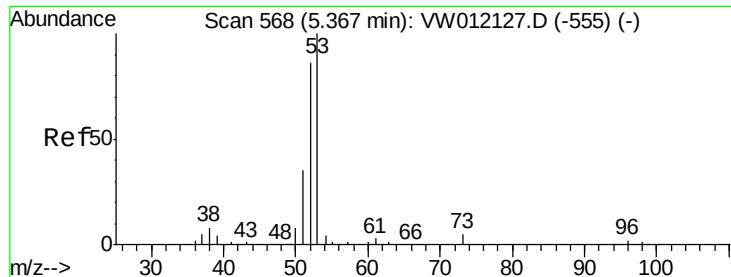
Ion Ratio Lower Upper

41 100

39 68.0 53.4 80.2

76 27.3 22.1 33.1





#15

Acrylonitrile

Concen: 95.789 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

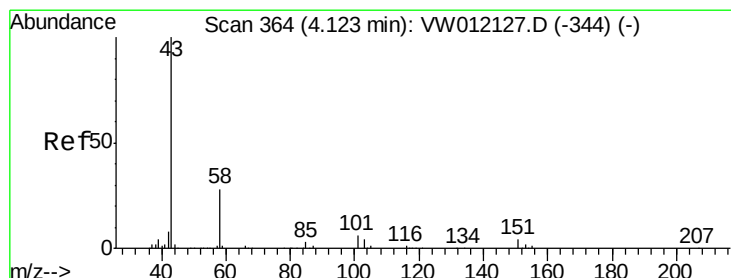
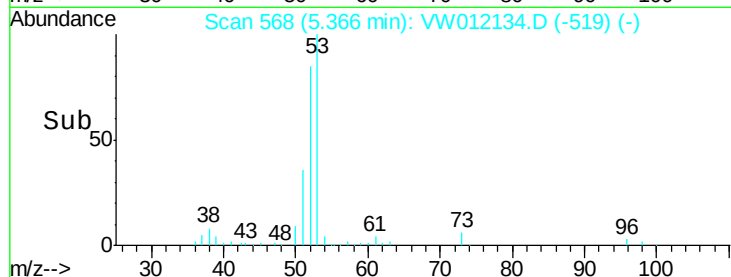
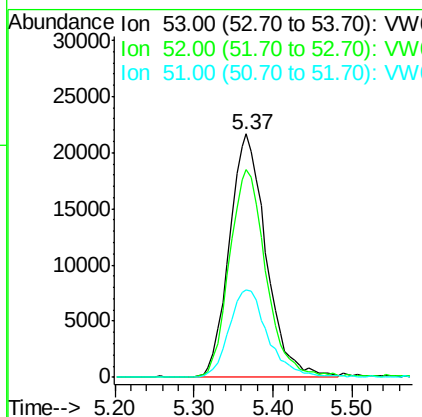
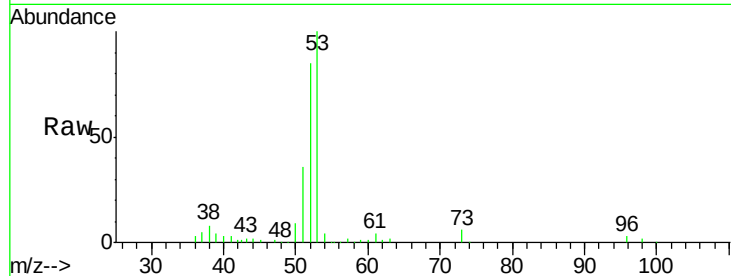
ClientSampleId :

VW0823SBS01

Tot Ion:	53	Resp:	70087
Ion	Ratio	Lower	Upper
53	100		
52	85.2	66.7	100.1
51	37.8	30.1	45.1

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#16

Acetone

Concen: 88.434 ug/l

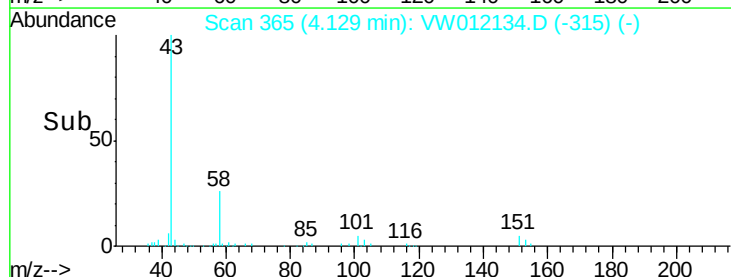
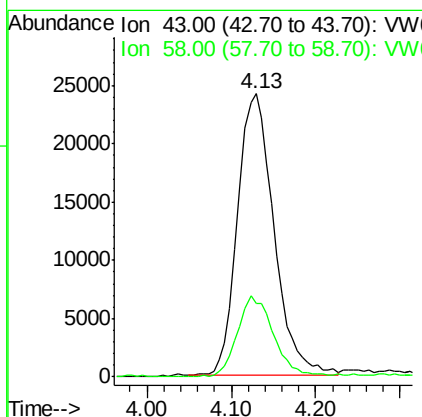
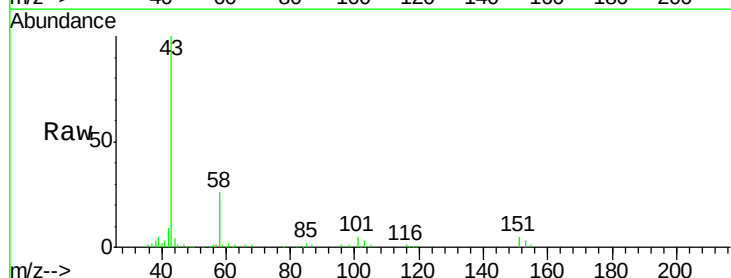
RT: 4.13 min Scan# 365

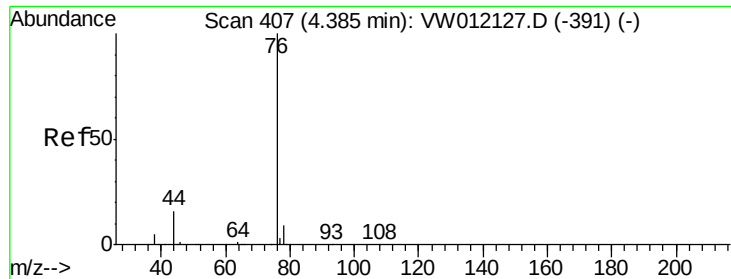
Delta R.T. 0.01 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	43	Resp:	71282
Ion	Ratio	Lower	Upper
43	100		
58	25.6	22.4	33.6





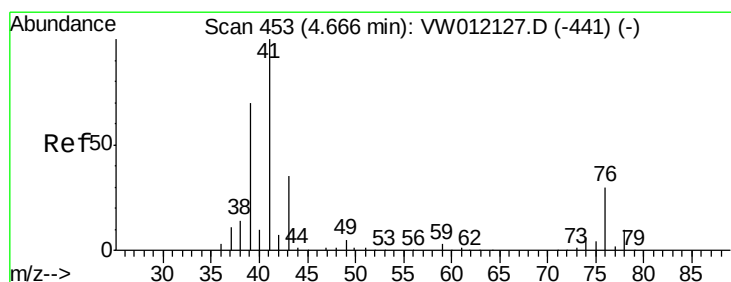
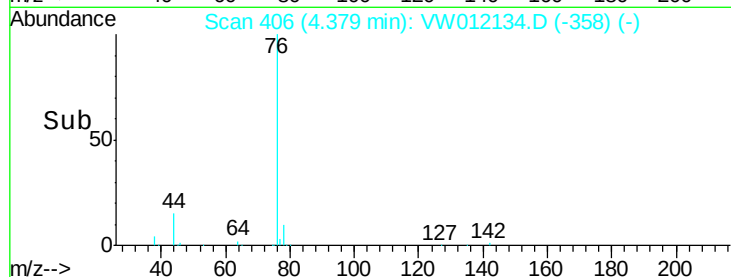
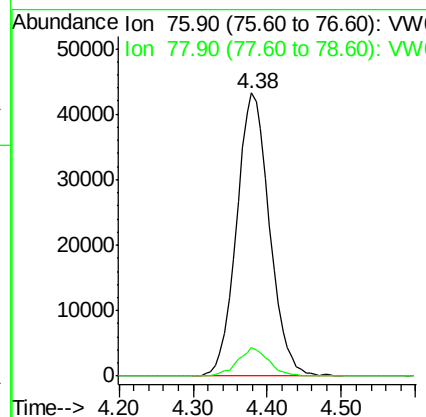
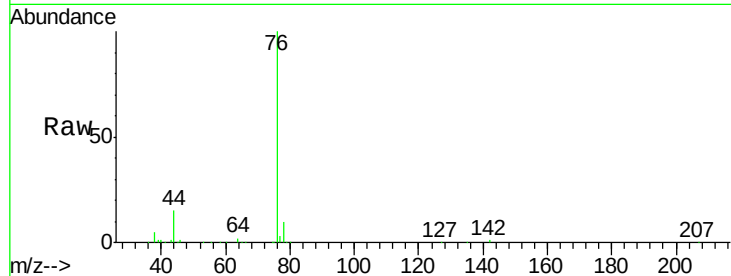
#17
Carbon Disulfide
Concen: 16.643 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampled :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.3	10.9

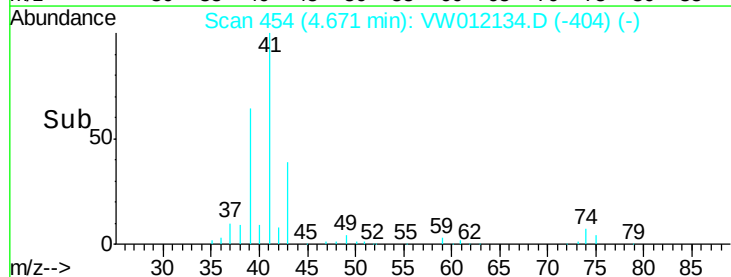
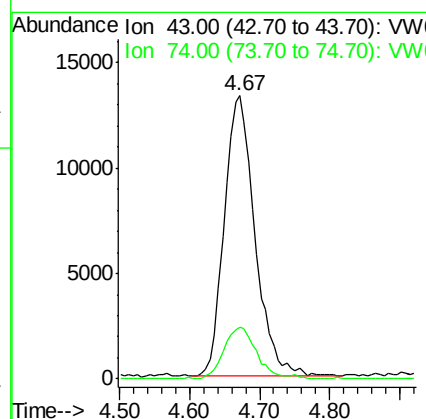
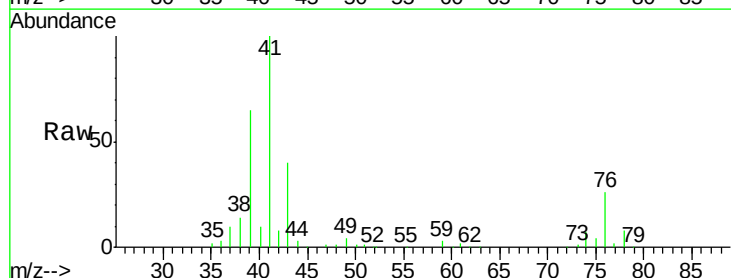
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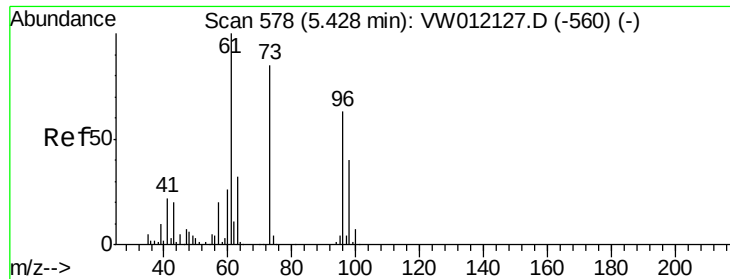
MMDadoda
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#18
Methyl Acetate
Concen: 20.312 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.4	15.7	23.5





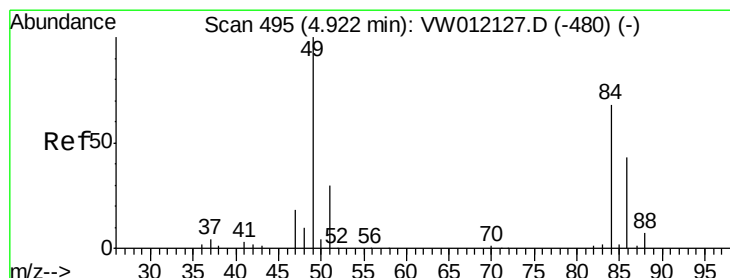
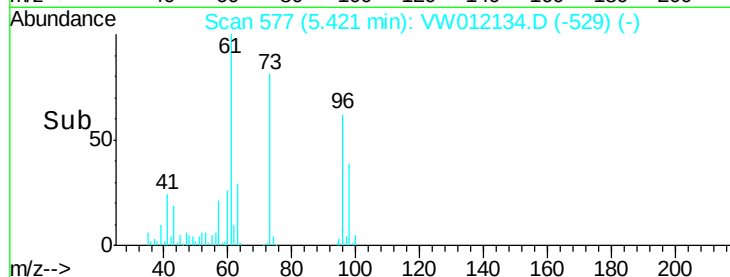
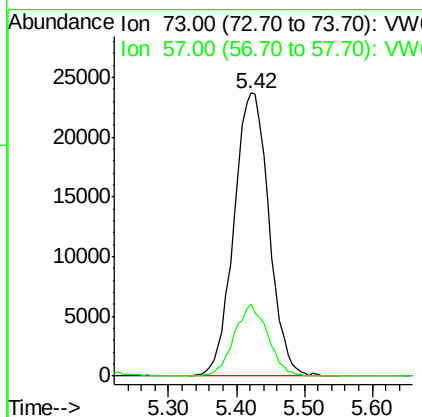
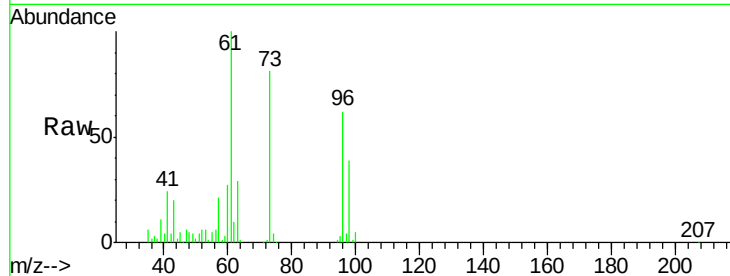
#19
Methyl tert-butyl Ether
Concen: 19.682 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.5	18.9	28.3

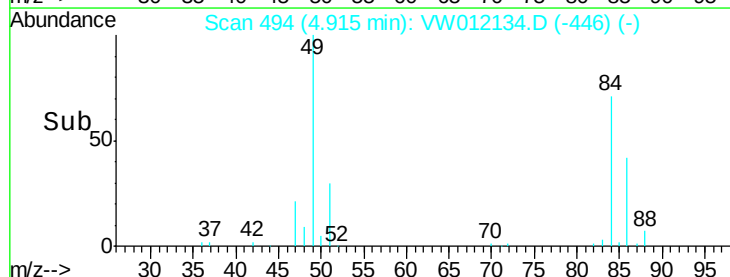
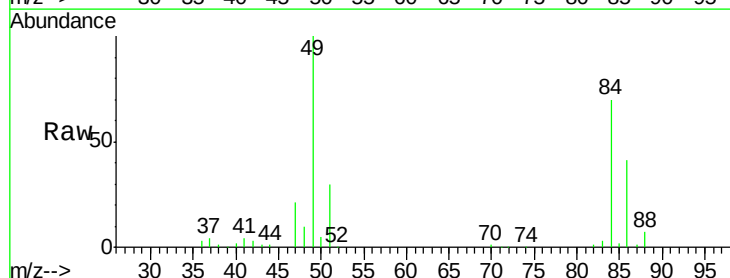
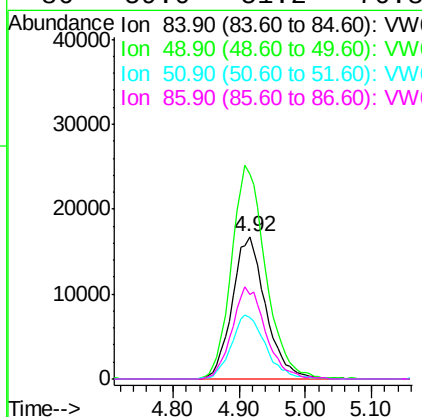
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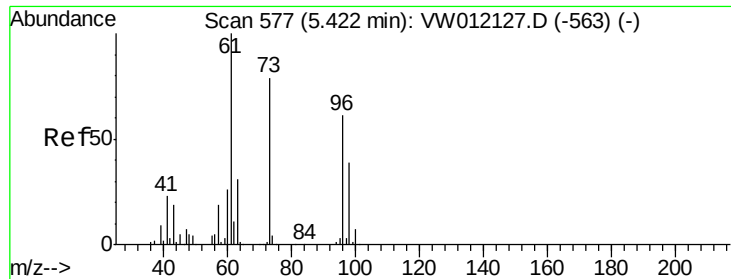
MMDadoda
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#20
Methylene Chloride
Concen: 19.337 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	143.4	117.8	176.8
51	42.8	35.6	53.4
86	59.0	51.2	76.8





#21

trans-1,2-Dichloroethene

Concen: 18.721 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

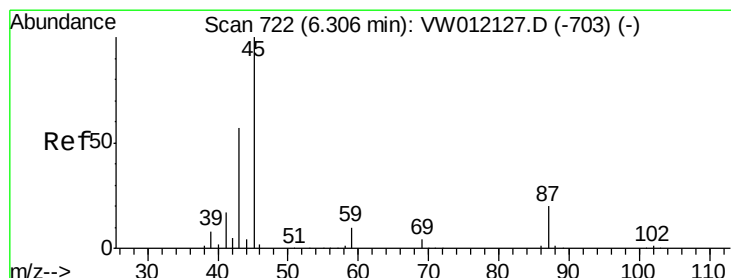
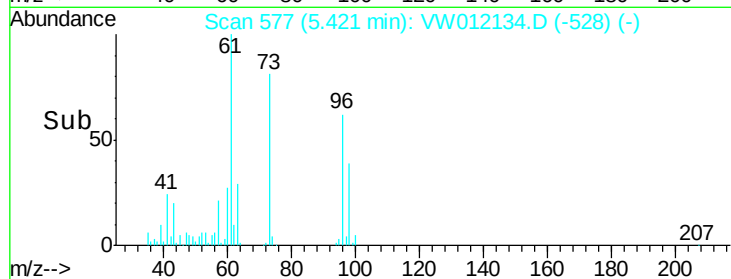
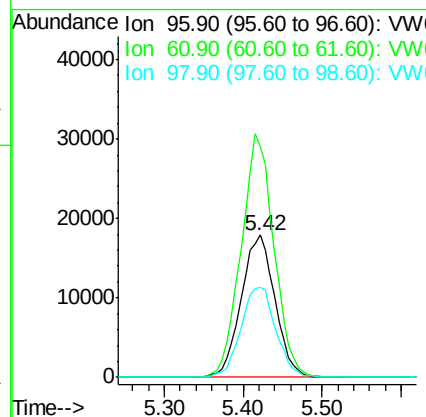
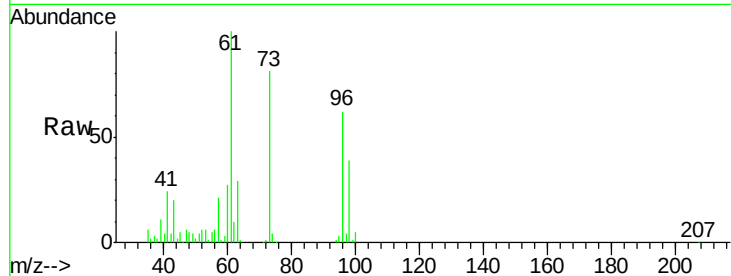
ClientSampleId :

VW0823SBS01

Tot Ion:	96	Resp:	53414
Ion	Ratio	Lower	Upper
96	100		
61	162.3	131.4	197.0
98	63.0	51.4	77.0

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#22

Diisopropyl ether

Concen: 20.346 ug/l

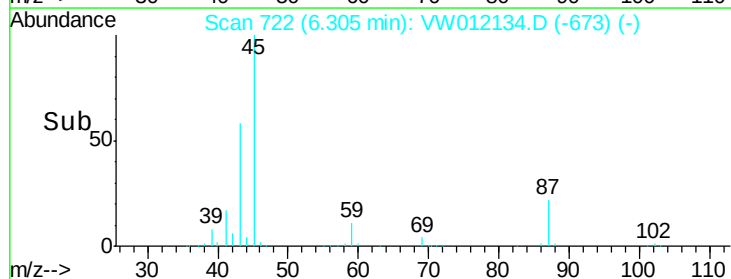
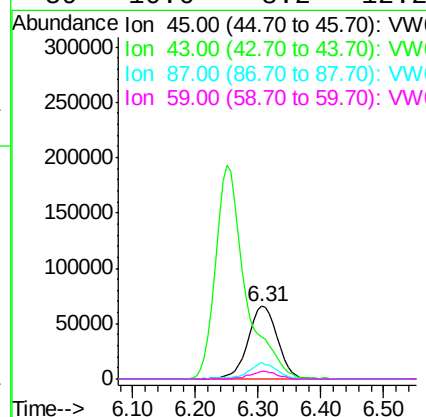
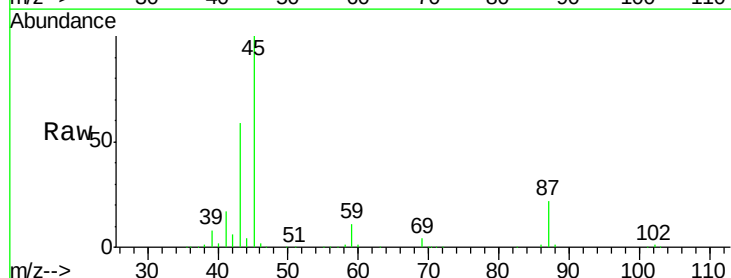
RT: 6.31 min Scan# 722

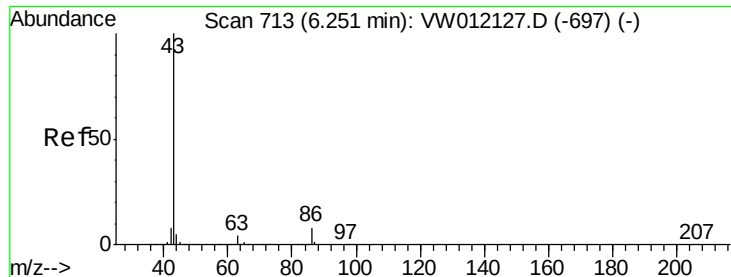
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	45	Resp:	214515
Ion	Ratio	Lower	Upper
45	100		
43	57.9	45.5	68.3
87	22.1	16.1	24.1
59	10.6	8.2	12.2





#23

Vinyl Acetate

Concen: 97.590 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 43 Resp: 633227

Ion Ratio Lower Upper

43 100

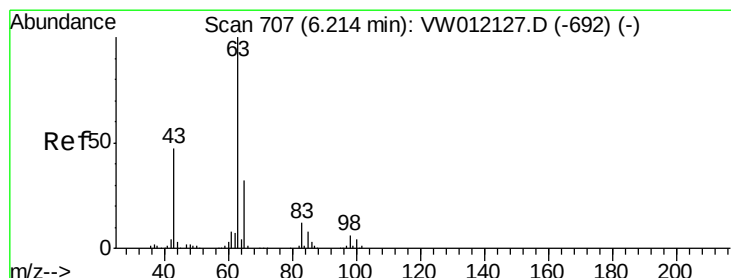
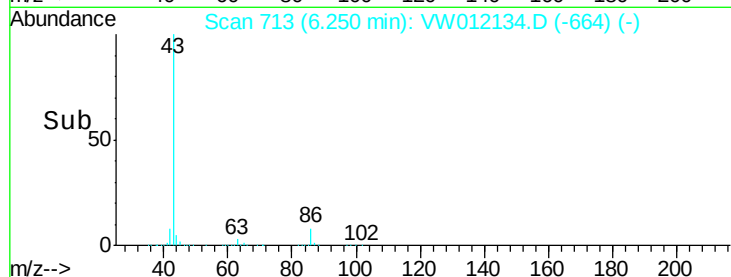
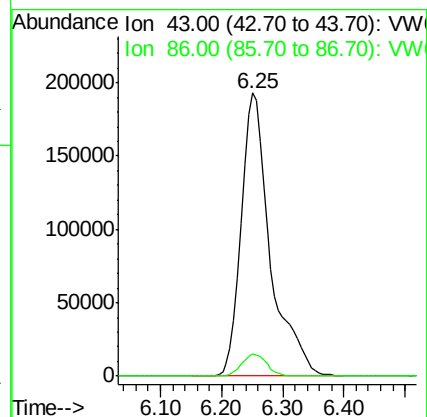
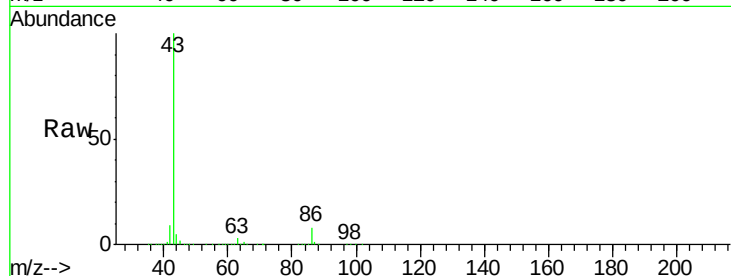
86 8.1 6.5 9.7

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#24

1,1-Dichloroethane

Concen: 19.659 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

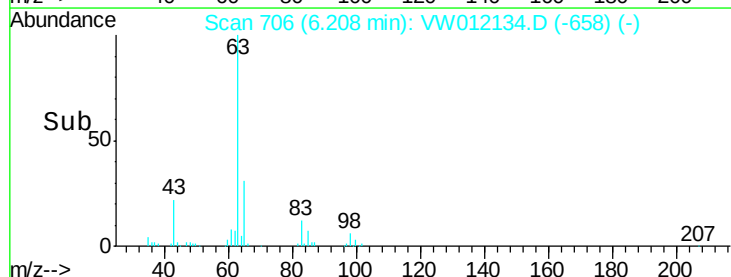
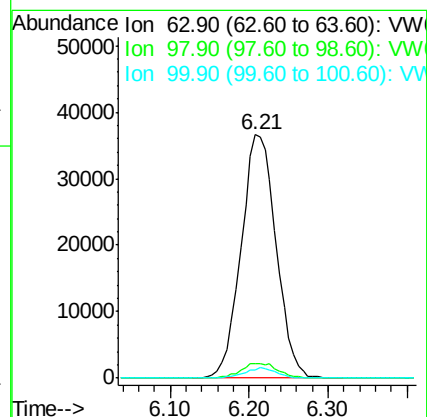
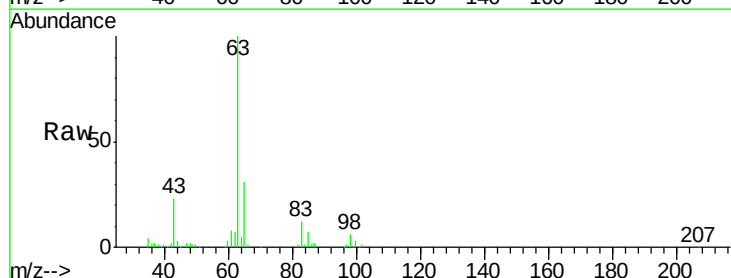
Tgt Ion: 63 Resp: 112855

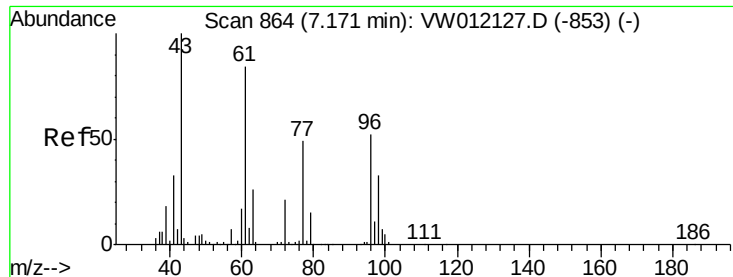
Ion Ratio Lower Upper

63 100

98 5.7 3.0 9.2

100 3.4 2.0 6.0





#25

2-Butanone

Concen: 94.523 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 43 Resp: 103534

Ion Ratio Lower Upper

43 100

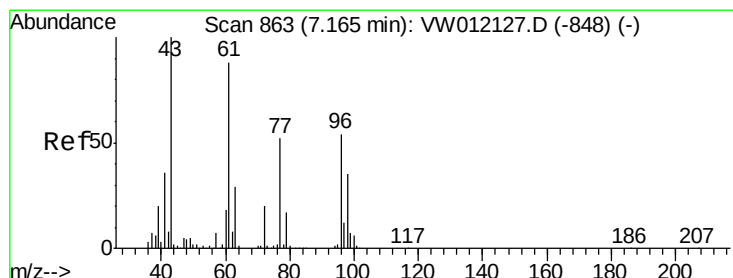
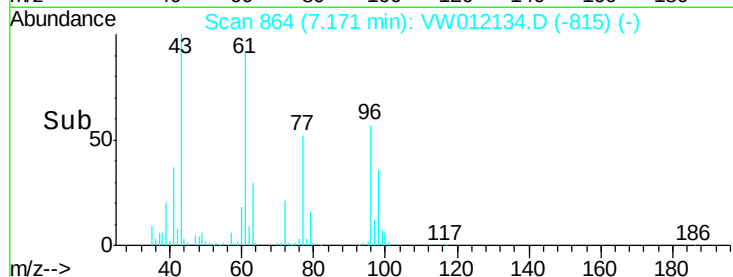
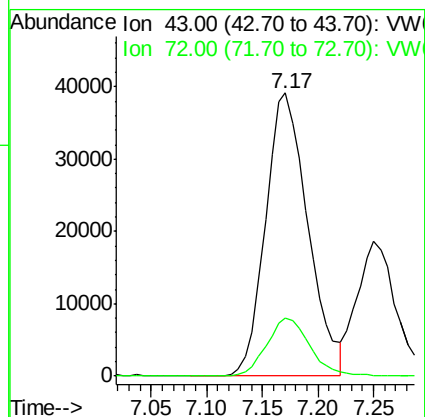
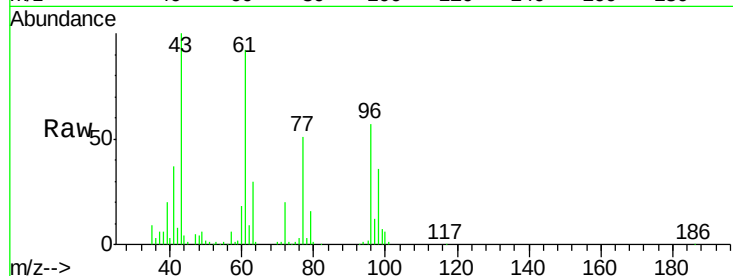
72 20.5 16.6 24.8

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#26

2,2-Dichloropropane

Concen: 19.262 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012134.D

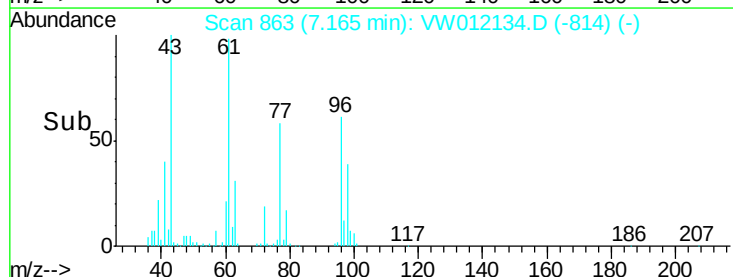
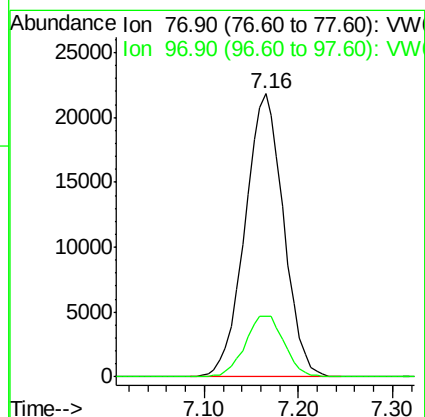
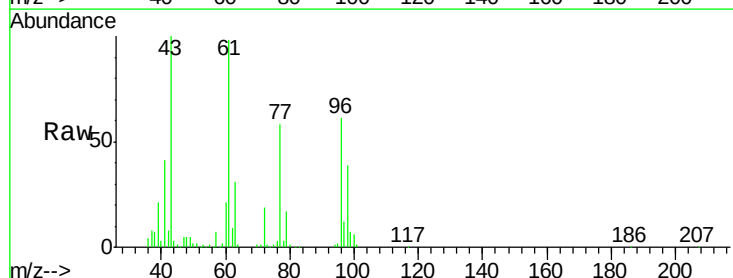
Acq: 23 Aug 2019 15:56

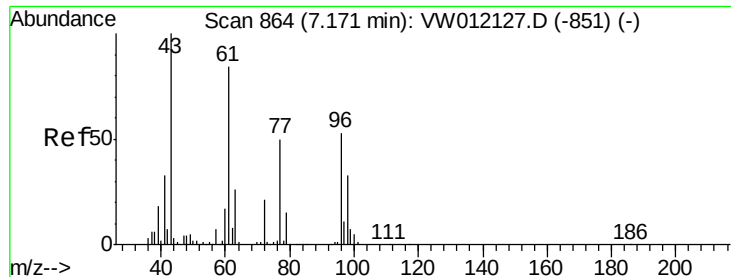
Tgt Ion: 77 Resp: 62588

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.1





#27

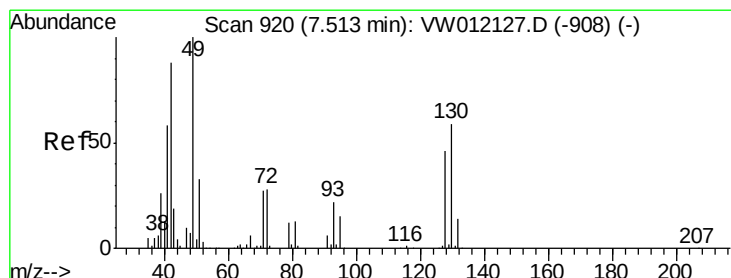
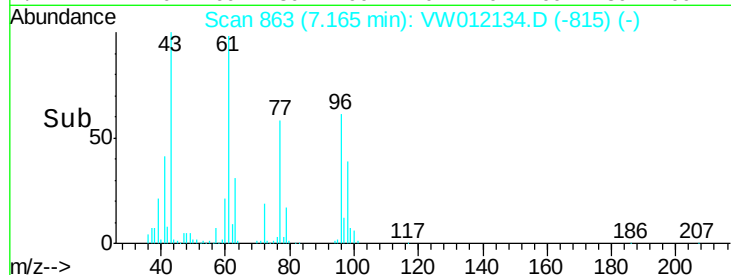
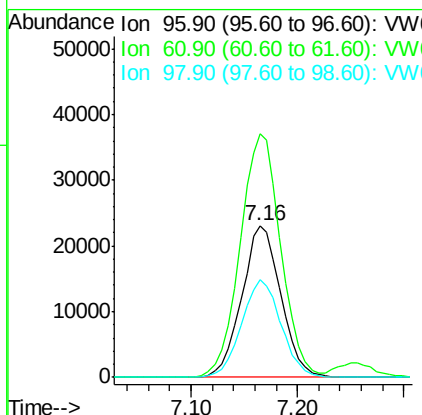
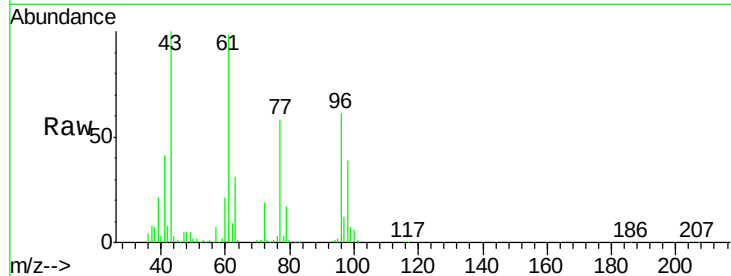
cis-1,2-Dichloroethene
 Concen: 19.499 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	165.8	0.0	326.6
98	65.2	0.0	127.4

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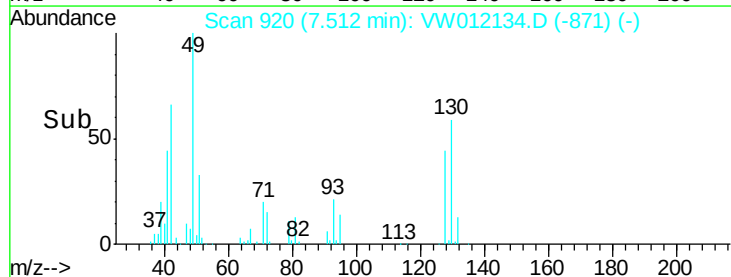
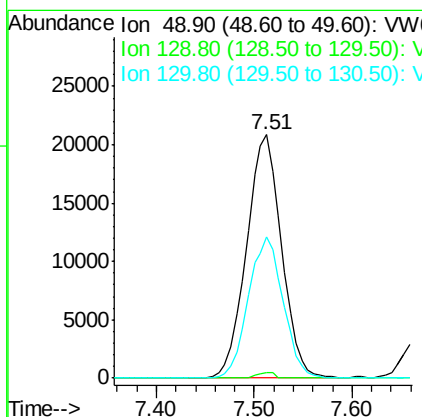
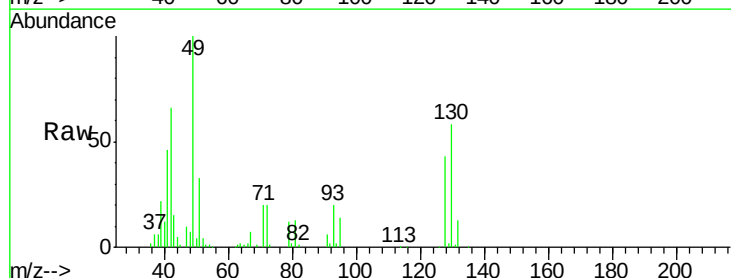
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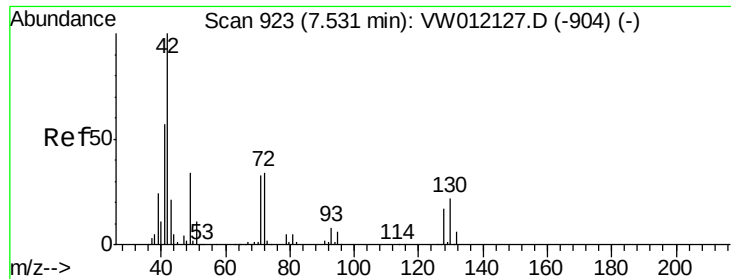


#28

Bromochloromethane
 Concen: 20.735 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	1.4
130	57.3	45.5	68.3





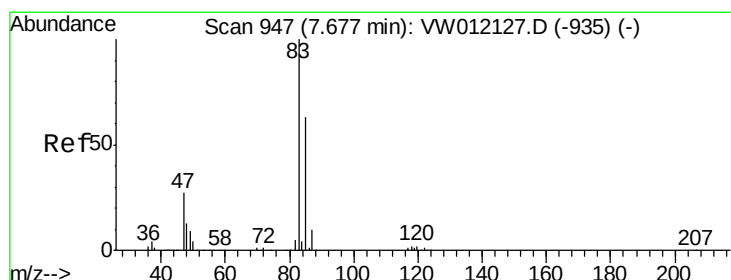
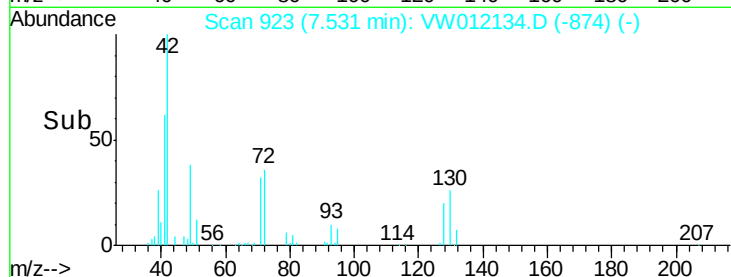
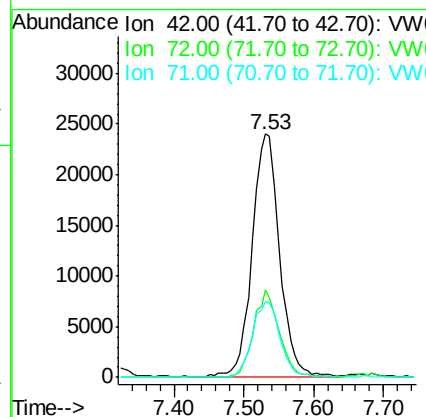
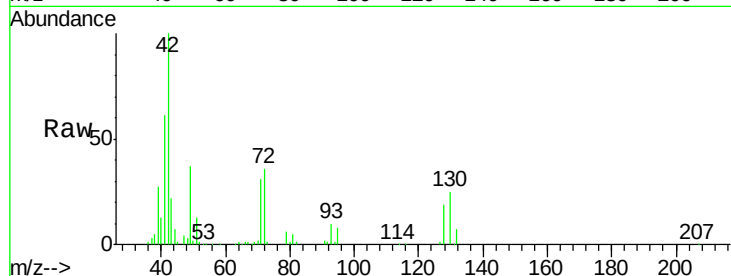
#29
Tetrahydrofuran
Concen: 99.232 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	33.7	27.3	40.9
71	31.5	25.5	38.3

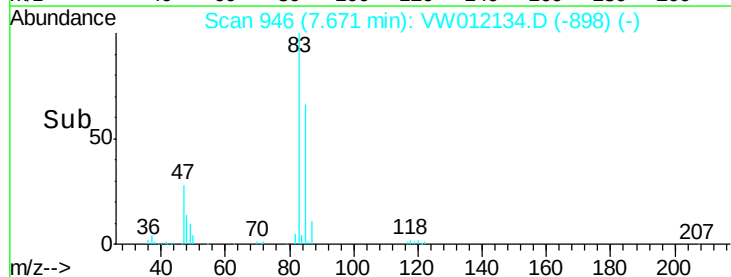
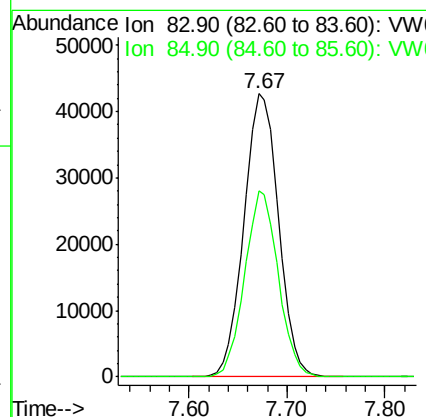
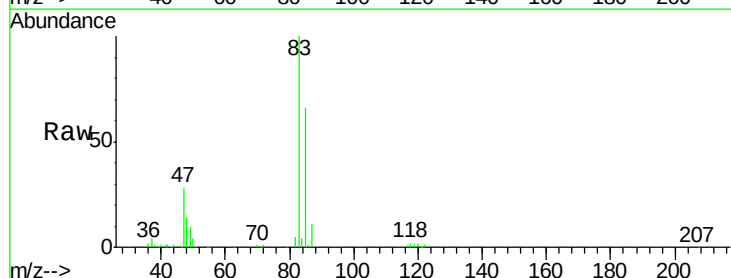
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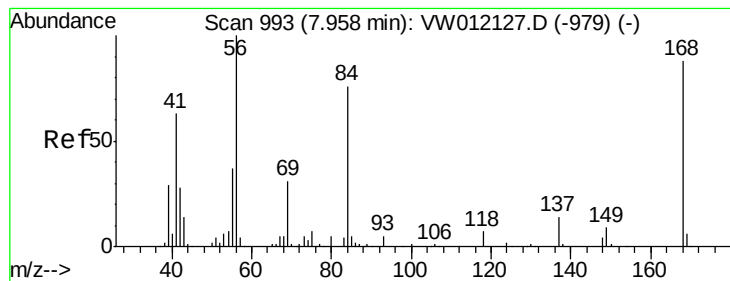
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#30
Chloroform
Concen: 19.956 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	50.6	76.0





#31

Cyclohexane

Concen: 18.314 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

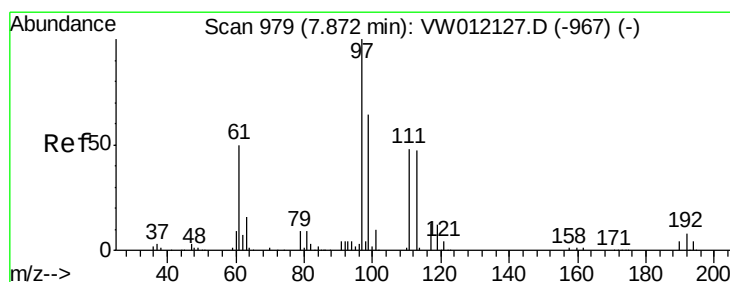
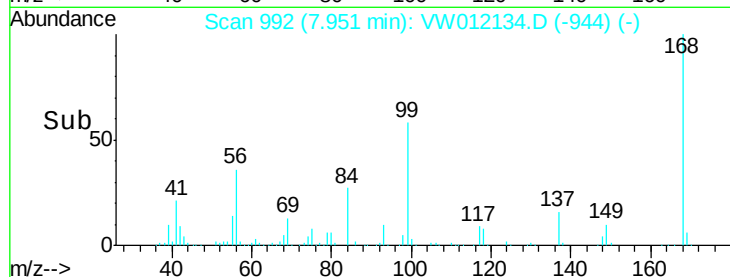
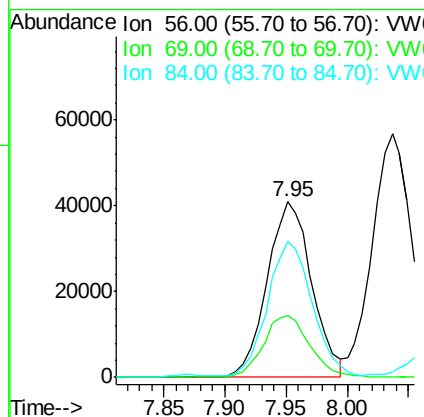
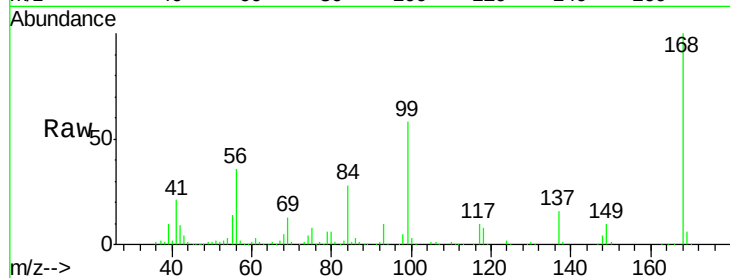
ClientSampleId :

VW0823SBS01

Tot Ion:	56	Resp:	104018
Ion Ratio	Lower	Upper	
56	100		
69	35.3	24.9	37.3
84	76.4	60.6	90.8

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#32

1,1,1-Trichloroethane

Concen: 19.549 ug/l

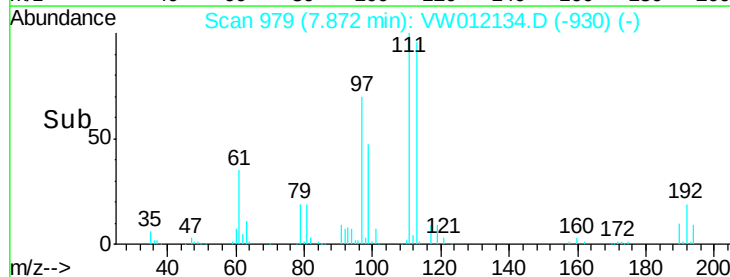
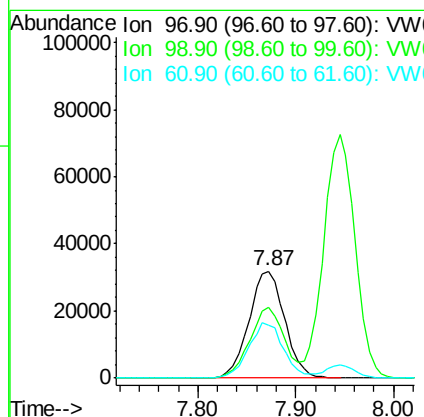
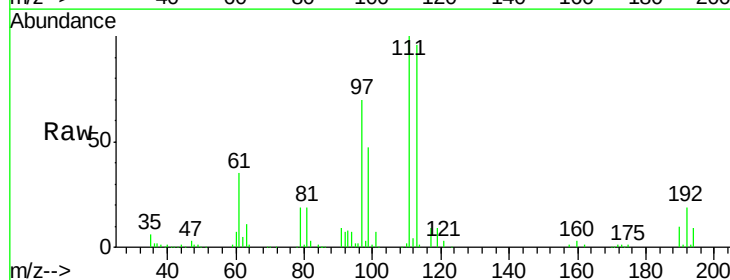
RT: 7.87 min Scan# 979

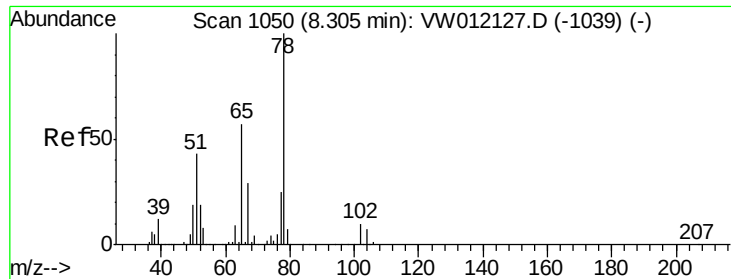
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	97	Resp:	81223
Ion Ratio	Lower	Upper	
97	100		
99	63.4	51.4	77.0
61	50.2	39.5	59.3





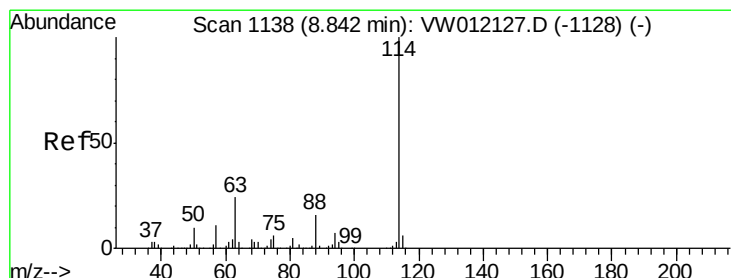
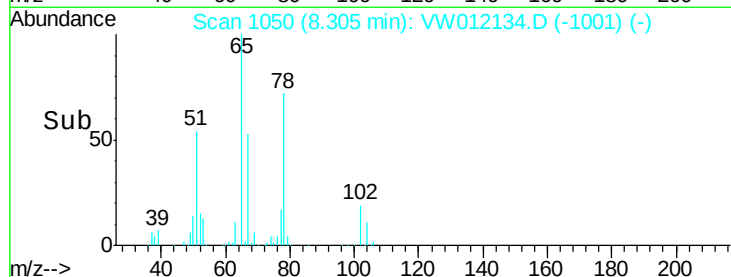
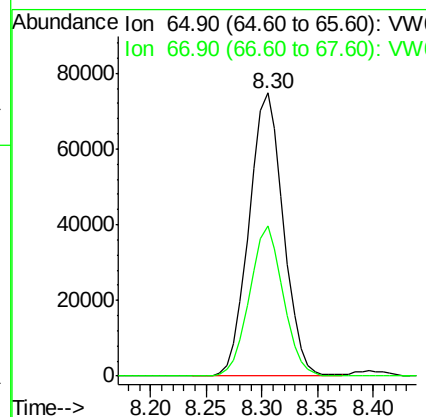
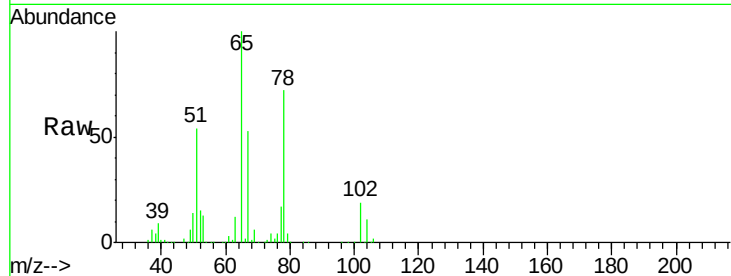
#33
 1,2-Dichloroethane-d4
 Concen: 50.985 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	160771		
67	51.9	0.0	102.6	

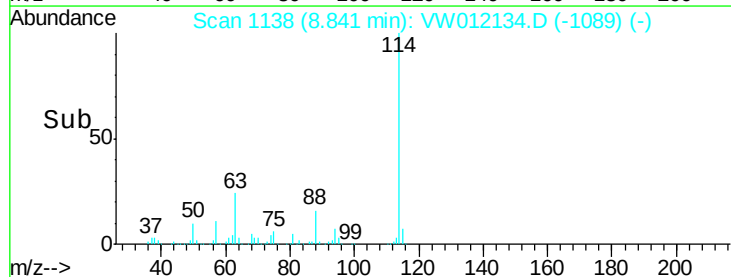
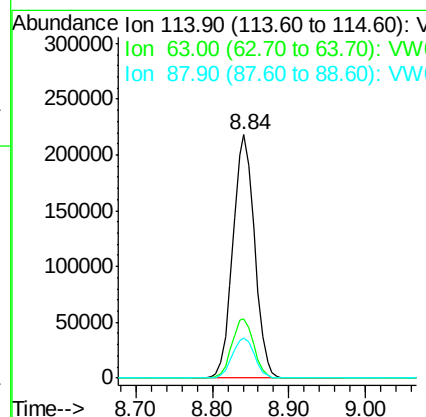
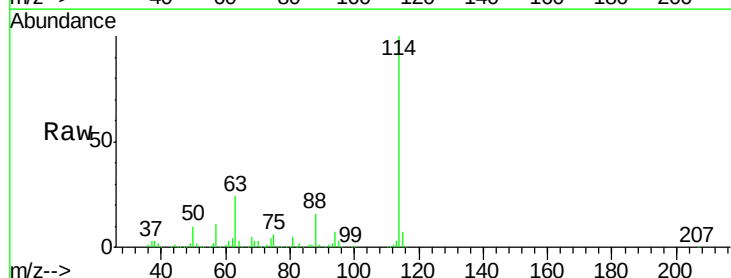
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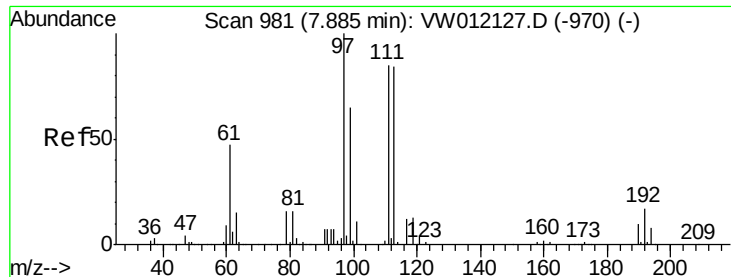
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	426621		
63	24.4	0.0	48.6	
88	16.5	0.0	32.2	





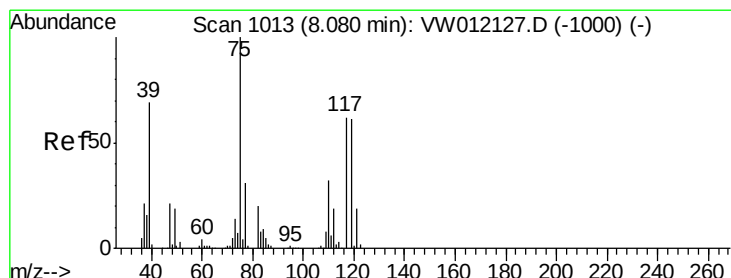
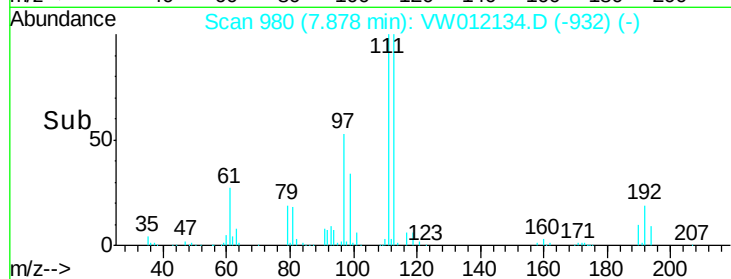
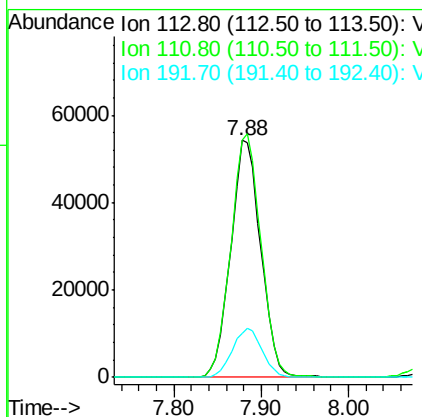
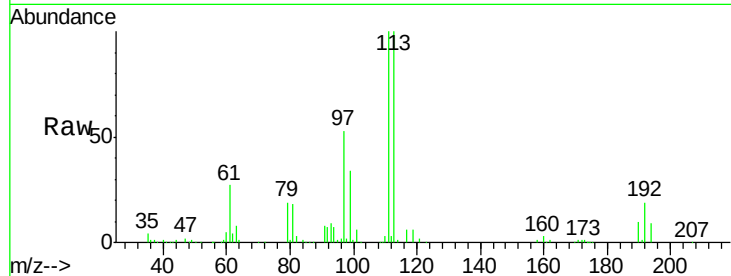
#35
 Dibromofluoromethane
 Concen: 50.842 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129469		
111	102.9	82.7	124.1	
192	20.4	16.2	24.2	

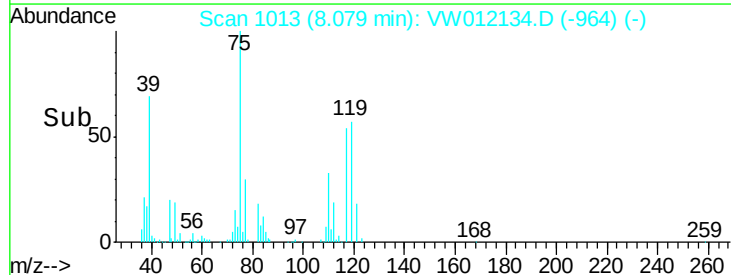
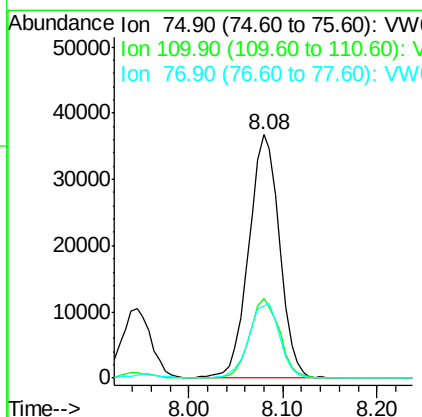
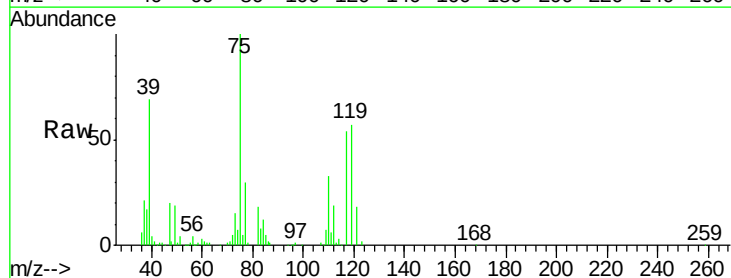
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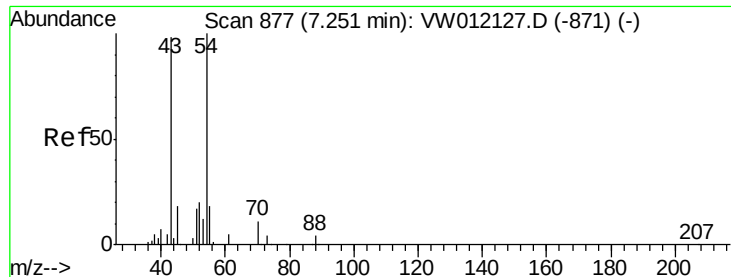
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#36
 1,1-Dichloropropene
 Concen: 19.008 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	83800		
110	31.8	15.6	46.8	
77	31.0	24.6	36.8	





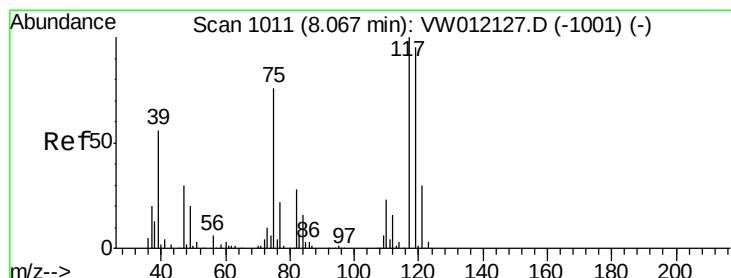
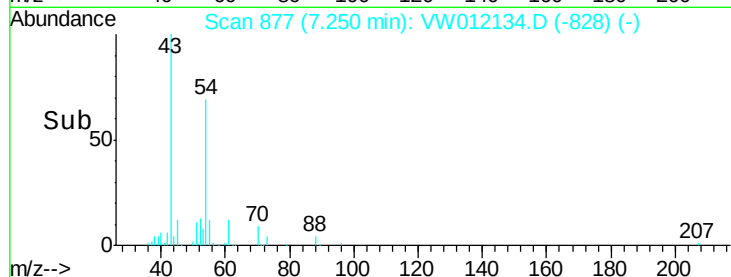
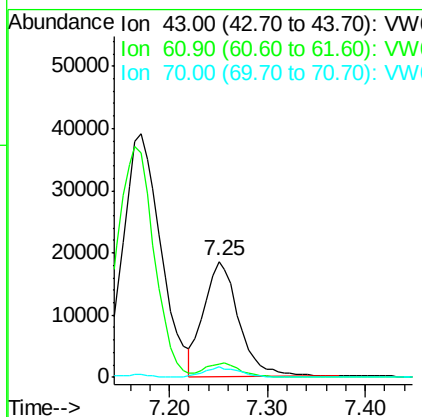
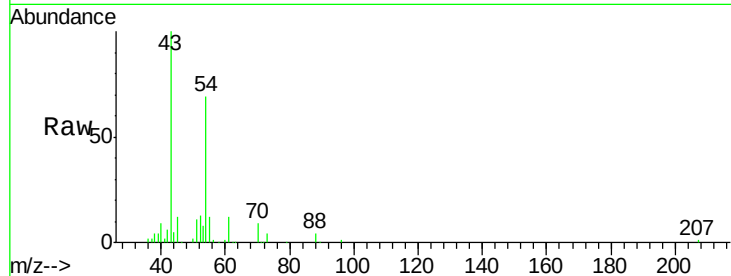
#37
Ethyl Acetate
Concen: 19.107 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampled :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.2	13.8
70	9.2	6.9	10.3

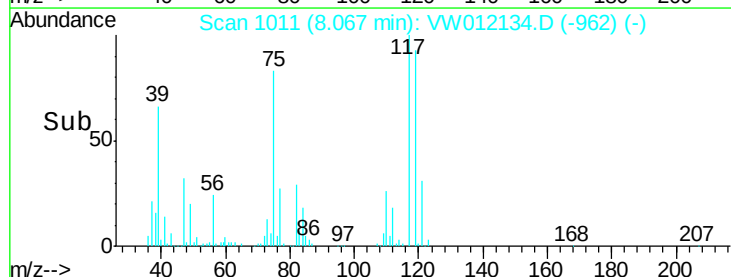
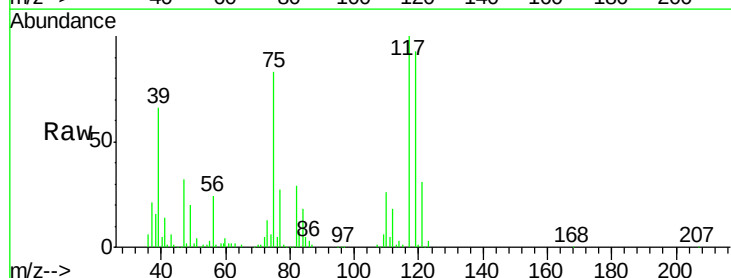
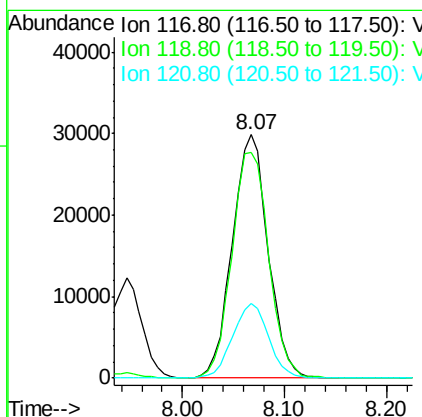
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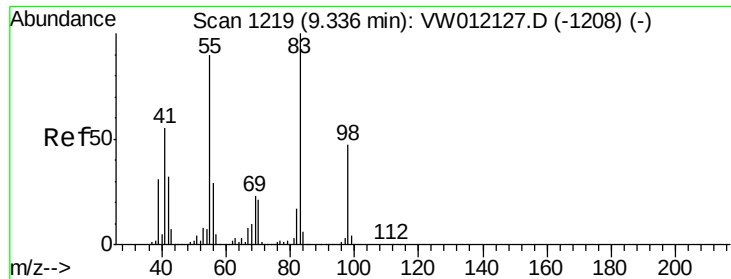
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#38
Carbon Tetrachloride
Concen: 19.019 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.2	114.2
121	30.8	23.8	35.8





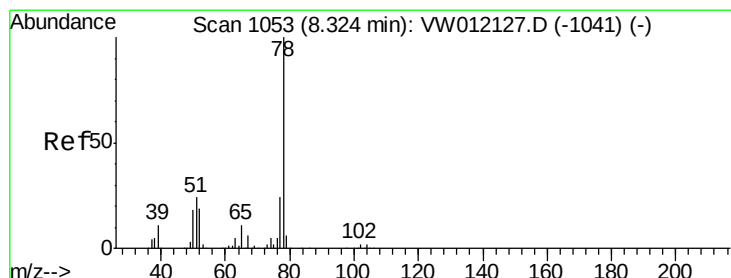
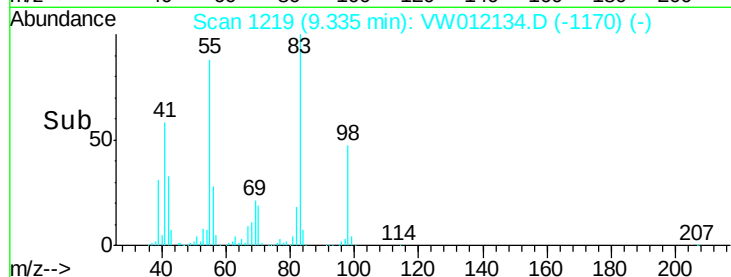
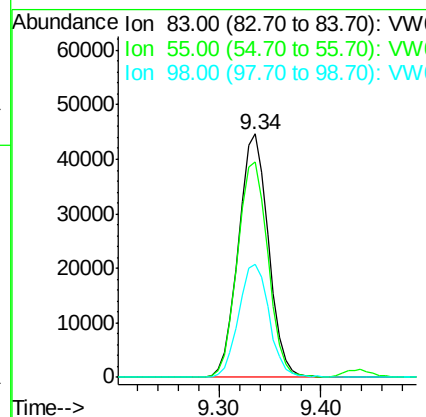
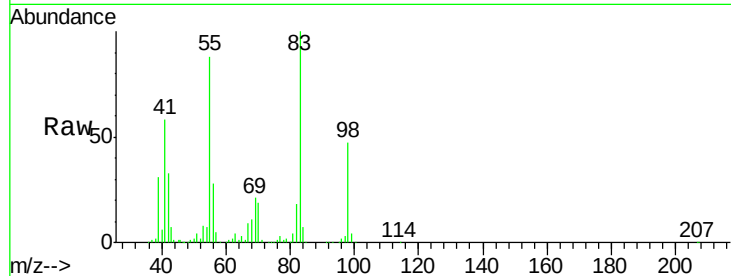
#39
Methylvlcyclohexane
Concen: 18.367 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.3	71.8	107.8
98	46.6	37.8	56.8

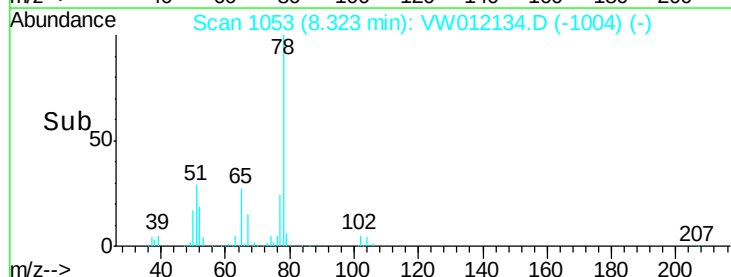
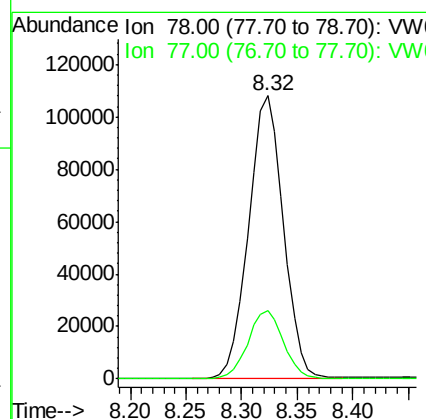
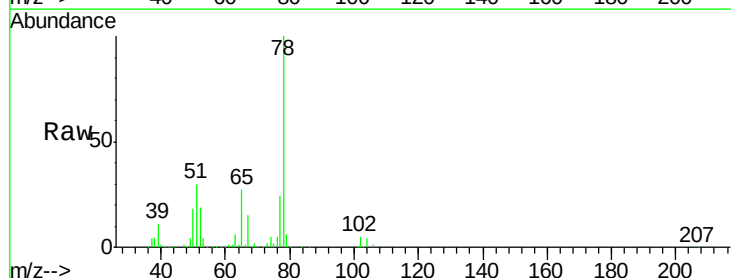
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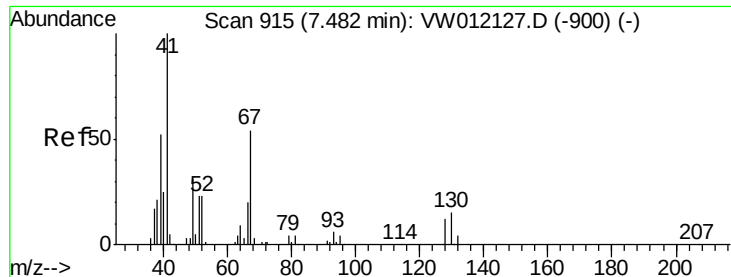
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#40
Benzene
Concen: 19.568 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.5	29.3





#41

Methacrylonitrile

Concen: 20.876 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 41 Resp: 29642

Ion Ratio Lower Upper

41 100

39 48.4 45.8 68.8

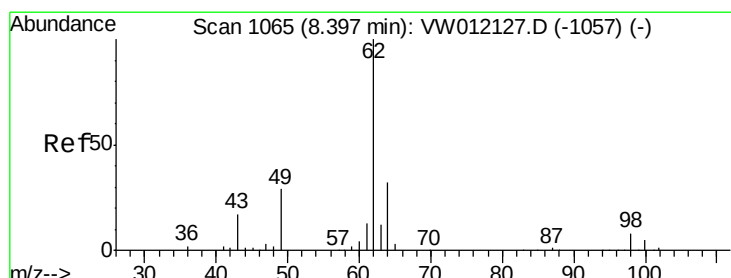
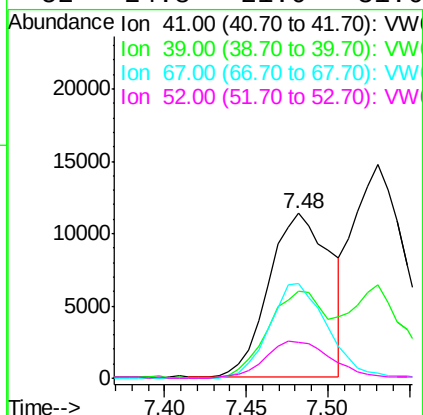
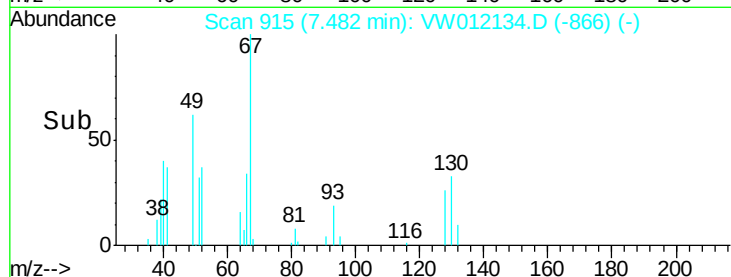
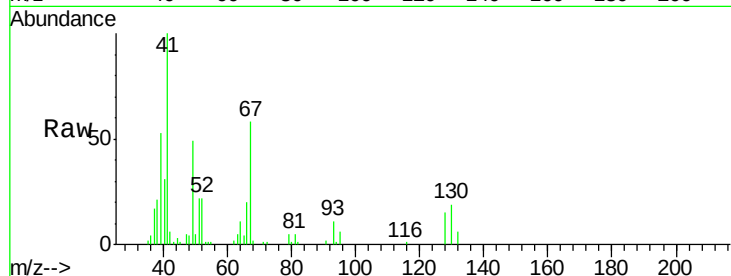
67 55.2 46.2 69.4

52 24.8 21.0 31.6

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#42

1,2-Dichloroethane

Concen: 19.780 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

Lab File: VW012134.D

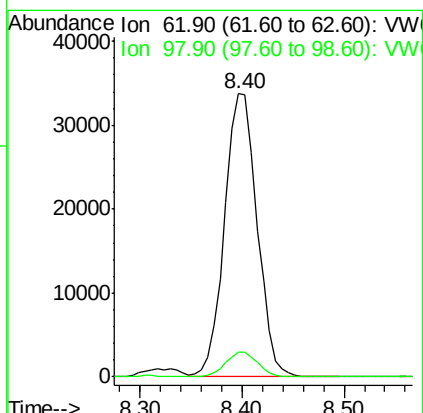
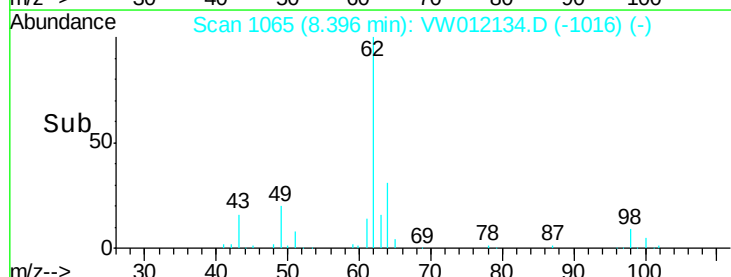
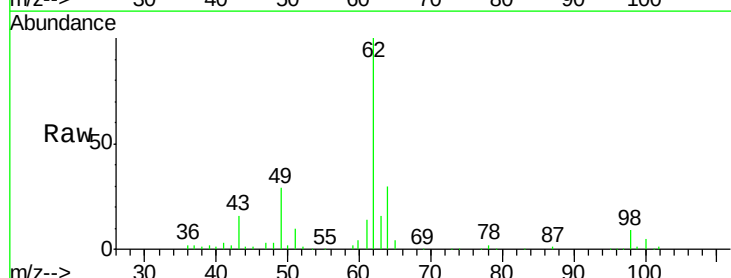
Acq: 23 Aug 2019 15:56

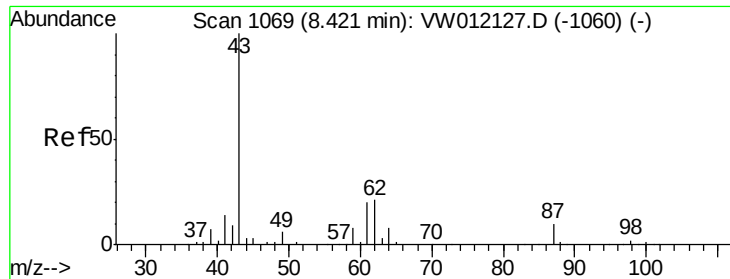
Tgt Ion: 62 Resp: 74628

Ion Ratio Lower Upper

62 100

98 8.6 0.0 16.6





#43

Isopropyl Acetate

Concen: 19.206 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

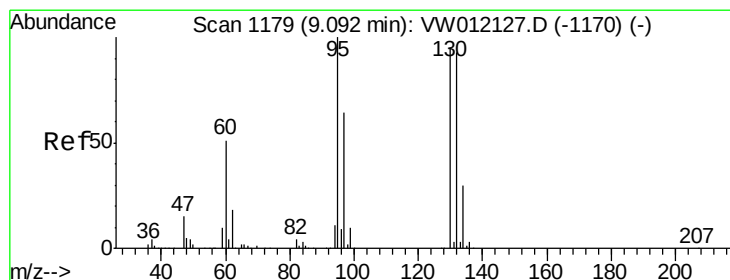
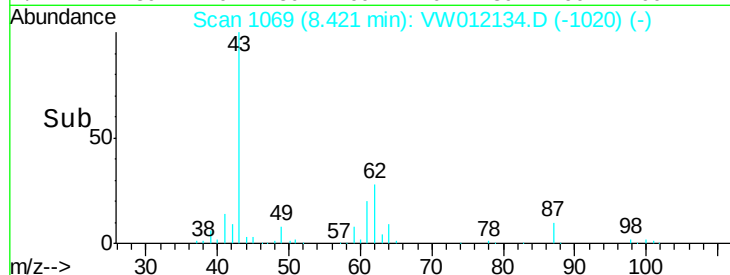
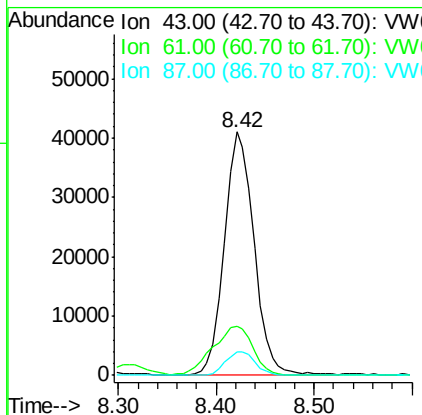
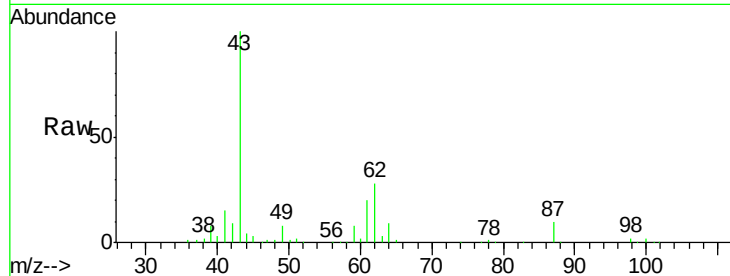
ClientSampleId :

VW0823SBS01

Tot Ion:	43	Resp:	85948
Ion	Ratio	Lower	Upper
43	100		
61	26.7	21.1	31.7
87	9.9	8.2	12.2

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#44

Trichloroethene

Concen: 19.640 ug/l

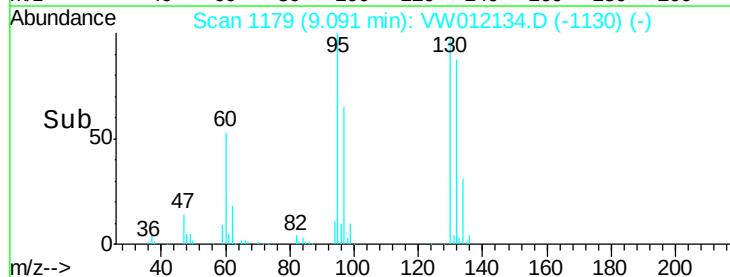
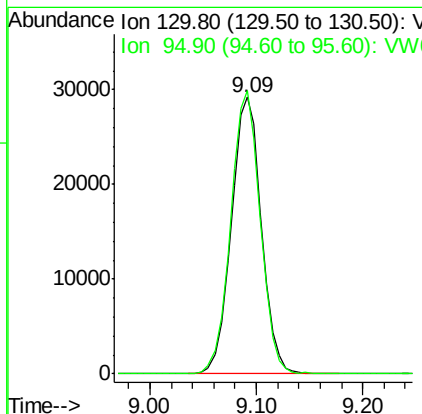
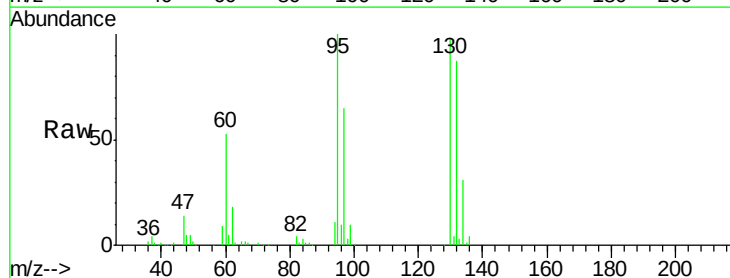
RT: 9.09 min Scan# 1179

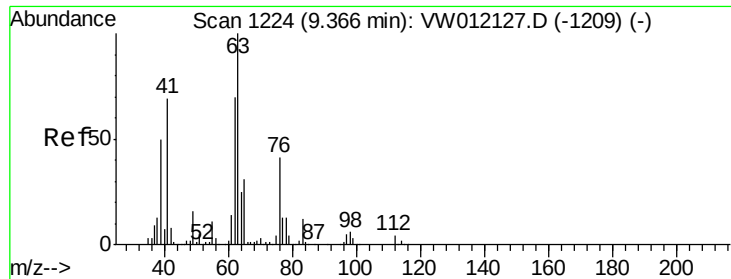
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	130	Resp:	57476
Ion	Ratio	Lower	Upper
130	100		
95	102.3	0.0	210.6





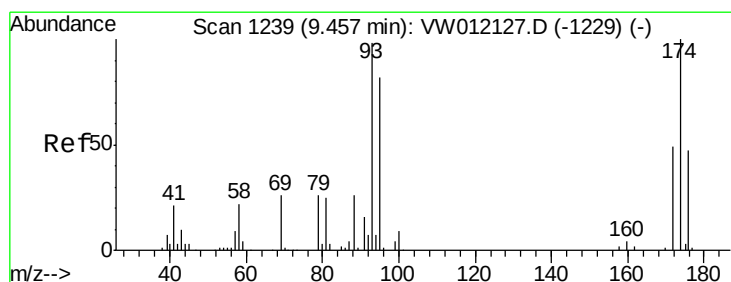
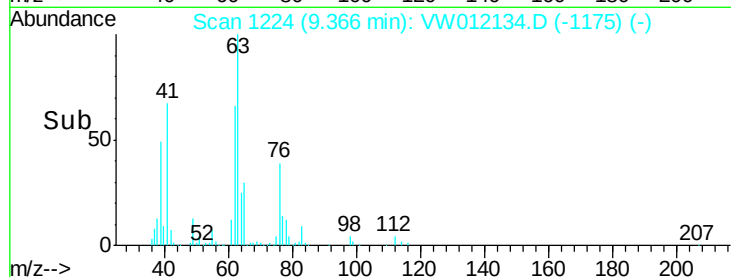
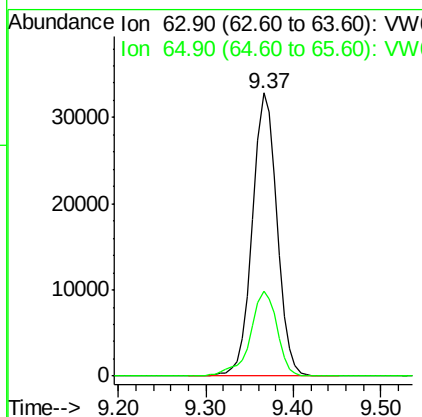
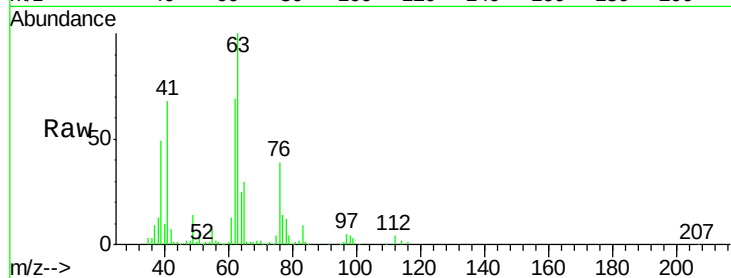
#45
 1,2-Dichloropropane
 Concen: 19.840 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion: 63 Resp: 64279
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4

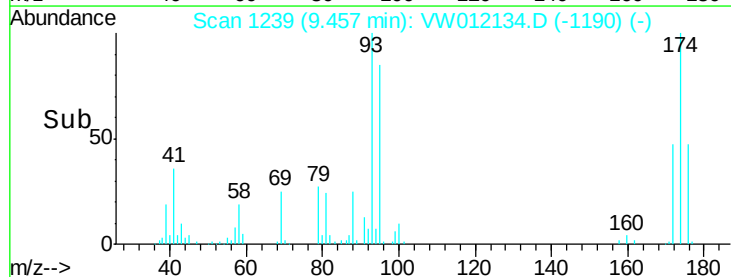
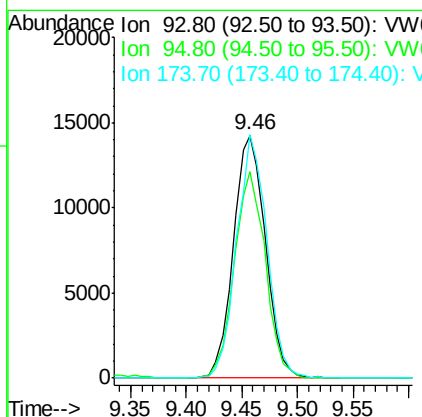
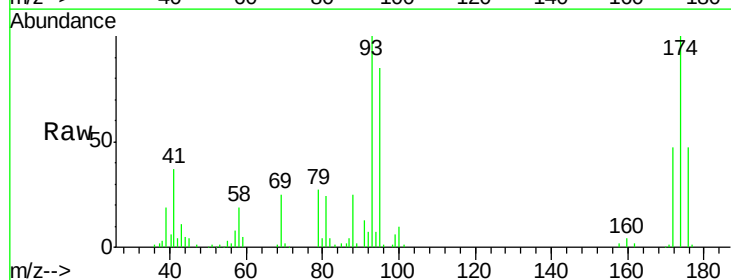
Manual Integrations
 APPROVED

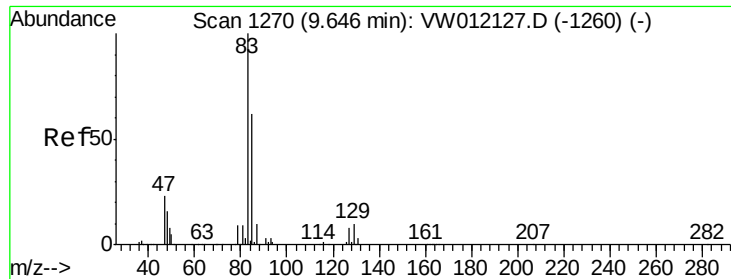
MMDadoda
 8/26/2019 11:38:41 AM



#46
 Dibromomethane
 Concen: 19.663 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion: 93 Resp: 28344
 Ion Ratio Lower Upper
 93 100
 95 82.6 67.2 100.8
 174 95.5 79.0 118.6





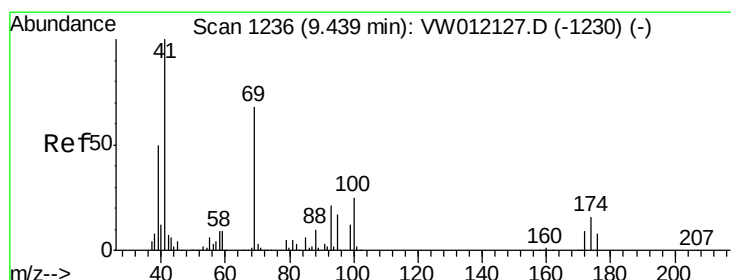
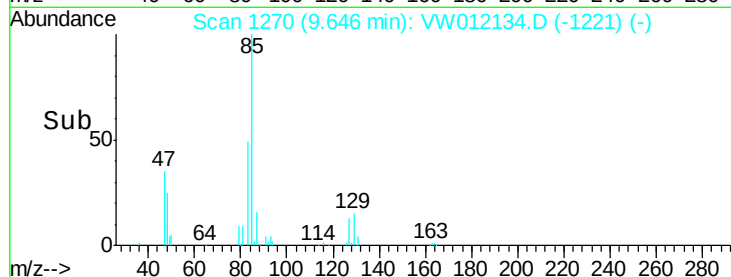
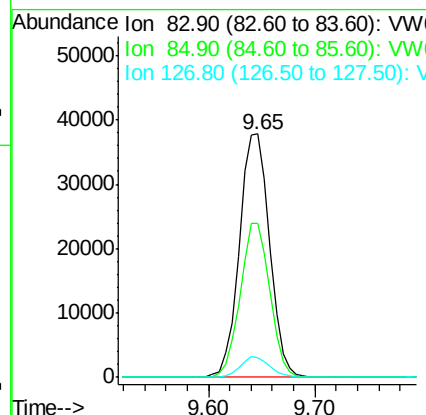
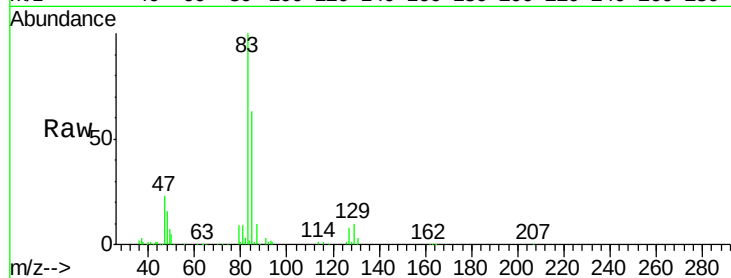
#47
Bromodichloromethane
Concen: 19.634 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	83	Resp	75324
Ion	Ratio	Lower	Upper
83	100		
85	63.5	49.4	74.2
127	8.2	6.1	9.1

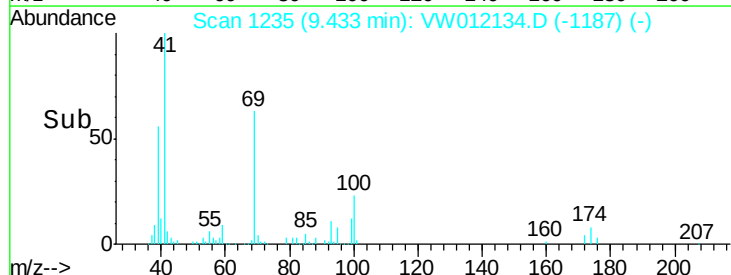
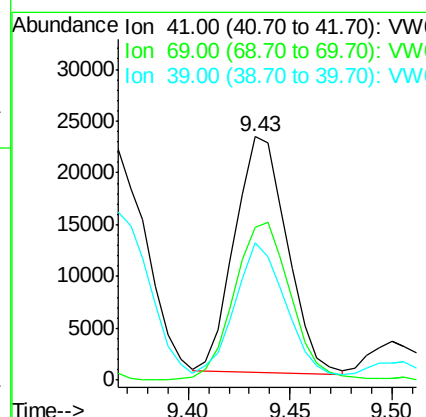
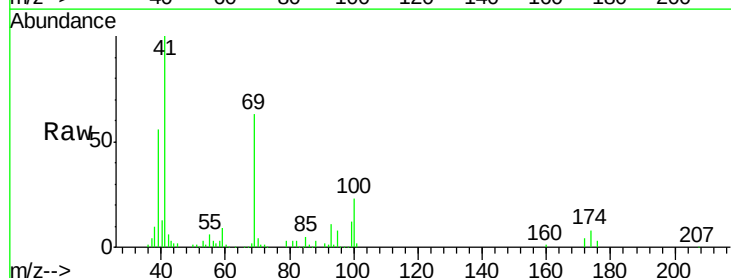
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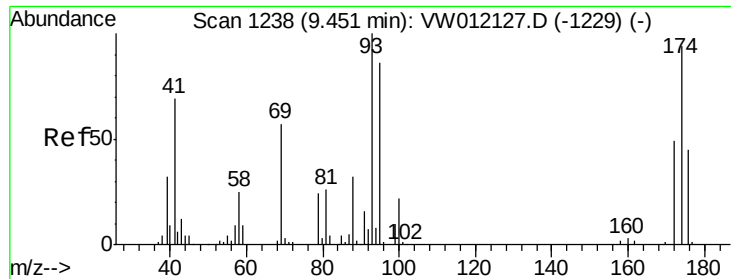
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#48
Methyl methacrylate
Concen: 19.084 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	41	Resp	40647
Ion	Ratio	Lower	Upper
41	100		
69	72.0	56.7	85.1
39	57.7	42.0	63.0





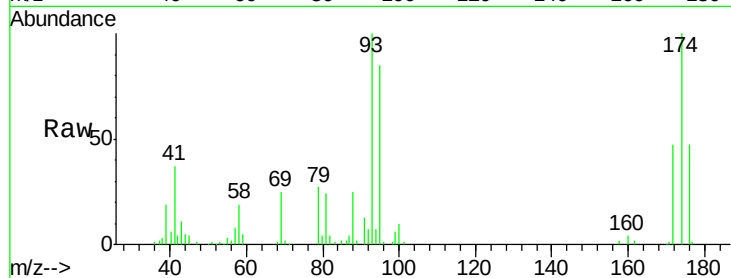
#49
 1,4-Dioxane
 Concen: 384.139 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.01 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

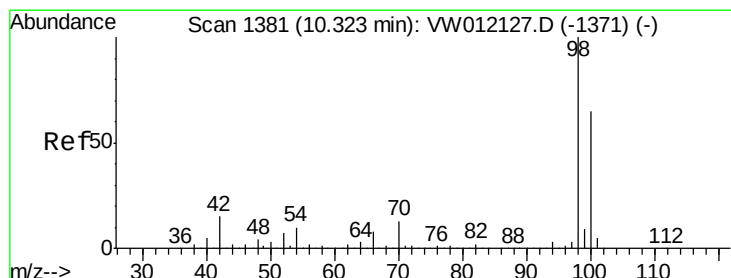
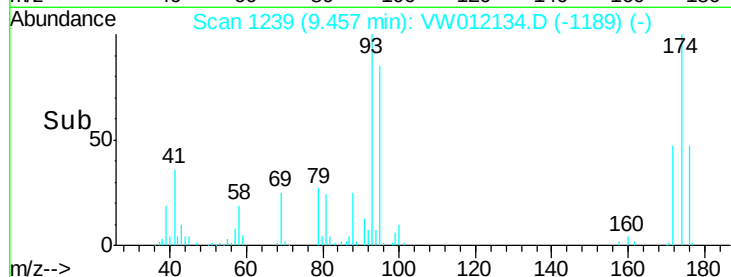
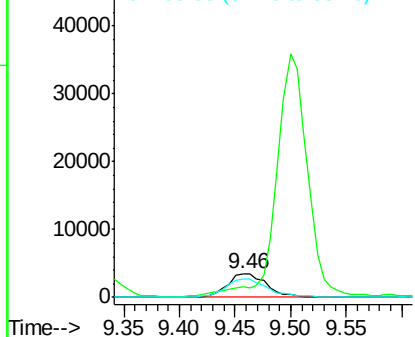
Tot Ion	88	Resp	8477
Ion	Ratio	Lower	Upper
88	100		
43	0.0	32.9	49.3#
58	86.4	71.0	106.4

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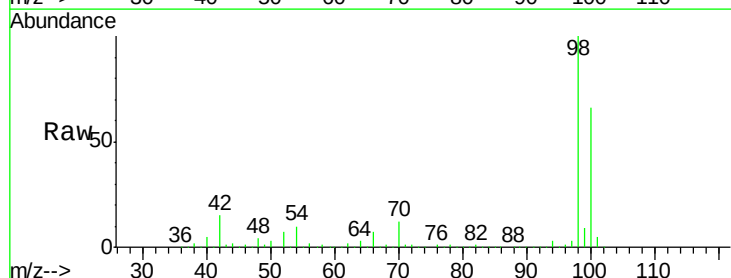


Abundance Ion 88.00 (87.70 to 88.70): VW
 Ion 43.00 (42.70 to 43.70): VW
 Ion 58.00 (57.70 to 58.70): VW

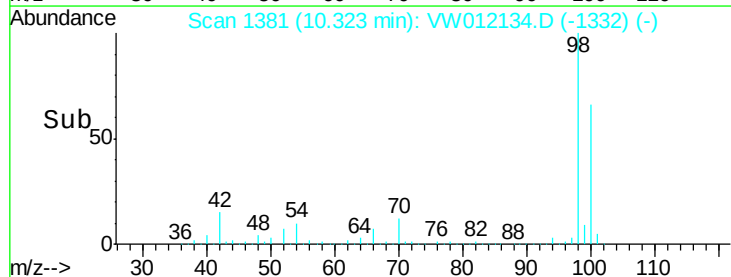
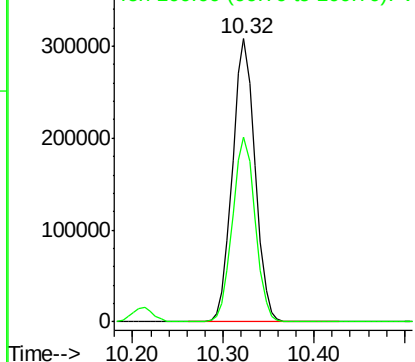


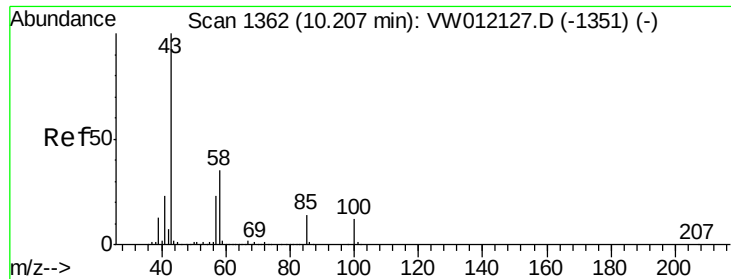
#50
 Toluene-d8
 Concen: 51.484 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	98	Resp	531587
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.4	78.6



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





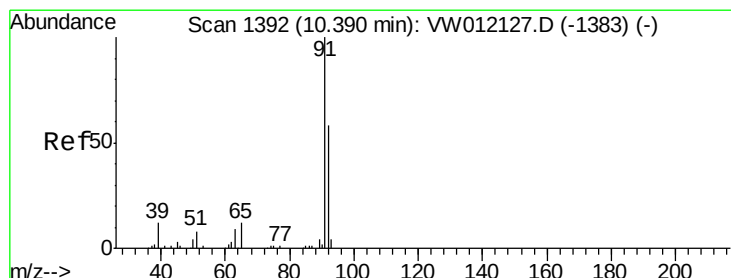
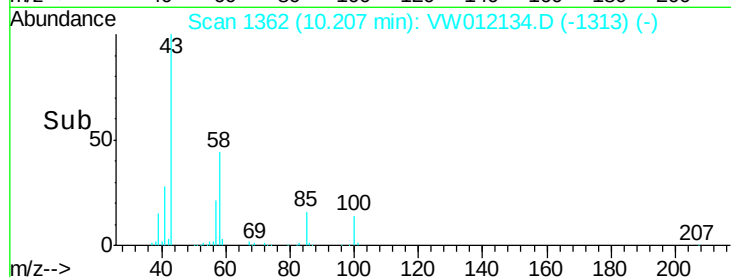
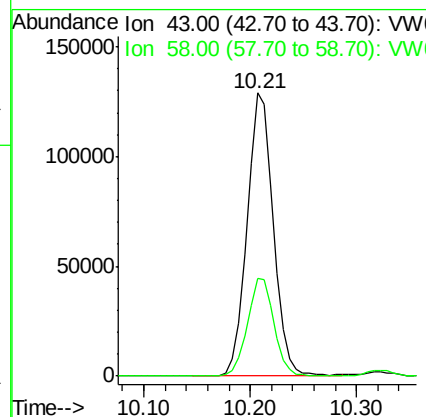
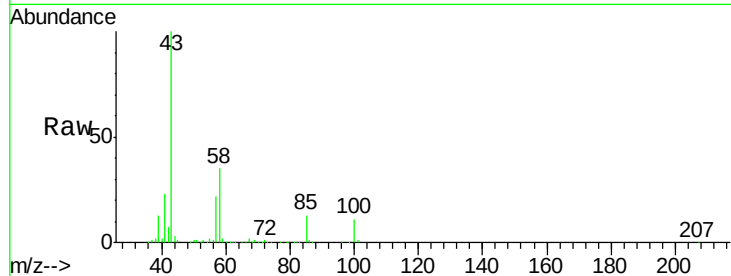
#51
4-Methyl-2-Pentanone
Concen: 98.139 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampled :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	35.0	28.2	42.2

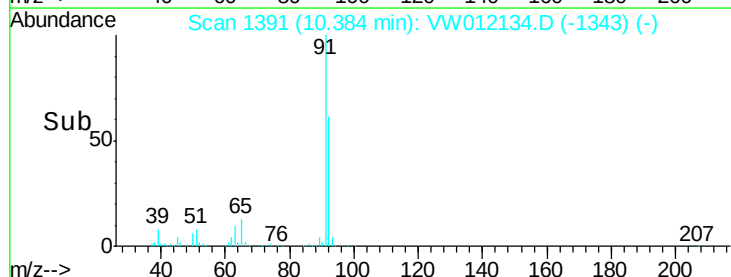
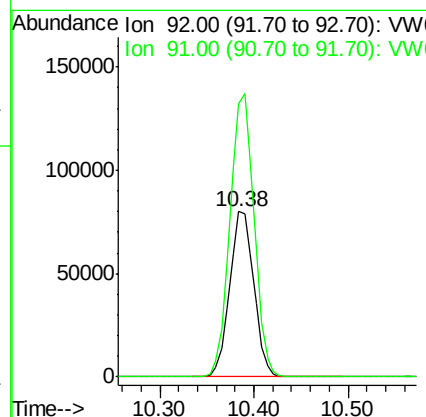
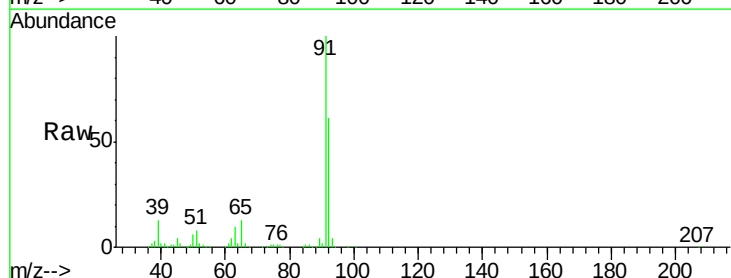
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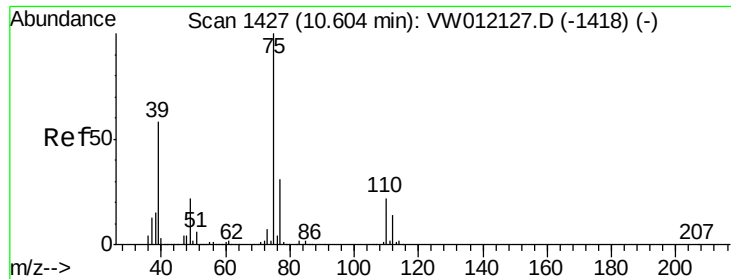
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#52
Toluene
Concen: 19.684 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
92	100		
91	171.3	136.6	204.8





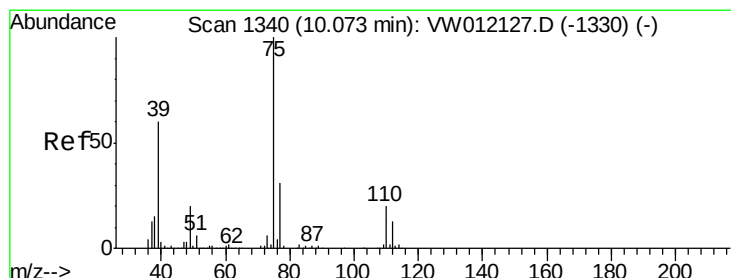
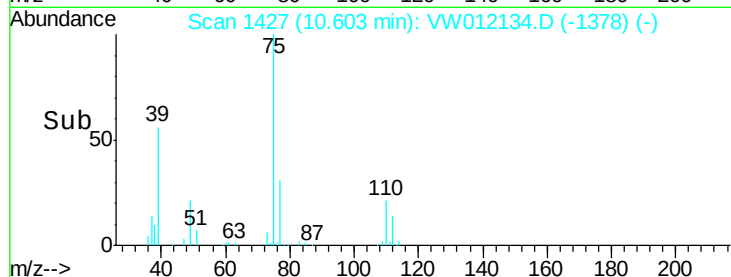
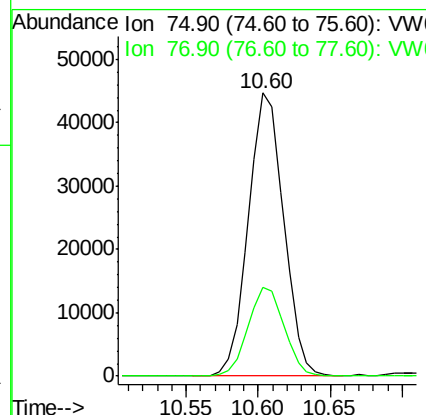
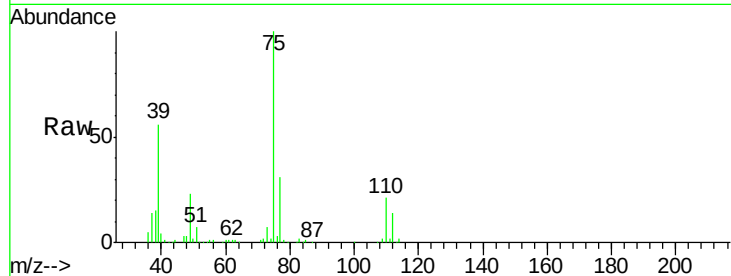
#53
t-1,3-Dichloropropene
Concen: 19.425 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	25.0	37.4

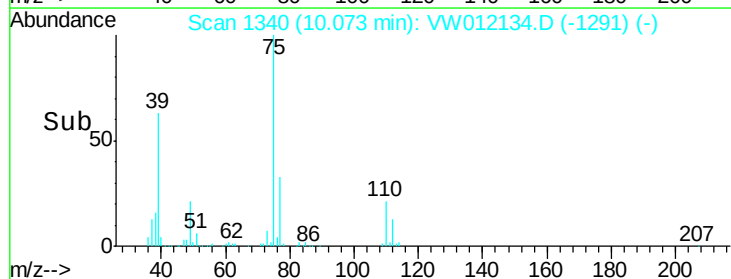
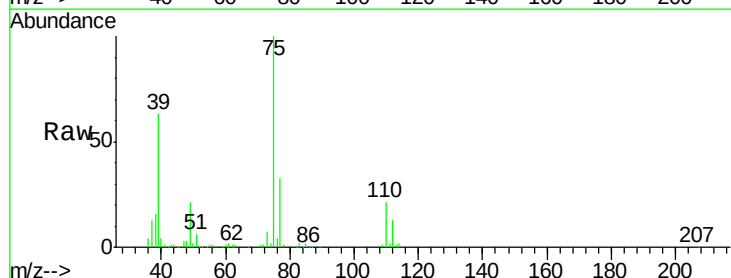
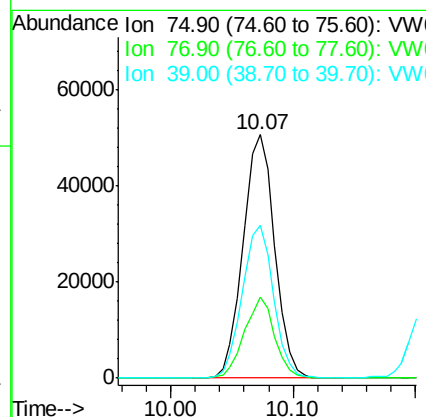
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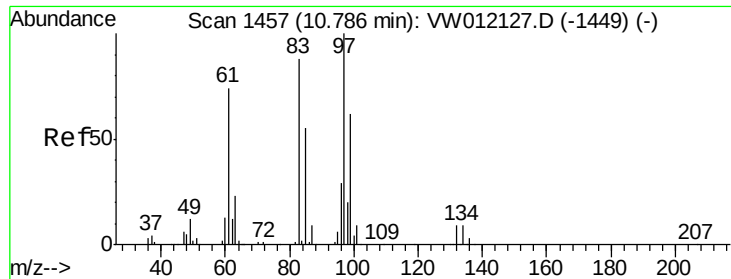
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#54
cis-1,3-Dichloropropene
Concen: 19.233 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.1	25.1	37.7
39	62.5	48.3	72.5





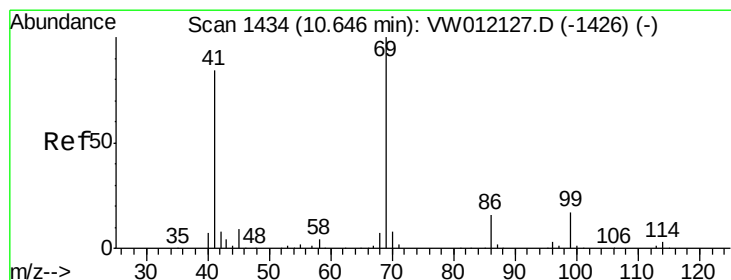
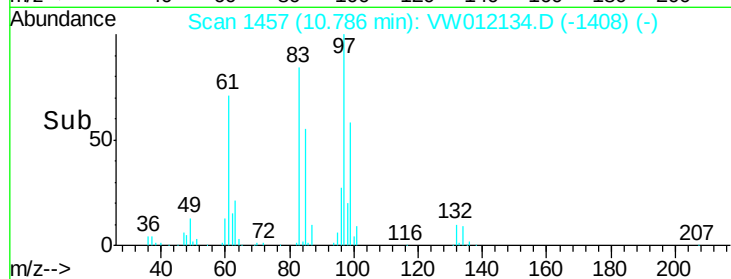
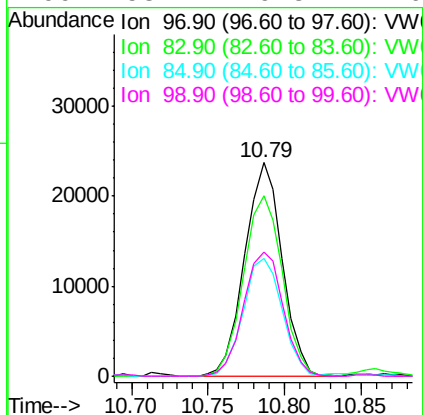
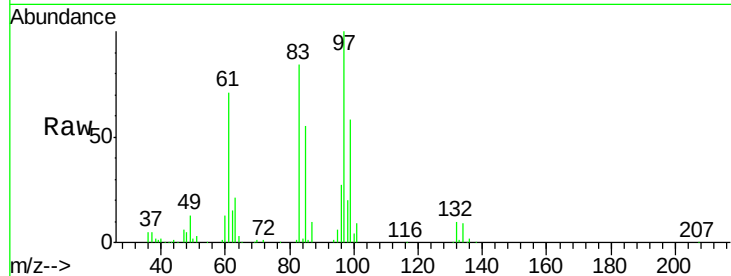
#55
 1,1,2-Trichloroethane
 Concen: 19.825 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion:	97	Resp:	40434
Ion	Ratio	Lower	Upper
97	100		
83	84.3	70.8	106.2
85	55.4	43.8	65.8
99	58.1	49.8	74.6

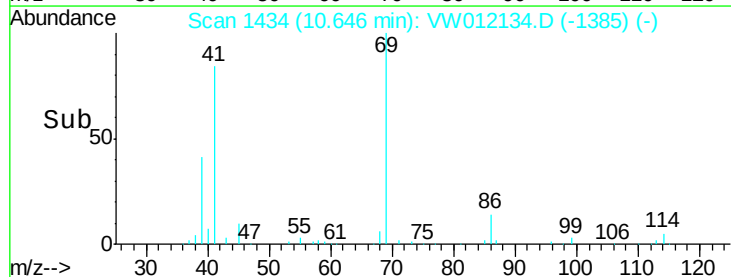
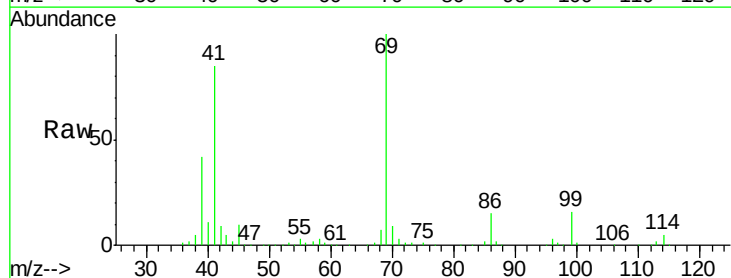
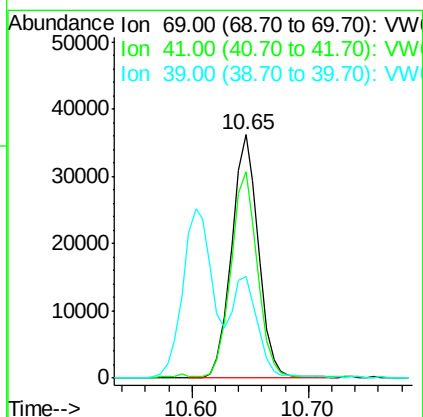
Manual Integrations
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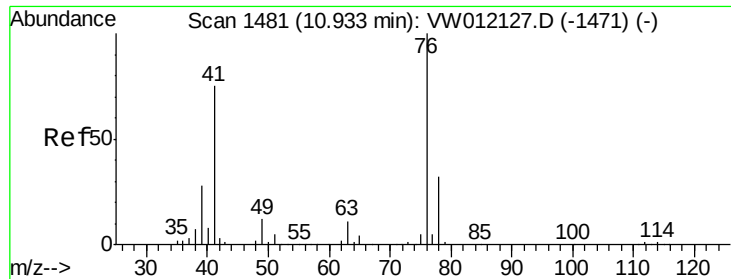
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 8/26/2019 11:38:41 AM



#56
 Ethyl methacrylate
 Concen: 19.619 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion:	69	Resp:	58235
Ion	Ratio	Lower	Upper
69	100		
41	82.2	66.5	99.7
39	39.0	31.0	46.4





#57

1,3-Dichloropropane

Concen: 19.663 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 76 Resp: 75786

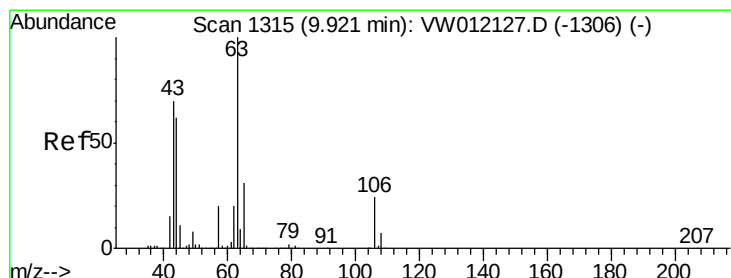
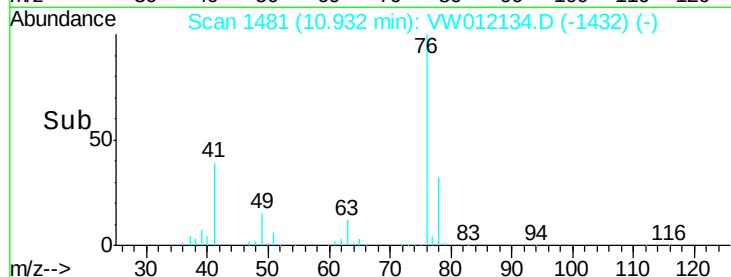
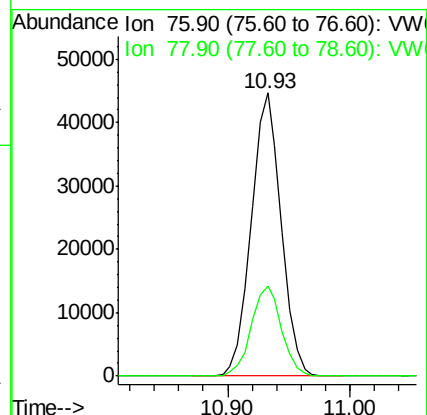
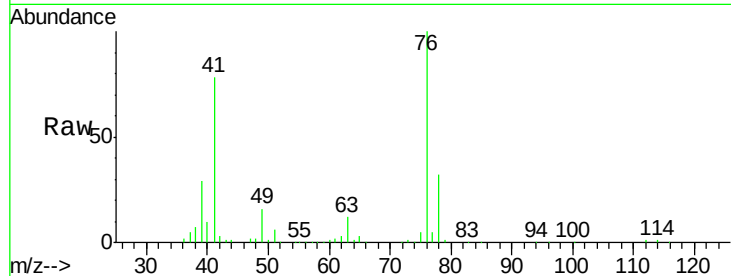
Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 96.821 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: VW012134.D

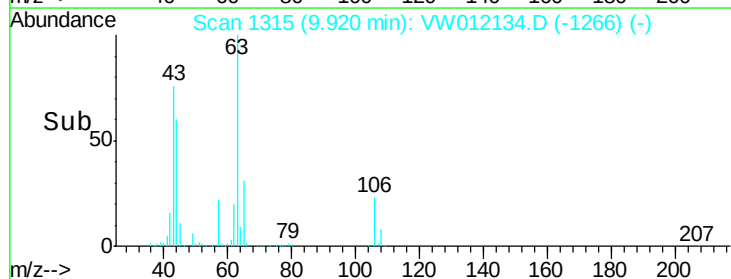
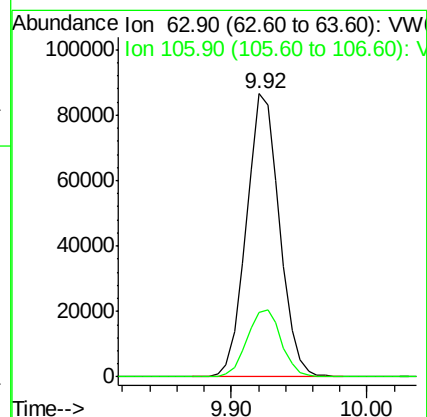
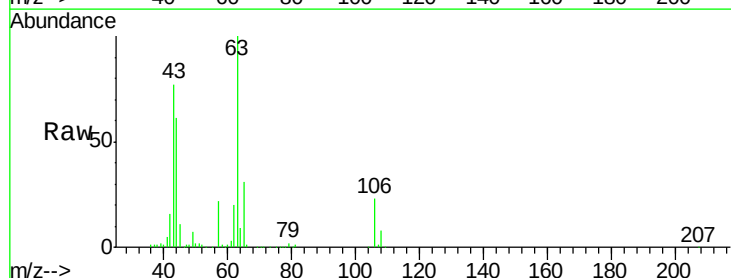
Acq: 23 Aug 2019 15:56

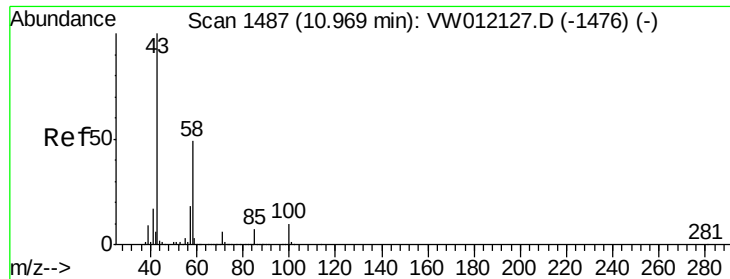
Tgt Ion: 63 Resp: 147499

Ion Ratio Lower Upper

63 100

106 24.4 19.8 29.8





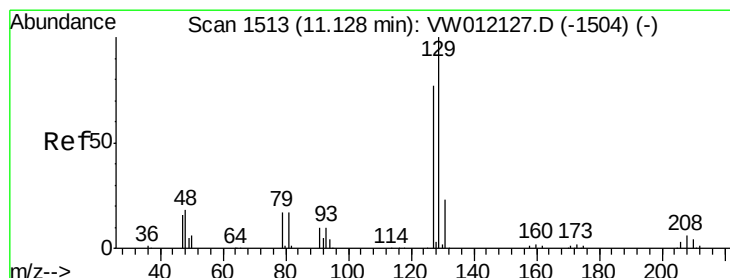
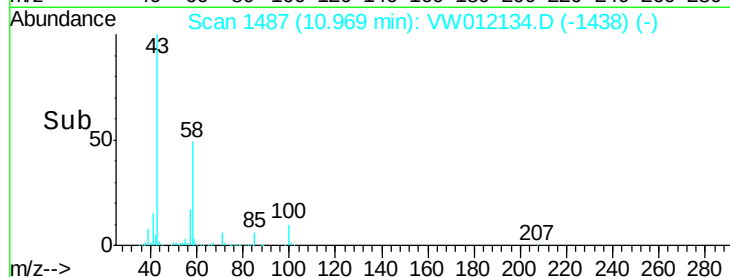
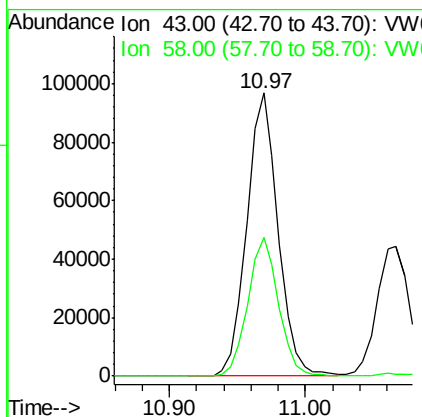
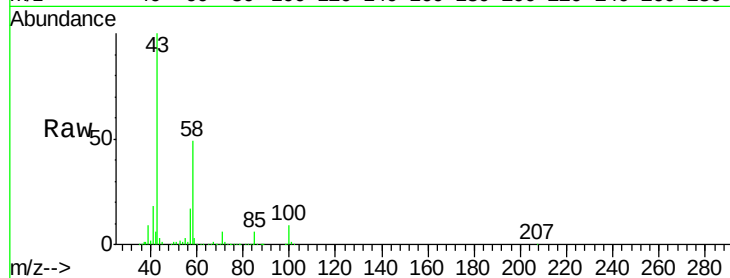
#59
2-Hexanone
Concen: 96.351 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion: 43 Resp: 155171
Ion Ratio Lower Upper
43 100
58 48.3 24.3 72.9

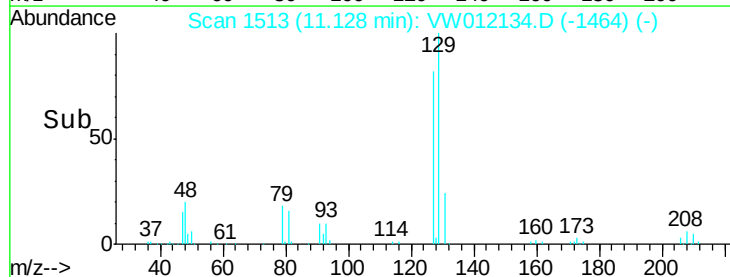
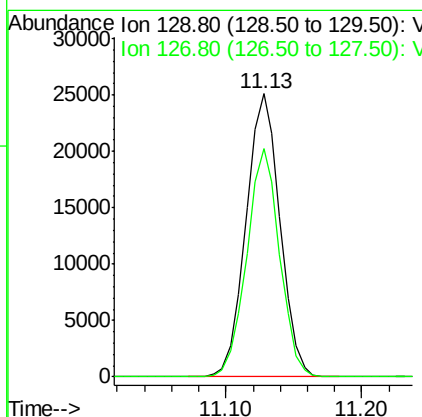
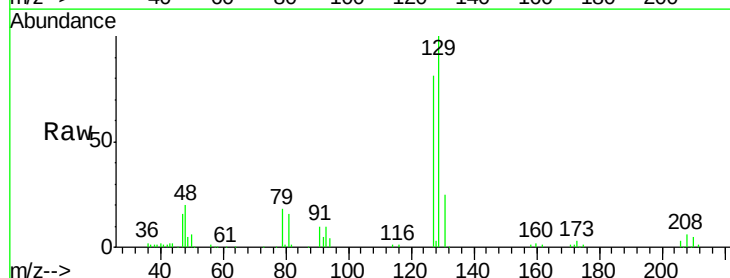
Manual Integrations
APPROVED

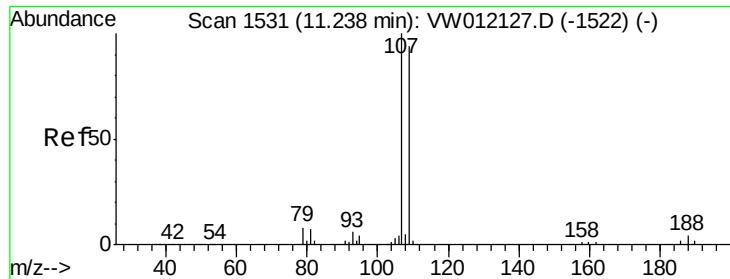
MMDadoda
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#60
Dibromochloromethane
Concen: 19.324 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion: 129 Resp: 43898
Ion Ratio Lower Upper
129 100
127 78.0 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.772 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 107 Resp: 37569

Ion Ratio Lower Upper

107 100

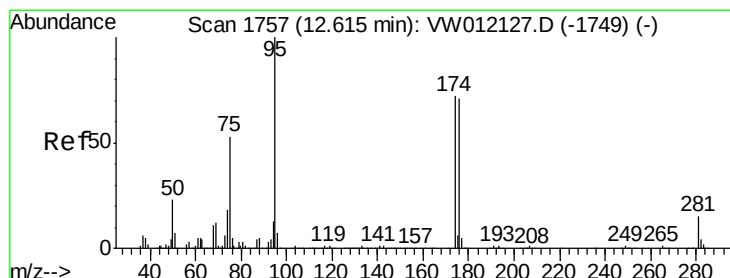
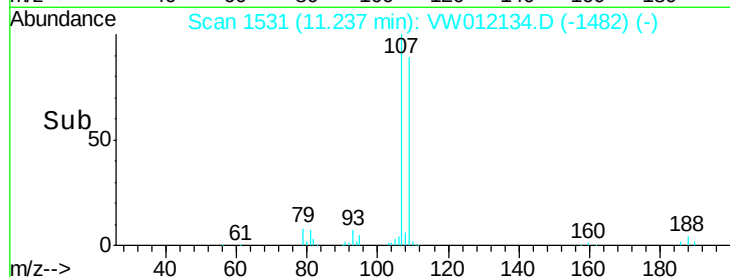
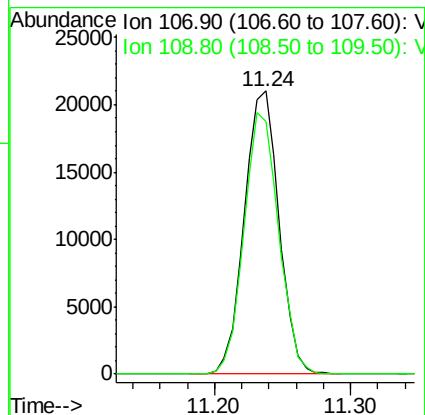
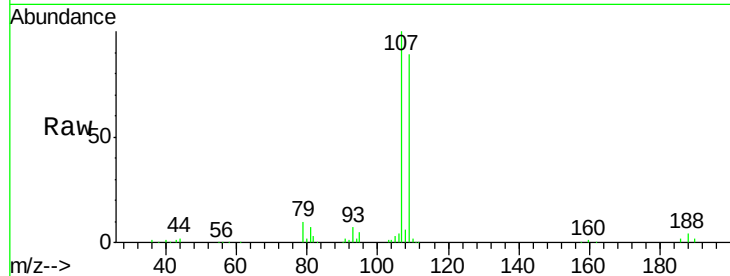
109 92.4 75.4 113.2

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#62

4-Bromofluorobenzene

Concen: 51.279 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

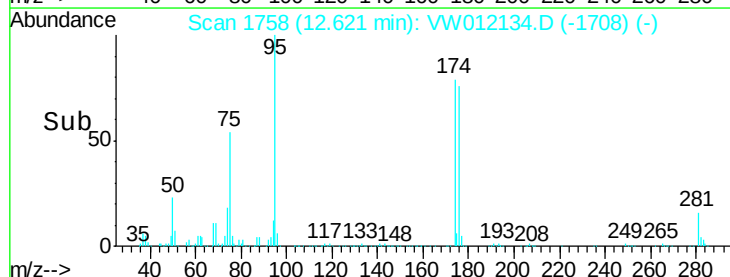
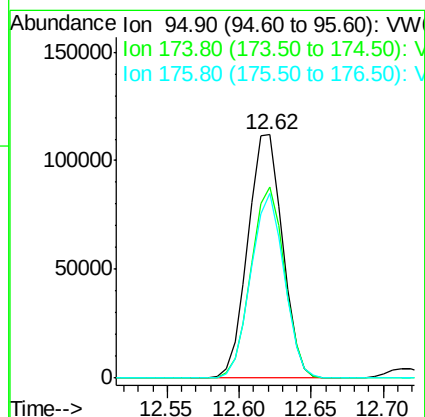
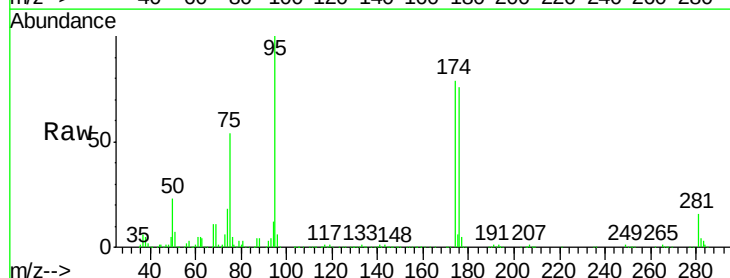
Tgt Ion: 95 Resp: 186640

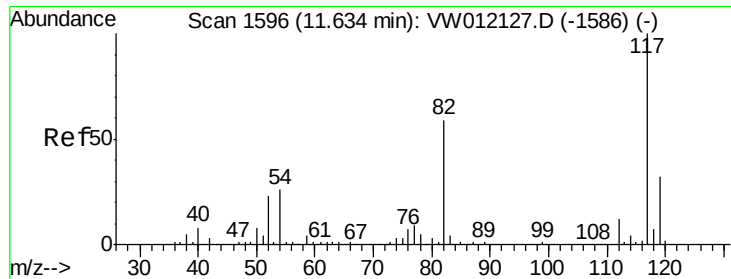
Ion Ratio Lower Upper

95 100

174 75.9 0.0 150.8

176 72.8 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

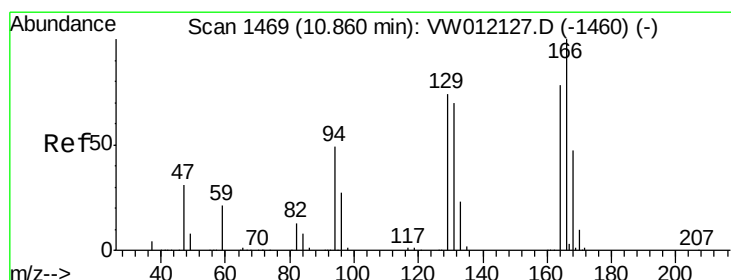
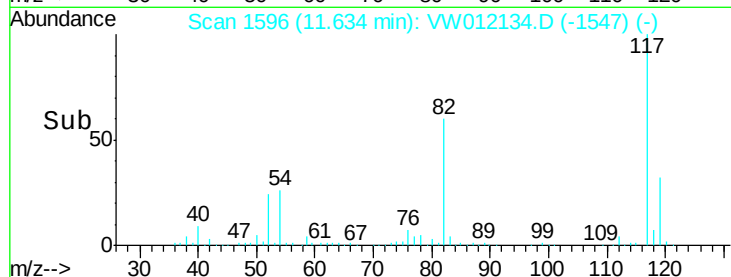
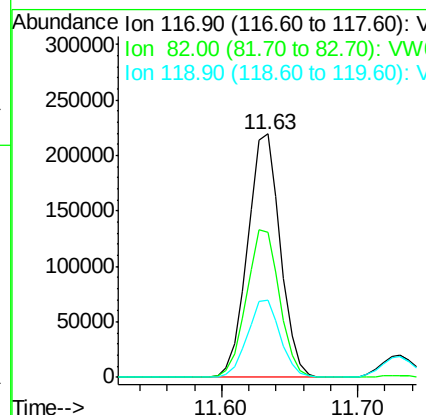
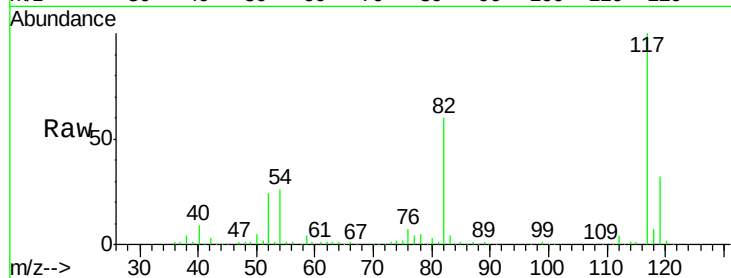
ClientSampleId :

VW0823SBS01

Tot Ion:	117	Resp:	369182
Ion Ratio	Lower	Upper	
117	100		
82	59.8	47.4	71.2
119	31.6	25.4	38.2

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#64

Tetrachloroethene

Concen: 19.341 ug/l

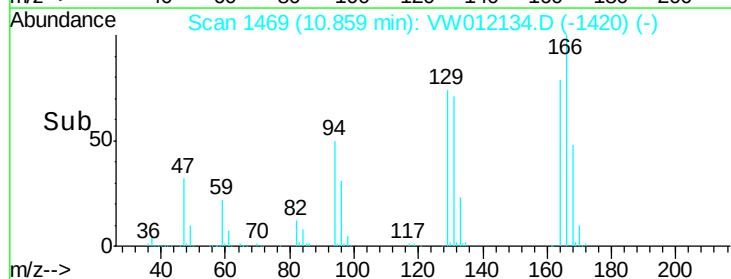
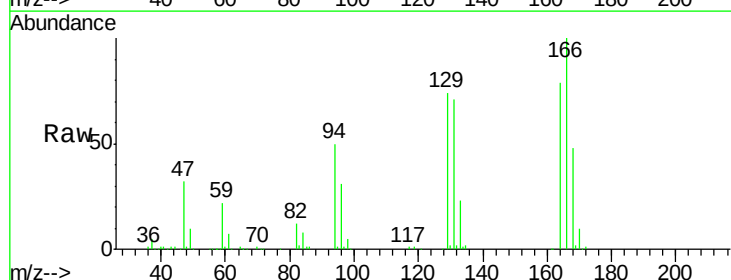
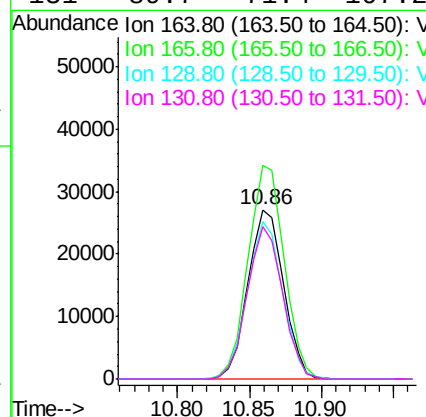
RT: 10.86 min Scan# 1469

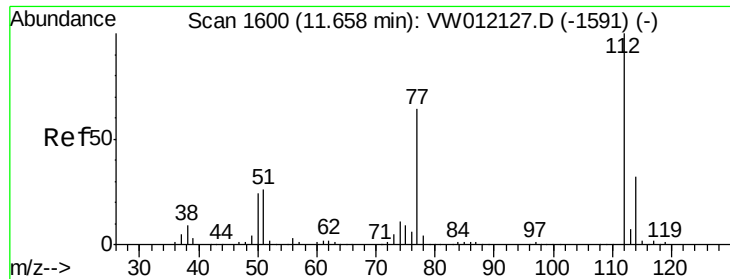
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	164	Resp:	46293
Ion Ratio	Lower	Upper	
164	100		
166	125.9	102.4	153.6
129	93.2	75.8	113.6
131	89.7	71.4	107.2





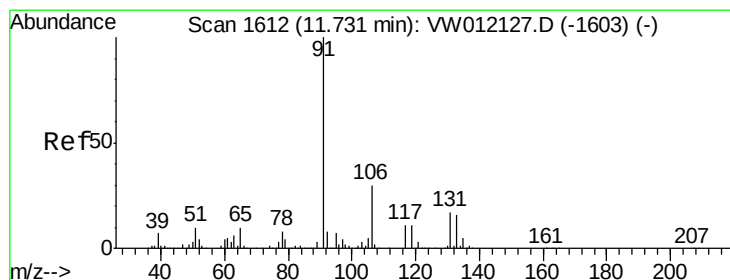
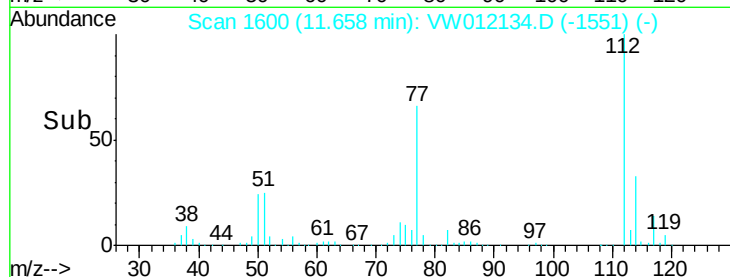
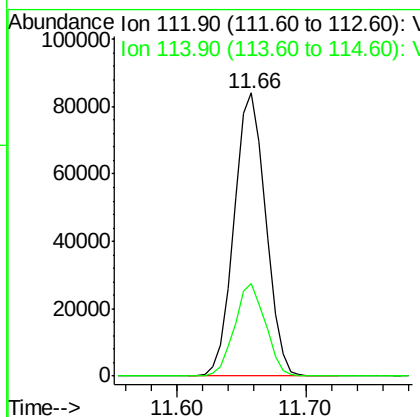
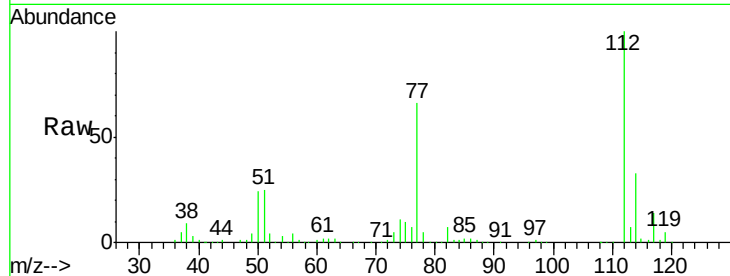
#65
Chlorobenzene
Concen: 19.714 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion:112 Resp: 143308
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

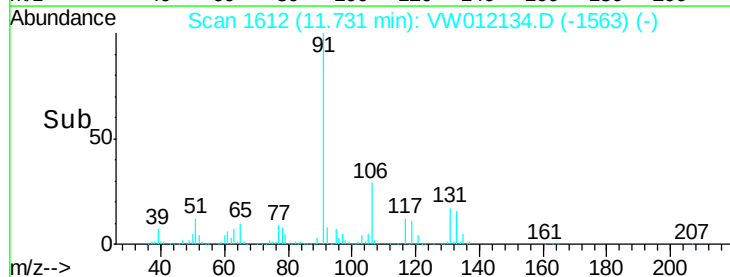
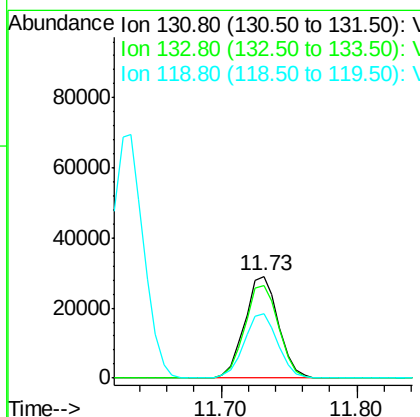
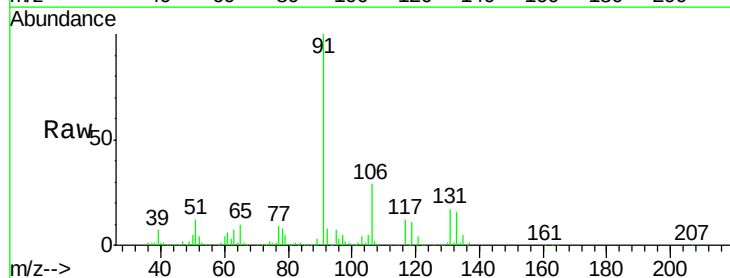
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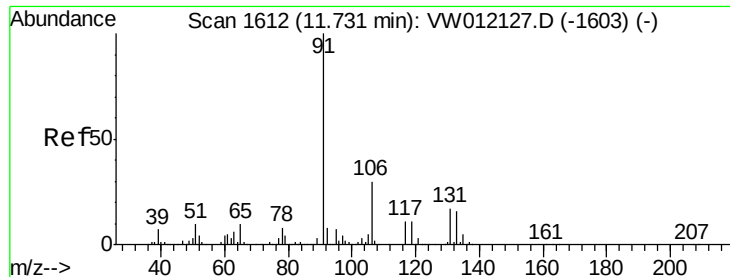
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.793 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion:131 Resp: 50196
Ion Ratio Lower Upper
131 100
133 92.0 47.1 141.3
119 63.4 31.8 95.3





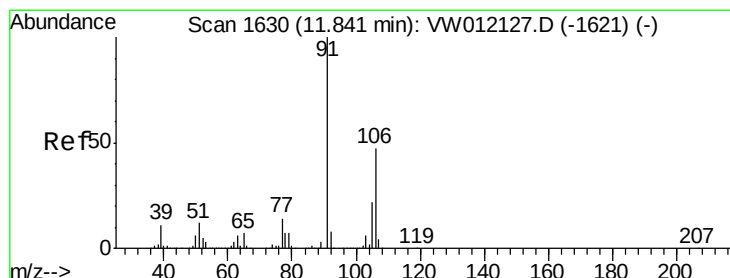
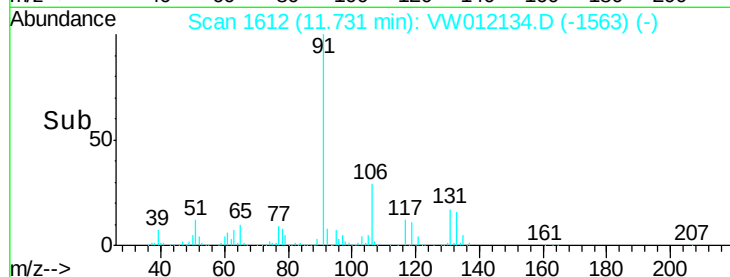
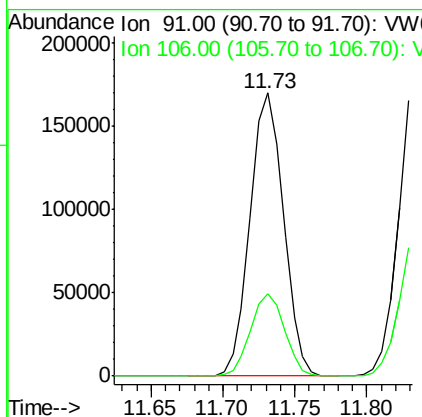
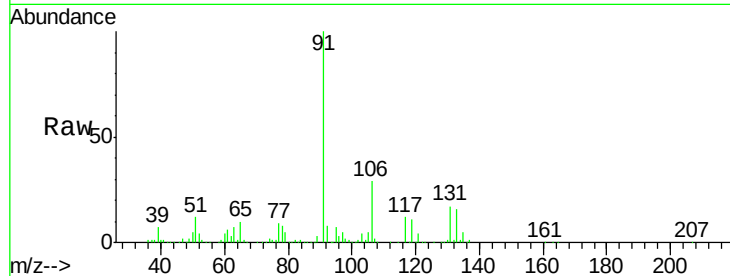
#67
Ethyl Benzene
Concen: 19.534 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	29.2	24.3	36.5

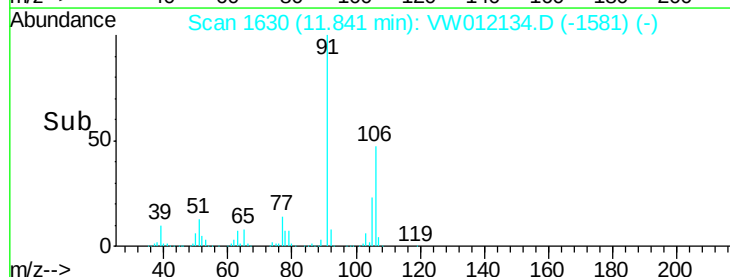
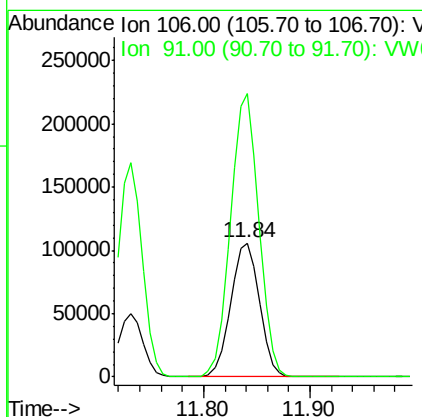
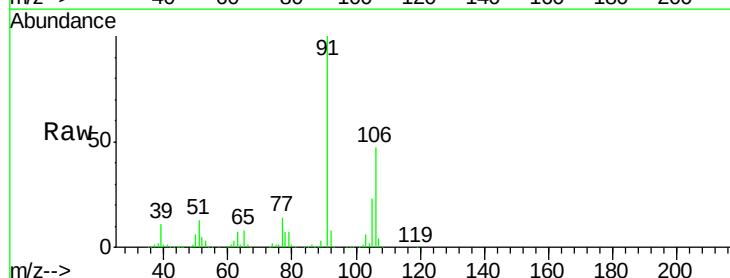
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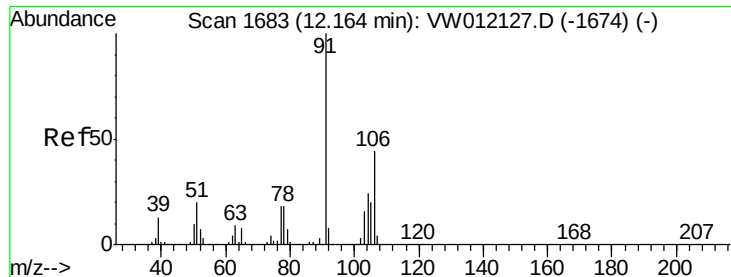
MMDadoda
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#68
m/p-Xylenes
Concen: 39.625 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
106	100		
91	208.4	169.5	254.3





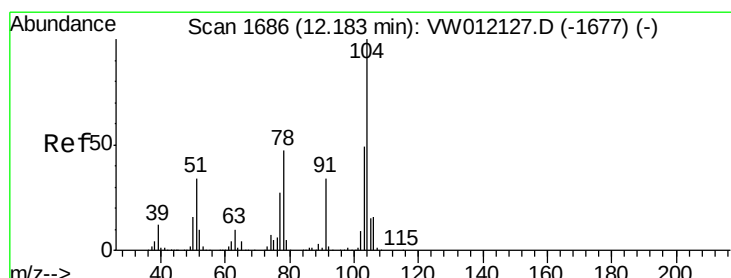
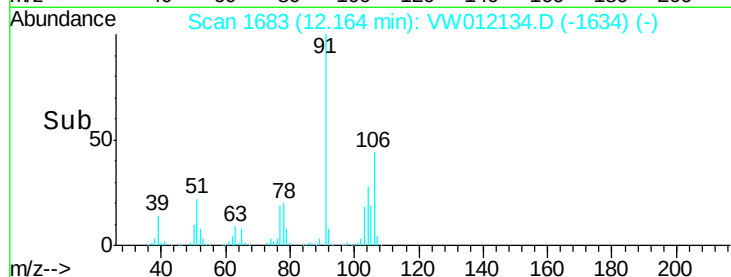
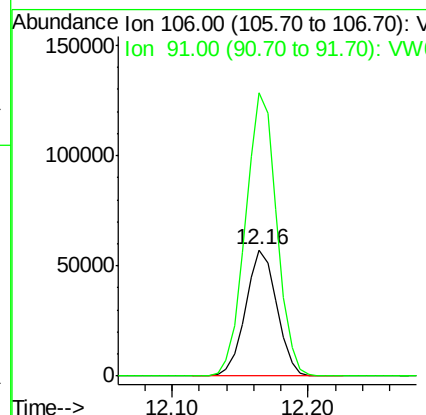
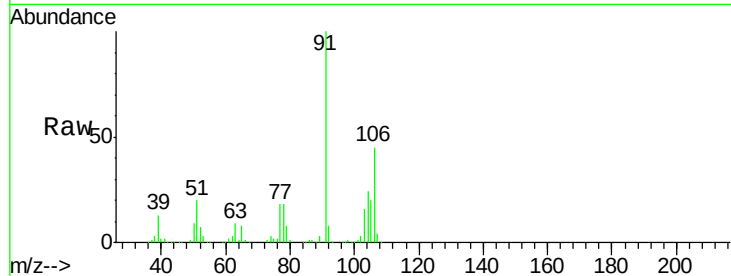
#69
o-Xylene
Concen: 19.704 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampled :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	223.9	111.6	334.6

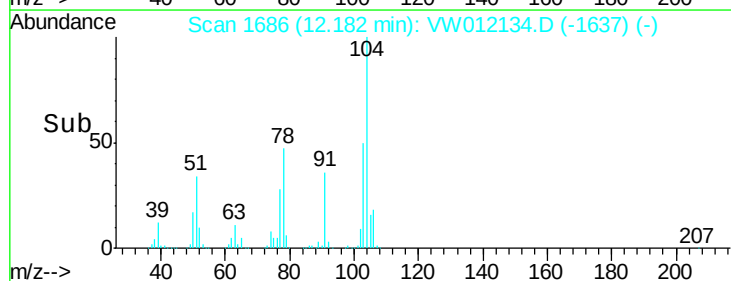
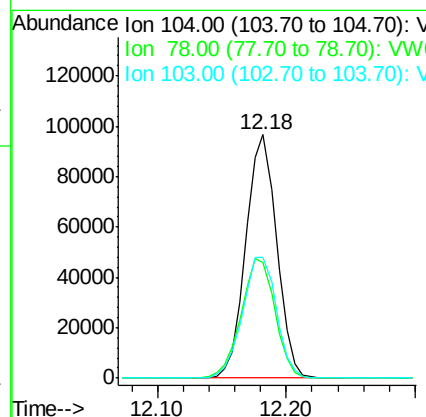
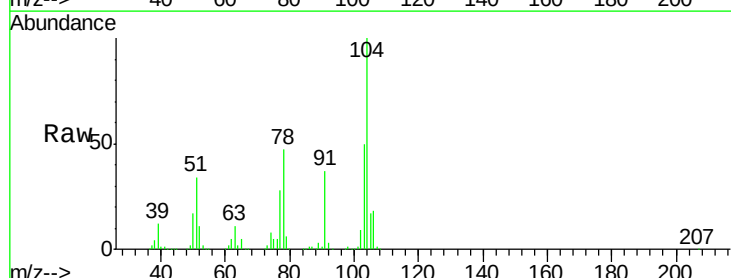
Manual Integrations
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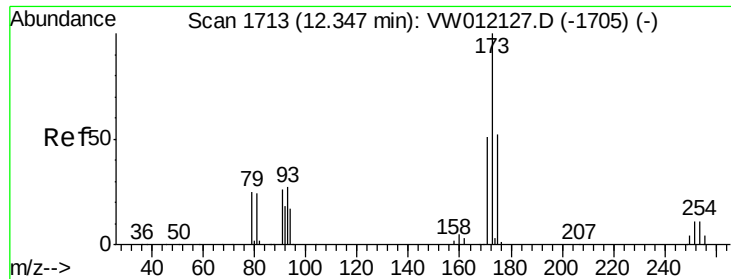
MMDadoda
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#70
Styrene
Concen: 19.719 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
104	100		
78	54.3	43.1	64.7
103	55.3	43.5	65.3





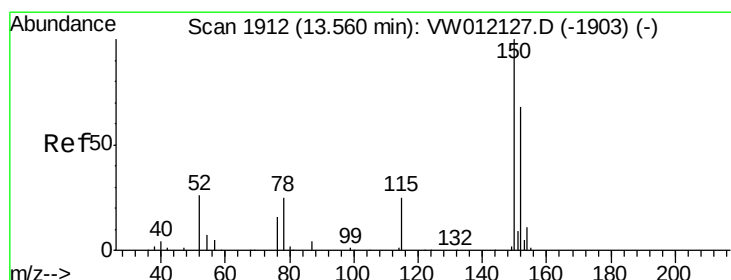
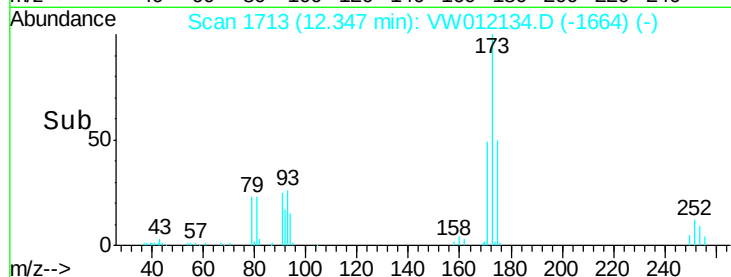
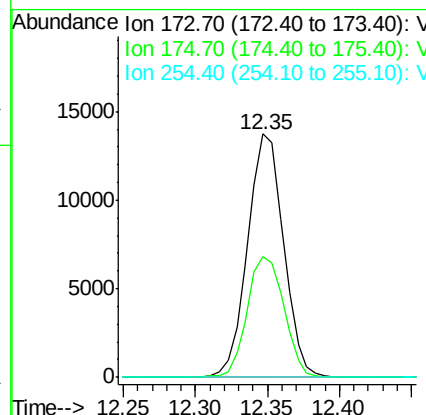
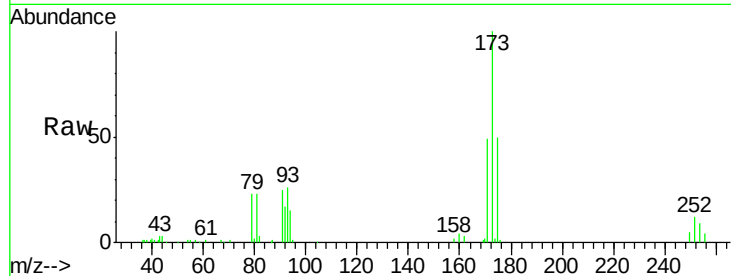
#71
Bromoform
Concen: 18.736 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.6	74.0
254	0.0	0.2	0.2

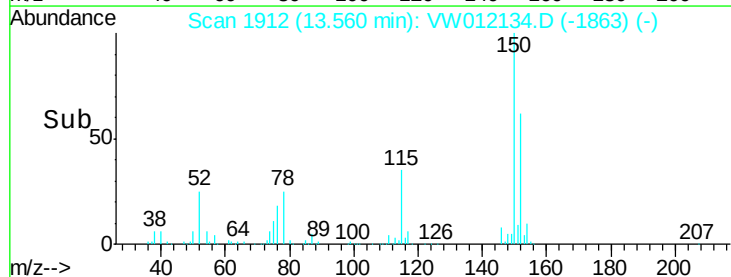
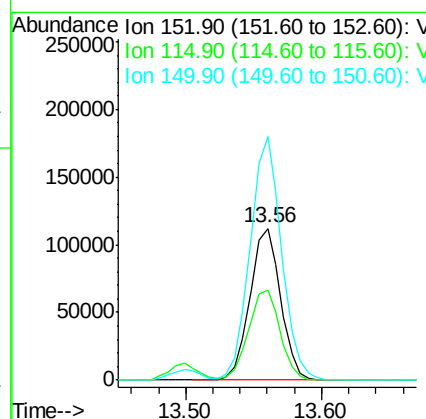
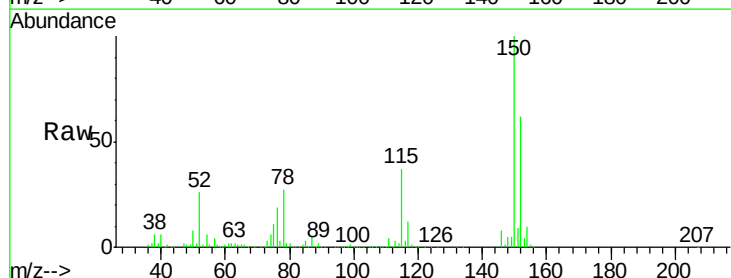
Manual Integrations
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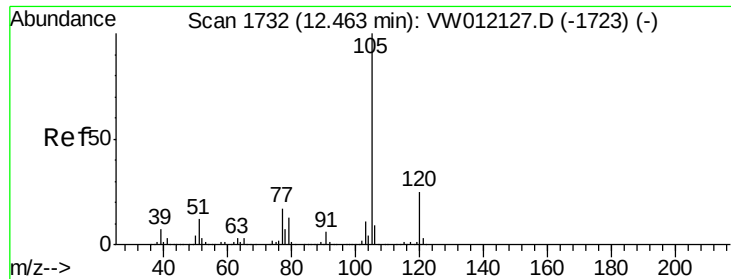
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.3
150	165.3	0.0	345.8





#73

Isopropylbenzene

Concen: 19.705 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion:105 Resp: 260450

Ion Ratio Lower Upper

105 100

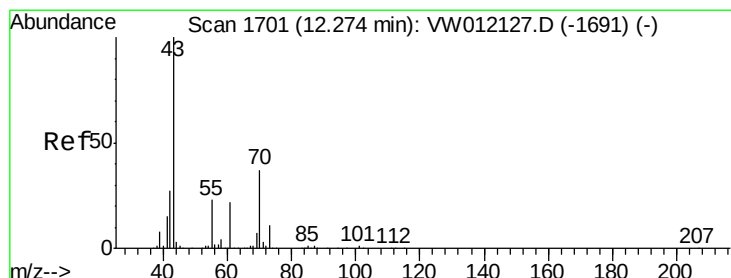
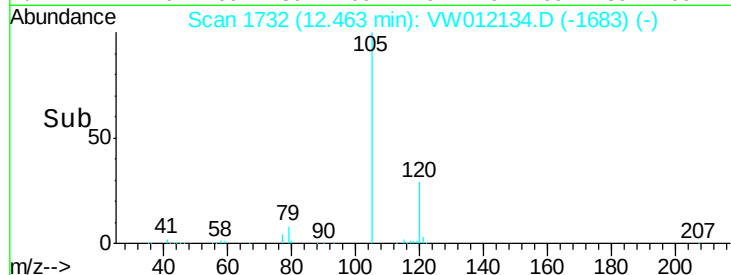
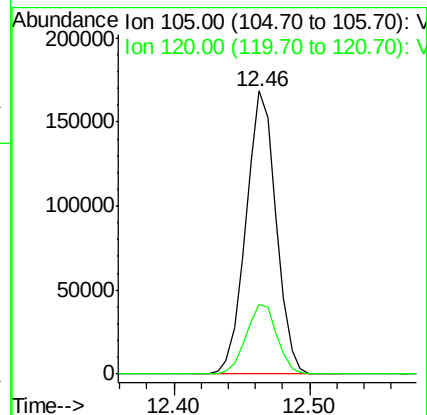
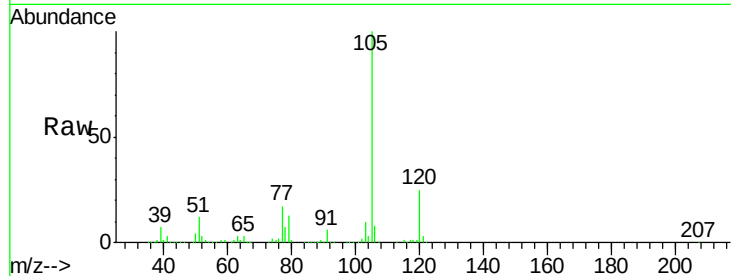
120 25.4 12.5 37.5

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#74

N-ethyl acetate

Concen: 19.233 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion: 43 Resp: 76804

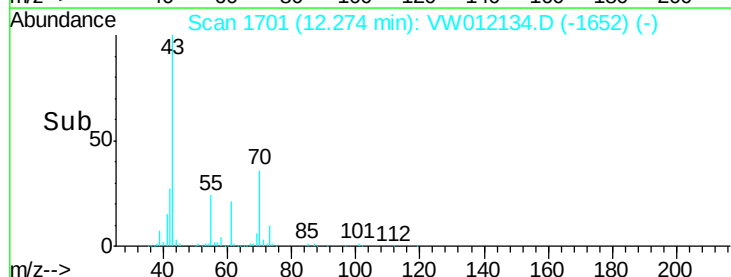
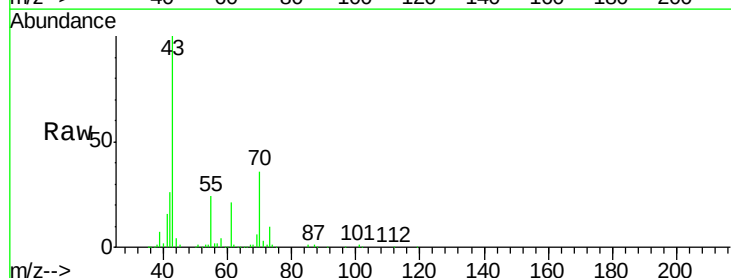
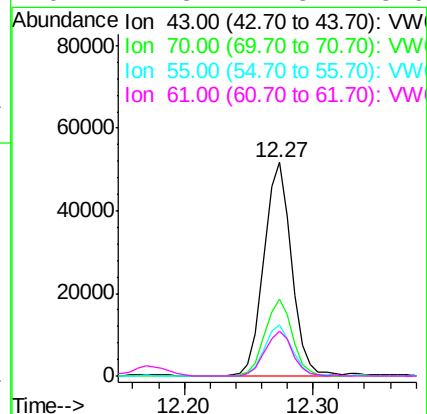
Ion Ratio Lower Upper

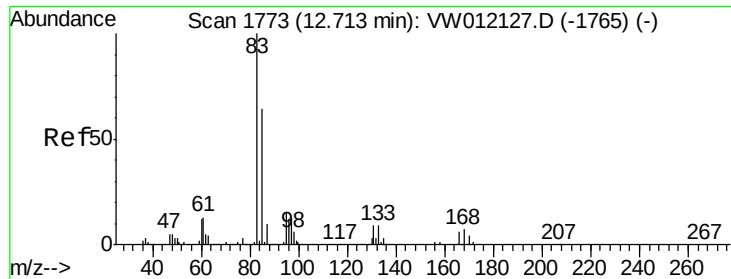
43 100

70 35.9 28.6 43.0

55 24.0 17.8 26.6

61 21.3 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 19.595 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

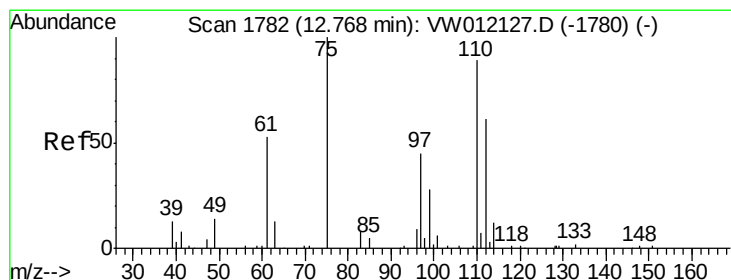
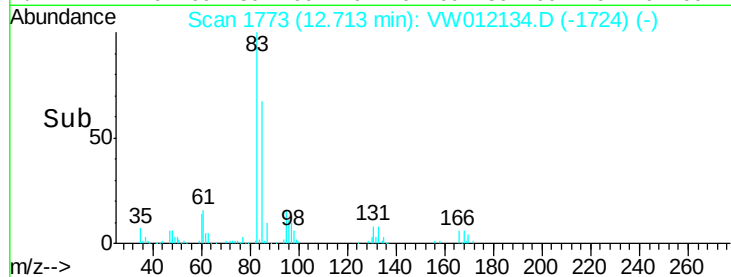
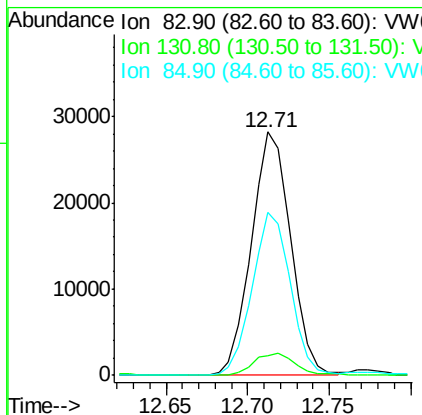
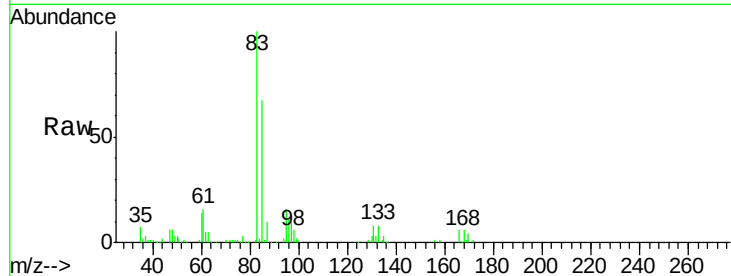
ClientSampleId :

VW0823SBS01

Tot Ion:	83	Resp:	47481
Ion Ratio	Lower	Upper	
83	100		
131	9.7	4.9	14.7
85	64.9	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 19.737 ug/l m

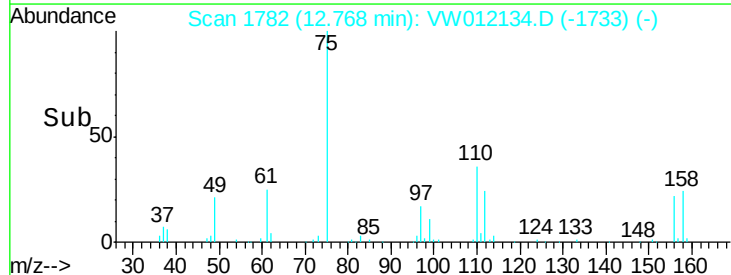
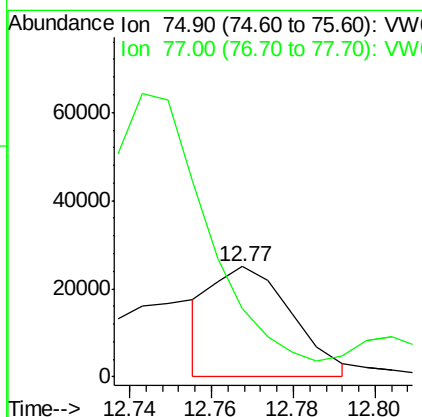
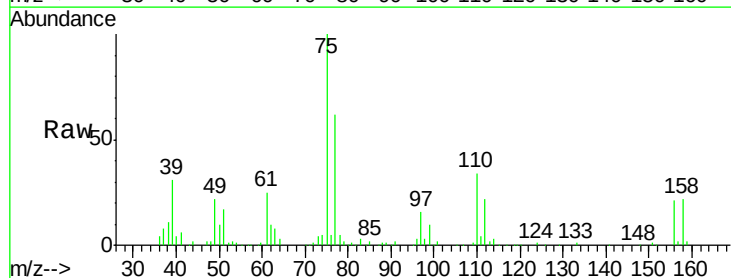
RT: 12.77 min Scan# 1782

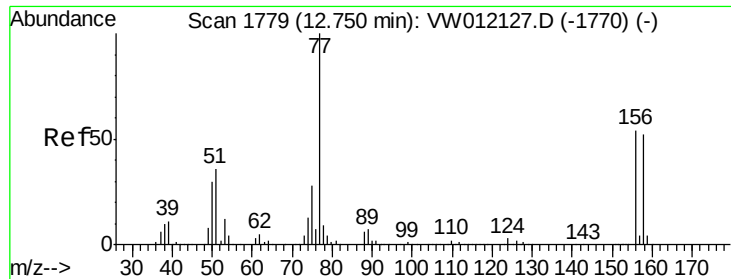
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	75	Resp:	33907
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.664 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

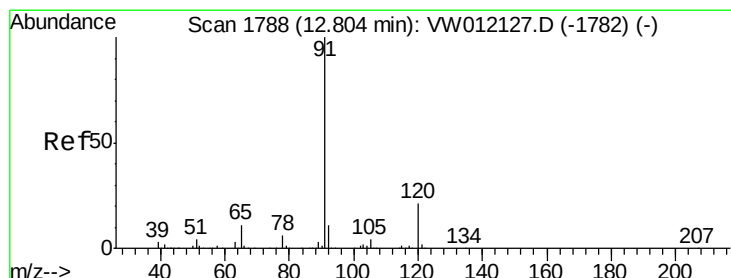
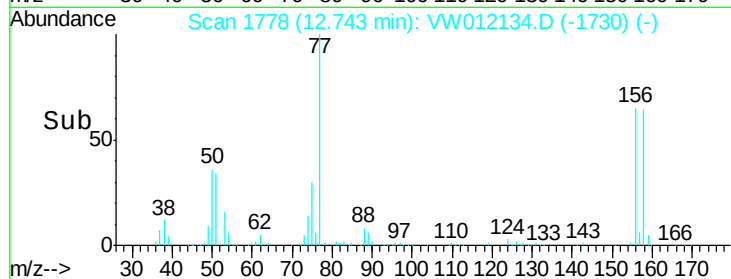
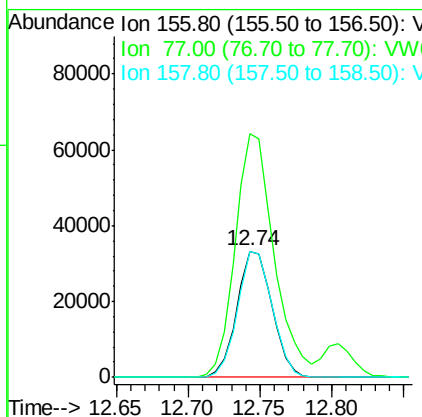
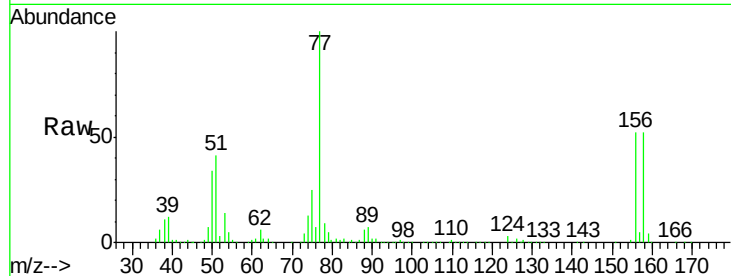
ClientSampleId :

VW0823SBS01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	214.0	107.3	321.8	
158	98.4	49.0	147.0	

Manual Integrations
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8/26/2019 11:38:41 AM



#78

n-propylbenzene

Concen: 19.711 ug/l

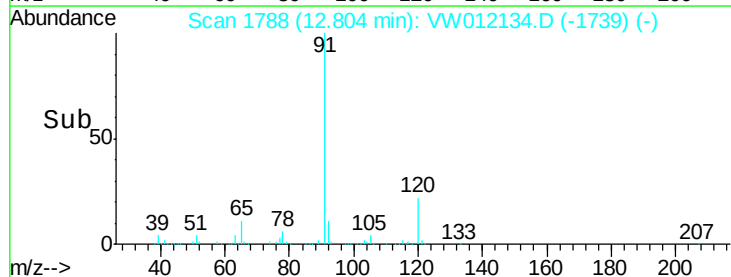
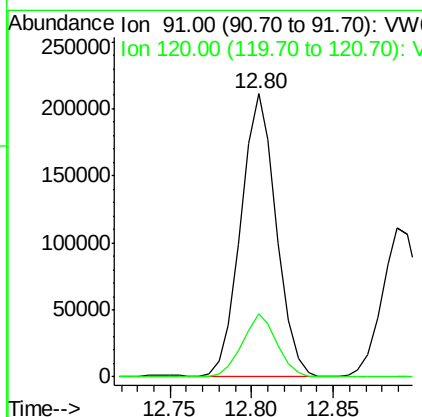
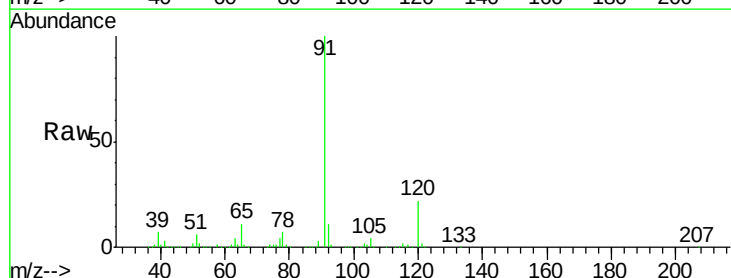
RT: 12.80 min Scan# 1788

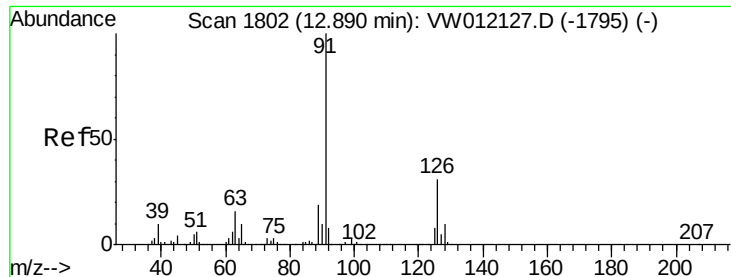
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.6	10.5	31.6	





#79

2-Chlorotoluene

Concen: 19.801 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

ClientSampleId :

VW0823SBS01

Tot Ion: 91 Resp: 181398

Ion Ratio Lower Upper

91 100

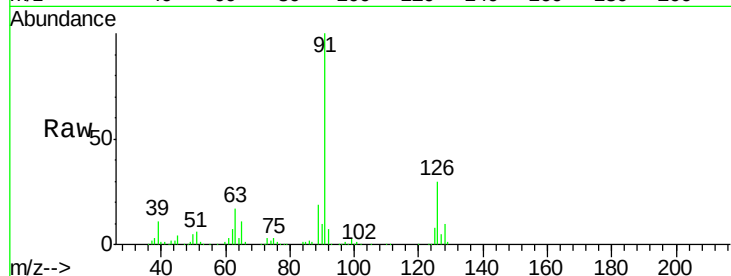
126 31.0 15.7 47.0

Manual Integrations

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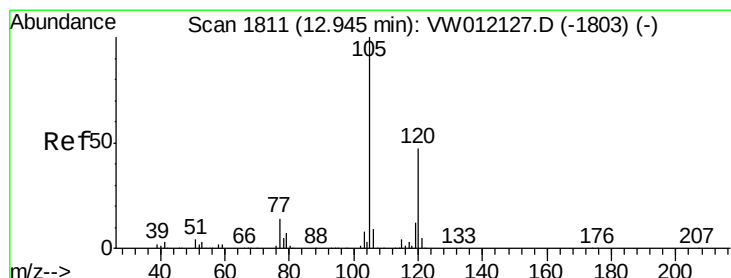
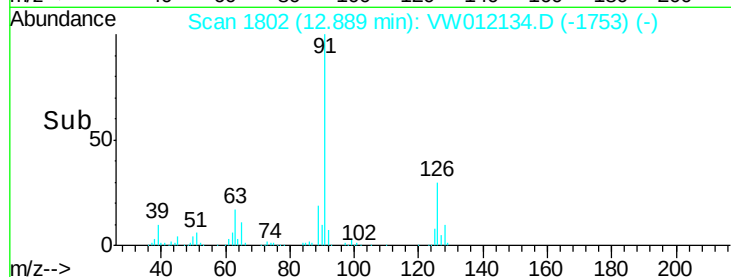
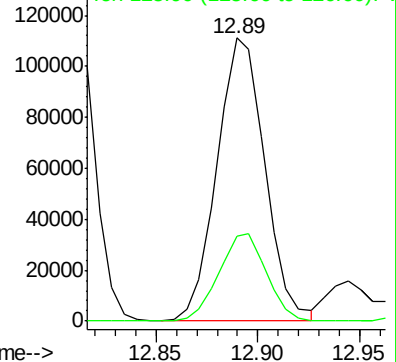
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.813 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012134.D

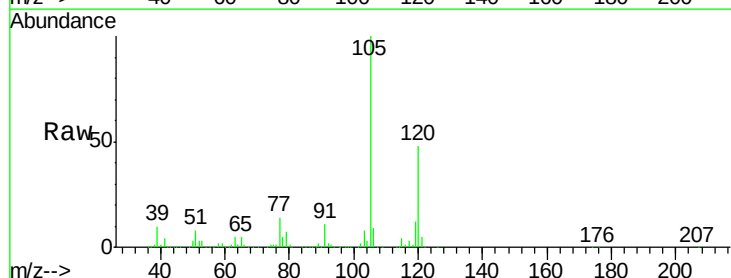
Acq: 23 Aug 2019 15:56

Tgt Ion:105 Resp: 218820

Ion Ratio Lower Upper

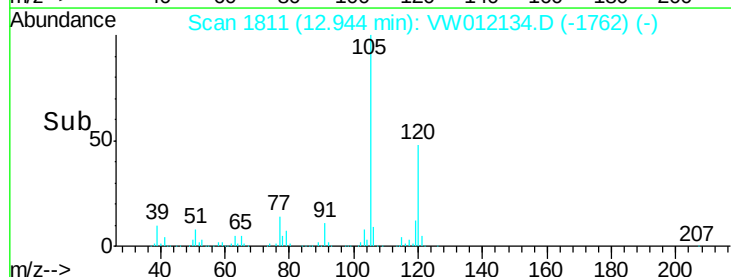
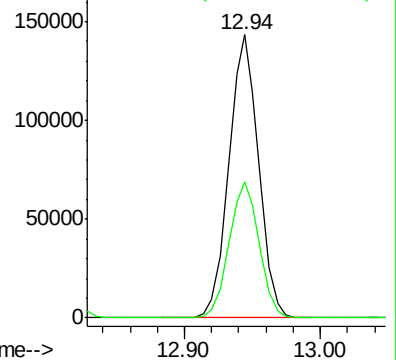
105 100

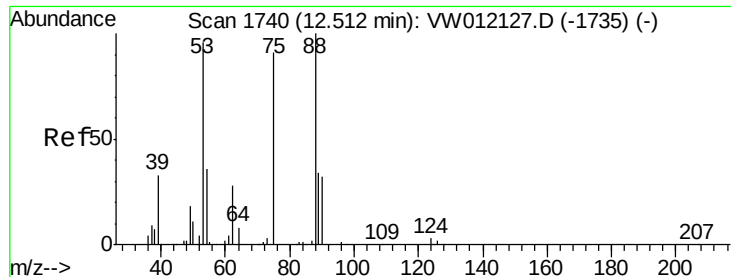
120 48.5 24.0 72.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





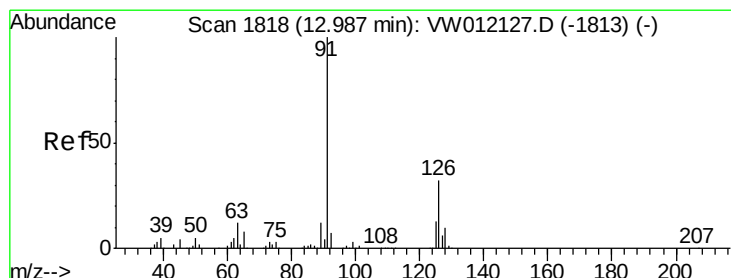
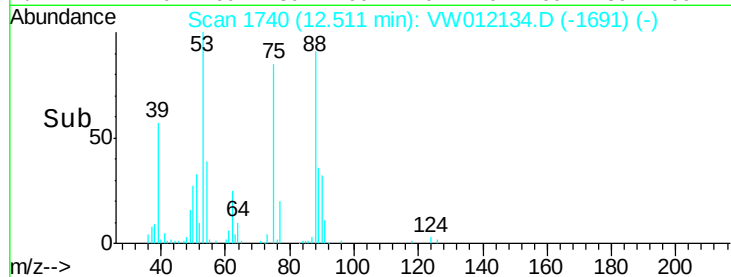
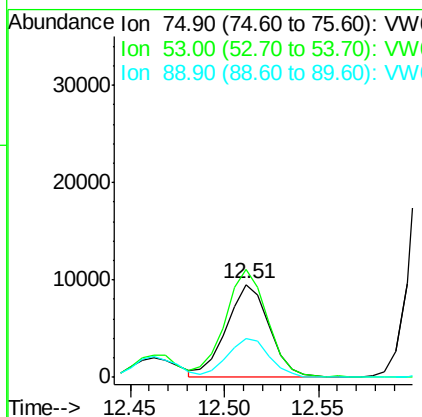
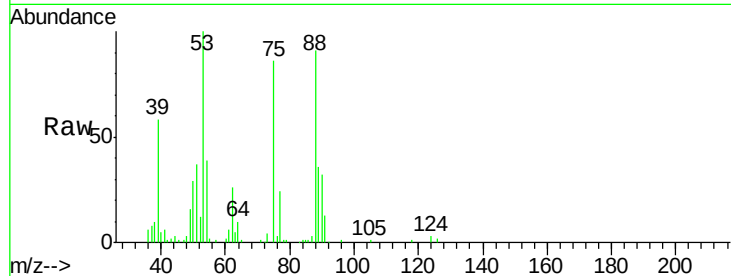
#81
trans-1,4-Dichloro-2-butene
Concen: 19.152 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.3	89.4	134.0
89	41.0	34.5	51.7

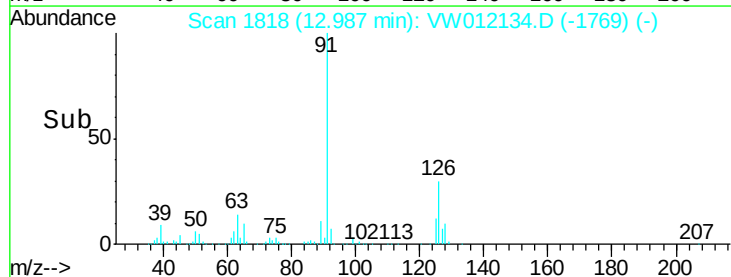
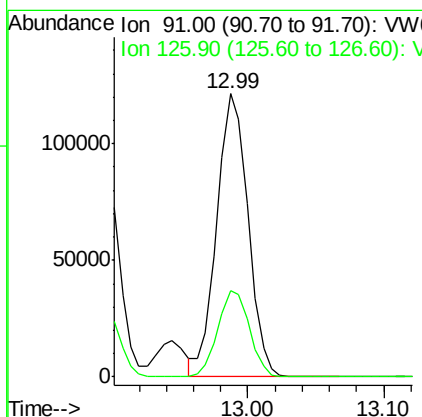
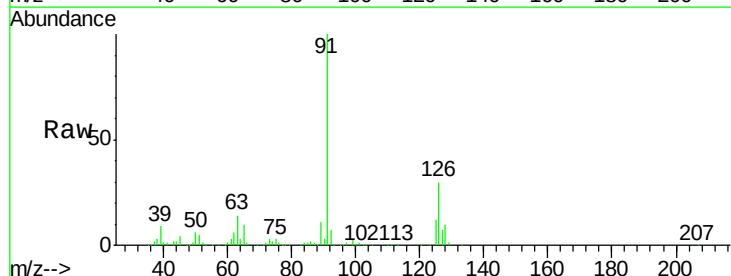
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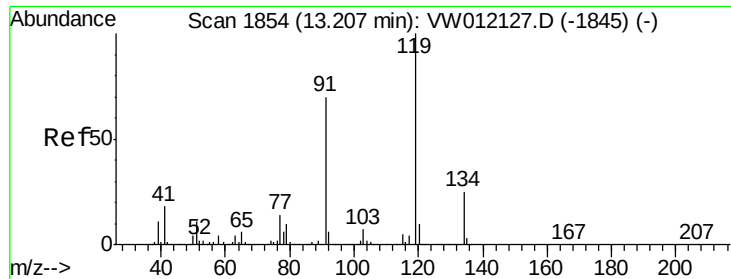
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#82
4-Chlorotoluene
Concen: 20.197 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.6	46.8





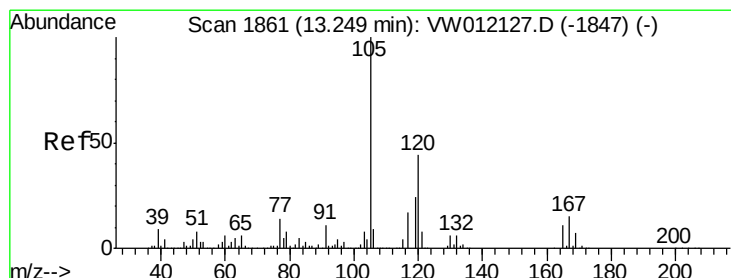
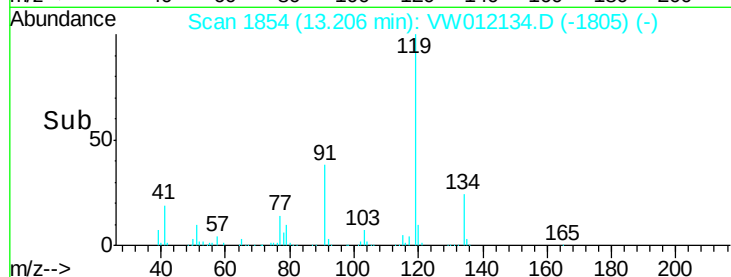
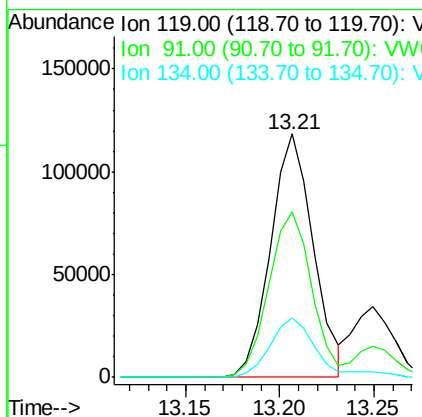
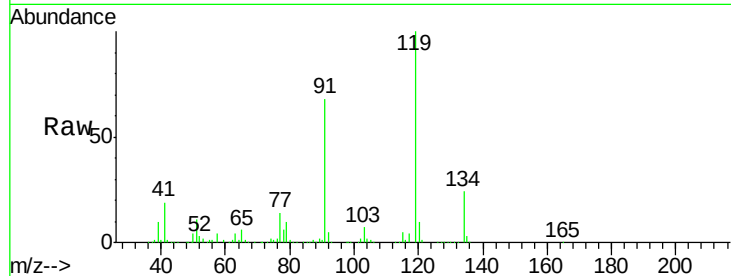
#83
 tert-Butylbenzene
 Concen: 19.846 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	34.8	104.3
134	24.9	13.3	39.8

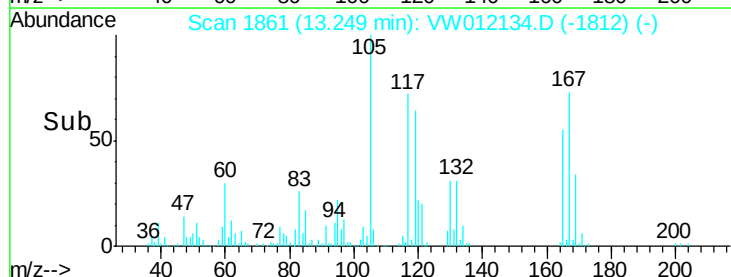
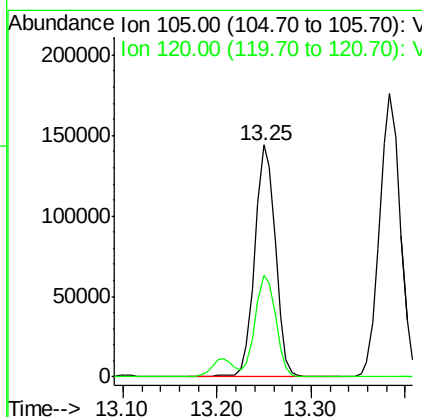
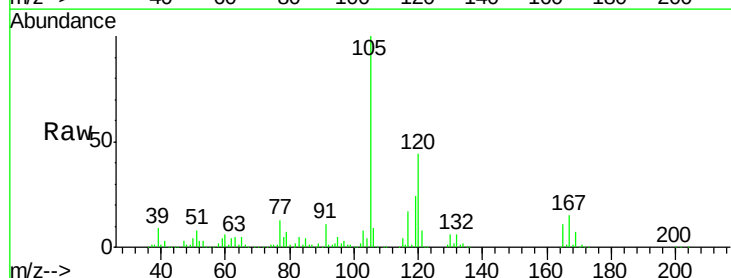
Manual Integrations
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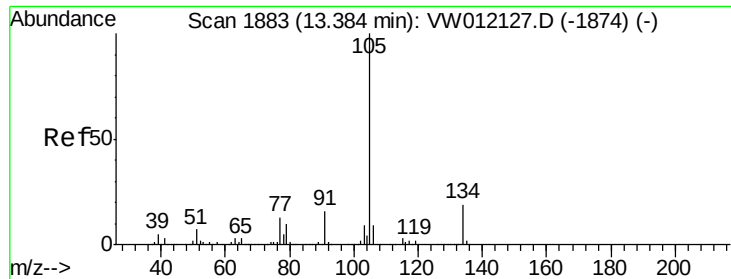
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.910 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	21.9	65.7





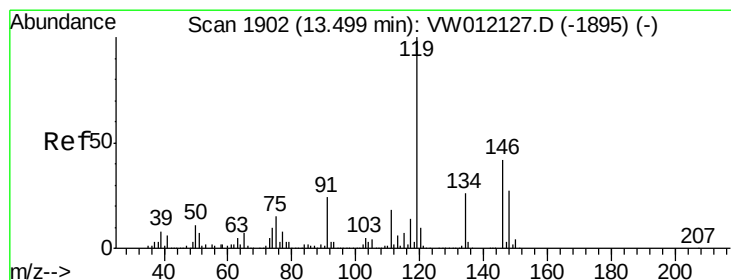
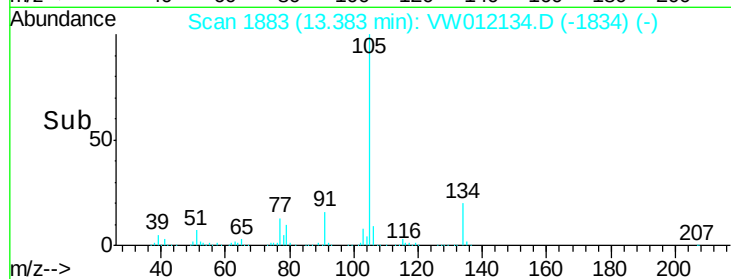
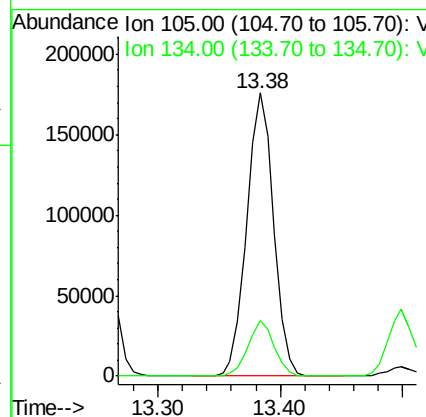
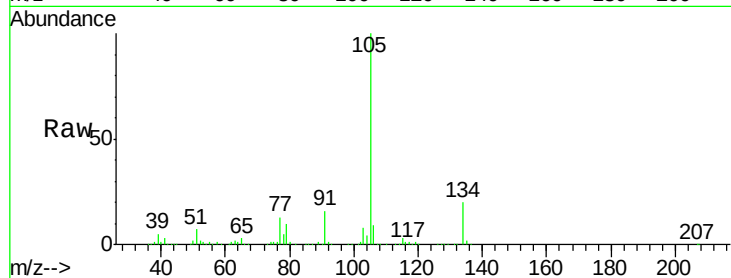
#85
 sec-Butylbenzene
 Concen: 19.955 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	267461		
134	19.2	9.8	29.4	

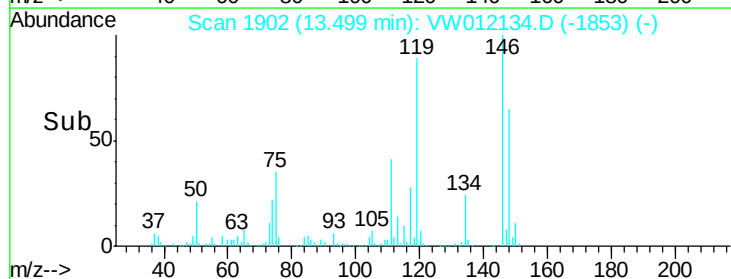
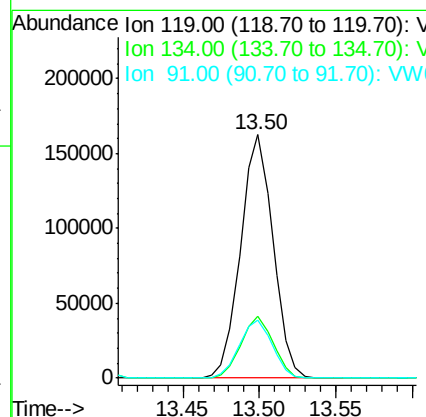
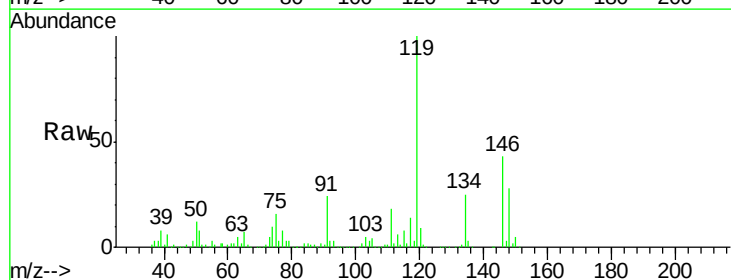
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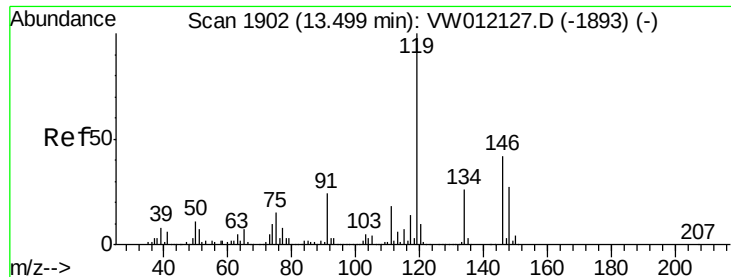
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#86
 p-Isopropyltoluene
 Concen: 19.953 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	238838		
134	25.3	12.8	38.3	
91	24.4	12.3	36.9	





#87

1,3-Dichlorobenzene

Concen: 20.010 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Instrument :

MSVOA_W

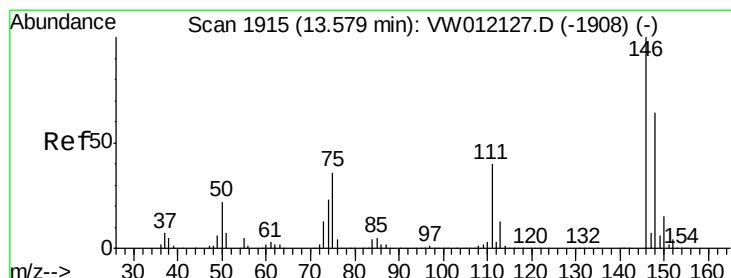
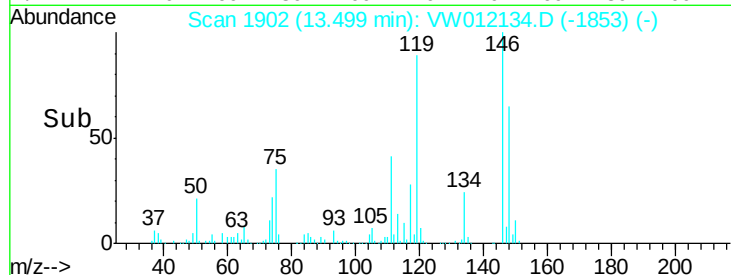
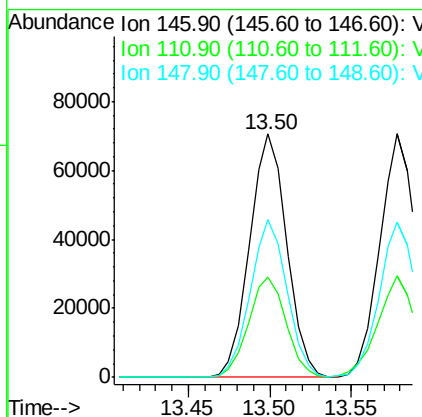
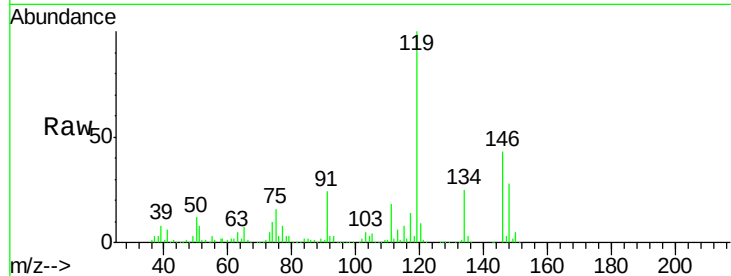
ClientSampleId :

VW0823SBS01

Tot Ion:	146	Resp:	111916
Ion Ratio	Lower	Upper	
146	100		
111	41.6	20.9	62.7
148	63.8	32.2	96.6

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.870 ug/l

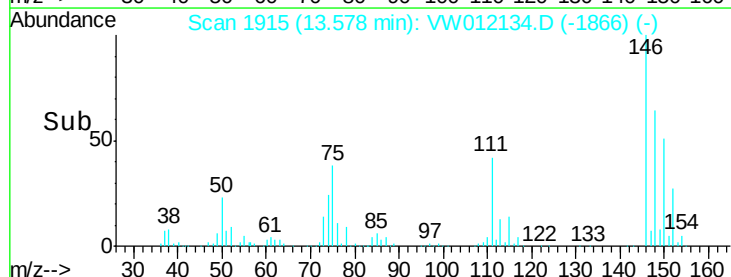
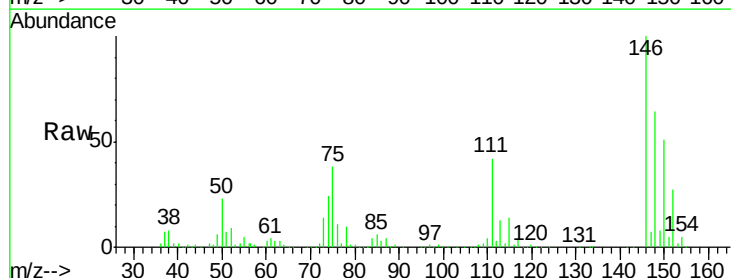
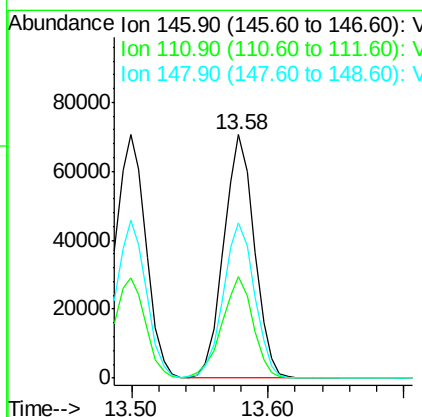
RT: 13.58 min Scan# 1915

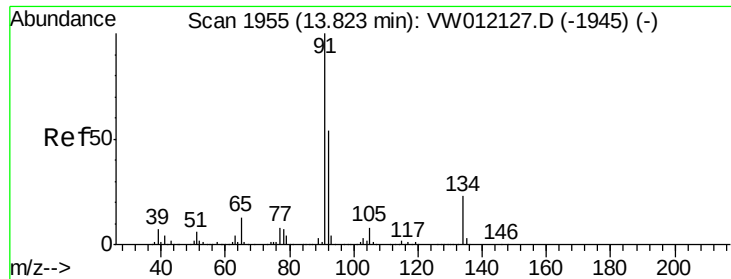
Delta R.T. -0.00 min

Lab File: VW012134.D

Acq: 23 Aug 2019 15:56

Tgt Ion:	146	Resp:	110345
Ion Ratio	Lower	Upper	
146	100		
111	42.6	20.0	60.0
148	65.1	32.1	96.3





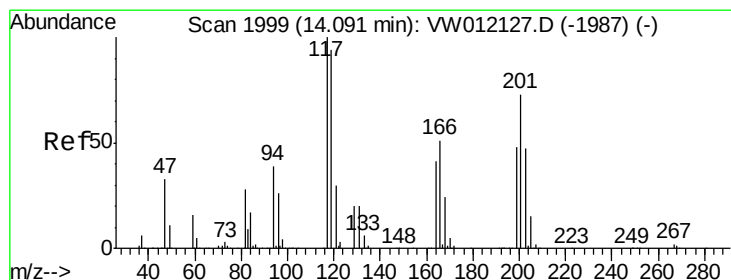
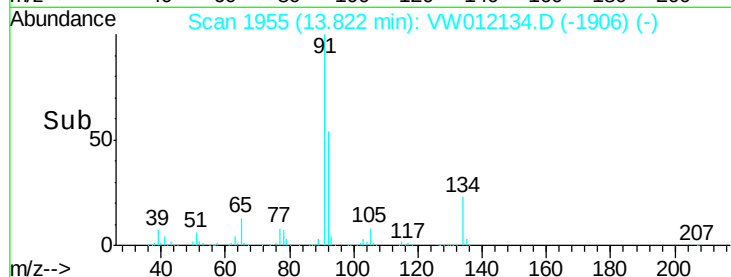
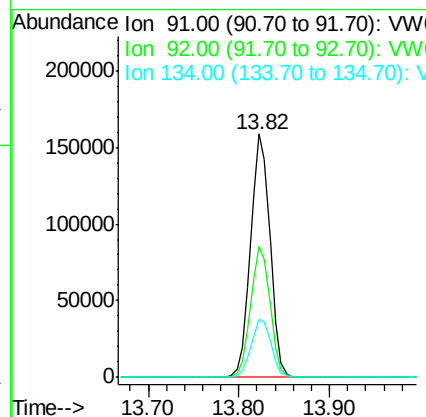
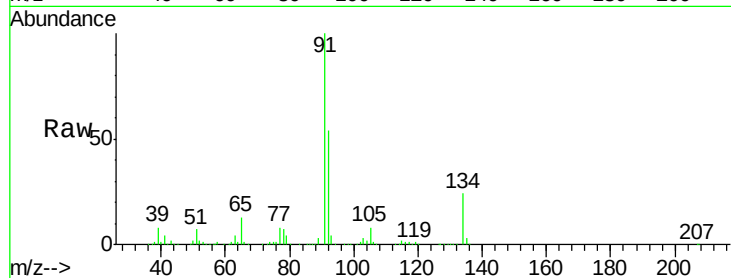
#89
n-Butylbenzene
Concen: 19.815 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	53.5	27.1	81.2	
134	24.3	12.2	36.4	

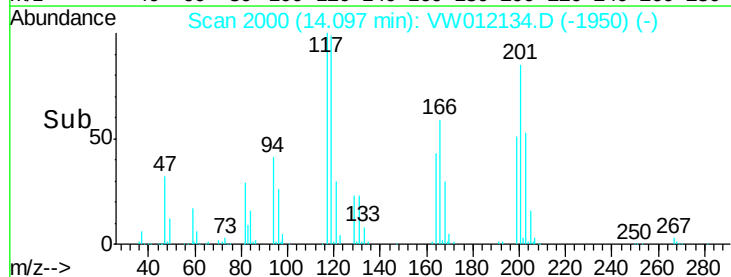
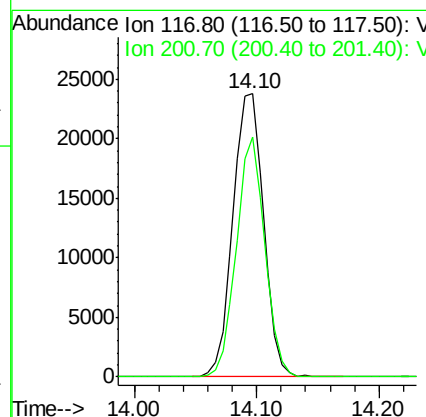
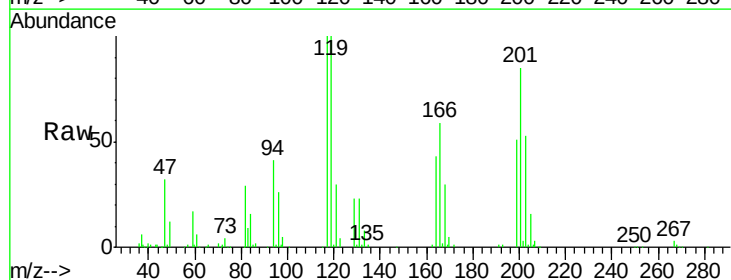
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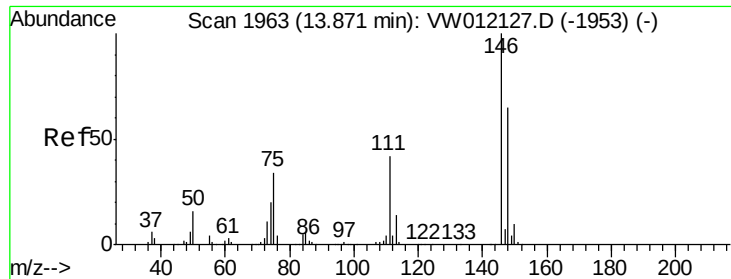
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#90
Hexachloroethane
Concen: 19.544 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	78.6	38.6	115.7	





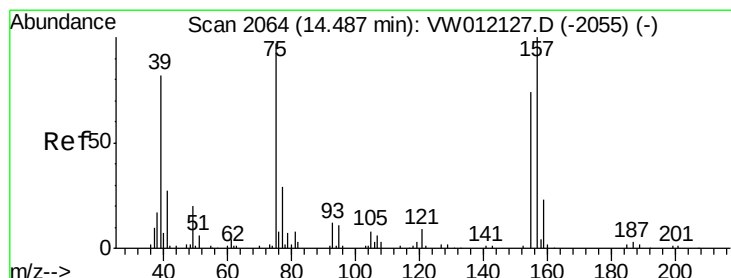
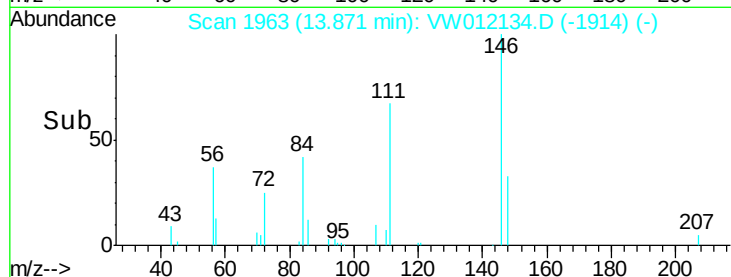
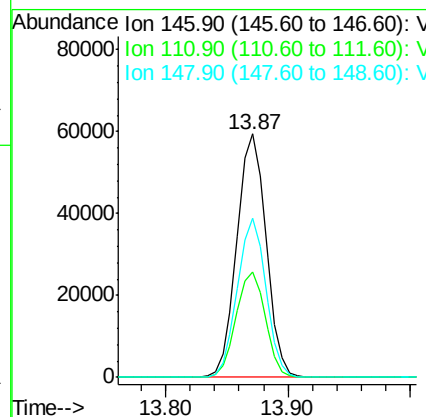
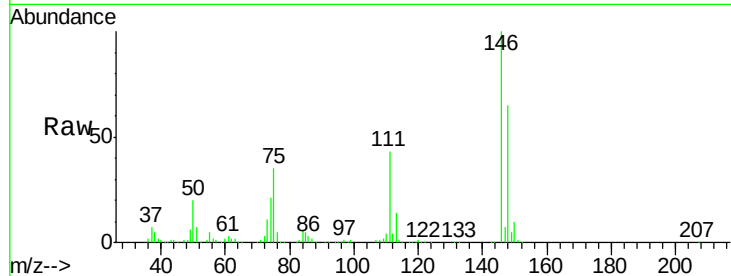
#91
 1,2-Dichlorobenzene
 Concen: 20.012 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0823SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.2	63.6
148	63.9	32.5	97.4

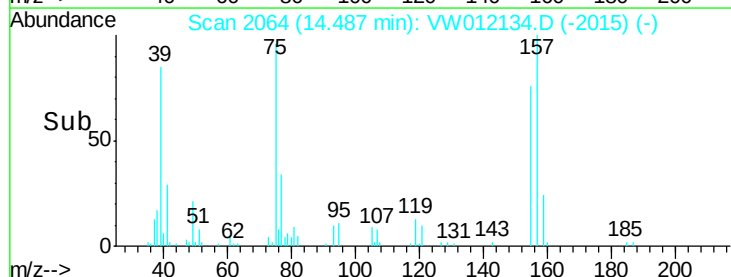
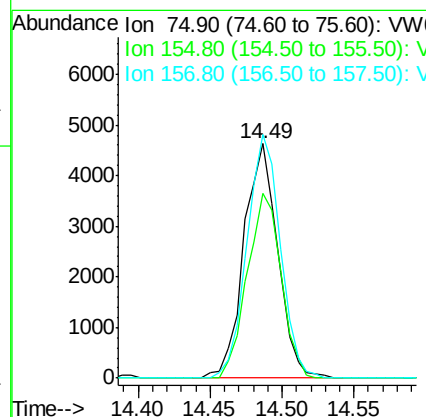
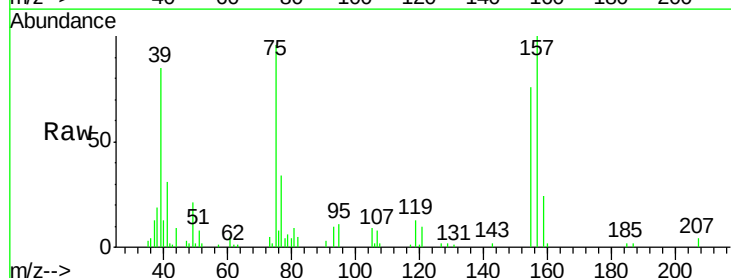
Manual Integrations
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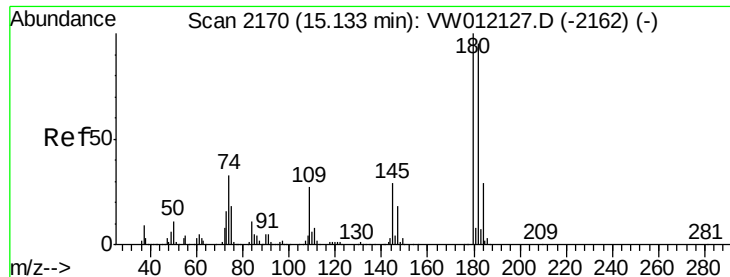
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.455 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012134.D
 Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.5	37.5	112.3
157	102.2	50.5	151.5





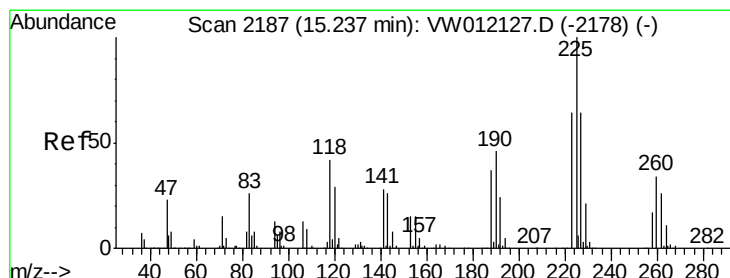
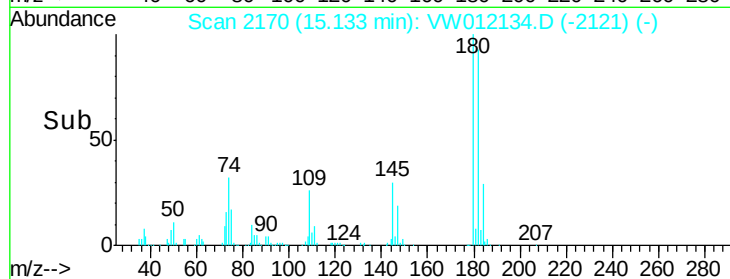
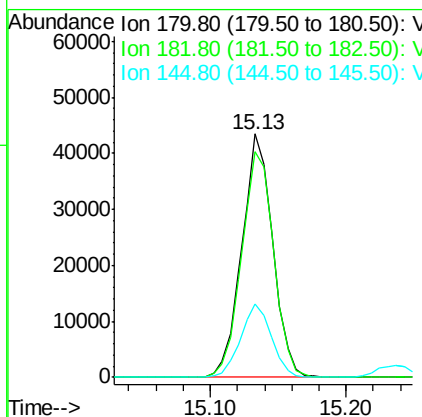
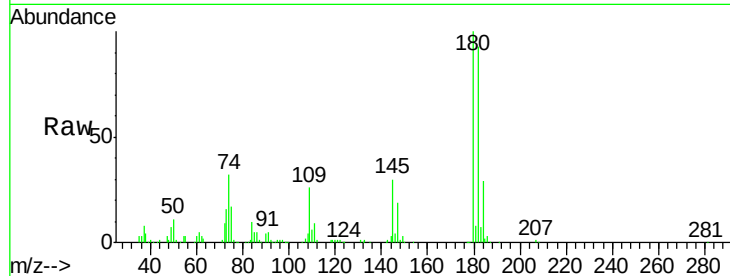
#93
1,2,4-Trichlorobenzene
Concen: 20.374 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	69081		
182	96.0	47.8	143.4	
145	30.3	15.0	45.1	

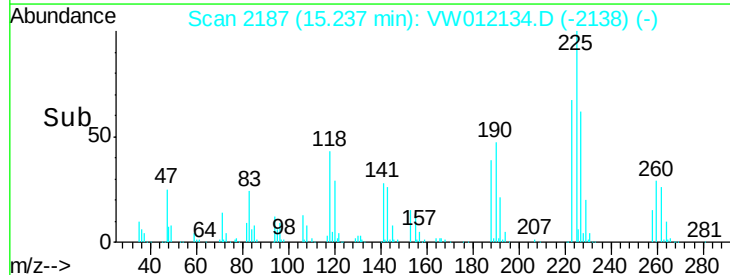
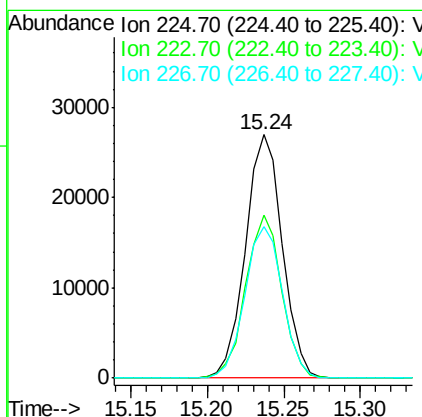
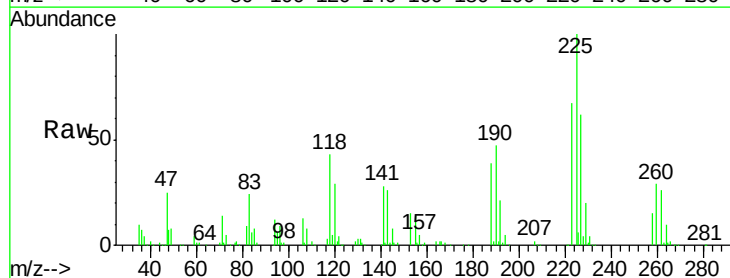
Manual Integrations
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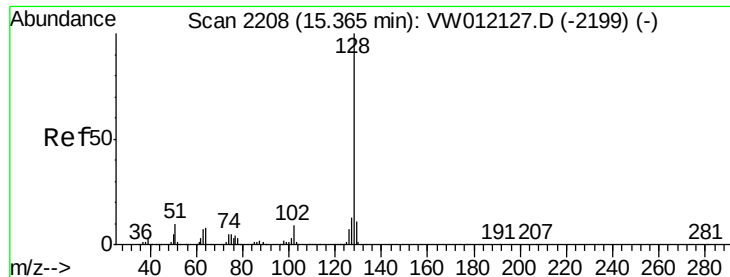
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#94
Hexachlorobutadiene
Concen: 20.154 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45121		
223	65.3	32.3	96.8	
227	63.6	32.9	98.6	





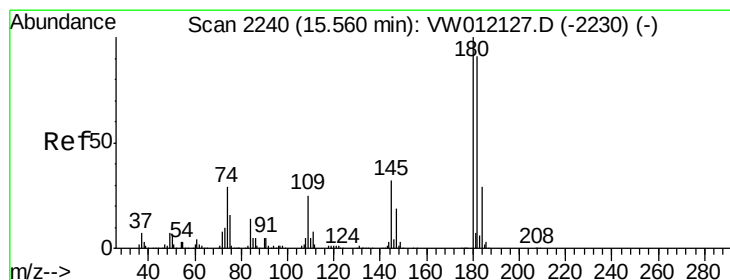
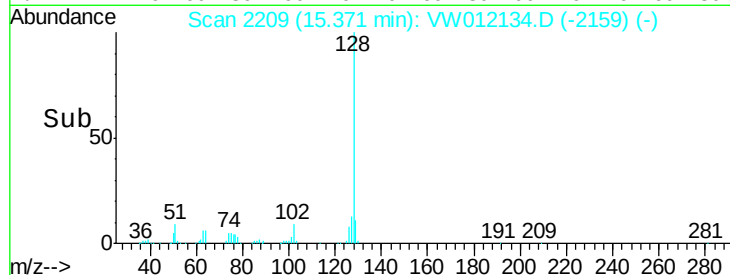
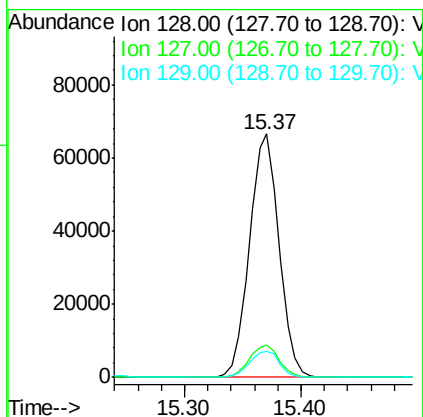
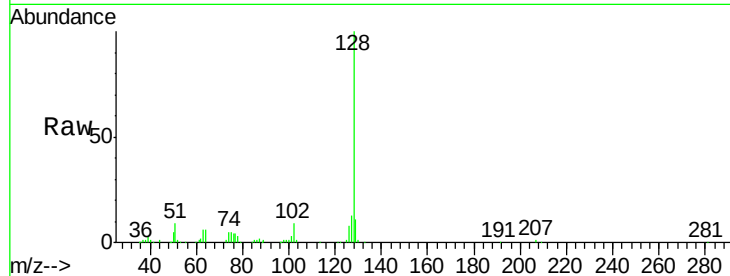
#95
Naphthalene
Concen: 20.527 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Instrument :
MSVOA_W
ClientSampleId :
VW0823SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	118027		
127	13.5	10.7	16.1	
129	10.8	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:38:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.220 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW012134.D
Acq: 23 Aug 2019 15:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	59817		
182	95.0	47.1	141.3	
145	32.0	16.2	48.5	

