

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012125.D
 Acq On : 23 Aug 2019 10:11
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 8/26/2019 11:38:57 AM

Quant Time: Aug 26 07:12:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:02:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	265833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	367397	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174834	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	31131	9.85	ug/l	0.00
Spiked Amount			Recovery	=	19.70%	
35) Dibromofluoromethane	7.88	113	25466	10.04	ug/l	0.00
Spiked Amount			Recovery	=	20.08%	
50) Toluene-d8	10.32	98	100522	9.77	ug/l	0.00
Spiked Amount			Recovery	=	19.54%	
62) 4-Bromofluorobenzene	12.62	95	36228	9.99	ug/l	0.00
Spiked Amount			Recovery	=	19.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	13996	8.551	ug/l	95
3) Chloromethane	2.21	50	23981	9.457	ug/l	96
4) Vinyl Chloride	2.36	62	28967	9.333	ug/l	97
5) Bromomethane	2.78	94	14938	9.503	ug/l	97
6) Chloroethane	2.92	64	16522	9.436	ug/l	93
7) Trichlorofluoromethane	3.26	101	13539	8.687	ug/l	96
8) Diethyl Ether	3.68	74	13940	9.423	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	25364	9.574	ug/l	98
10) Methyl Iodide	4.27	142	33122	9.240	ug/l	98
11) Tert butyl alcohol	5.18	59	9125m	47.402	ug/l	
12) 1,1-Dichloroethene	4.04	96	24847	9.318	ug/l	98
13) Acrolein	3.89	56	9048	50.543	ug/l	96
14) Allyl chloride	4.67	41	52929	9.285	ug/l	99
15) Acrylonitrile	5.37	53	34462	46.998	ug/l	99
16) Acetone	4.12	43	34266	42.419	ug/l	99
17) Carbon Disulfide	4.38	76	69116	8.577	ug/l	99
18) Methyl Acetate	4.67	43	18662	9.328	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	41228	9.561	ug/l	95
20) Methylene Chloride	4.91	84	30202	9.890	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	26803	9.374	ug/l	99
22) Diisopropyl ether	6.31	45	103504	9.796	ug/l	96
23) Vinyl Acetate	6.26	43	295342	45.419	ug/l	99
24) 1,1-Dichloroethane	6.21	63	55681	9.678	ug/l	99
25) 2-Butanone	7.18	43	49439	45.039	ug/l	99
26) 2,2-Dichloropropane	7.16	77	31746	9.749	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	29055	9.511	ug/l	98
28) Bromochloromethane	7.51	49	24993	9.967	ug/l	97
29) Tetrahydrofuran	7.53	42	29722	45.131	ug/l	98
30) Chloroform	7.68	83	52065	9.892	ug/l	100
31) Cyclohexane	7.96	56	55483	9.748	ug/l	# 88
32) 1,1,1-Trichloroethane	7.87	97	39929	9.589	ug/l	98
36) 1,1-Dichloropropene	8.09	75	41970	9.555	ug/l	99
37) Ethyl Acetate	7.26	43	22130	9.194	ug/l	99
38) Carbon Tetrachloride	8.07	117	36125	9.502	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	45527	9.226	ug/l	96
40) Benzene	8.32	78	115980	9.670	ug/l	99
41) Methacrylonitrile	7.49	41	13766	9.731	ug/l	97
42) 1,2-Dichloroethane	8.40	62	36738	9.773	ug/l	99
43) Isopropyl Acetate	8.43	43	41112	9.221	ug/l	99
44) Trichloroethene	9.09	130	28108	9.640	ug/l	99
45) 1,2-Dichloropropane	9.37	63	31451	9.743	ug/l	96
46) Dibromomethane	9.46	93	13297	9.258	ug/l	98
47) Bromodichloromethane	9.65	83	36231	9.479	ug/l	99
48) Methyl methacrylate	9.44	41	18780	8.850	ug/l	96
49) 1,4-Dioxane	9.45	88	4338	197.302	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	104516	46.088	ug/l	99
52) Toluene	10.39	92	68961	9.571	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	35262	9.057	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	43810	9.319	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	20316	9.998	ug/l	97
56) Ethyl methacrylate	10.65	69	26449	8.943	ug/l	97
57) 1,3-Dichloropropane	10.93	76	37212	9.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	67978	44.786	ug/l	100
59) 2-Hexanone	10.97	43	71163	44.350	ug/l	100
60) Dibromochloromethane	11.13	129	20756	9.170	ug/l	96
61) 1,2-Dibromoethane	11.23	107	17779	9.391	ug/l	98
64) Tetrachloroethene	10.86	164	22479	9.437	ug/l	97
65) Chlorobenzene	11.66	112	70930	9.805	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	24031	9.522	ug/l	96
67) Ethyl Benzene	11.73	91	132157	9.483	ug/l	99
68) m/p-Xylenes	11.84	106	95893	19.103	ug/l	99
69) o-Xylene	12.17	106	44577	9.595	ug/l	100
70) Styrene	12.18	104	75314	9.365	ug/l	99
71) Bromoform	12.35	173	11386	9.055	ug/l #	99
73) Isopropylbenzene	12.46	105	126188	9.632	ug/l	98
74) N-amyl acetate	12.27	43	35774	9.038	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	23345	9.720	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	16024m	9.512	ug/l	
77) Bromobenzene	12.75	156	27225	9.606	ug/l	99
78) n-propylbenzene	12.80	91	153777	9.615	ug/l	99
79) 2-Chlorotoluene	12.89	91	88013	9.693	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	105662	9.652	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	6713	8.644	ug/l	95
82) 4-Chlorotoluene	12.99	91	94440	9.933	ug/l	100
83) tert-Butylbenzene	13.21	119	90152	9.722	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	106420	9.678	ug/l	99
85) sec-Butylbenzene	13.38	105	128795	9.695	ug/l	99
86) p-Isopropyltoluene	13.50	119	114927	9.687	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	55589	10.028	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	54636	9.926	ug/l	96
89) n-Butylbenzene	13.82	91	112361	9.523	ug/l	99
90) Hexachloroethane	14.10	117	19281	9.263	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	48287	9.929	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3862	9.538	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	30859	9.182	ug/l	100
94) Hexachlorobutadiene	15.24	225	21709	9.783	ug/l	99
95) Naphthalene	15.37	128	50132	8.519	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	27239	9.290	ug/l	99

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

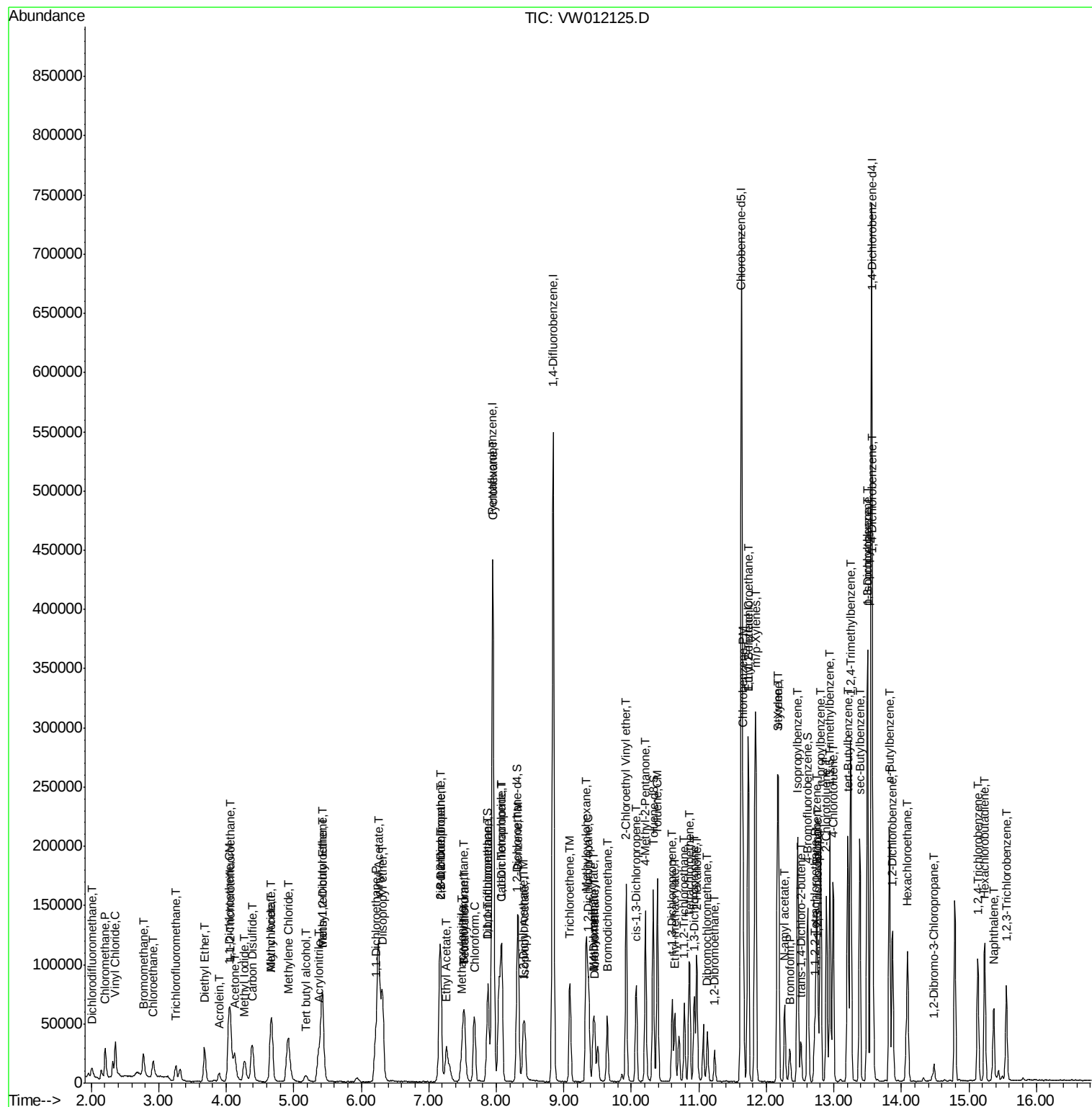
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Data File : VW012125.D
Acq On : 23 Aug 2019 10:11
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 265833

Ion Ratio Lower Upper

168 100

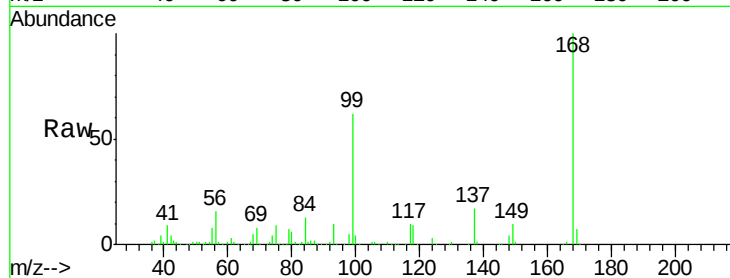
99 61.5 49.2 73.8

Manual Integrations

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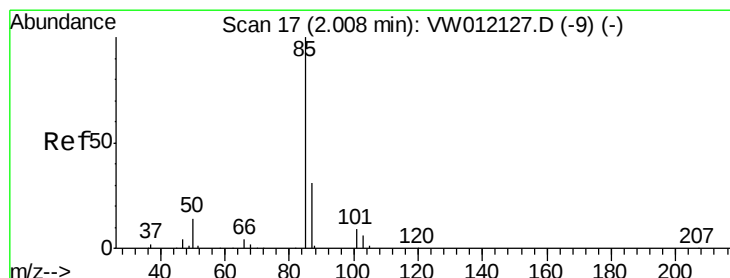
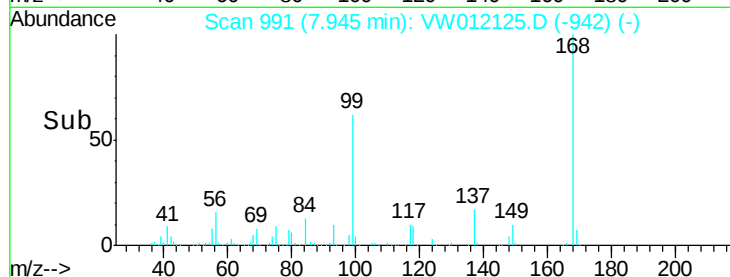
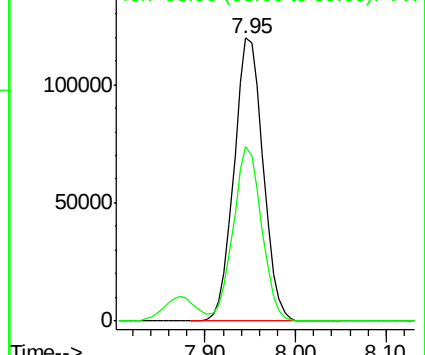
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 8.551 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012125.D

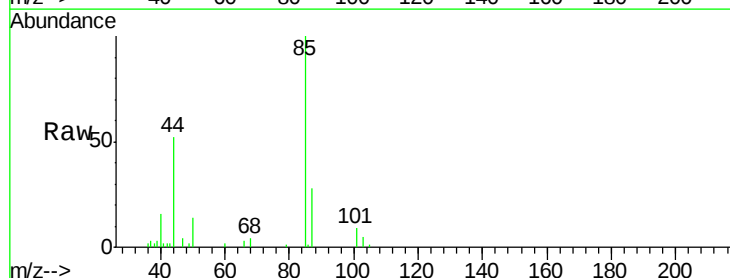
Acq: 23 Aug 2019 10:11

Tgt Ion: 85 Resp: 13996

Ion Ratio Lower Upper

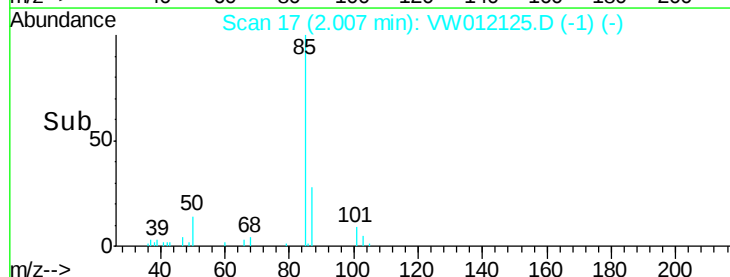
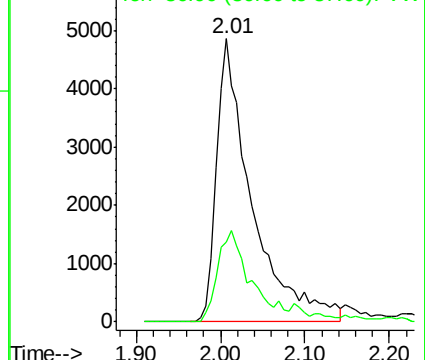
85 100

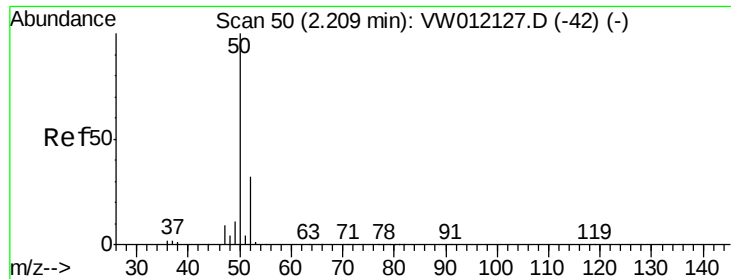
87 28.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 9.457 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 23981

Ion Ratio Lower Upper

50 100

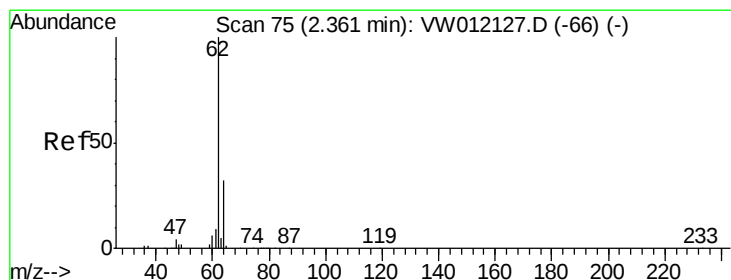
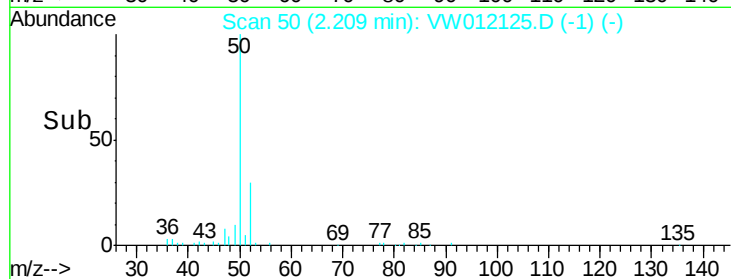
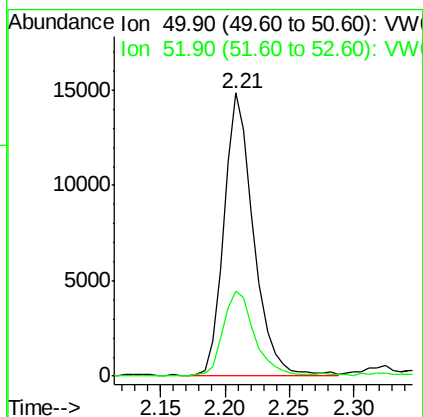
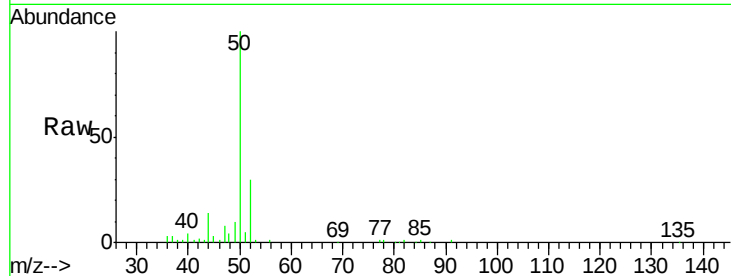
52 29.9 25.5 38.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 9.333 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012125.D

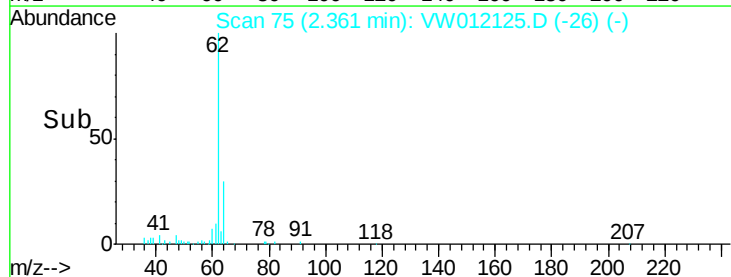
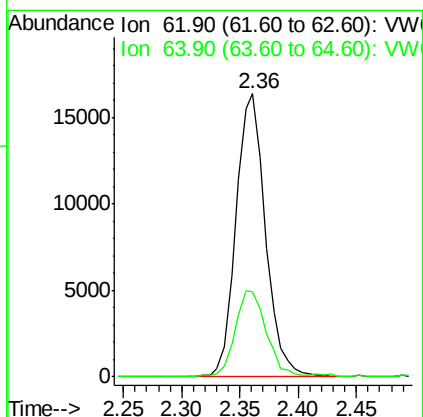
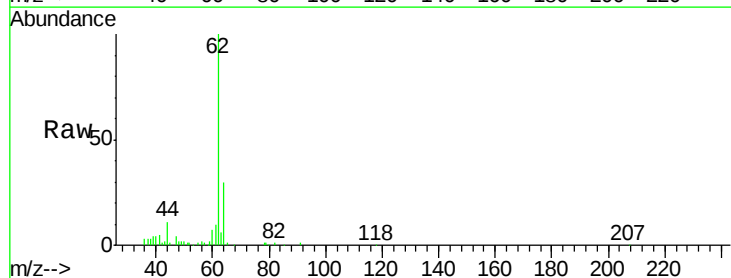
Acq: 23 Aug 2019 10:11

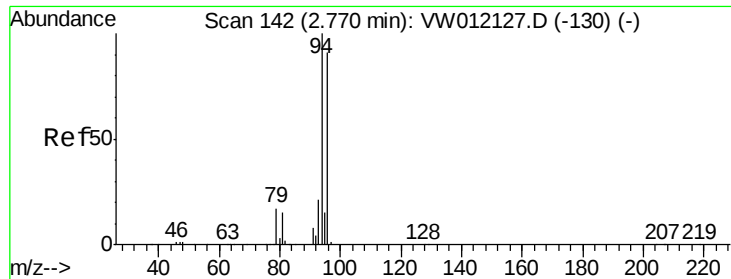
Tgt Ion: 62 Resp: 28967

Ion Ratio Lower Upper

62 100

64 30.0 25.3 37.9





#5

Bromomethane

Concen: 9.503 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

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Tot Ion: 94 Resp: 14938

Ion Ratio Lower Upper

94 100

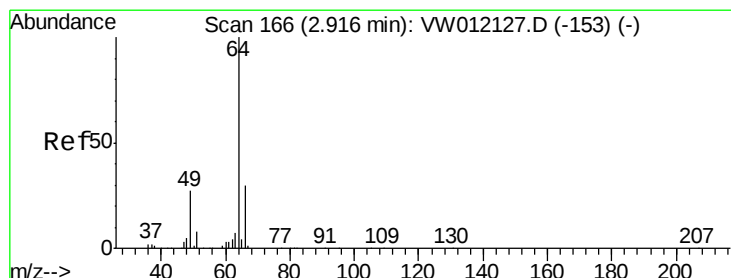
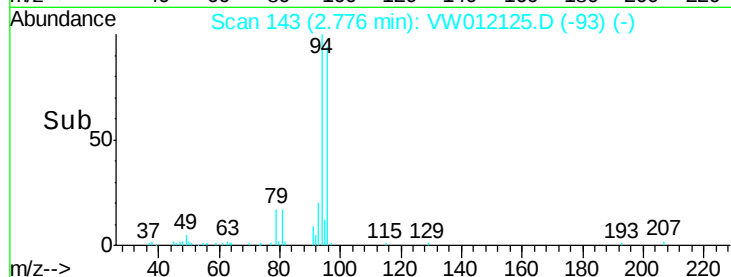
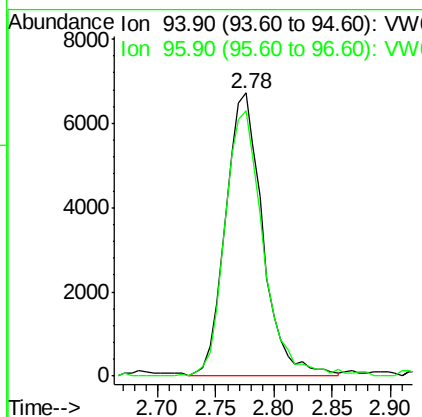
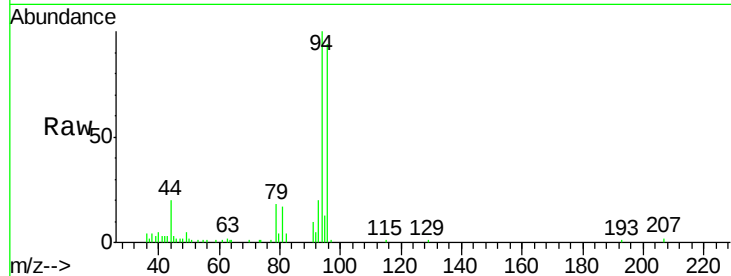
96 94.0 72.9 109.3

Manual Integrations

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#6

Chloroethane

Concen: 9.436 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.01 min

Lab File: VW012125.D

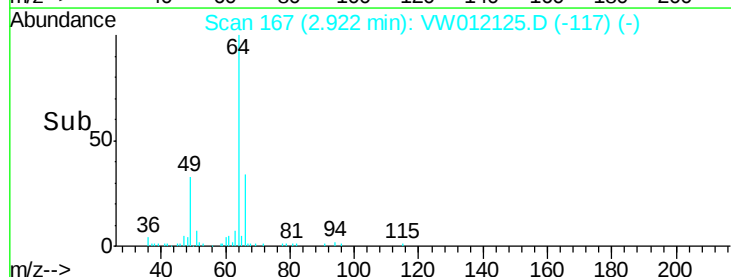
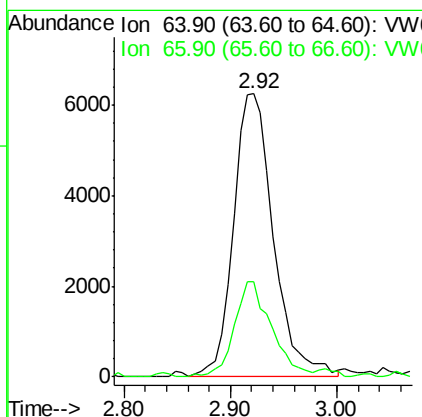
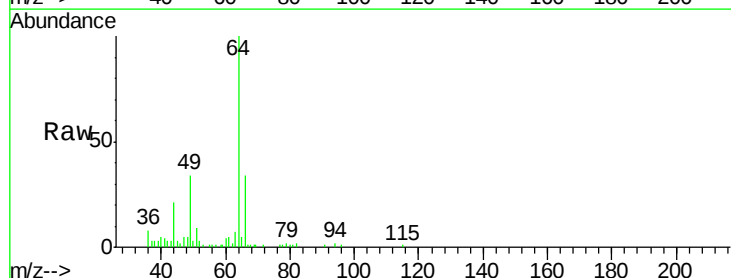
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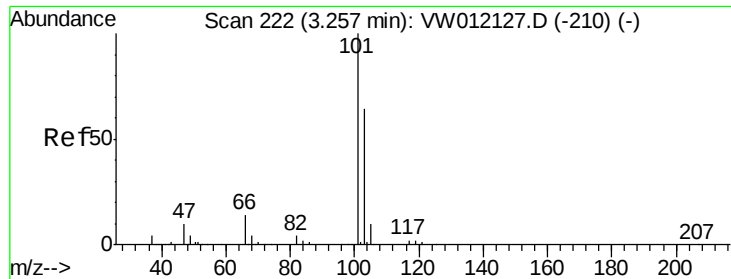
Tgt Ion: 64 Resp: 16522

Ion Ratio Lower Upper

64 100

66 33.8 23.8 35.8





#7

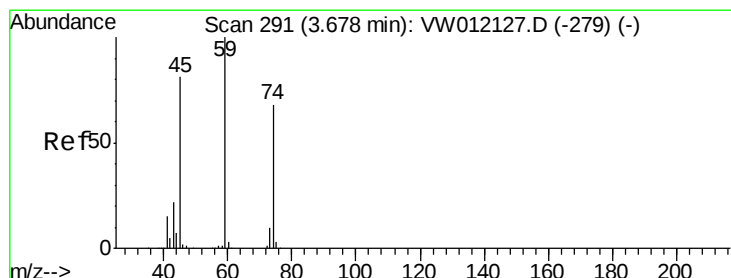
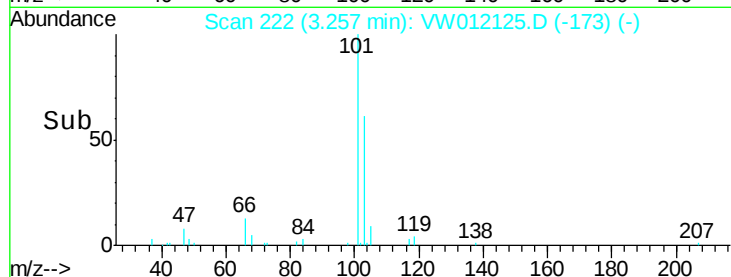
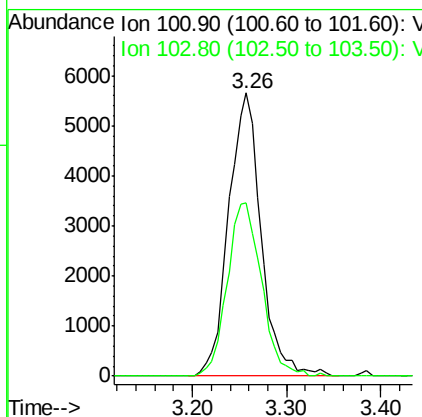
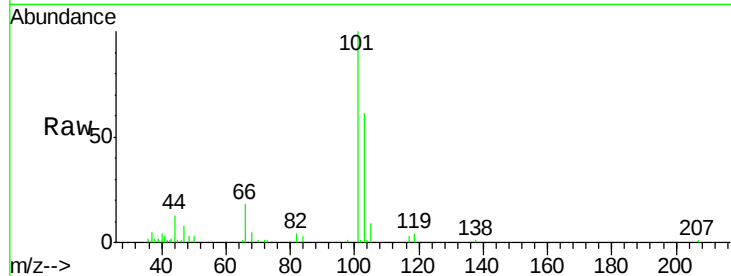
Trichlorofluoromethane
Concen: 8.687 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

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Tot Ion	Ratio	Lower	Upper
101	100		
103	61.1	51.2	76.8

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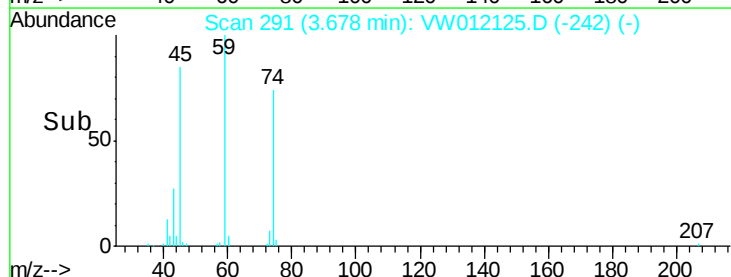
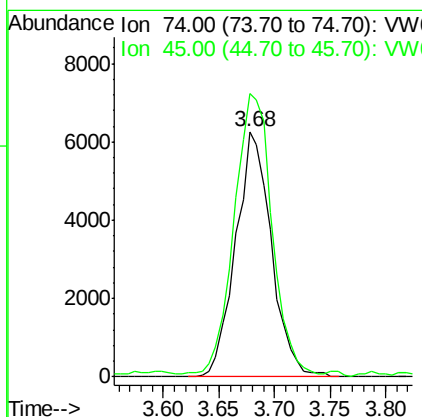
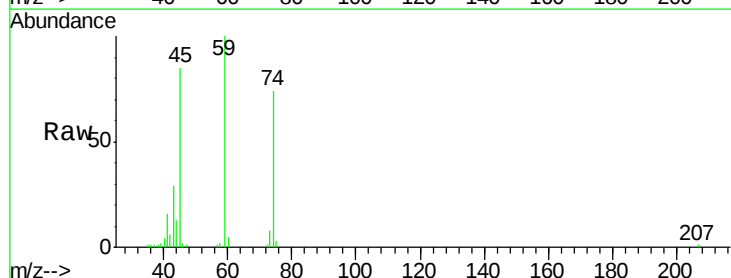
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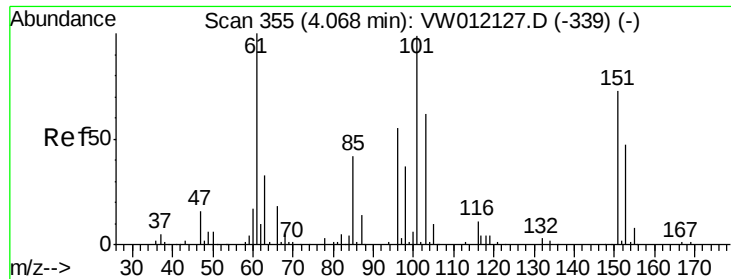


#8

Diethyl Ether
Concen: 9.423 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
74	100		
45	121.6	59.2	177.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.574 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

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MSVOA_W

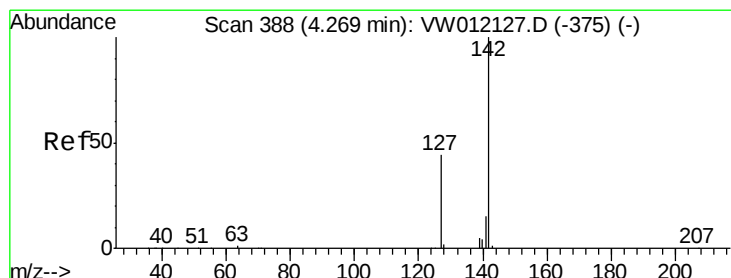
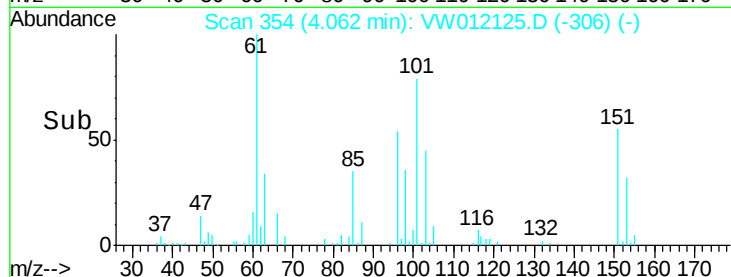
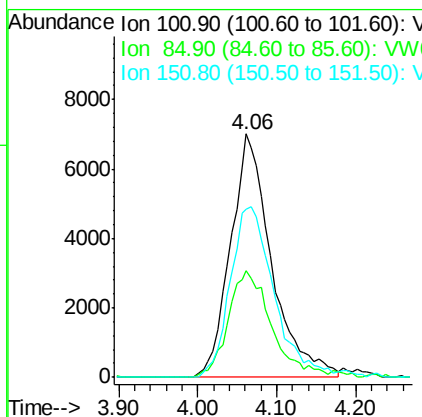
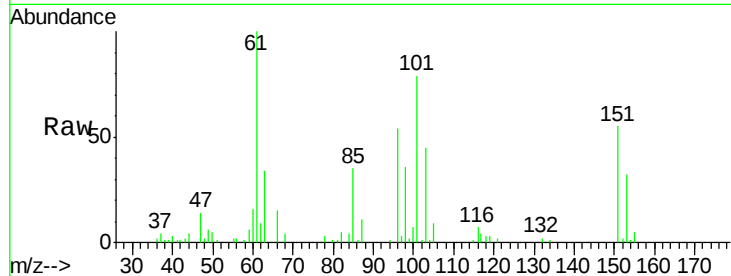
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	25364
Ion Ratio	Lower	Upper	
101	100		
85	45.9	35.8	53.6
151	74.3	58.6	87.8

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#10

Methyl Iodide

Concen: 9.240 ug/l

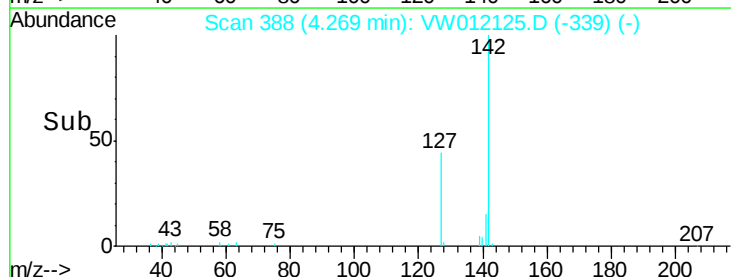
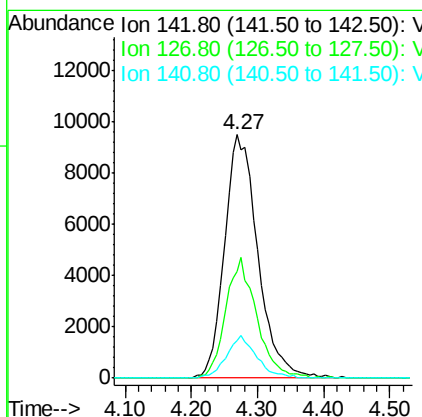
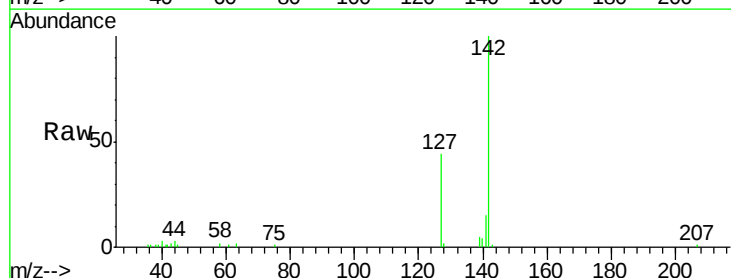
RT: 4.27 min Scan# 388

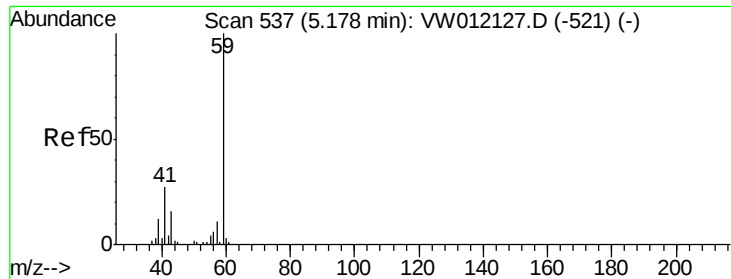
Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion:	142	Resp:	33122
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.5	53.3
141	15.8	11.8	17.8





#11

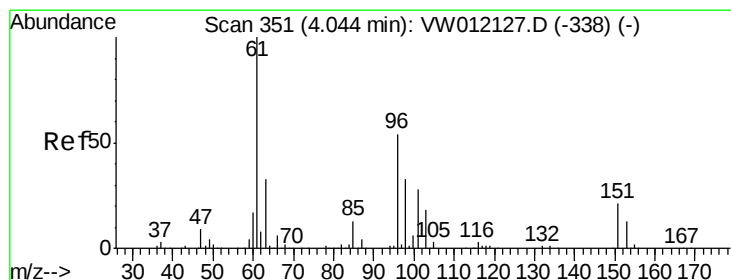
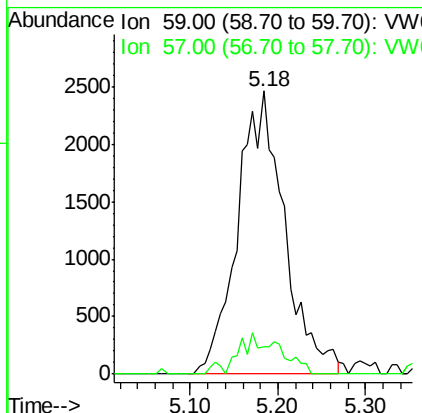
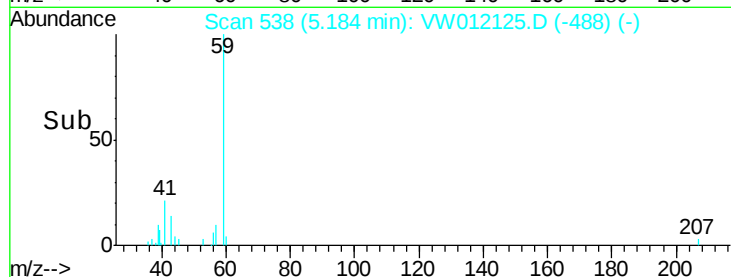
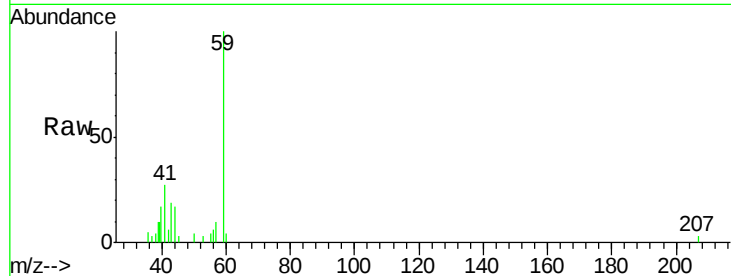
Tert butyl alcohol
Concen: 47.402 ug/l m
RT: 5.18 min Scan# 538
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.5	9.0	13.4#

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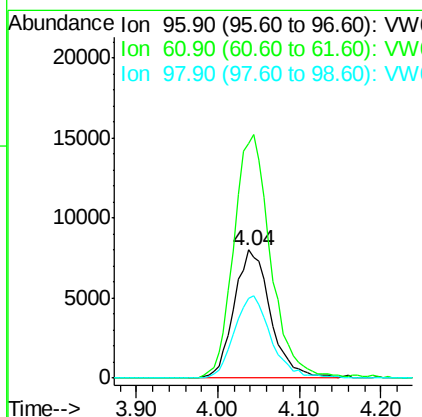
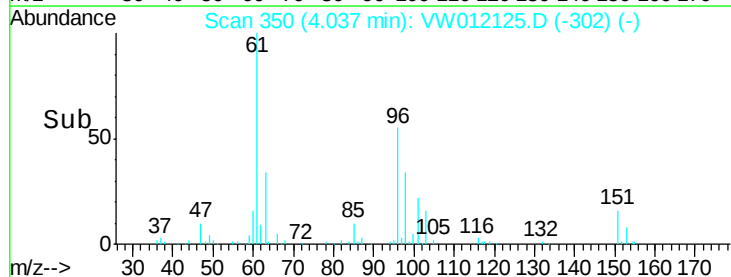
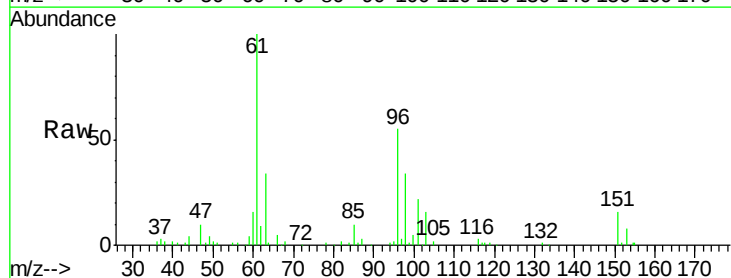
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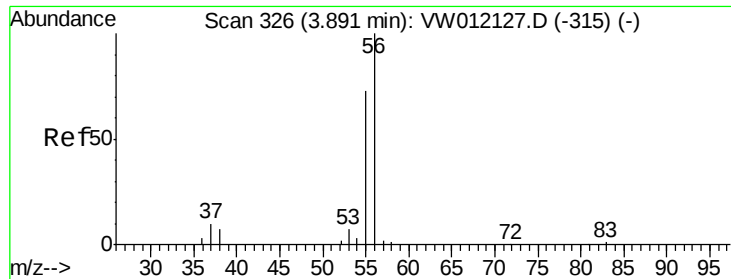


#12

1,1-Dichloroethene
Concen: 9.318 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
96	100		
61	182.6	149.1	223.7
98	61.5	49.4	74.2





#13

Acrolein

Concen: 50.543 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 9048

Ion Ratio Lower Upper

56 100

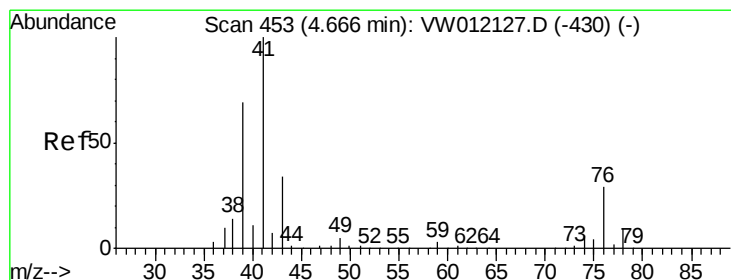
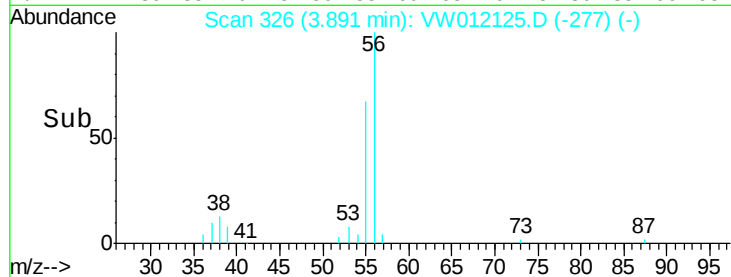
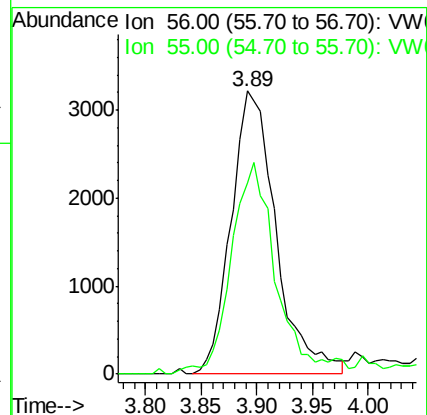
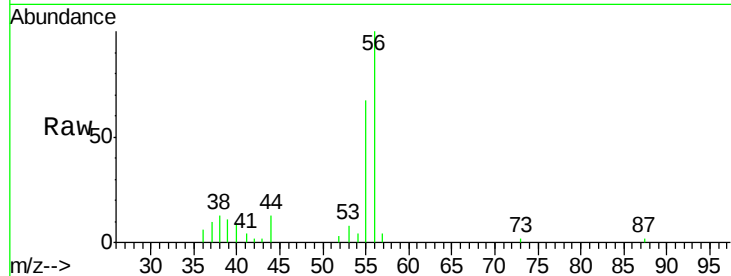
55 72.8 55.8 83.8

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#14

Allyl chloride

Concen: 9.285 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

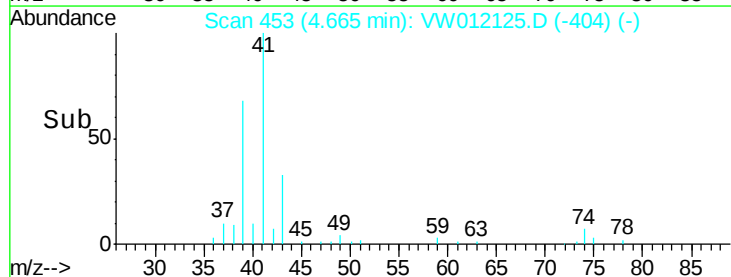
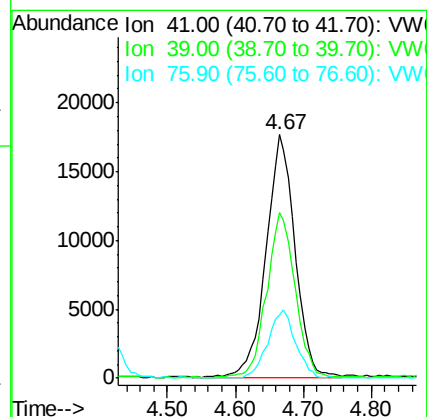
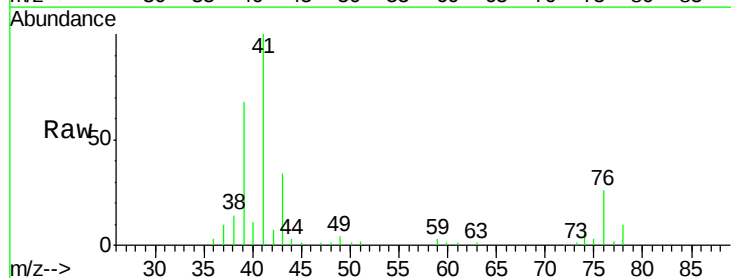
Tgt Ion: 41 Resp: 52929

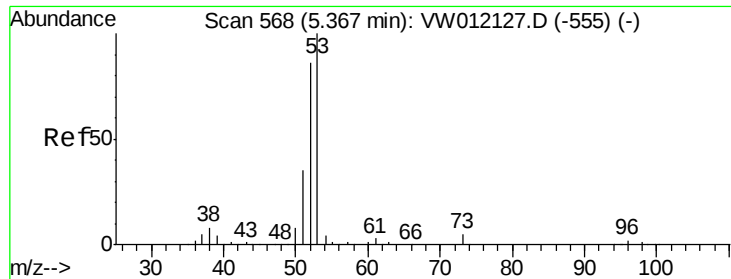
Ion Ratio Lower Upper

41 100

39 66.8 53.4 80.2

76 26.5 22.1 33.1





#15

Acrylonitrile

Concen: 46.998 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

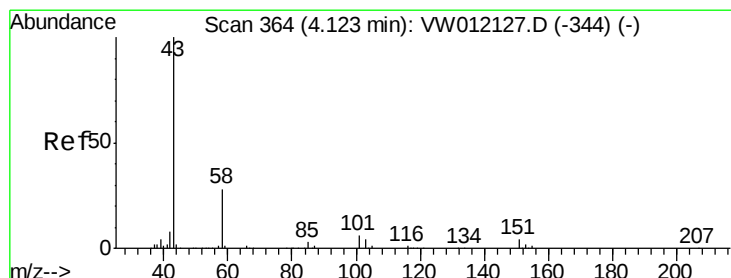
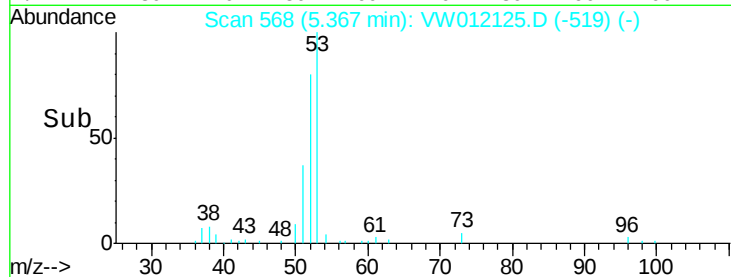
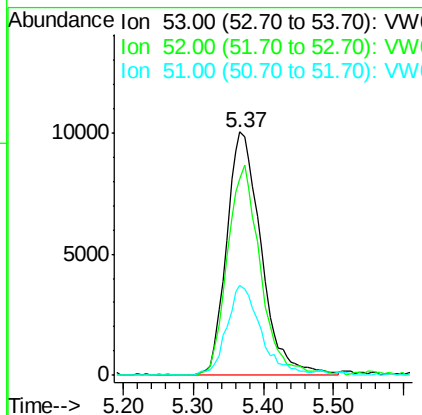
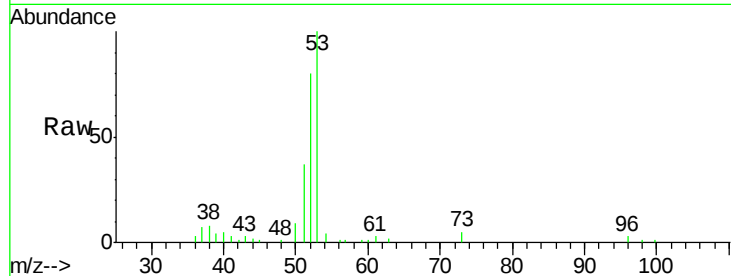
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	34462
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	36.5	30.1	45.1

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#16

Acetone

Concen: 42.419 ug/l

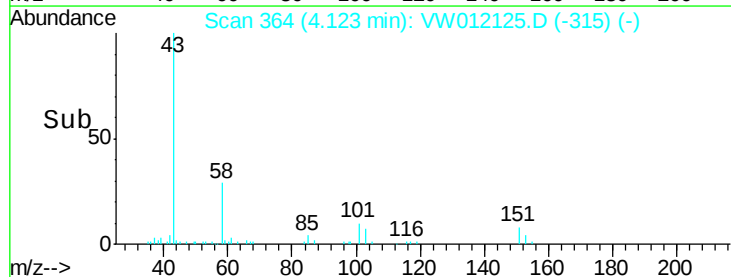
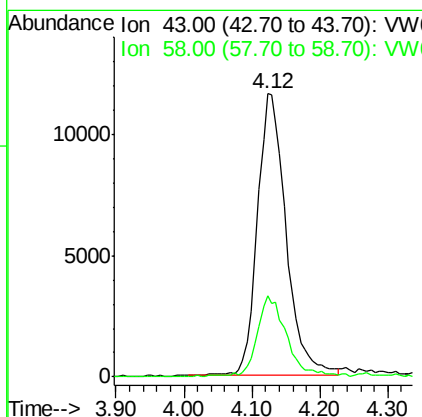
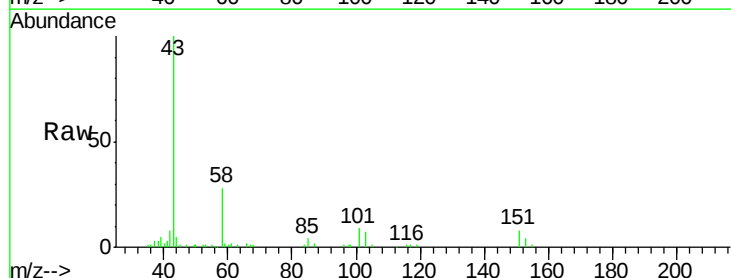
RT: 4.12 min Scan# 364

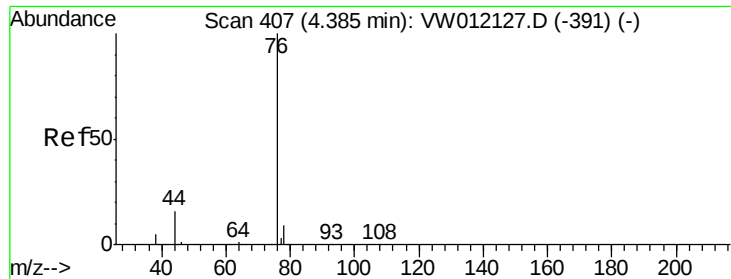
Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion:	43	Resp:	34266
Ion	Ratio	Lower	Upper
43	100		
58	28.7	22.4	33.6





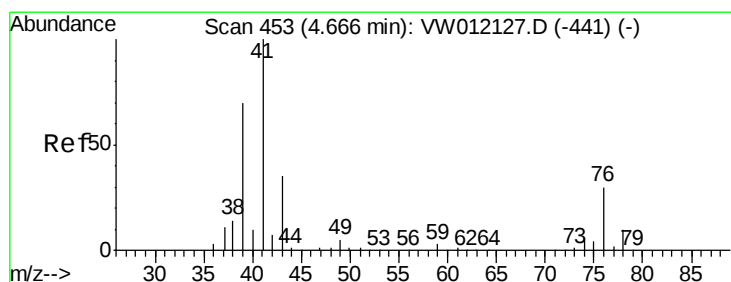
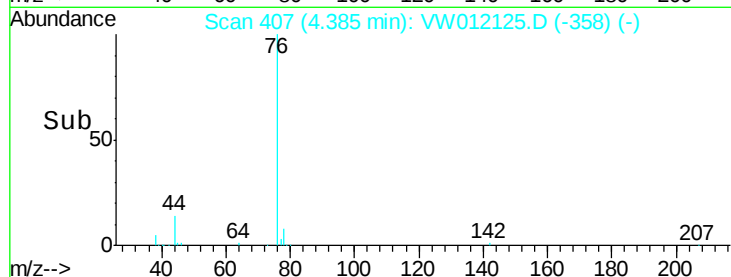
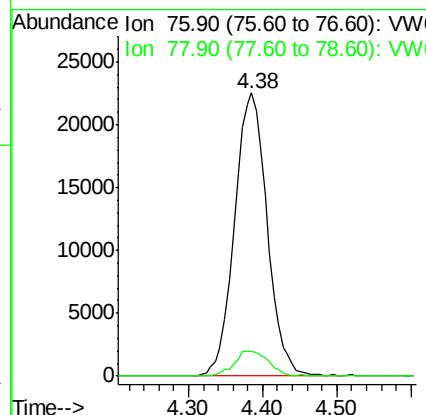
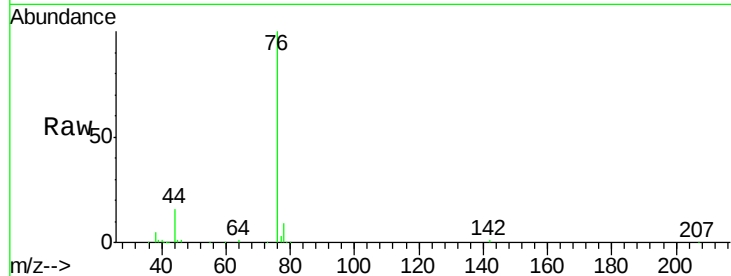
#17
Carbon Disulfide
Concen: 8.577 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

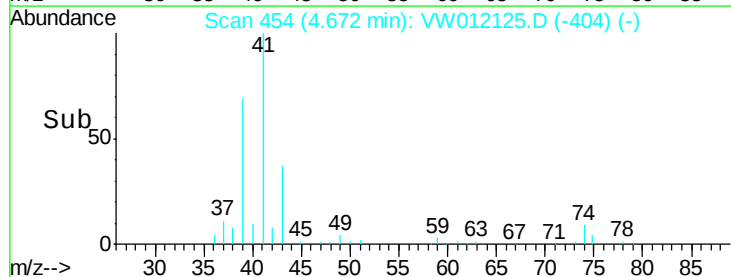
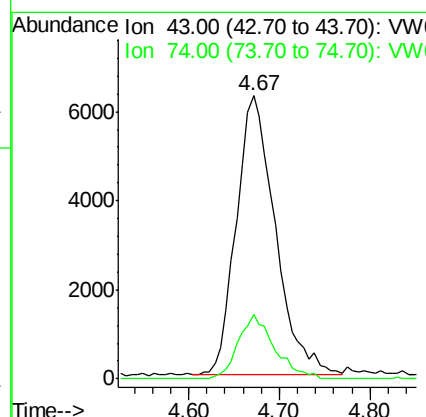
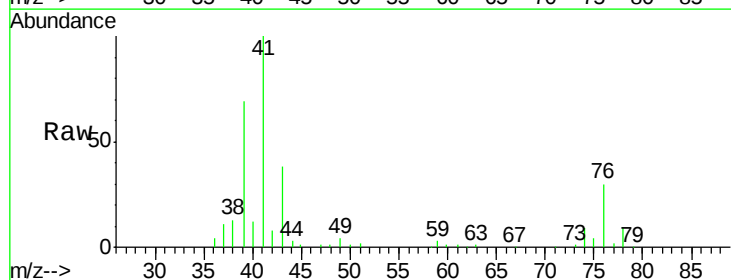
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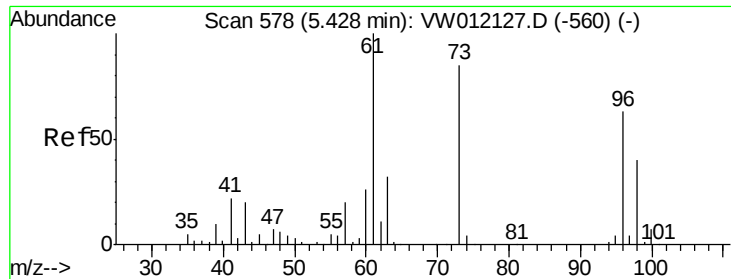
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#18
Methyl Acetate
Concen: 9.328 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.4	15.7	23.5





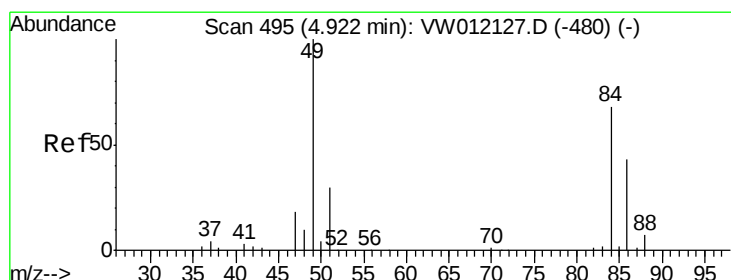
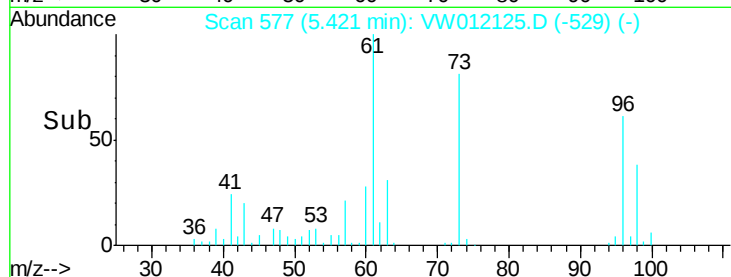
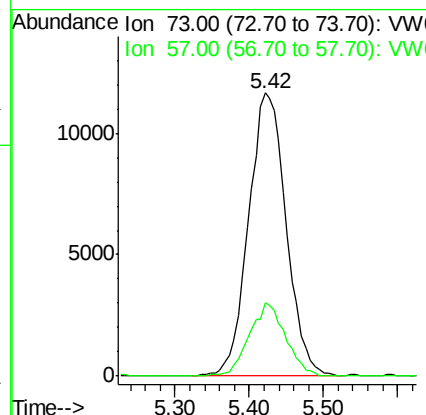
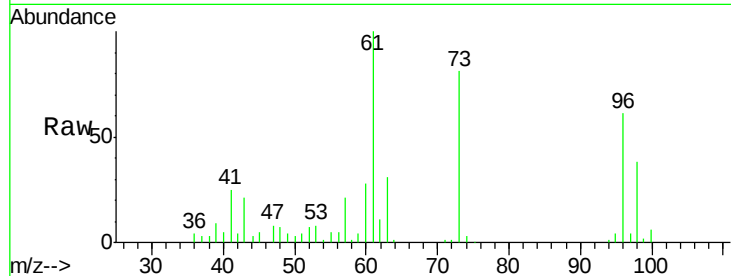
#19
Methvl tert-butvl Ether
Concen: 9.561 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 73 Resp: 41228
Ion Ratio Lower Upper
73 100
57 26.1 18.9 28.3

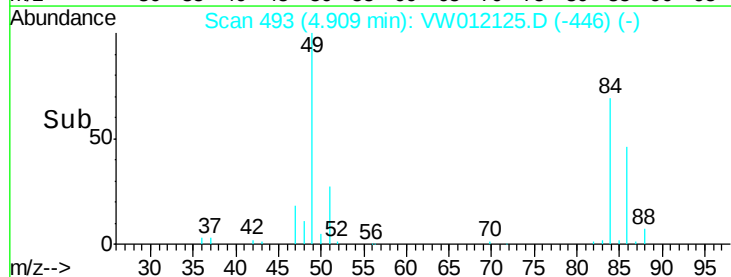
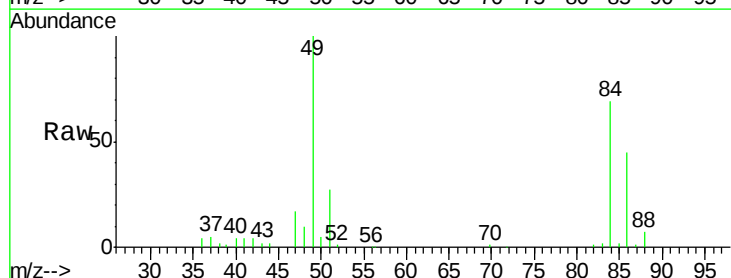
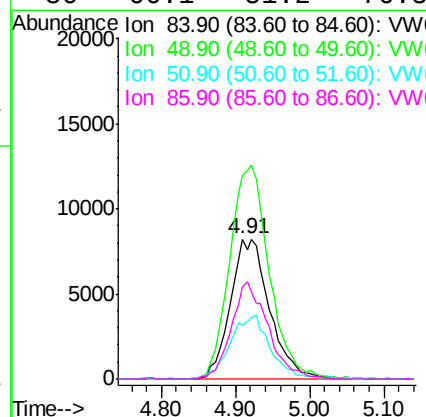
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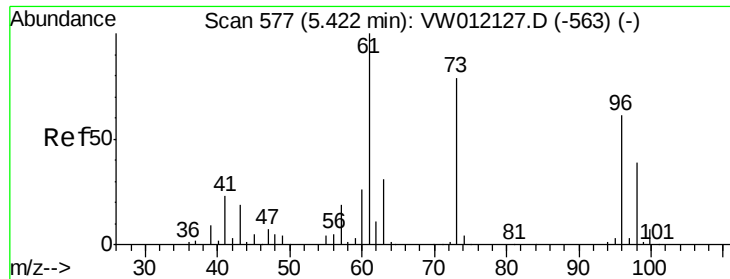
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#20
Methylene Chloride
Concen: 9.890 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion: 84 Resp: 30202
Ion Ratio Lower Upper
84 100
49 144.7 117.8 176.8
51 38.9 35.6 53.4
86 66.1 51.2 76.8





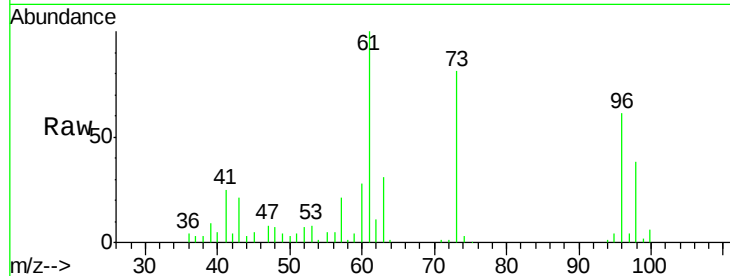
#21
trans-1,2-Dichloroethene
Concen: 9.374 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.7	131.4	197.0
98	63.1	51.4	77.0

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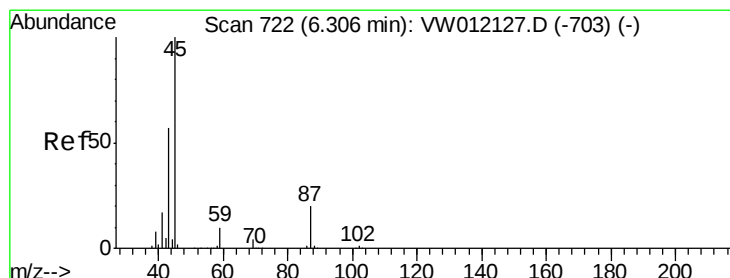
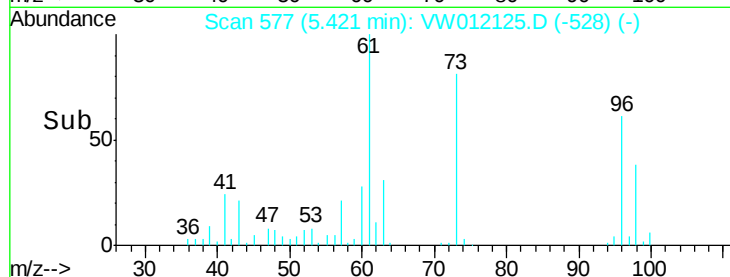
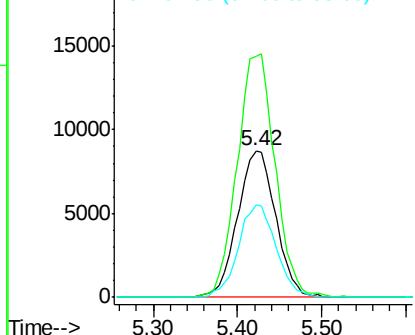


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22
Diisopropyl ether
Concen: 9.796 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
45	100		
43	59.2	45.5	68.3
87	23.3	16.1	24.1
59	10.1	8.2	12.2

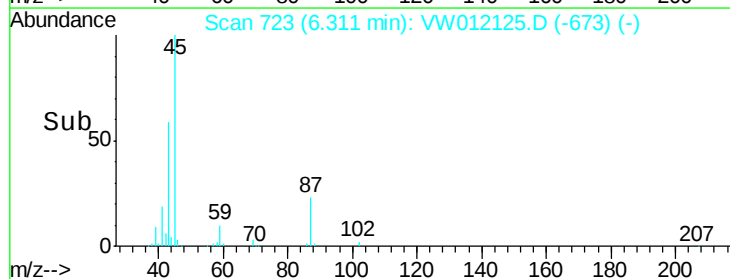
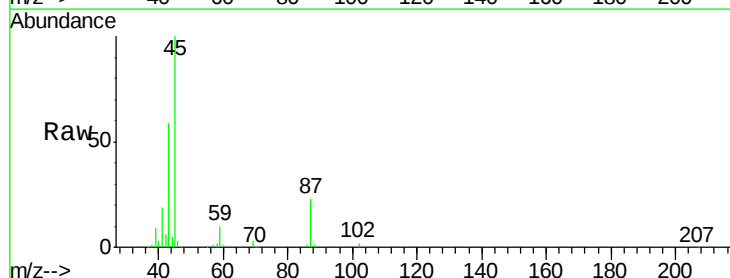
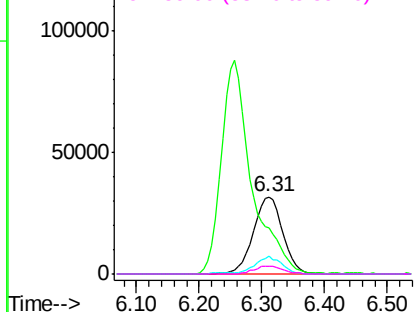
Abundance

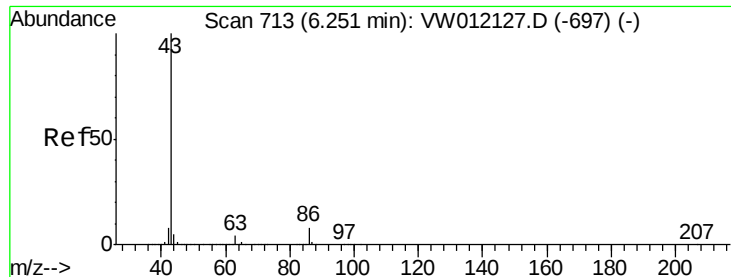
Ion 45.00 (44.70 to 45.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 45.419 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 295342

Ion Ratio Lower Upper

43 100

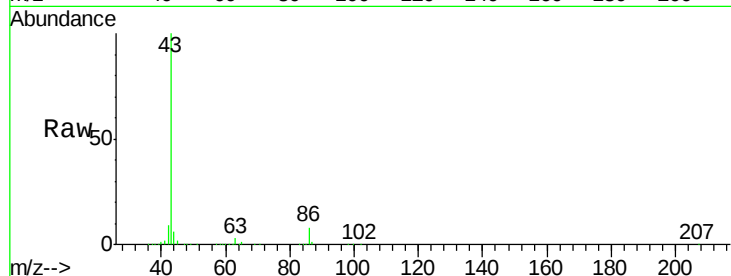
86 7.8 6.5 9.7

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

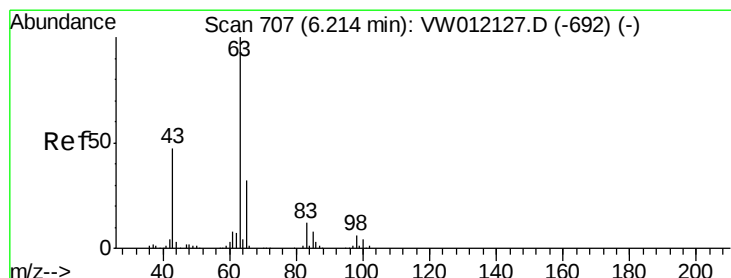
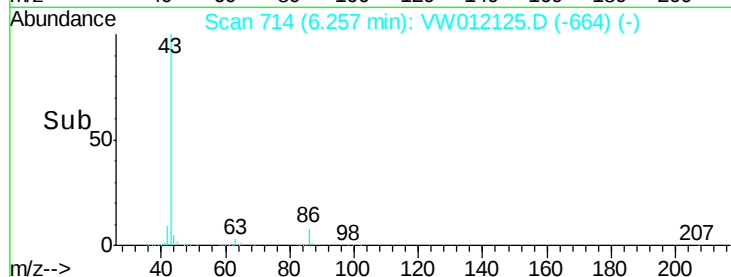
60000

40000

20000

0

Time--> 6.10 6.20 6.30 6.40



#24

1,1-Dichloroethane

Concen: 9.678 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

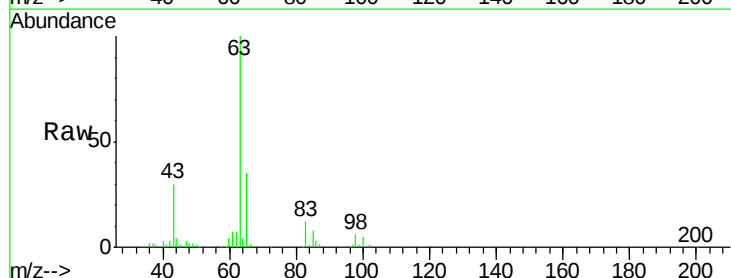
Tgt Ion: 63 Resp: 55681

Ion Ratio Lower Upper

63 100

98 5.8 3.0 9.2

100 4.5 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

25000

20000

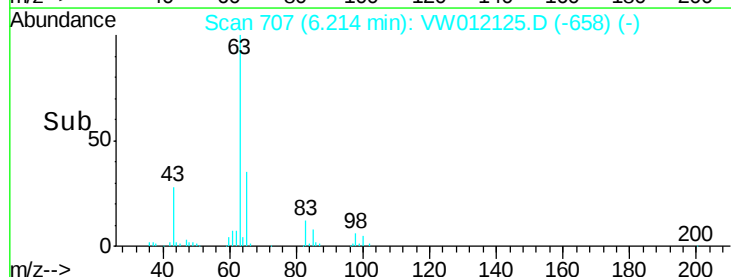
15000

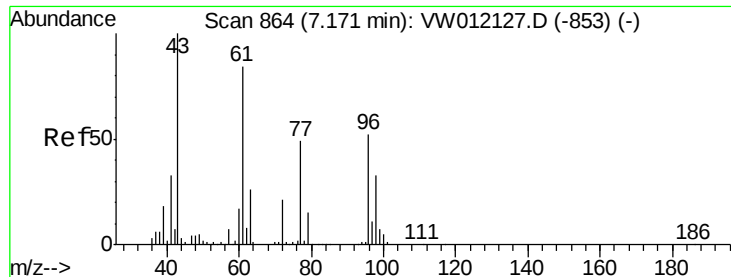
10000

5000

0

Time--> 6.10 6.20 6.30





#25

2-Butanone

Concen: 45.039 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 49439

Ion Ratio Lower Upper

43 100

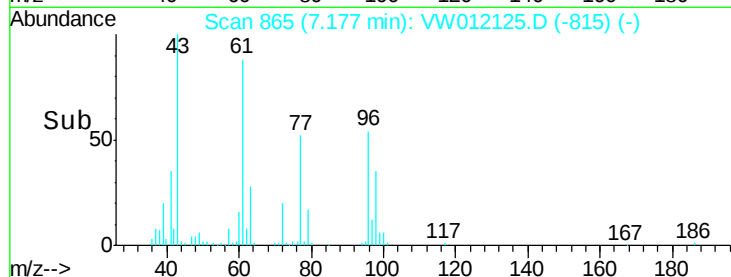
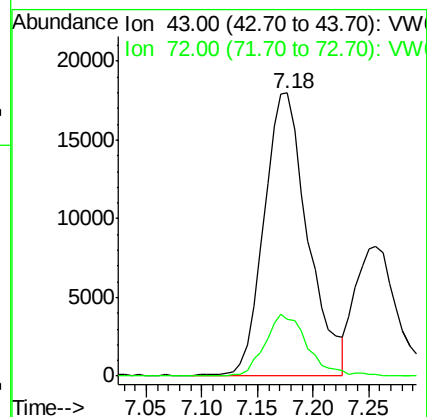
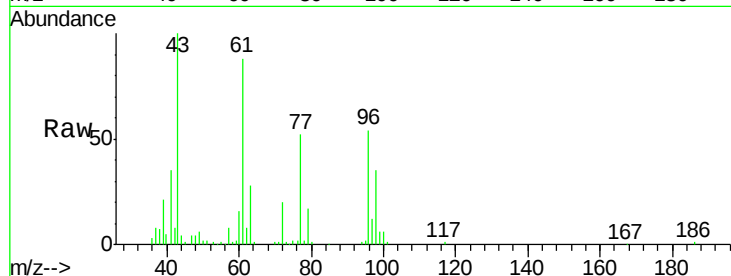
72 20.3 16.6 24.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 9.749 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012125.D

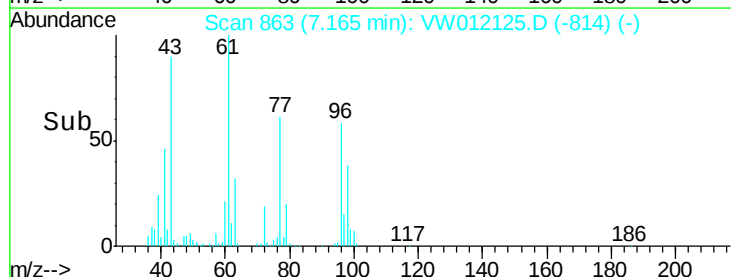
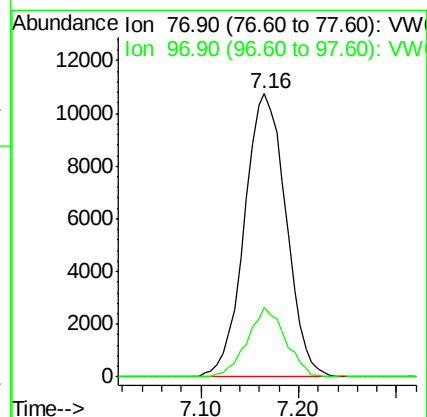
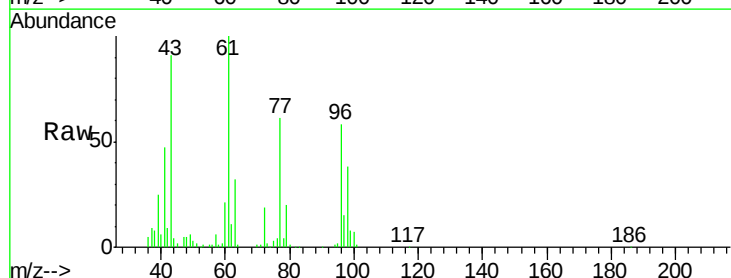
Acq: 23 Aug 2019 10:11

Tgt Ion: 77 Resp: 31746

Ion Ratio Lower Upper

77 100

97 22.5 11.1 33.1





#27

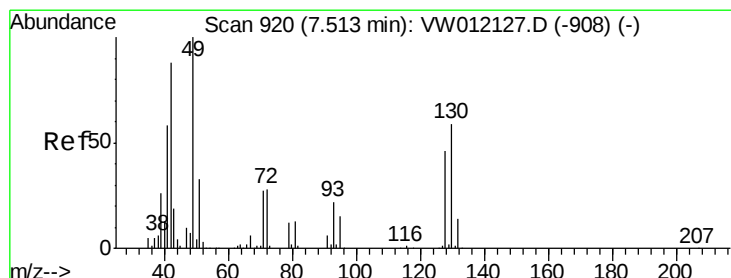
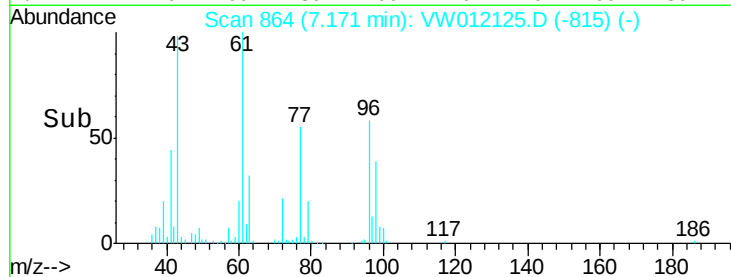
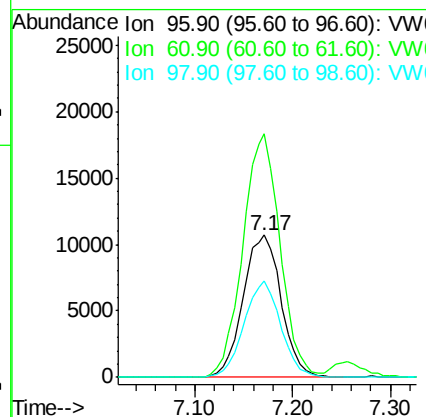
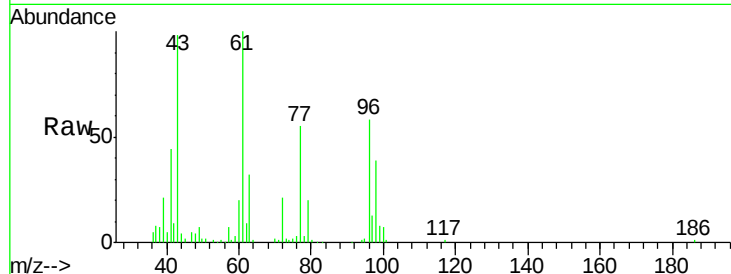
cis-1,2-Dichloroethene
 Concen: 9.511 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
96	100	29055		
61	166.1	0.0	326.6	
98	64.9	0.0	127.4	

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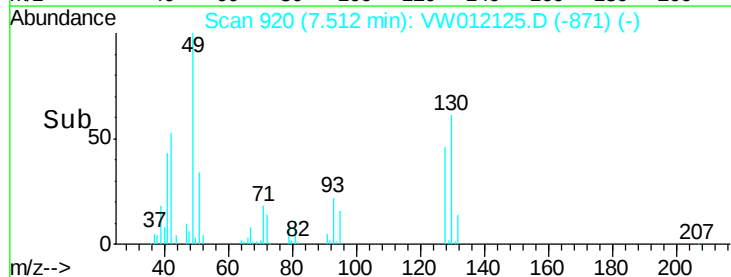
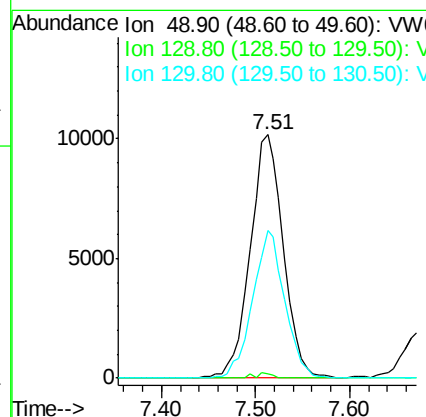
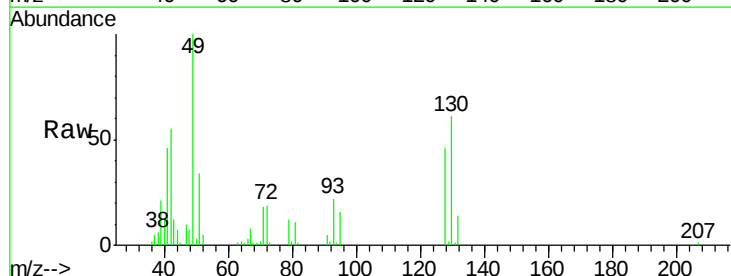
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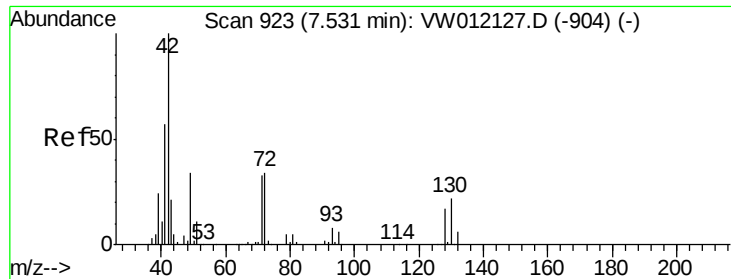


#28

Bromochloromethane
 Concen: 9.967 ug/l
 RT: 7.51 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	24993		
129	1.1	0.0	1.4	
130	59.0	45.5	68.3	





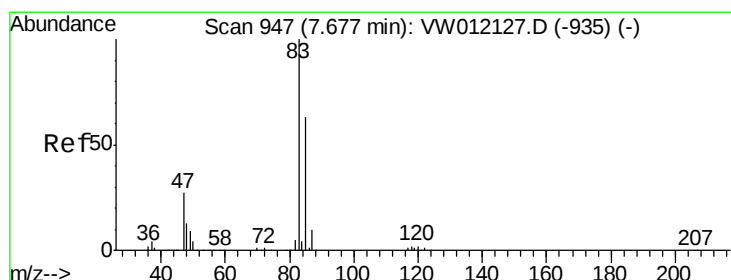
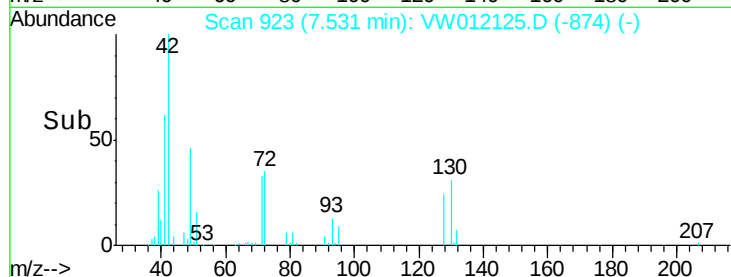
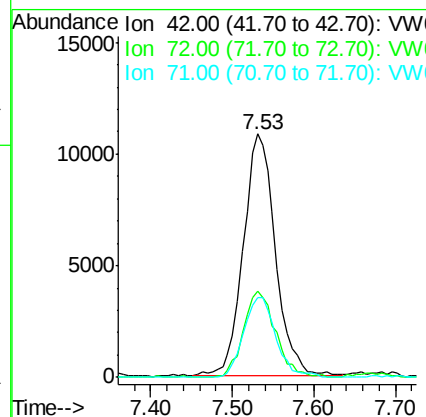
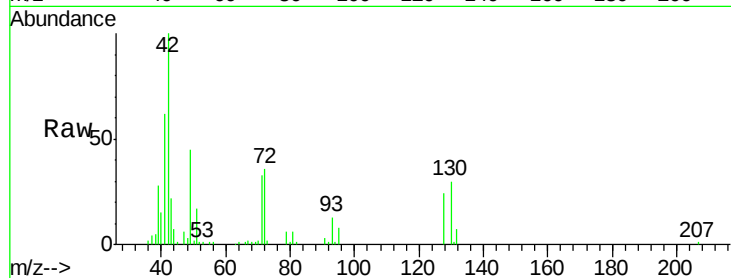
#29
Tetrahydrofuran
Concen: 45.131 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.5	27.3	40.9
71	33.0	25.5	38.3

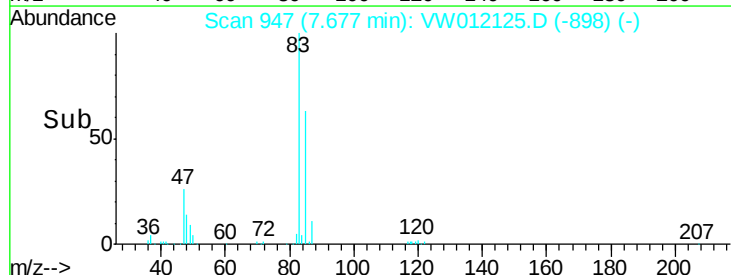
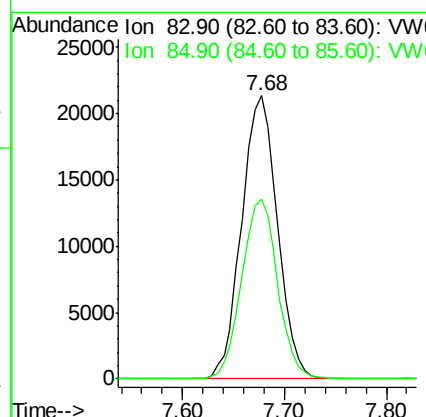
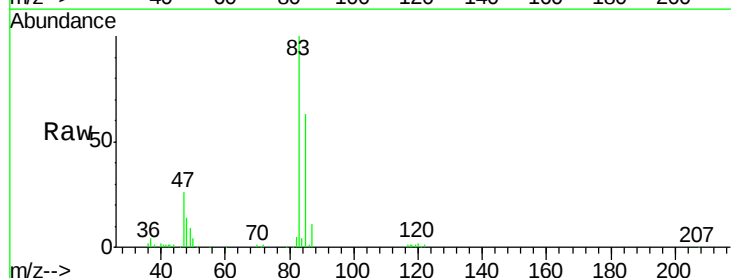
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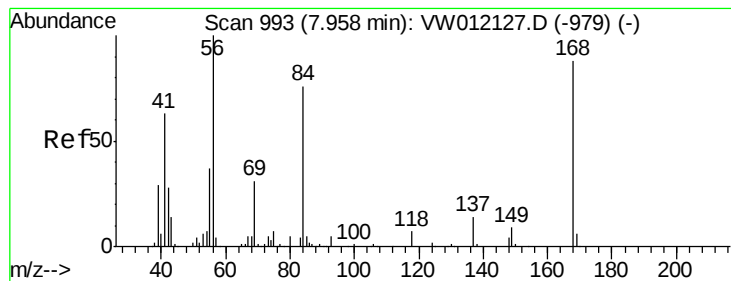
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#30
Chloroform
Concen: 9.892 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.6	76.0





#31

Cyclohexane

Concen: 9.748 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

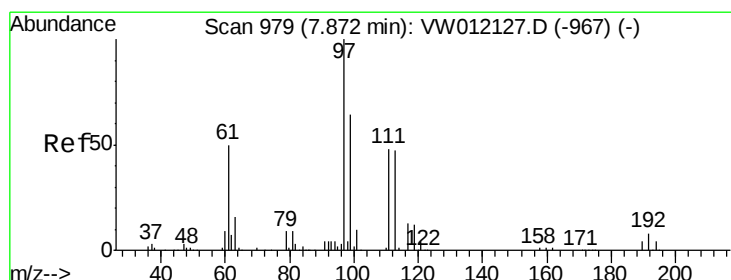
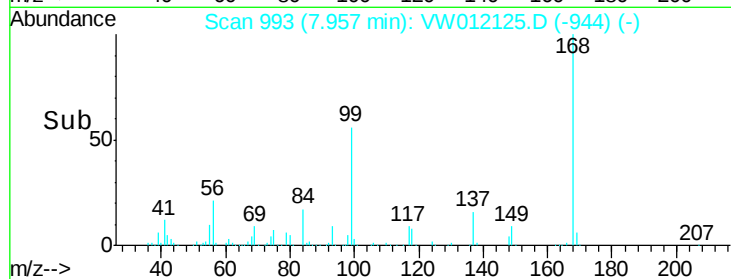
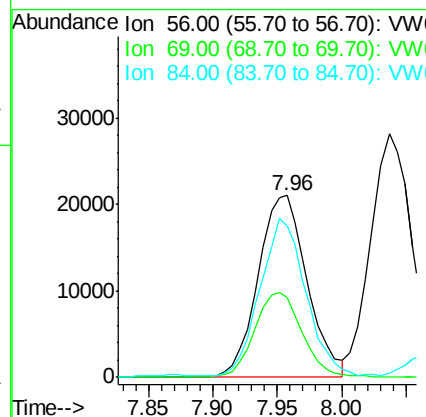
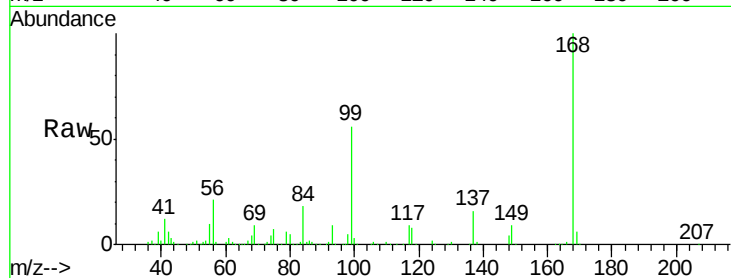
ClientSampled :

VSTDIC010

Tot Ion:	56	Resp:	55483
Ion Ratio	Lower	Upper	
56	100		
69	43.7	24.9	37.3#
84	82.4	60.6	90.8

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#32

1,1,1-Trichloroethane

Concen: 9.589 ug/l

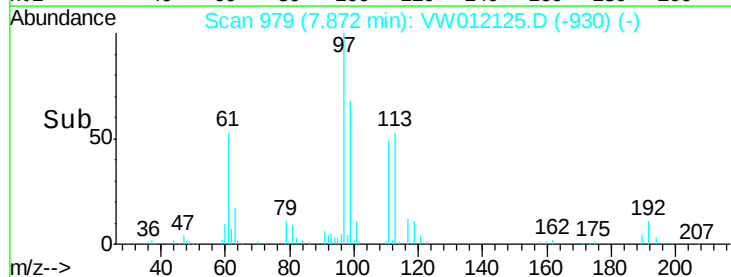
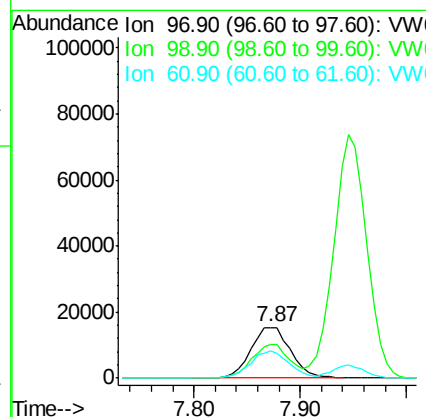
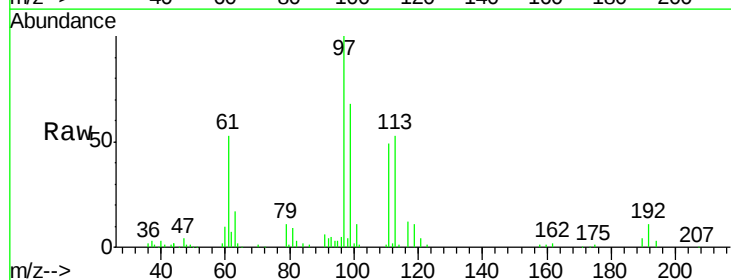
RT: 7.87 min Scan# 979

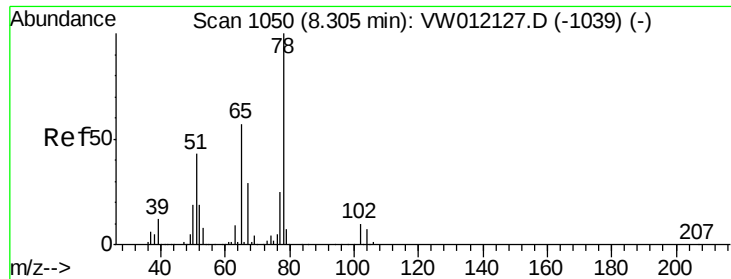
Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion:	97	Resp:	39929
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.4	77.0
61	52.5	39.5	59.3





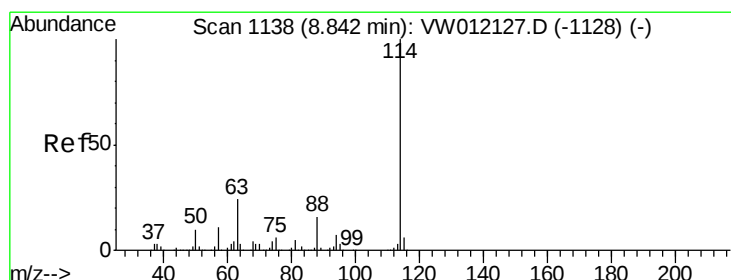
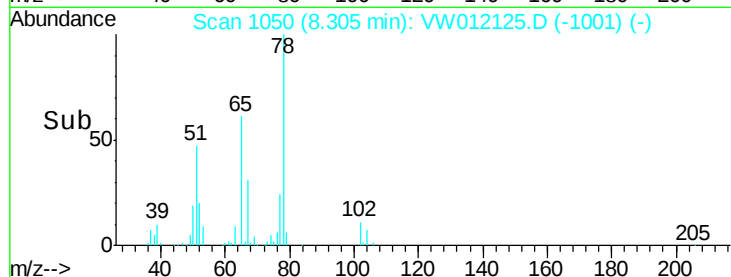
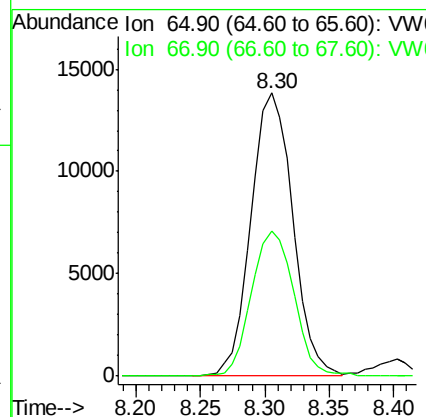
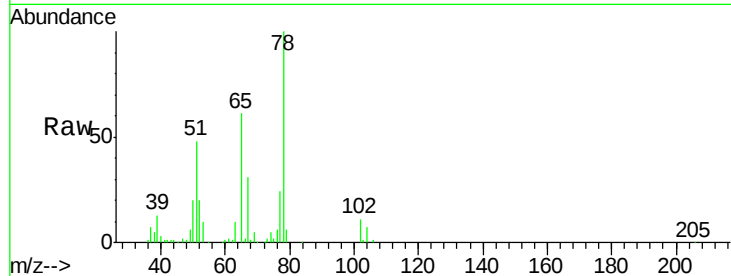
#33
 1,2-Dichloroethane-d4
 Concen: 9.851 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	31131		
67	52.2	0.0	102.6	

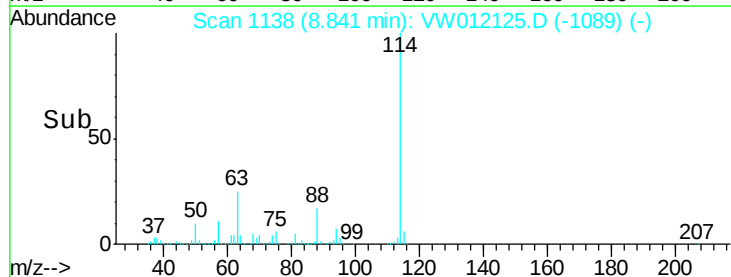
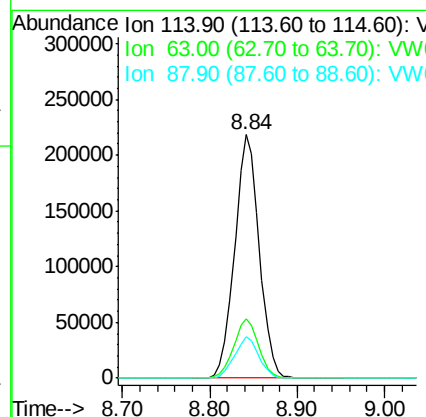
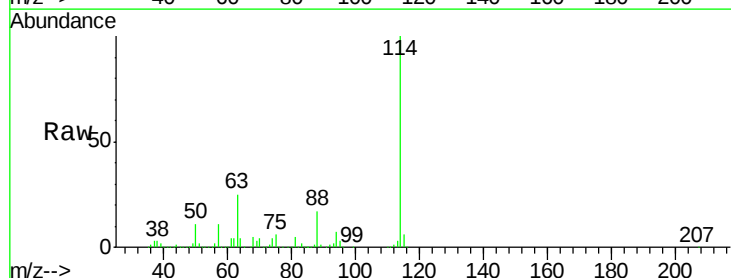
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	425057		
63	24.6	0.0	48.6	
88	17.0	0.0	32.2	





#35

Dibromofluoromethane

Concen: 10.037 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

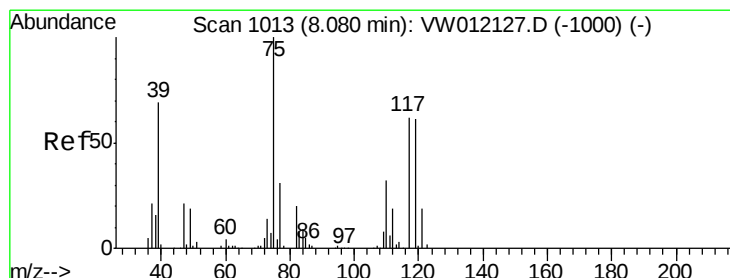
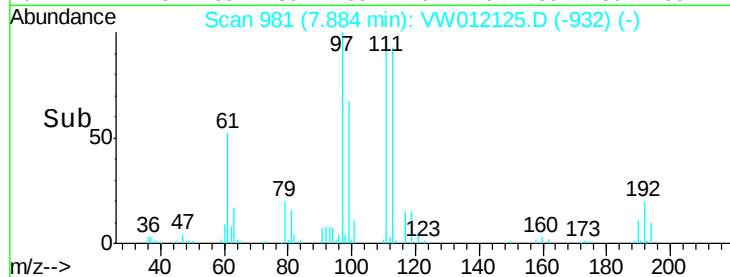
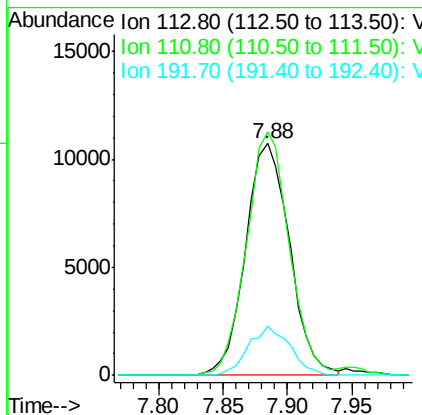
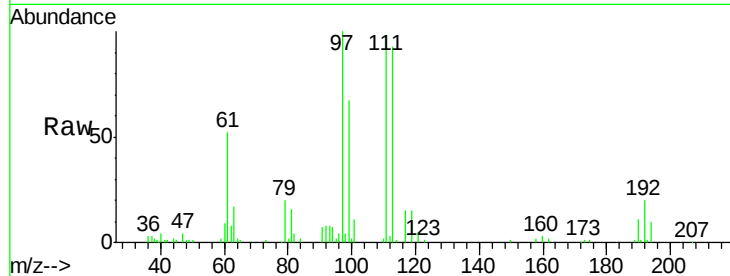
ClientSampleId :

VSTDIC010

Tot Ion:	113	Resp:	25466
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.7	124.1
192	20.0	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 9.555 ug/l

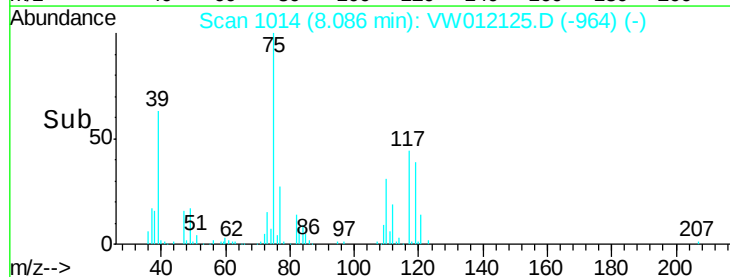
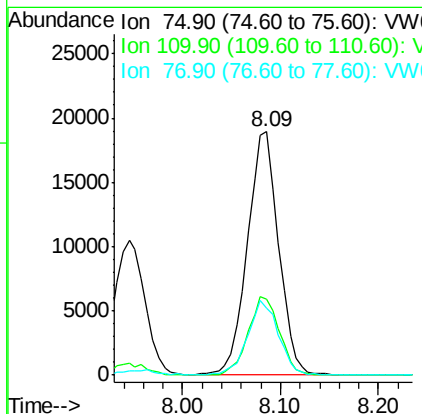
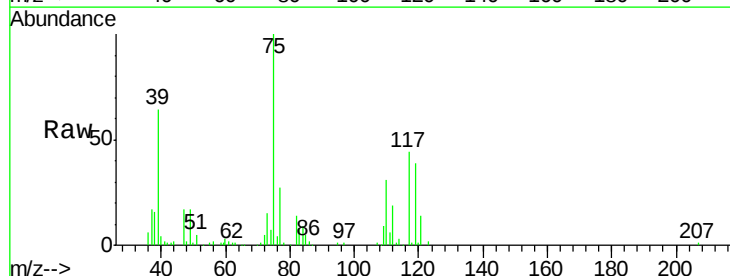
RT: 8.09 min Scan# 1014

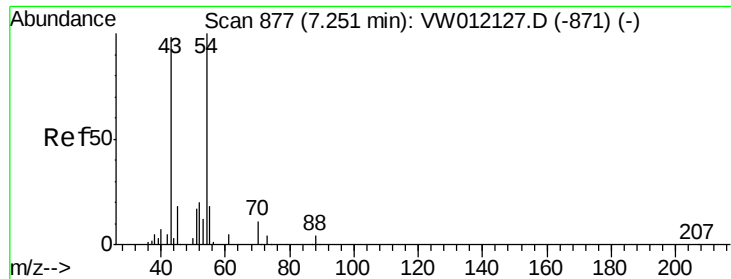
Delta R.T. 0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion:	75	Resp:	41970
Ion	Ratio	Lower	Upper
75	100		
110	32.0	15.6	46.8
77	30.2	24.6	36.8





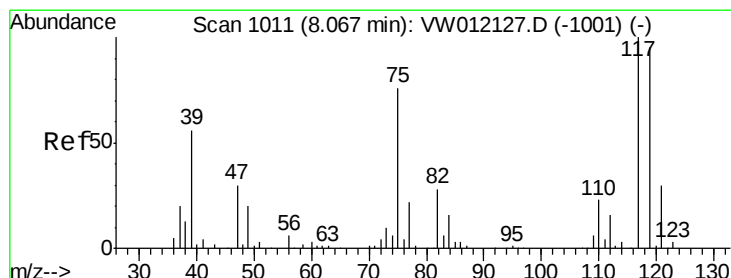
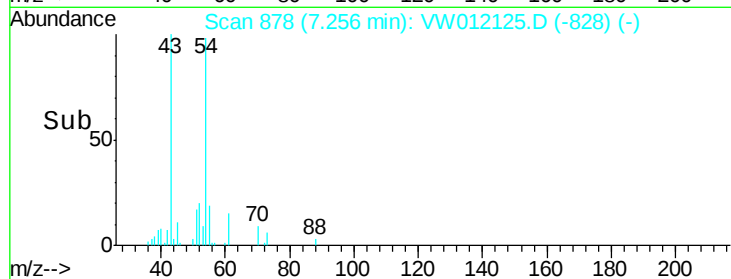
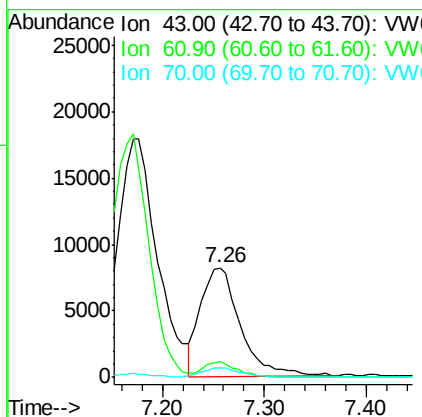
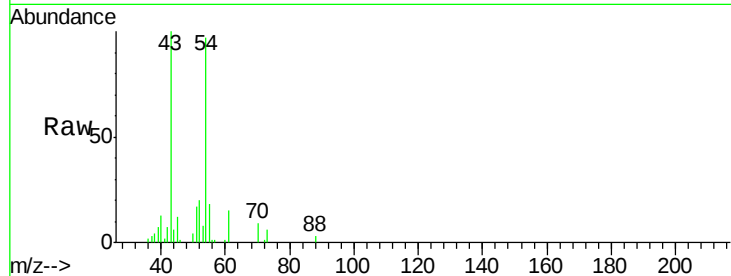
#37
Ethyl Acetate
Concen: 9.194 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.2	13.8
70	8.5	6.9	10.3

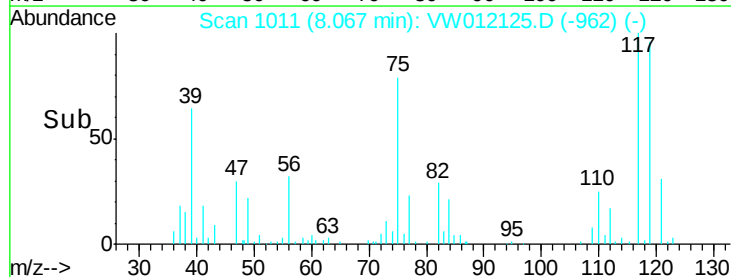
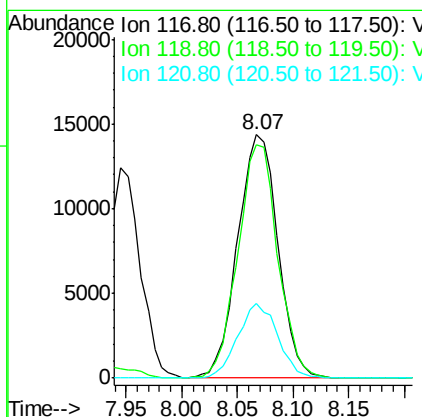
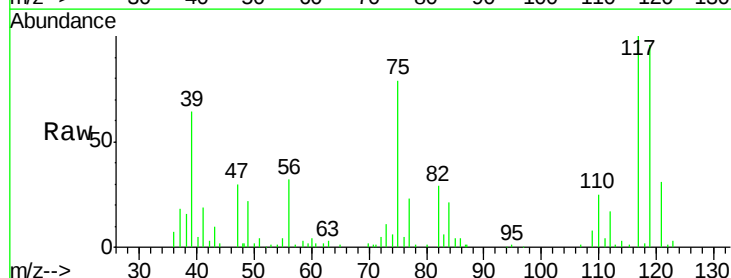
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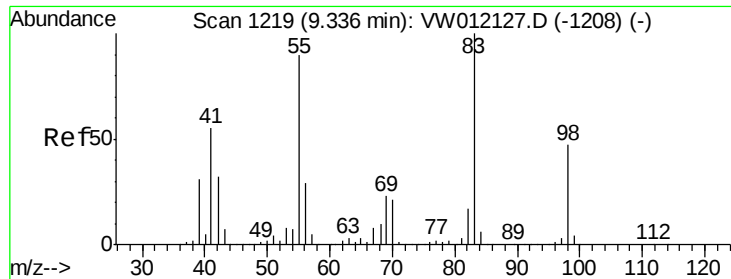
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#38
Carbon Tetrachloride
Concen: 9.502 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.2	114.2
121	30.8	23.8	35.8





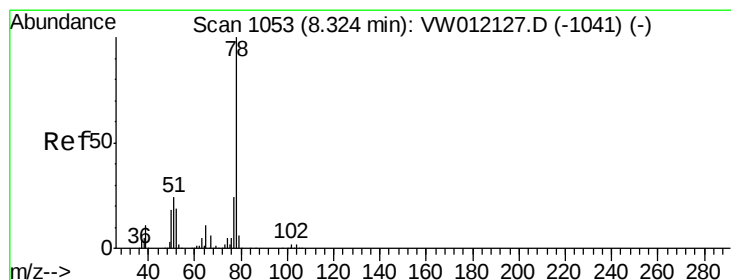
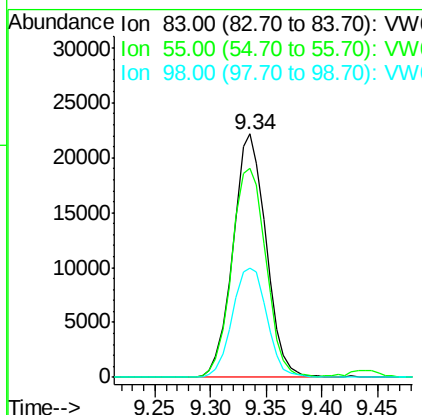
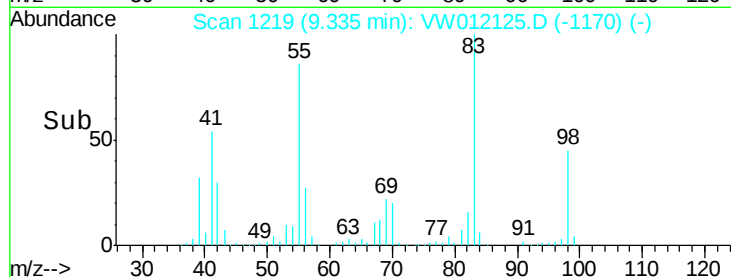
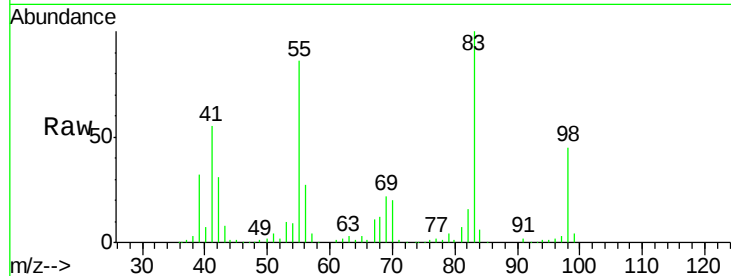
#39
Methvlcvclohexane
Concen: 9.226 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.9	71.8	107.8
98	45.1	37.8	56.8

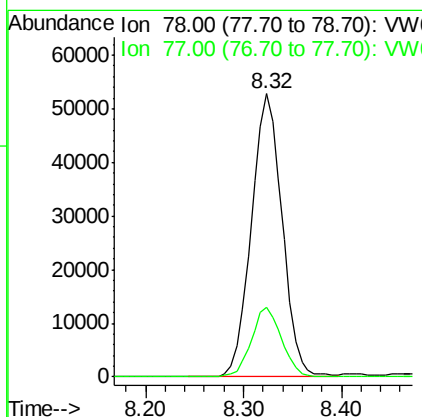
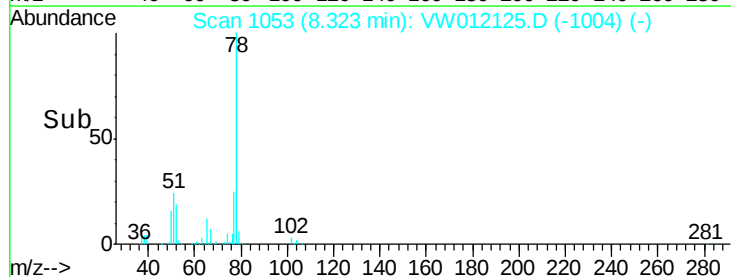
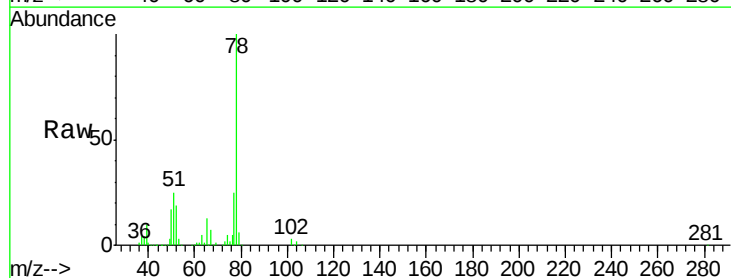
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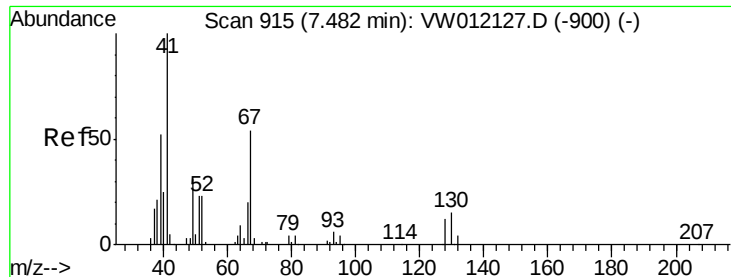
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#40
Benzene
Concen: 9.670 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.5	29.3





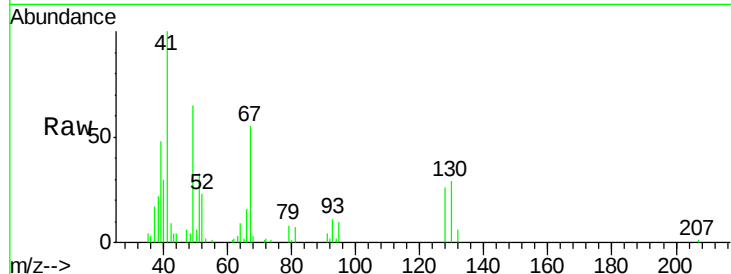
#41
Methacrylonitrile
Concen: 9.731 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

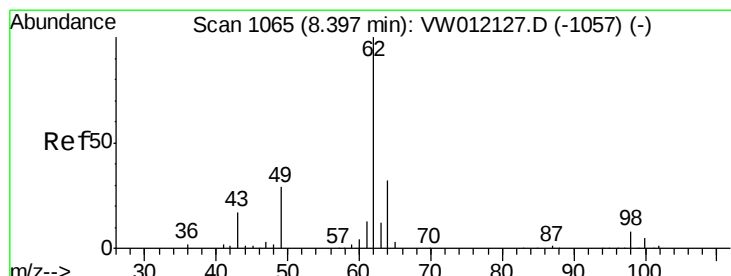
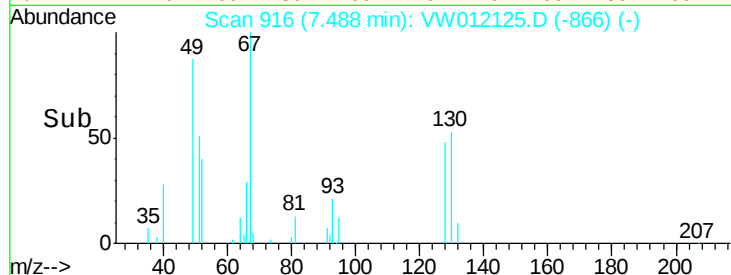
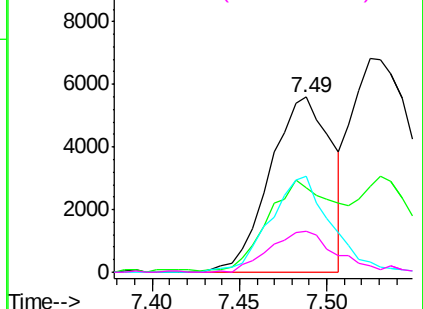
Tot Ion	41	Resp	13766
Ion	Ratio	Lower	Upper
41	100		
39	58.9	45.8	68.8
67	54.5	46.2	69.4
52	25.9	21.0	31.6

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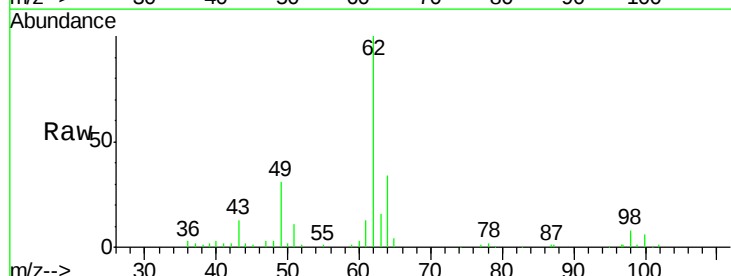


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

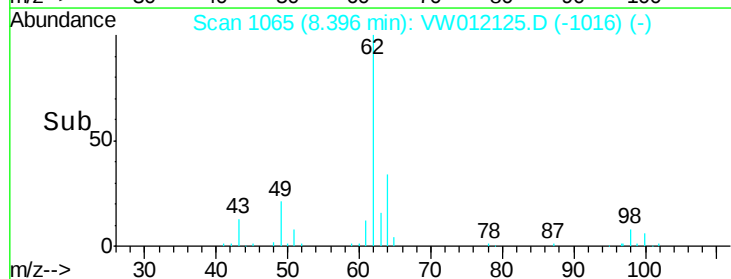
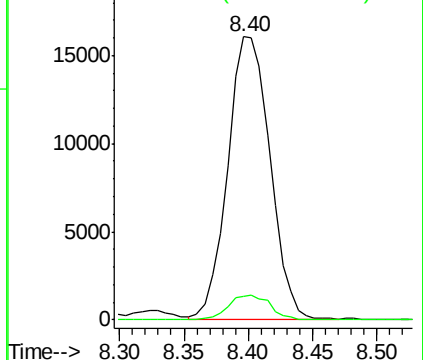


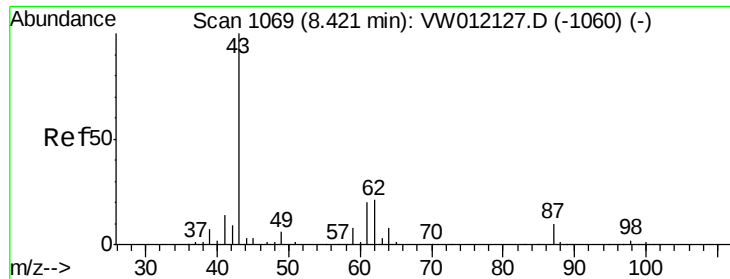
#42
1,2-Dichloroethane
Concen: 9.773 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	62	Resp	36738
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6



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





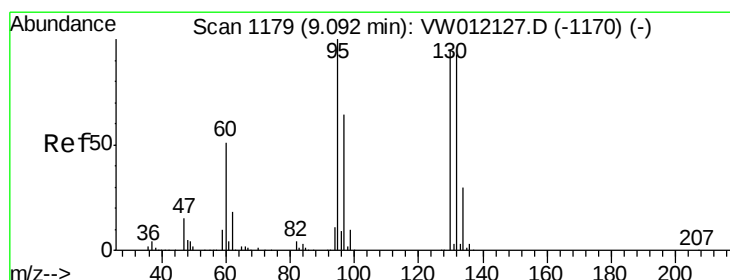
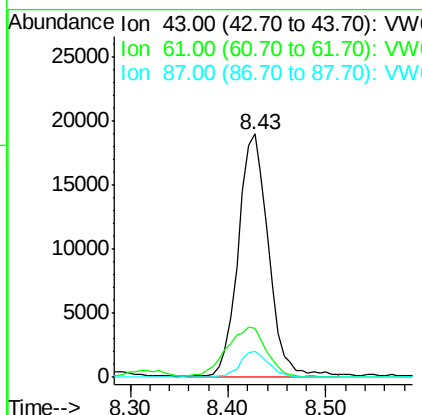
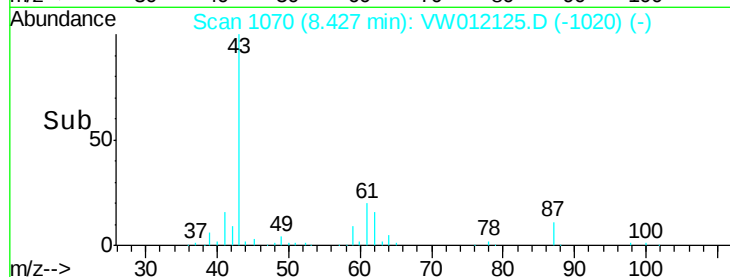
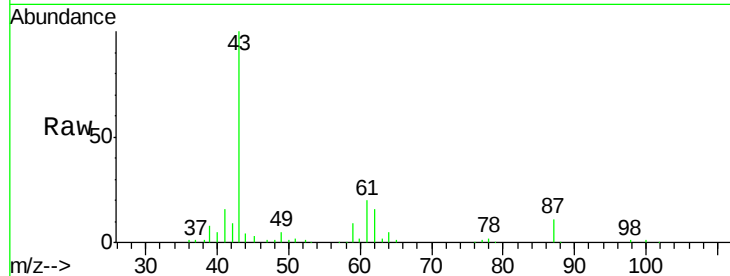
#43
Isopropyl Acetate
Concen: 9.221 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	27.4	21.1	31.7
87	10.2	8.2	12.2

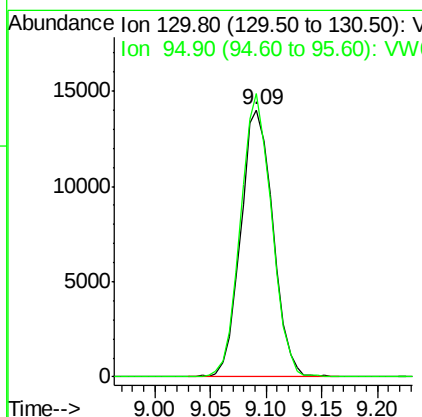
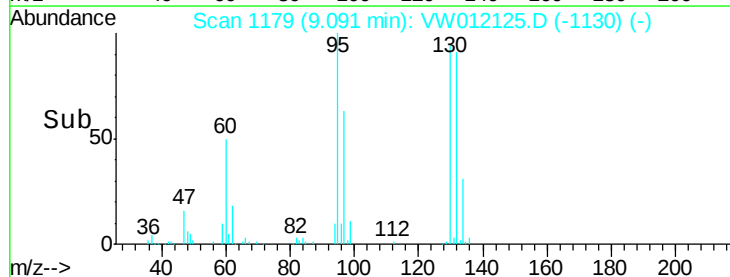
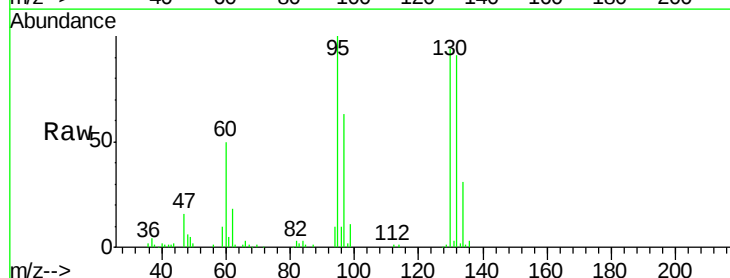
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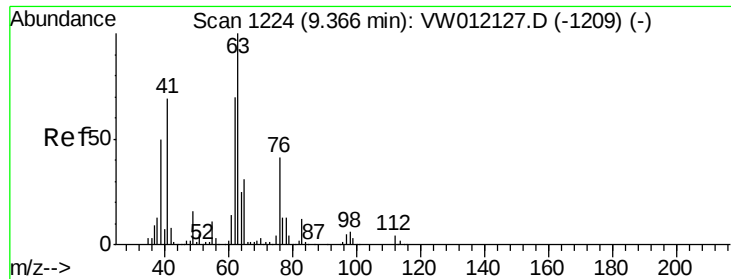
MMDadoda
8/26/2019 11:38:57 AM



#44
Trichloroethene
Concen: 9.640 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	105.9	0.0	210.6





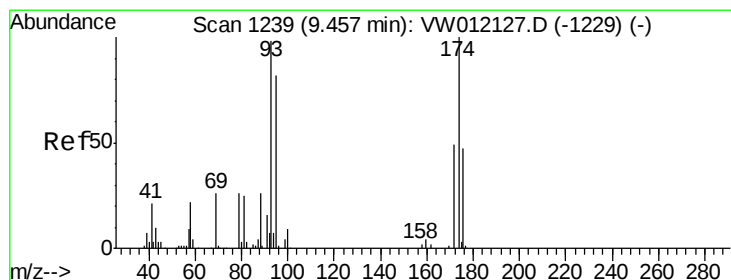
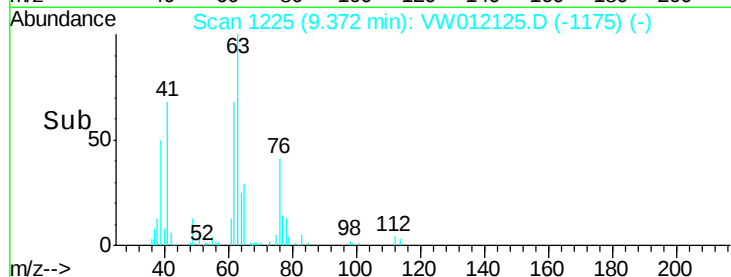
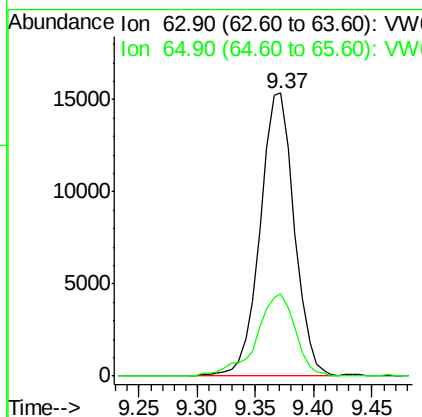
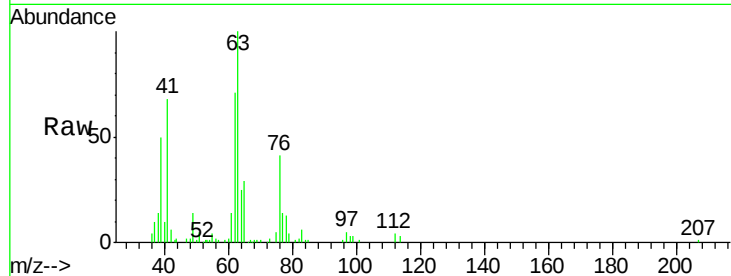
#45
 1,2-Dichloropropane
 Concen: 9.743 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
63	100	31451		
65	29.1	25.0	37.4	

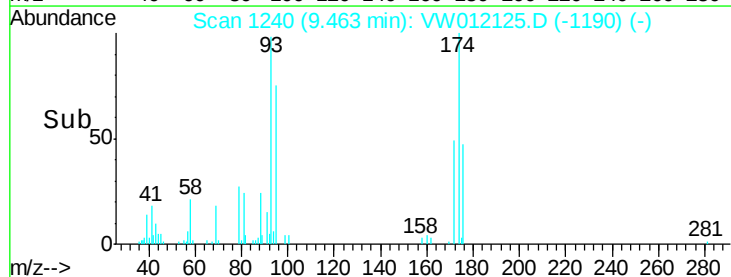
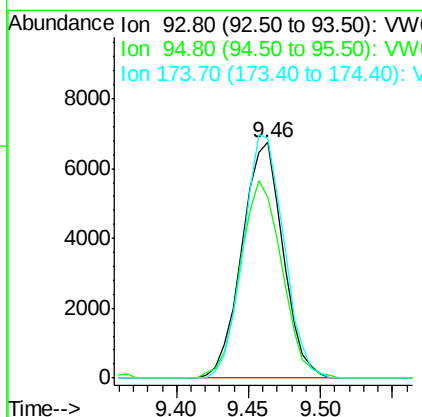
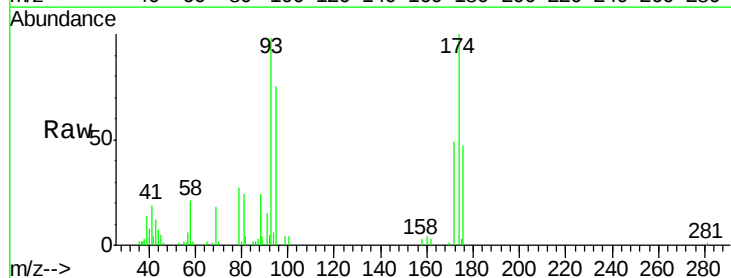
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#46
 Dibromomethane
 Concen: 9.258 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	13297		
95	85.3	67.2	100.8	
174	102.0	79.0	118.6	





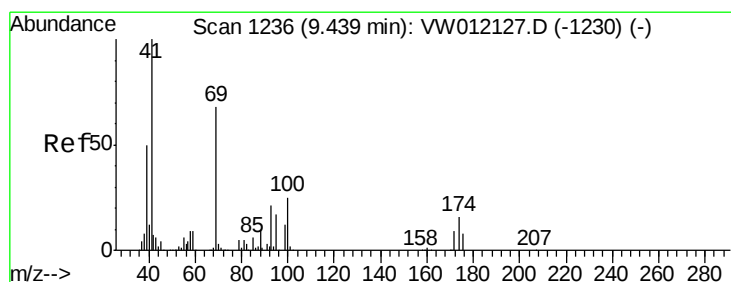
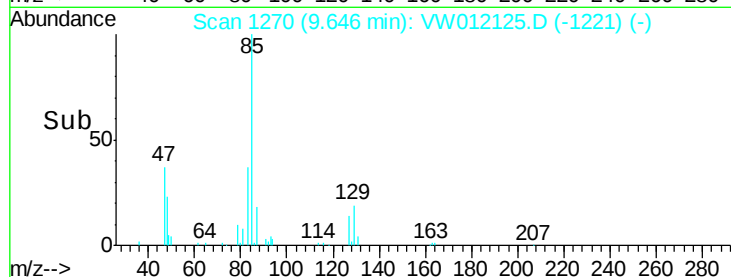
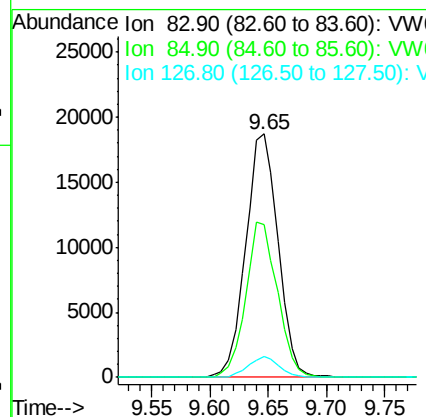
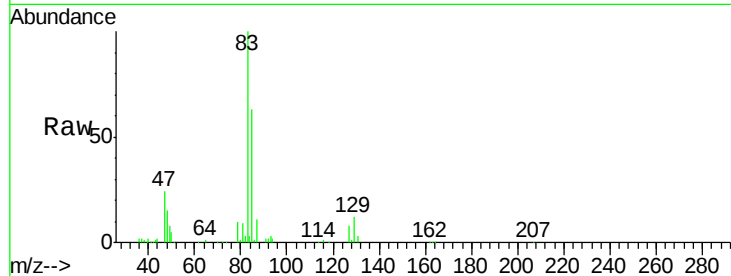
#47
Bromodichloromethane
Concen: 9.479 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
83	100	36231		
85	62.5	49.4	74.2	
127	8.5	6.1	9.1	

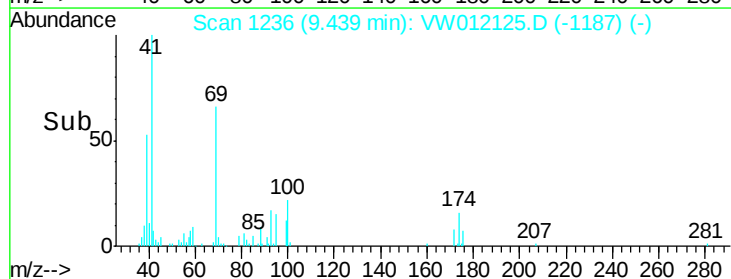
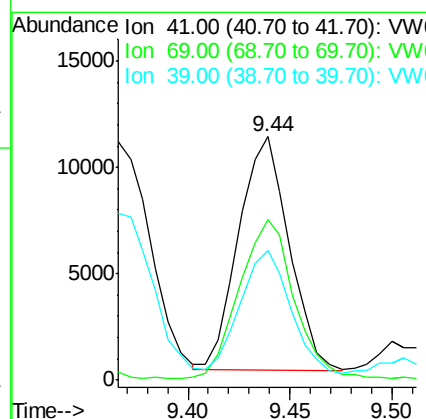
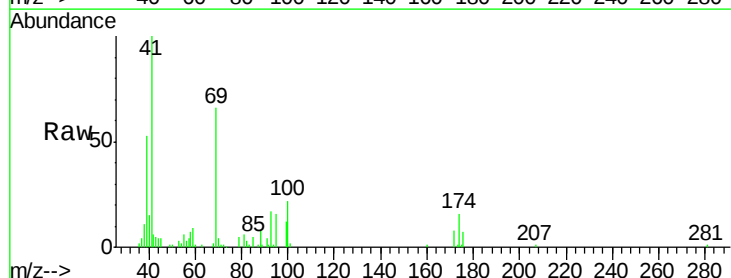
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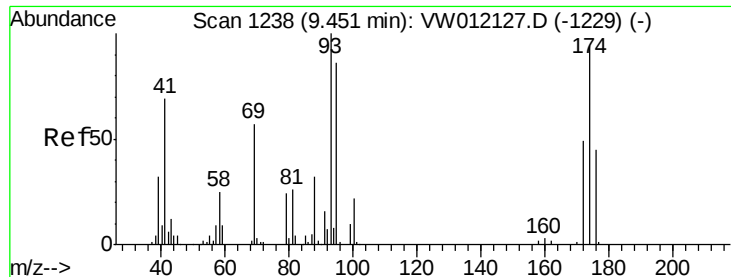
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#48
Methyl methacrylate
Concen: 8.850 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	18780		
69	77.1	56.7	85.1	
39	52.3	42.0	63.0	





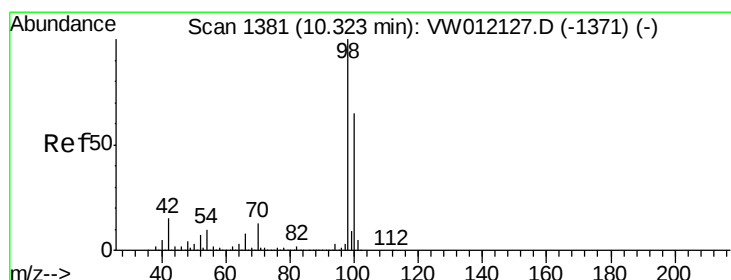
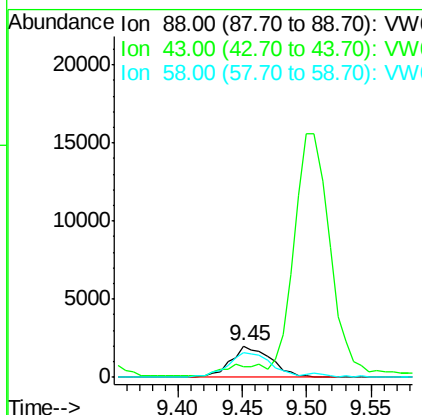
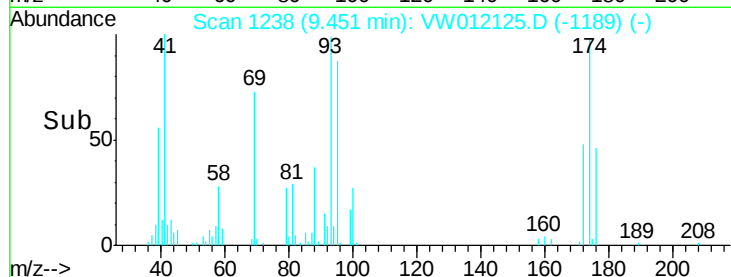
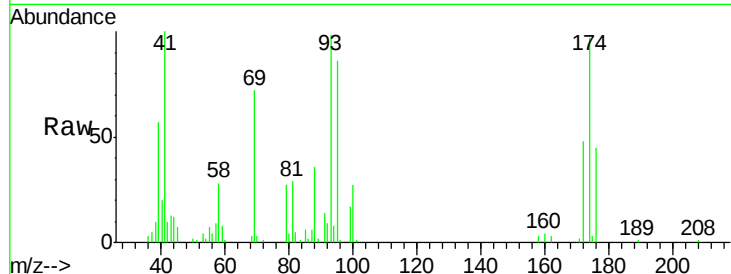
#49
1,4-Dioxane
Concen: 197.302 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	4338
Ion	Ratio	Lower	Upper
88	100		
43	28.3	32.9	49.3#
58	83.8	71.0	106.4

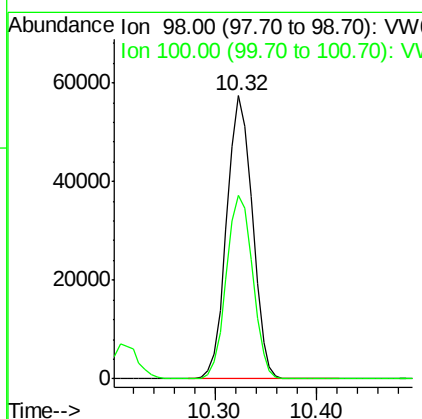
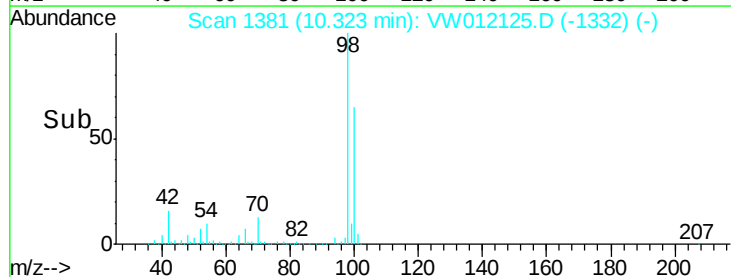
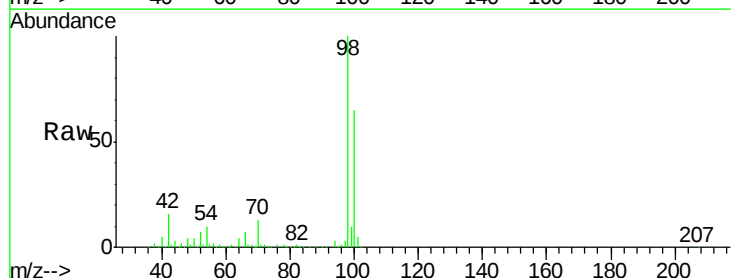
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#50
Toluene-d8
Concen: 9.771 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	98	Resp	100522
Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 46.088 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 104516

Ion Ratio Lower Upper

43 100

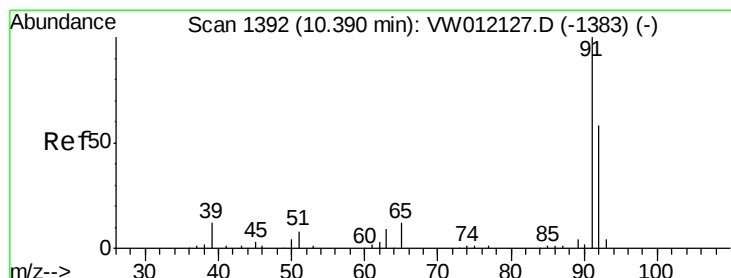
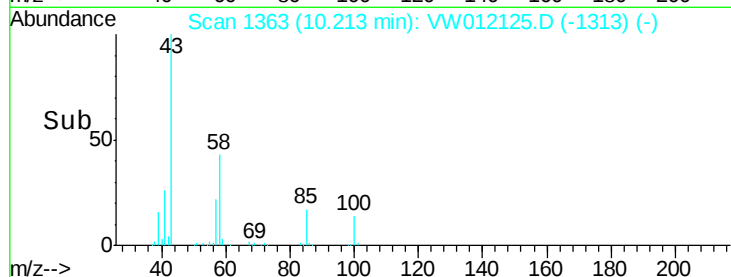
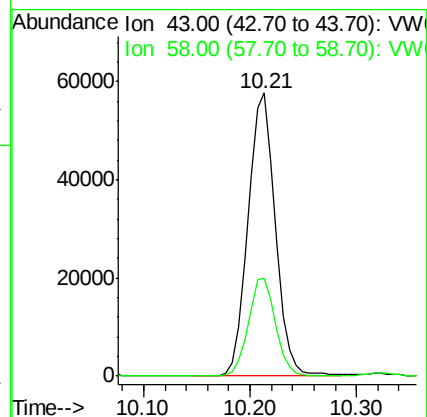
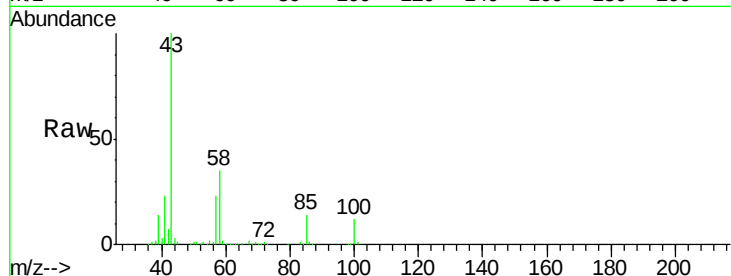
58 34.6 28.2 42.2

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#52

Toluene

Concen: 9.571 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012125.D

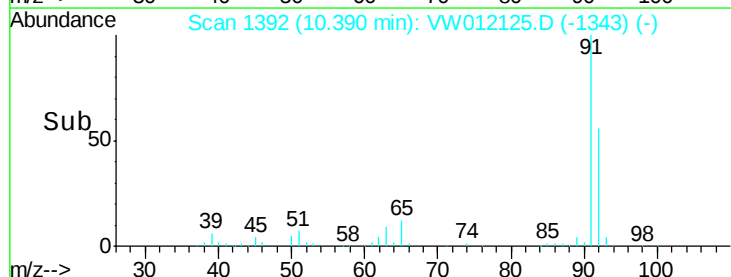
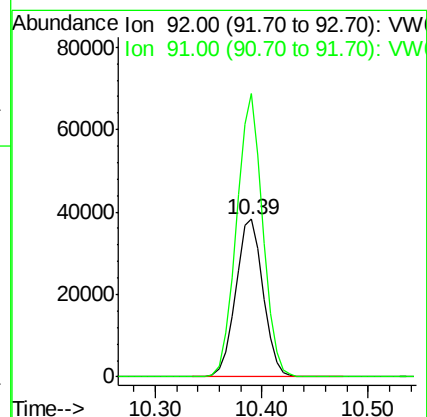
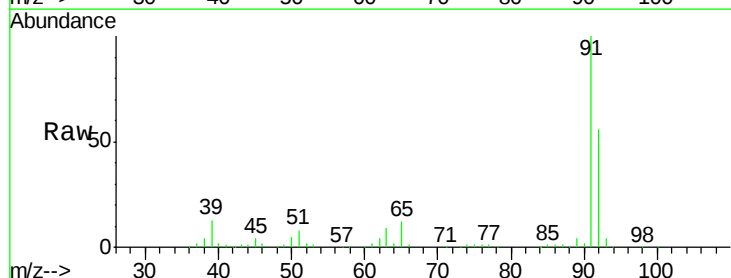
Acq: 23 Aug 2019 10:11

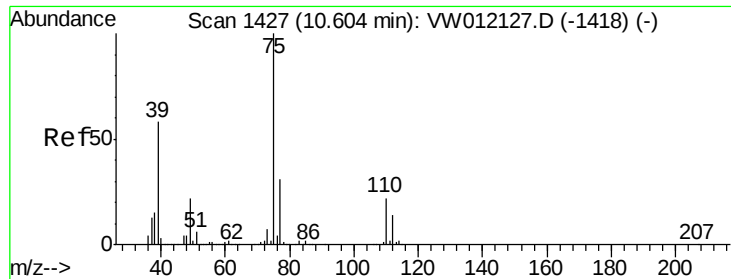
Tgt Ion: 92 Resp: 68961

Ion Ratio Lower Upper

92 100

91 171.5 136.6 204.8





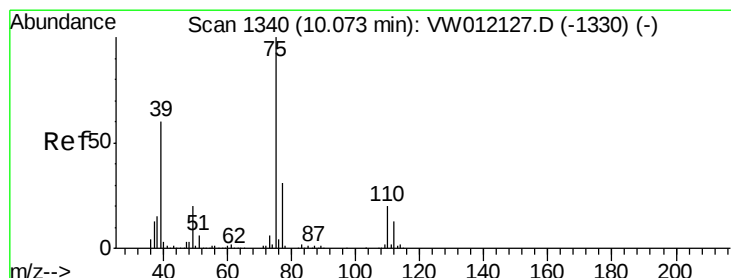
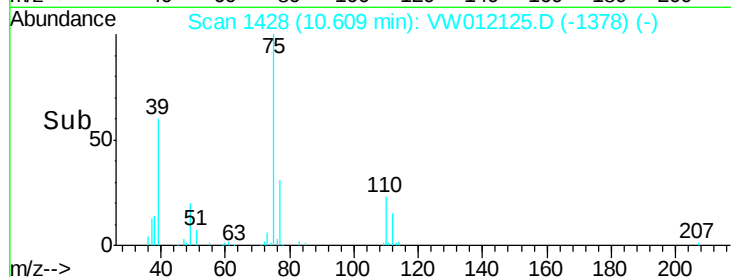
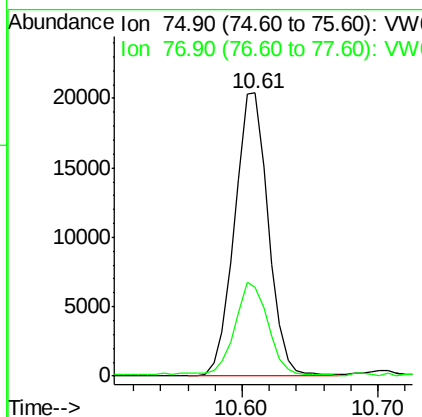
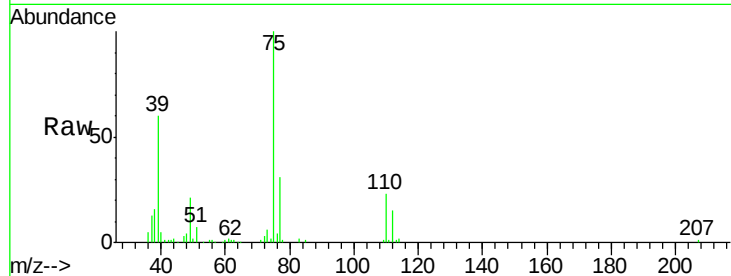
#53
t-1,3-Dichloropropene
Concen: 9.057 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 75 Resp: 35262
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

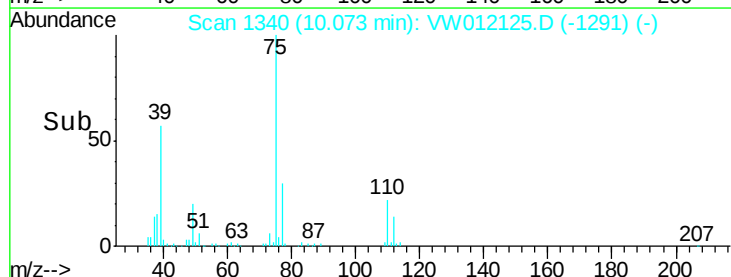
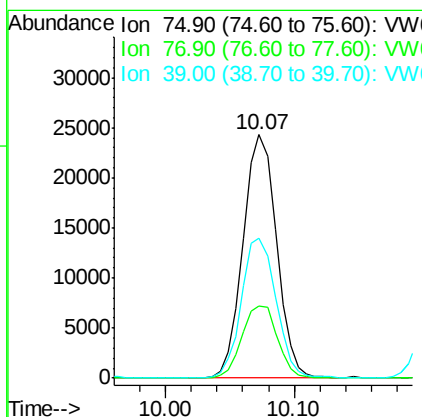
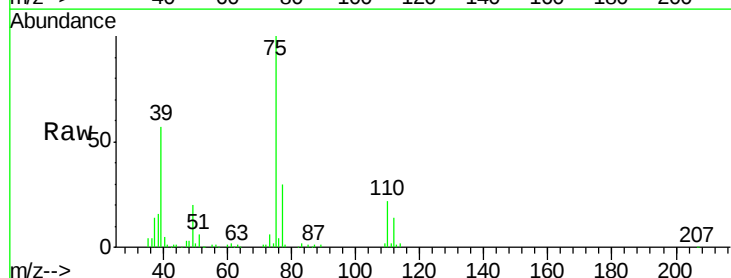
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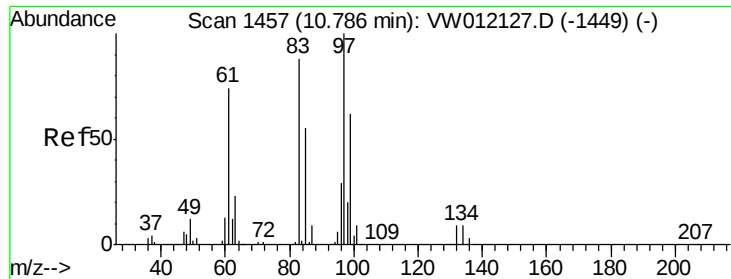
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#54
cis-1,3-Dichloropropene
Concen: 9.319 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion: 75 Resp: 43810
Ion Ratio Lower Upper
75 100
77 29.8 25.1 37.7
39 57.2 48.3 72.5





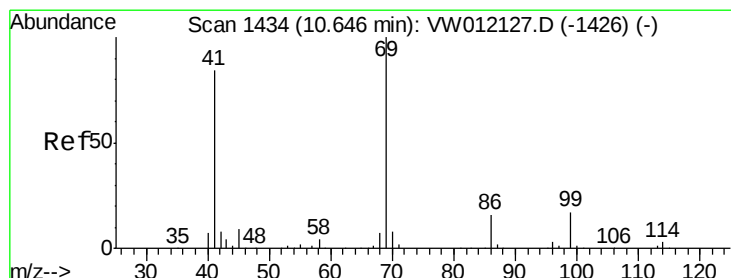
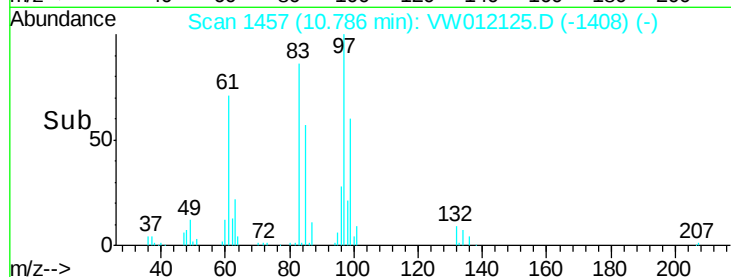
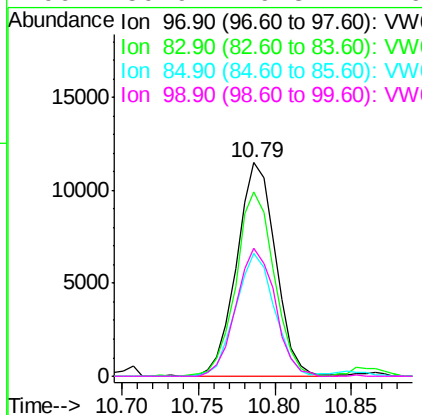
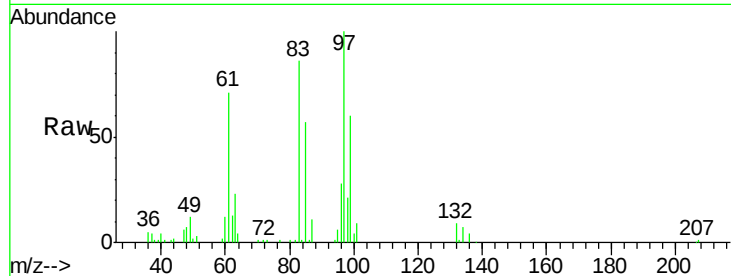
#55
 1,1,2-Trichloroethane
 Concen: 9.998 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	20316
Ion	Ratio	Lower	Upper
97	100		
83	85.8	70.8	106.2
85	57.4	43.8	65.8
99	59.9	49.8	74.6

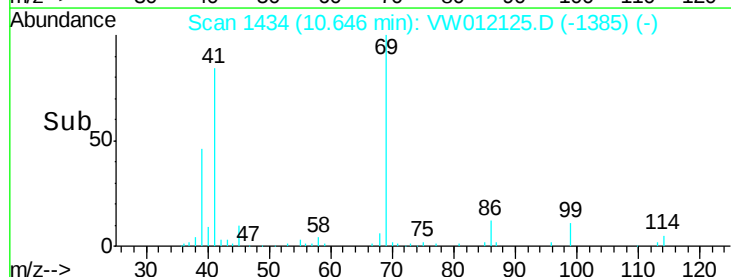
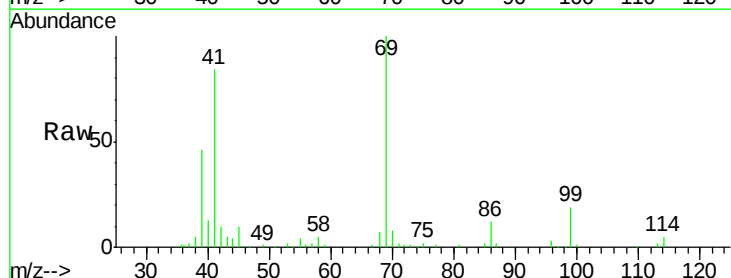
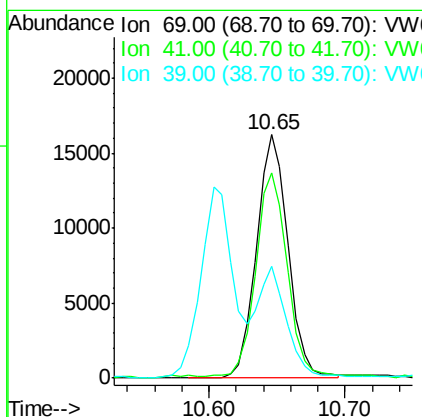
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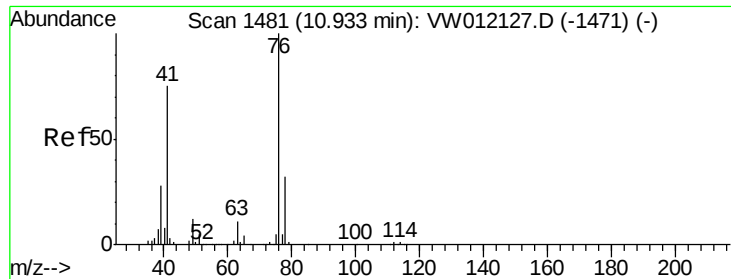
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#56
 Ethyl methacrylate
 Concen: 8.943 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion:	69	Resp:	26449
Ion	Ratio	Lower	Upper
69	100		
41	85.1	66.5	99.7
39	42.0	31.0	46.4





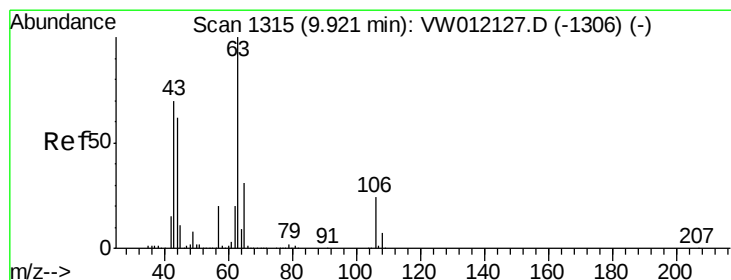
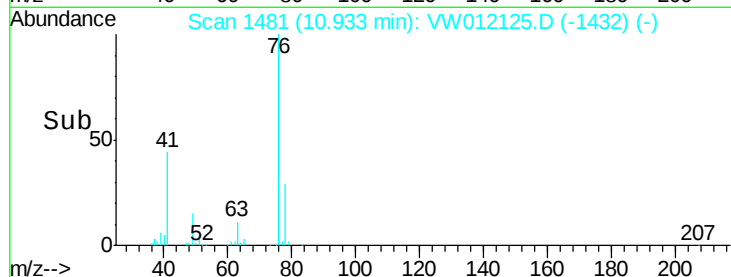
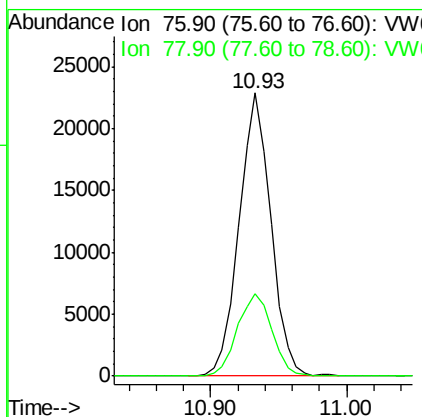
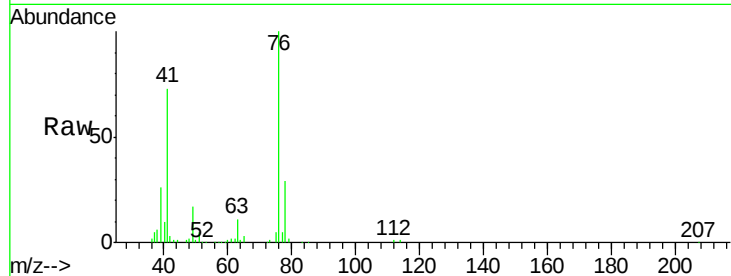
#57
 1,3-Dichloropropane
 Concen: 9.691 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.8	25.8	38.8

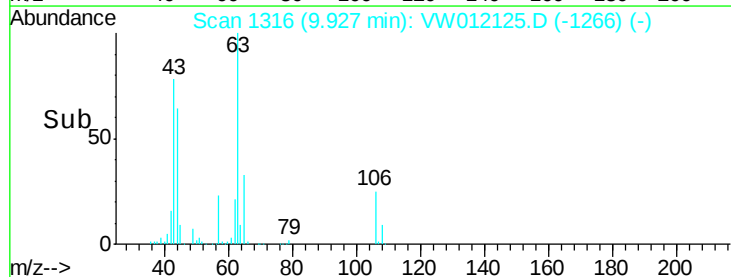
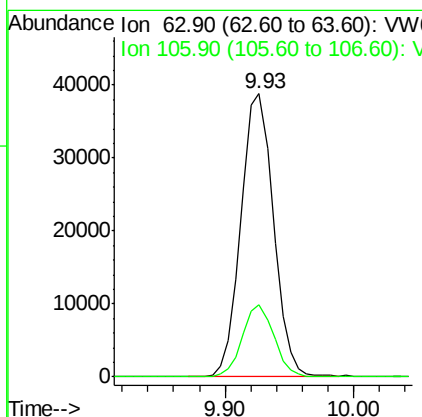
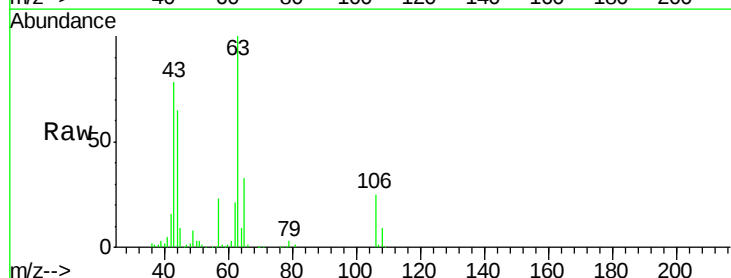
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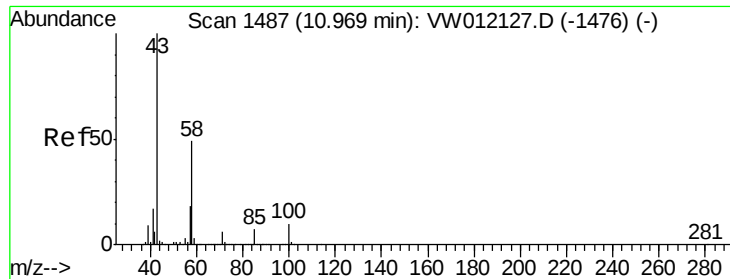
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#58
 2-Chloroethyl Vinyl ether
 Concen: 44.786 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
63	100		
106	24.7	19.8	29.8





#59

2-Hexanone

Concen: 44.350 ug/l

RT: 10.97 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 71163

Ion Ratio Lower Upper

43 100

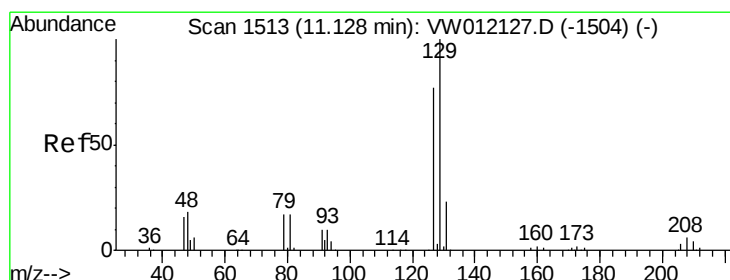
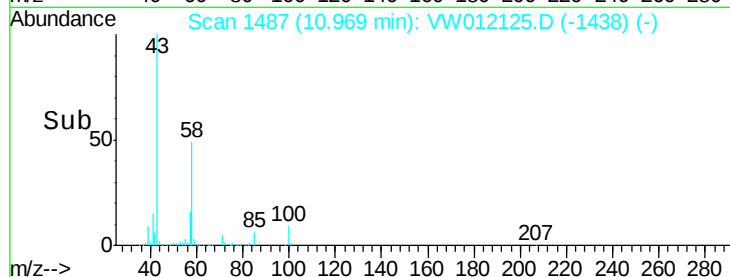
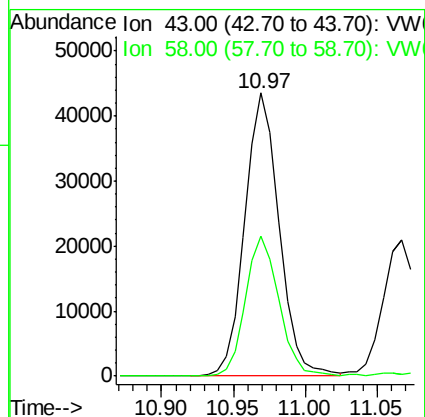
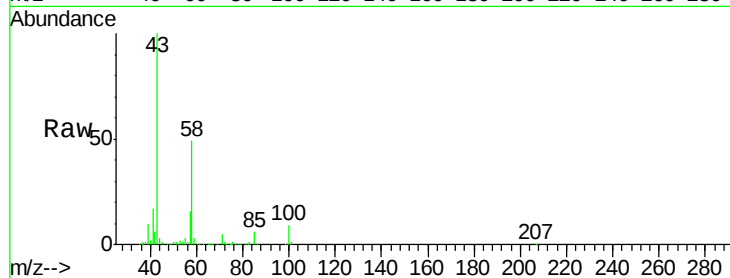
58 48.6 24.3 72.9

Manual Integrations

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#60

Dibromochloromethane

Concen: 9.170 ug/l

RT: 11.13 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VW012125.D

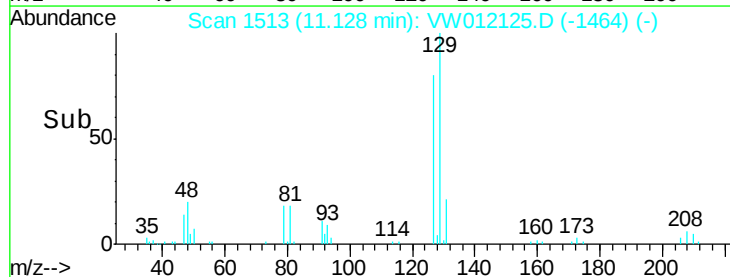
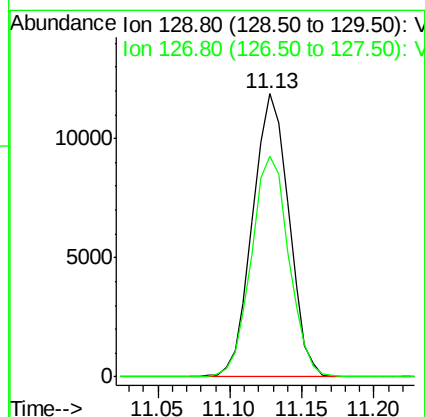
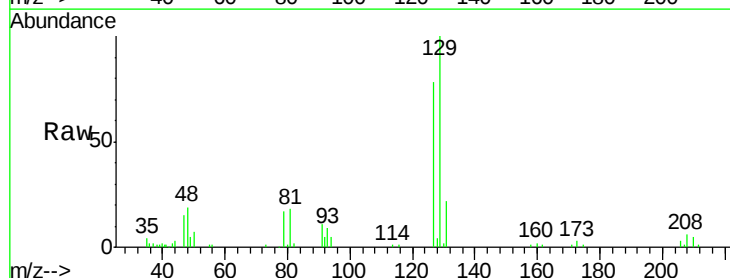
Acq: 23 Aug 2019 10:11

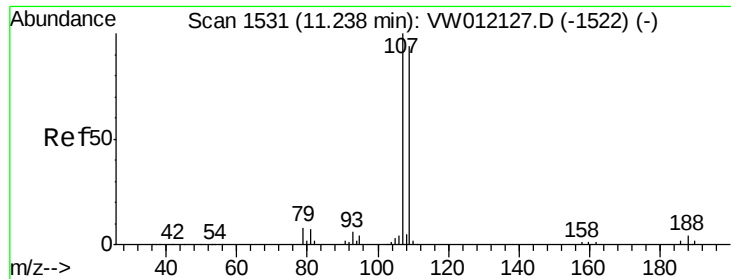
Tgt Ion: 129 Resp: 20756

Ion Ratio Lower Upper

129 100

127 80.3 38.6 115.8





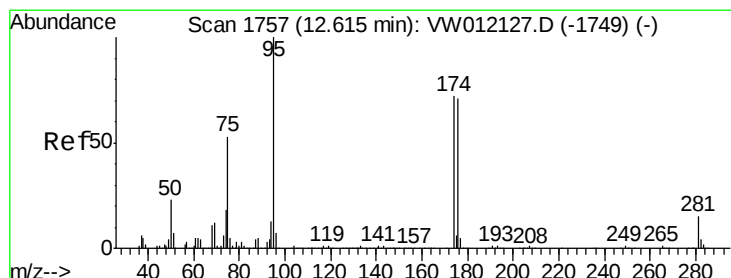
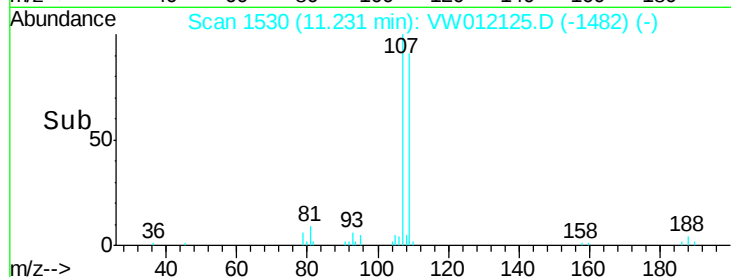
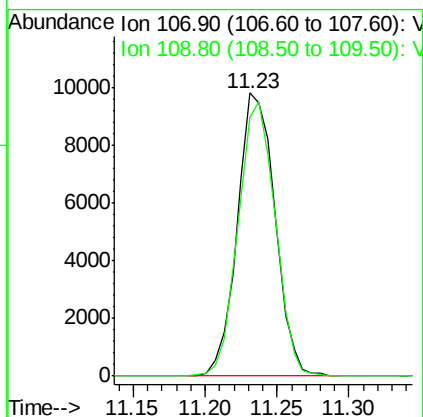
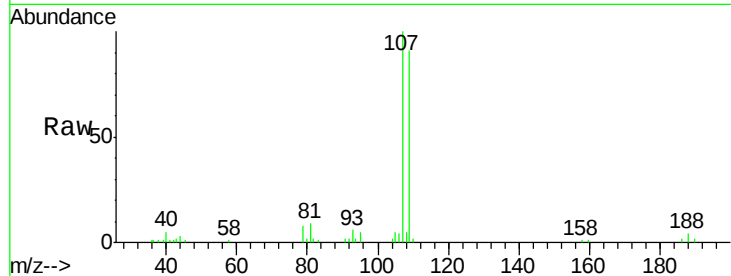
#61
 1,2-Dibromoethane
 Concen: 9.391 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.8	75.4	113.2

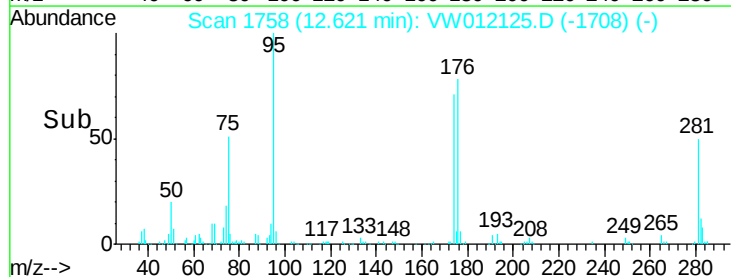
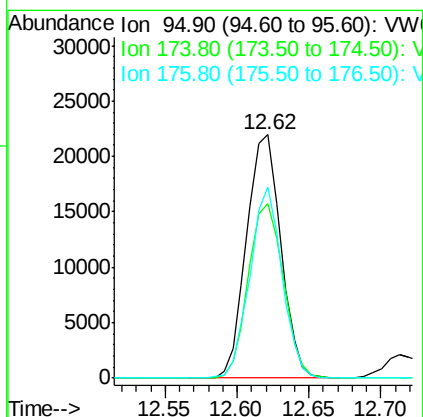
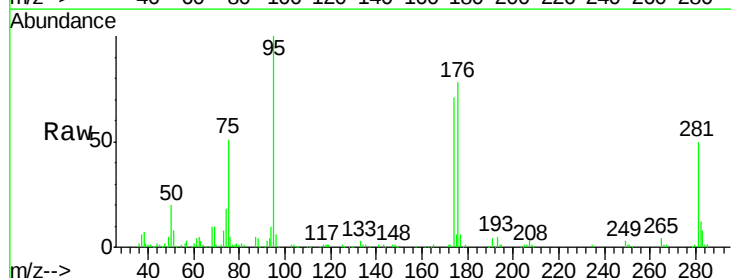
Manual Integrations
 APPROVED

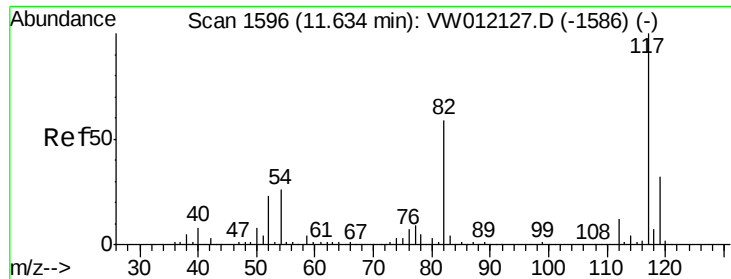
MMDadoda
 8/26/2019 11:38:57 AM



#62
 4-Bromofluorobenzene
 Concen: 9.990 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.01 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.3	0.0	150.8
176	73.2	0.0	148.6





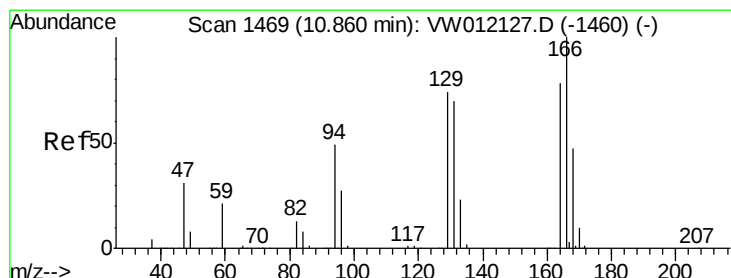
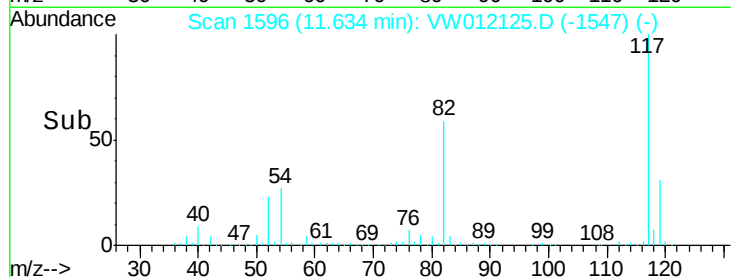
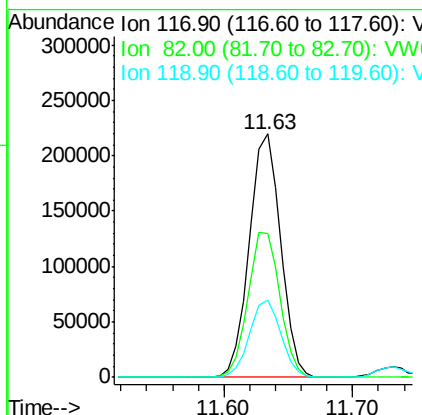
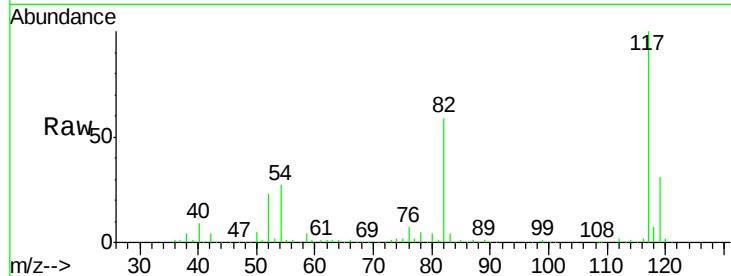
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	367397		
82	58.9	47.4	71.2	
119	31.5	25.4	38.2	

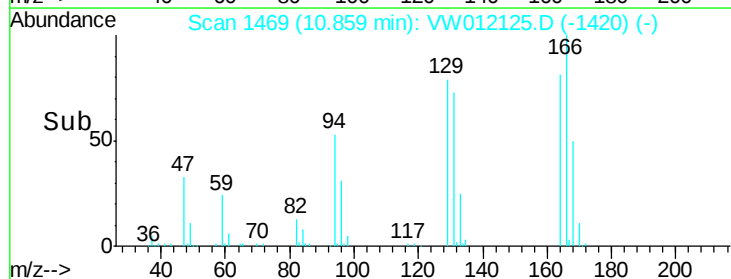
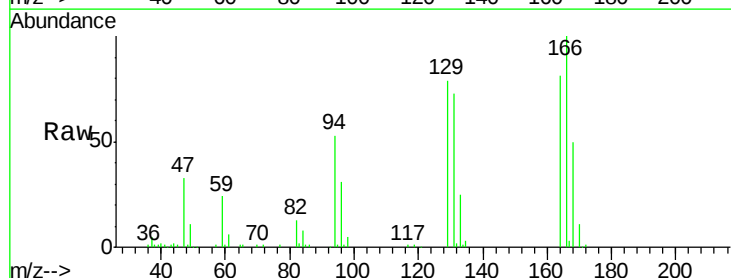
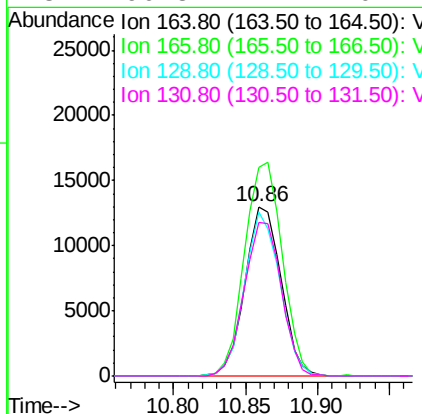
Manual Integrations
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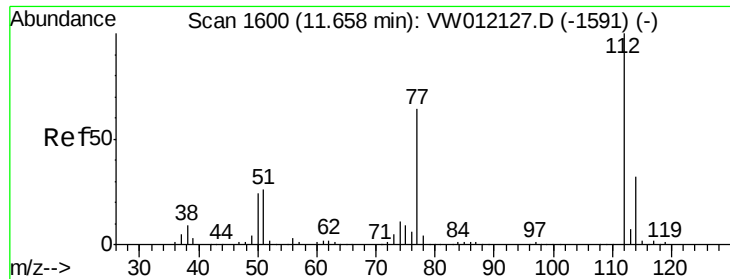
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#64
Tetrachloroethene
Concen: 9.437 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	22479		
166	123.6	102.4	153.6	
129	97.0	75.8	113.6	
131	90.8	71.4	107.2	





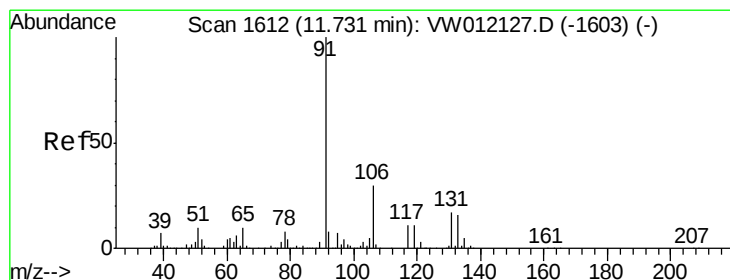
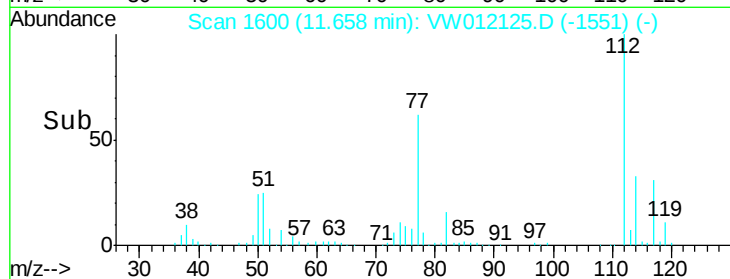
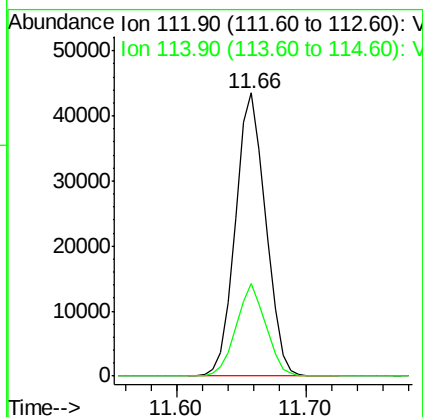
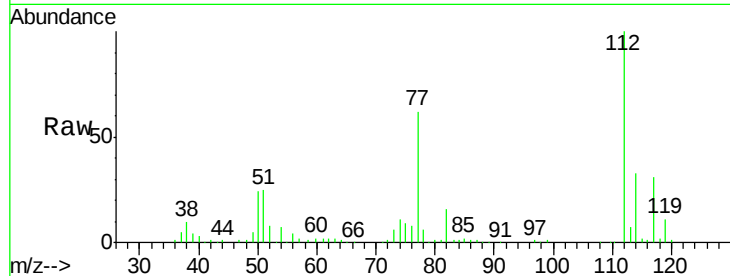
#65
Chlorobenzene
Concen: 9.805 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 70930
Ion Ratio Lower Upper
112 100
114 32.9 25.8 38.6

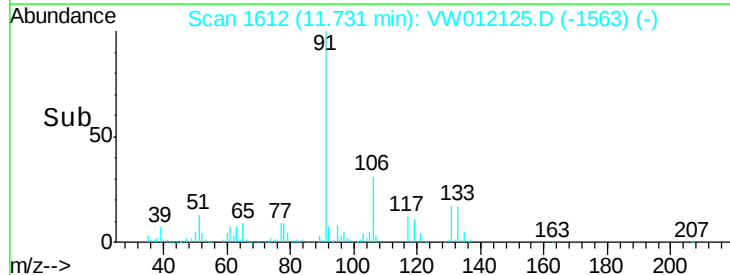
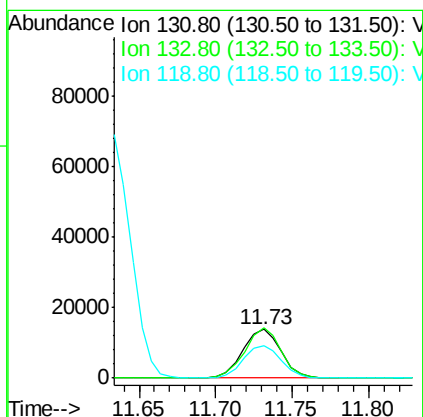
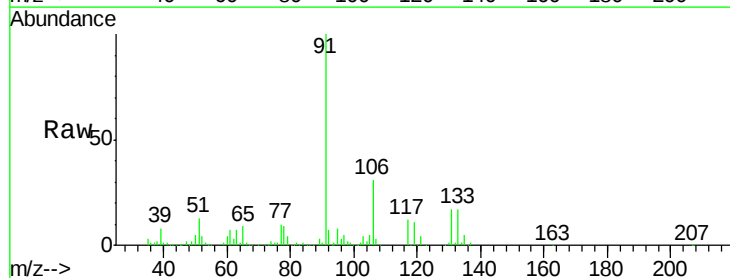
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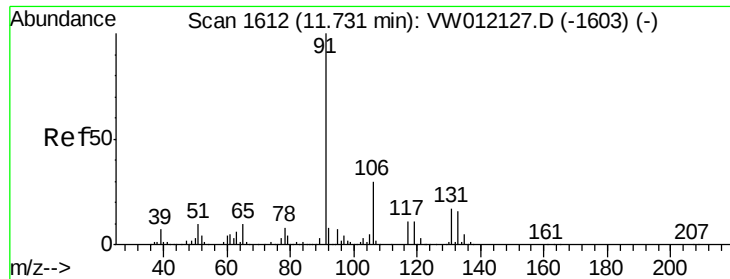
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#66
1,1,1,2-Tetrachloroethane
Concen: 9.522 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion:131 Resp: 24031
Ion Ratio Lower Upper
131 100
133 98.0 47.1 141.3
119 66.5 31.8 95.3





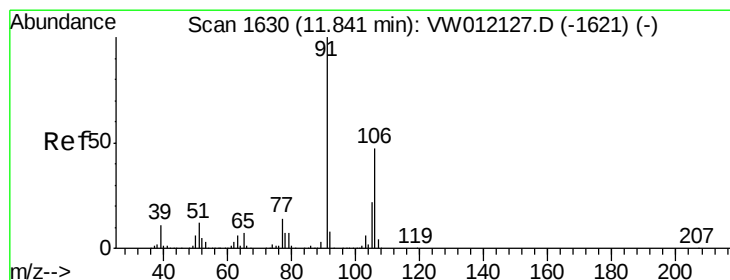
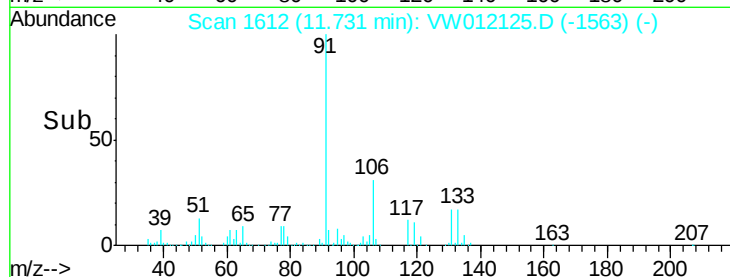
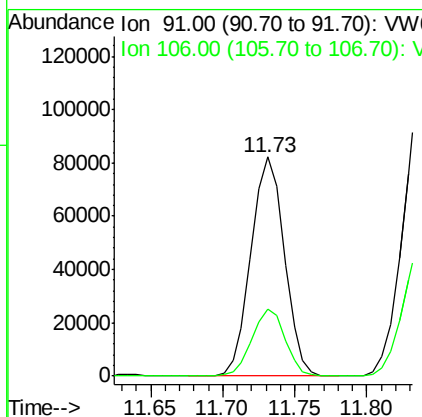
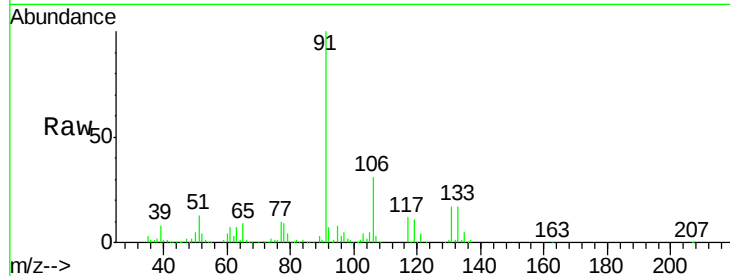
#67
Ethyl Benzene
Concen: 9.483 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 132157
Ion Ratio Lower Upper
91 100
106 30.9 24.3 36.5

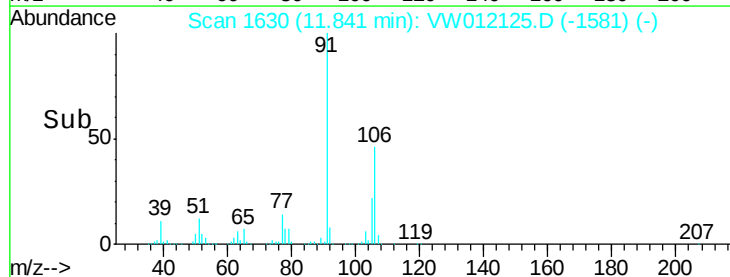
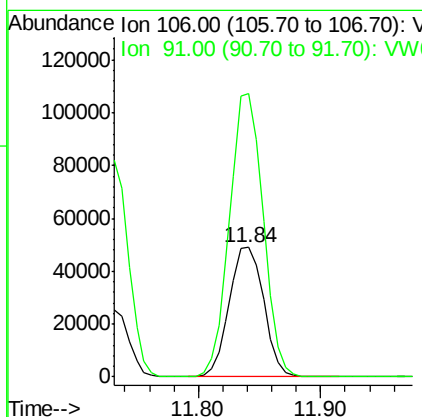
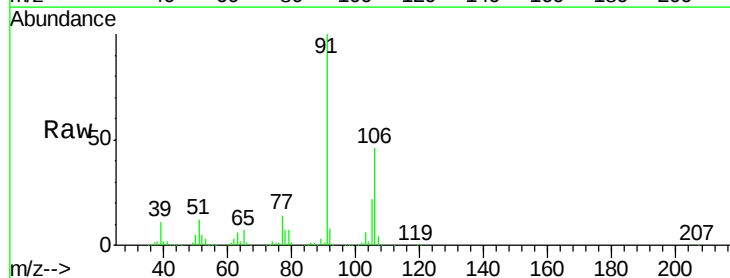
Manual Integrations
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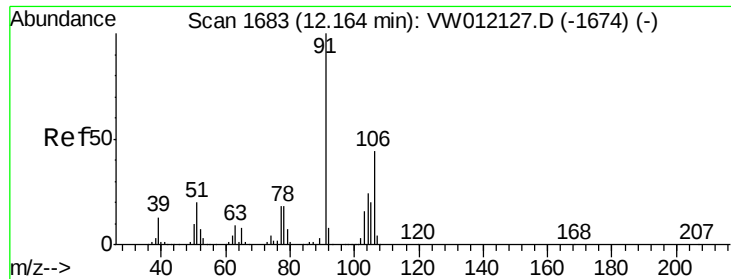
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#68
m/p-Xylenes
Concen: 19.103 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion: 106 Resp: 95893
Ion Ratio Lower Upper
106 100
91 213.3 169.5 254.3





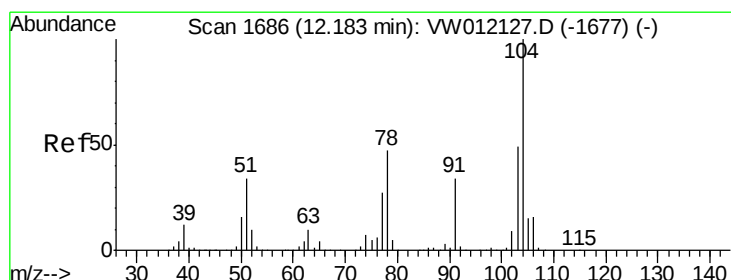
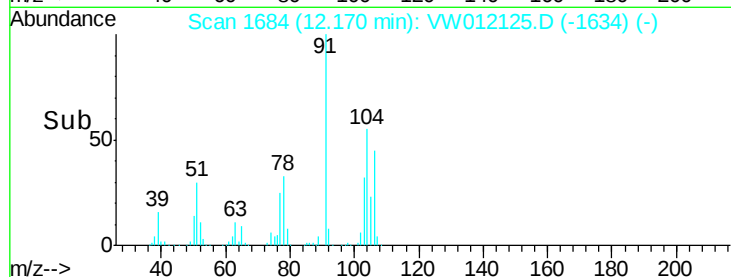
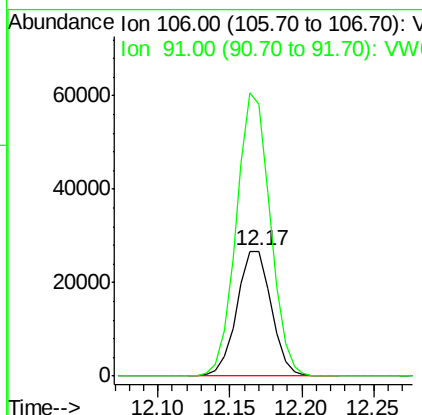
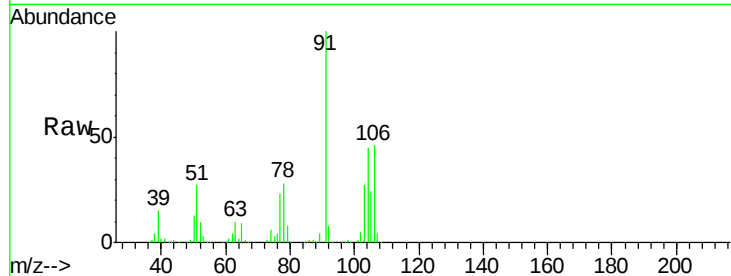
#69
o-Xylene
Concen: 9.595 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 44577
Ion Ratio Lower Upper
106 100
91 223.0 111.6 334.6

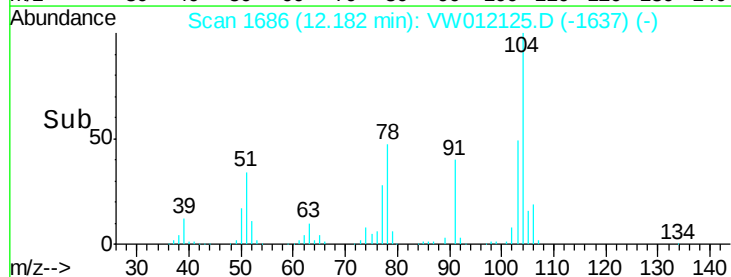
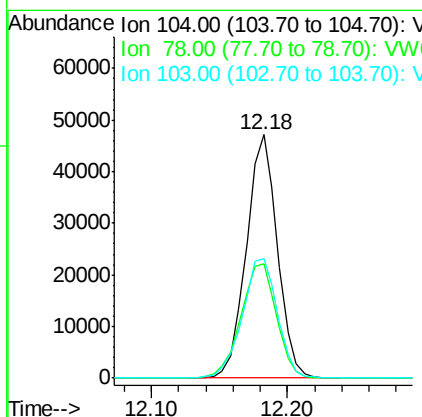
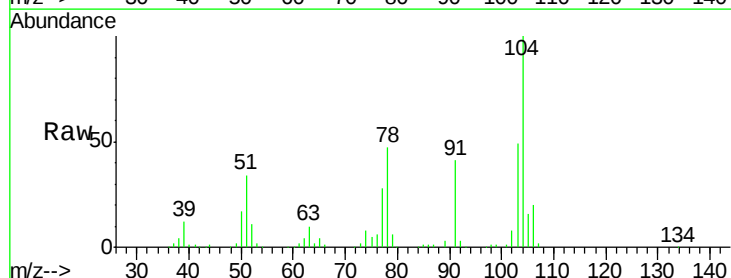
Manual Integrations
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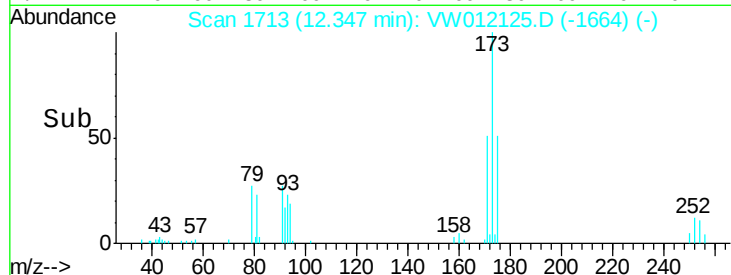
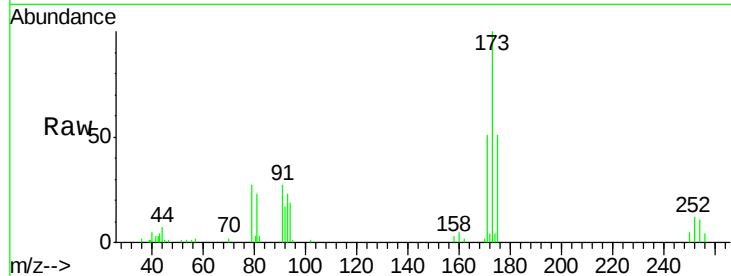
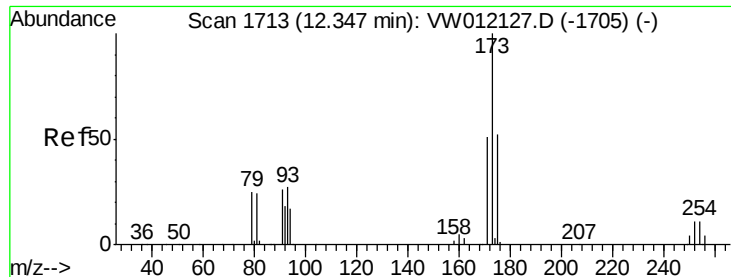
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#70
Styrene
Concen: 9.365 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion:104 Resp: 75314
Ion Ratio Lower Upper
104 100
78 54.2 43.1 64.7
103 55.5 43.5 65.3





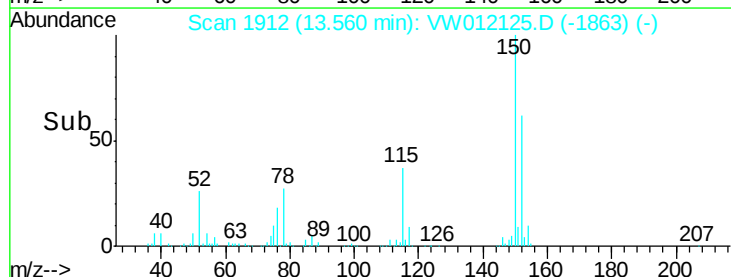
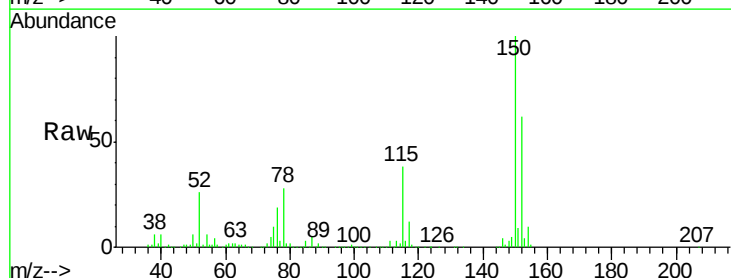
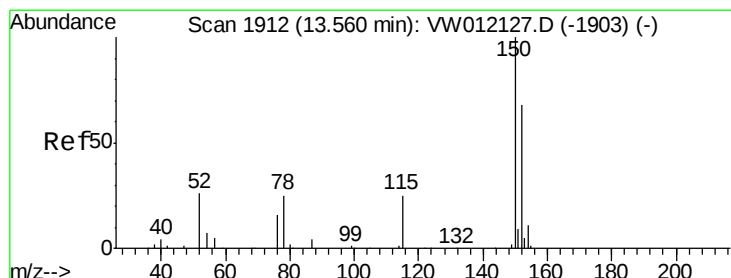
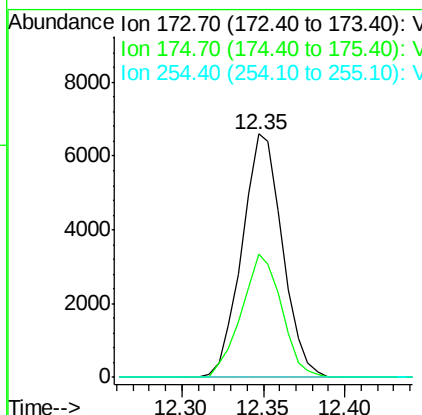
#71
Bromoform
Concen: 9.055 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.6	74.0
254	0.0	0.2	0.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

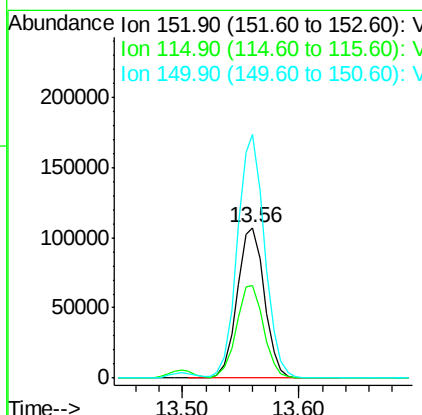
Manual Integrations
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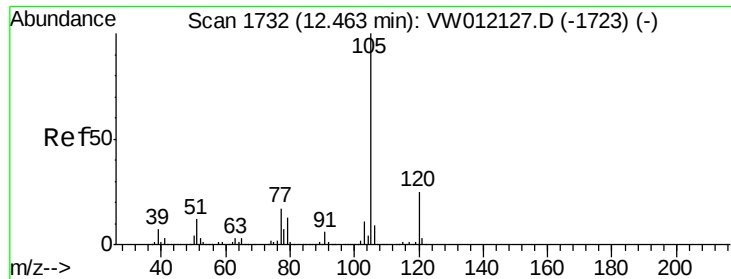
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	30.1	90.3
150	161.8	0.0	345.8





#73

Isopropylbenzene

Concen: 9.632 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 126188

Ion Ratio Lower Upper

105 100

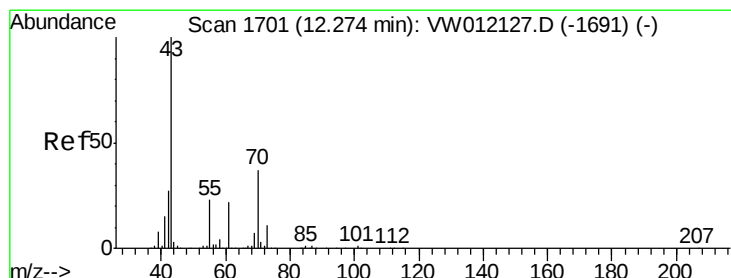
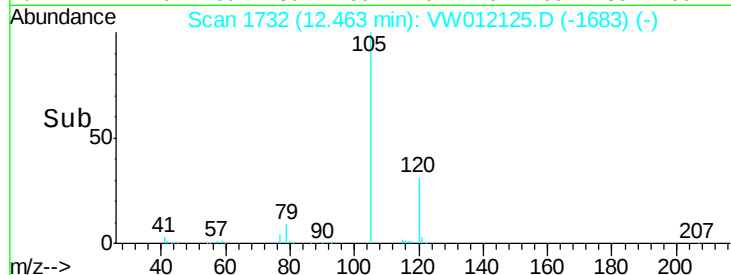
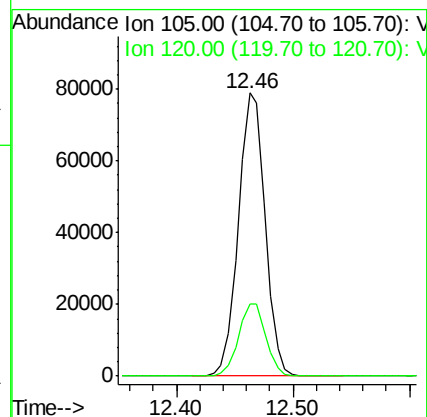
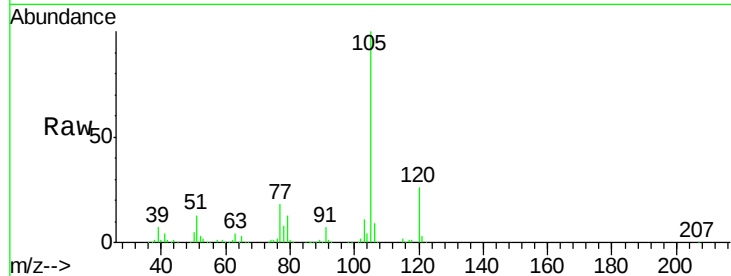
120 25.9 12.5 37.5

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#74

N-ethyl acetate

Concen: 9.038 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion: 43 Resp: 35774

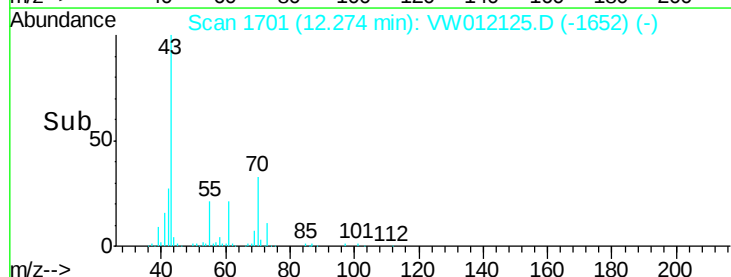
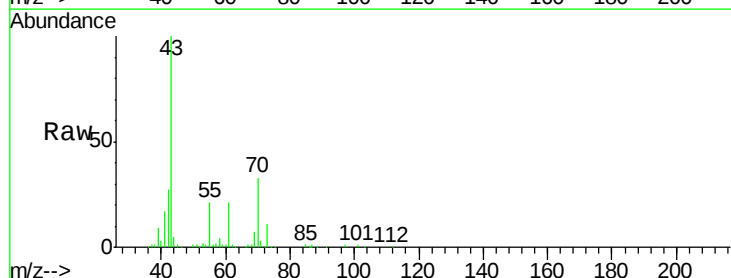
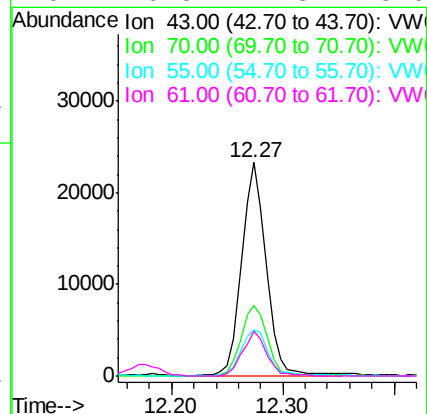
Ion Ratio Lower Upper

43 100

70 34.9 28.6 43.0

55 24.2 17.8 26.6

61 20.3 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 9.720 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

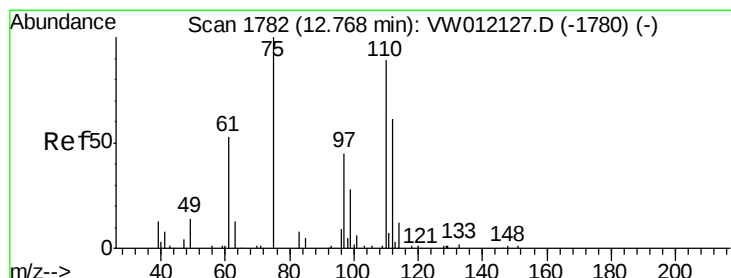
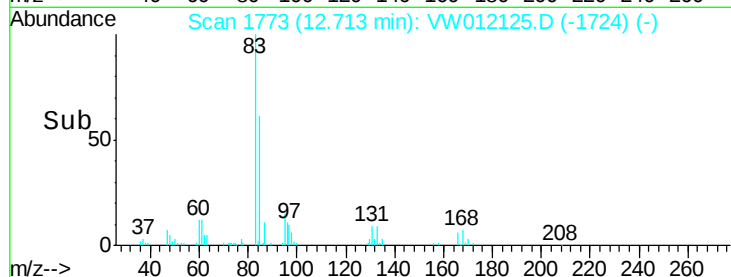
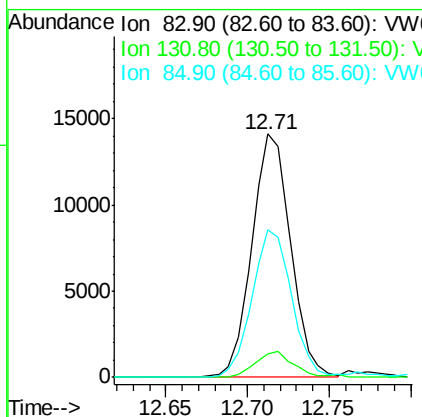
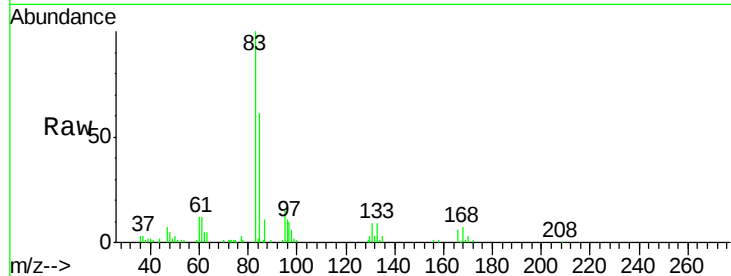
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	23345
Ion Ratio	Lower	Upper	
83	100		
131	10.6	4.9	14.7
85	61.7	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 9.512 ug/l m

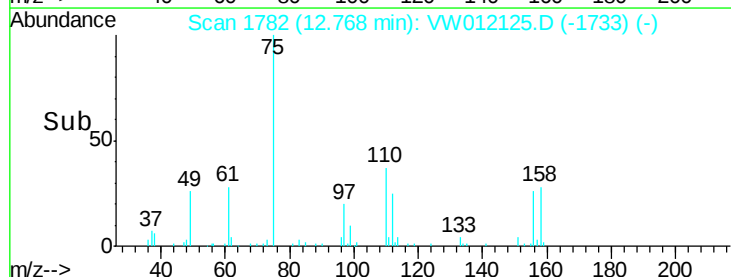
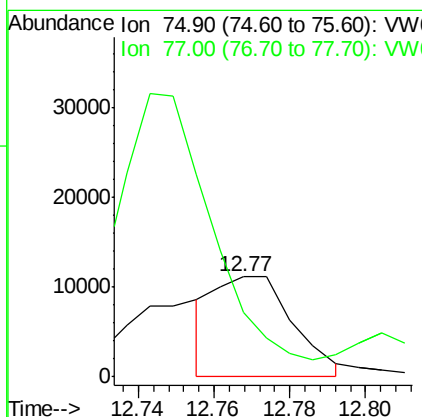
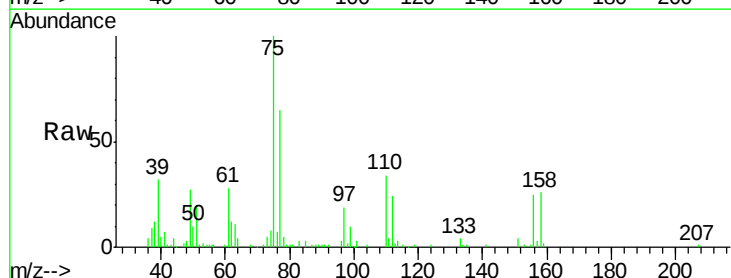
RT: 12.77 min Scan# 1782

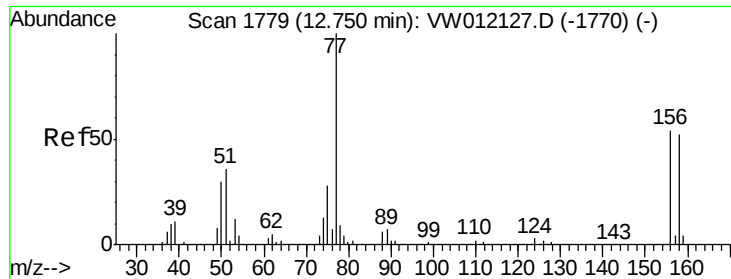
Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion:	75	Resp:	16024
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 9.606 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

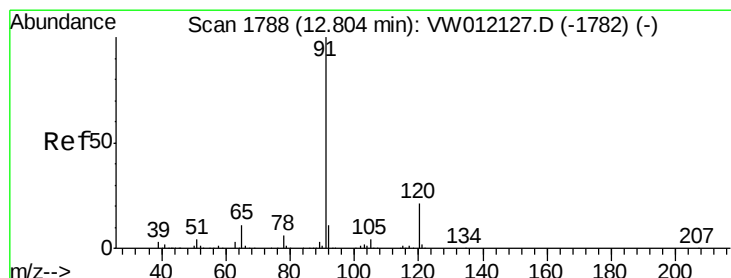
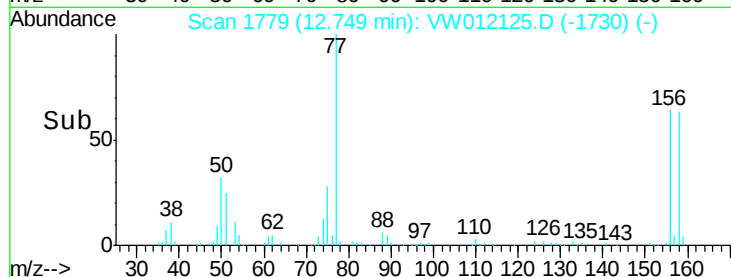
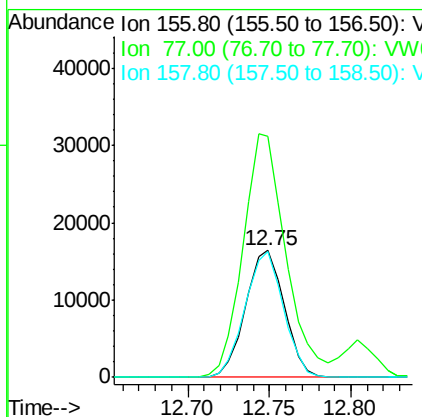
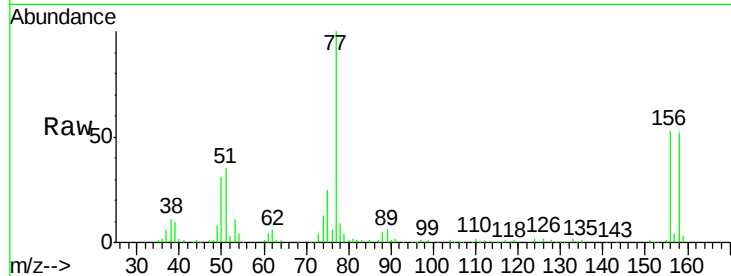
ClientSampleId :

VSTDIC010

Tot Ion:	156	Resp:	27225
Ion Ratio	Lower	Upper	
156	100		
77	211.6	107.3	321.8
158	98.6	49.0	147.0

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#78

n-propylbenzene

Concen: 9.615 ug/l

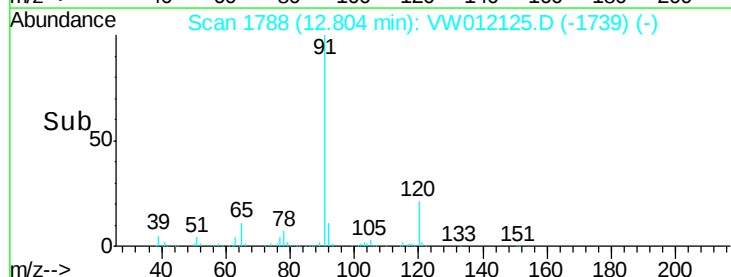
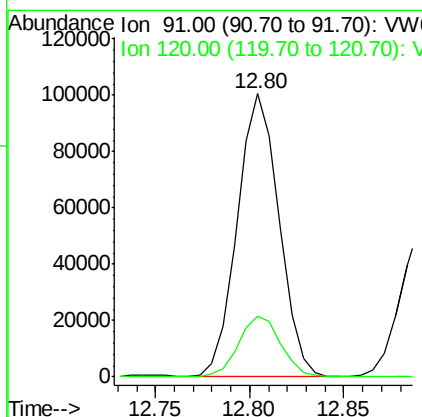
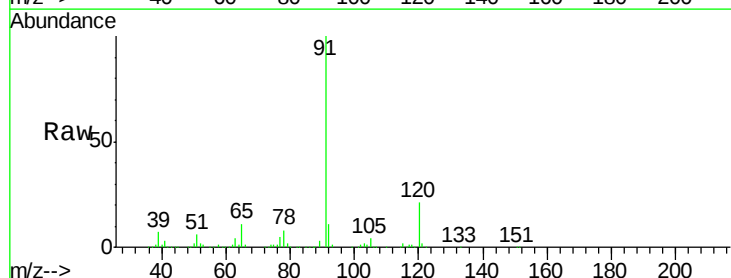
RT: 12.80 min Scan# 1788

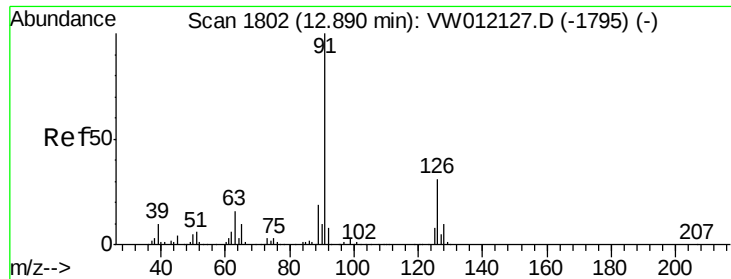
Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion:	91	Resp:	153777
Ion Ratio	Lower	Upper	
91	100		
120	21.7	10.5	31.6





#79

2-Chlorotoluene

Concen: 9.693 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 91 Resp: 88013

Ion Ratio Lower Upper

91 100

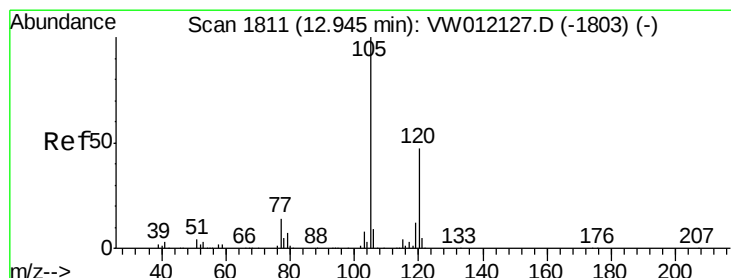
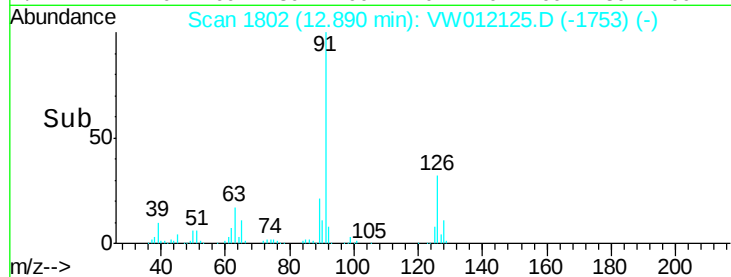
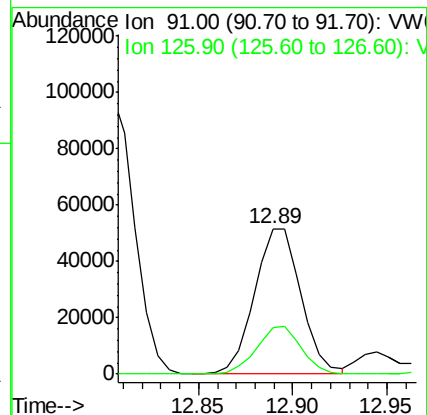
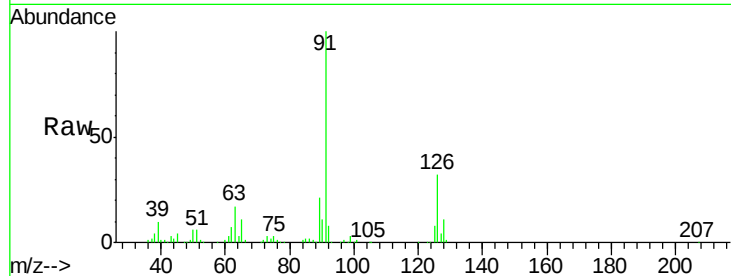
126 31.7 15.7 47.0

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#80

1,3,5-Trimethylbenzene

Concen: 9.652 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012125.D

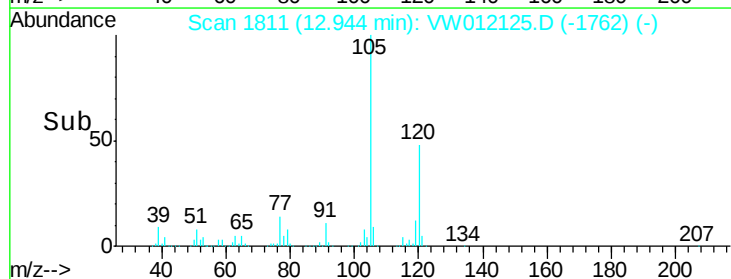
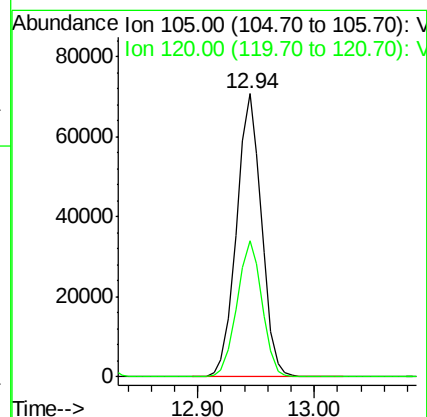
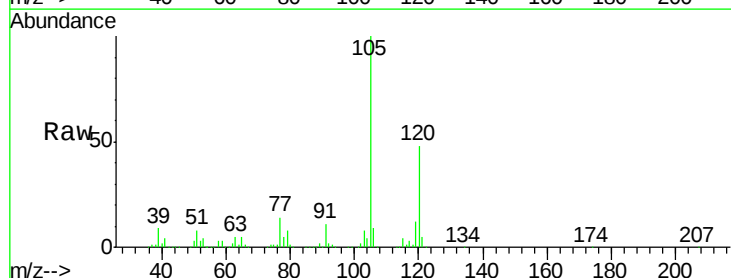
Acq: 23 Aug 2019 10:11

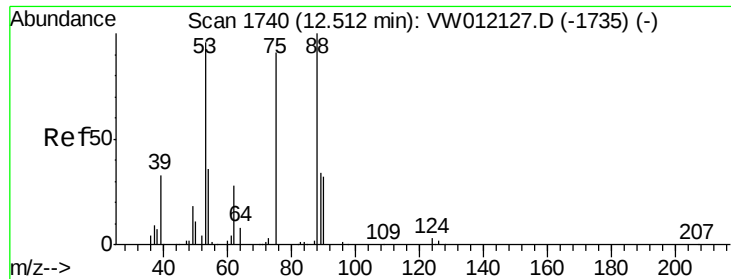
Tgt Ion: 105 Resp: 105662

Ion Ratio Lower Upper

105 100

120 48.3 24.0 72.0





#81

trans-1,4-Dichloro-2-butene

Concen: 8.644 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

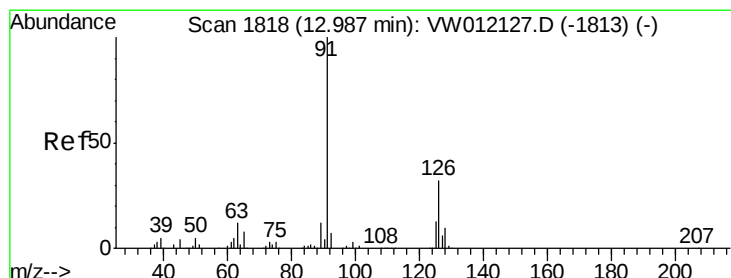
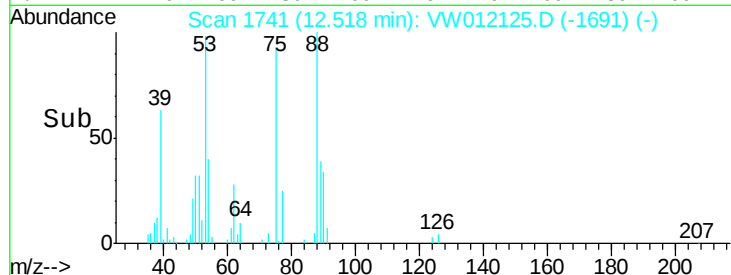
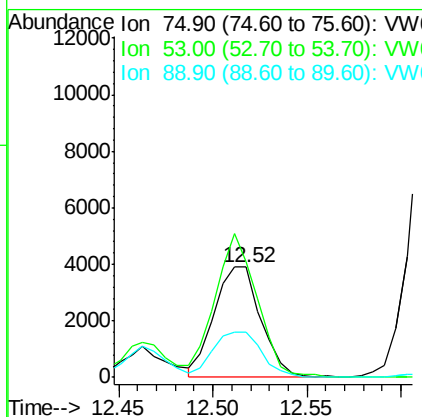
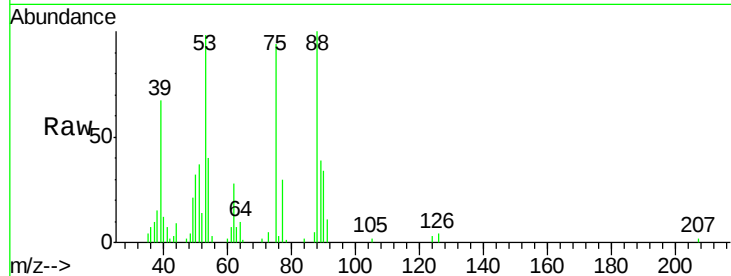
ClientSampled :

VSTDIC010

Tot Ion:	75	Resp:	6713
Ion	Ratio	Lower	Upper
75	100		
53	119.3	89.4	134.0
89	42.8	34.5	51.7

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#82

4-Chlorotoluene

Concen: 9.933 ug/l

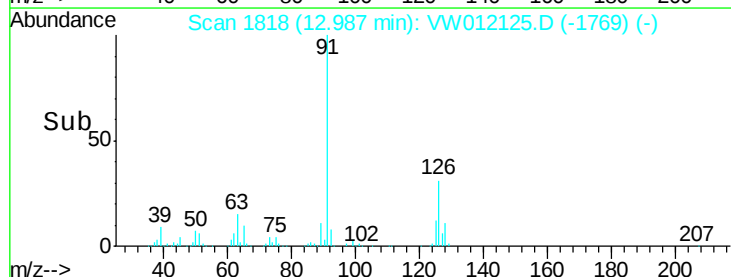
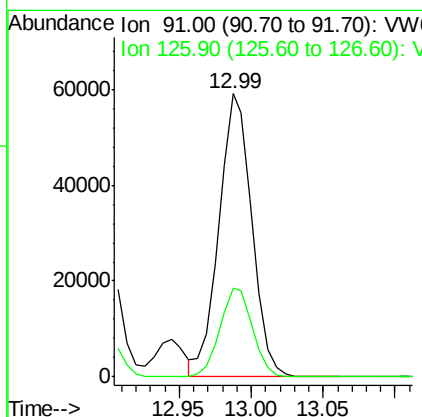
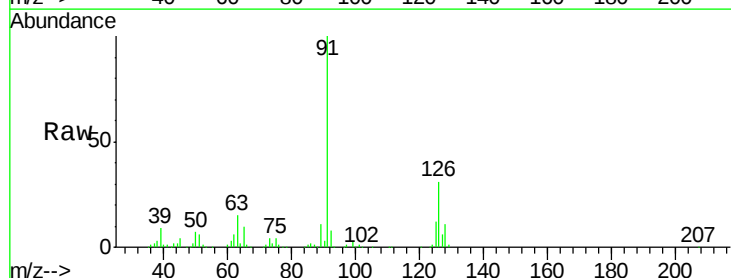
RT: 12.99 min Scan# 1818

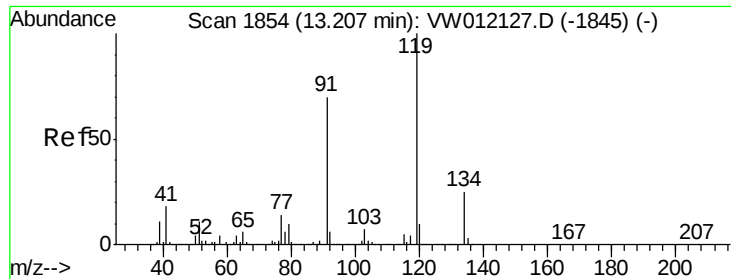
Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion:	91	Resp:	94440
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.8





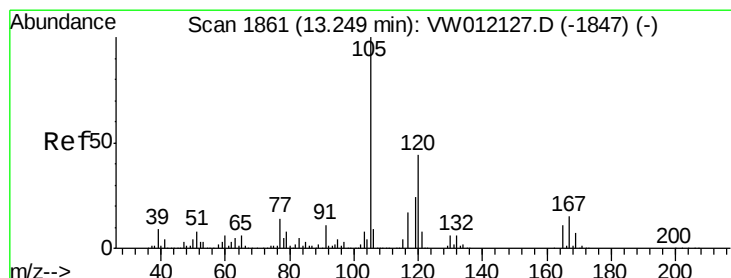
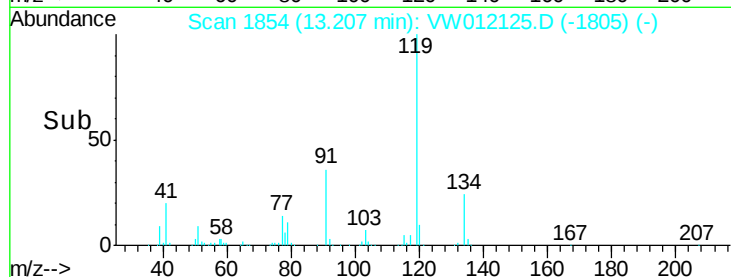
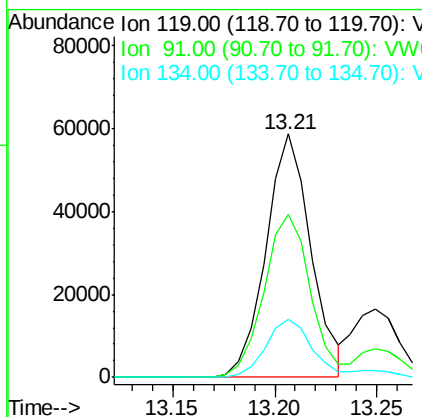
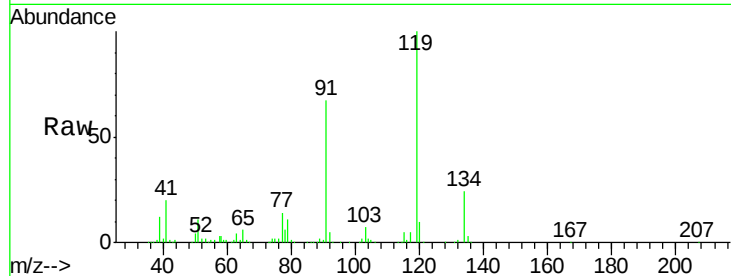
#83
tert-Butylbenzene
Concen: 9.722 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	34.8	104.3
134	24.5	13.3	39.8

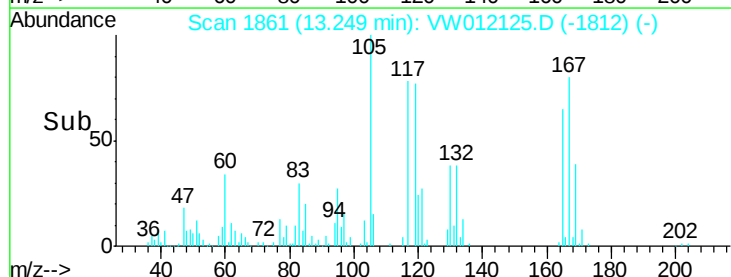
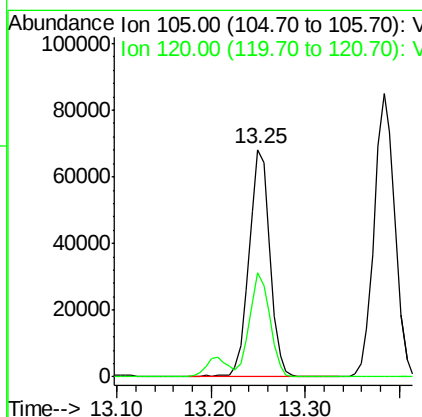
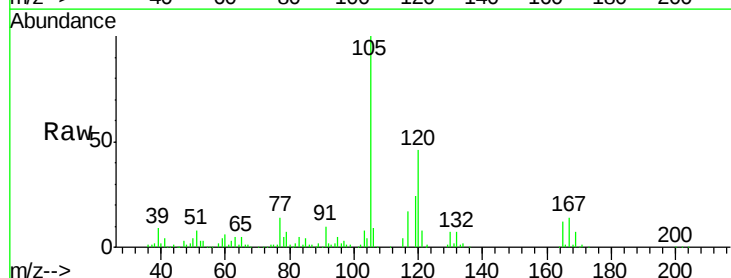
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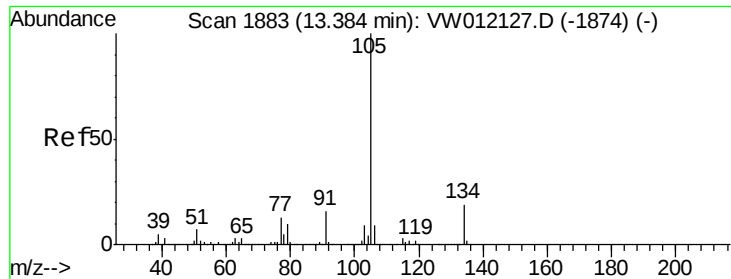
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#84
1,2,4-Trimethylbenzene
Concen: 9.678 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.2	21.9	65.7





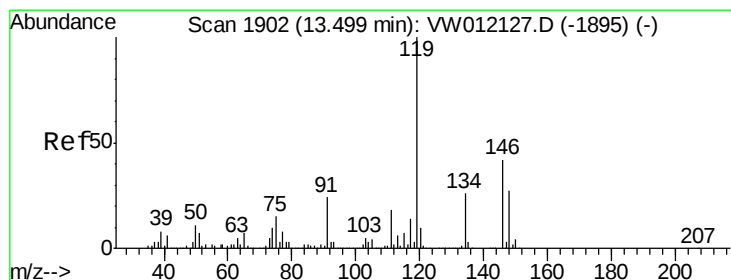
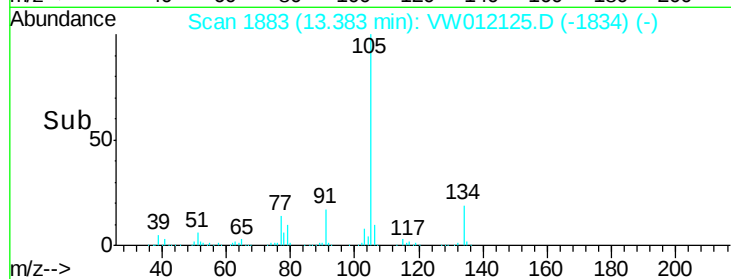
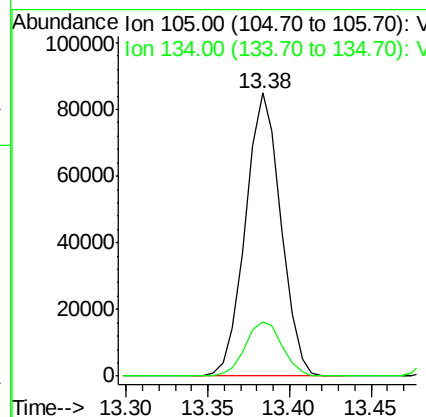
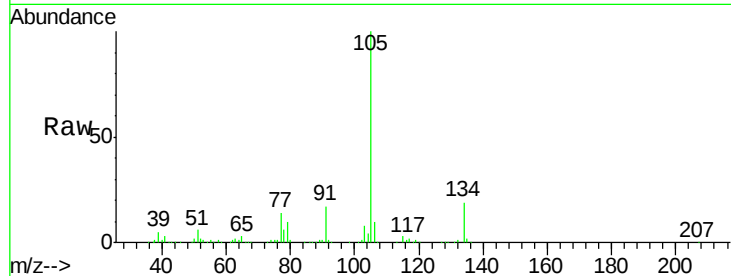
#85
 sec-Butylbenzene
 Concen: 9.695 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
105	100	128795		
134	19.9	9.8	29.4	

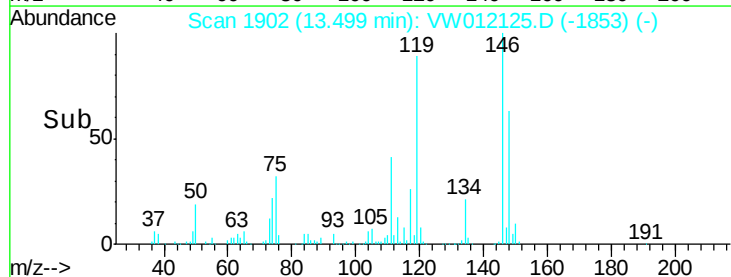
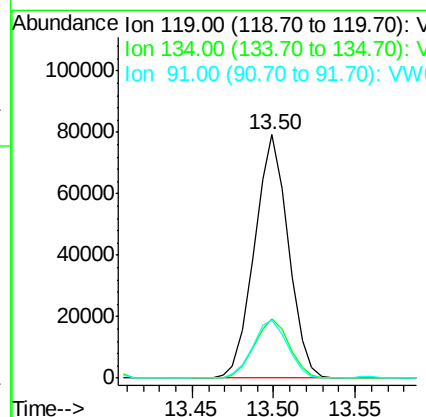
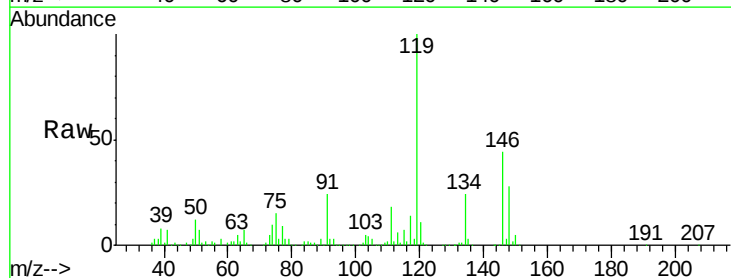
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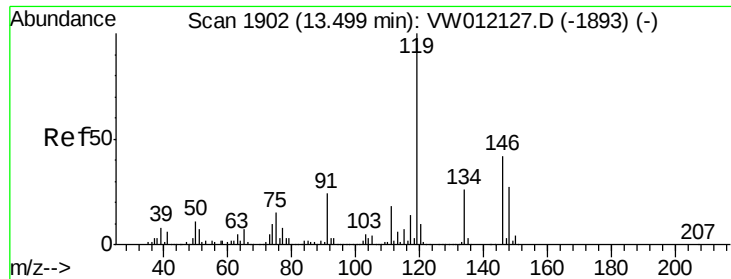
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#86
 p-Isopropyltoluene
 Concen: 9.687 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	114927		
134	25.3	12.8	38.3	
91	24.4	12.3	36.9	





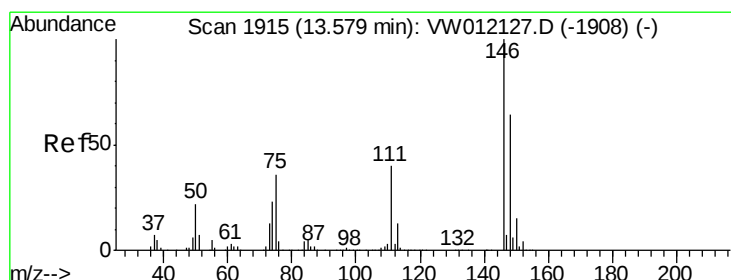
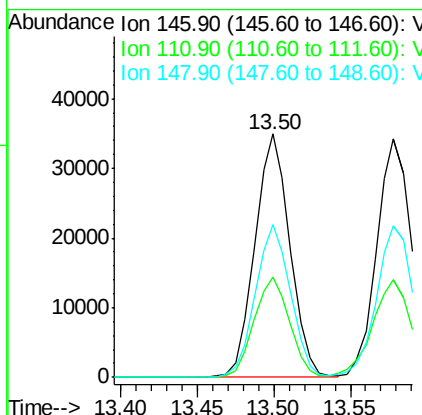
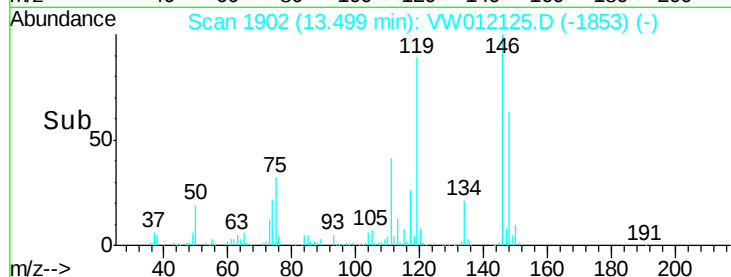
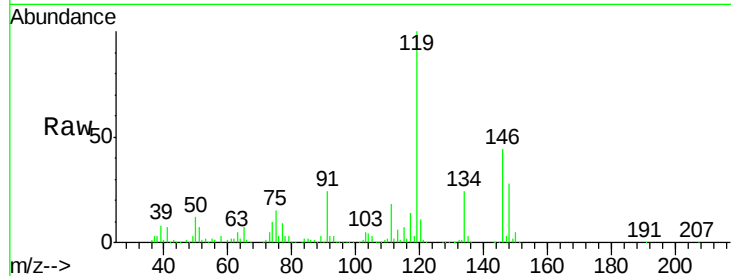
#87
 1,3-Dichlorobenzene
 Concen: 10.028 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	20.9	62.7
148	62.9	32.2	96.6

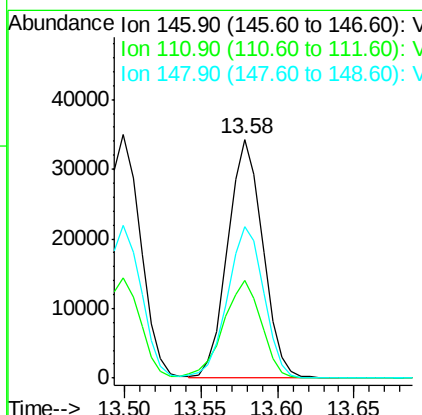
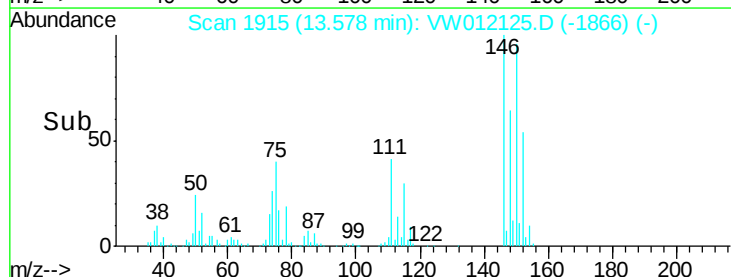
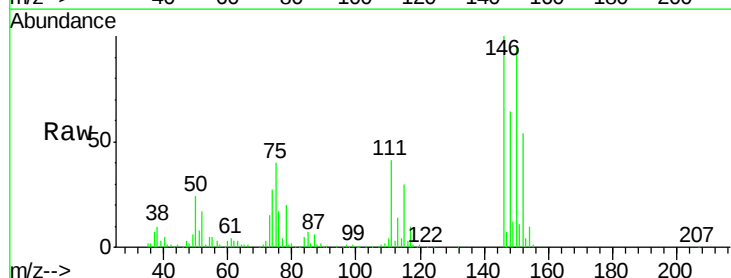
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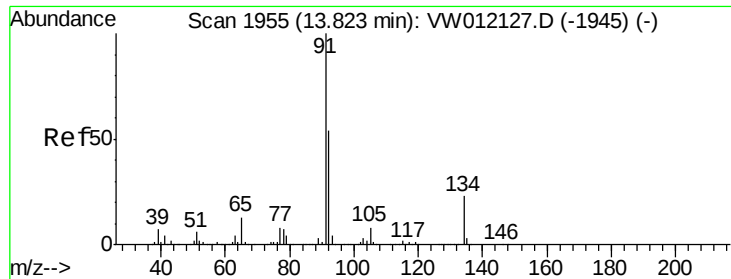
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#88
 1,4-Dichlorobenzene
 Concen: 9.926 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.1	20.0	60.0
148	65.9	32.1	96.3





#89

n-Butylbenzene

Concen: 9.523 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Instrument :

MSVOA_W

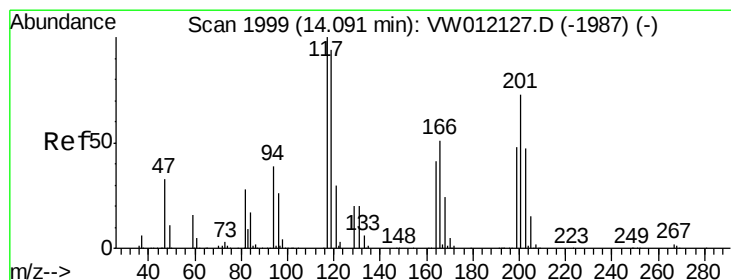
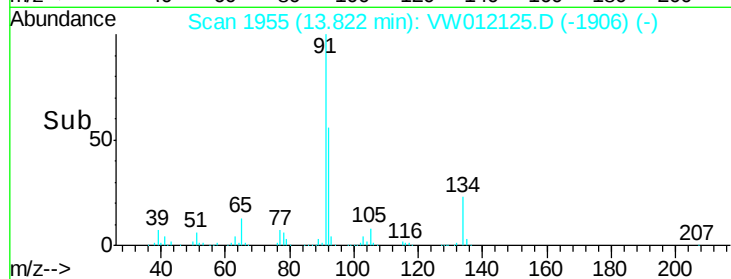
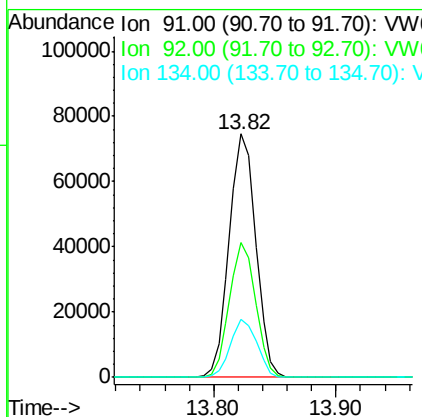
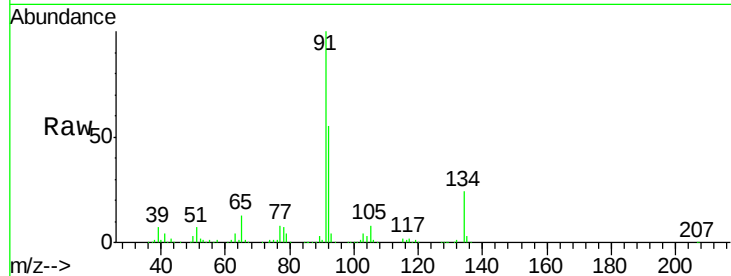
ClientSampleId :

VSTDIC010

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		112361		
92	54.6	27.1	81.2		
134	23.8	12.2	36.4		

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#90

Hexachloroethane

Concen: 9.263 ug/l

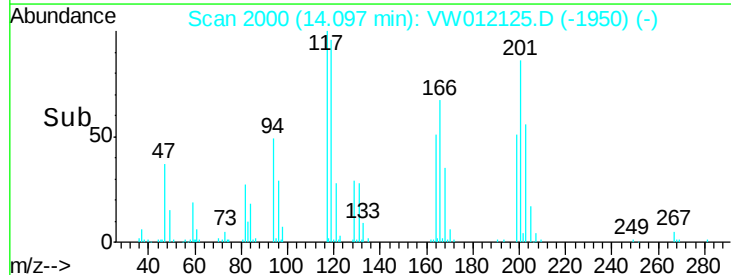
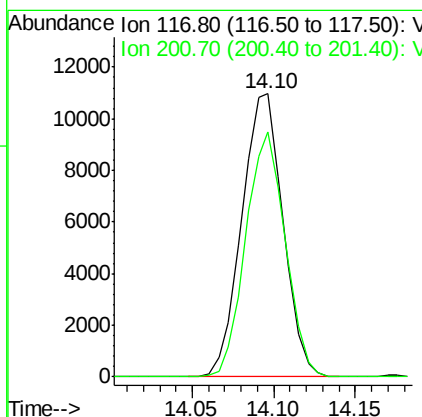
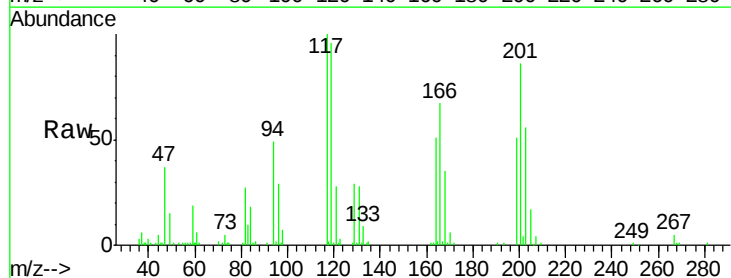
RT: 14.10 min Scan# 2000

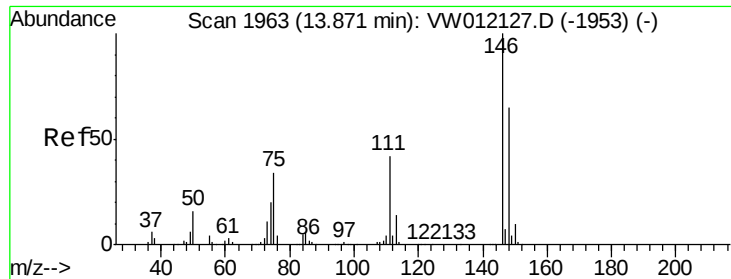
Delta R.T. 0.01 min

Lab File: VW012125.D

Acq: 23 Aug 2019 10:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		19281		
201	82.7	38.6	115.7		





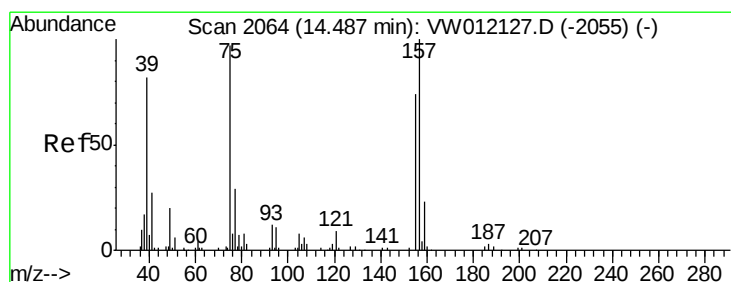
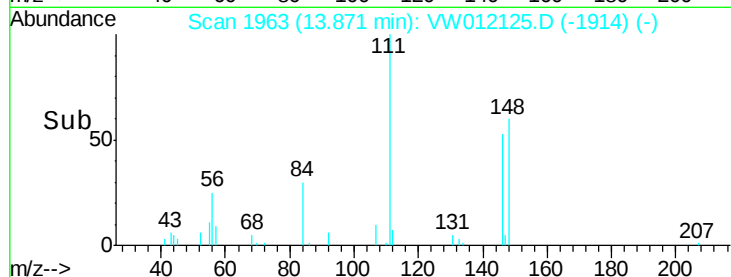
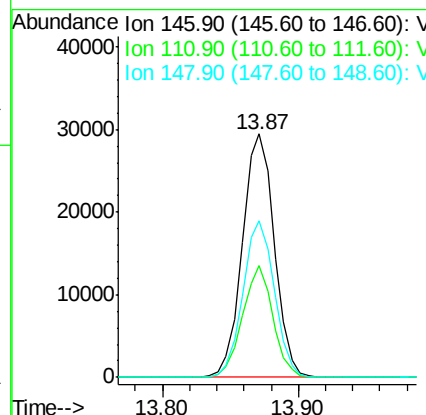
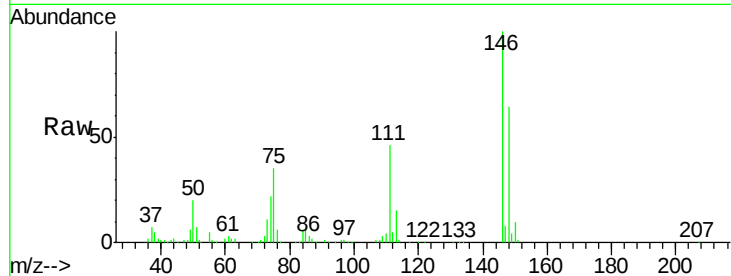
#91
 1,2-Dichlorobenzene
 Concen: 9.929 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	21.2	63.6
148	63.4	32.5	97.4

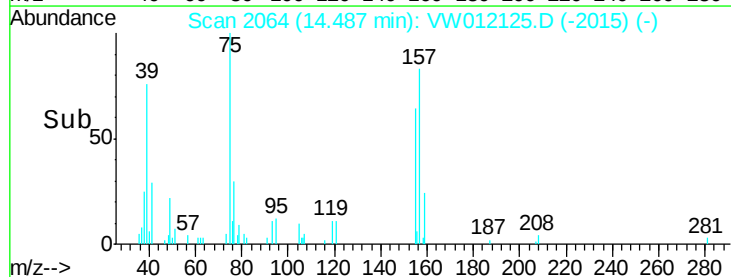
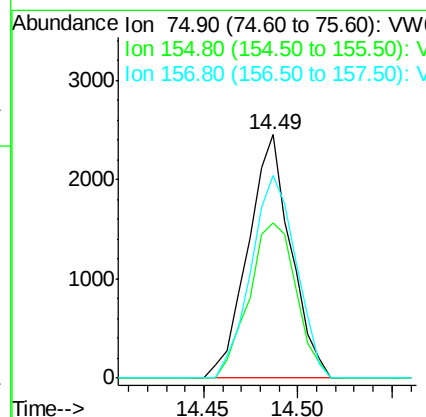
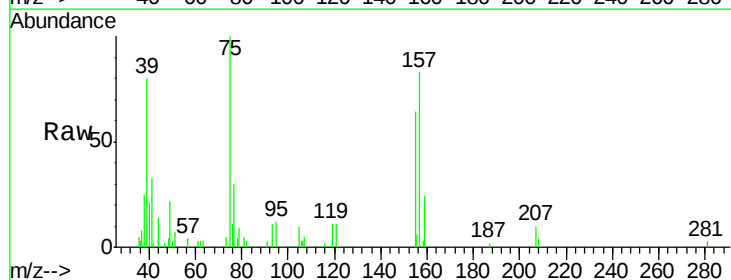
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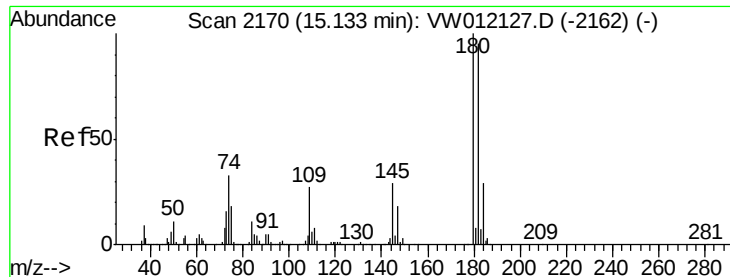
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.538 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW012125.D
 Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.7	37.5	112.3
157	87.5	50.5	151.5





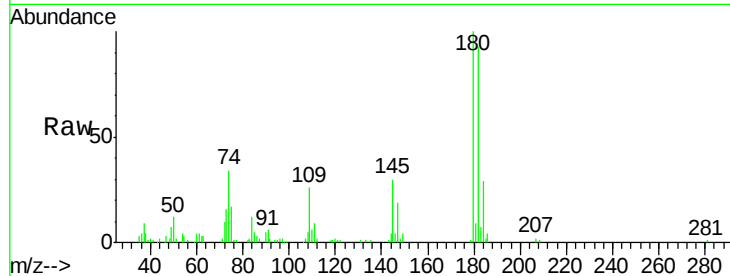
#93
1,2,4-Trichlorobenzene
Concen: 9.182 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	96.1	47.8	143.4	
145	30.1	15.0	45.1	

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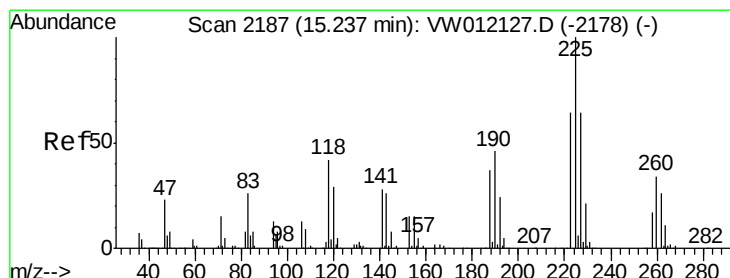
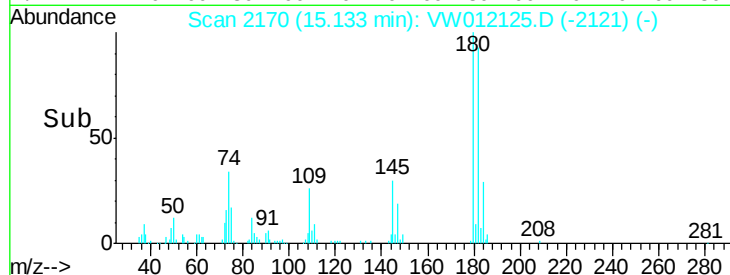
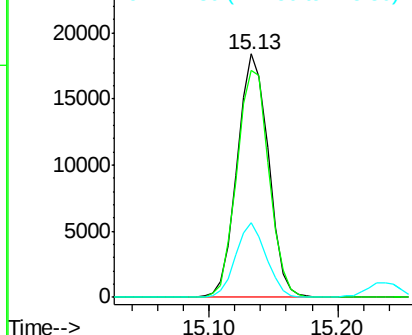


Abundance

Ion 179.80 (179.50 to 180.50): V

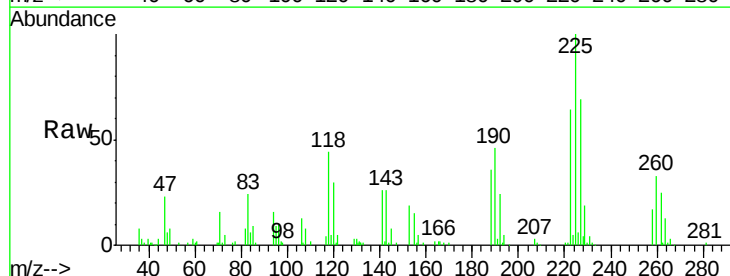
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 9.783 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. -0.00 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.4	32.3	96.8	
227	66.0	32.9	98.6	

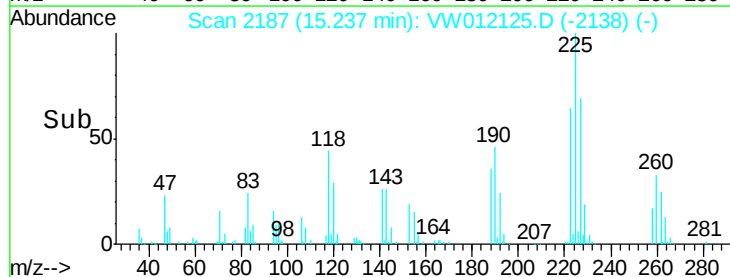
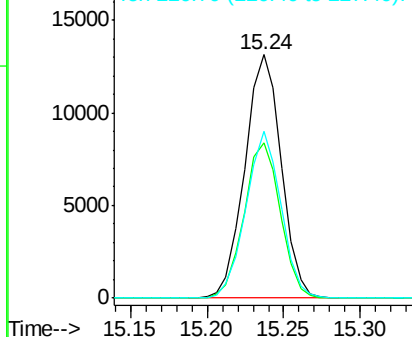


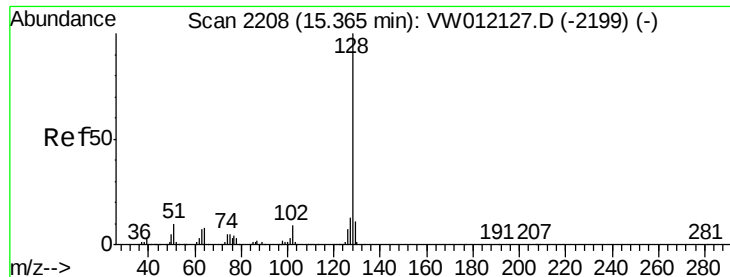
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





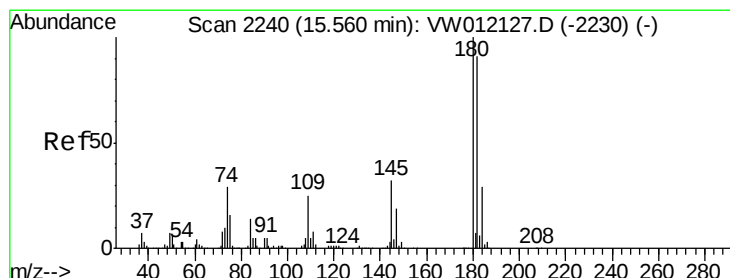
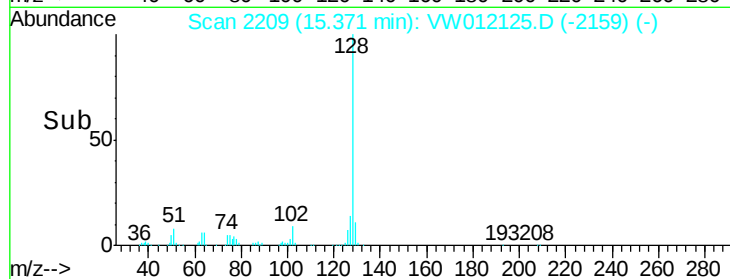
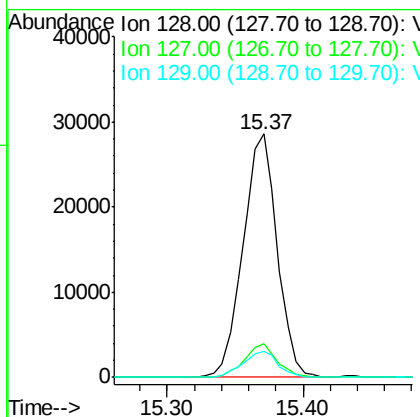
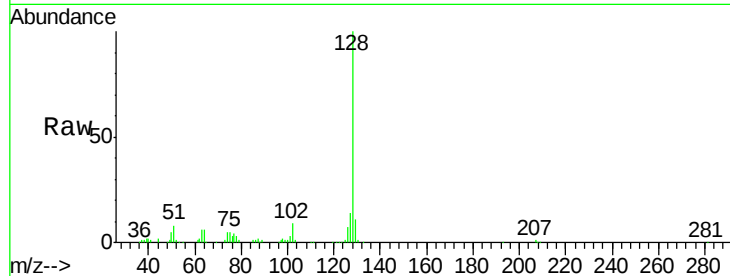
#95
Naphthalene
Concen: 8.519 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	128	Resp:	50132
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.7	16.1
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
8/26/2019 11:38:57 AM



#96
1,2,3-Trichlorobenzene
Concen: 9.290 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012125.D
Acq: 23 Aug 2019 10:11

Tgt Ion:	180	Resp:	27239
Ion Ratio	Lower	Upper	
180	100		
182	93.6	47.1	141.3
145	33.6	16.2	48.5

