

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012352.D
 Acq On : 30 Aug 2019 16:07
 Operator : SY/VA
 Sample : K4620-05MS
 Misc : 5.21G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Manual Integrations
 APPROVED

MMDadoda
 8/31/2019 9:11:20 AM

Quant Time: Aug 30 18:00:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	212469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	348744	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	300230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	127926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	139104	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
35) Dibromofluoromethane	7.88	113	109904	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
50) Toluene-d8	10.32	98	431337	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	144789	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	65943	50.405	ug/l	97
3) Chloromethane	2.21	50	106846	52.715	ug/l	100
4) Vinyl Chloride	2.36	62	203269	81.937	ug/l	97
5) Bromomethane	2.75	94	57955	46.129	ug/l	98
6) Chloroethane	2.90	64	72874	52.073	ug/l	92
7) Trichlorofluoromethane	3.24	101	69004	55.395	ug/l	97
8) Diethyl Ether	3.68	74	68047	57.551	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106256	50.182	ug/l	99
10) Methyl Iodide	4.27	142	149282	52.107	ug/l	99
11) Tert butyl alcohol	5.18	59	47795	314.446	ug/l	98
12) 1,1-Dichloroethene	4.03	96	113101	53.070	ug/l	96
13) Acrolein	3.89	56	23806	166.384	ug/l	98
14) Allyl chloride	4.67	41	213169	46.787	ug/l	99
15) Acrylonitrile	5.36	53	176073	300.434	ug/l	100
16) Acetone	4.12	43	169416	262.404	ug/l	100
17) Carbon Disulfide	4.38	76	322838	50.124	ug/l	100
18) Methyl Acetate	4.67	43	123427	77.185	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	204811	59.427	ug/l	100
20) Methylene Chloride	4.91	84	135409	55.479	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	130622	57.156	ug/l	99
22) Diisopropyl ether	6.31	45	484040	57.315	ug/l	96
23) Vinyl Acetate	6.25	43	1355112	260.734	ug/l	100
24) 1,1-Dichloroethane	6.21	63	264835	57.595	ug/l	99
25) 2-Butanone	7.17	43	259052	295.270	ug/l #	83
26) 2,2-Dichloropropane	7.17	77	137367	52.779	ug/l #	1
27) cis-1,2-Dichloroethene	7.17	96	2547330	1043.263	ug/l	93
28) Bromochloromethane	7.51	49	115933	57.847	ug/l	99
29) Tetrahydrofuran	7.53	42	163731	311.059	ug/l	100
30) Chloroform	7.67	83	230976	54.904	ug/l	100
31) Cyclohexane	7.95	56	215016	47.263	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	181374	54.499	ug/l	100
36) 1,1-Dichloropropene	8.08	75	185496	51.471	ug/l	100
37) Ethyl Acetate	7.25	43	111966	56.696	ug/l #	83
38) Carbon Tetrachloride	8.07	117	159976	51.287	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	189306	46.758	ug/l	100
40) Benzene	8.32	78	526615	53.514	ug/l	100
41) Methacrylonitrile	7.48	41	68989	59.438	ug/l	98
42) 1,2-Dichloroethane	8.40	62	172375	55.891	ug/l	99
43) Isopropyl Acetate	8.42	43	213588	58.388	ug/l	99
44) Trichloroethene	9.09	130	141800	59.276	ug/l	96
45) 1,2-Dichloropropane	9.37	63	143194	54.068	ug/l	98
46) Dibromomethane	9.46	93	65274	55.394	ug/l	99
47) Bromodichloromethane	9.64	83	171527	54.694	ug/l	99
48) Methyl methacrylate	9.43	41	104129	59.808	ug/l	96
49) 1,4-Dioxane	9.46	88	19165	1062.406	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	554194	297.857	ug/l	100
52) Toluene	10.39	92	315315	53.337	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	174190	54.528	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	206534	53.545	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	93997	56.380	ug/l	99
56) Ethyl methacrylate	10.65	69	137804	56.792	ug/l	98
57) 1,3-Dichloropropane	10.93	76	176737	56.096	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	299950	240.861	ug/l	100
59) 2-Hexanone	10.97	43	368960	280.258	ug/l	100
60) Dibromochloromethane	11.13	129	104278	56.154	ug/l	100
61) 1,2-Dibromoethane	11.23	107	87690	56.457	ug/l	99
64) Tetrachloroethene	10.86	164	97087	49.878	ug/l	98
65) Chlorobenzene	11.66	112	309476	52.349	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	113786	55.172	ug/l	99
67) Ethyl Benzene	11.73	91	600349	52.717	ug/l	98
68) m/p-Xylenes	11.83	106	425632	103.759	ug/l	100
69) o-Xylene	12.16	106	201394	53.045	ug/l	98
70) Styrene	12.18	104	308533	46.949	ug/l	98
71) Bromoform	12.35	173	57736	56.189	ug/l	99
73) Isopropylbenzene	12.46	105	553898	57.784	ug/l	99
74) N-amyl acetate	12.27	43	157953	54.540	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	111115	63.229	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	91831m	73.706	ug/l	
77) Bromobenzene	12.74	156	121065	58.380	ug/l	98
78) n-propylbenzene	12.80	91	646388	55.237	ug/l	99
79) 2-Chlorotoluene	12.89	91	375007	56.444	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	450178	56.204	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	31768	55.905	ug/l	97
82) 4-Chlorotoluene	12.99	91	381181	54.794	ug/l	100
83) tert-Butylbenzene	13.21	119	381223	56.187	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	448410	55.731	ug/l	100
85) sec-Butylbenzene	13.38	105	517565	53.244	ug/l	99
86) p-Isopropyltoluene	13.50	119	459935	52.981	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	214330	52.840	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	209654	52.056	ug/l	99
89) n-Butylbenzene	13.82	91	420646	48.726	ug/l	100
90) Hexachloroethane	14.09	117	80010	52.532	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	190082	53.419	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17625	59.492	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	92672	37.686	ug/l	99
94) Hexachlorobutadiene	15.24	225	62273	38.353	ug/l	97
95) Naphthalene	15.36	128	198760	41.952	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	81635	38.050	ug/l	100

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

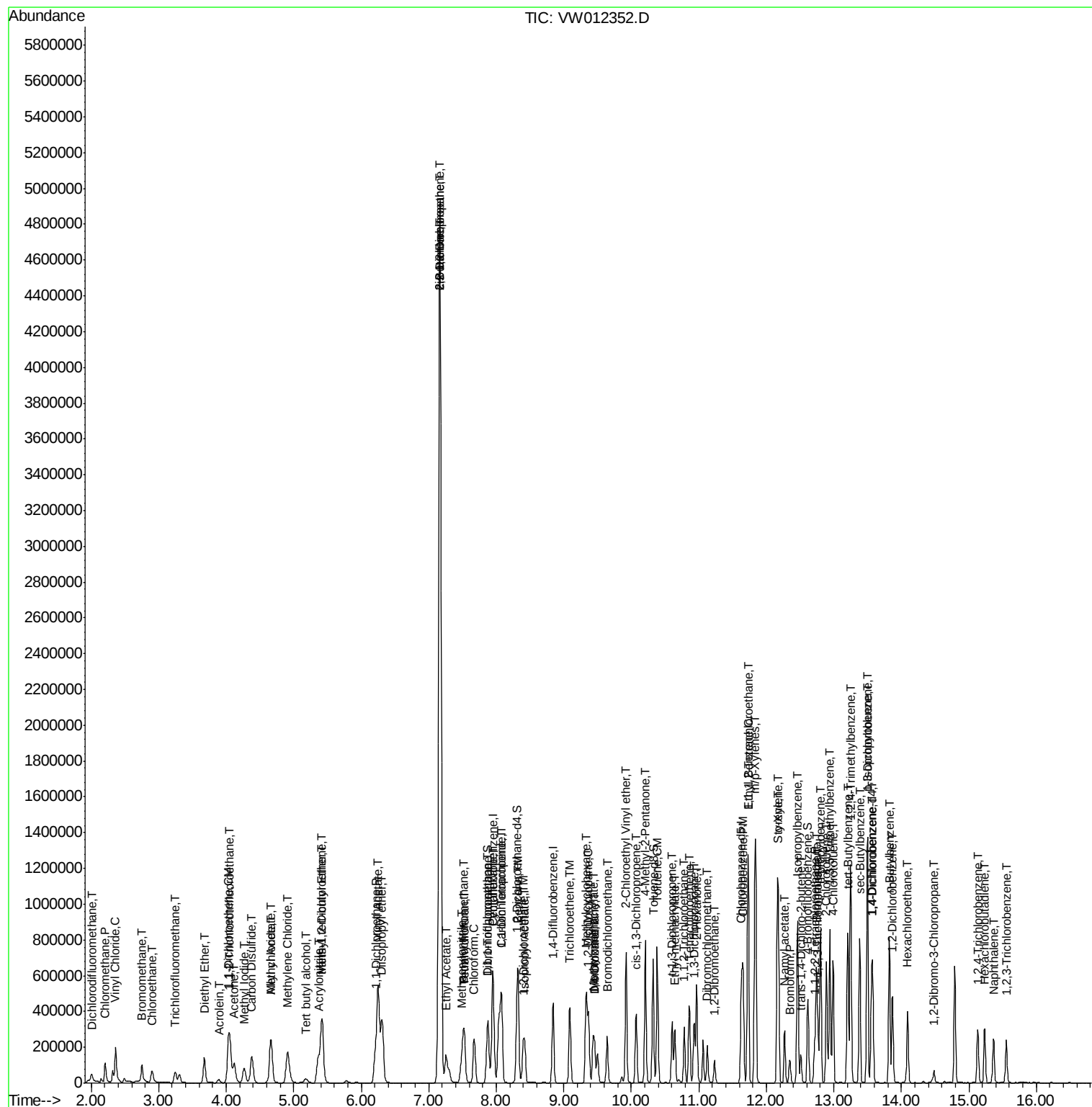
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion:168 Resp: 212469

Ion Ratio Lower Upper

168 100

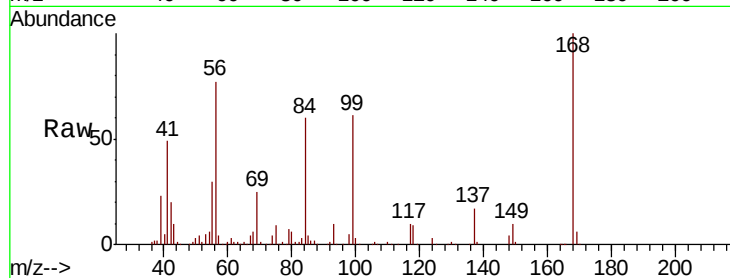
99 60.6 49.2 73.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

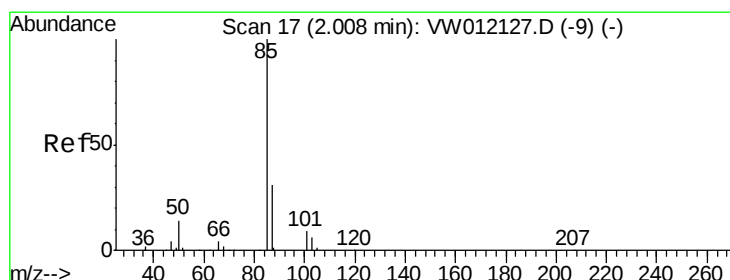
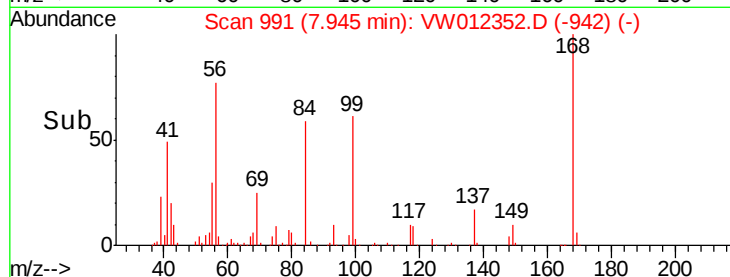
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 50.405 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW012352.D

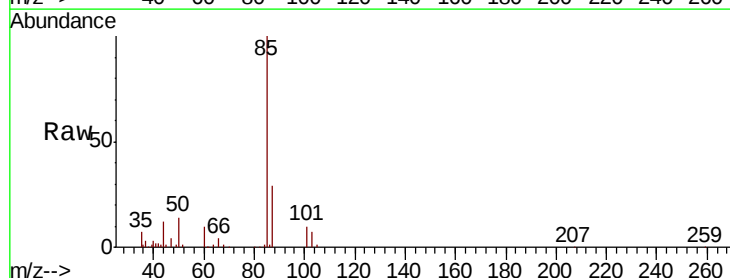
Acq: 30 Aug 2019 16:07

Tgt Ion: 85 Resp: 65943

Ion Ratio Lower Upper

85 100

87 29.4 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

25000

20000

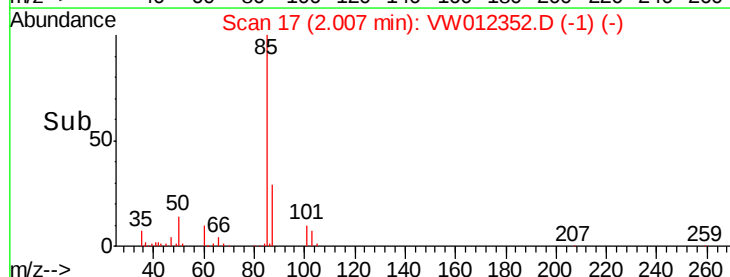
15000

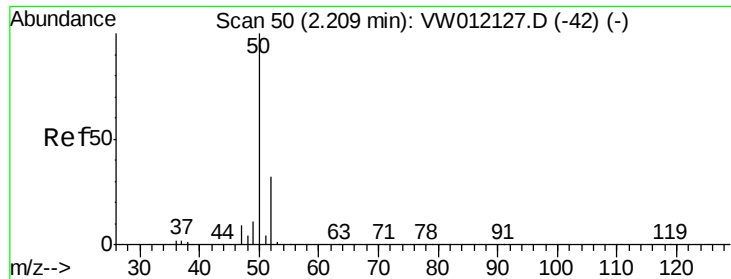
10000

5000

0

Time--> 1.90 2.00 2.10 2.20 2.30





#3

Chloromethane

Concen: 52.715 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

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ClientSampleId :

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Tot Ion: 50 Resp: 106846

Ion Ratio Lower Upper

50 100

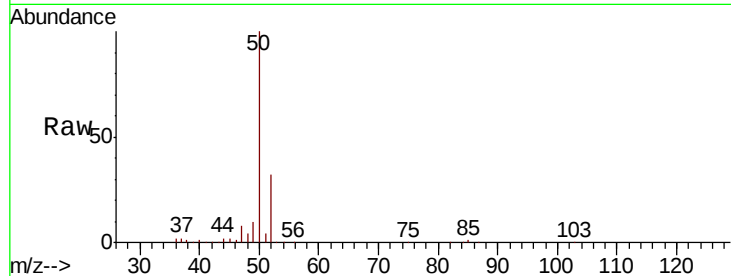
52 31.9 25.5 38.3

Manual Integrations

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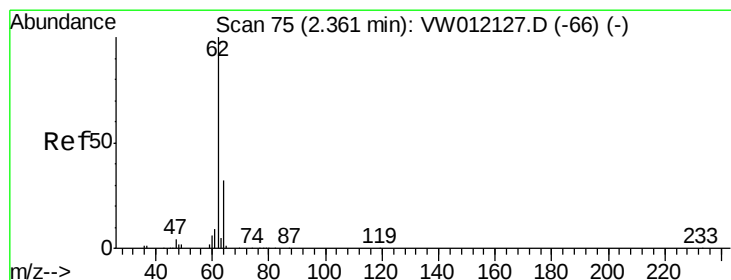
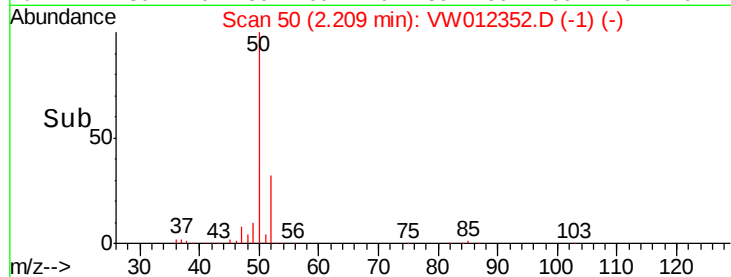
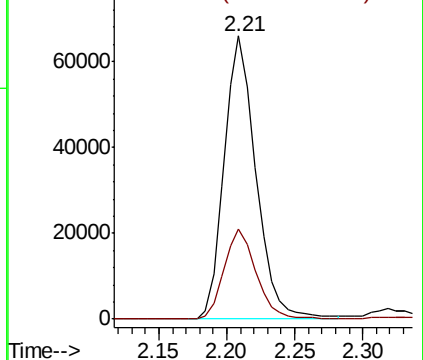
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 81.937 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW012352.D

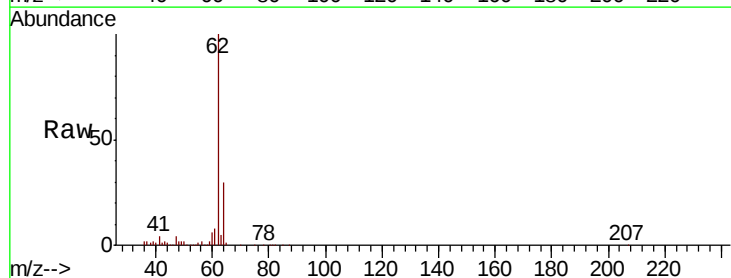
Acq: 30 Aug 2019 16:07

Tgt Ion: 62 Resp: 203269

Ion Ratio Lower Upper

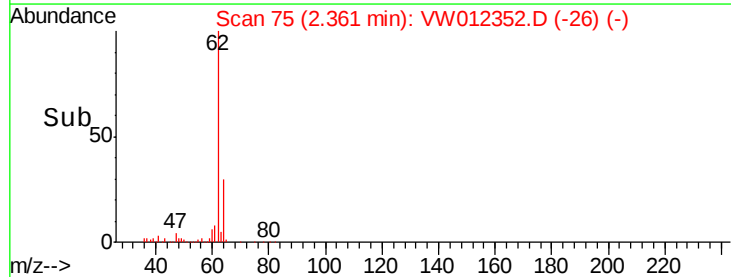
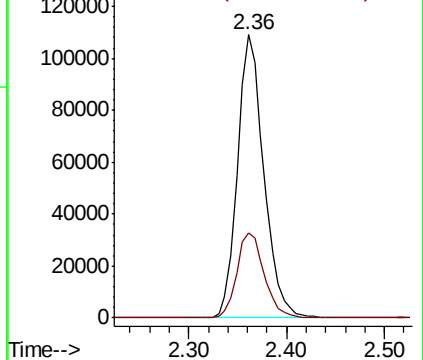
62 100

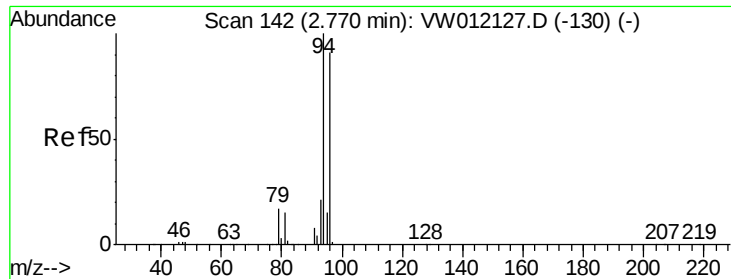
64 30.0 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 46.129 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

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Tot Ion: 94 Resp: 57955

Ion Ratio Lower Upper

94 100

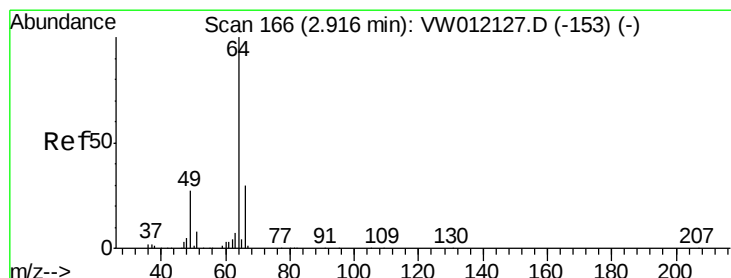
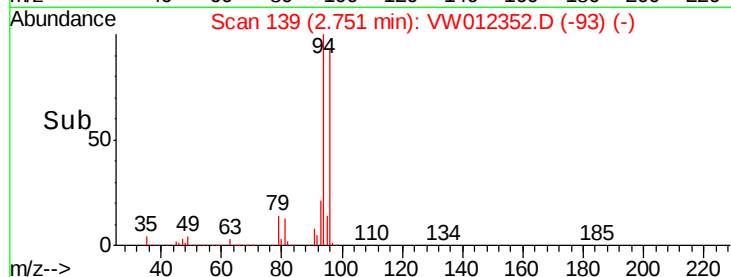
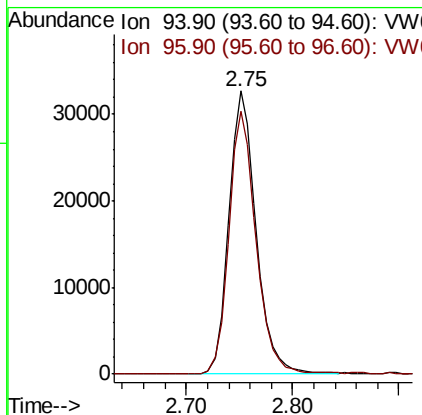
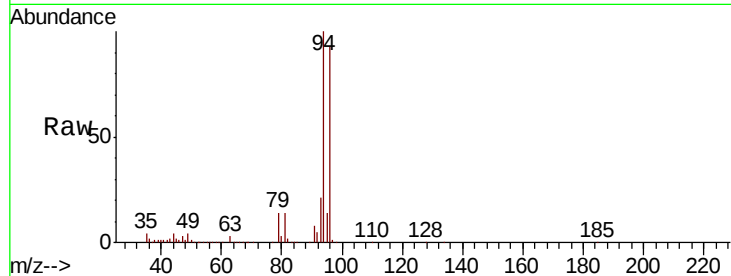
96 93.2 72.9 109.3

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#6

Chloroethane

Concen: 52.073 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW012352.D

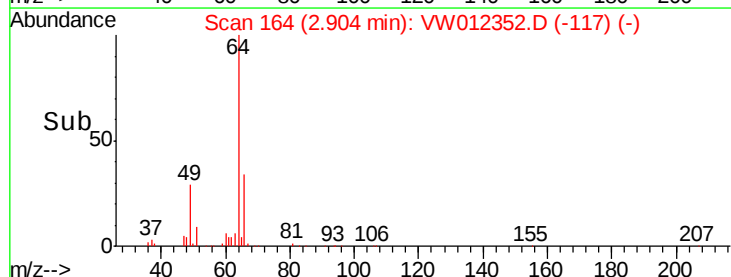
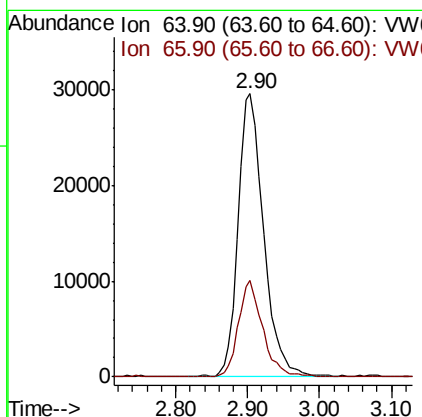
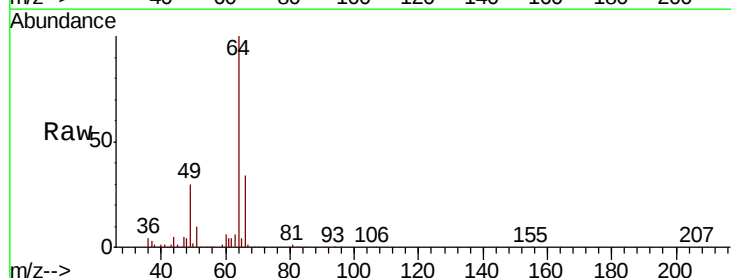
Acq: 30 Aug 2019 16:07

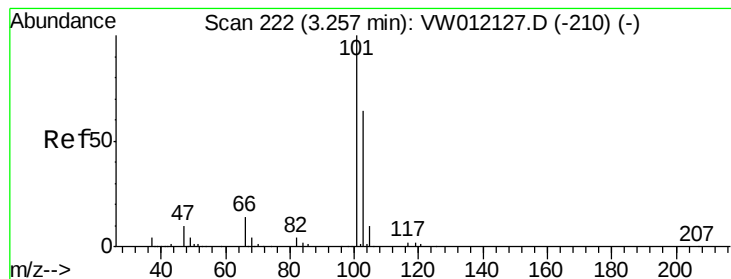
Tgt Ion: 64 Resp: 72874

Ion Ratio Lower Upper

64 100

66 34.2 23.8 35.8





#7

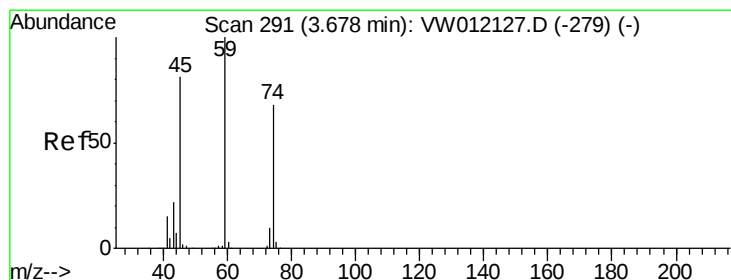
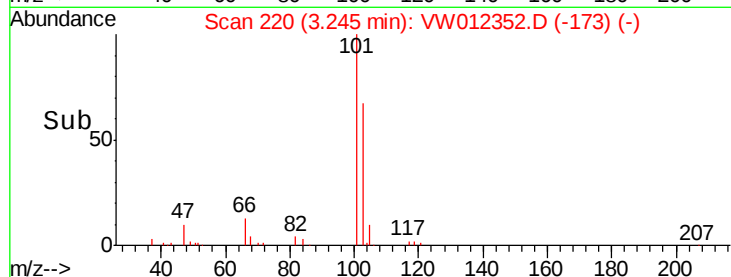
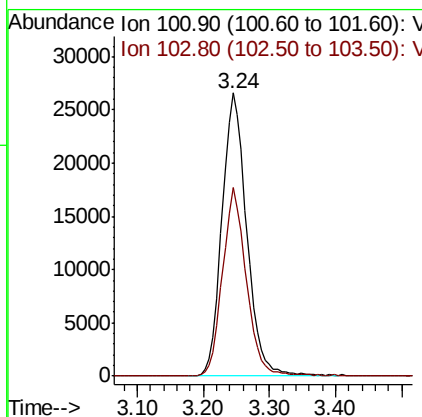
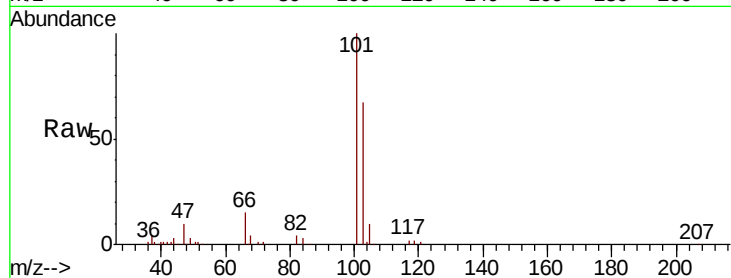
Trichlorofluoromethane
 Concen: 55.395 ug/l
 RT: 3.24 min Scan# 220
 Delta R.T. -0.01 min
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	69004		
103	66.6	51.2	76.8	

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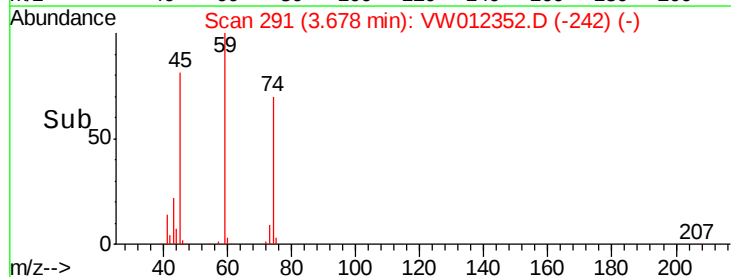
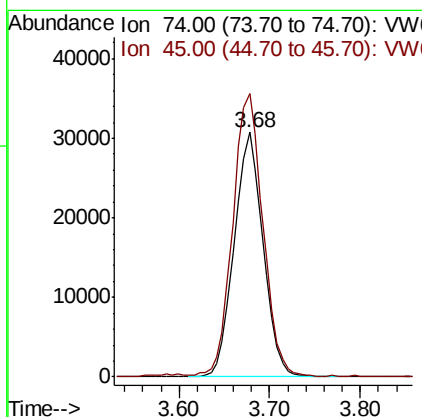
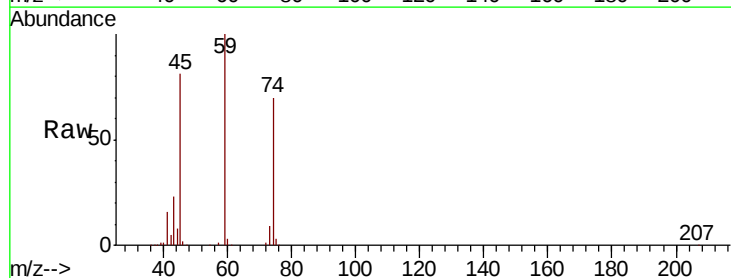
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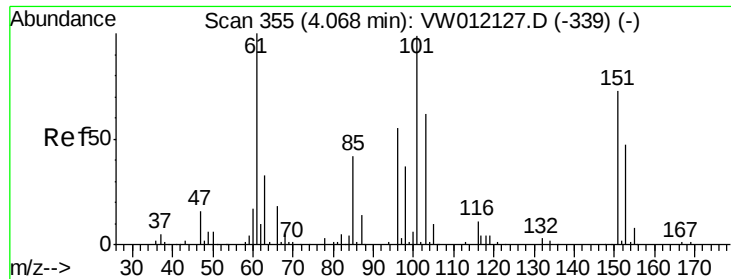


#8

Diethyl Ether
 Concen: 57.551 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	68047		
45	120.1	59.2	177.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.182 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

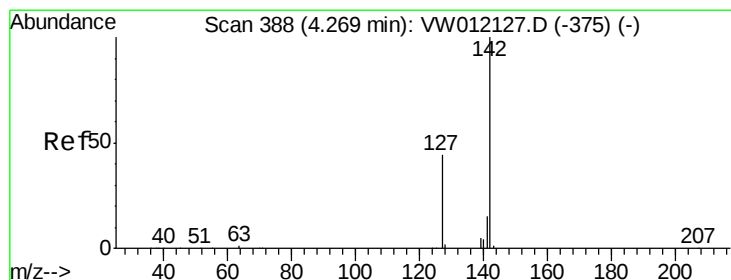
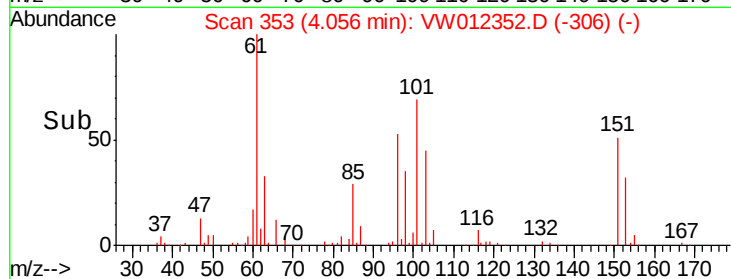
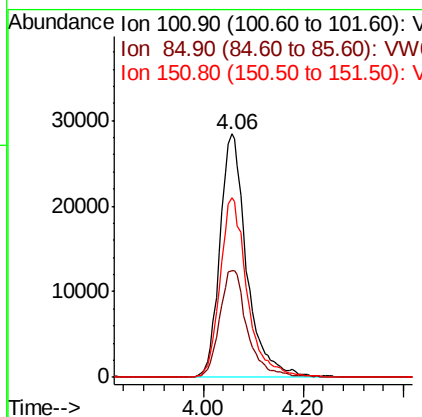
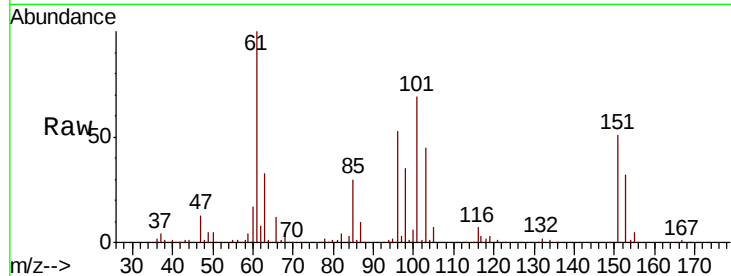
ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion:	101	Resp:	106256
Ion Ratio	Lower	Upper	
101	100		
85	45.6	35.8	53.6
151	74.5	58.6	87.8

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#10

Methyl Iodide

Concen: 52.107 ug/l

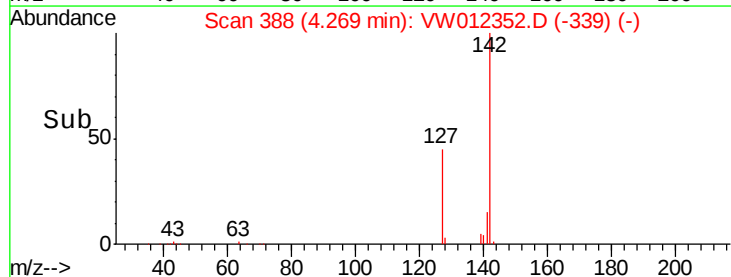
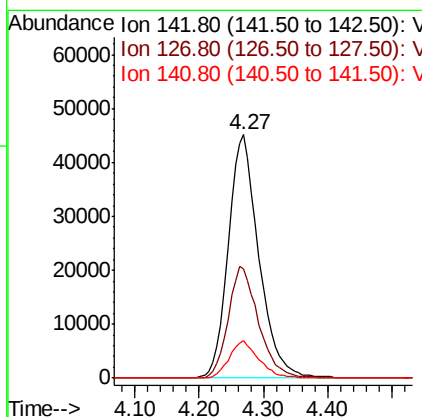
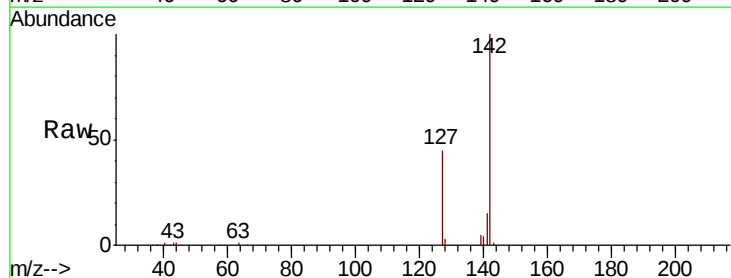
RT: 4.27 min Scan# 388

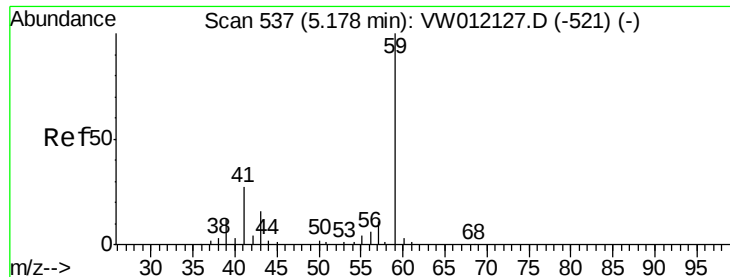
Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion:	142	Resp:	149282
Ion Ratio	Lower	Upper	
142	100		
127	45.4	35.5	53.3
141	14.9	11.8	17.8





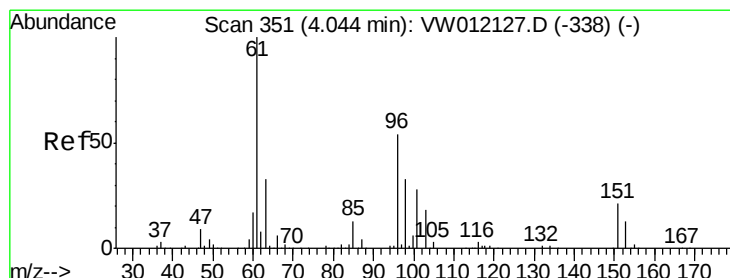
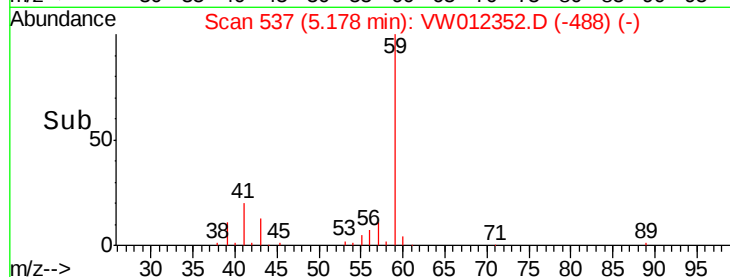
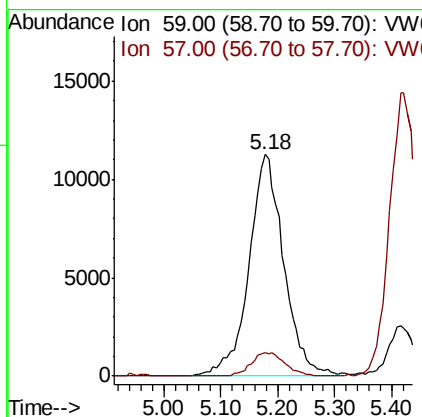
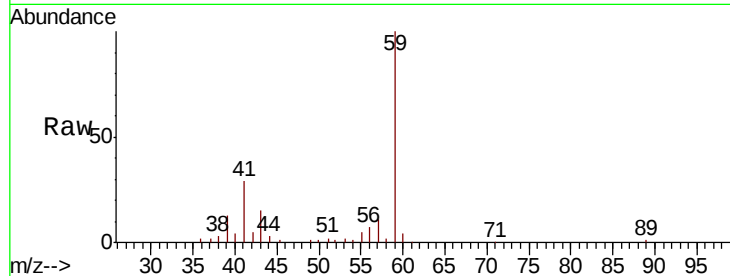
#11
Tert butyl alcohol
Concen: 314.446 ug/l
RT: 5.18 min Scan# 537
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	9.0	13.4

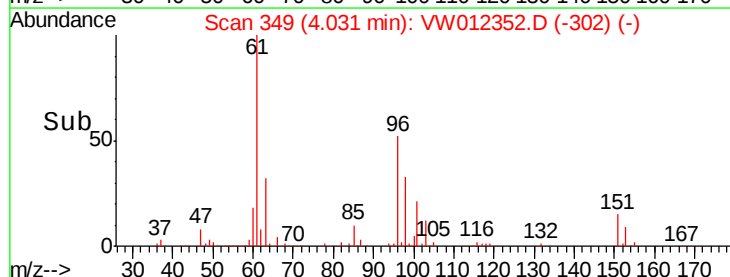
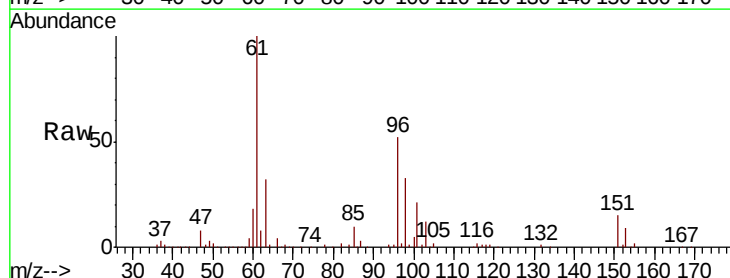
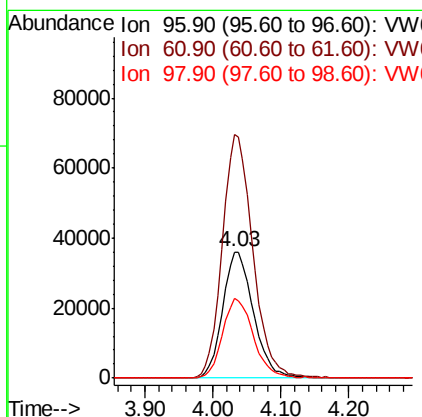
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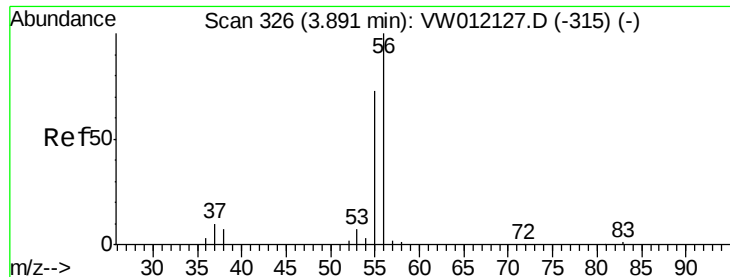
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#12
1,1-Dichloroethene
Concen: 53.070 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
96	100		
61	193.0	149.1	223.7
98	63.4	49.4	74.2





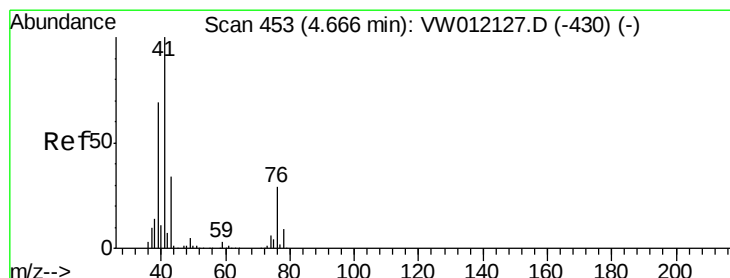
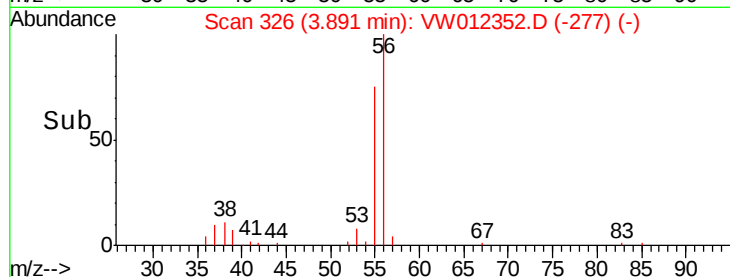
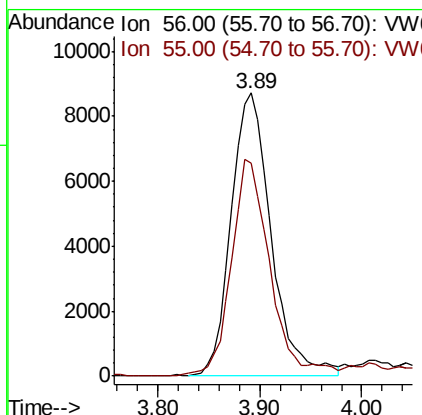
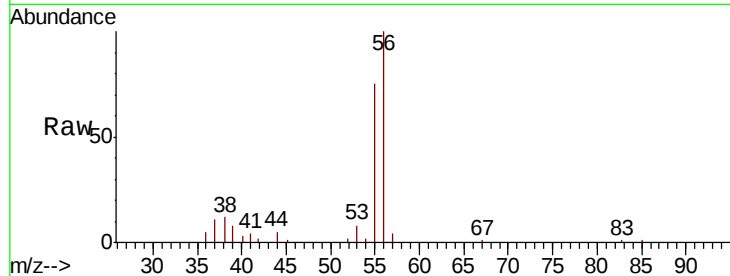
#13
Acrolein
Concen: 166.384 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	56	Resp	23806
Ion Ratio	100	Lower	Upper
56	100		
55	71.3	55.8	83.8

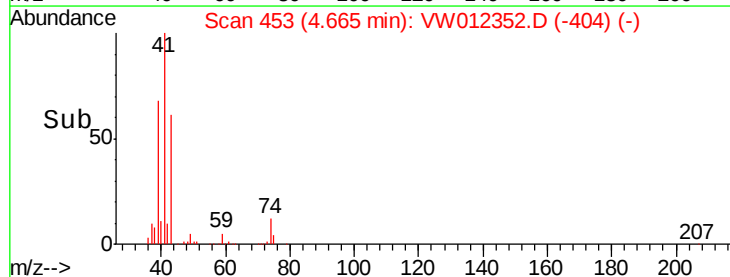
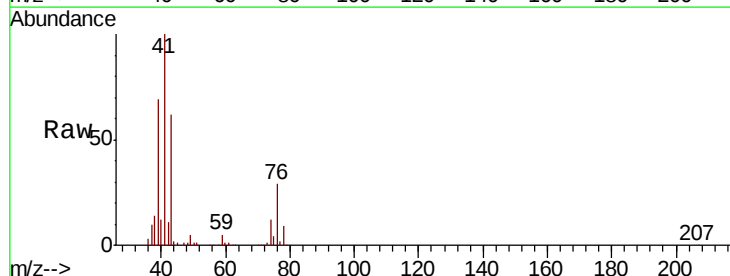
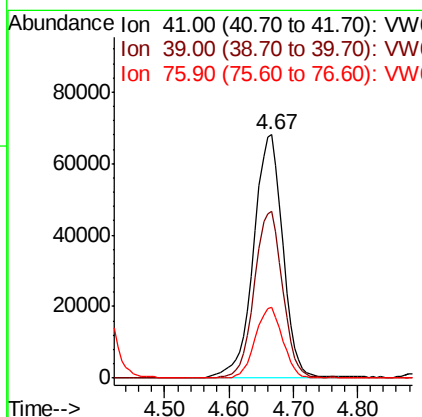
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#14
Allyl chloride
Concen: 46.787 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	41	Resp	213169
Ion Ratio	100	Lower	Upper
41	100		
39	66.0	53.4	80.2
76	27.1	22.1	33.1





#15

Acrylonitrile

Concen: 300.434 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

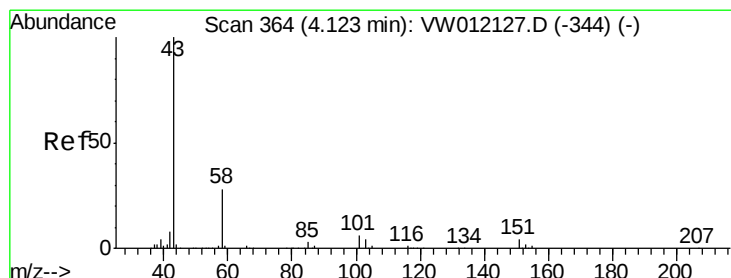
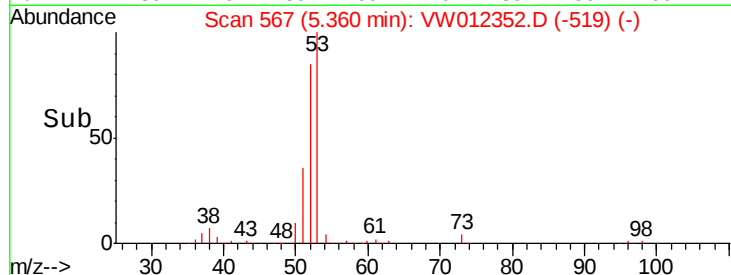
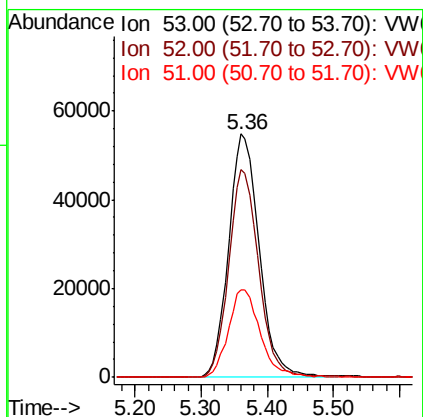
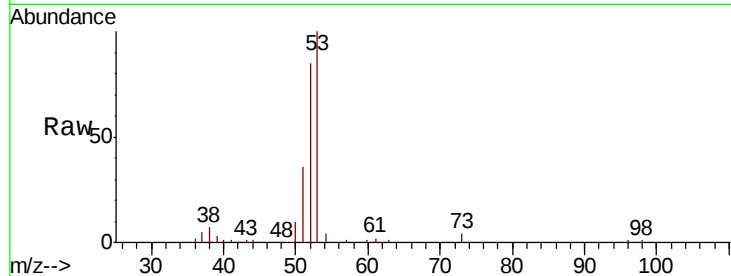
ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion:	53	Resp:	176073
Ion Ratio	Lower	Upper	
53	100		
52	83.5	66.7	100.1
51	37.7	30.1	45.1

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#16

Acetone

Concen: 262.404 ug/l

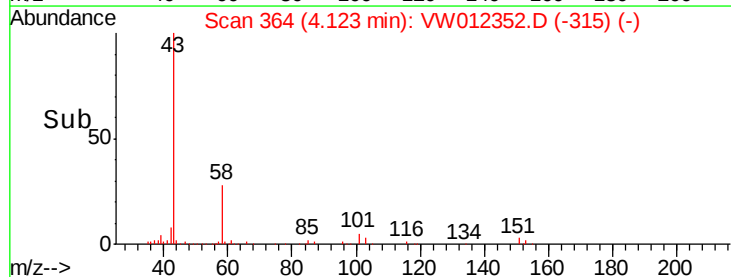
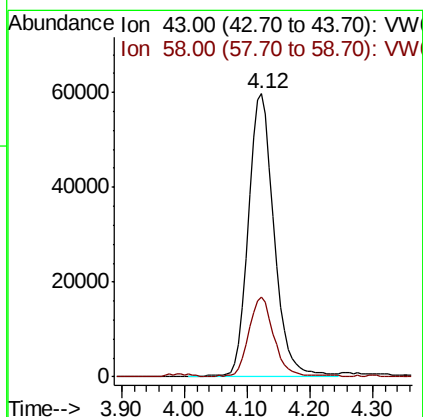
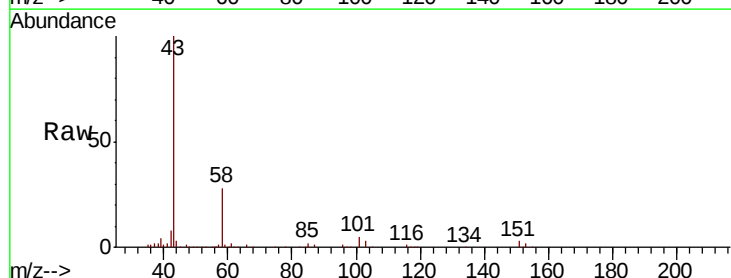
RT: 4.12 min Scan# 364

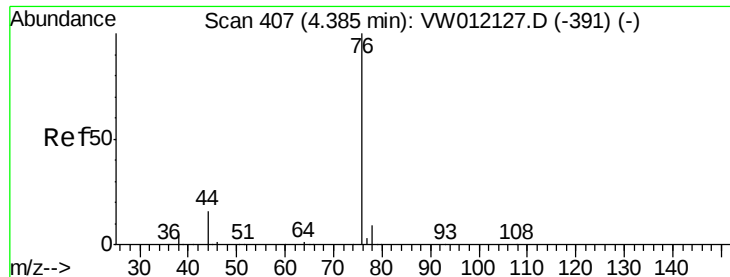
Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion:	43	Resp:	169416
Ion Ratio	Lower	Upper	
43	100		
58	27.9	22.4	33.6





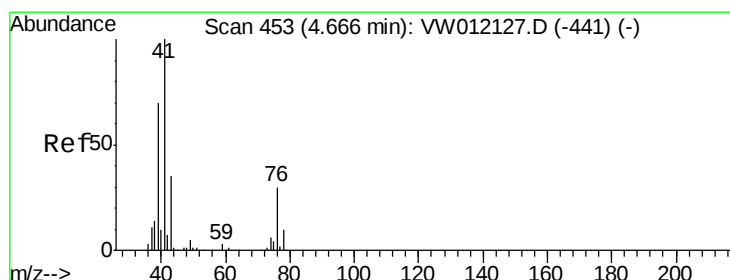
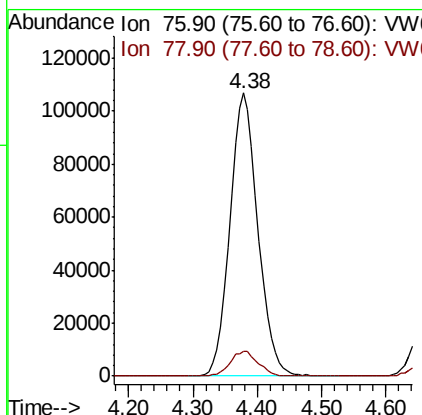
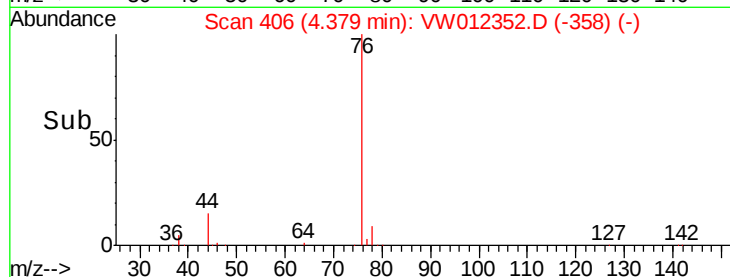
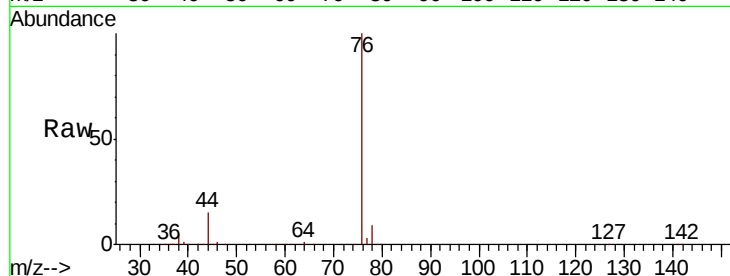
#17
Carbon Disulfide
Concen: 50.124 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.3	10.9

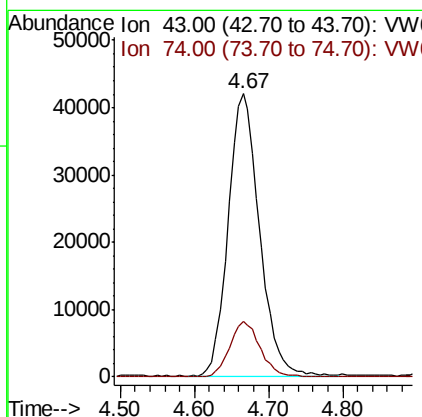
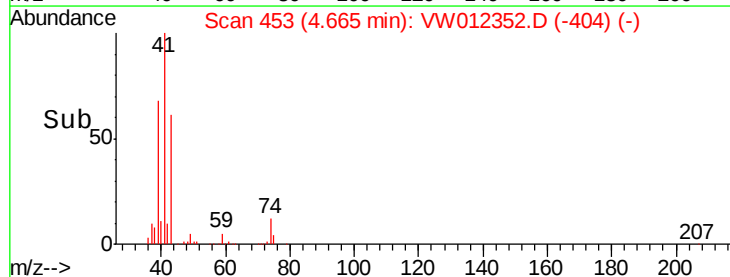
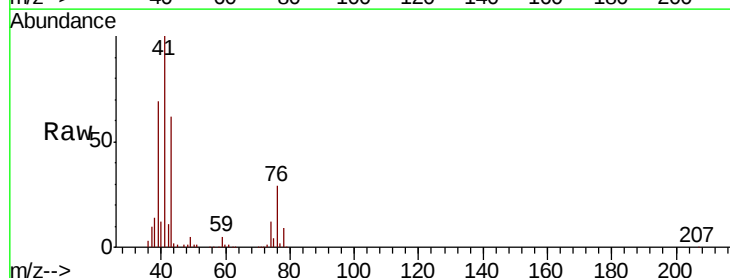
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#18
Methyl Acetate
Concen: 77.185 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.2	15.7	23.5





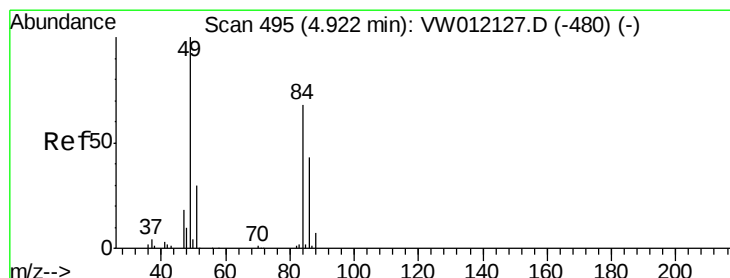
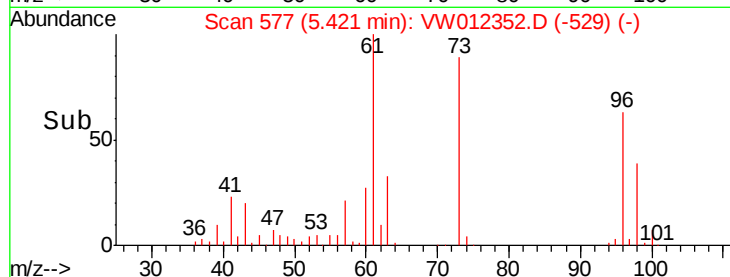
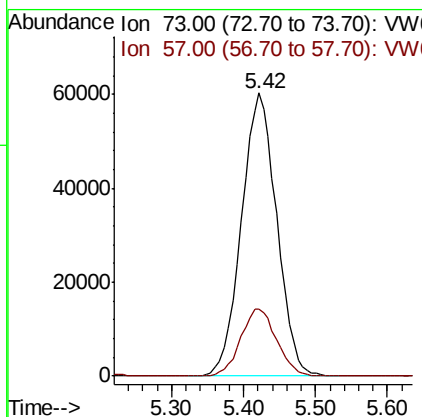
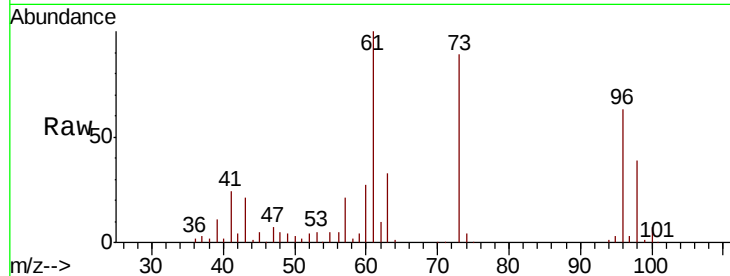
#19
Methvl tert-butvl Ether
Concen: 59.427 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion: 73 Resp: 204811
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3

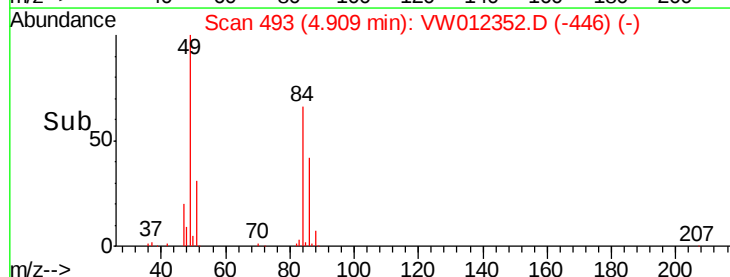
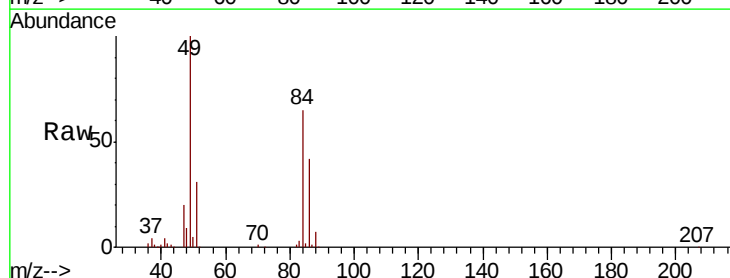
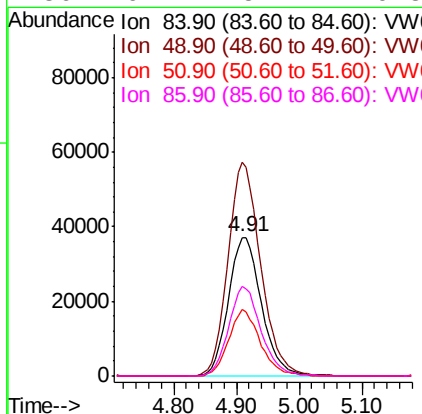
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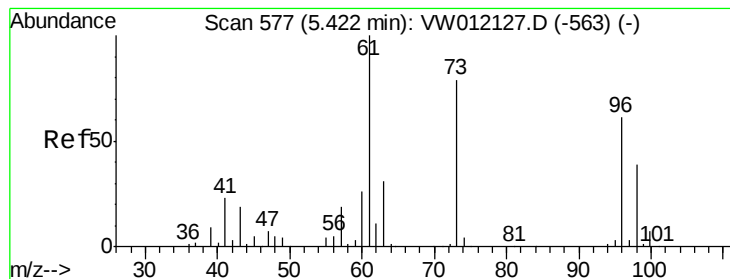
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#20
Methylene Chloride
Concen: 55.479 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion: 84 Resp: 135409
Ion Ratio Lower Upper
84 100
49 153.8 117.8 176.8
51 47.9 35.6 53.4
86 64.1 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 57.156 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

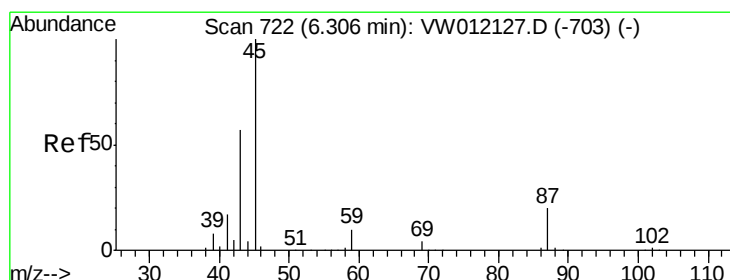
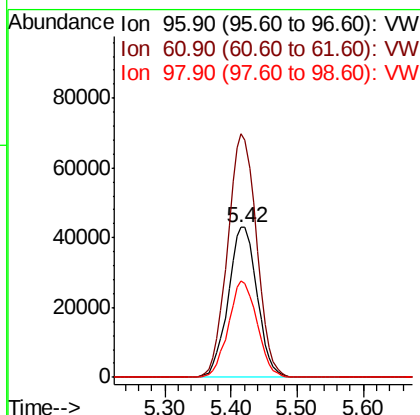
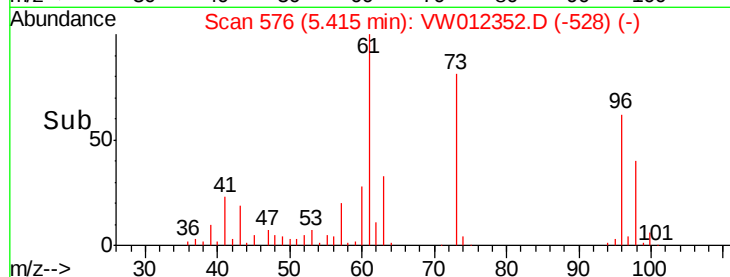
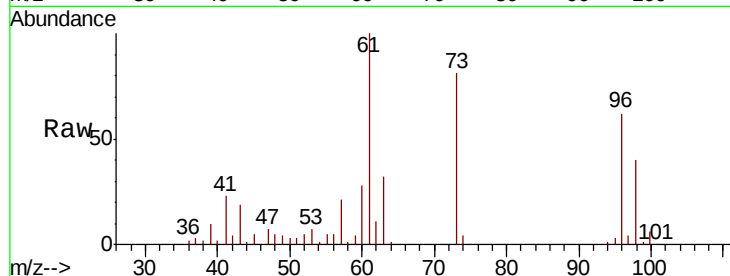
ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion:	96	Resp:	130622
Ion	Ratio	Lower	Upper
96	100		
61	162.3	131.4	197.0
98	64.2	51.4	77.0

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#22

Diisopropyl ether

Concen: 57.315 ug/l

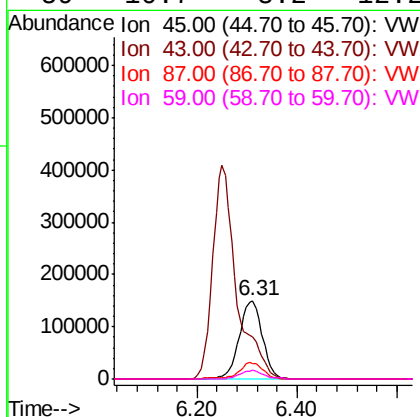
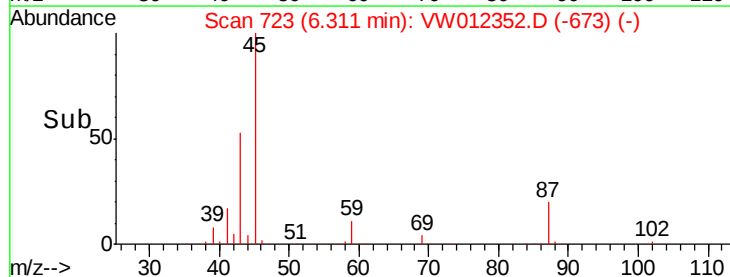
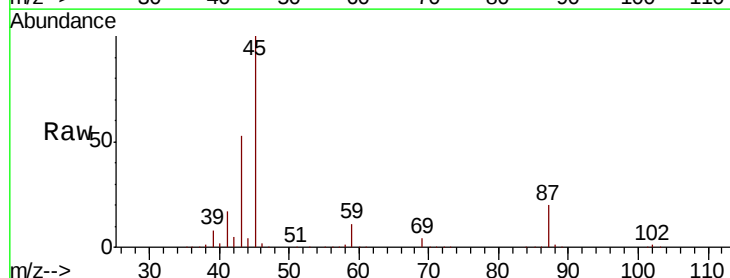
RT: 6.31 min Scan# 723

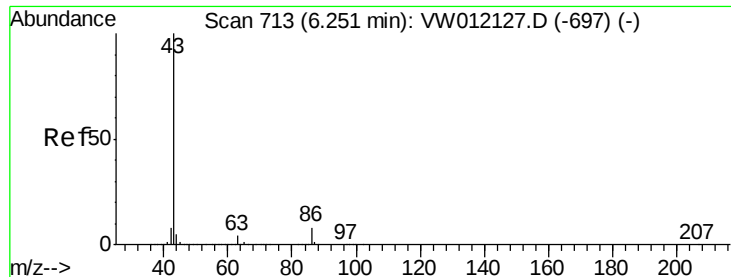
Delta R.T. 0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion:	45	Resp:	484040
Ion	Ratio	Lower	Upper
45	100		
43	53.0	45.5	68.3
87	20.2	16.1	24.1
59	10.7	8.2	12.2





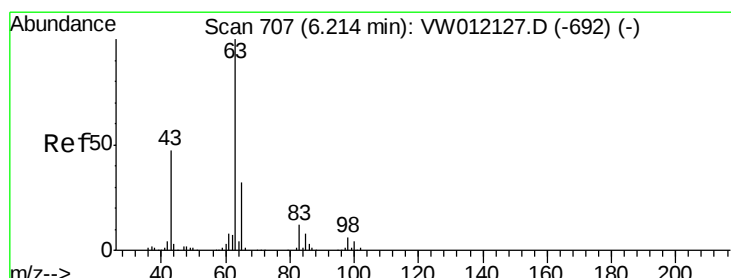
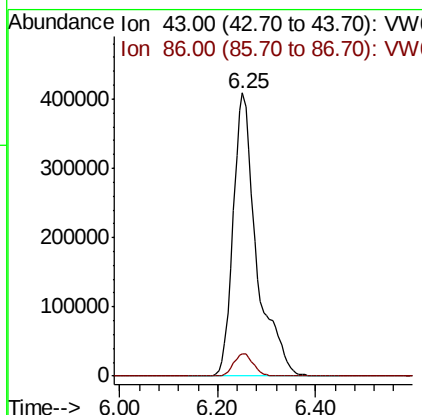
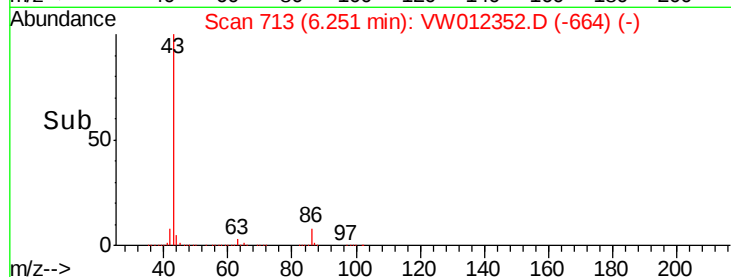
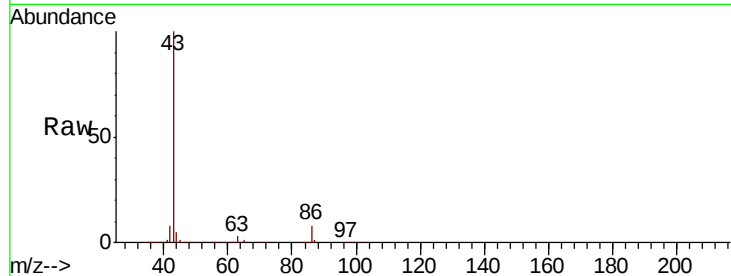
#23
 Vinyl Acetate
 Concen: 260.734 ug/l
 RT: 6.25 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion: 43 Resp: 1355112
 Ion Ratio Lower Upper
 43 100
 86 8.0 6.5 9.7

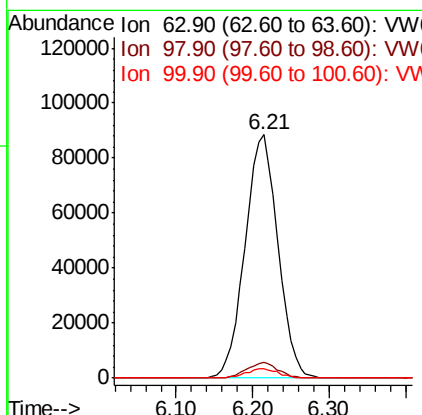
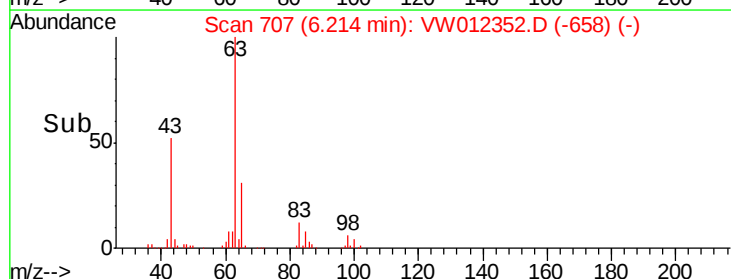
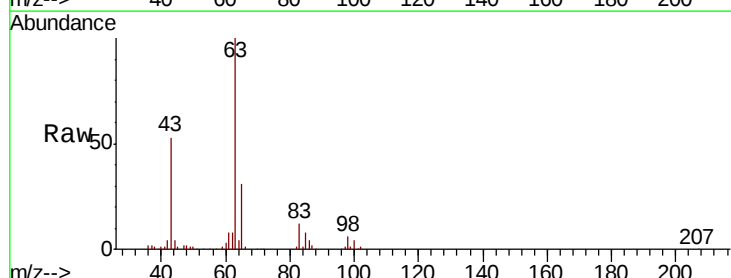
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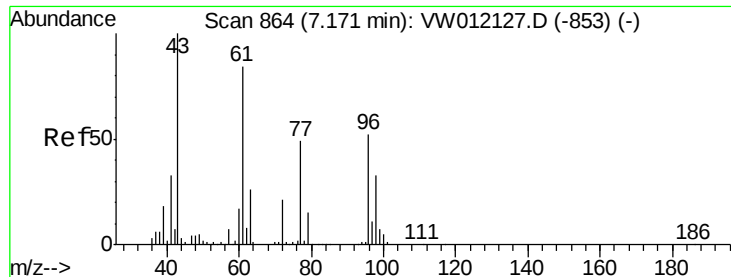
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#24
 1,1-Dichloroethane
 Concen: 57.595 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion: 63 Resp: 264835
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.2
 100 3.8 2.0 6.0





#25

2-Butanone

Concen: 295.270 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion: 43 Resp: 259052

Ion Ratio Lower Upper

43 100

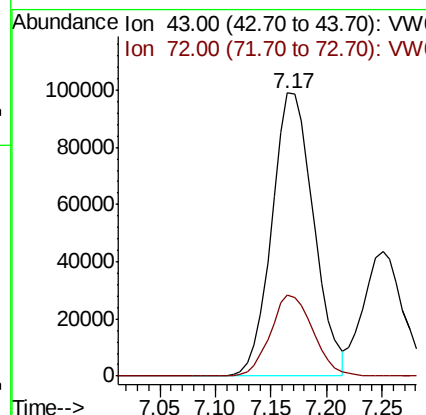
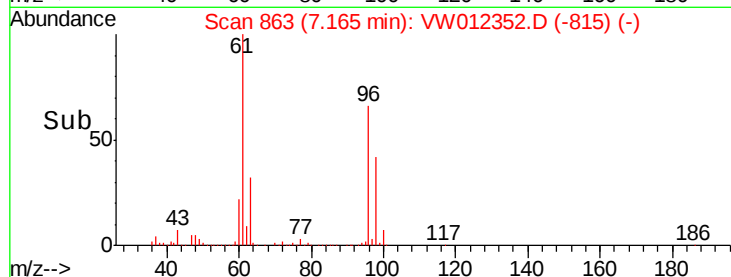
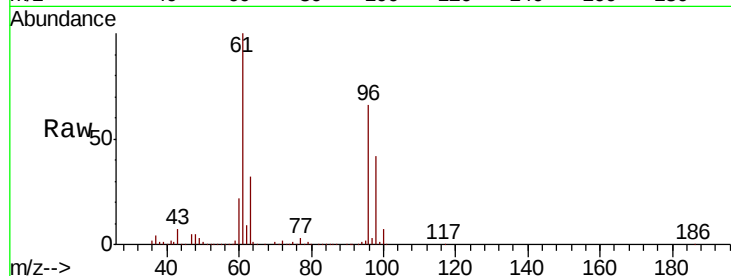
72 28.6 16.6 24.8#

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#26

2,2-Dichloropropane

Concen: 52.779 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012352.D

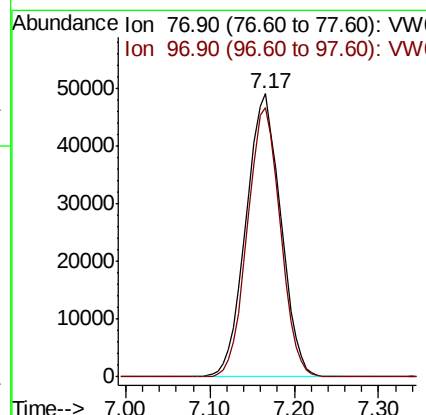
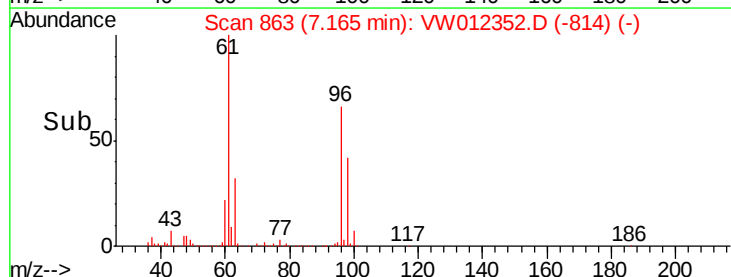
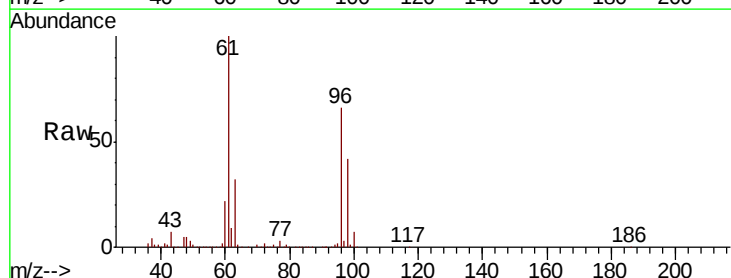
Acq: 30 Aug 2019 16:07

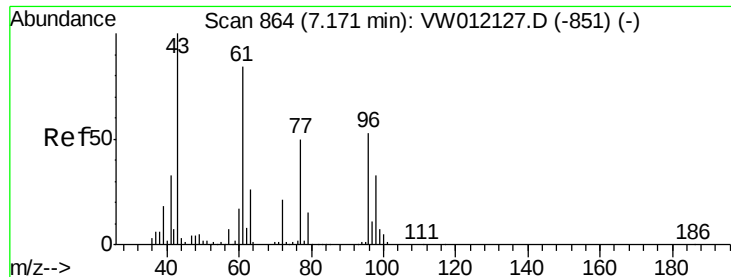
Tgt Ion: 77 Resp: 137367

Ion Ratio Lower Upper

77 100

97 90.0 11.1 33.1#





#27

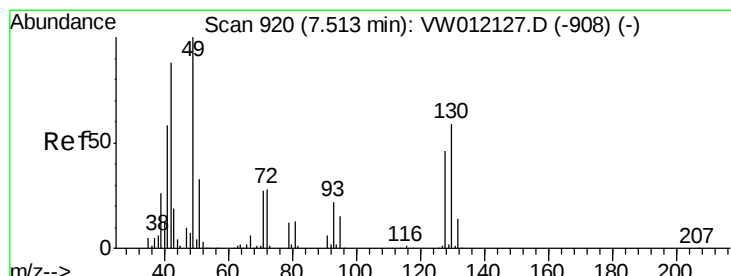
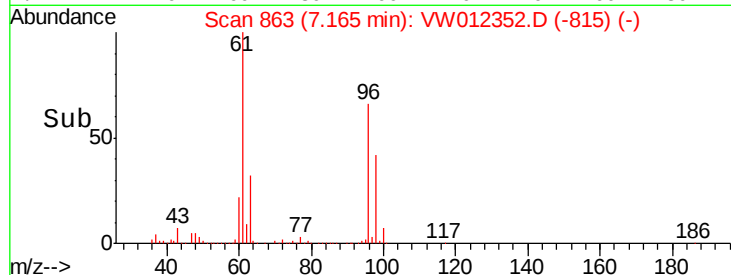
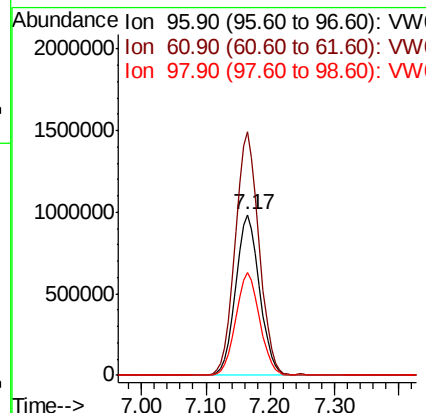
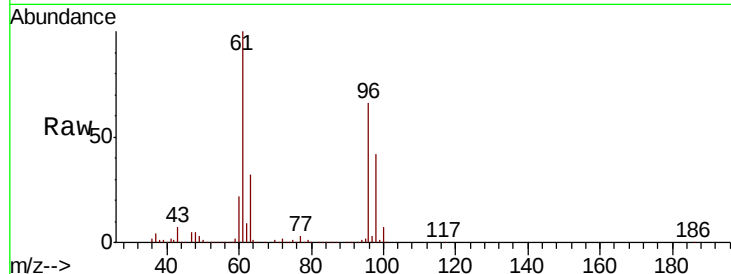
cis-1,2-Dichloroethene
Concen: 1043.263 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.3	0.0	326.6
98	64.1	0.0	127.4

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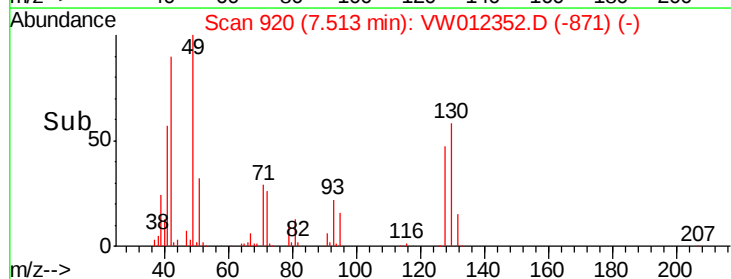
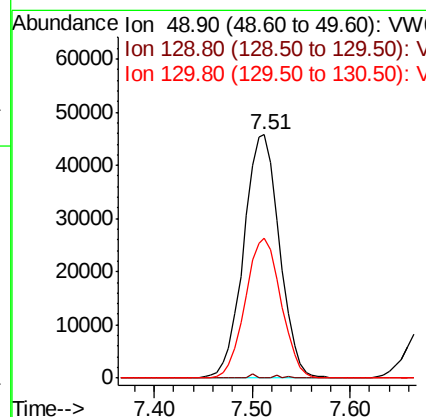
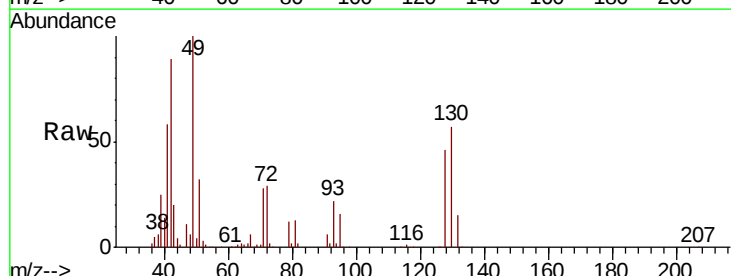
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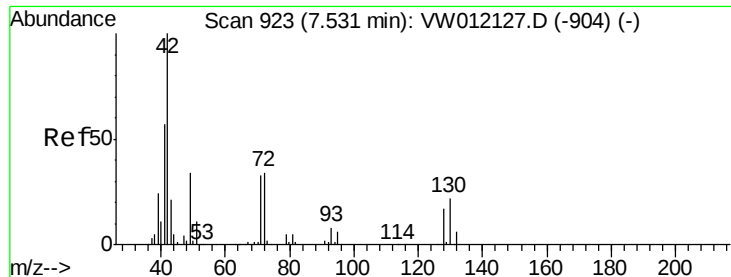


#28

Bromochloromethane
Concen: 57.847 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	1.4
130	57.4	45.5	68.3





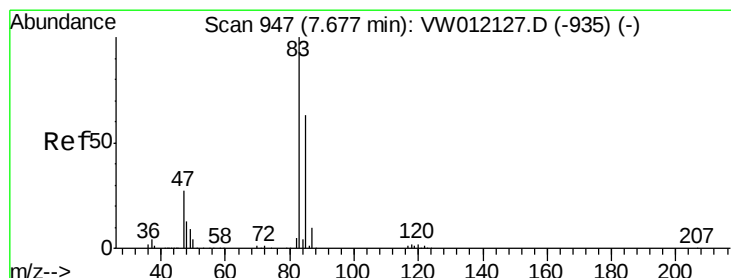
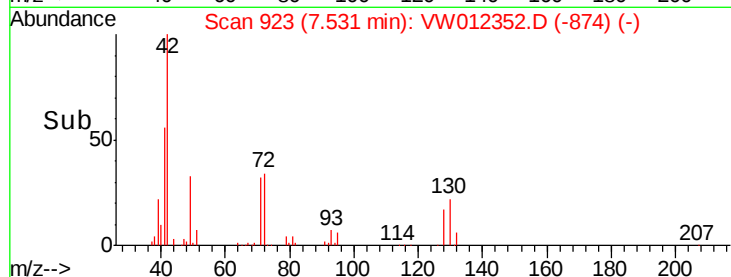
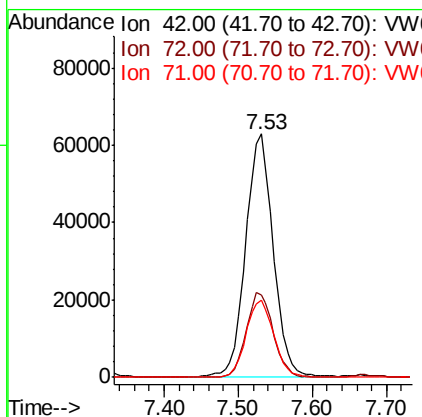
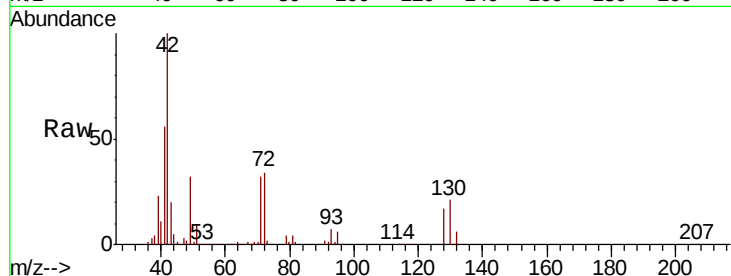
#29
Tetrahydrofuran
Concen: 311.059 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	34.1	27.3	40.9
71	31.7	25.5	38.3

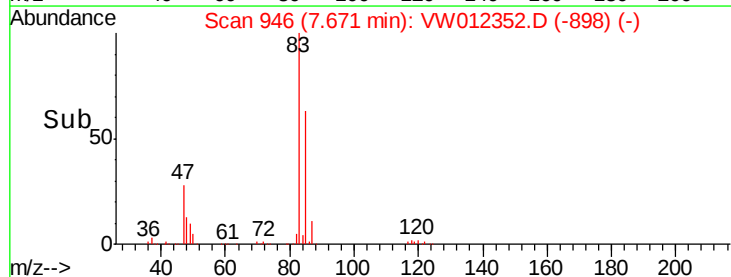
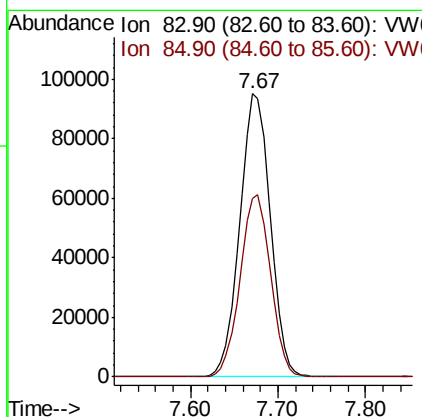
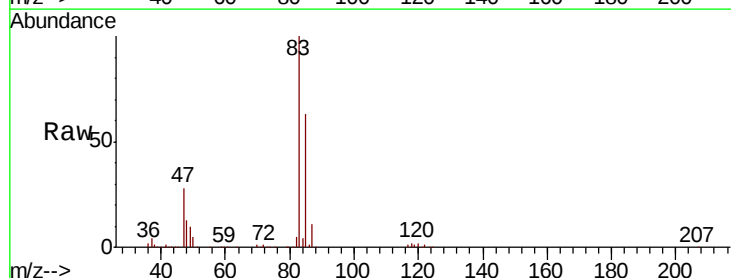
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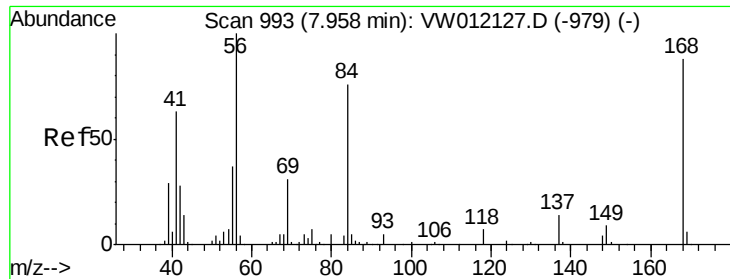
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#30
Chloroform
Concen: 54.904 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.6	76.0





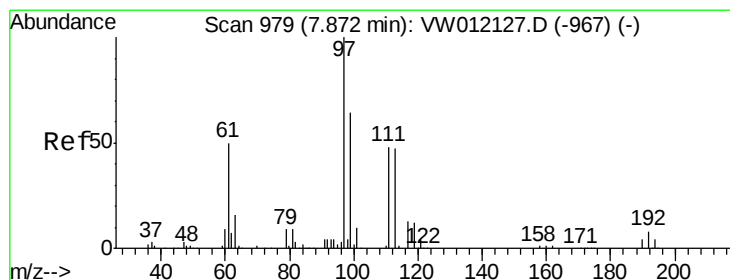
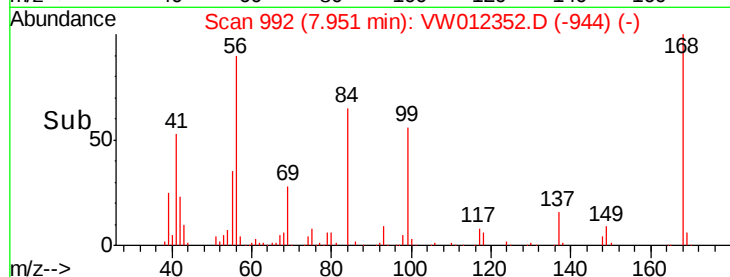
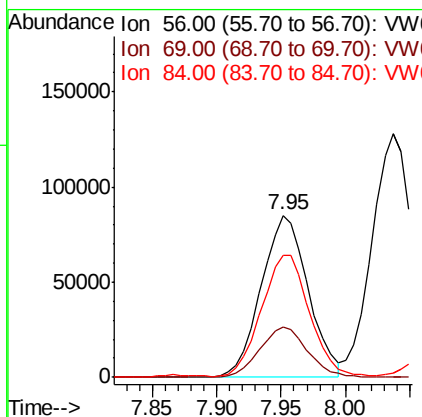
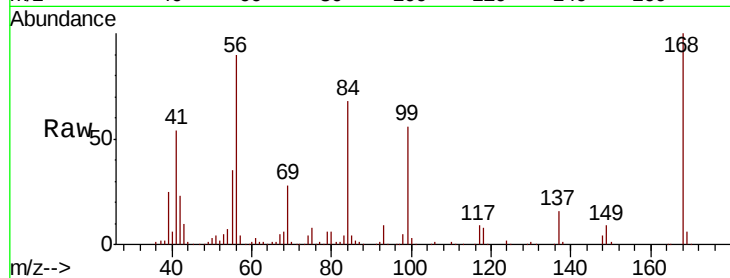
#31
Cyclohexane
Concen: 47.263 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.9	37.3
84	73.6	60.6	90.8

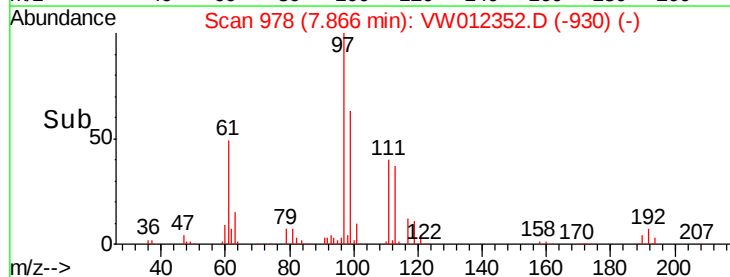
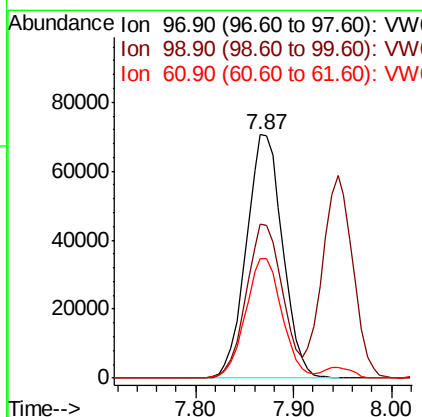
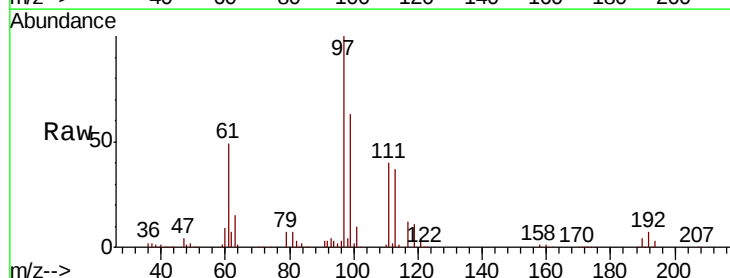
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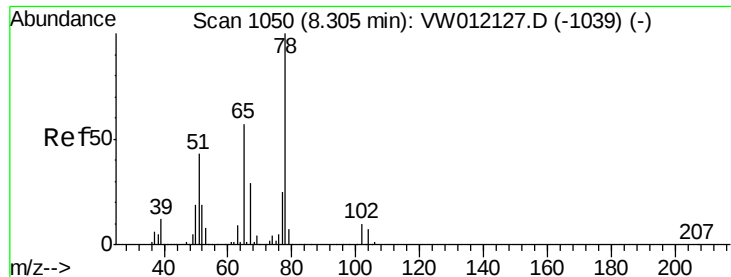
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#32
1,1,1-Trichloroethane
Concen: 54.499 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.4	77.0
61	49.5	39.5	59.3





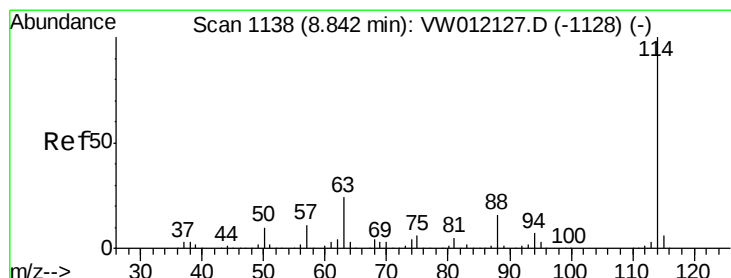
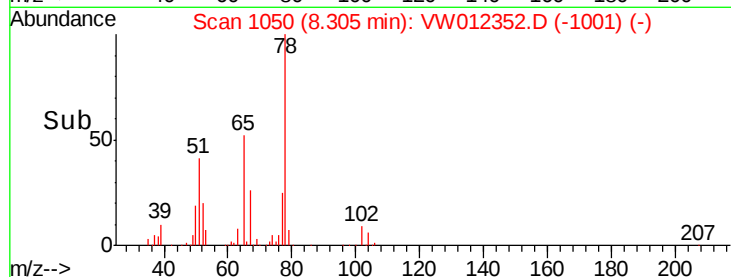
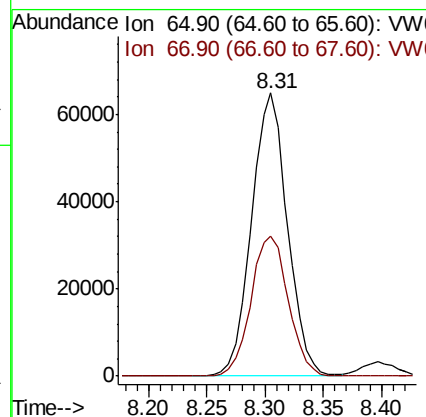
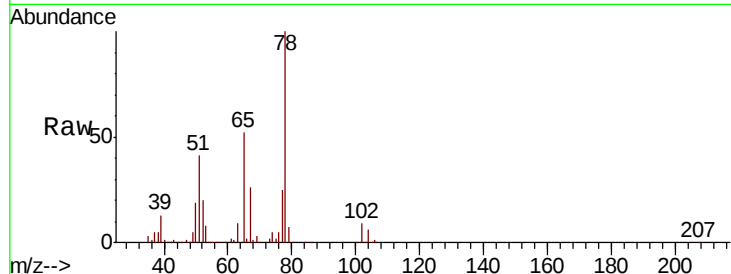
#33
 1,2-Dichloroethane-d4
 Concen: 55.075 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	139104		
67	51.5	0.0	102.6	

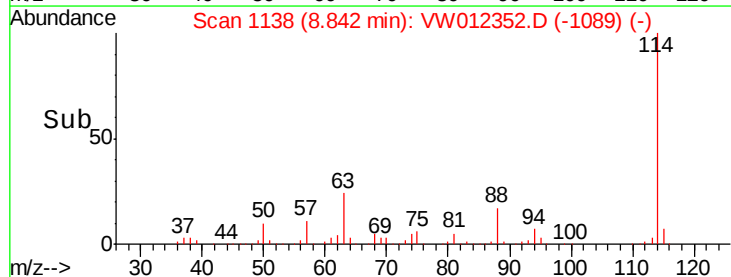
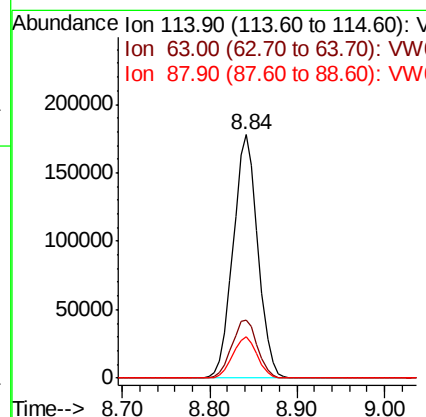
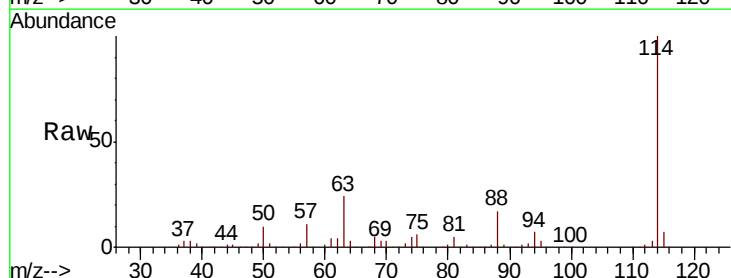
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	348744		
63	24.0	0.0	48.6	
88	16.7	0.0	32.2	





#35

Dibromofluoromethane

Concen: 52.796 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

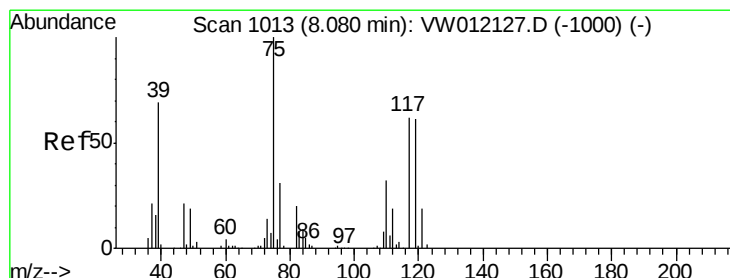
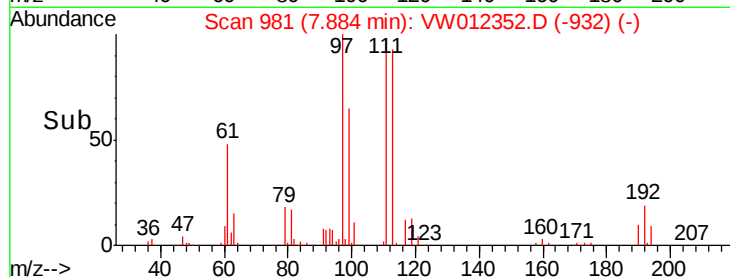
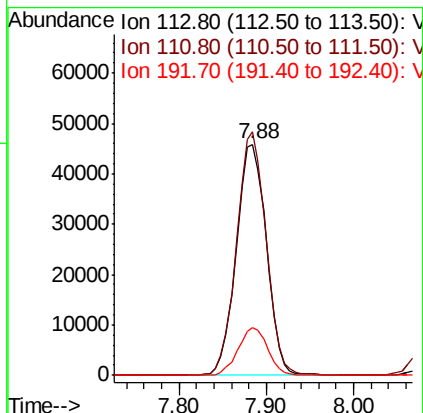
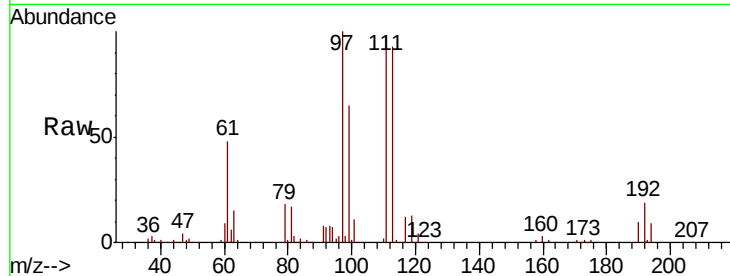
ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion:	113	Resp:	109904
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.7	124.1
192	20.1	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 51.471 ug/l

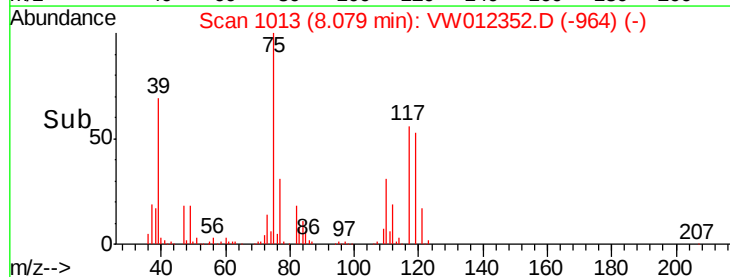
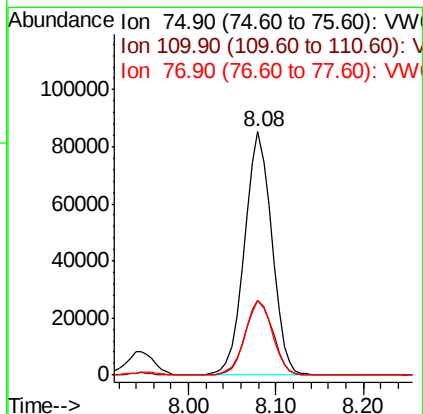
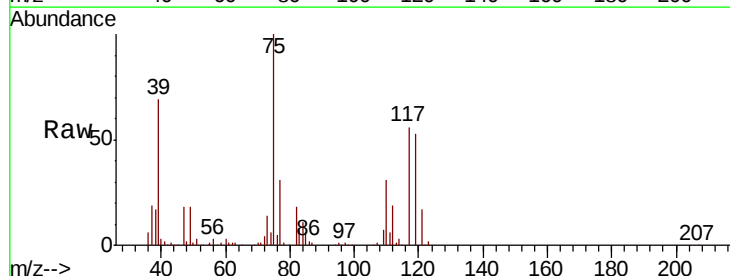
RT: 8.08 min Scan# 1013

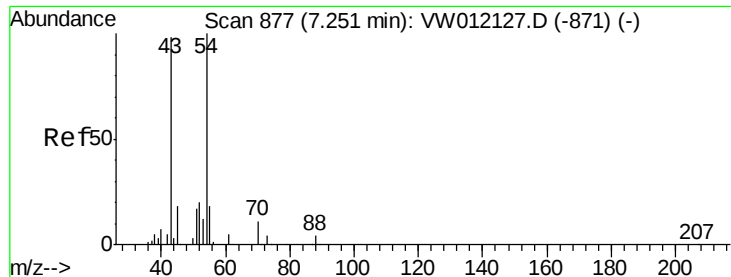
Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion:	75	Resp:	185496
Ion	Ratio	Lower	Upper
75	100		
110	31.2	15.6	46.8
77	30.6	24.6	36.8





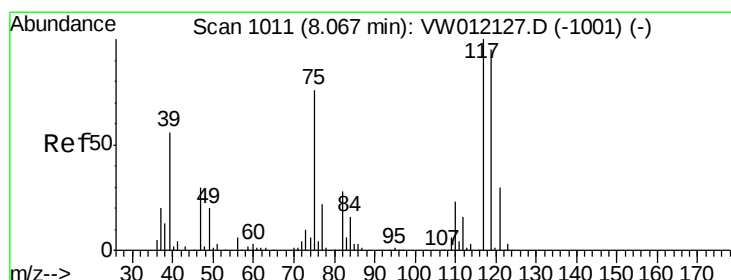
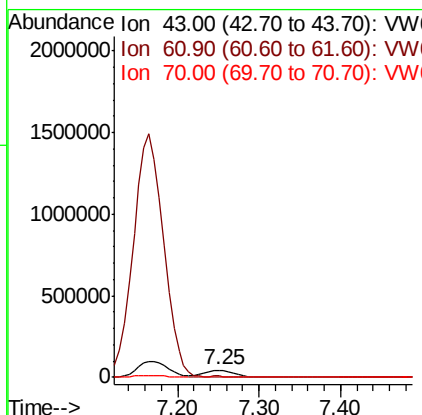
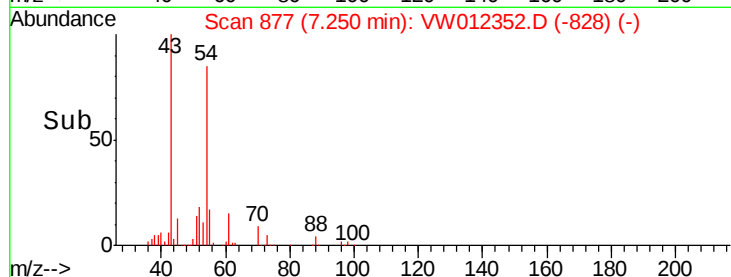
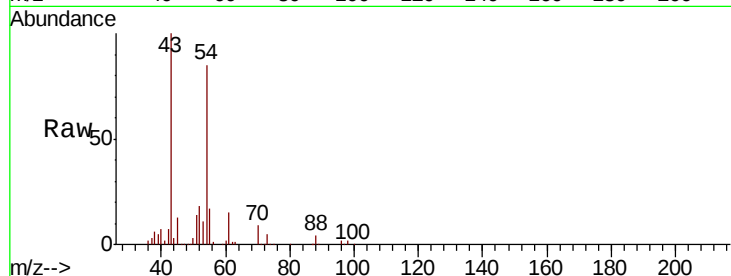
#37
Ethyl Acetate
Concen: 56.696 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Resp	Lower	Upper
43	100			
61	0.0	9.2	13.8#	
70	8.4	6.9	10.3	

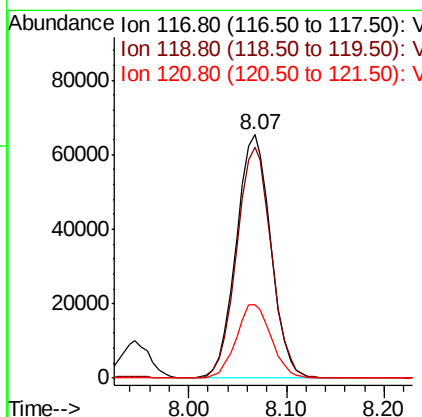
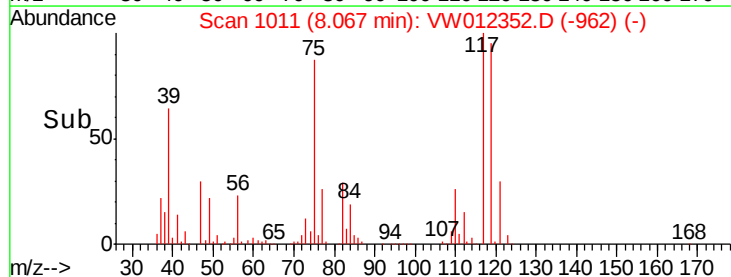
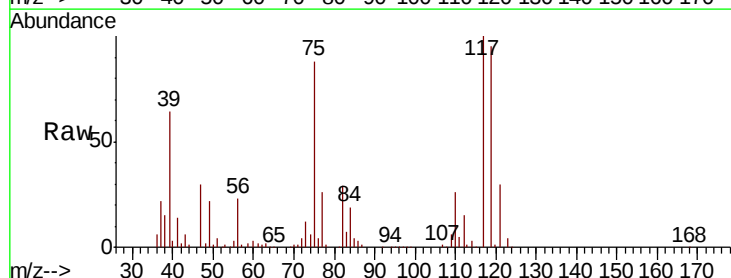
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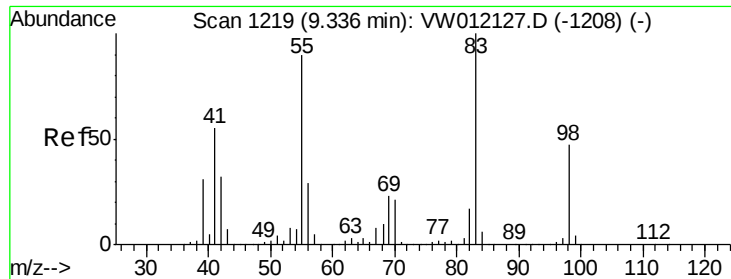
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#38
Carbon Tetrachloride
Concen: 51.287 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	76.2	114.2	
121	30.0	23.8	35.8	





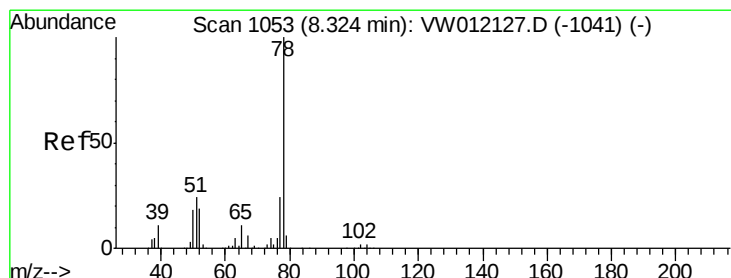
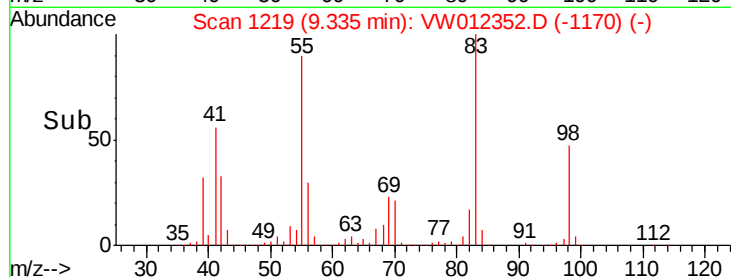
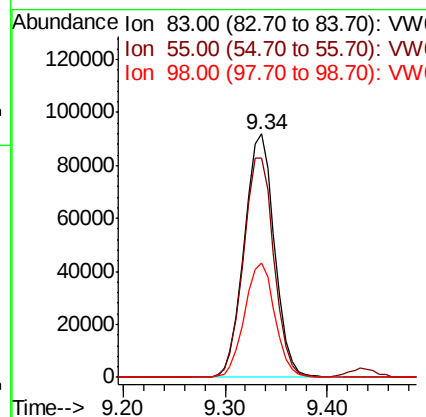
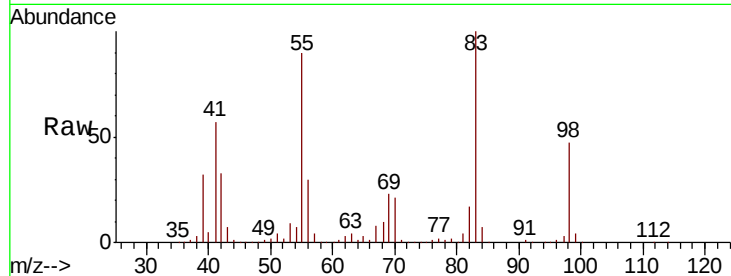
#39
Methvlcvclohexane
Concen: 46.758 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.9	71.8	107.8
98	47.1	37.8	56.8

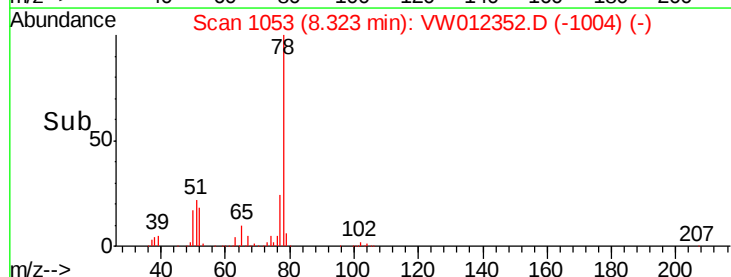
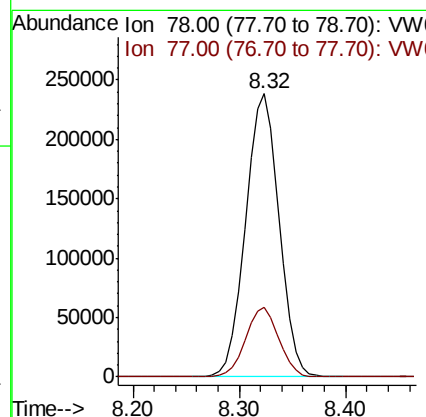
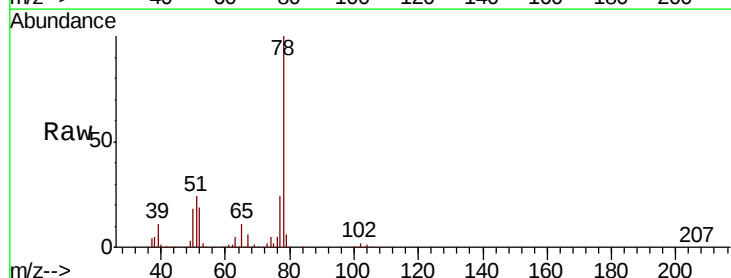
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#40
Benzene
Concen: 53.514 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.5	29.3





#41

Methacrylonitrile

Concen: 59.438 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

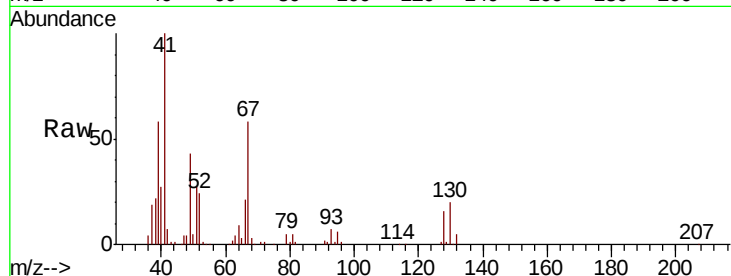
ClientSampleId :

S505-K2-9.5-10.0-082919MS

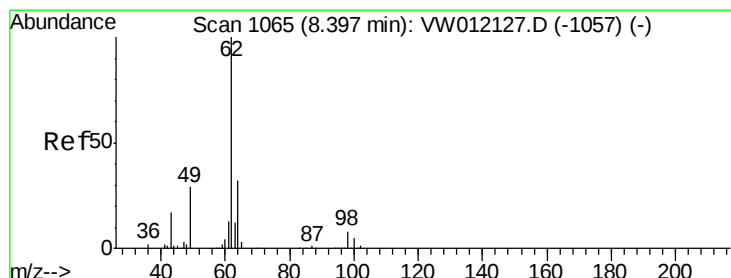
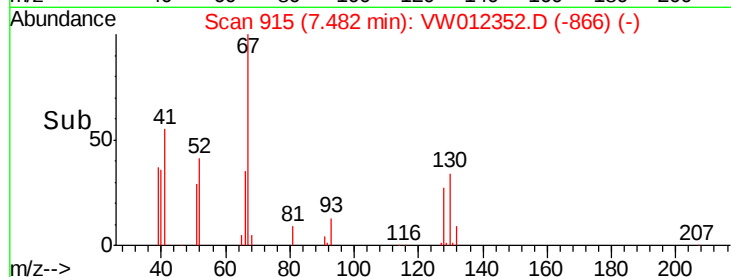
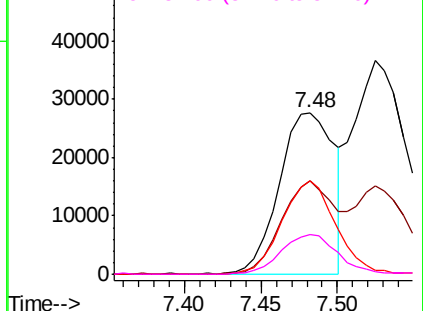
Tot Ion	Ratio	Lower	Upper
41	100		
39	59.5	45.8	68.8
67	57.3	46.2	69.4
52	25.9	21.0	31.6

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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: 55.891 ug/l

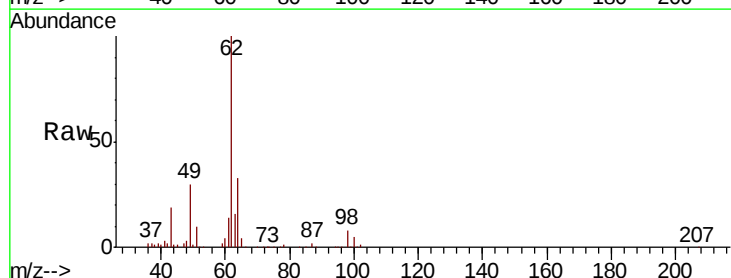
RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

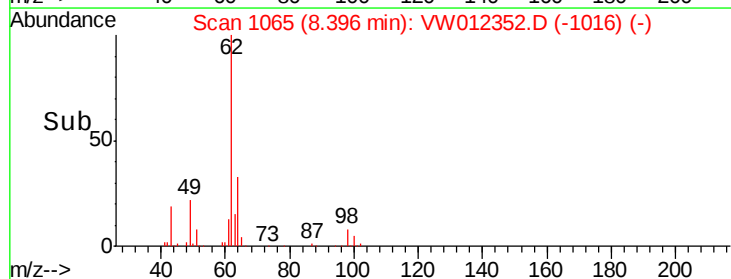
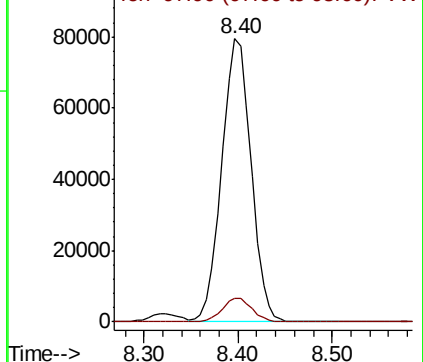
Lab File: VW012352.D

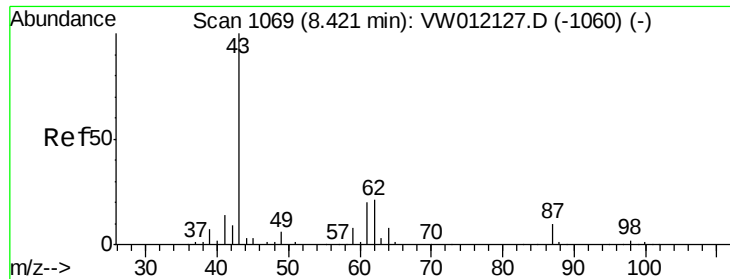
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	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: 58.388 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

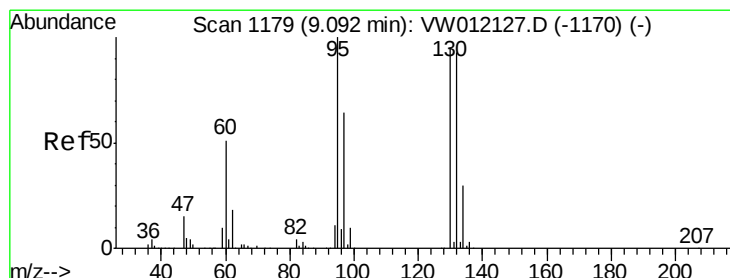
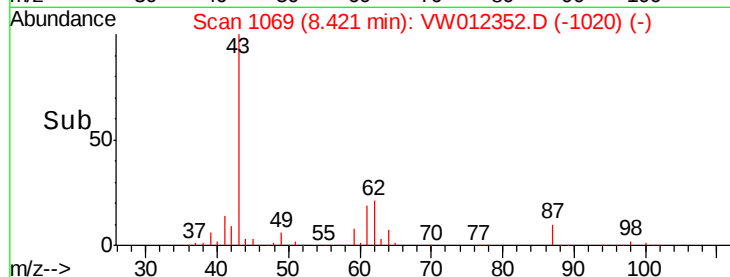
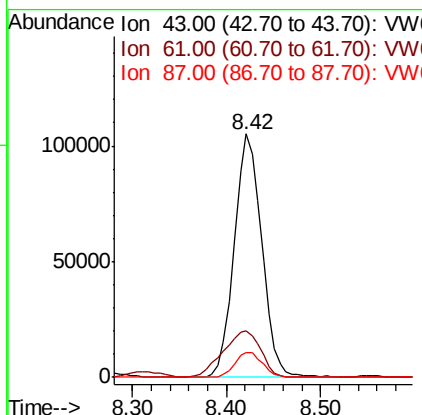
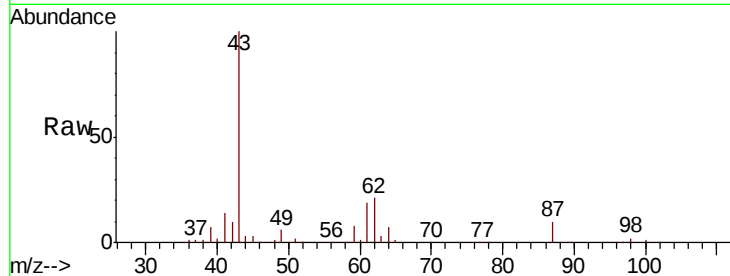
ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion	43	Resp	213588
Ion	Ratio	Lower	Upper
43	100		
61	26.0	21.1	31.7
87	10.3	8.2	12.2

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#44

Trichloroethene

Concen: 59.276 ug/l

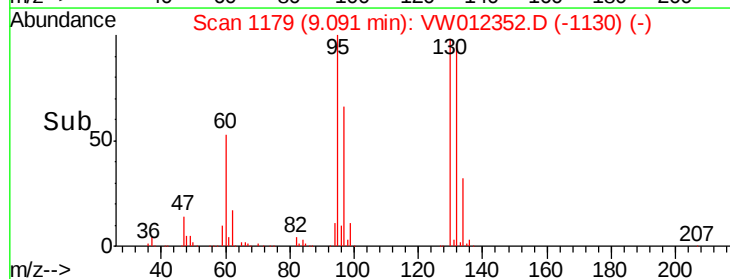
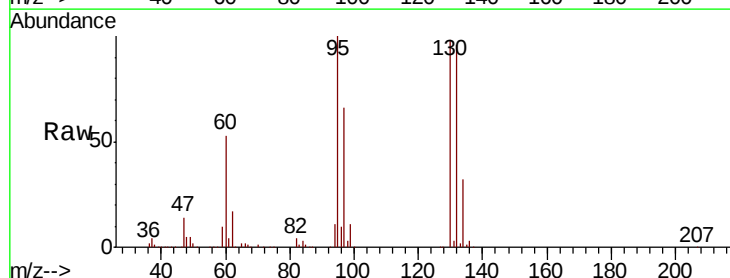
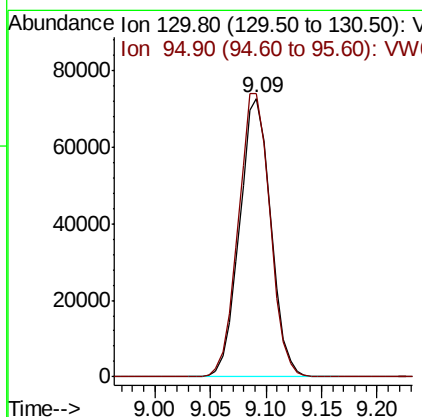
RT: 9.09 min Scan# 1179

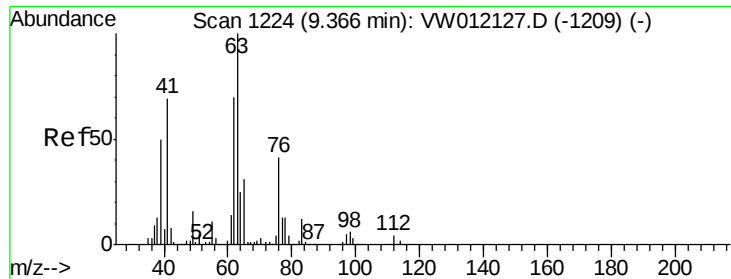
Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion	130	Resp	141800
Ion	Ratio	Lower	Upper
130	100		
95	101.7	0.0	210.6





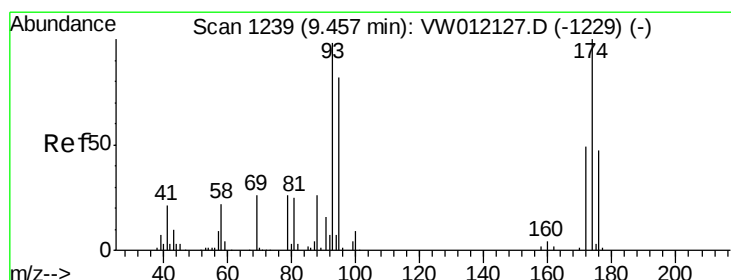
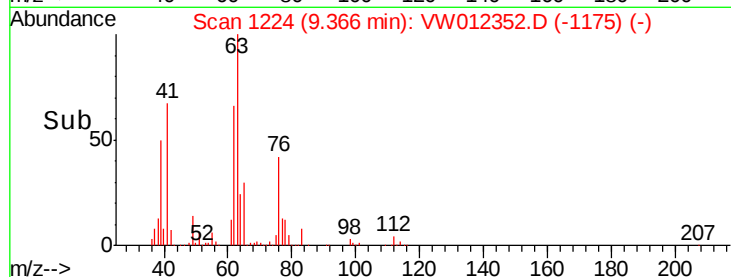
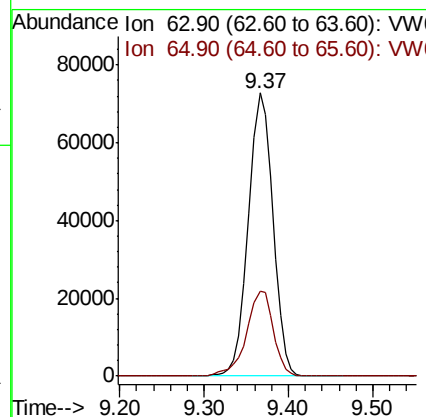
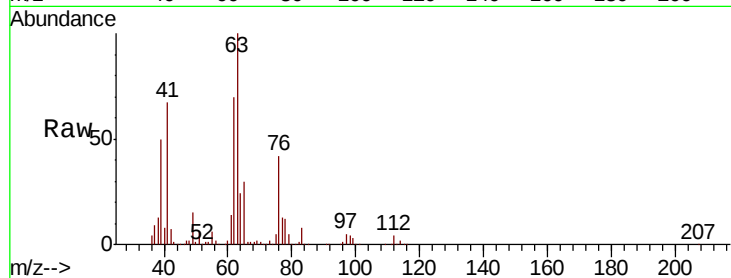
#45
 1,2-Dichloropropane
 Concen: 54.068 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.1	25.0	37.4

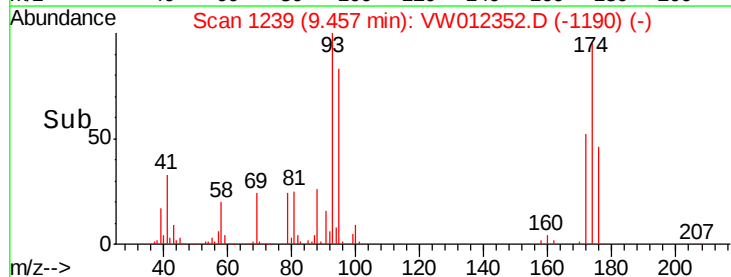
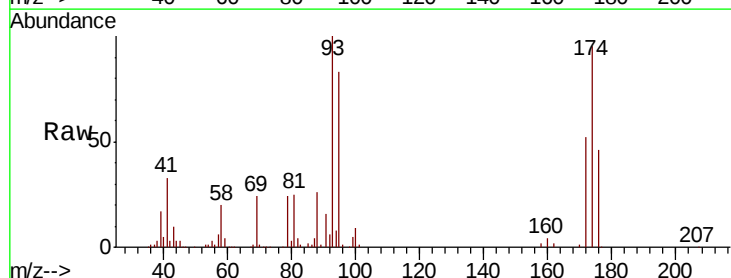
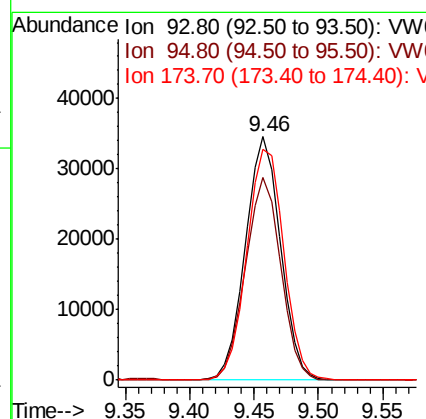
Manual Integrations
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#46
 Dibromomethane
 Concen: 55.394 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.1	67.2	100.8
174	99.8	79.0	118.6





#47

Bromodichloromethane

Concen: 54.694 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

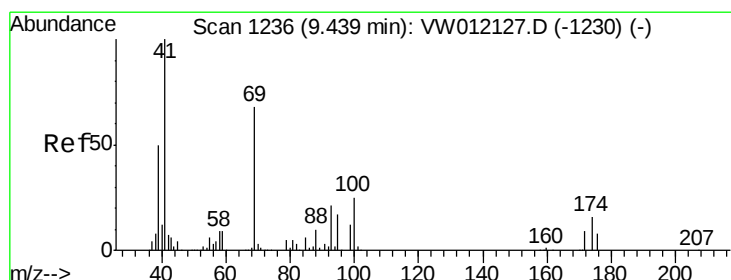
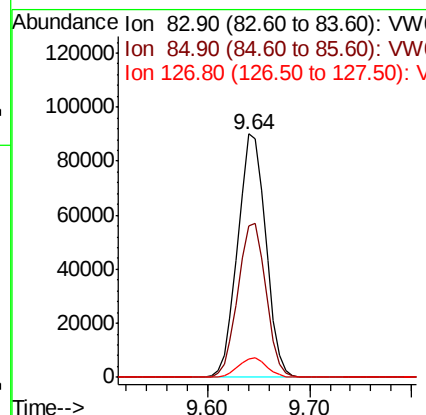
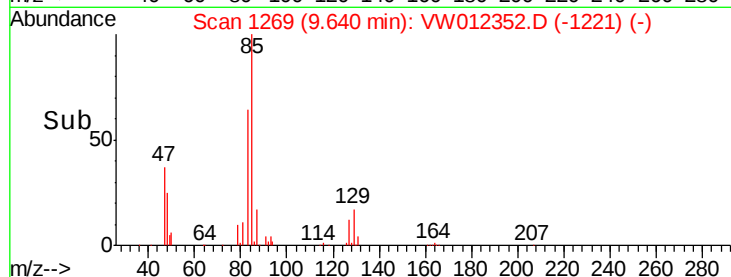
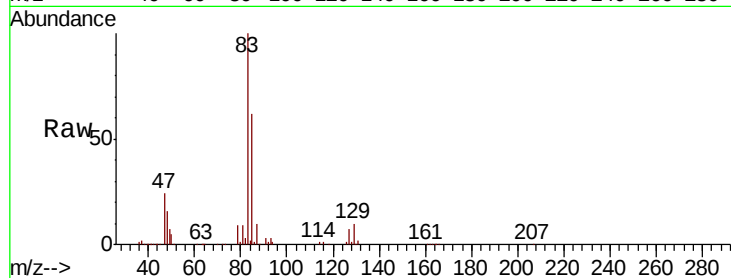
ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion:	83	Resp:	171527
Ion Ratio	Lower	Upper	
83	100		
85	62.3	49.4	74.2
127	7.5	6.1	9.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 59.808 ug/l

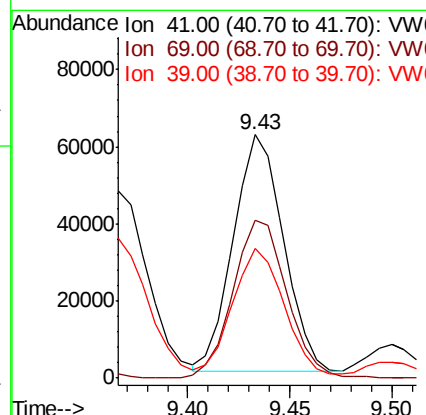
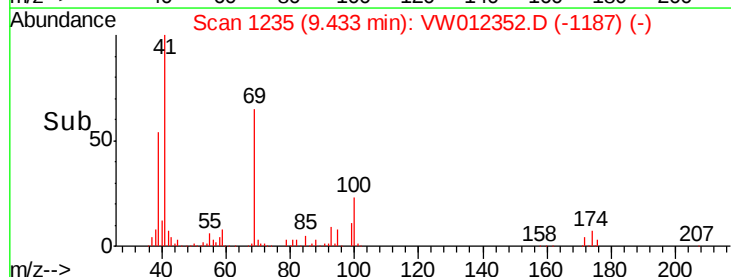
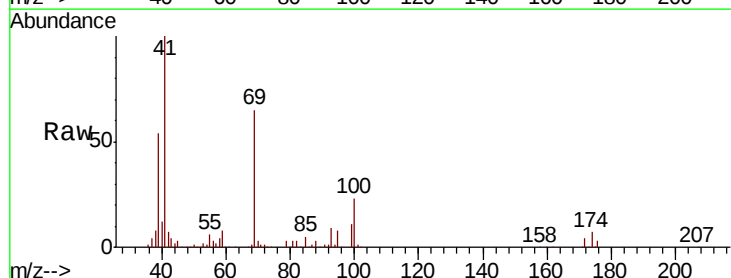
RT: 9.43 min Scan# 1235

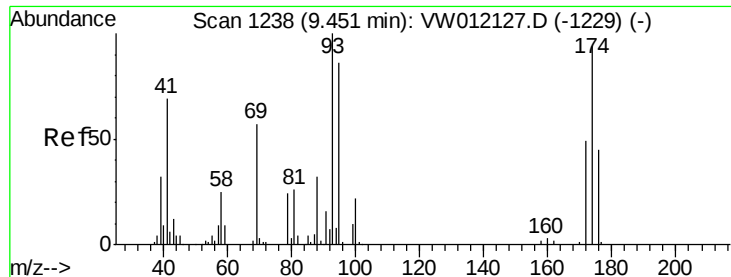
Delta R.T. -0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion:	41	Resp:	104129
Ion Ratio	Lower	Upper	
41	100		
69	72.8	56.7	85.1
39	57.6	42.0	63.0





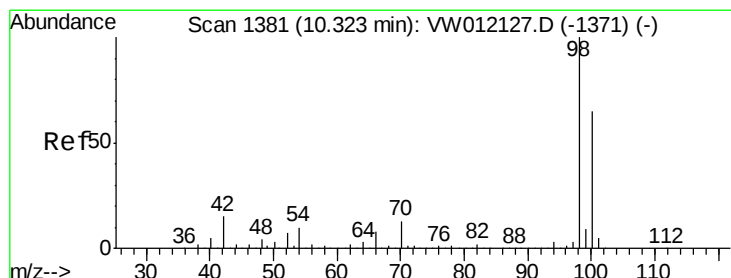
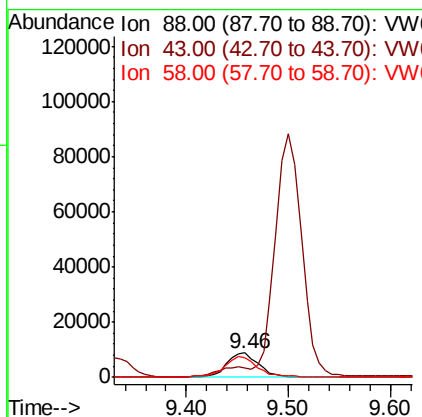
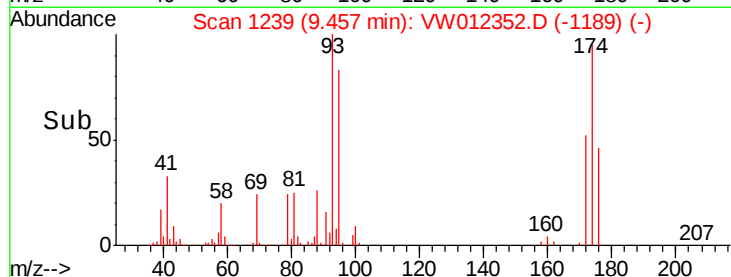
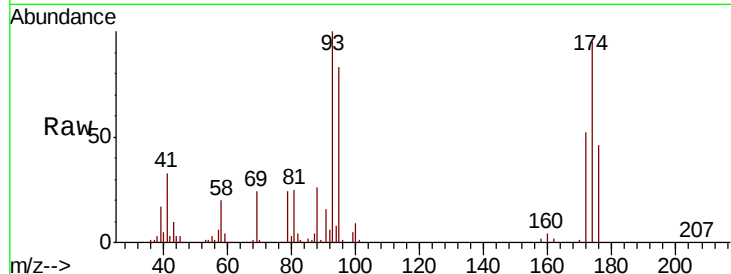
#49
1,4-Dioxane
Concen: 1062.406 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. 0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	41.5	32.9	49.3
58	90.3	71.0	106.4

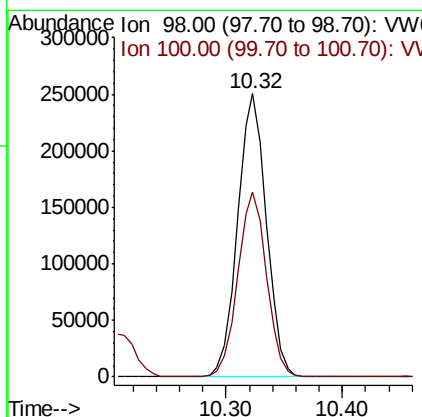
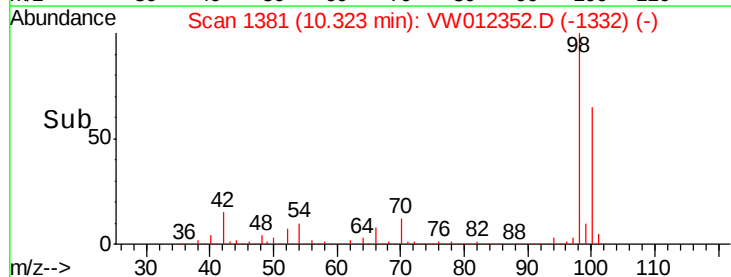
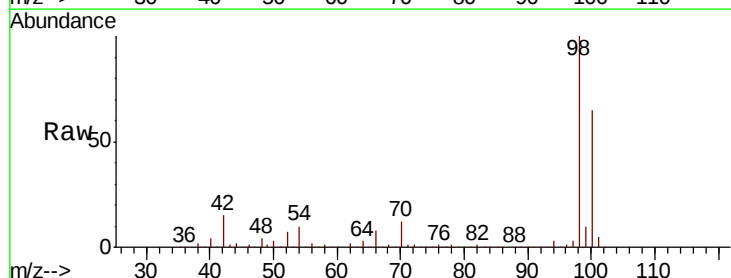
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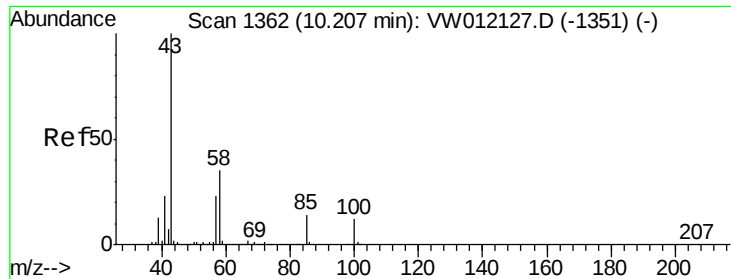
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#50
Toluene-d8
Concen: 51.103 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 297.857 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion: 43 Resp: 554194

Ion Ratio Lower Upper

43 100

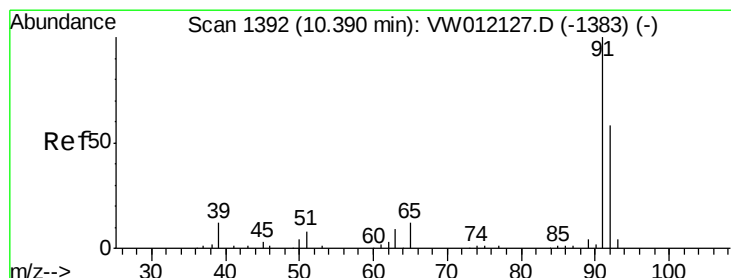
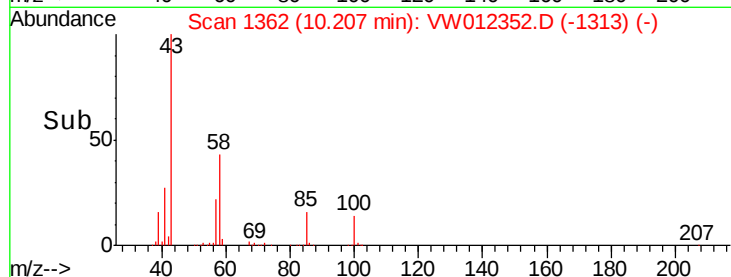
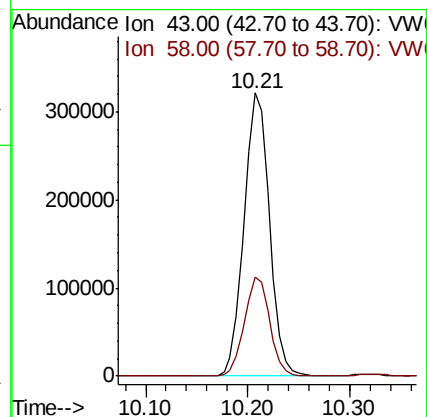
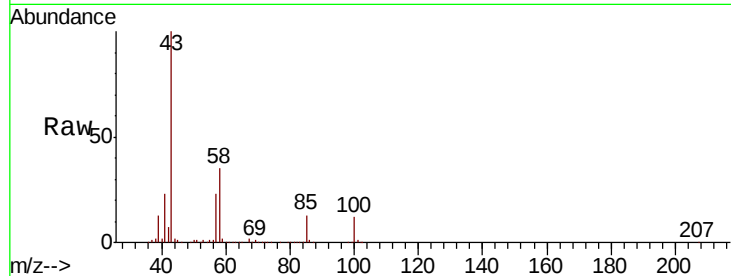
58 35.0 28.2 42.2

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#52

Toluene

Concen: 53.337 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012352.D

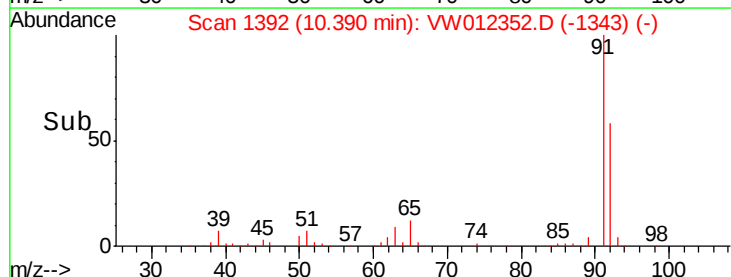
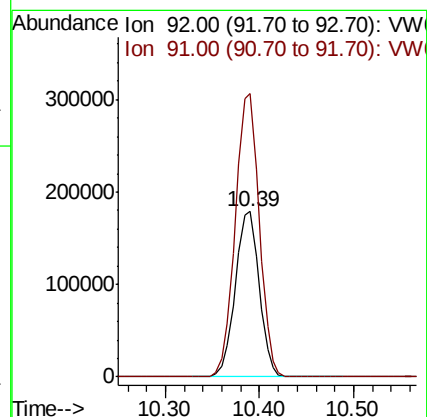
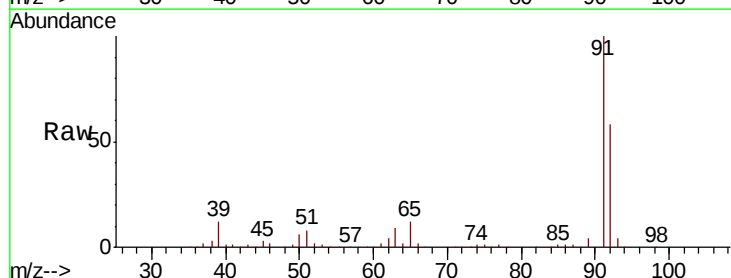
Acq: 30 Aug 2019 16:07

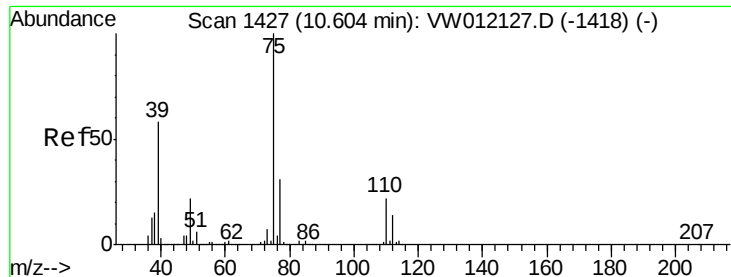
Tgt Ion: 92 Resp: 315315

Ion Ratio Lower Upper

92 100

91 171.9 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 54.528 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion: 75 Resp: 174190

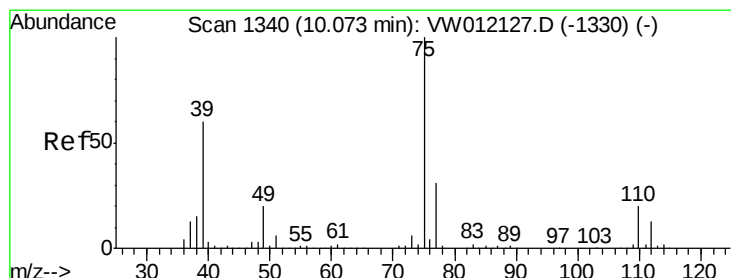
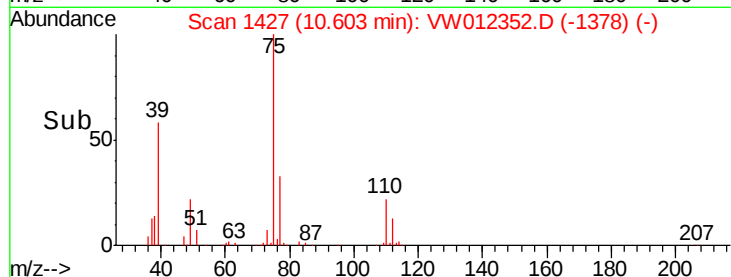
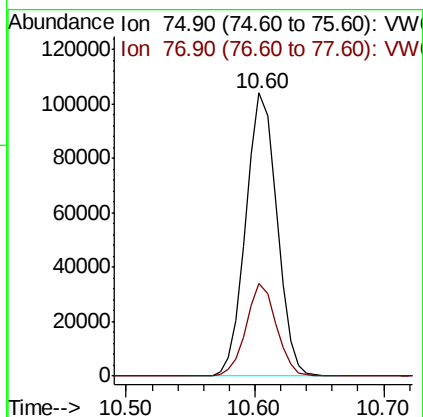
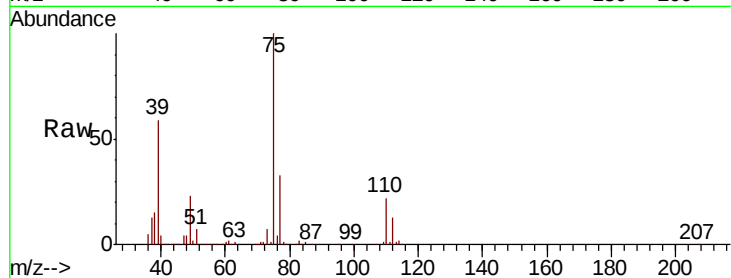
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.4

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#54

cis-1,3-Dichloropropene

Concen: 53.545 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

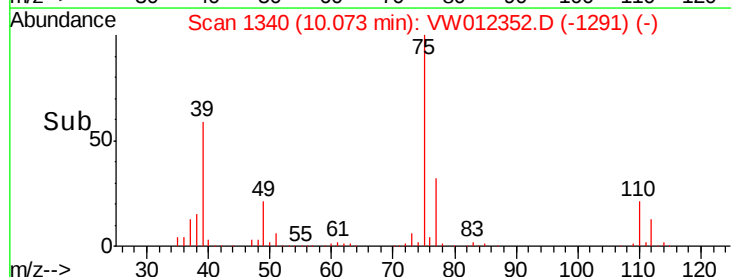
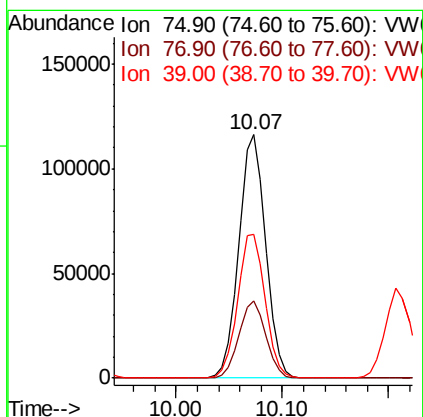
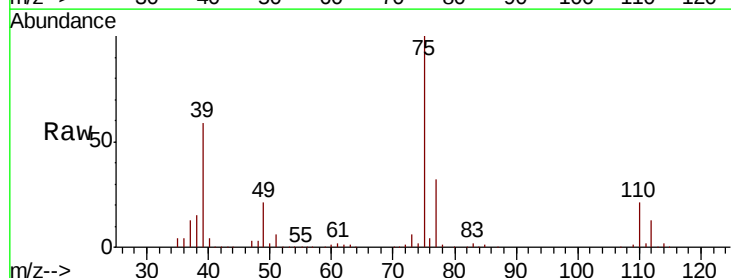
Tgt Ion: 75 Resp: 206534

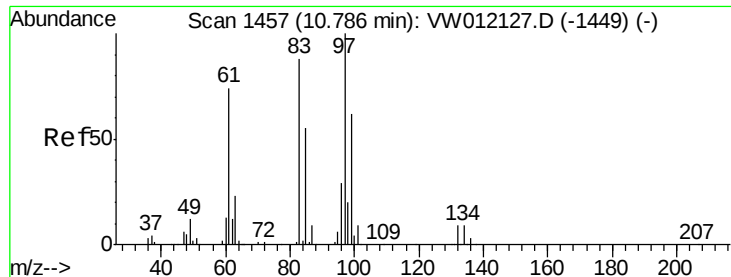
Ion Ratio Lower Upper

75 100

77 31.6 25.1 37.7

39 58.8 48.3 72.5





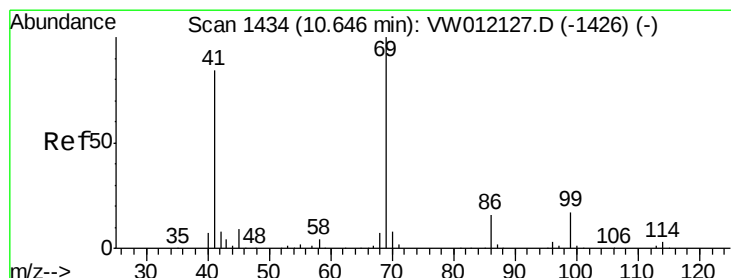
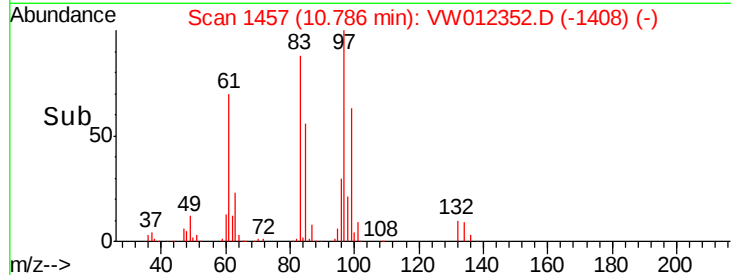
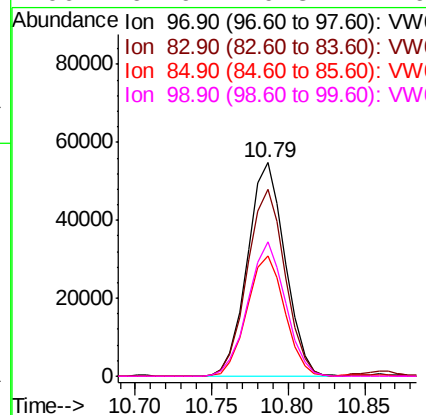
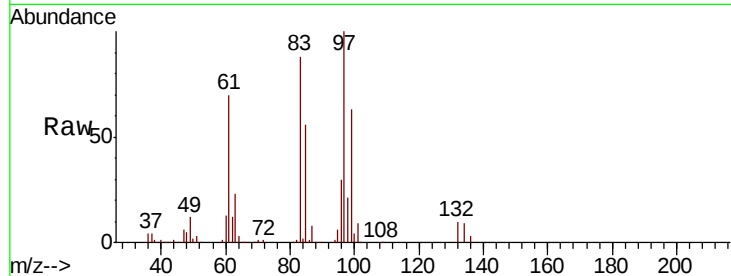
#55
 1,1,2-Trichloroethane
 Concen: 56.380 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion:	97	Resp:	93997
Ion	Ratio	Lower	Upper
97	100		
83	87.6	70.8	106.2
85	56.1	43.8	65.8
99	62.9	49.8	74.6

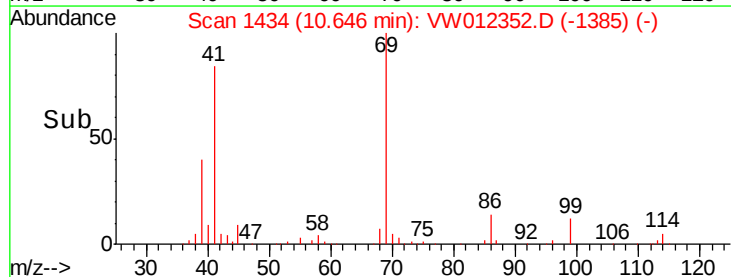
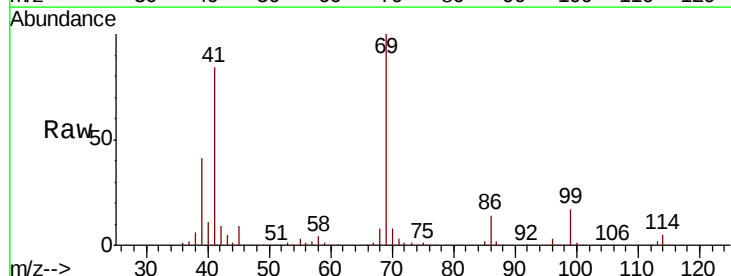
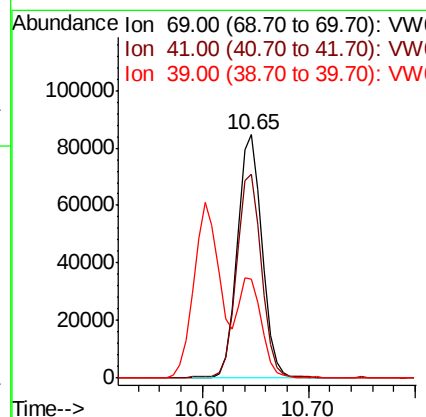
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#56
 Ethyl methacrylate
 Concen: 56.792 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion:	69	Resp:	137804
Ion	Ratio	Lower	Upper
69	100		
41	84.8	66.5	99.7
39	38.3	31.0	46.4





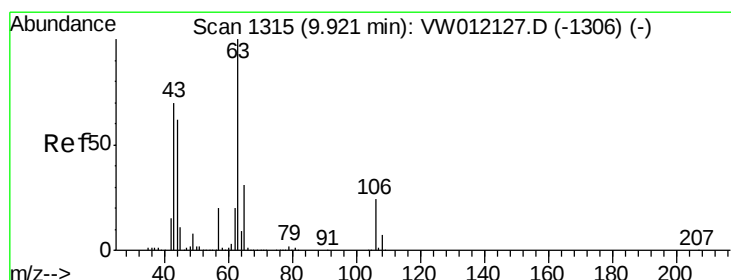
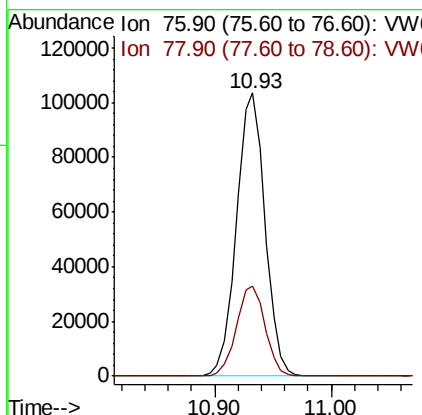
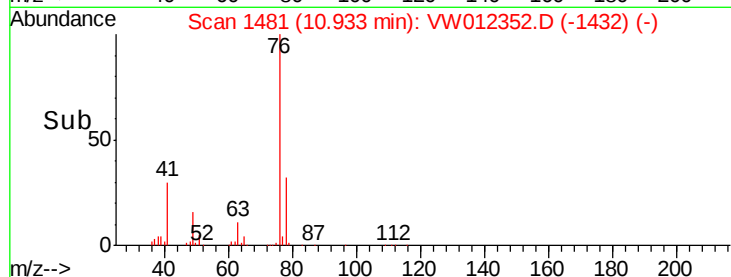
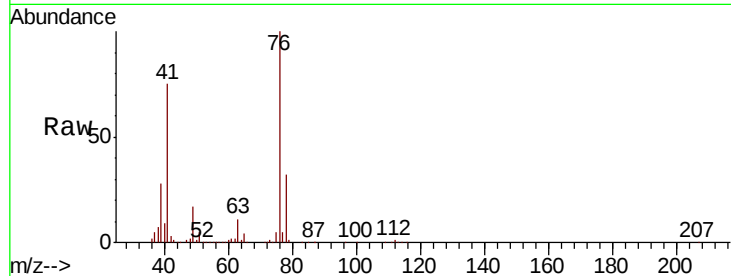
#57
 1,3-Dichloropropane
 Concen: 56.096 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion: 76 Resp: 176737
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.8

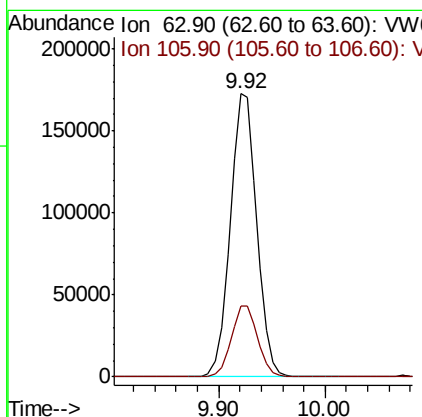
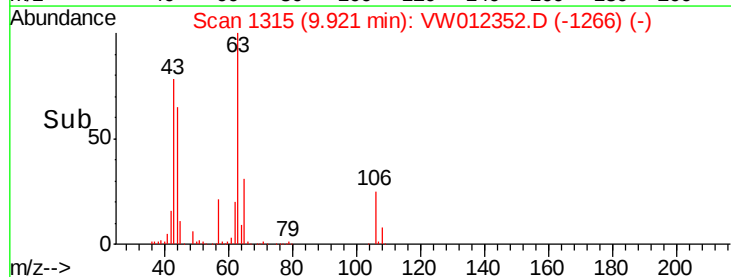
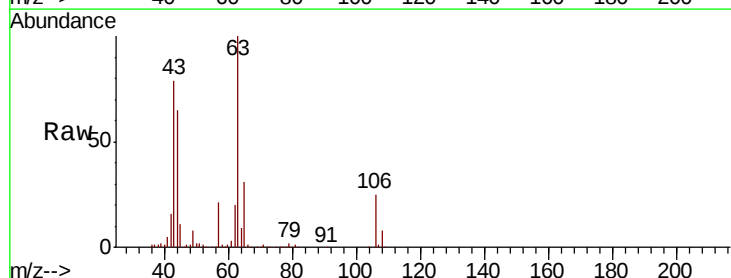
Manual Integrations
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#58
 2-Chloroethyl Vinyl ether
 Concen: 240.861 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion: 63 Resp: 299950
 Ion Ratio Lower Upper
 63 100
 106 24.9 19.8 29.8





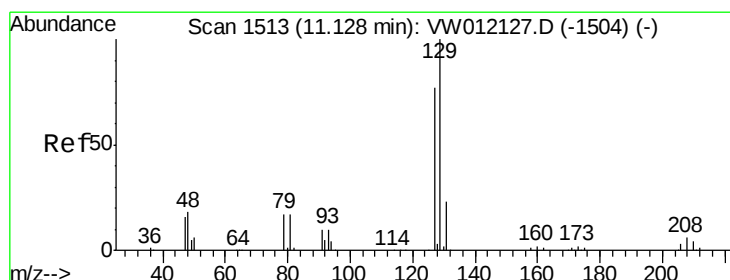
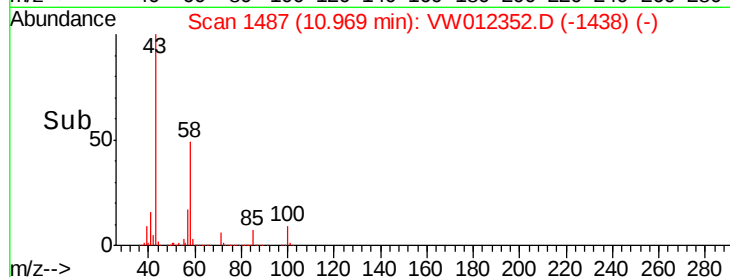
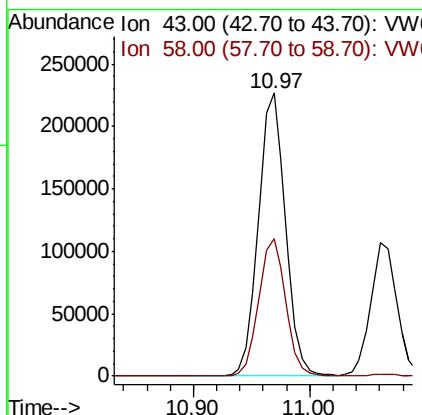
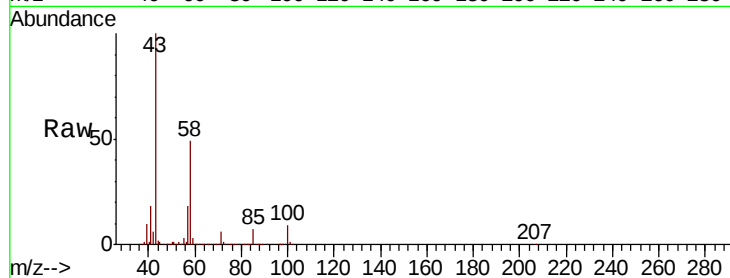
#59
2-Hexanone
Concen: 280.258 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.5	24.3	72.9

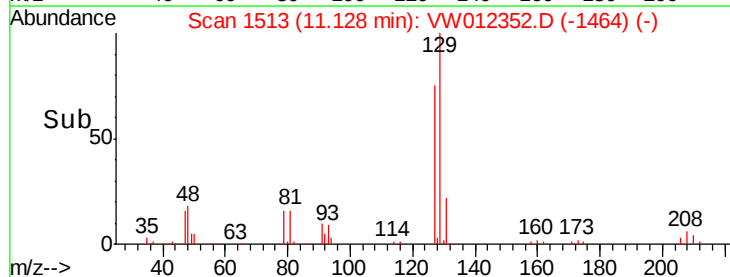
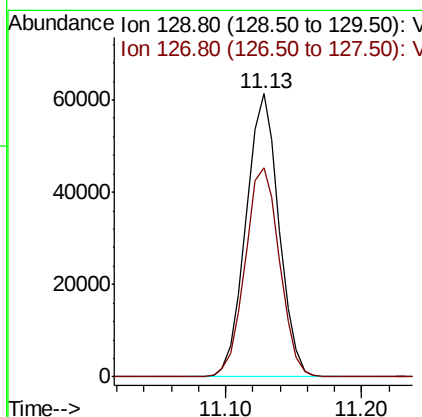
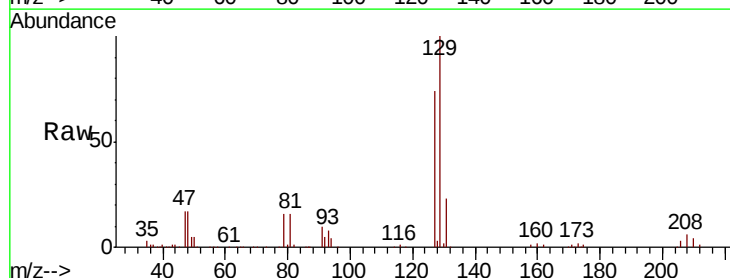
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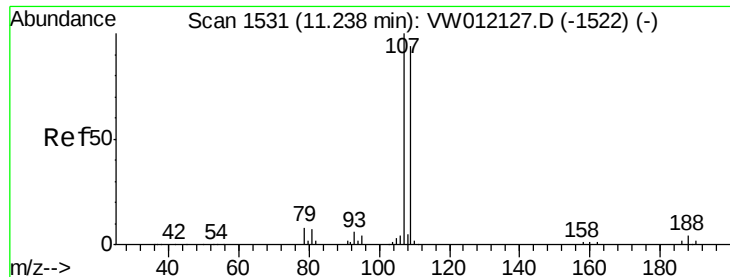
MMDadoda
8/31/2019 9:11:20 AM



#60
Dibromochloromethane
Concen: 56.154 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.0	38.6	115.8





#61

1,2-Dibromoethane

Concen: 56.457 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.01 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion: 107 Resp: 87690

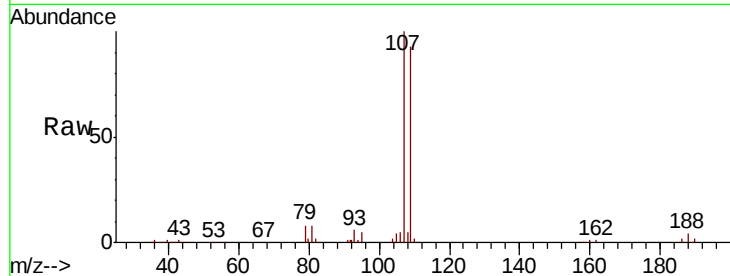
Ion Ratio Lower Upper

107 100

109 93.7 75.4 113.2

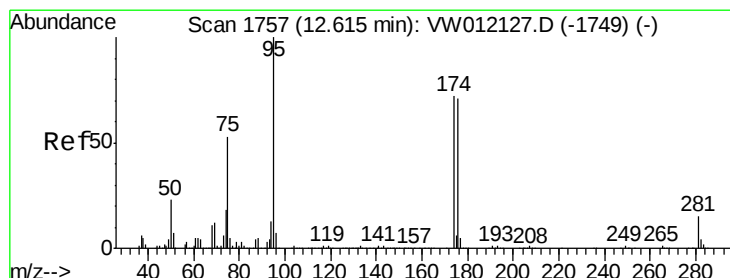
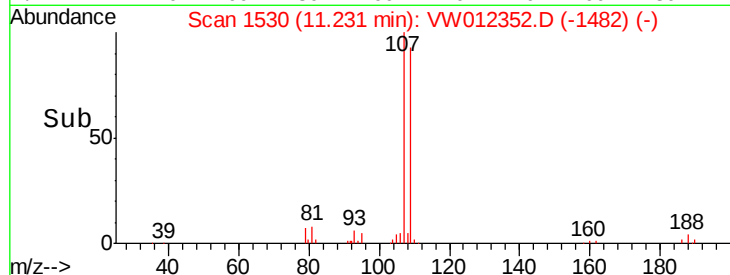
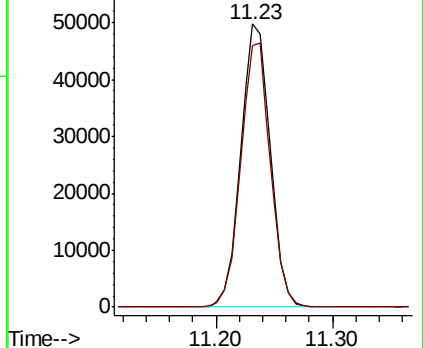
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.664 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

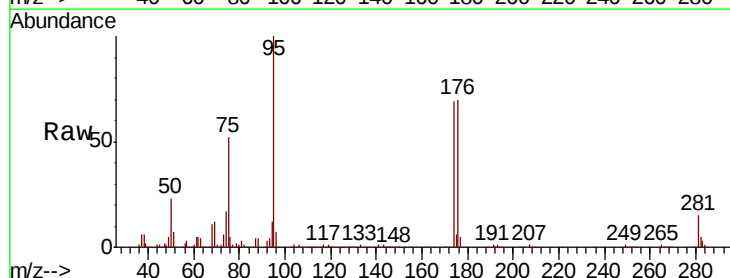
Tgt Ion: 95 Resp: 144789

Ion Ratio Lower Upper

95 100

174 77.1 0.0 150.8

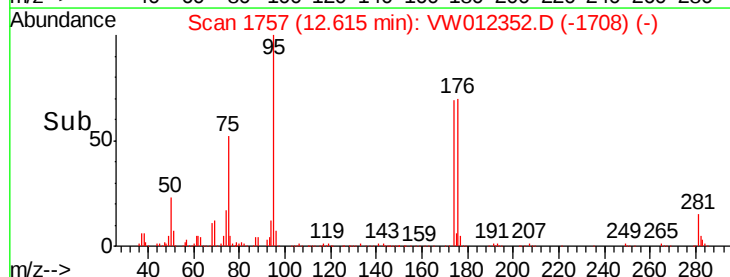
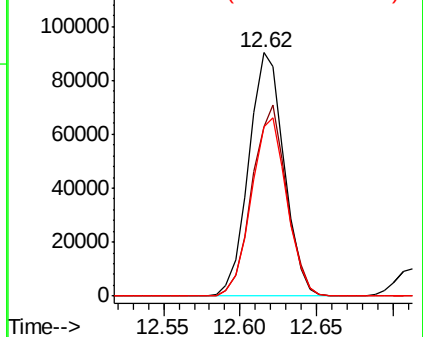
176 73.9 0.0 148.6

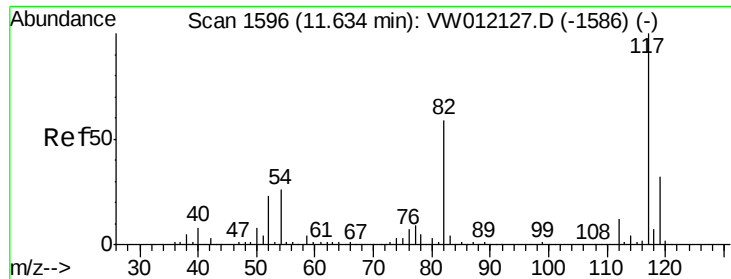


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





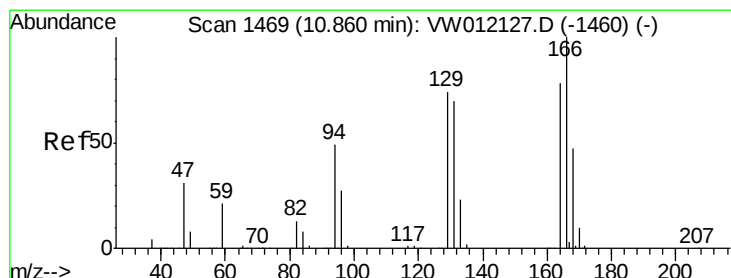
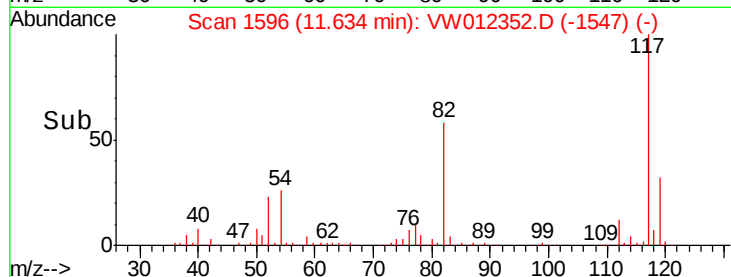
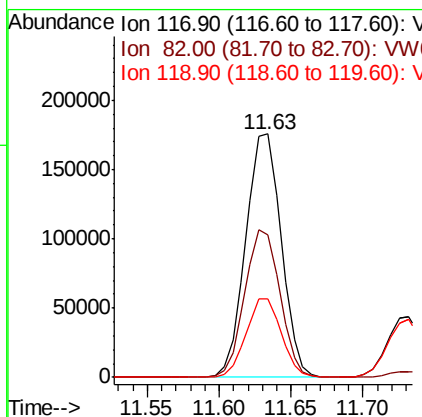
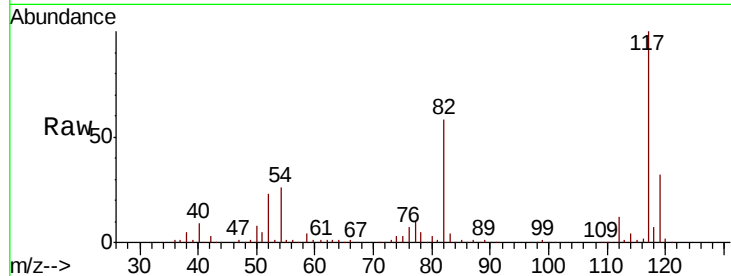
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Resp	Lower	Upper
117	100	300230		
82	58.4		47.4	71.2
119	31.9		25.4	38.2

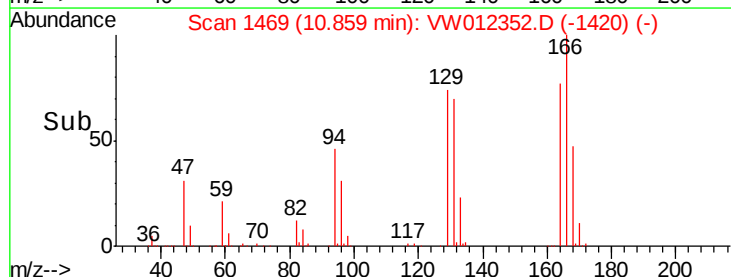
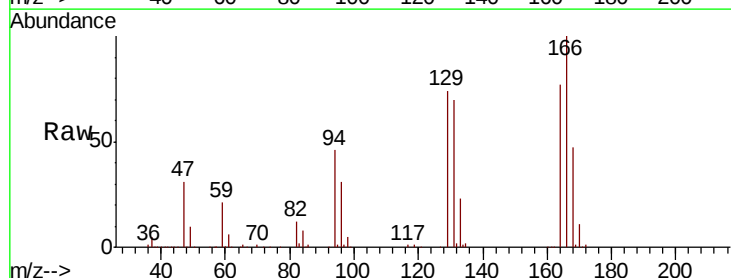
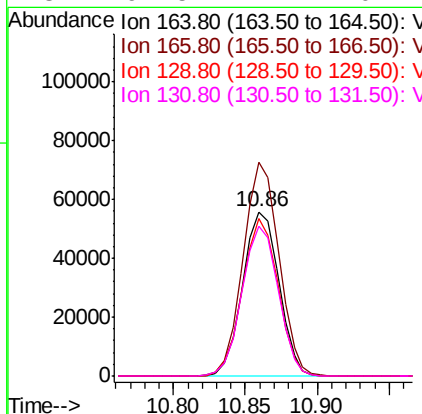
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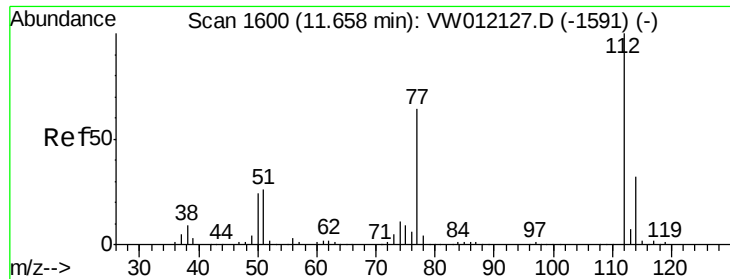
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#64
Tetrachloroethene
Concen: 49.878 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	97087		
166	130.3		102.4	153.6
129	95.8		75.8	113.6
131	91.5		71.4	107.2





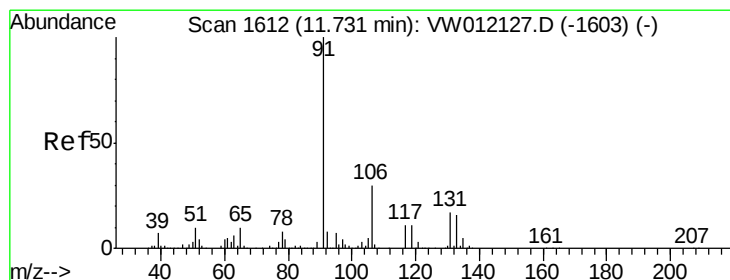
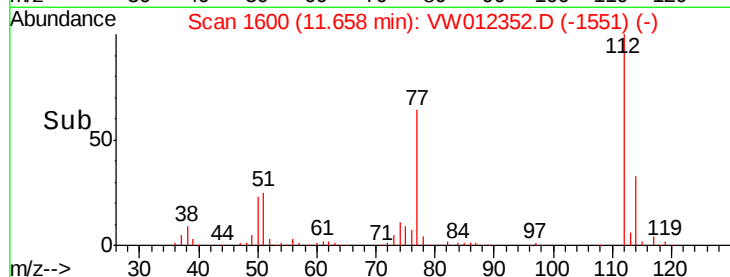
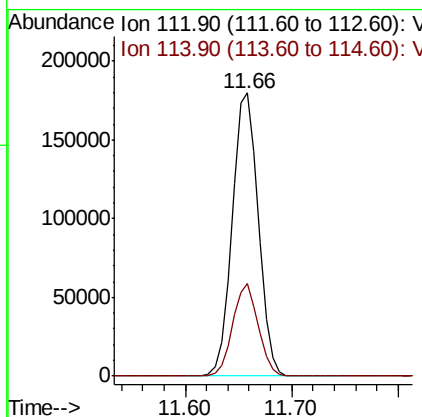
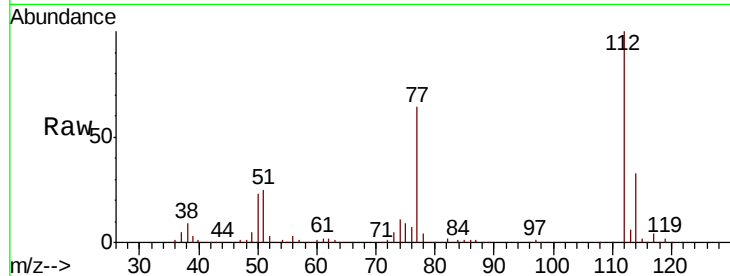
#65
Chlorobenzene
Concen: 52.349 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion:112 Resp: 309476
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6

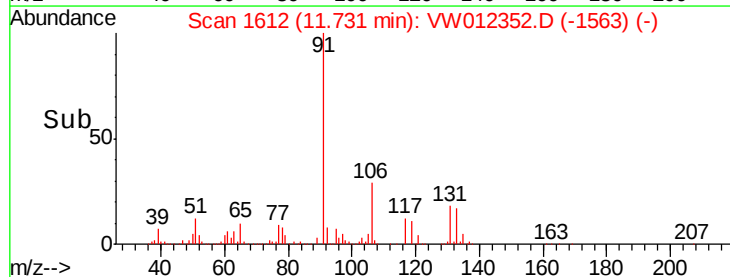
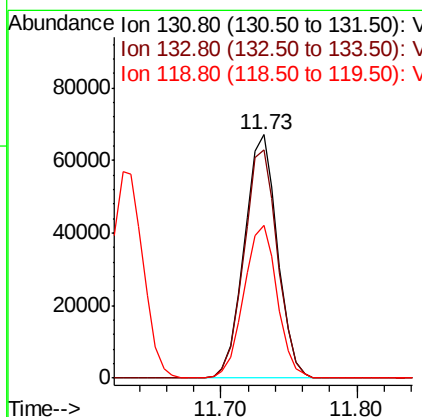
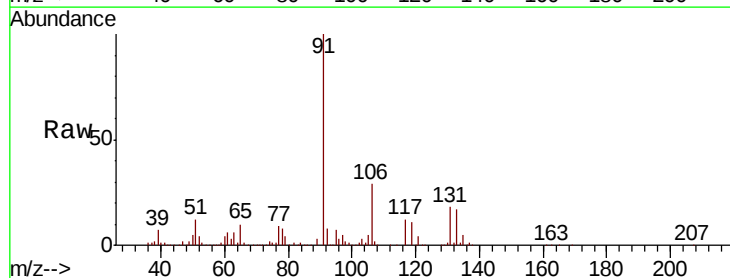
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.172 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion:131 Resp: 113786
Ion Ratio Lower Upper
131 100
133 95.5 47.1 141.3
119 63.4 31.8 95.3





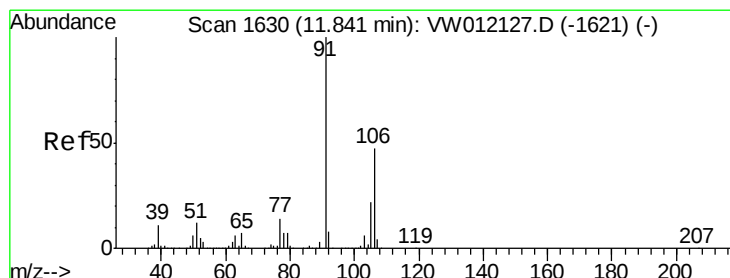
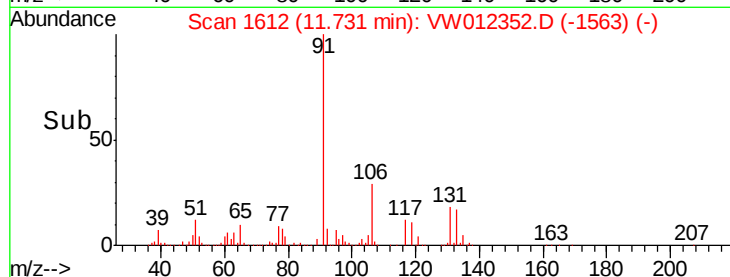
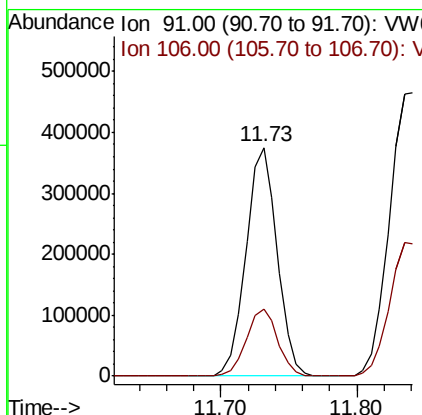
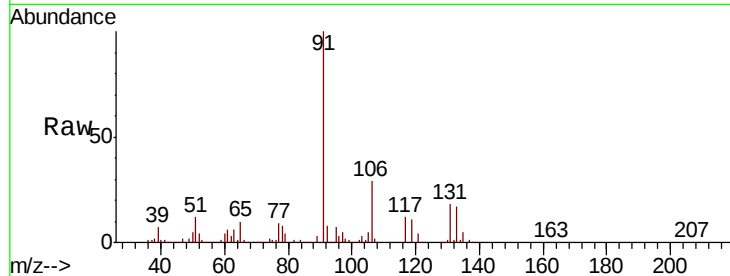
#67
Ethyl Benzene
Concen: 52.717 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	29.2	24.3	36.5	

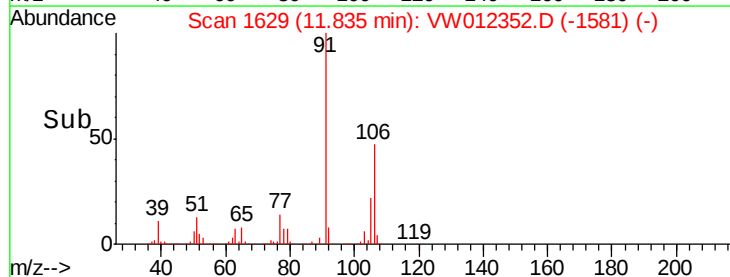
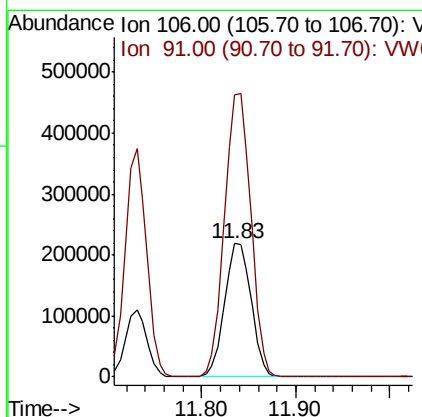
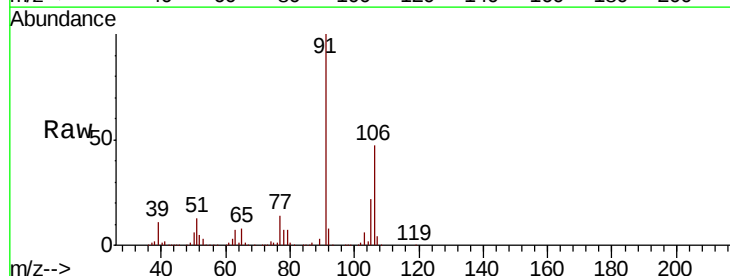
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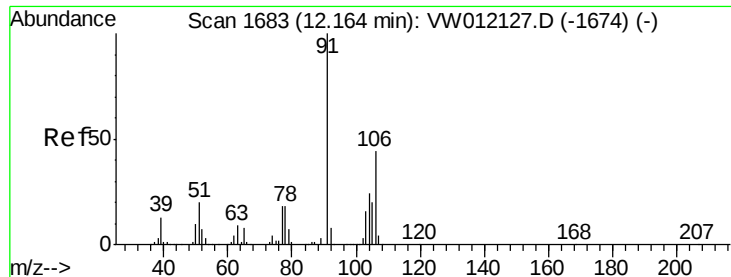
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#68
m/p-Xylenes
Concen: 103.759 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.3	169.5	254.3	





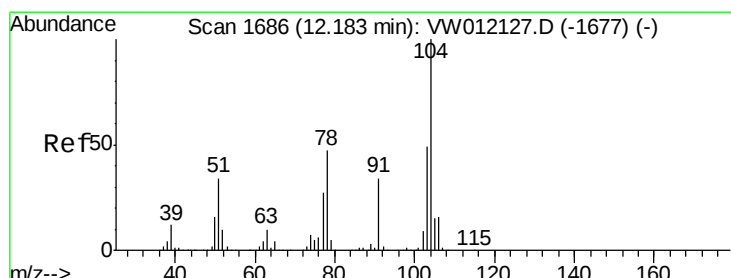
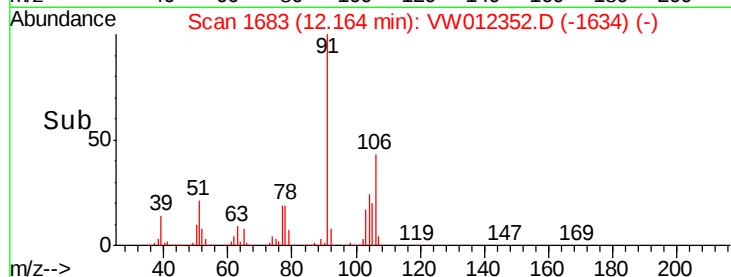
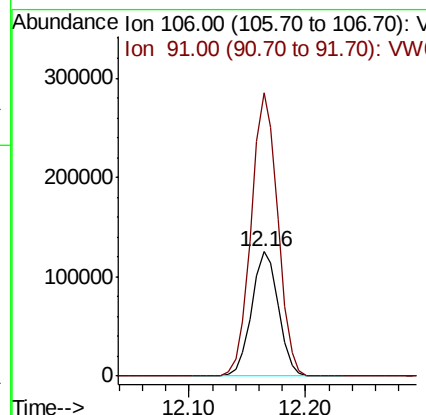
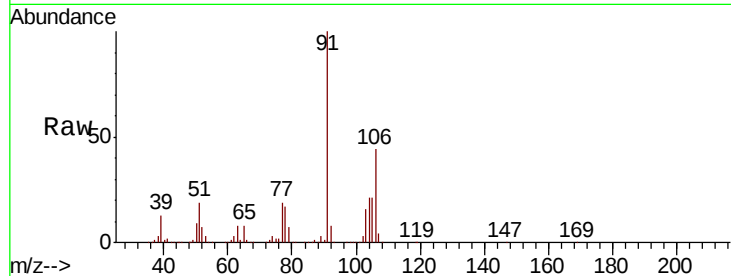
#69
o-Xylene
Concen: 53.045 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		201394		
91	225.9	111.6	334.6		

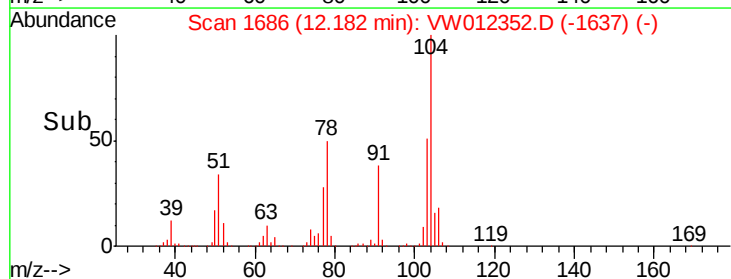
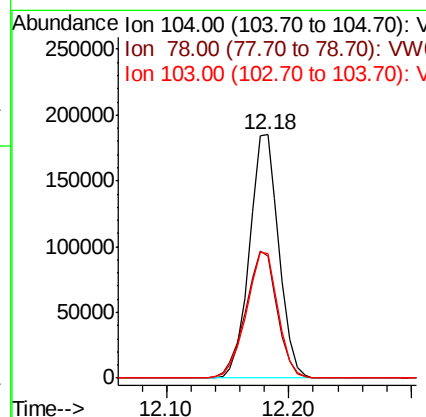
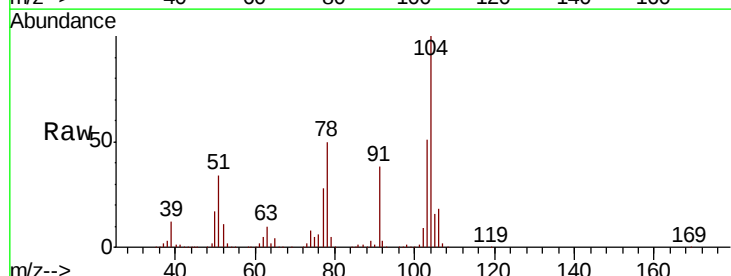
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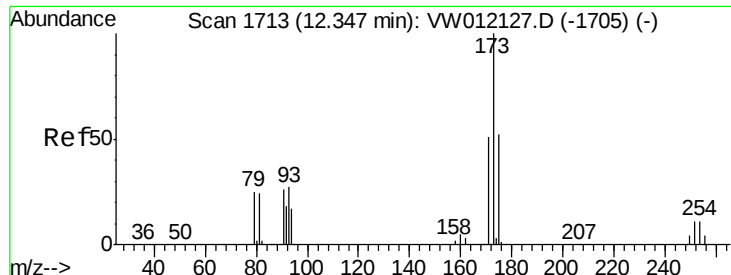
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#70
Styrene
Concen: 46.949 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		308533		
78	56.1	43.1	64.7		
103	55.6	43.5	65.3		





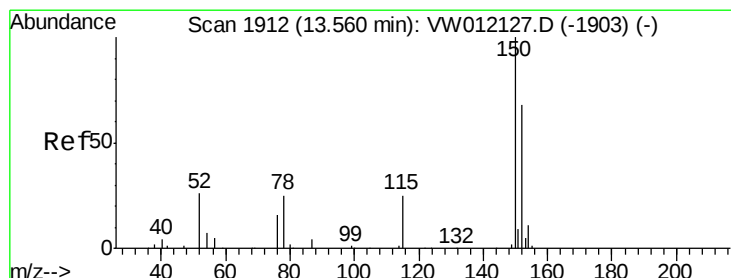
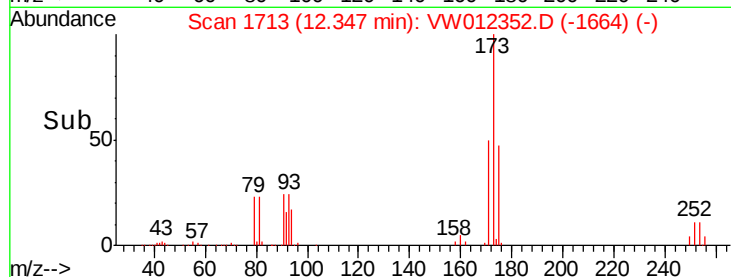
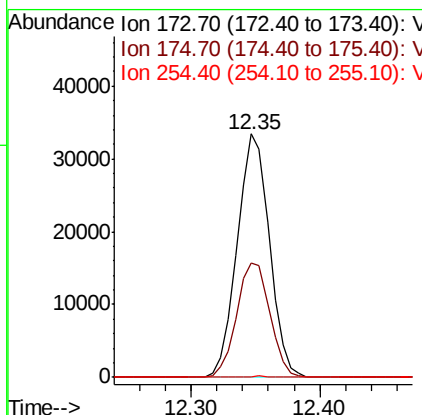
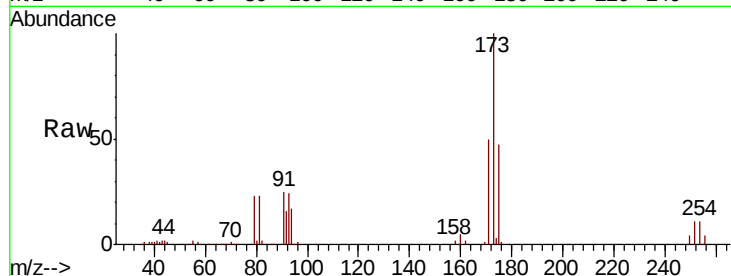
#71
Bromoform
Concen: 56.189 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	24.6	74.0
254	0.2	0.2	0.2

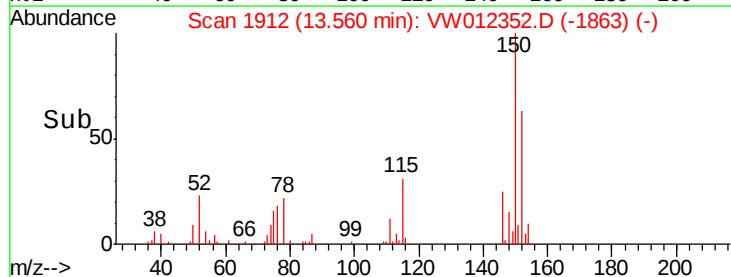
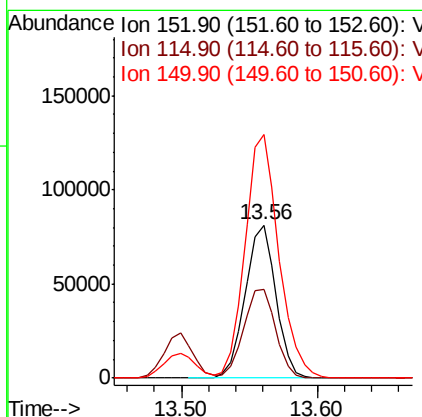
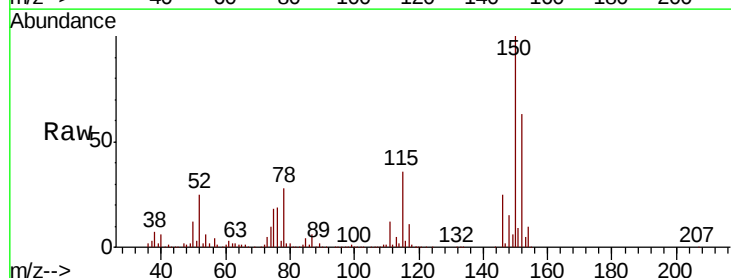
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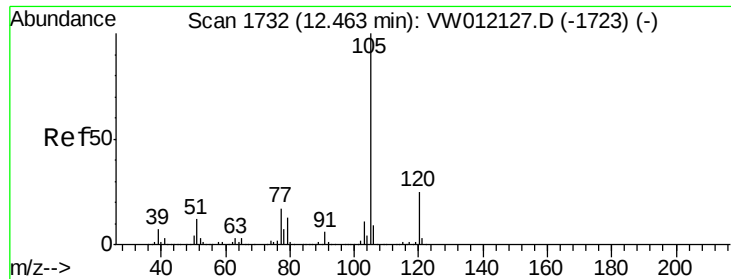
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.1	90.3
150	175.6	0.0	345.8





#73

Isopropylbenzene

Concen: 57.784 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion: 105 Resp: 553898

Ion Ratio Lower Upper

105 100

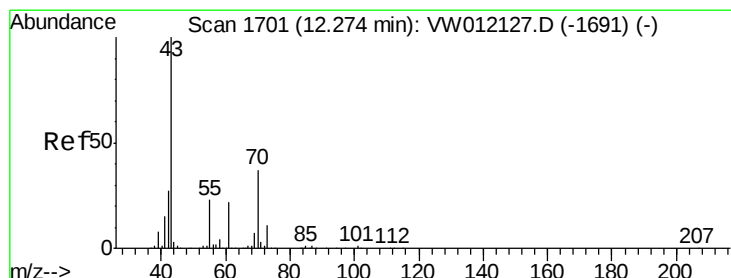
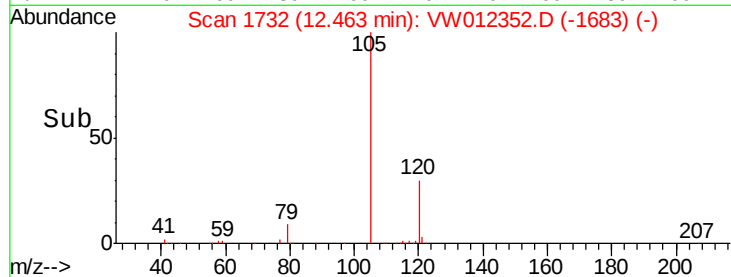
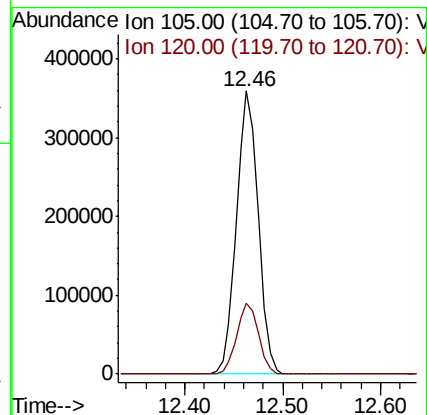
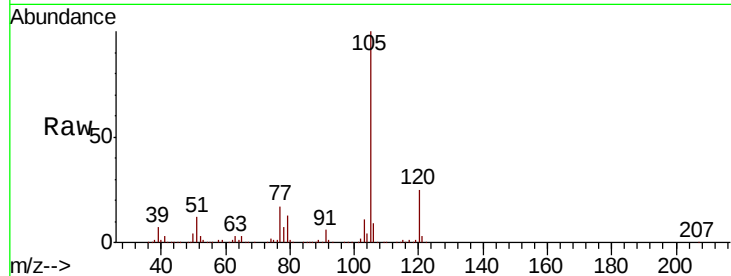
120 25.3 12.5 37.5

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#74

N-ethyl acetate

Concen: 54.540 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion: 43 Resp: 157953

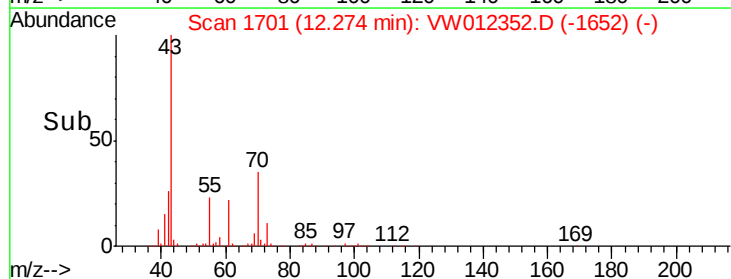
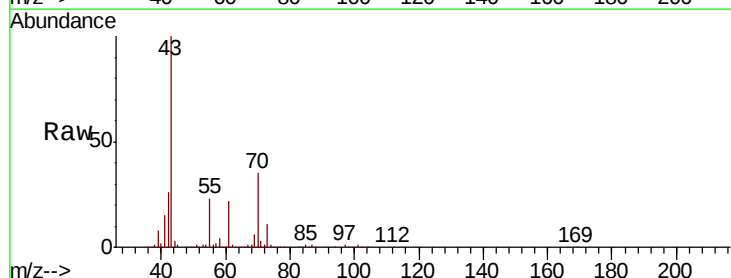
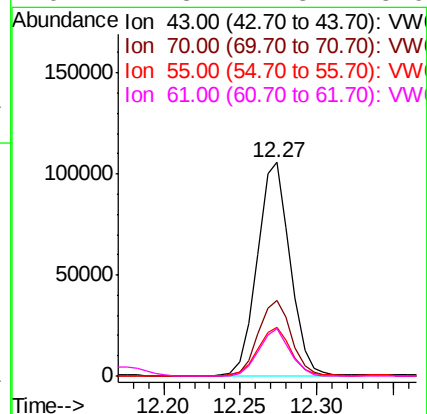
Ion Ratio Lower Upper

43 100

70 35.8 28.6 43.0

55 23.2 17.8 26.6

61 21.3 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 63.229 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

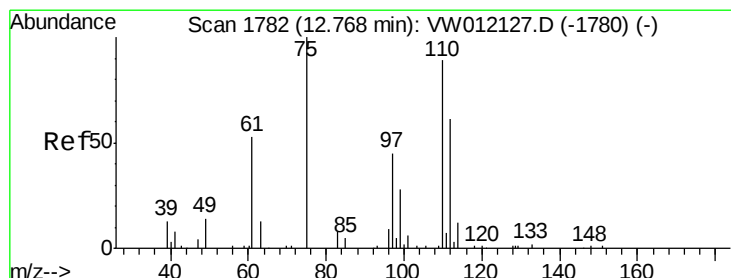
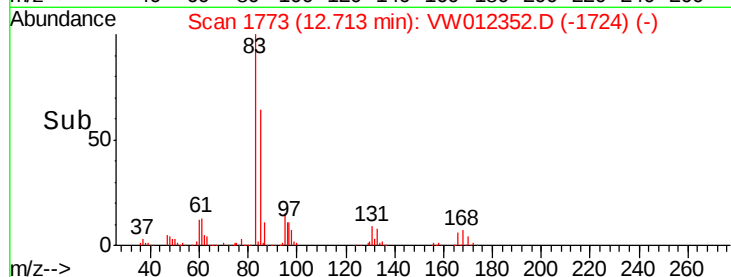
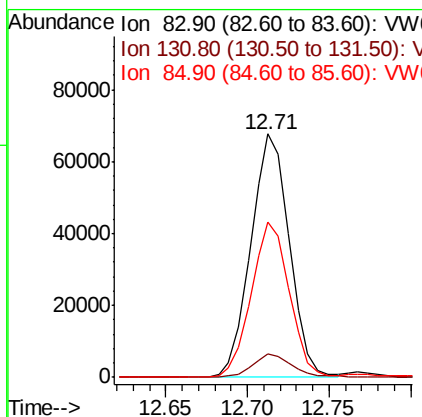
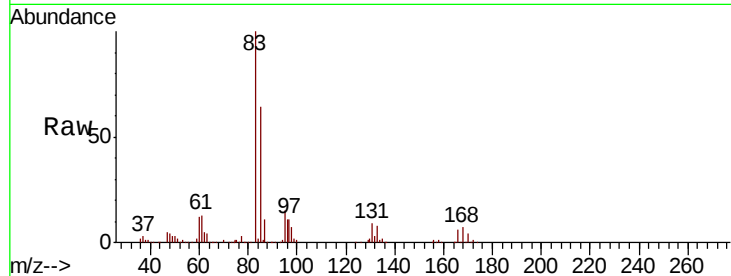
ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion:	83	Resp:	111115
Ion Ratio	Lower	Upper	
83	100		
131	9.8	4.9	14.7
85	63.4	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 73.706 ug/l m

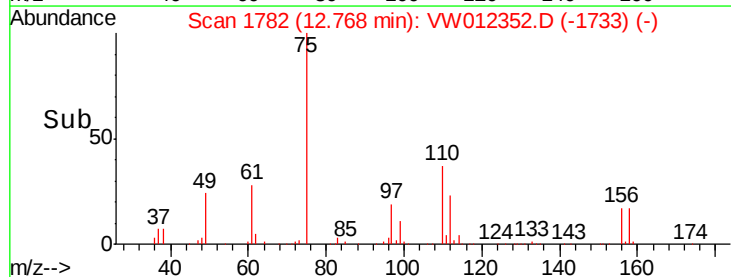
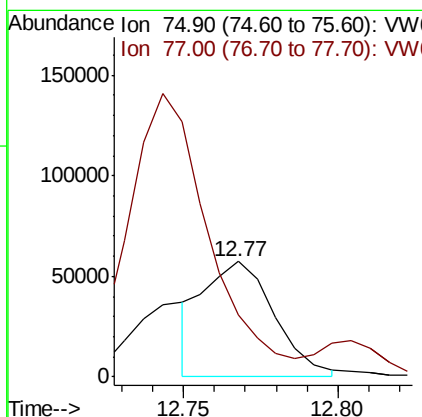
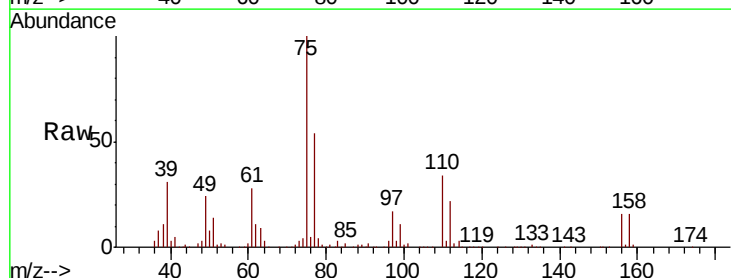
RT: 12.77 min Scan# 1782

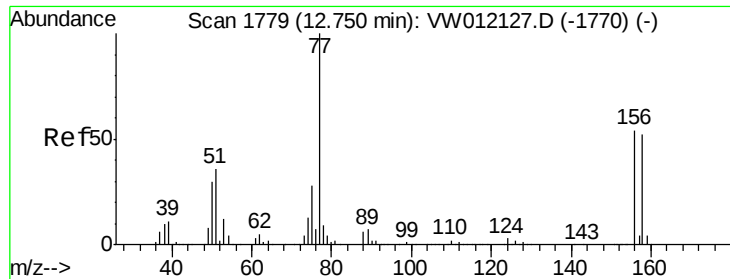
Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Tgt Ion:	75	Resp:	91831
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





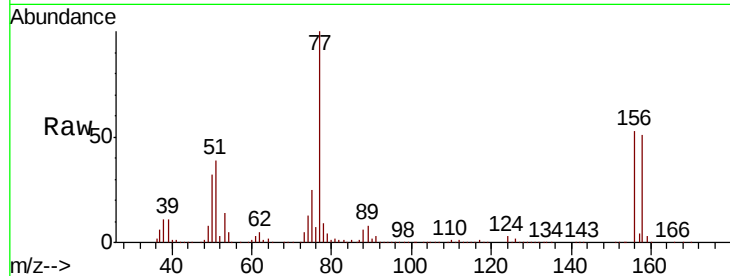
#77
Bromobenzene
Concen: 58.380 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

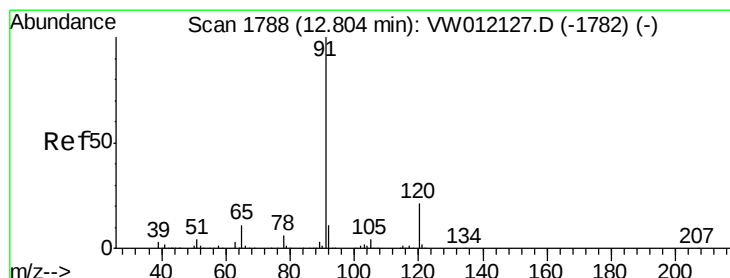
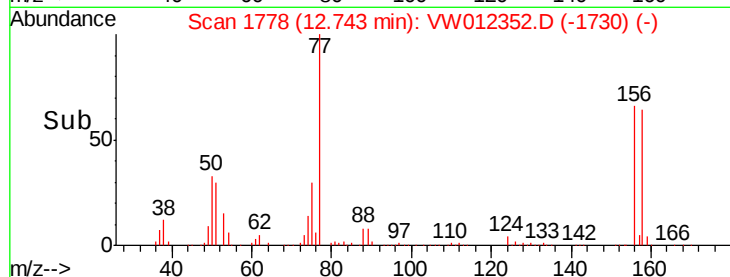
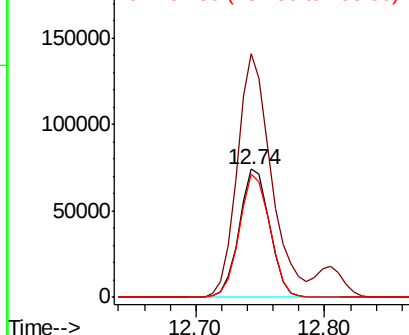
Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	212.2	107.3	321.8	
158	96.4	49.0	147.0	

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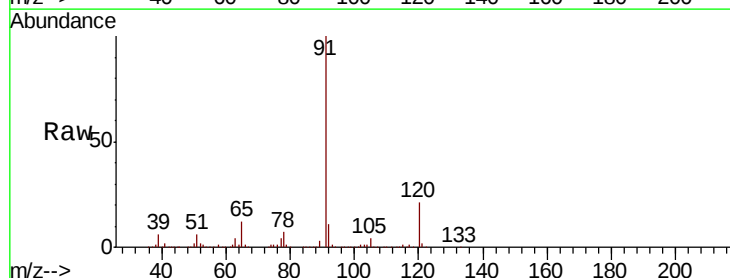


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VW
Ion 157.80 (157.50 to 158.50): V

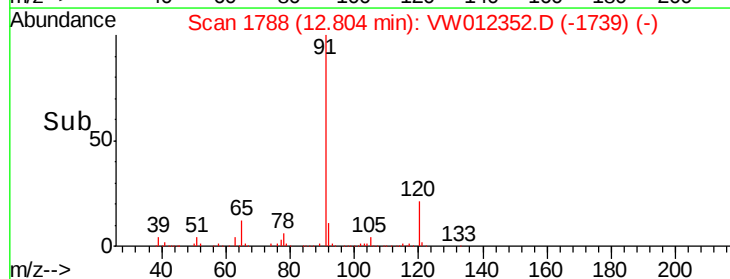
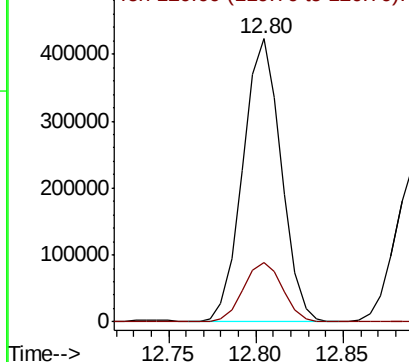


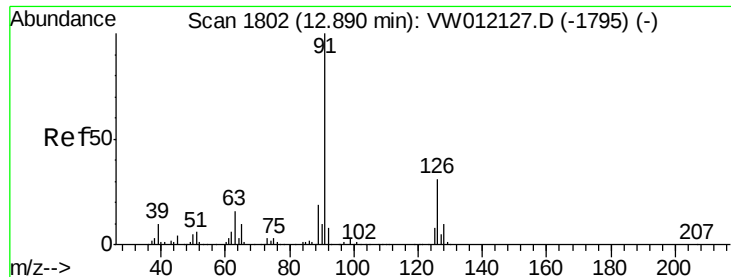
#78
n-propylbenzene
Concen: 55.237 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.5	10.5	31.6	



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 56.444 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012352.D

Acq: 30 Aug 2019 16:07

Instrument :

MSVOA_W

ClientSampleId :

S505-K2-9.5-10.0-082919MS

Tot Ion: 91 Resp: 375007

Ion Ratio Lower Upper

91 100

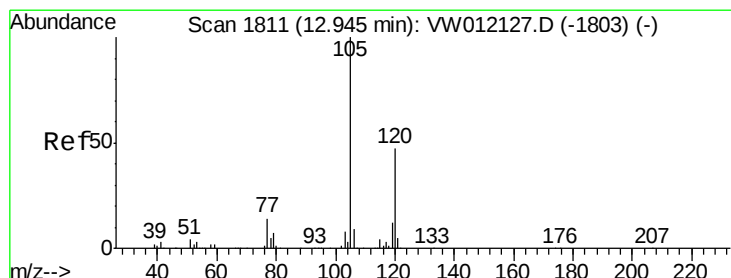
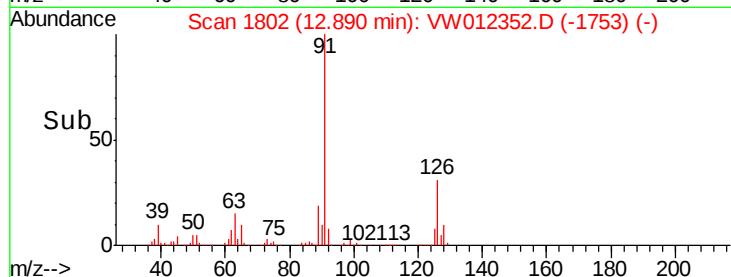
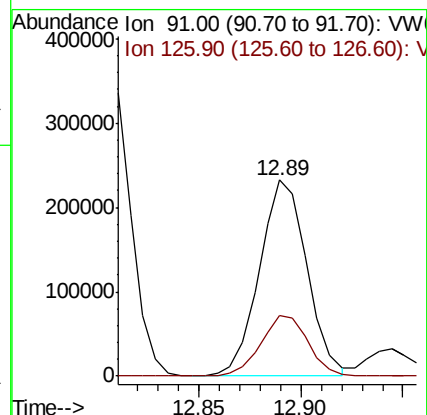
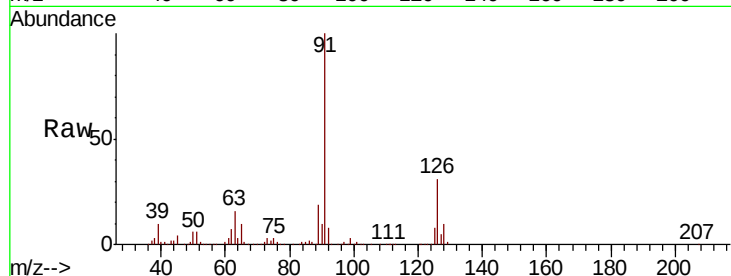
126 31.0 15.7 47.0

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#80

1,3,5-Trimethylbenzene

Concen: 56.204 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012352.D

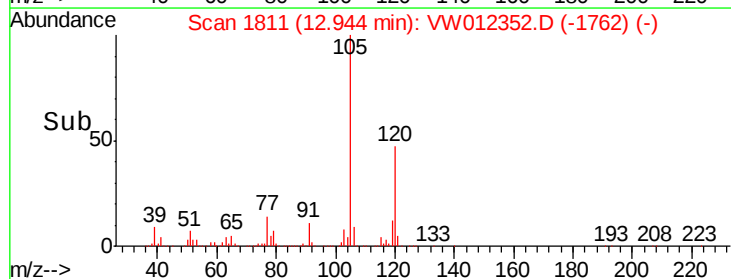
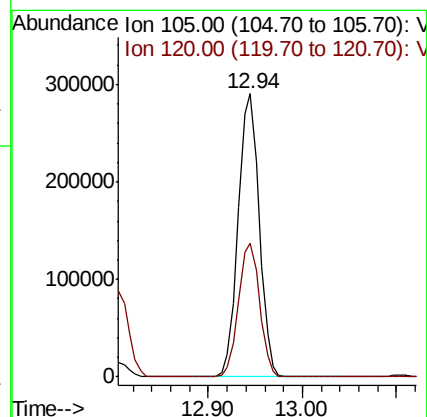
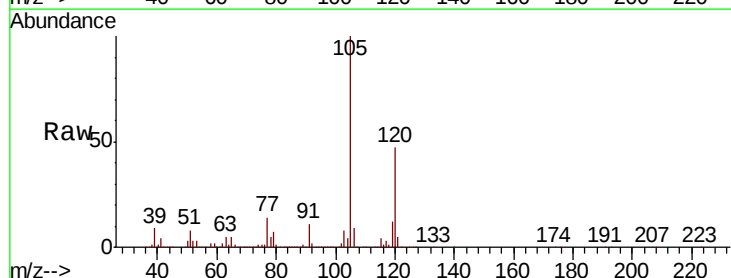
Acq: 30 Aug 2019 16:07

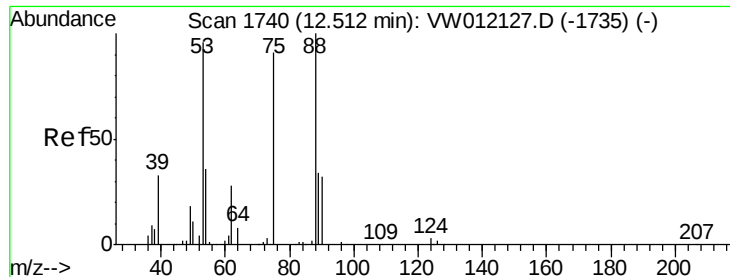
Tgt Ion: 105 Resp: 450178

Ion Ratio Lower Upper

105 100

120 47.5 24.0 72.0





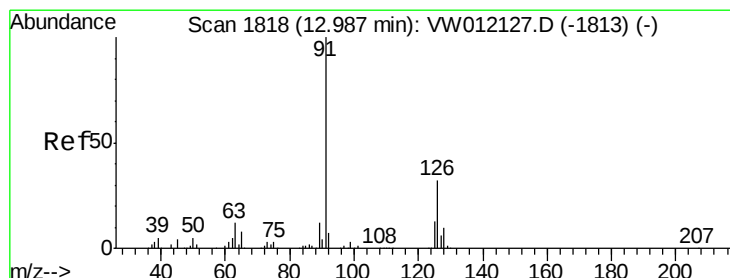
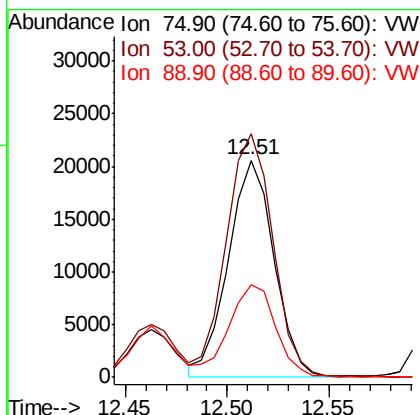
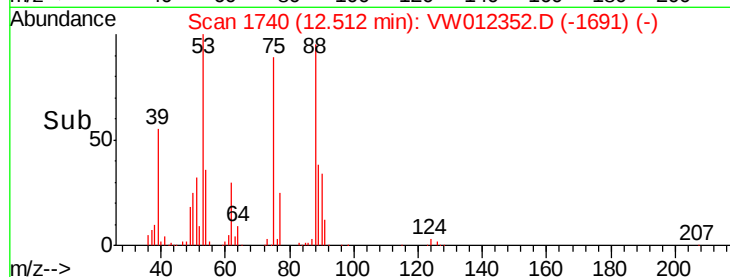
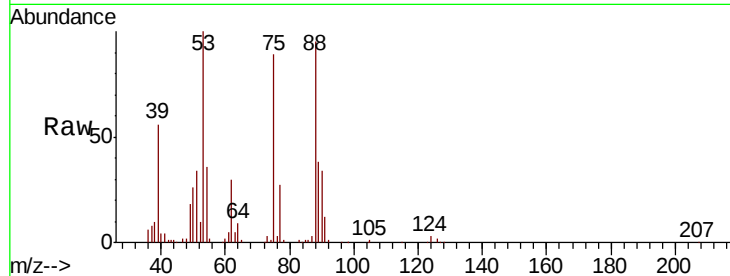
#81
trans-1,4-Dichloro-2-butene
Concen: 55.905 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	115.0	89.4	134.0
89	44.8	34.5	51.7

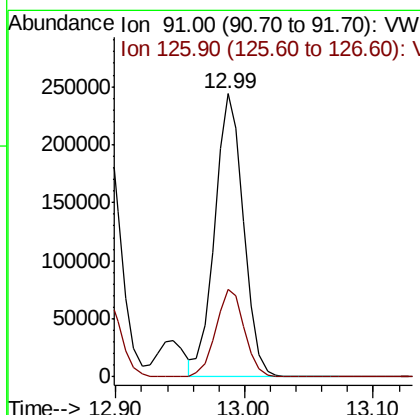
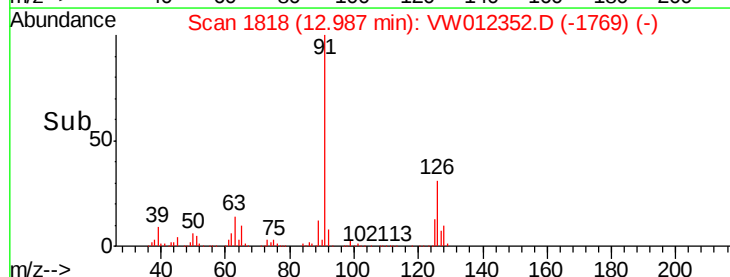
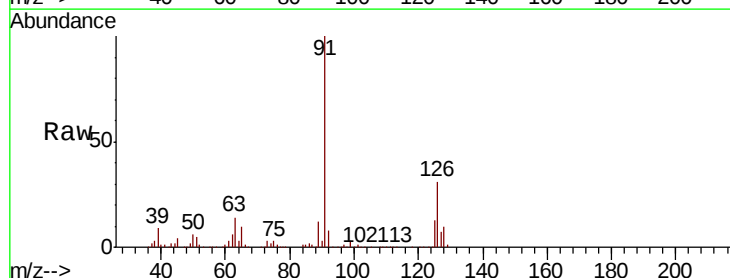
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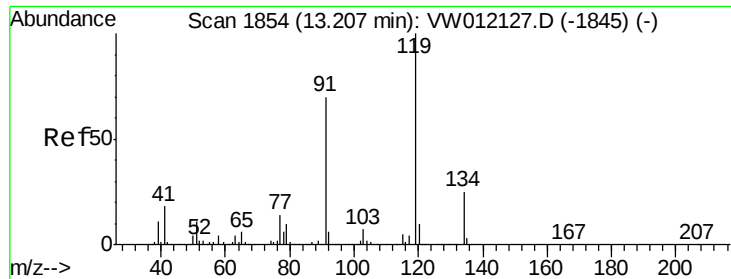
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#82
4-Chlorotoluene
Concen: 54.794 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.6	46.8





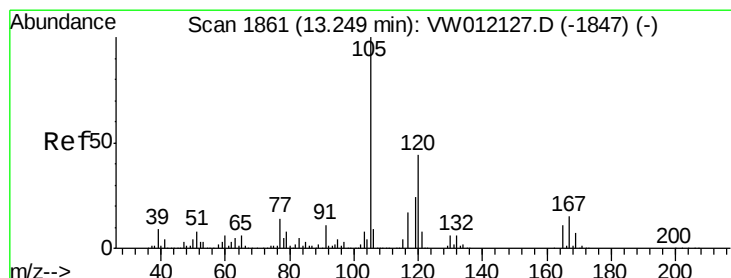
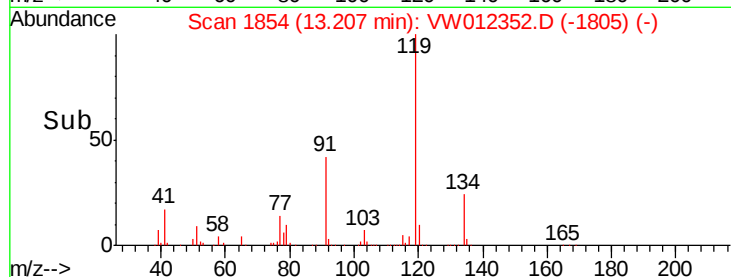
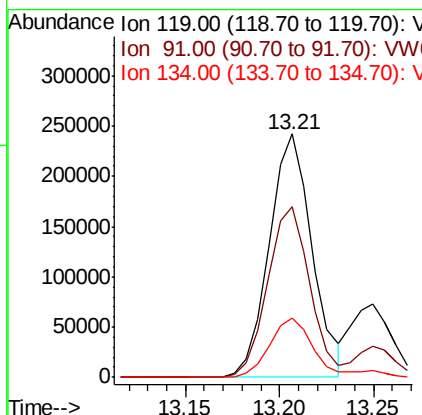
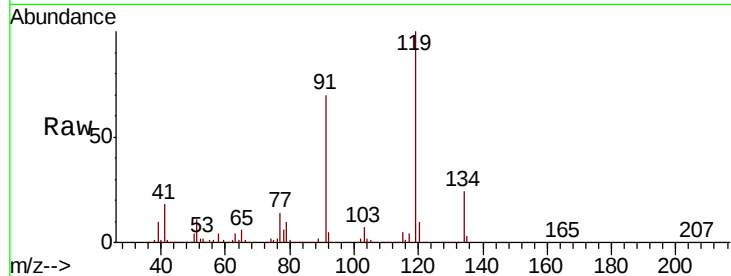
#83
tert-Butylbenzene
Concen: 56.187 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.1	34.8	104.3
134	24.5	13.3	39.8

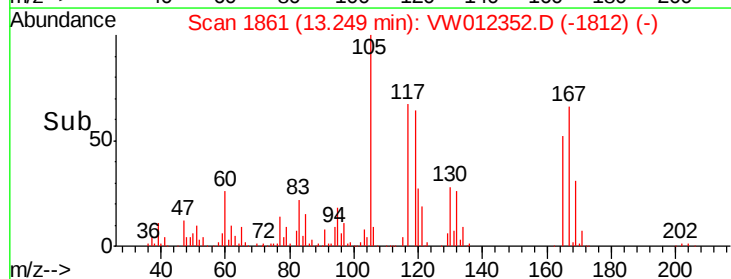
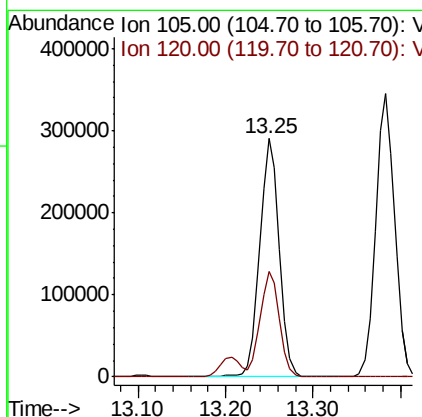
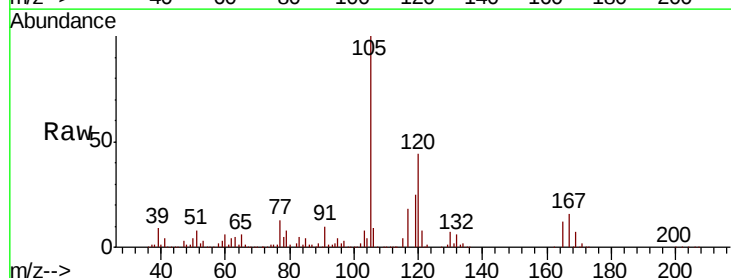
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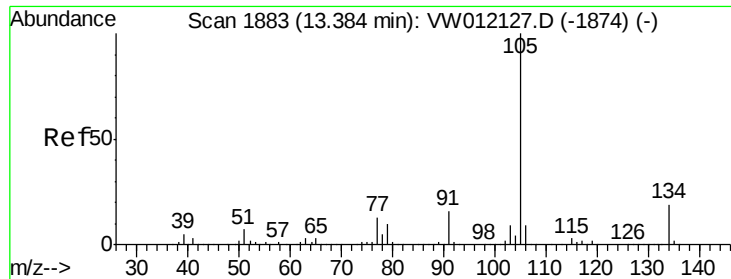
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#84
1,2,4-Trimethylbenzene
Concen: 55.731 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	21.9	65.7





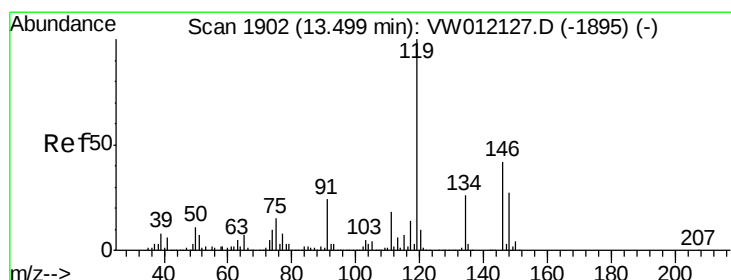
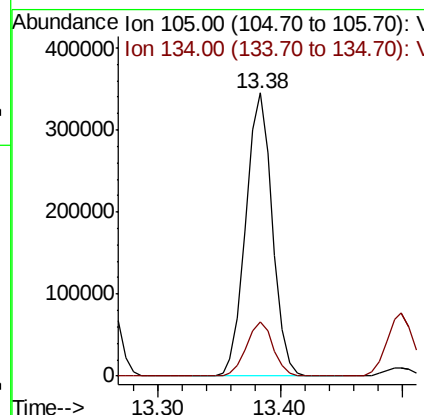
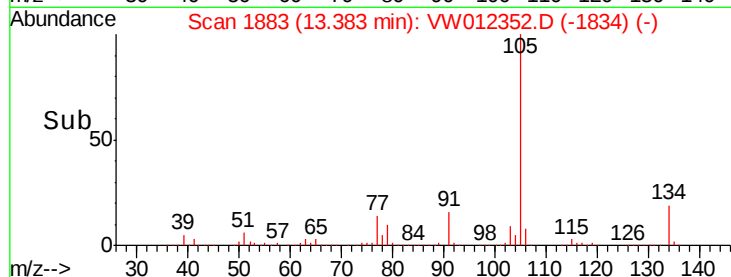
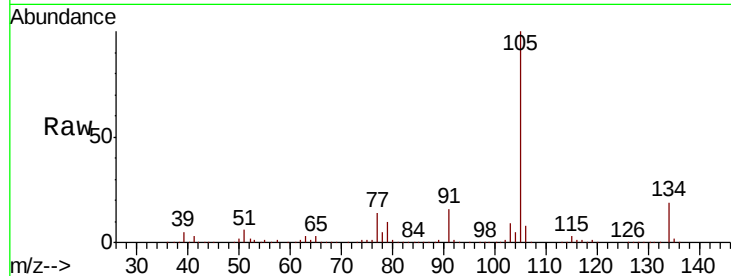
#85
 sec-Butylbenzene
 Concen: 53.244 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Resp	Lower	Upper
105	100	517565		
134	19.2	9.8	29.4	

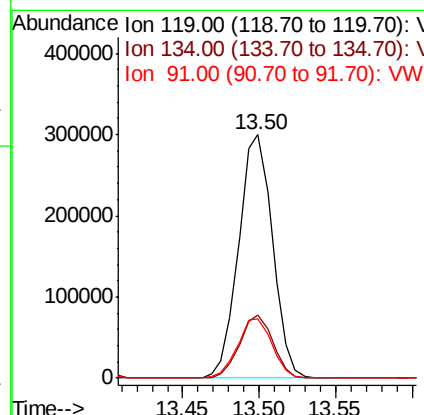
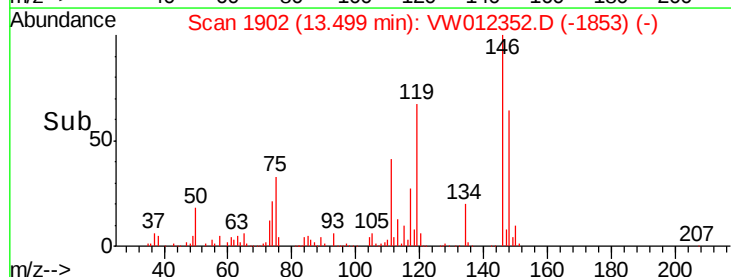
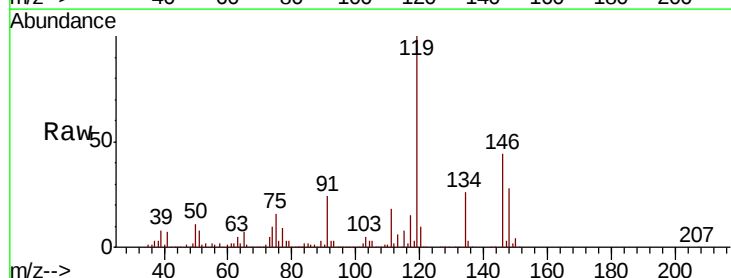
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#86
 p-Isopropyltoluene
 Concen: 52.981 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	459935		
134	25.5	12.8	38.3	
91	24.5	12.3	36.9	





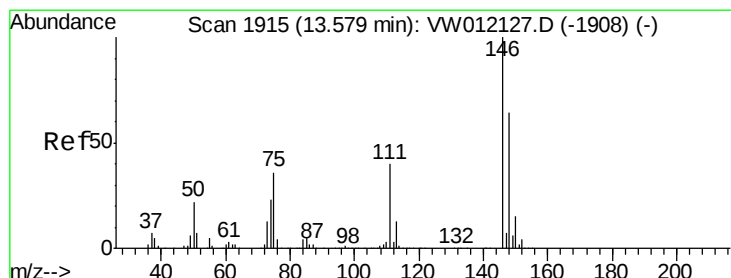
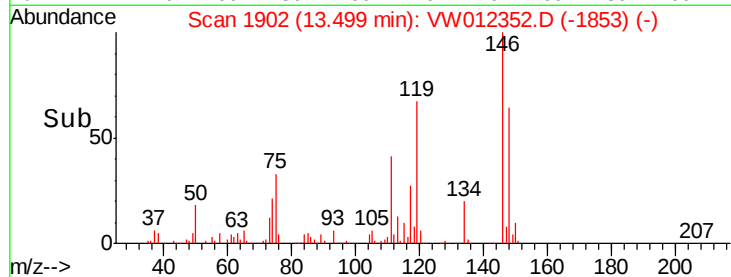
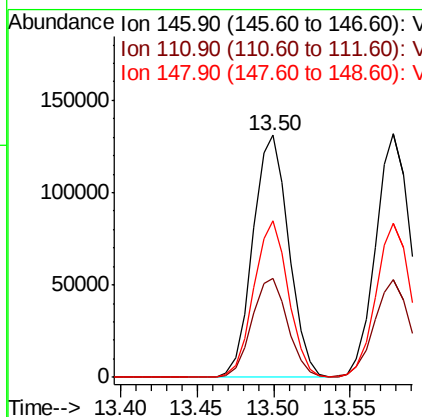
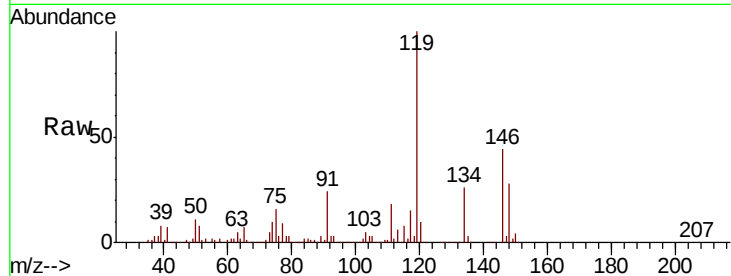
#87
 1,3-Dichlorobenzene
 Concen: 52.840 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	214330		
111	40.7	20.9	62.7	
148	62.2	32.2	96.6	

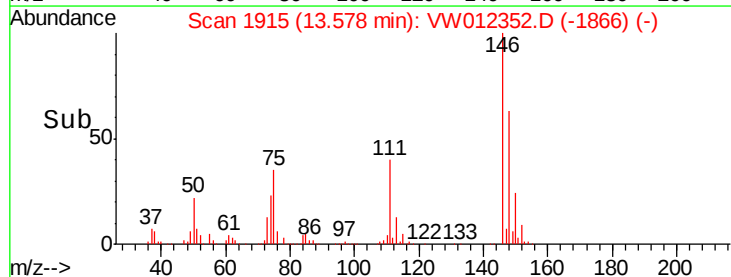
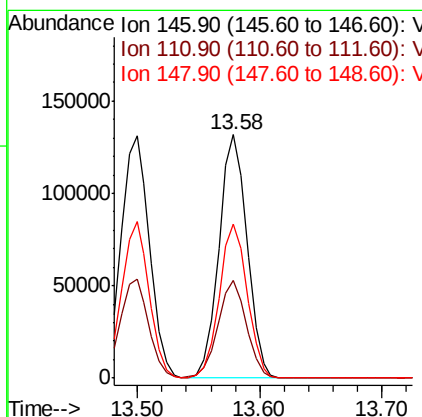
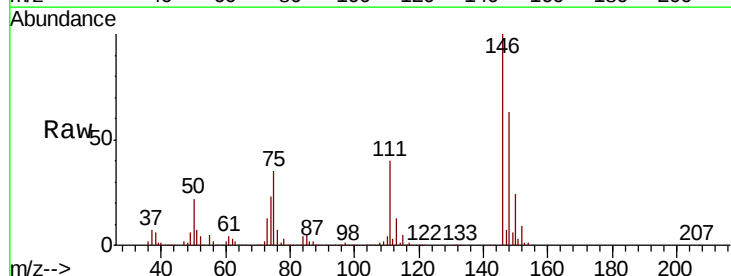
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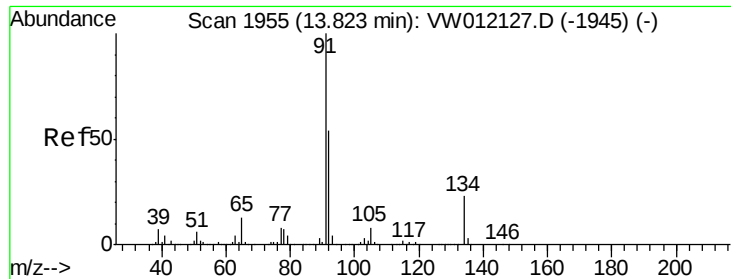
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#88
 1,4-Dichlorobenzene
 Concen: 52.056 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	209654		
111	40.5	20.0	60.0	
148	63.1	32.1	96.3	





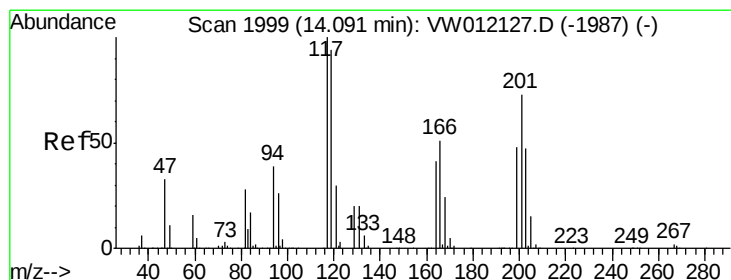
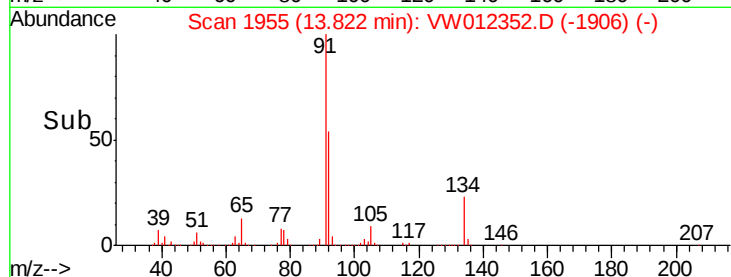
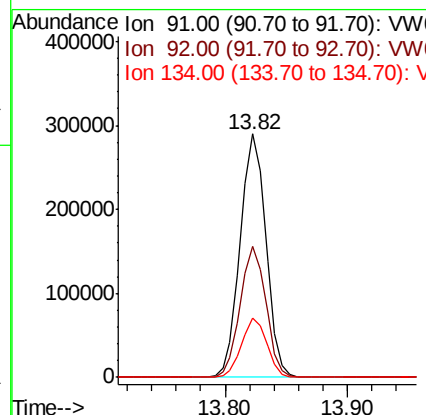
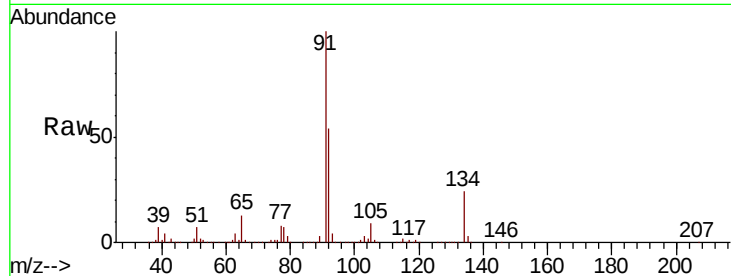
#89
n-Butylbenzene
Concen: 48.726 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.9	27.1	81.2
134	24.2	12.2	36.4

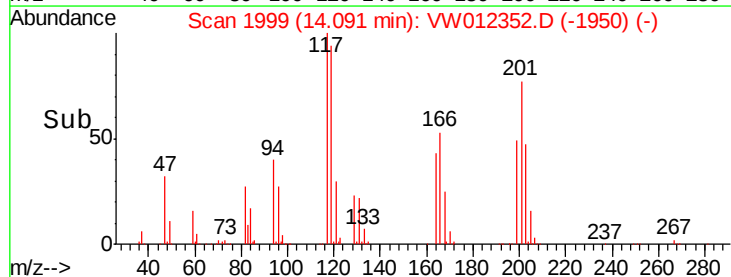
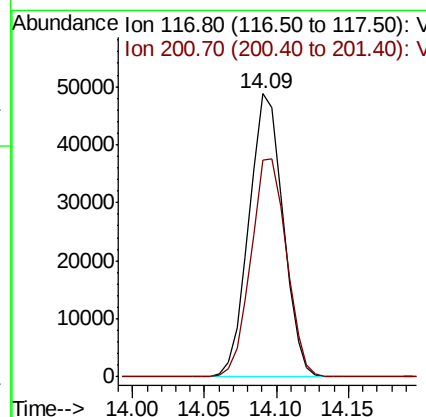
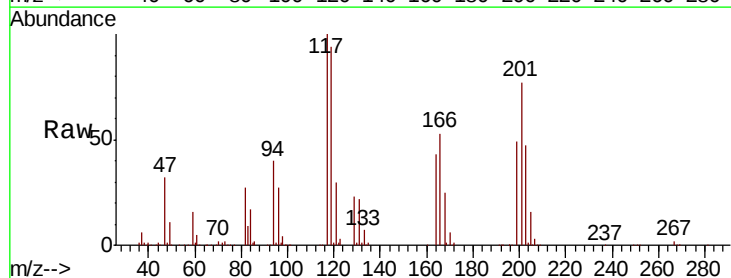
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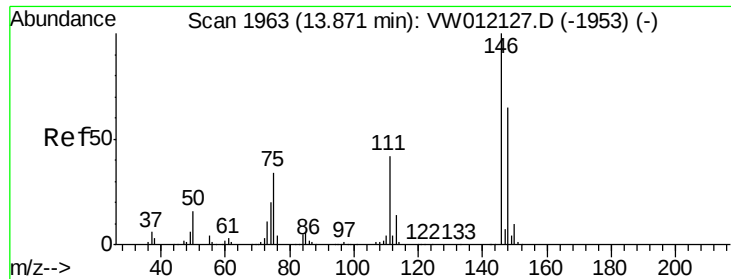
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#90
Hexachloroethane
Concen: 52.532 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.1	38.6	115.7





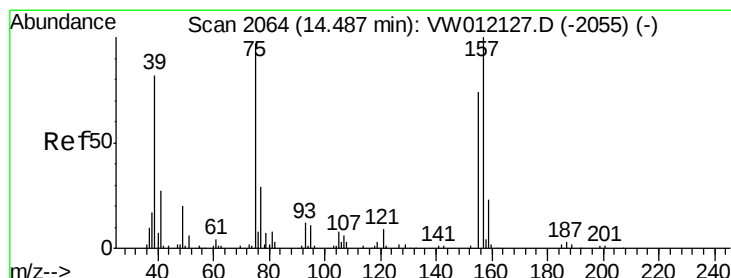
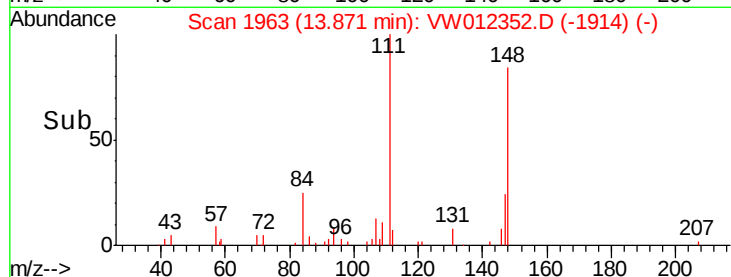
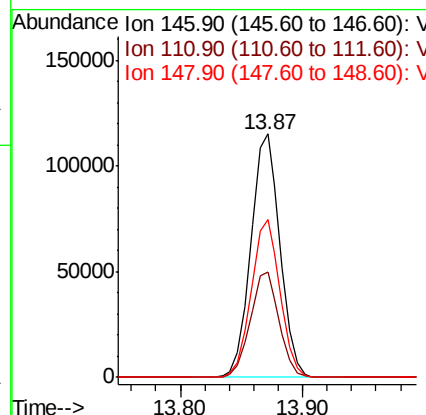
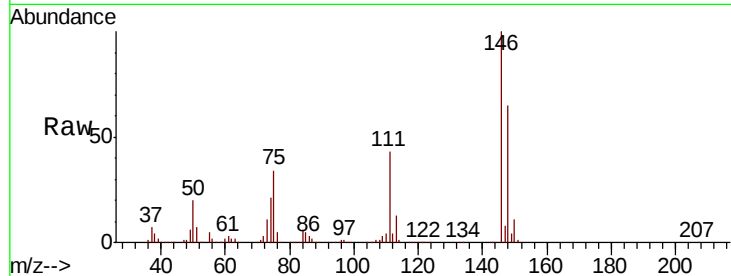
#91
 1,2-Dichlorobenzene
 Concen: 53.419 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.2	63.6
148	64.1	32.5	97.4

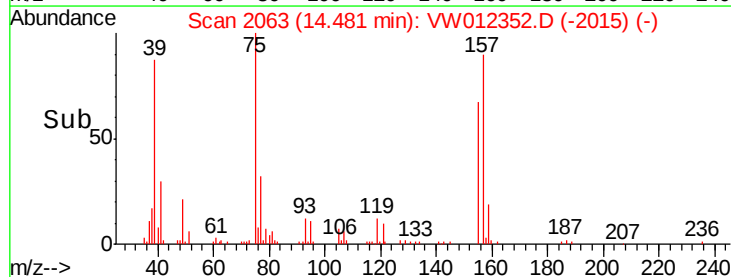
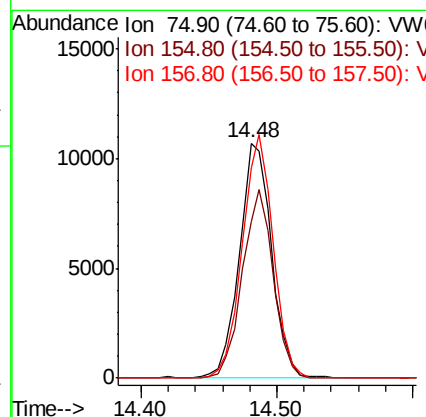
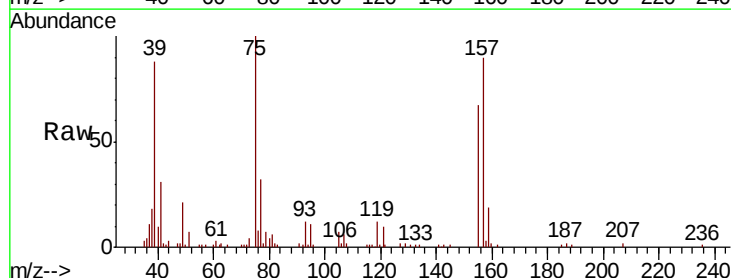
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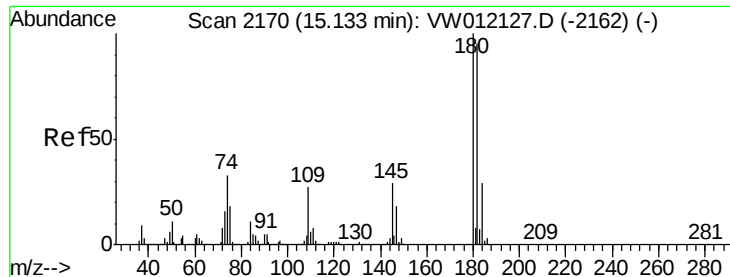
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.492 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.9	37.5	112.3
157	99.6	50.5	151.5





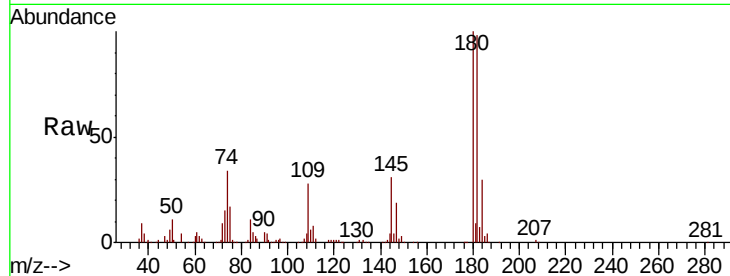
#93
 1,2,4-Trichlorobenzene
 Concen: 37.686 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Instrument :
 MSVOA_W
 ClientSampleId :
 S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	92672		
182	97.0	47.8	143.4	
145	30.9	15.0	45.1	

Manual Integrations
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 8/31/2019 9:11:20 AM

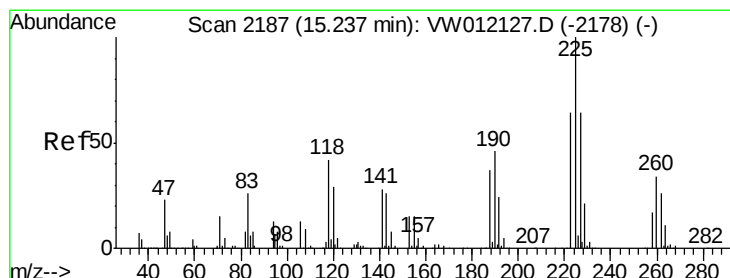
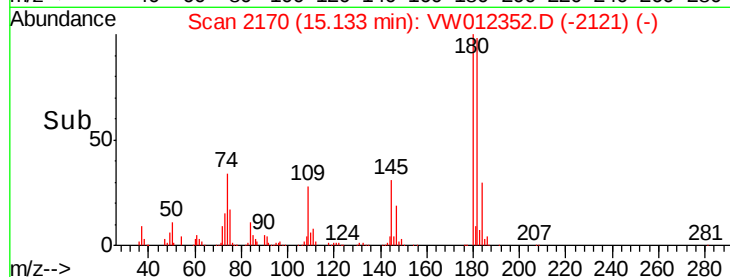
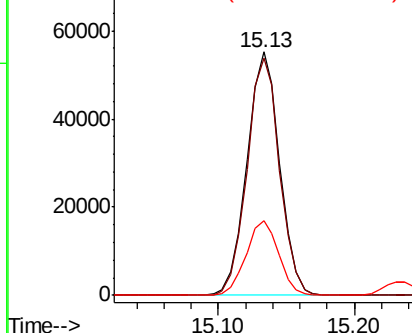


Abundance

Ion 179.80 (179.50 to 180.50): V

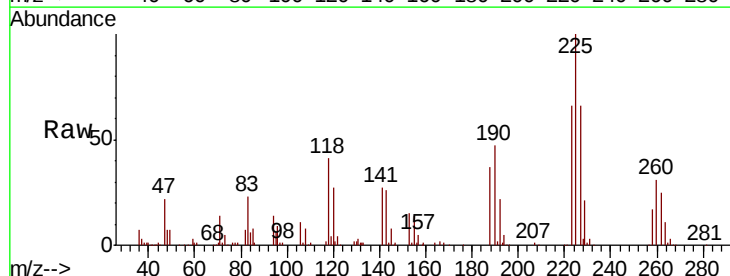
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 38.353 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012352.D
 Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	62273		
223	62.7	32.3	96.8	
227	62.5	32.9	98.6	

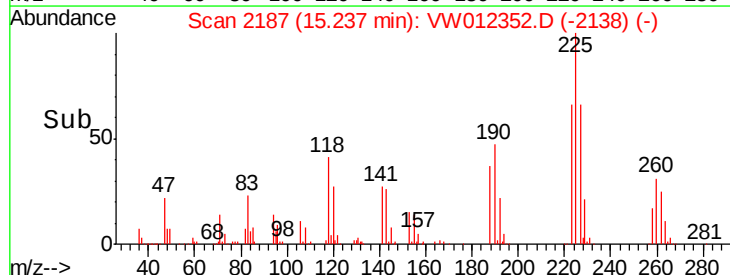
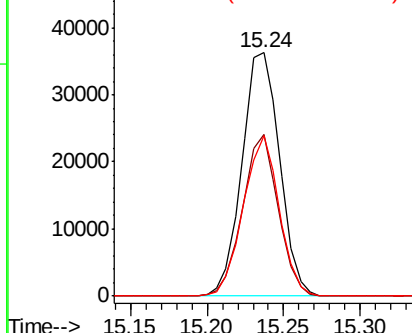


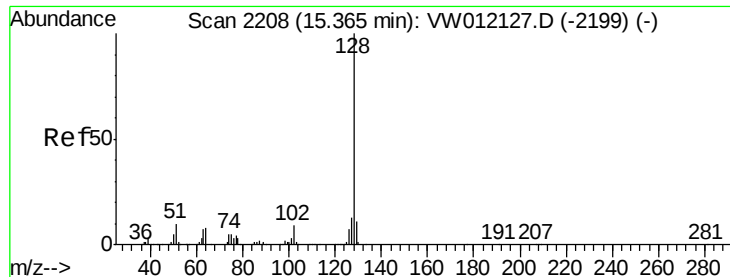
Abundance

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





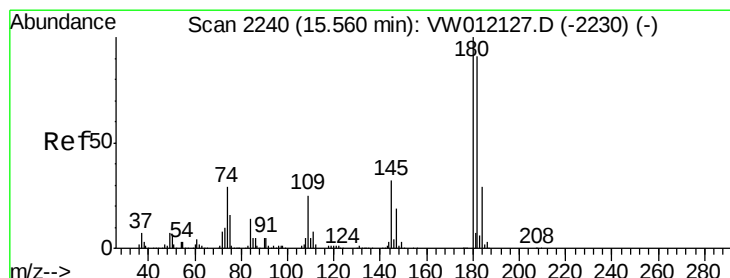
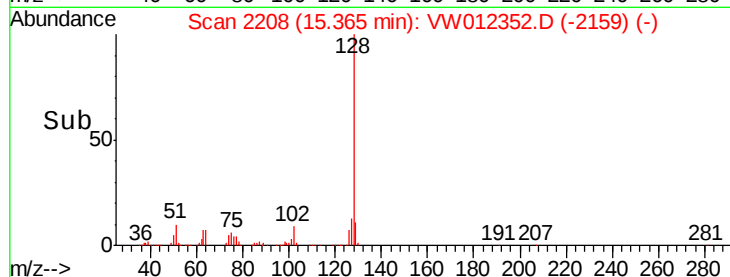
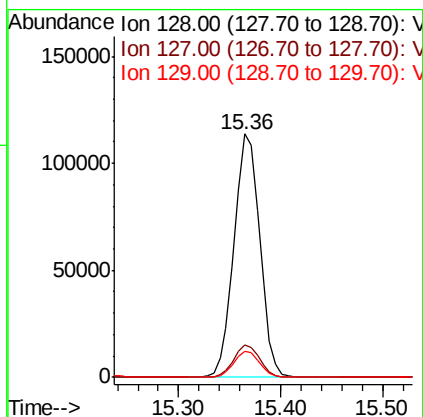
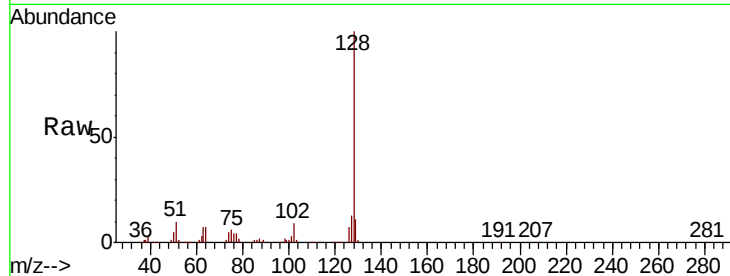
#95
Naphthalene
Concen: 41.952 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Instrument :
MSVOA_W
ClientSampleId :
S505-K2-9.5-10.0-082919MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	10.7	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 38.050 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.01 min
Lab File: VW012352.D
Acq: 30 Aug 2019 16:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	31.7	16.2	48.5

