

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010620\
 Data File : VW014520.D
 Acq On : 06 Jan 2020 13:44
 Operator : SY/VA
 Sample : VW0106SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Manual Integrations
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apatel
 1/7/2020 10:27:43 AM

Quant Time: Jan 07 02:56:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 03 16:07:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	892293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1332150	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1146374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	570439	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	394537	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	381127	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	10.32	98	1587273	49.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.62	95	531562	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	106306	21.101	ug/l	97
3) Chloromethane	2.21	50	128825	20.890	ug/l	95
4) Vinyl Chloride	2.36	62	188484	20.781	ug/l	98
5) Bromomethane	2.76	94	113867	20.322	ug/l	97
6) Chloroethane	2.92	64	105692	20.442	ug/l	95
7) Trichlorofluoromethane	3.24	101	94546	20.834	ug/l	98
8) Diethyl Ether	3.68	74	87926	19.473	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	170842	20.148	ug/l	99
10) Methyl Iodide	4.27	142	248980	19.461	ug/l	98
11) Tert butyl alcohol	5.15	59	59782	84.174	ug/l	99
12) 1,1-Dichloroethene	4.04	96	174312	19.630	ug/l	96
13) Acrolein	3.89	56	62560	91.876	ug/l	98
14) Allyl chloride	4.66	41	277480	20.449	ug/l	99
15) Acrylonitrile	5.36	53	198105	95.985	ug/l	97
16) Acetone	4.11	43	190625	86.535	ug/l	97
17) Carbon Disulfide	4.38	76	539729	20.167	ug/l	97
18) Methyl Acetate	4.67	43	101129	19.008	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	222015	20.142	ug/l	99
20) Methylene Chloride	4.91	84	303026	32.421	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	190550	20.210	ug/l	97
22) Diisopropyl ether	6.31	45	537097	21.147	ug/l	97
23) Vinyl Acetate	6.25	43	1528680	99.672	ug/l	99
24) 1,1-Dichloroethane	6.21	63	329439	20.563	ug/l	99
25) 2-Butanone	7.16	43	255287	90.303	ug/l	97
26) 2,2-Dichloropropane	7.16	77	180822	20.386	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	198697	20.056	ug/l	97
28) Bromochloromethane	7.51	49	119427	19.014	ug/l	97
29) Tetrahydrofuran	7.52	42	159449	91.044	ug/l	99
30) Chloroform	7.67	83	307488	20.524	ug/l	100
31) Cyclohexane	7.95	56	335399	20.144	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	253069	21.003	ug/l	99
36) 1,1-Dichloropropene	8.08	75	266177	20.726	ug/l	99
37) Ethyl Acetate	7.24	43	110116	18.906	ug/l	99
38) Carbon Tetrachloride	8.07	117	230122	20.654	ug/l	98

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	322344	19.559	ug/l	96
40) Benzene	8.32	78	761222	20.949	ug/l	97
41) Methacrylonitrile	7.48	41	66866	20.595	ug/l	91
42) 1,2-Dichloroethane	8.40	62	197025	20.894	ug/l	98
43) Isopropyl Acetate	8.42	43	199587	18.871	ug/l	98
44) Trichloroethene	9.09	130	194135	19.745	ug/l	100
45) 1,2-Dichloropropane	9.37	63	182527	20.471	ug/l	95
46) Dibromomethane	9.46	93	87239	19.819	ug/l	99
47) Bromodichloromethane	9.64	83	220776	20.315	ug/l	97
48) Methyl methacrylate	9.43	41	92652	17.942	ug/l	96
49) 1,4-Dioxane	9.45	88	29003	352.281	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	524872	95.562	ug/l	99
52) Toluene	10.38	92	472468	20.668	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	223628	19.874	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	276344	20.095	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	126697	19.708	ug/l	97
56) Ethyl methacrylate	10.65	69	158841	19.012	ug/l	98
57) 1,3-Dichloropropane	10.93	76	226387	20.036	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	232875	91.648	ug/l	97
59) 2-Hexanone	10.96	43	350556	92.622	ug/l	98
60) Dibromochloromethane	11.13	129	142949	19.707	ug/l	98
61) 1,2-Dibromoethane	11.23	107	119902	19.649	ug/l	99
64) Tetrachloroethene	10.86	164	167691	20.205	ug/l	99
65) Chlorobenzene	11.65	112	477810	20.345	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	160571	20.306	ug/l	100
67) Ethyl Benzene	11.73	91	863404	20.400	ug/l	98
68) m/p-Xylenes	11.83	106	660336	40.765	ug/l	99
69) o-Xylene	12.16	106	302345	20.206	ug/l	100
70) Styrene	12.18	104	517192	20.435	ug/l	99
71) Bromoform	12.35	173	79625	18.461	ug/l #	99
73) Isopropylbenzene	12.46	105	829956	19.829	ug/l	99
74) N-amyl acetate	12.27	43	176424	18.799	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	142175	18.819	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	88190m	16.351	ug/l	
77) Bromobenzene	12.74	156	189975	19.542	ug/l	99
78) n-propylbenzene	12.80	91	1003777	20.394	ug/l	99
79) 2-Chlorotoluene	12.89	91	559650	19.981	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	705606	20.078	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44397	18.341	ug/l	94
82) 4-Chlorotoluene	12.99	91	591553	20.329	ug/l	99
83) tert-Butylbenzene	13.21	119	608713	19.783	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	702036	20.074	ug/l	100
85) sec-Butylbenzene	13.38	105	856924	20.120	ug/l	100
86) p-Isopropyltoluene	13.50	119	781002	20.118	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	375467	19.862	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	368785	19.760	ug/l	98
89) n-Butylbenzene	13.82	91	723289	20.063	ug/l	99
90) Hexachloroethane	14.09	117	131331	19.365	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	327839	19.731	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	21422	17.906	ug/l	97

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	208986	18.626	ug/l	100
94) Hexachlorobutadiene	15.24	225	145217	19.313	ug/l	97
95) Naphthalene	15.36	128	329002	17.193	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	179431	18.346	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

Tgt Ion: 168 Resp: 892293

Ion Ratio Lower Upper

168 100

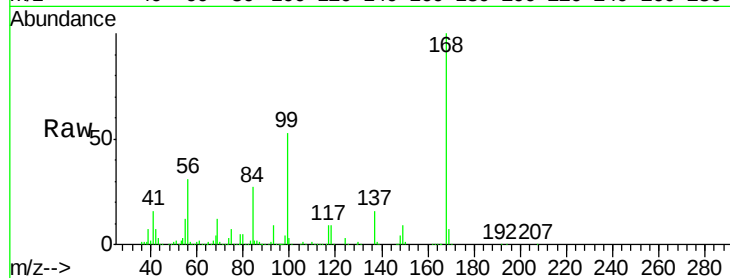
99 52.8 41.1 61.7

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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

400000

300000

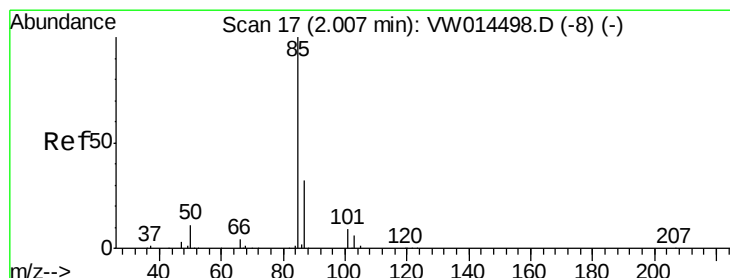
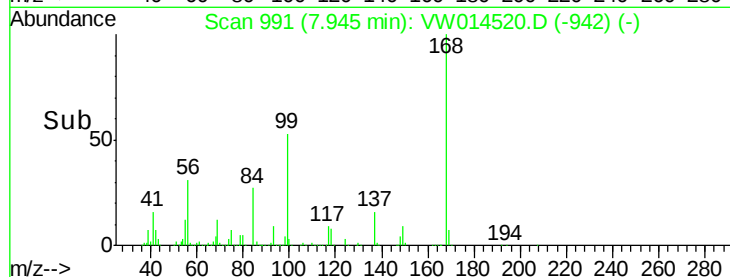
200000

100000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 21.101 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW014520.D

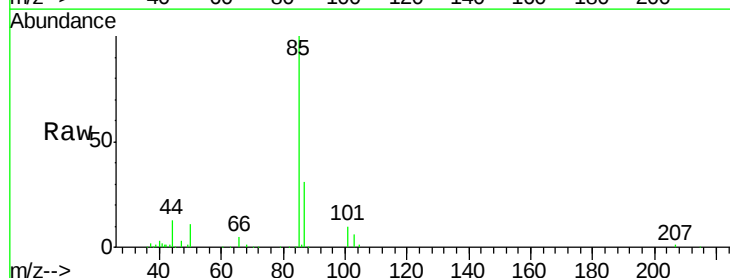
Acq: 06 Jan 2020 13:44

Tgt Ion: 85 Resp: 106306

Ion Ratio Lower Upper

85 100

87 30.6 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

40000

30000

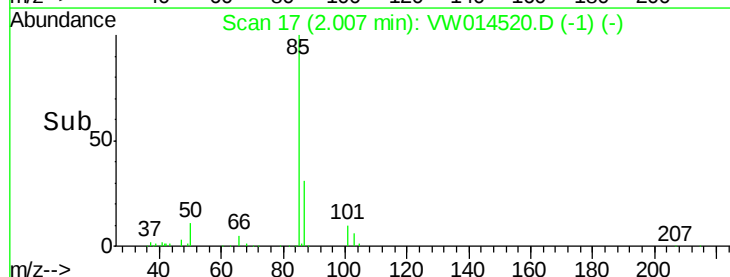
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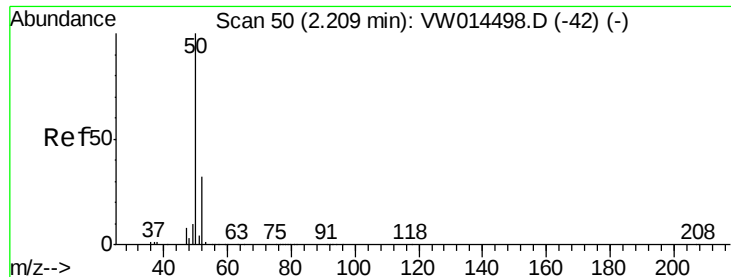
10000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 20.890 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 50 Resp: 128825

Ion Ratio Lower Upper

50 100

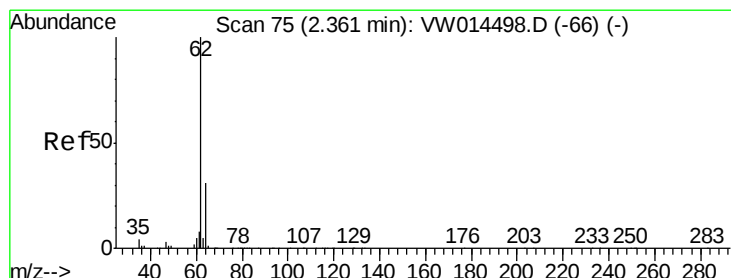
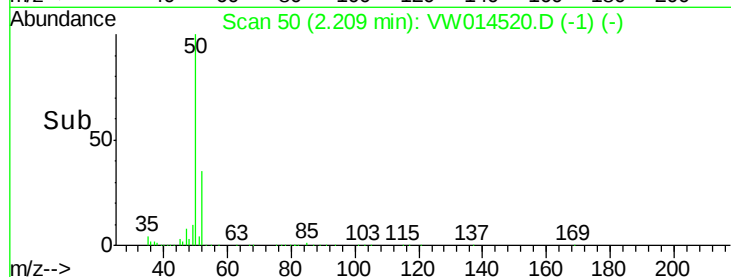
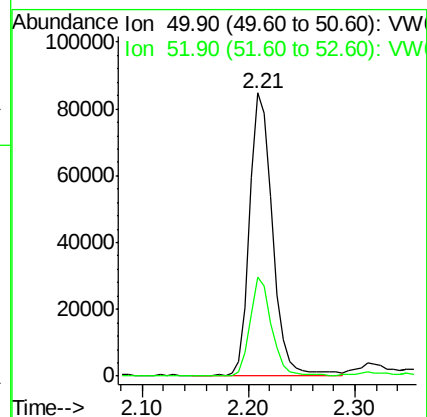
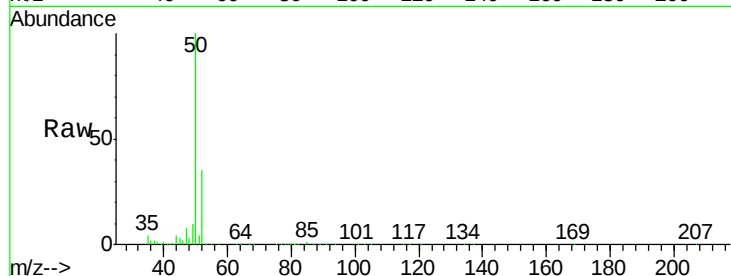
52 35.3 25.8 38.8

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#4

Vinyl Chloride

Concen: 20.781 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW014520.D

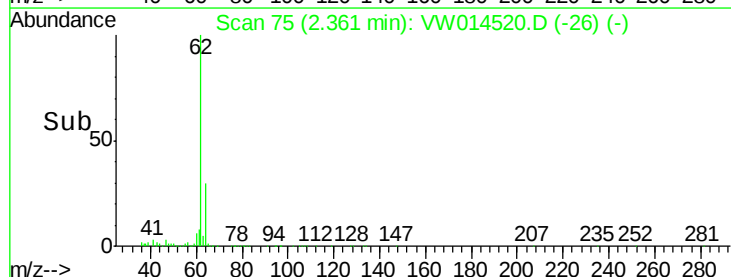
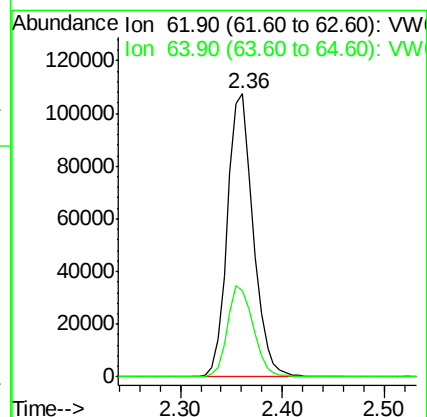
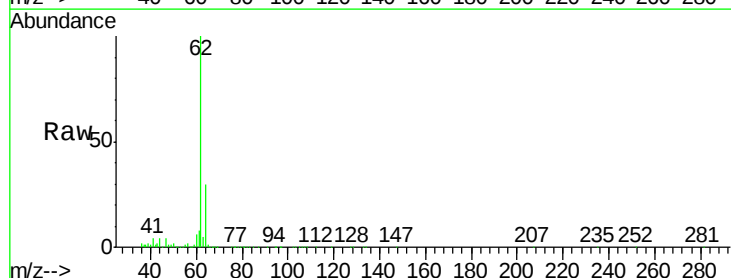
Acq: 06 Jan 2020 13:44

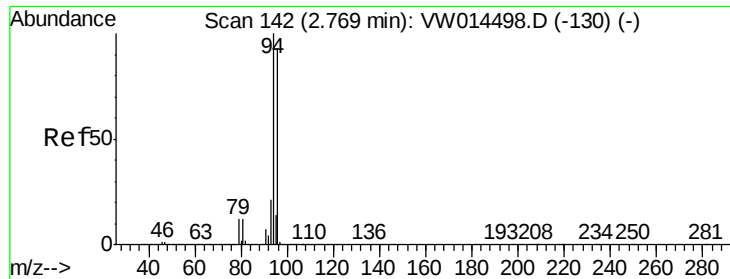
Tgt Ion: 62 Resp: 188484

Ion Ratio Lower Upper

62 100

64 30.1 25.0 37.4





#5

Bromomethane

Concen: 20.322 ug/l

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 94 Resp: 113867

Ion Ratio Lower Upper

94 100

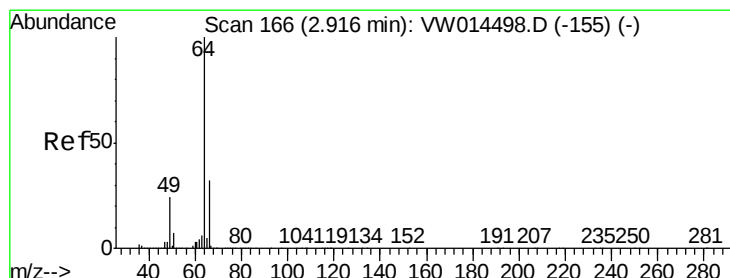
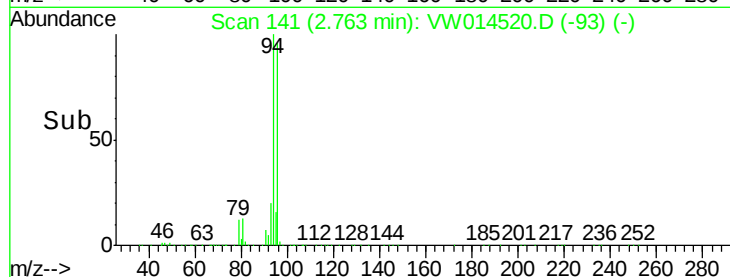
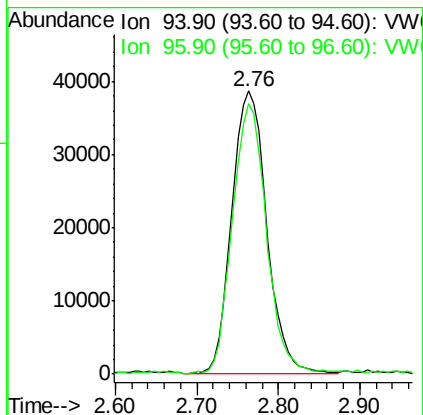
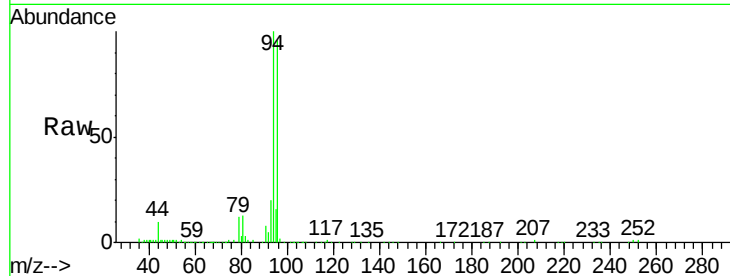
96 95.5 74.2 111.2

Manual Integrations

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1/7/2020 10:27:43 AM



#6

Chloroethane

Concen: 20.442 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW014520.D

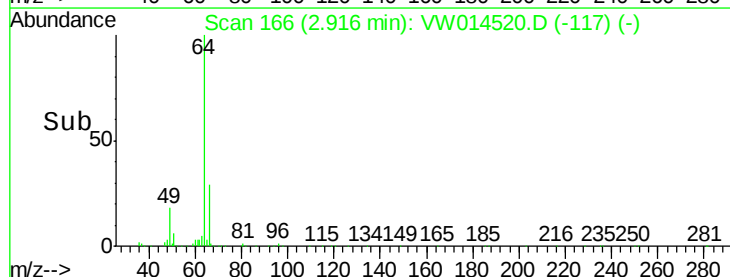
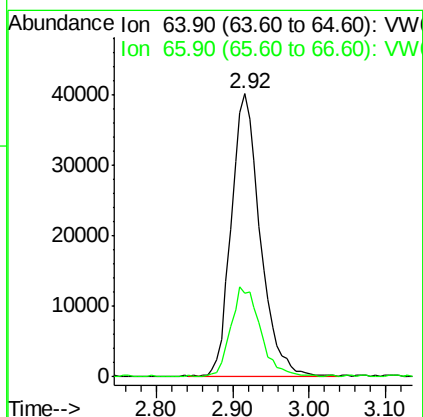
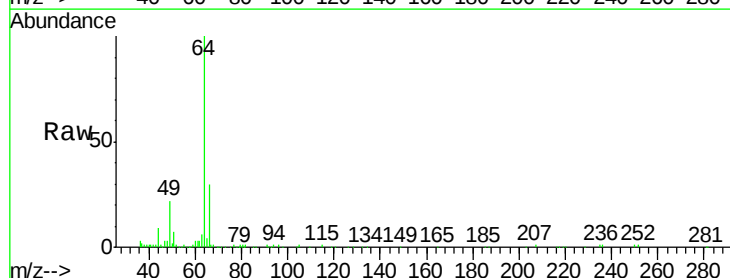
Acq: 06 Jan 2020 13:44

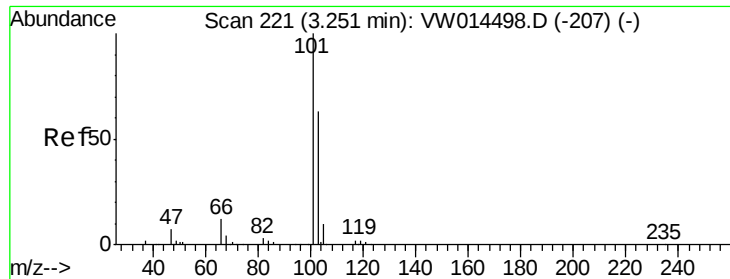
Tgt Ion: 64 Resp: 105692

Ion Ratio Lower Upper

64 100

66 29.3 25.7 38.5





#7

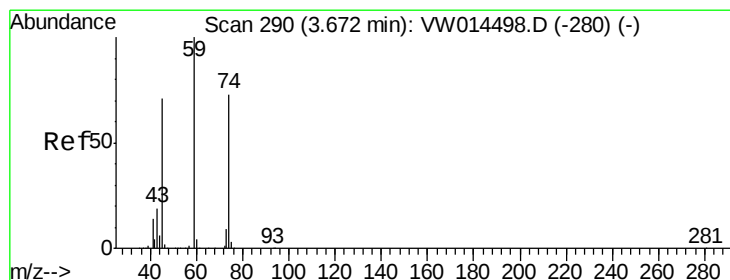
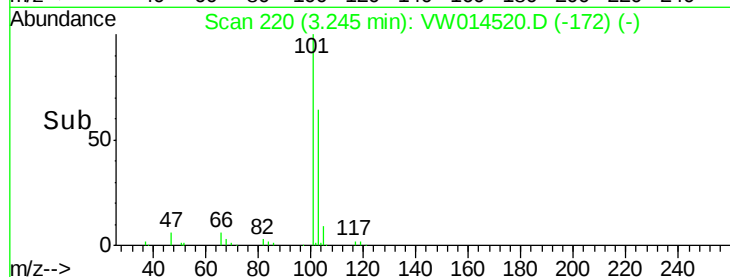
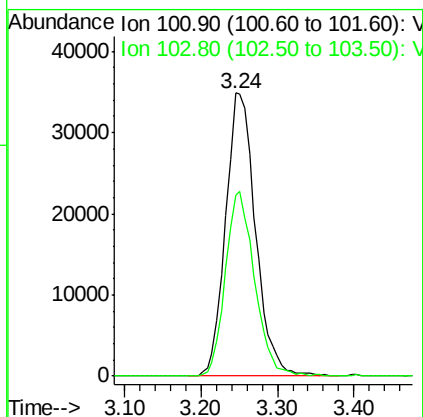
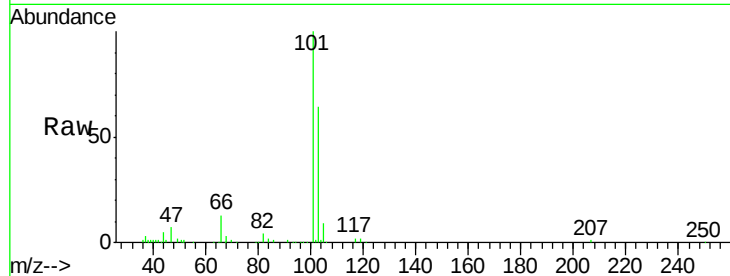
Trichlorofluoromethane
Concen: 20.834 ug/l
RT: 3.24 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

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VW0106SBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.1	75.1

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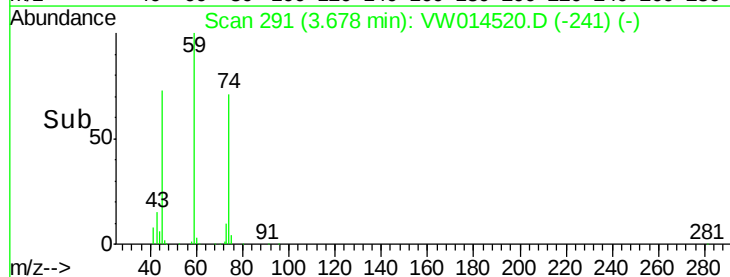
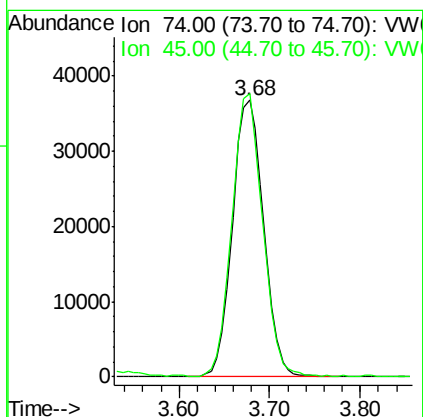
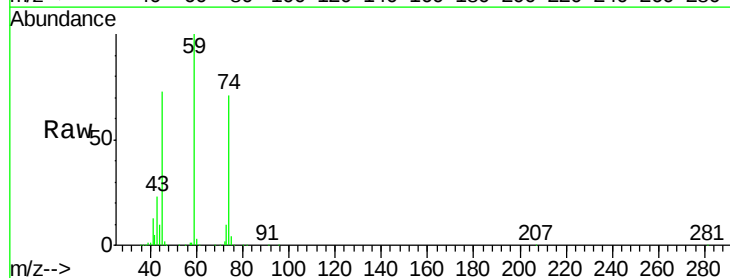
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#8

Diethyl Ether
Concen: 19.473 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.5	48.6	145.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.148 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

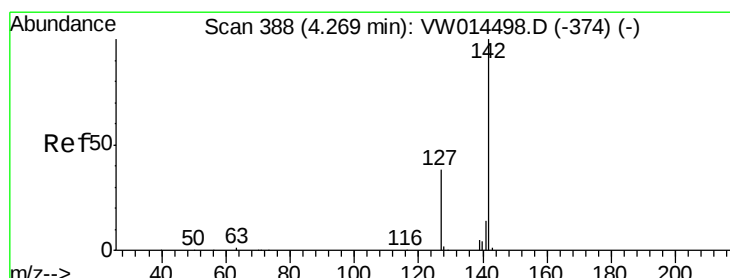
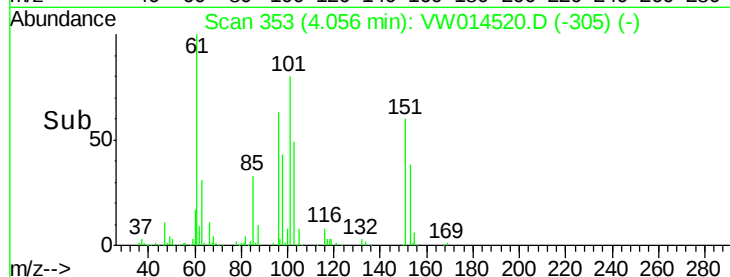
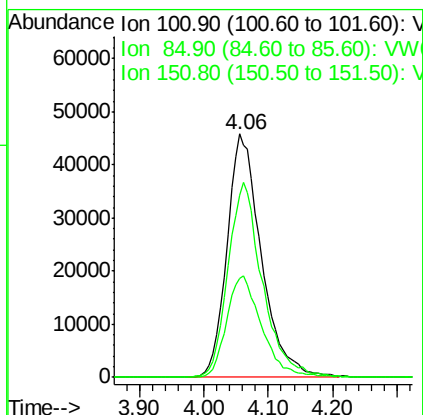
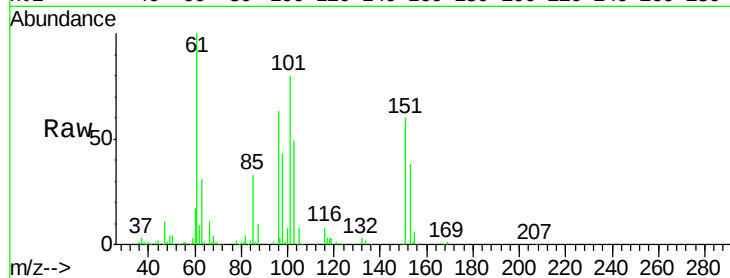
ClientSampleId :

VW0106SBS01

Tgt Ion:	101	Resp:	170842
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.7	50.5
151	80.2	63.5	95.3

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#10

Methyl Iodide

Concen: 19.461 ug/l

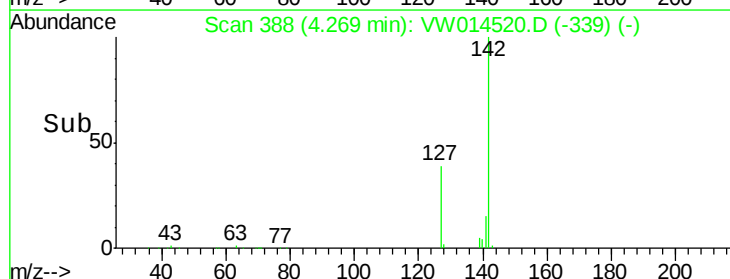
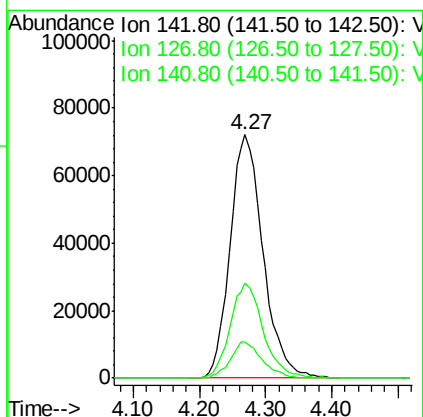
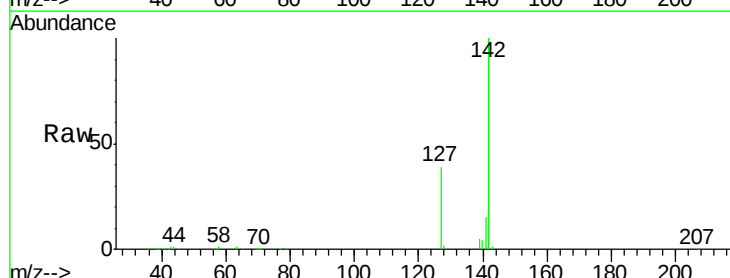
RT: 4.27 min Scan# 388

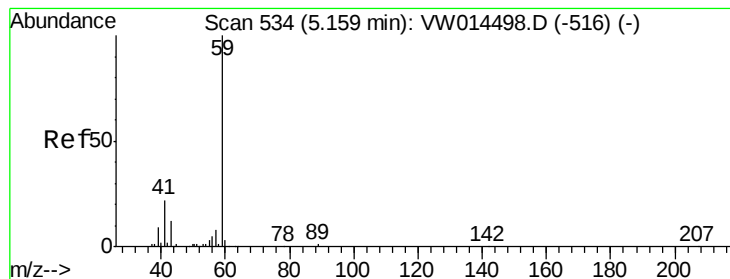
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	142	Resp:	248980
Ion Ratio	Lower	Upper	
142	100		
127	39.1	30.2	45.4
141	14.5	11.4	17.2





#11

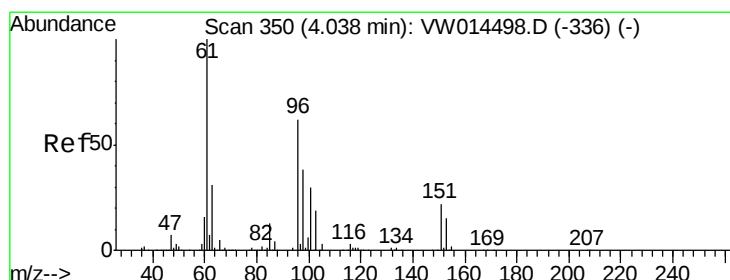
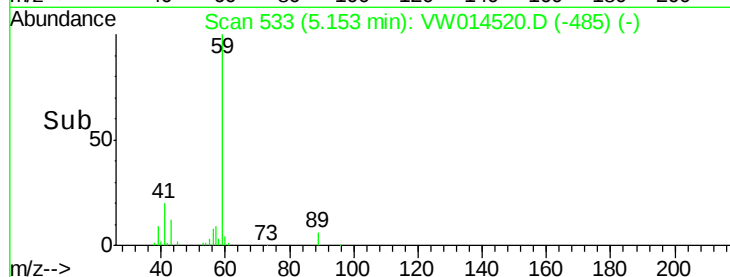
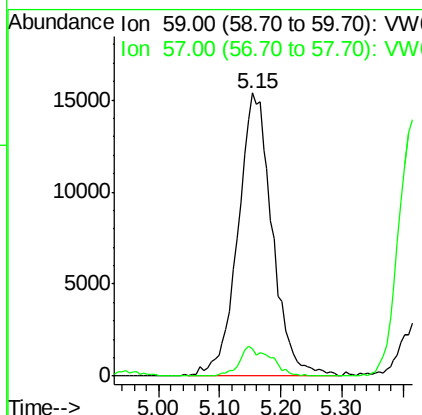
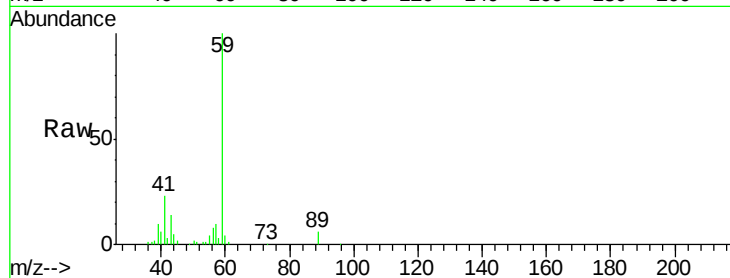
Tert butyl alcohol
Concen: 84.174 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
59	100		
57	9.4	7.8	11.8

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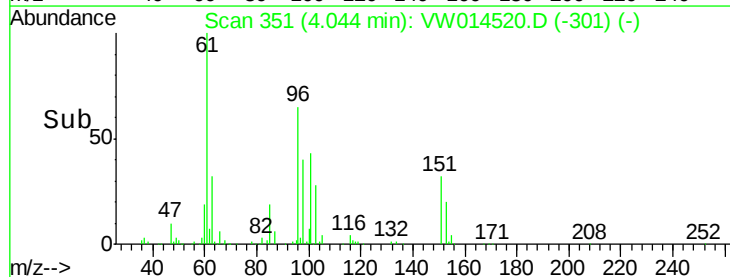
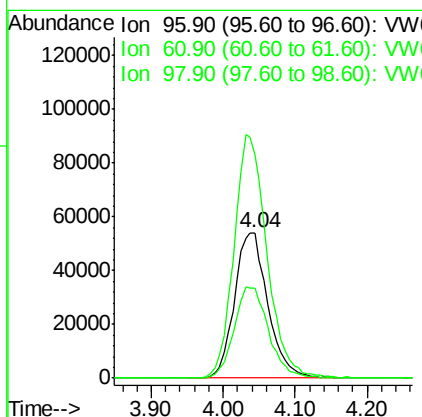
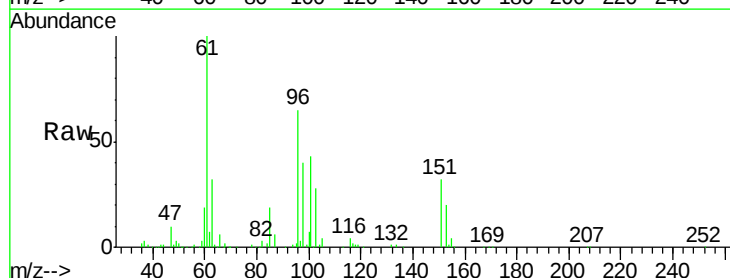
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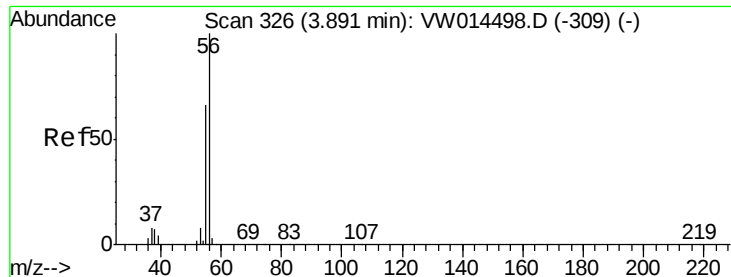


#12

1,1-Dichloroethene
Concen: 19.630 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.5	128.4	192.6
98	61.8	49.1	73.7





#13

Acrolein

Concen: 91.876 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 56 Resp: 62560

Ion Ratio Lower Upper

56 100

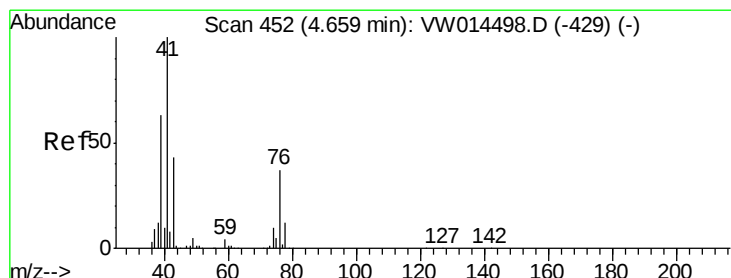
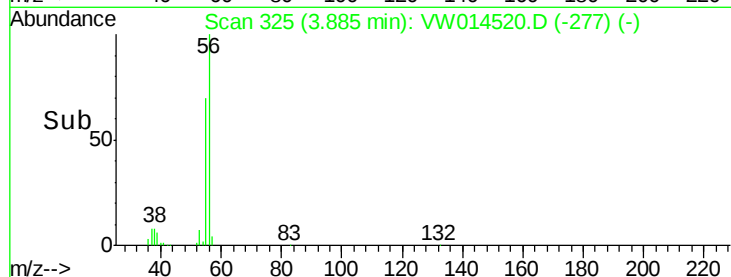
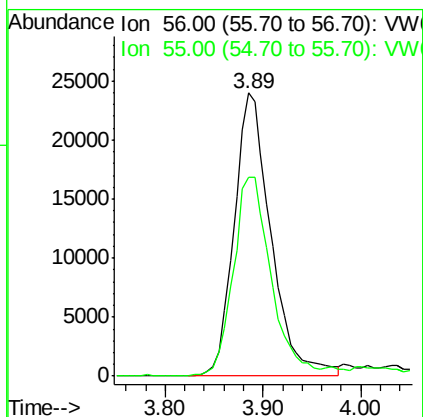
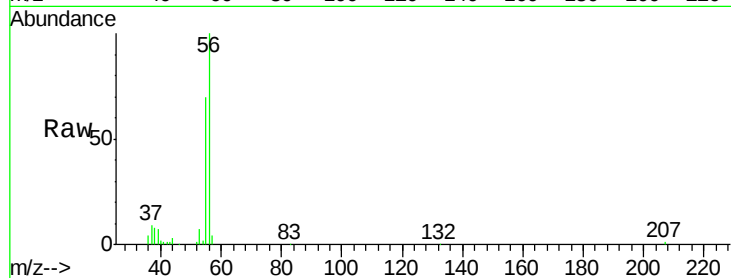
55 72.3 56.7 85.1

Manual Integrations

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#14

Allyl chloride

Concen: 20.449 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

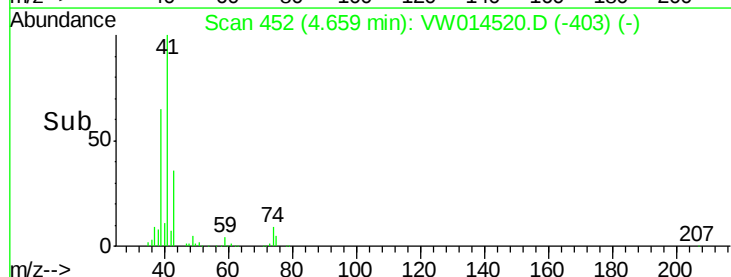
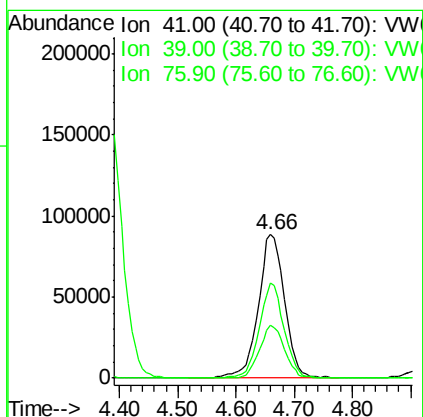
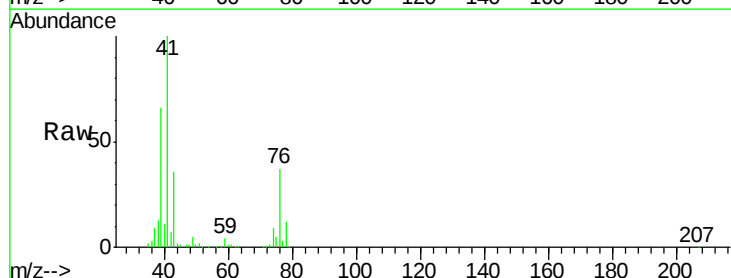
Tgt Ion: 41 Resp: 277480

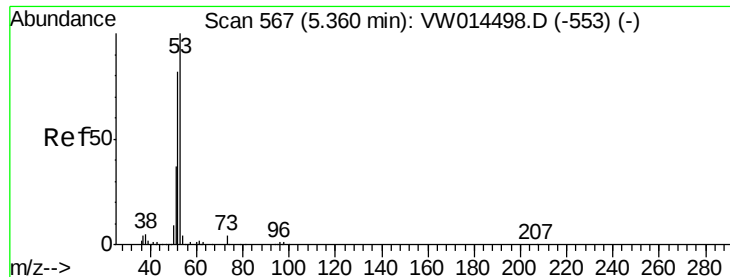
Ion Ratio Lower Upper

41 100

39 61.9 48.5 72.7

76 34.8 28.1 42.1





#15

Acrylonitrile

Concen: 95.985 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

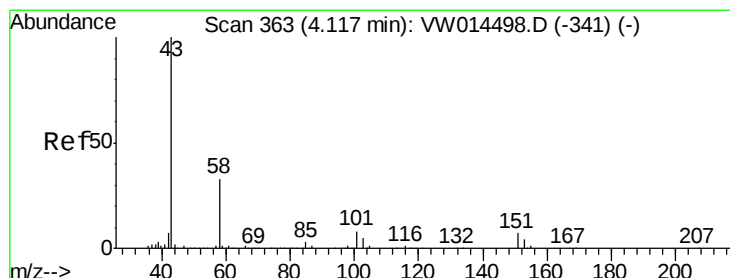
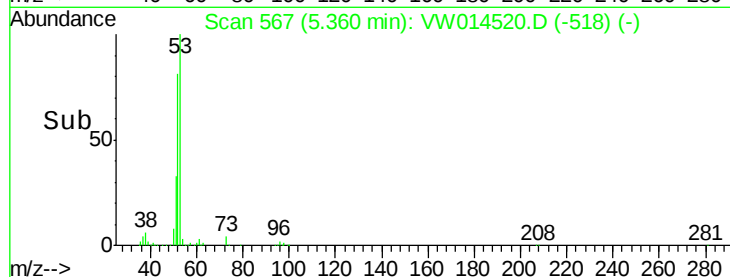
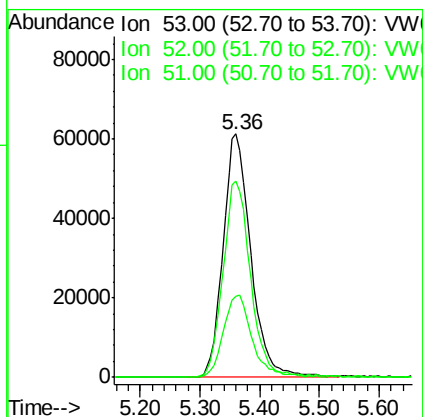
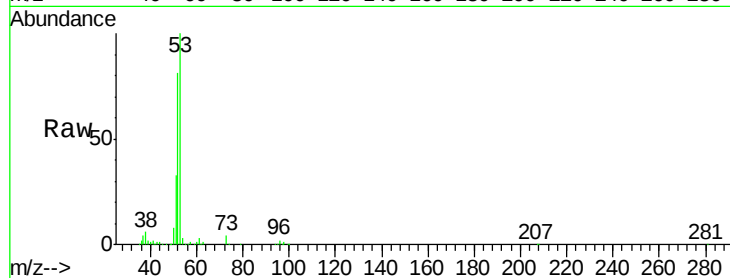
ClientSampleId :

VW0106SBS01

Tgt Ion:	53	Resp:	198105
Ion Ratio		Lower	Upper
53	100		
52	80.2	66.5	99.7
51	35.0	28.4	42.6

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#16

Acetone

Concen: 86.535 ug/l

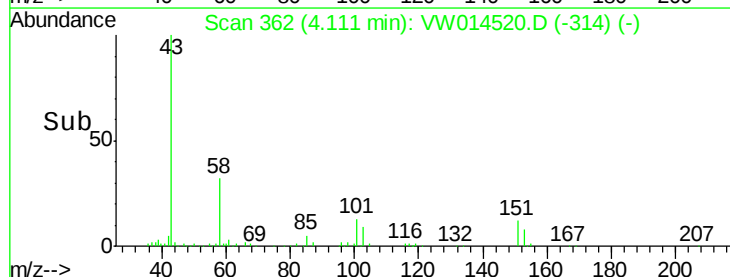
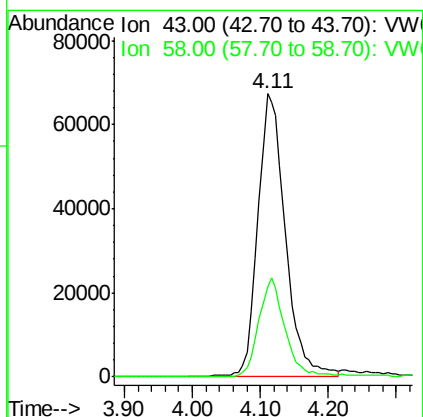
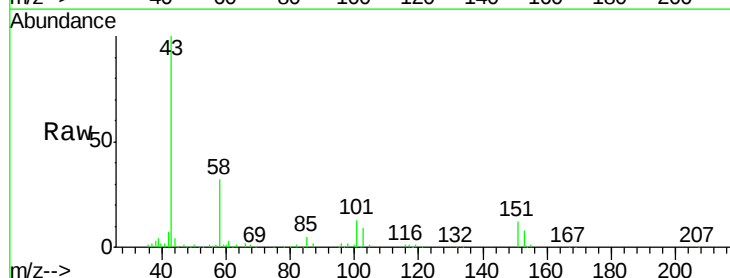
RT: 4.11 min Scan# 362

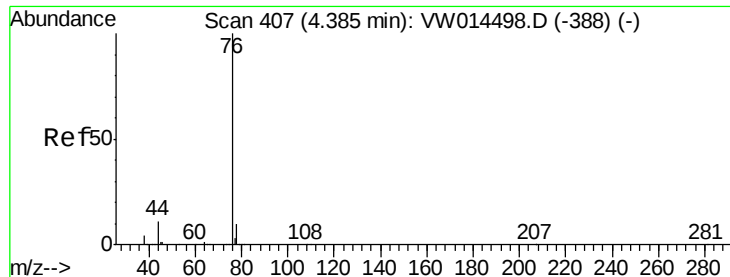
Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	43	Resp:	190625
Ion Ratio		Lower	Upper
43	100		
58	31.6	26.6	39.8





#17

Carbon Disulfide

Concen: 20.167 ug/l

RT: 4.38 min Scan# 406

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 76 Resp: 539729

Ion Ratio Lower Upper

76 100

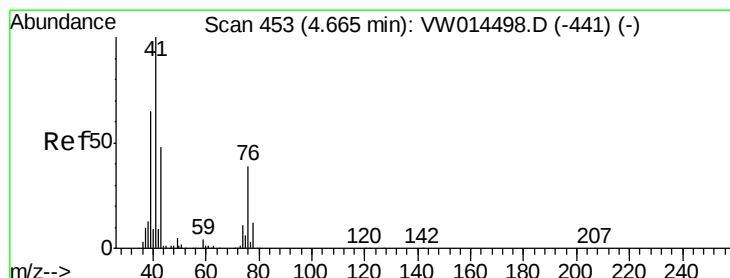
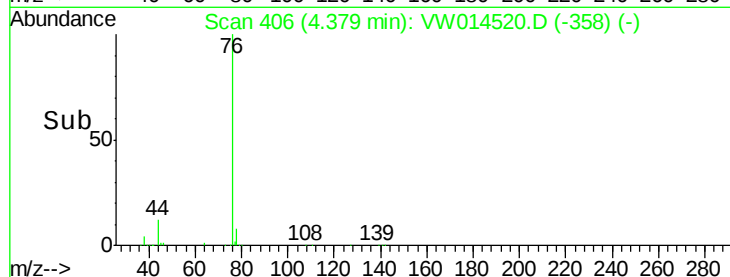
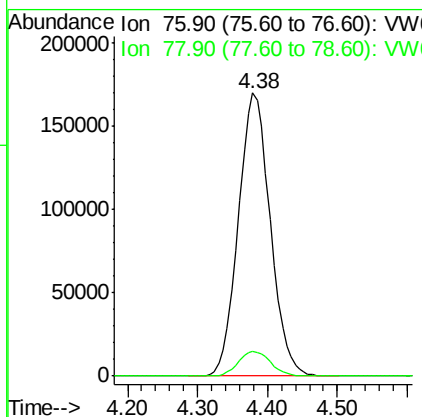
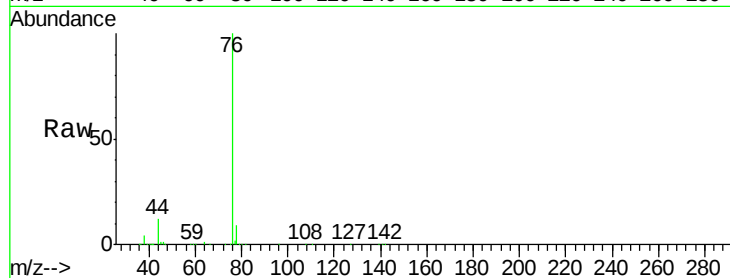
78 8.6 7.8 11.6

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#18

Methyl Acetate

Concen: 19.008 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW014520.D

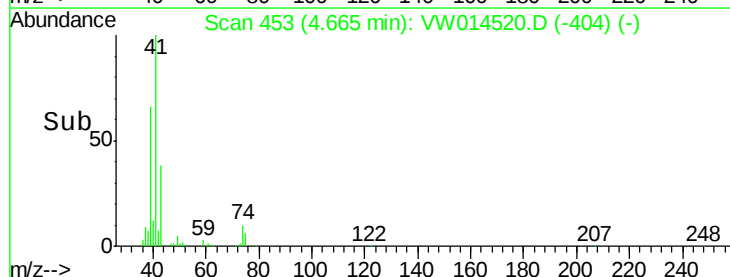
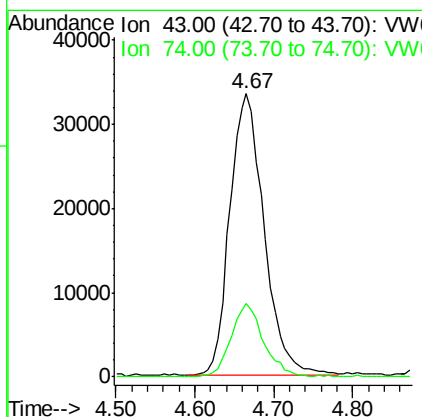
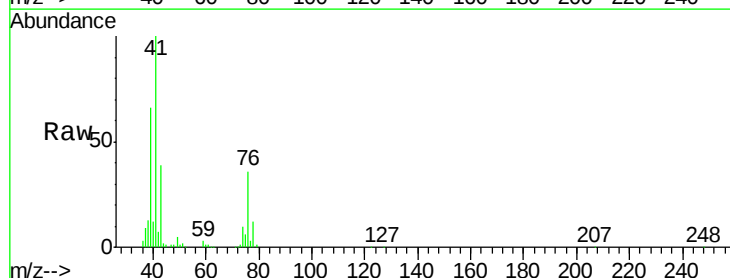
Acq: 06 Jan 2020 13:44

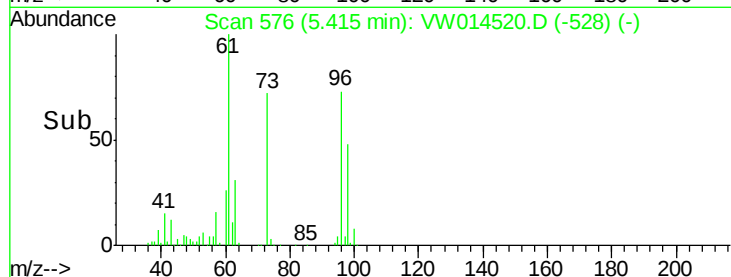
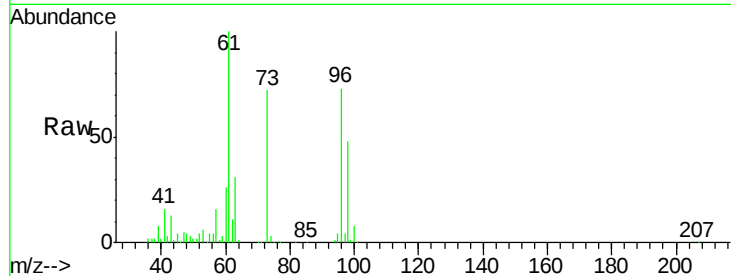
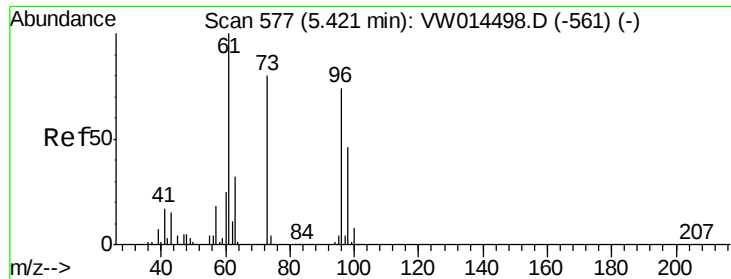
Tgt Ion: 43 Resp: 101129

Ion Ratio Lower Upper

43 100

74 24.8 19.3 28.9





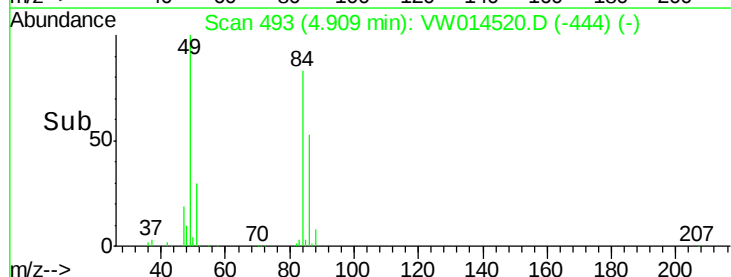
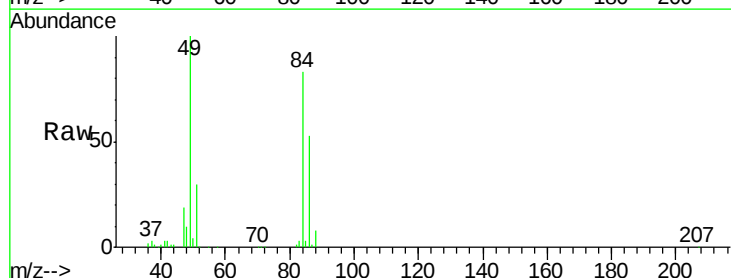
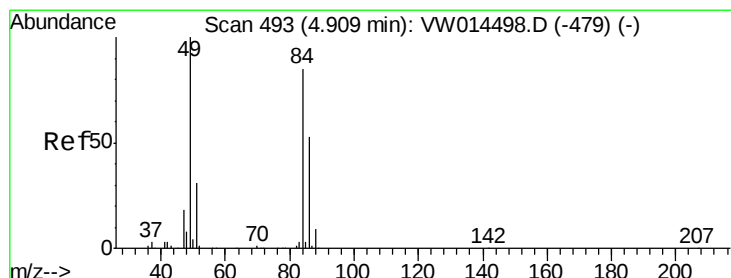
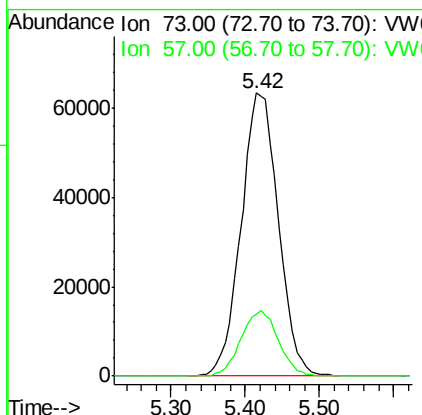
#19
Methyl tert-butyl Ether
Concen: 20.142 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 73 Resp: 222015
Ion Ratio Lower Upper
73 100
57 22.0 18.1 27.1

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

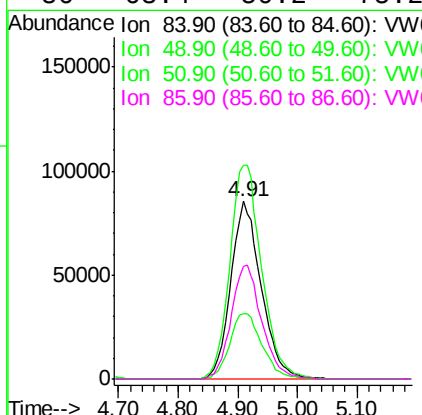
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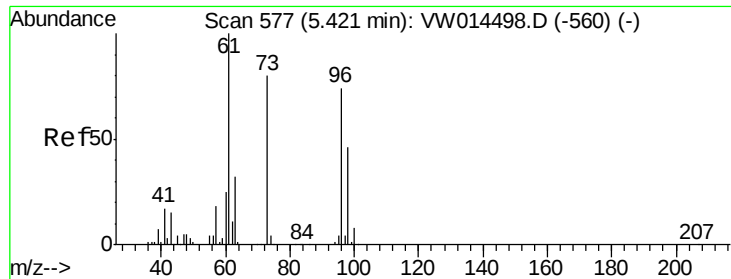
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#20
Methylene Chloride
Concen: 32.421 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 84 Resp: 303026
Ion Ratio Lower Upper
84 100
49 120.3 94.4 141.6
51 36.6 29.5 44.3
86 63.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 20.210 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

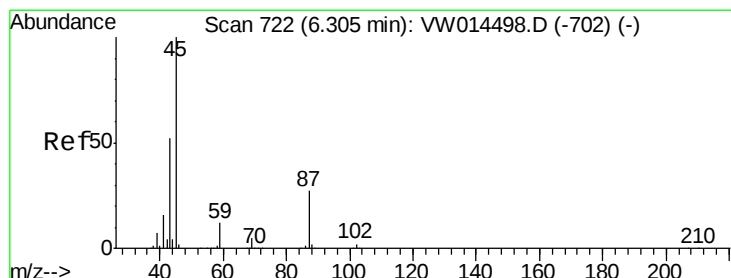
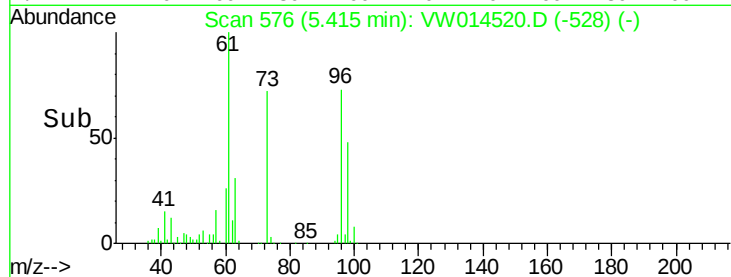
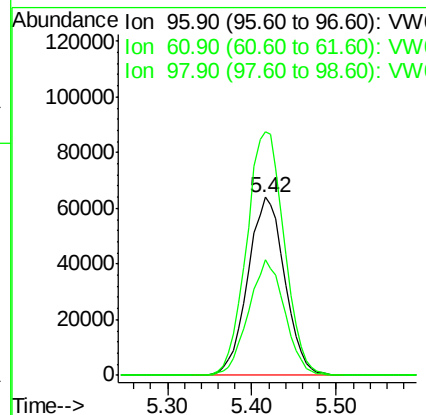
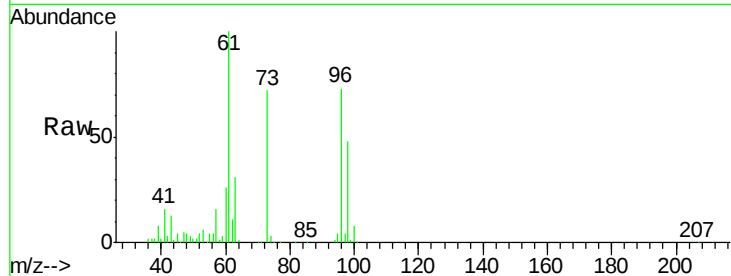
ClientSampleId :

VW0106SBS01

Tgt Ion:	96	Resp:	190550
Ion	Ratio	Lower	Upper
96	100		
61	136.7	107.8	161.6
98	65.1	49.4	74.0

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#22

Diisopropyl ether

Concen: 21.147 ug/l

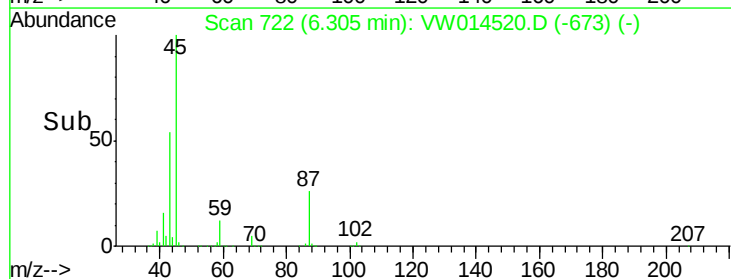
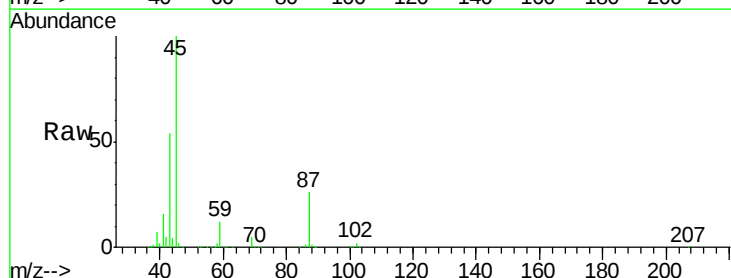
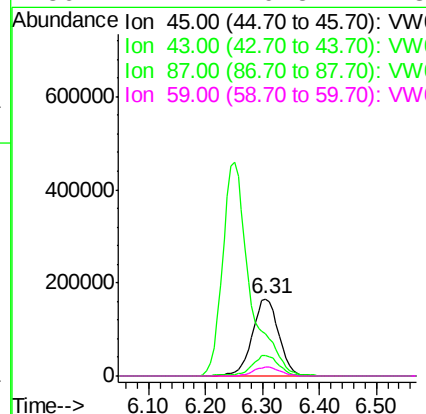
RT: 6.31 min Scan# 722

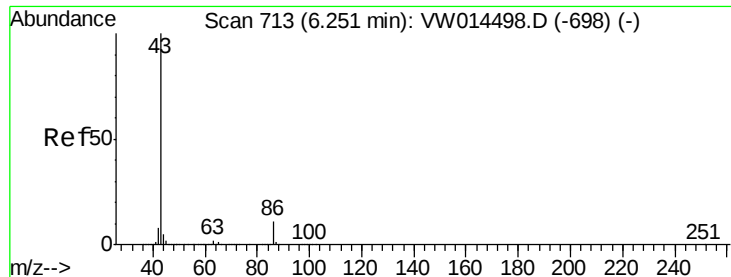
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	45	Resp:	537097
Ion	Ratio	Lower	Upper
45	100		
43	53.9	41.4	62.0
87	26.0	22.2	33.2
59	11.7	9.5	14.3





#23

Vinyl Acetate

Concen: 99.672 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 43 Resp: 1528680

Ion Ratio Lower Upper

43 100

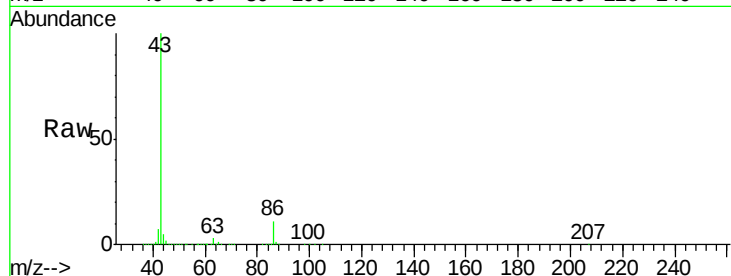
86 10.6 8.8 13.2

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.25

500000

400000

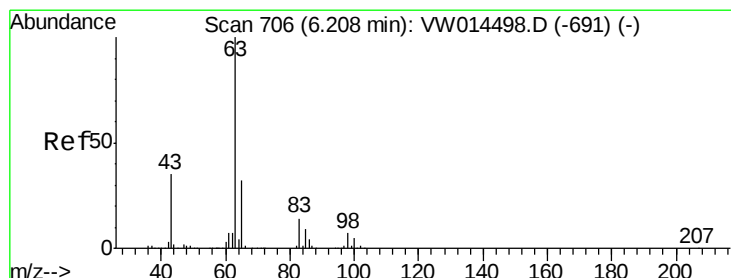
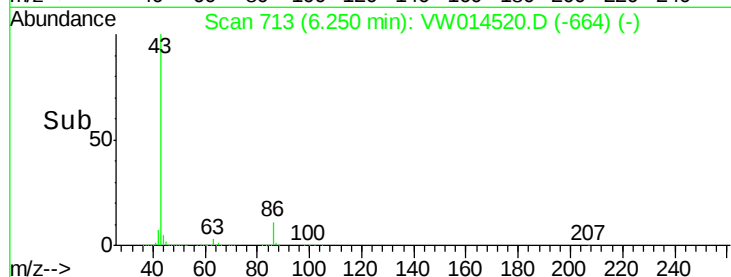
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.563 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

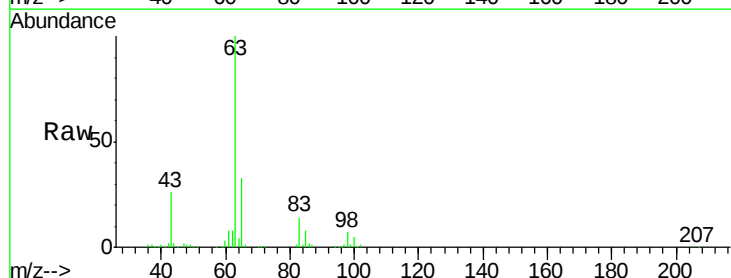
Tgt Ion: 63 Resp: 329439

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

100 4.6 2.5 7.4



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

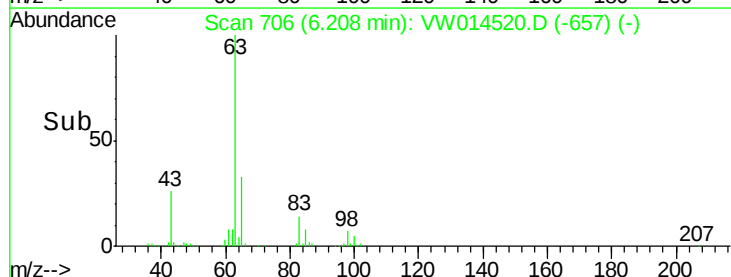
150000

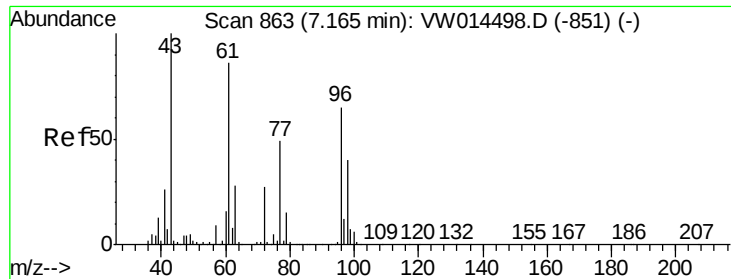
100000

50000

0

Time-->





#25

2-Butanone

Concen: 90.303 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampled :

VW0106SBS01

Tgt Ion: 43 Resp: 255287

Ion Ratio Lower Upper

43 100

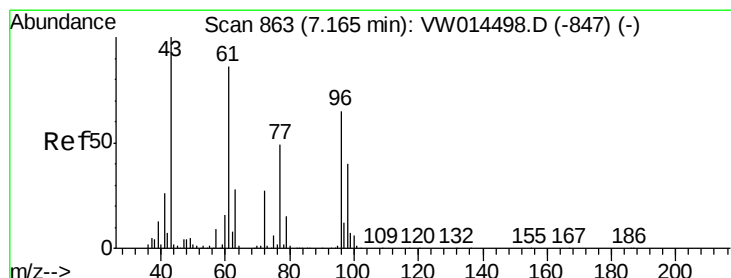
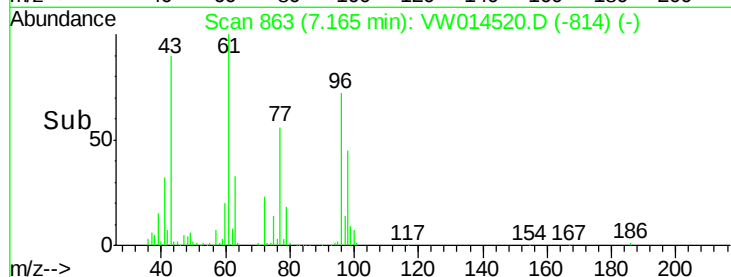
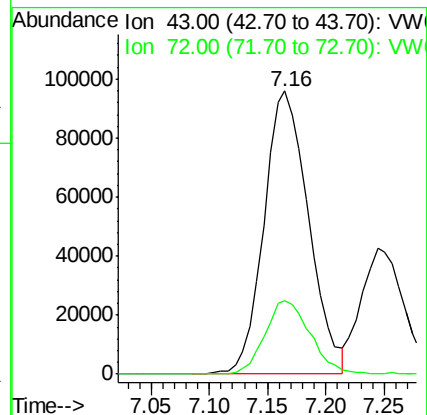
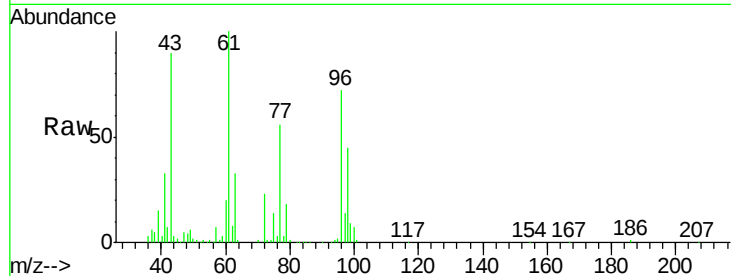
72 26.0 21.9 32.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.386 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW014520.D

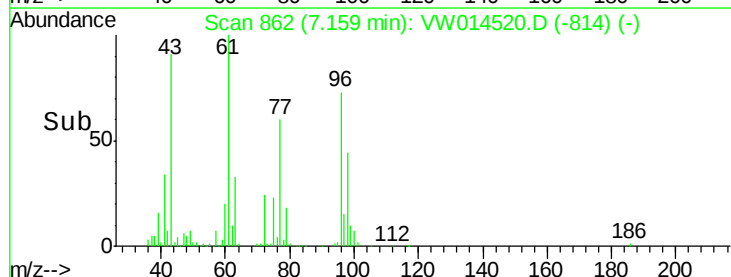
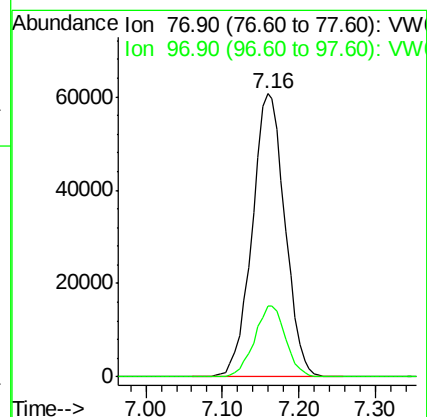
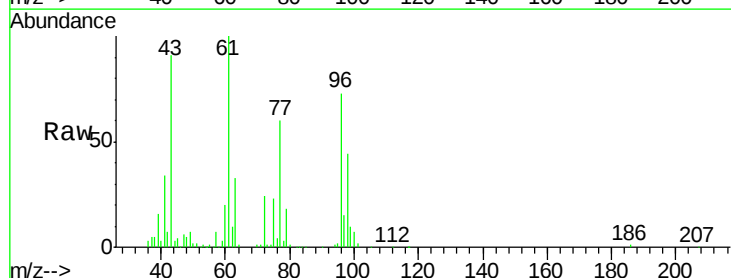
Acq: 06 Jan 2020 13:44

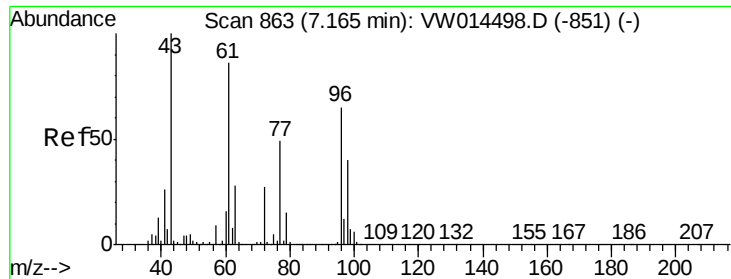
Tgt Ion: 77 Resp: 180822

Ion Ratio Lower Upper

77 100

97 23.8 12.5 37.5





#27

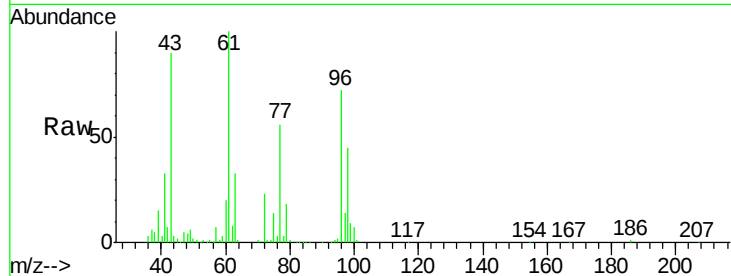
cis-1,2-Dichloroethene
Concen: 20.056 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

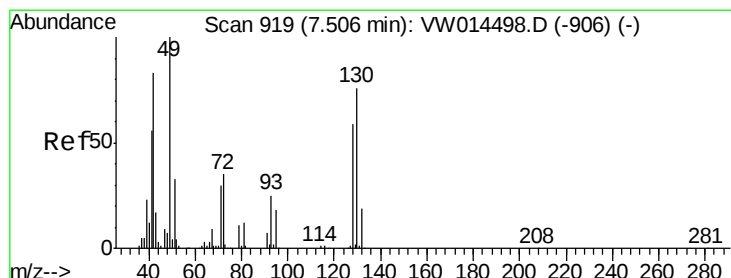
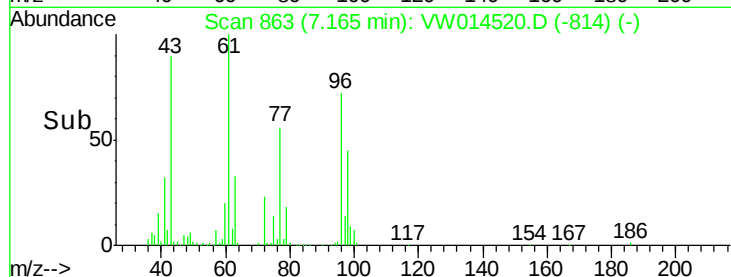
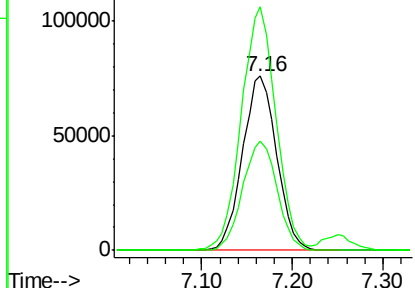
Tgt Ion	Ratio	Resp	Lower	Upper
96	100	198697		
61	141.6	0.0	274.8	
98	63.5	0.0	128.6	

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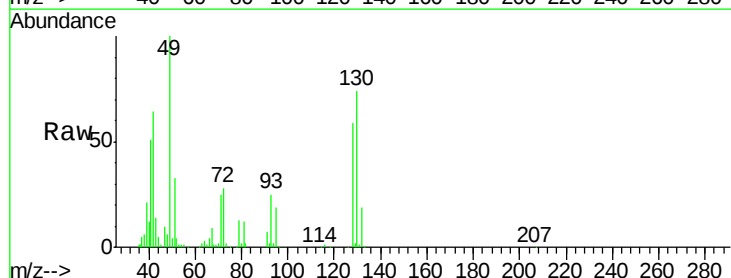
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



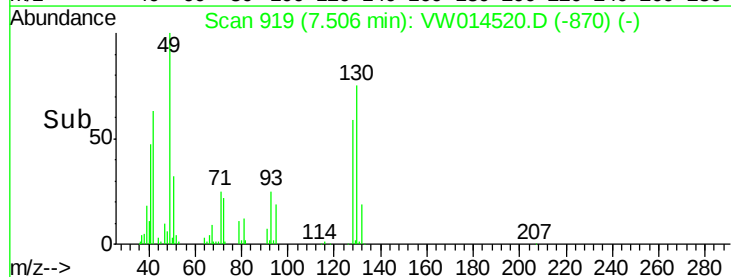
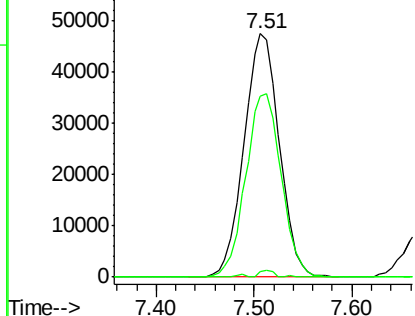
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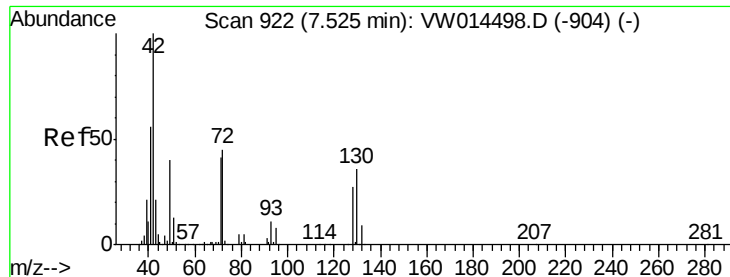
Bromochloromethane
Concen: 19.014 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	119427		
129	1.1	0.0	2.0	
130	75.7	62.5	93.7	



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





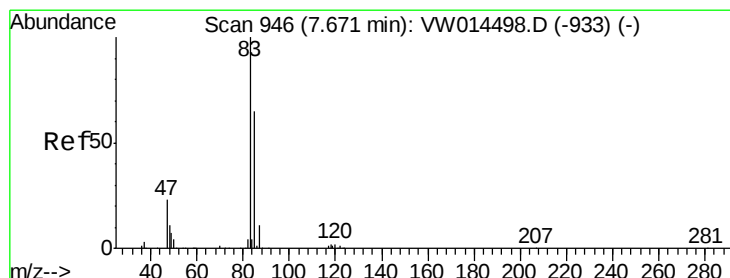
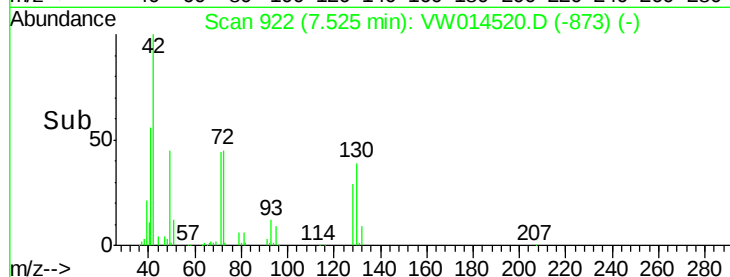
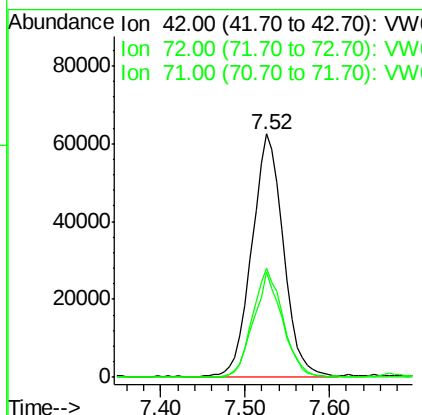
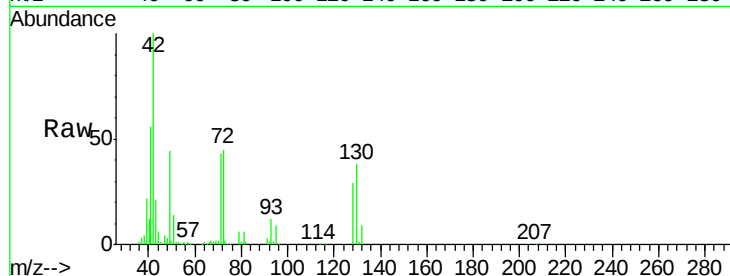
#29
Tetrahydrofuran
Concen: 91.044 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	43.7	34.5	51.7
71	40.0	32.0	48.0

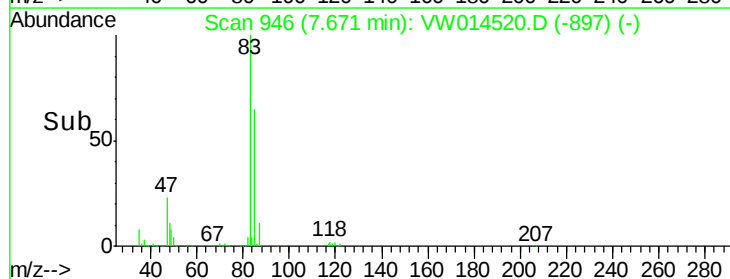
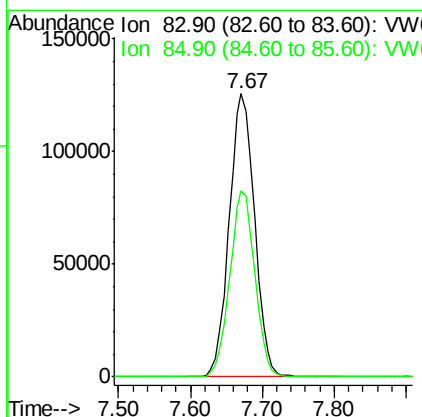
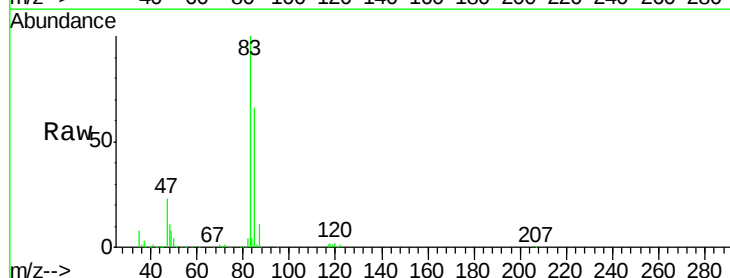
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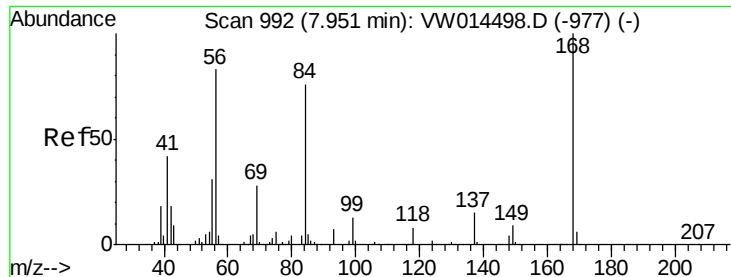
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#30
Chloroform
Concen: 20.524 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.2	78.2





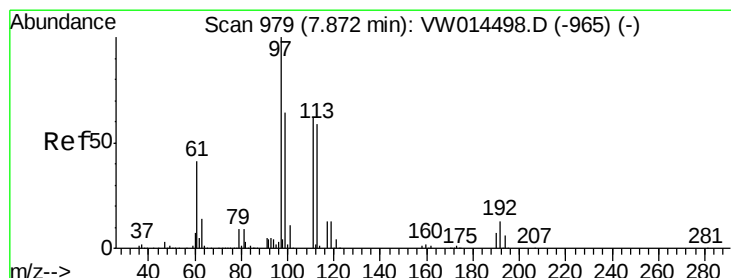
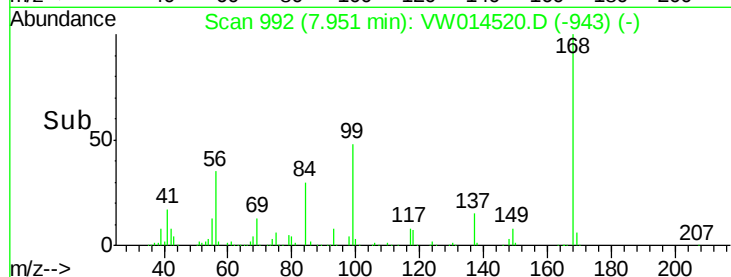
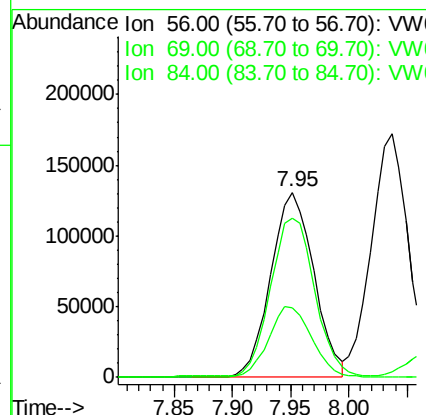
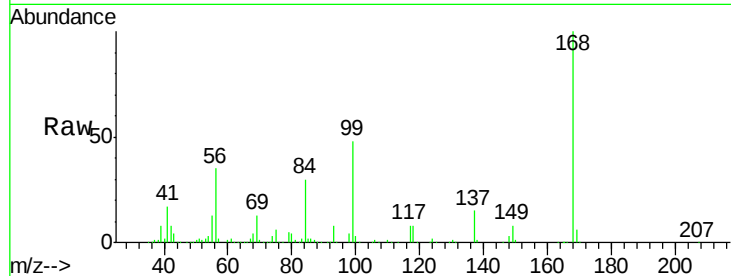
#31
Cyclohexane
Concen: 20.144 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	37.4	26.8	40.2
84	85.0	71.8	107.6

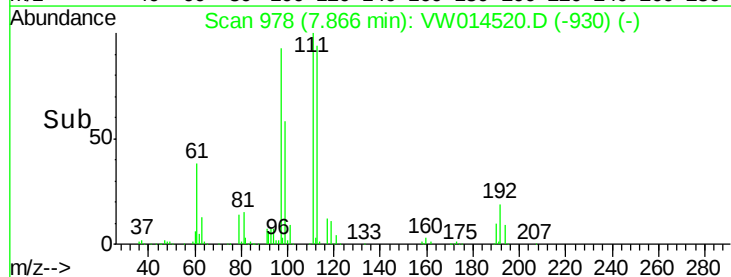
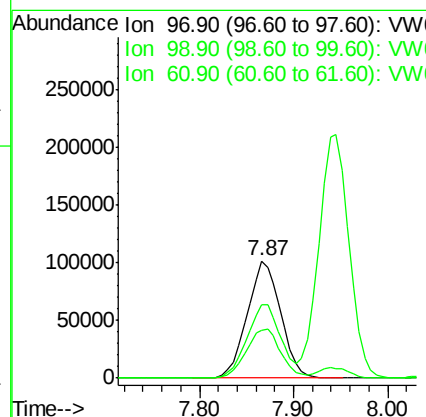
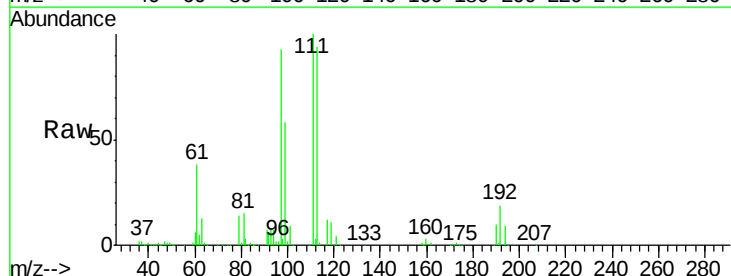
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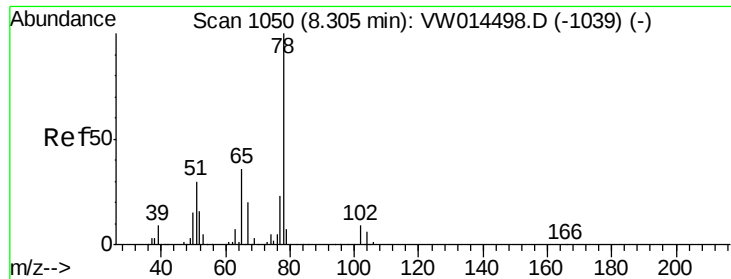
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#32
1,1,1-Trichloroethane
Concen: 21.003 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.8	77.6
61	43.1	33.8	50.8





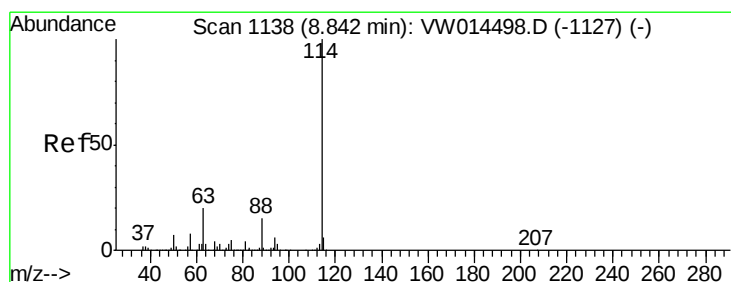
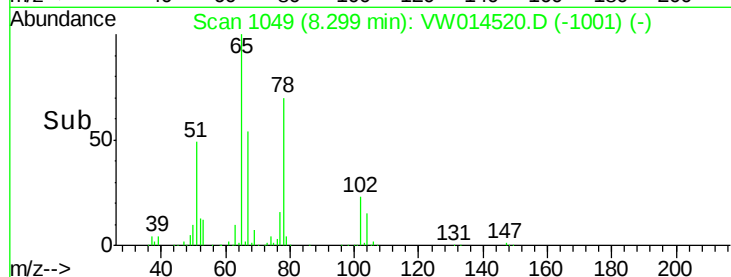
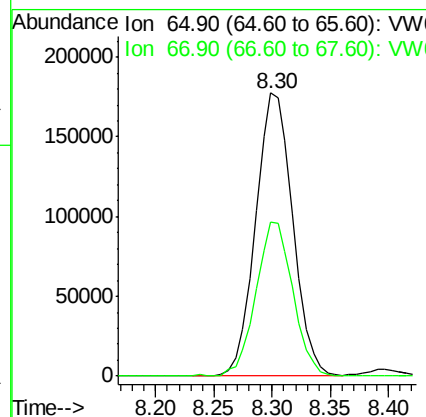
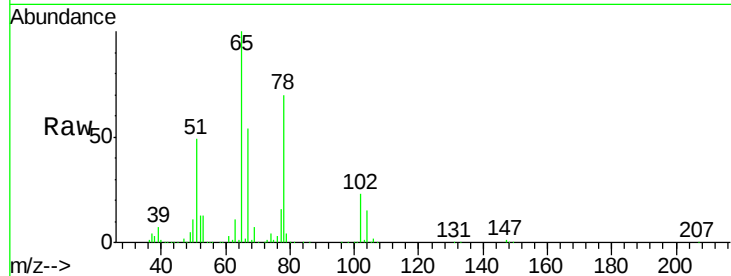
#33
 1,2-Dichloroethane-d4
 Concen: 50.572 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

Tgt Ion: 65 Resp: 394537
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 108.4

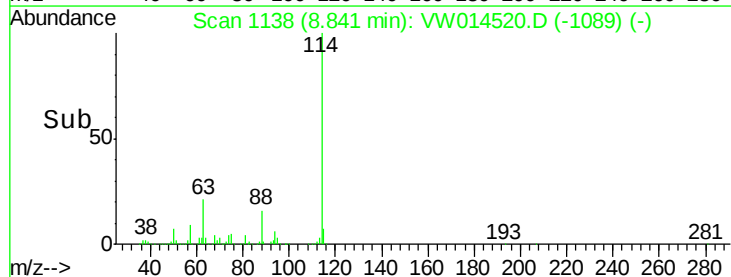
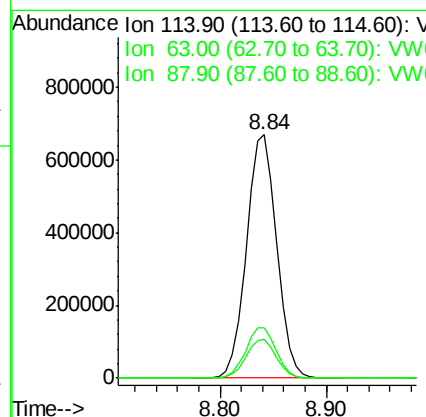
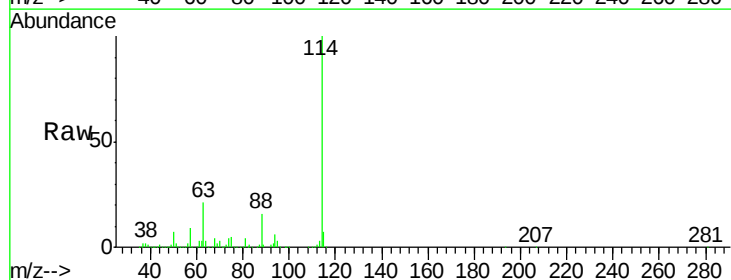
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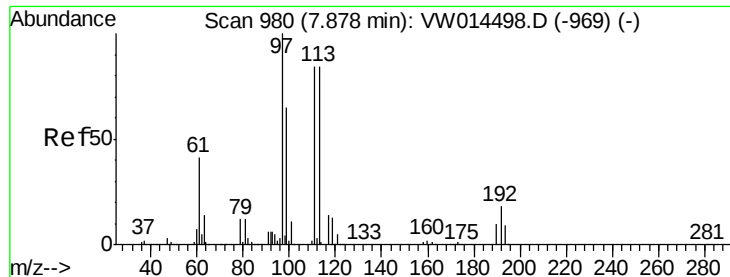
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 114 Resp: 1332150
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.9 0.0 30.6





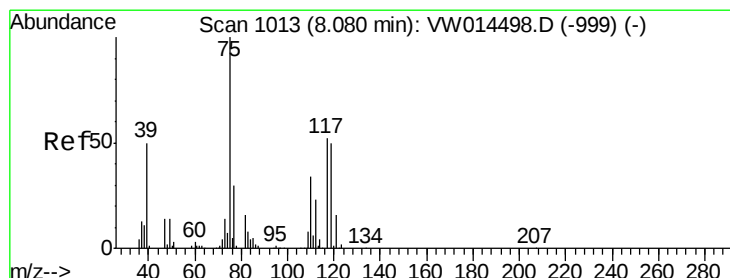
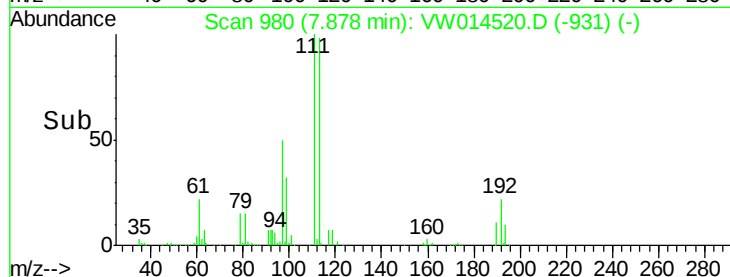
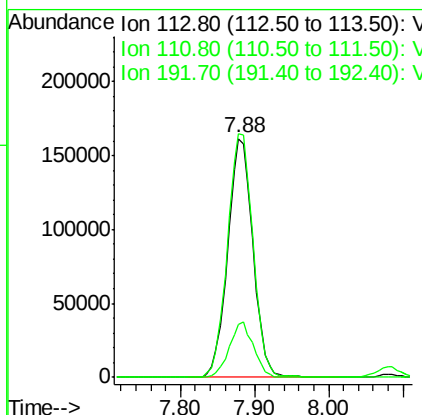
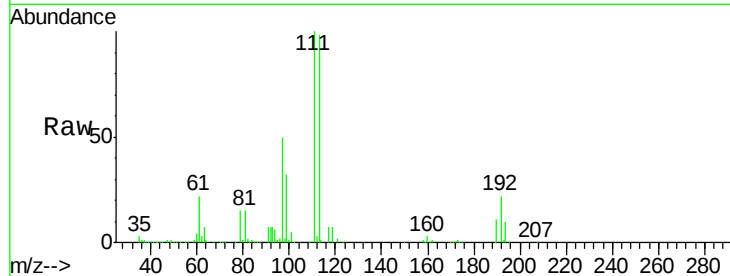
#35
 Dibromofluoromethane
 Concen: 50.060 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	381127		
111	103.7	81.4	122.2	
192	22.2	17.8	26.8	

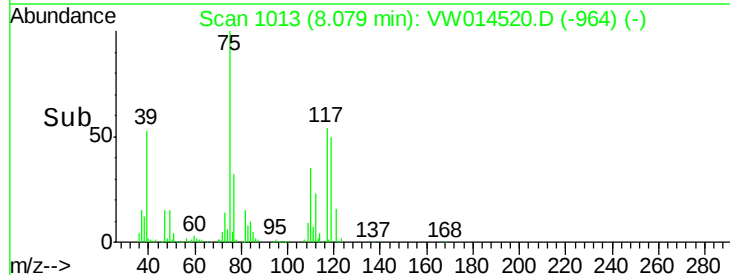
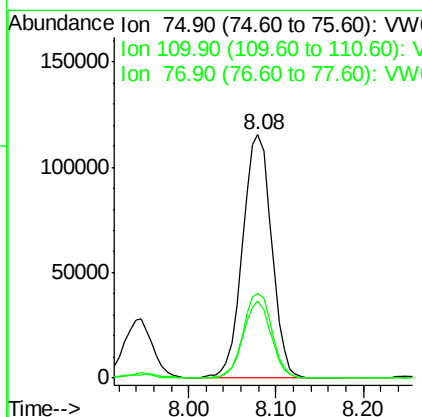
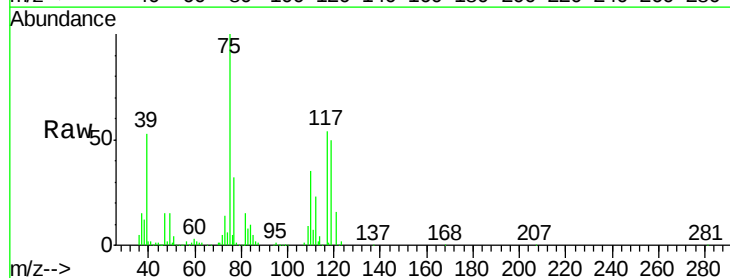
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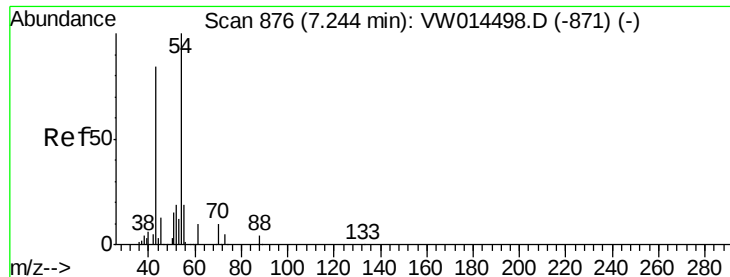
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#36
 1,1-Dichloropropene
 Concen: 20.726 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	266177		
110	34.4	17.8	53.5	
77	30.7	24.7	37.1	





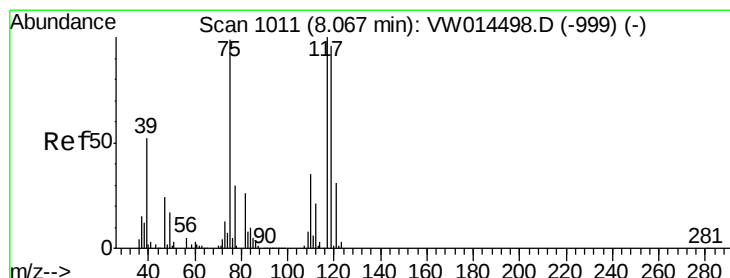
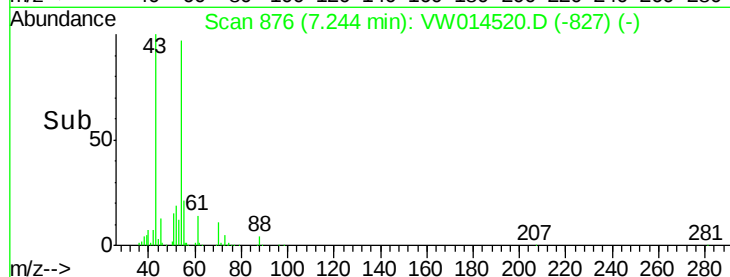
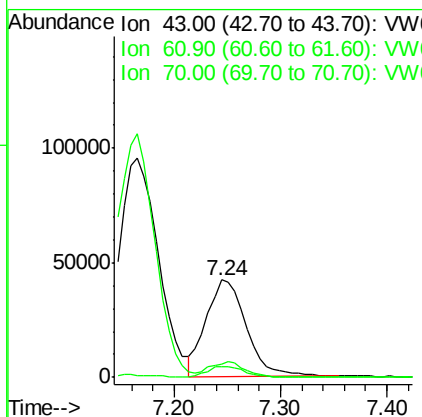
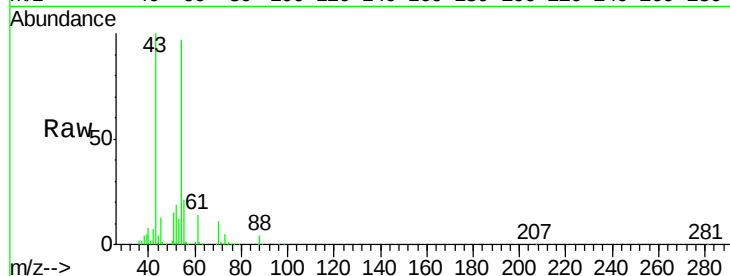
#37
Ethyl Acetate
Concen: 18.906 ug/l
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampled :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.7	17.5
70	11.0	9.0	13.6

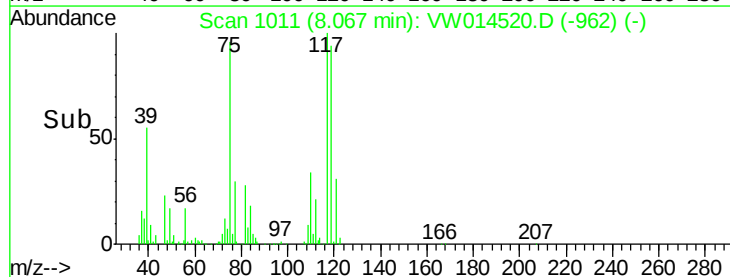
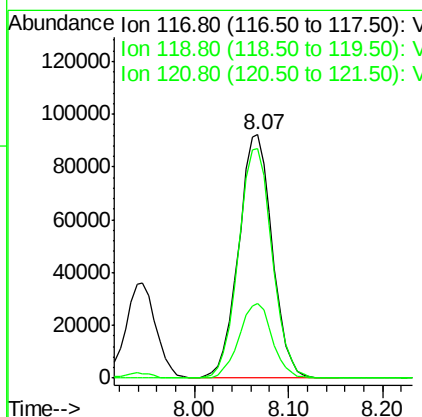
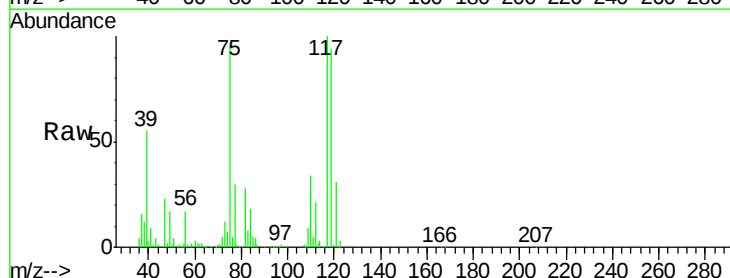
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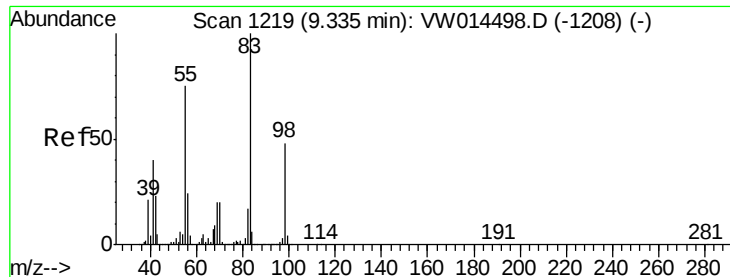
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#38
Carbon Tetrachloride
Concen: 20.654 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	77.0	115.6
121	30.8	24.6	36.8





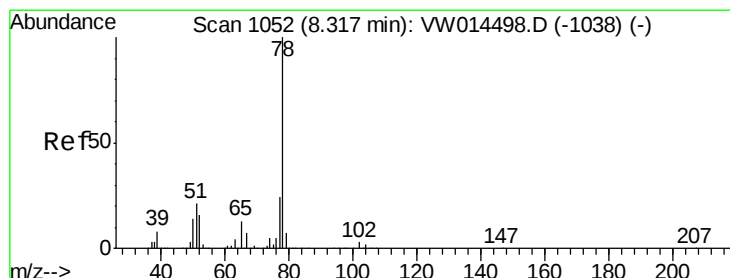
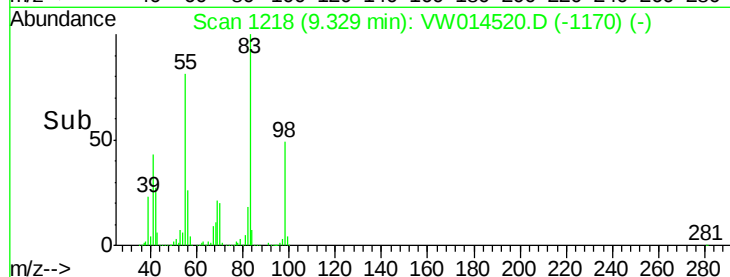
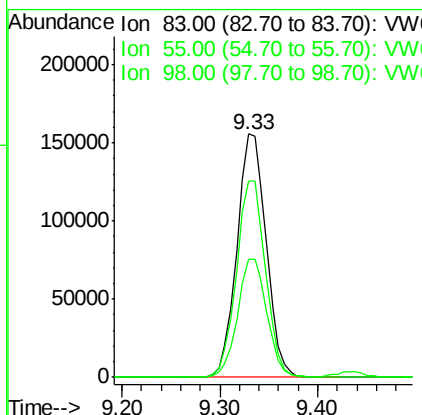
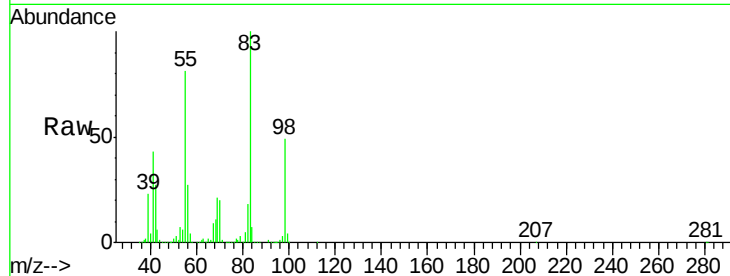
#39
Methylcyclohexane
Concen: 19.559 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	80.8	60.1	90.1
98	48.7	38.8	58.2

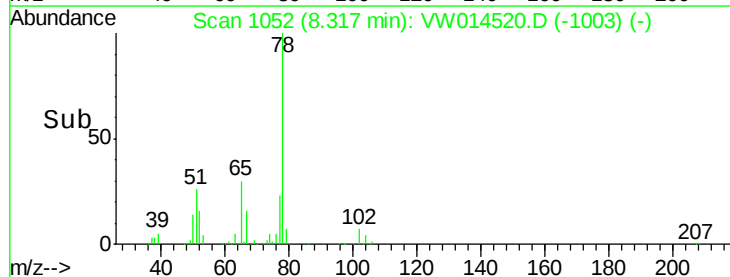
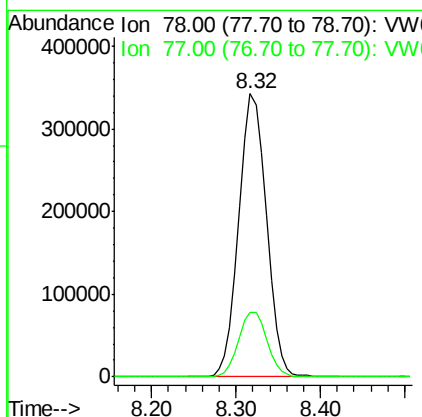
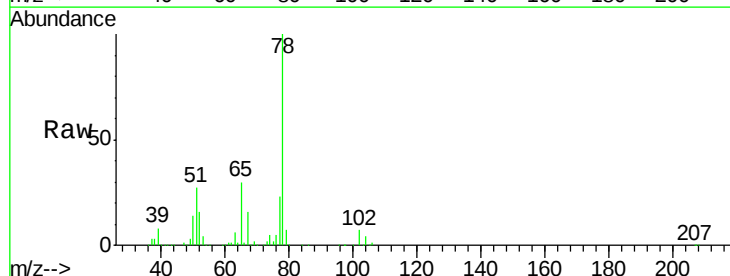
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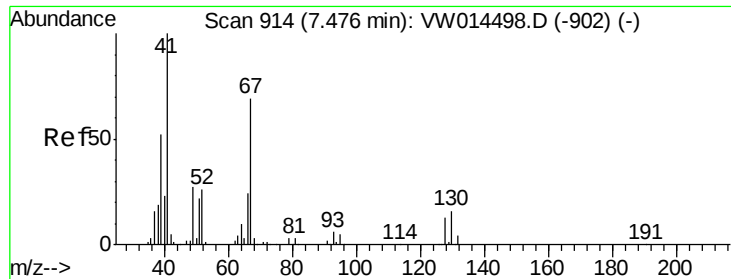
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#40
Benzene
Concen: 20.949 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.3	28.9





#41

Methacrylonitrile

Concen: 20.595 ug/l

RT: 7.48 min Scan# 915

Delta R.T. 0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

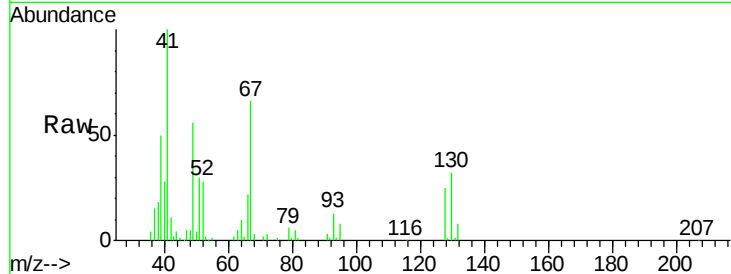
ClientSampleId :

VW0106SBS01

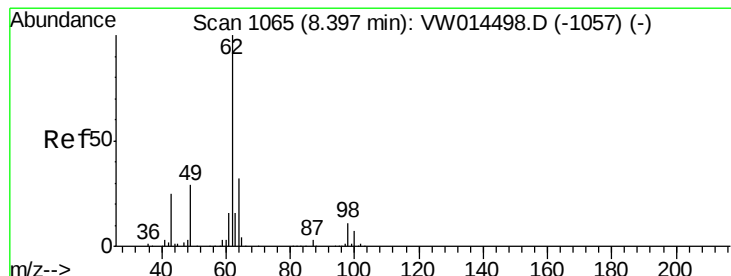
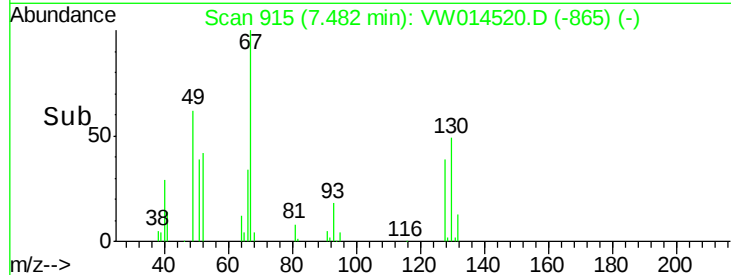
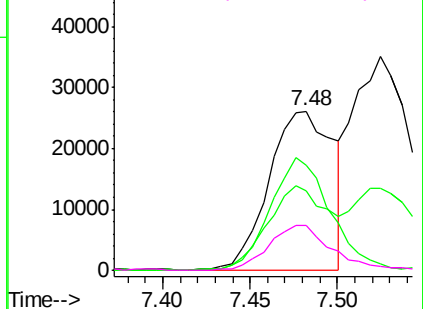
Tgt Ion	Ratio	Lower	Upper
41	100		
39	50.2	46.0	69.0
67	67.1	60.8	91.2
52	28.1	23.7	35.5

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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: 20.894 ug/l

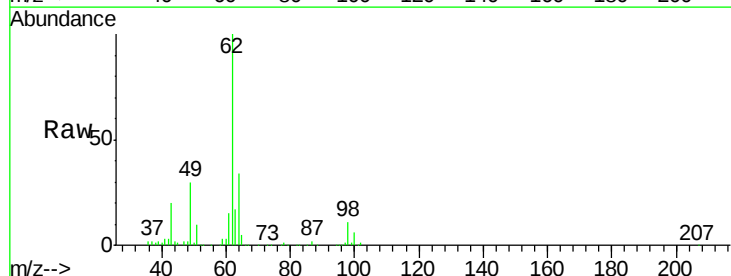
RT: 8.40 min Scan# 1065

Delta R.T. -0.00 min

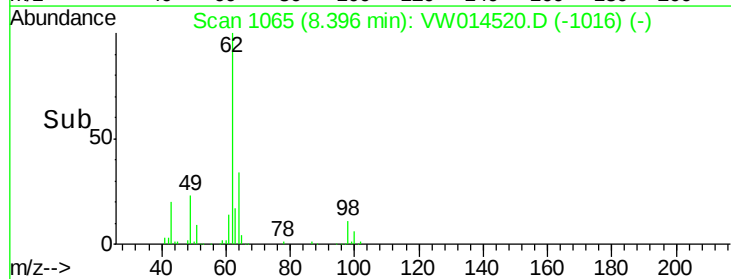
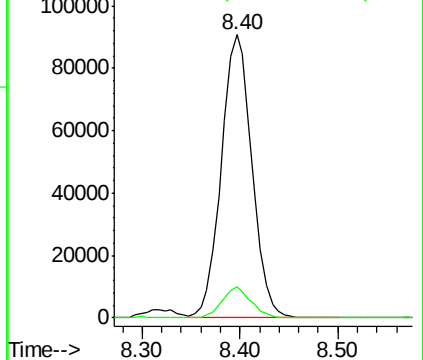
Lab File: VW014520.D

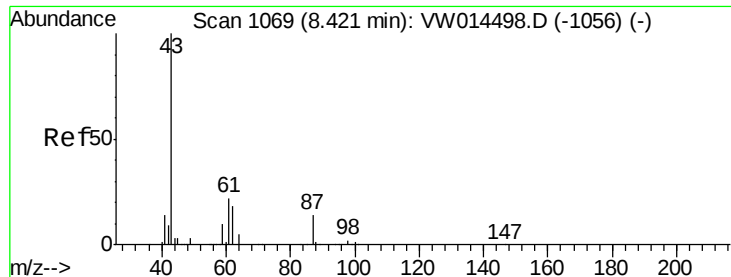
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	22.0



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





#43

Isopropyl Acetate

Concen: 18.871 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

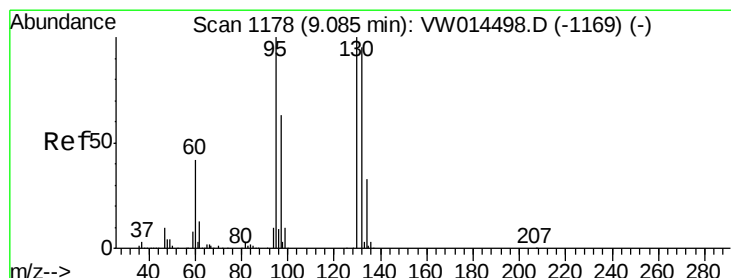
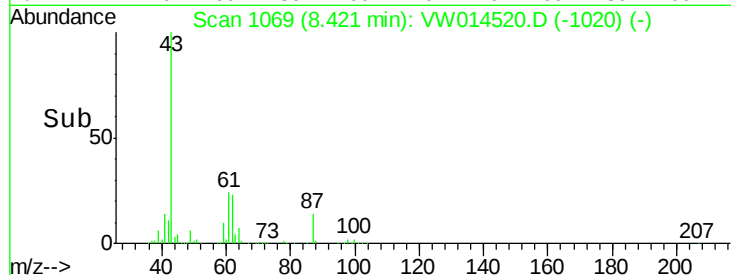
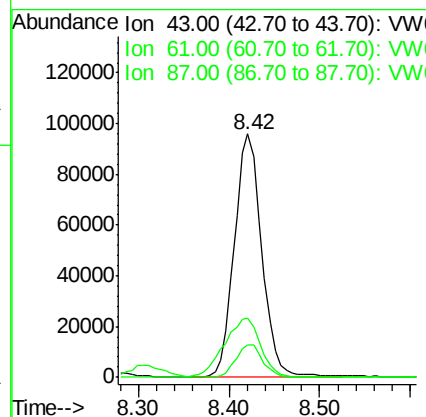
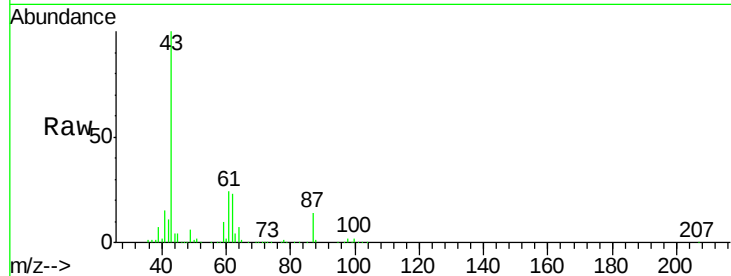
ClientSampleId :

VW0106SBSD01

Tgt Ion:	43	Resp:	199587
Ion Ratio		Lower	Upper
43	100		
61	32.3	24.7	37.1
87	13.3	11.1	16.7

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#44

Trichloroethene

Concen: 19.745 ug/l

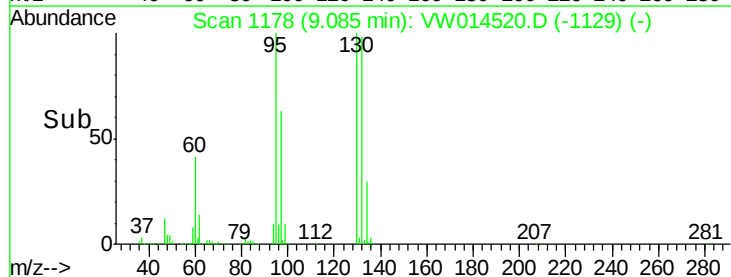
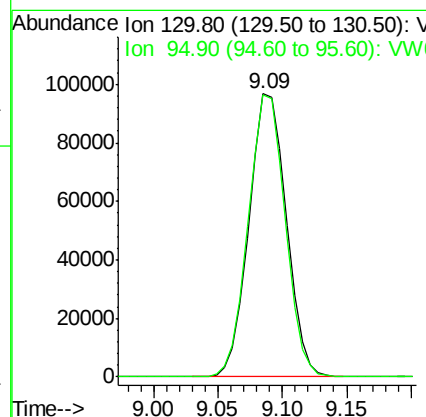
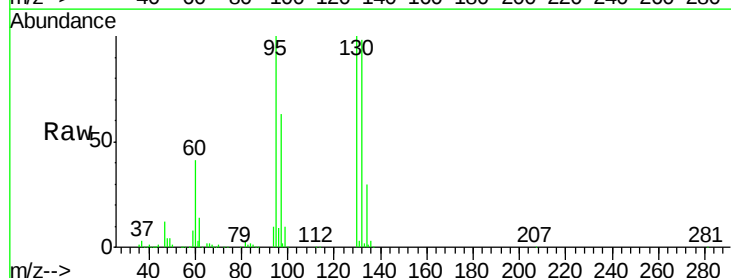
RT: 9.09 min Scan# 1178

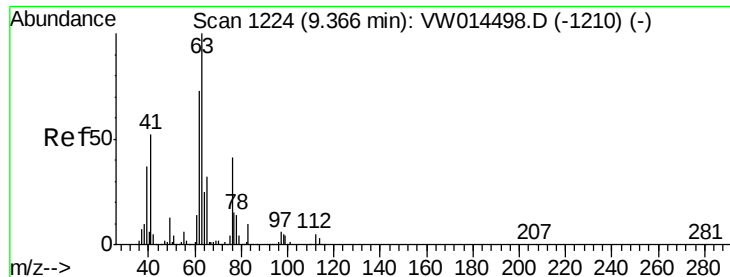
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	130	Resp:	194135
Ion Ratio		Lower	Upper
130	100		
95	99.7	0.0	199.4





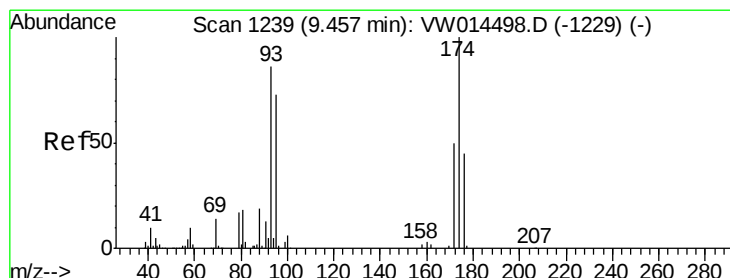
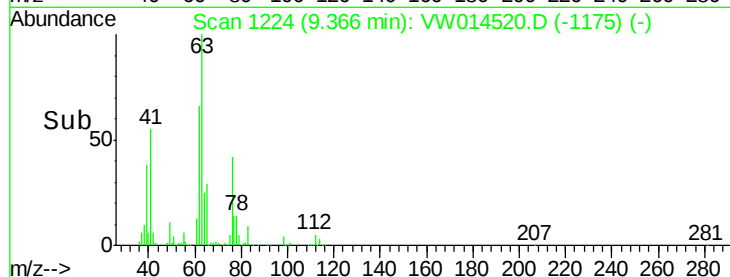
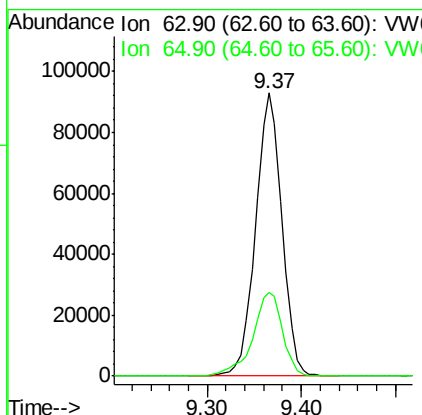
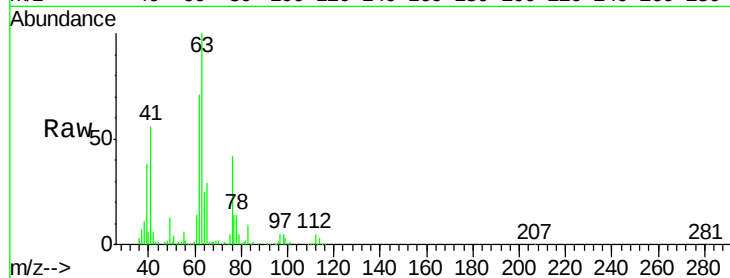
#45
 1,2-Dichloropropane
 Concen: 20.471 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampled :
 VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
63	100		
65	29.4	25.6	38.4

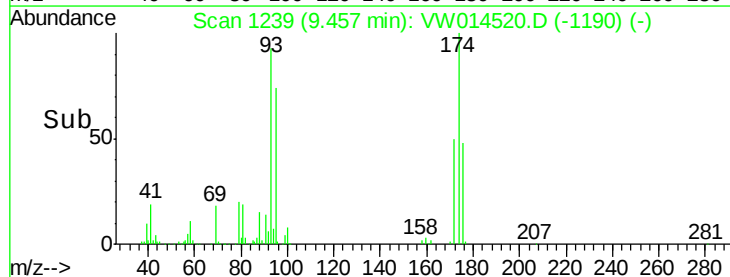
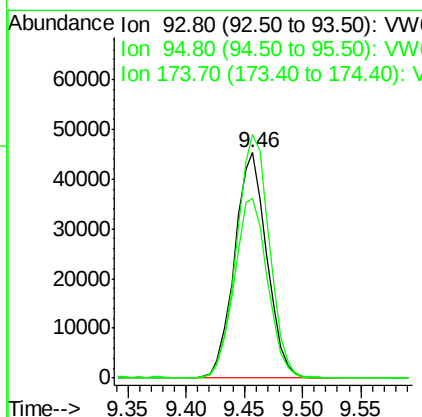
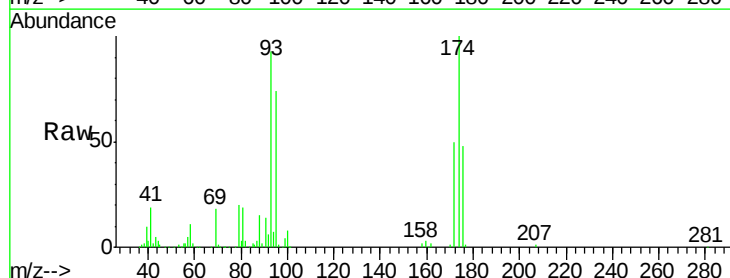
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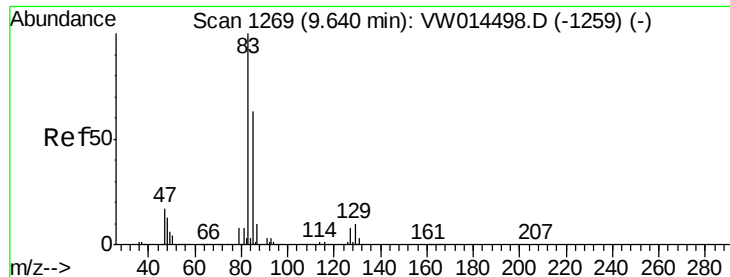
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#46
 Dibromomethane
 Concen: 19.819 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.4	66.4	99.6
174	110.2	89.1	133.7





#47

Bromodichloromethane

Concen: 20.315 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

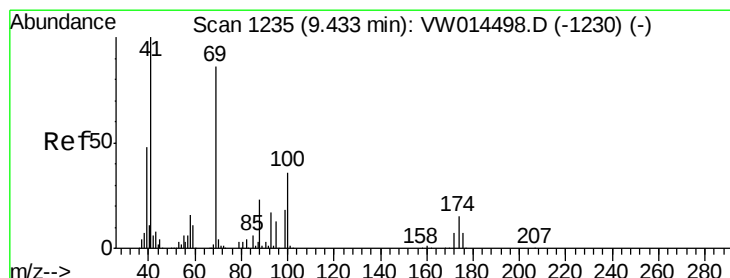
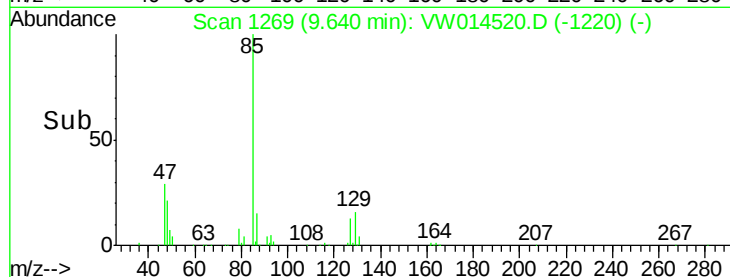
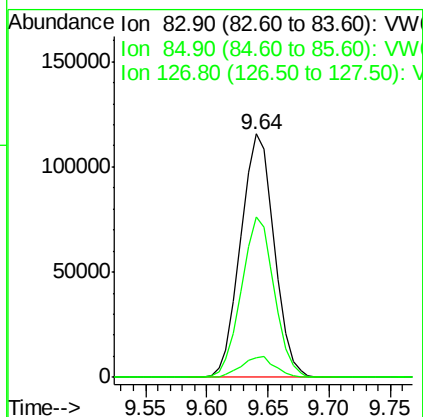
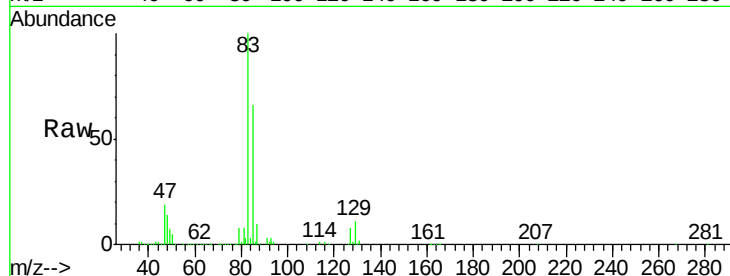
ClientSampleId :

VW0106SBSD01

Tgt Ion:	83	Resp:	220776
Ion	Ratio	Lower	Upper
83	100		
85	66.0	50.6	76.0
127	8.2	6.6	9.8

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#48

Methyl methacrylate

Concen: 17.942 ug/l

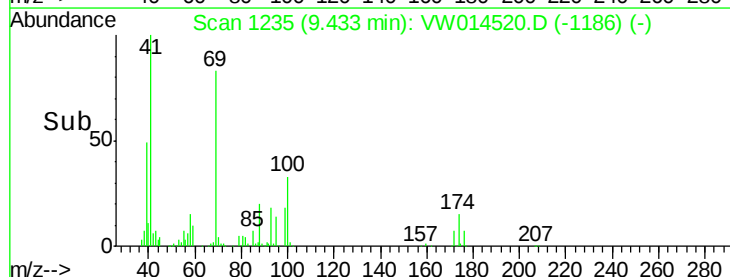
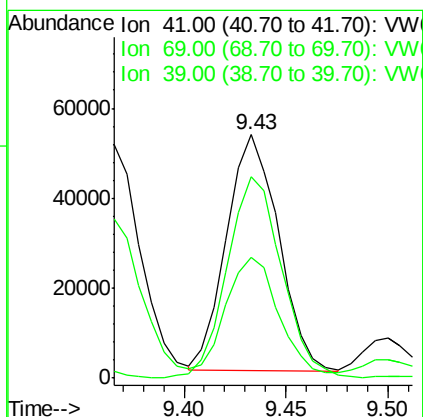
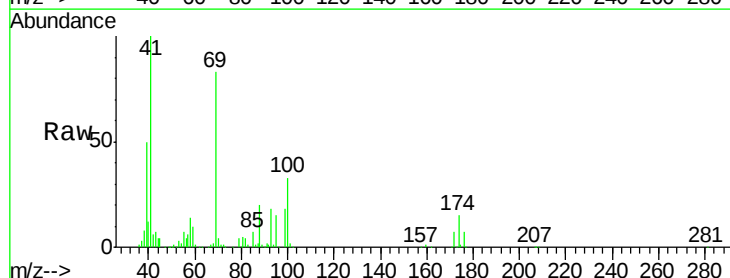
RT: 9.43 min Scan# 1235

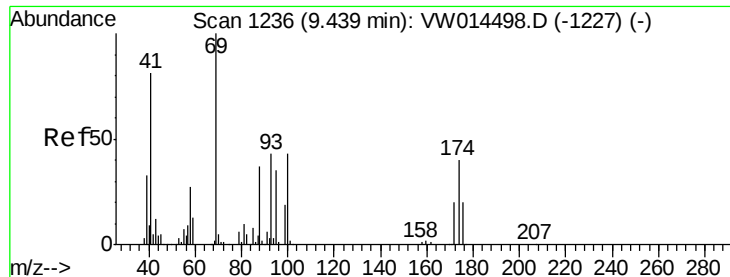
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	41	Resp:	92652
Ion	Ratio	Lower	Upper
41	100		
69	89.5	68.3	102.5
39	48.3	36.8	55.2





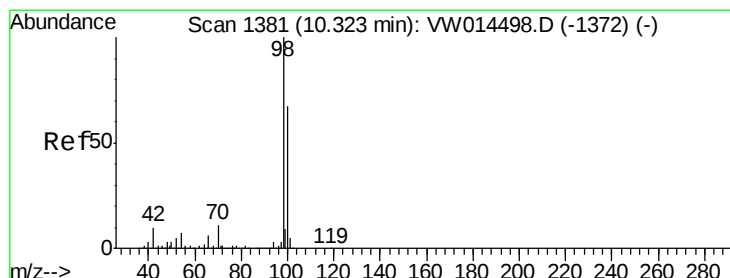
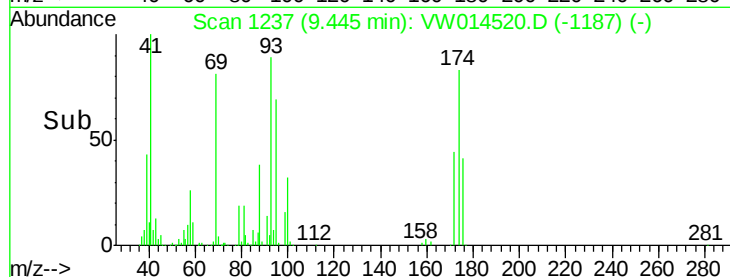
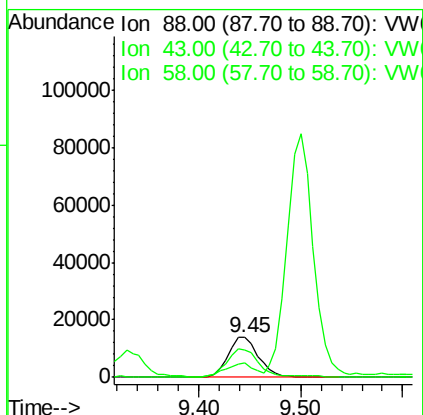
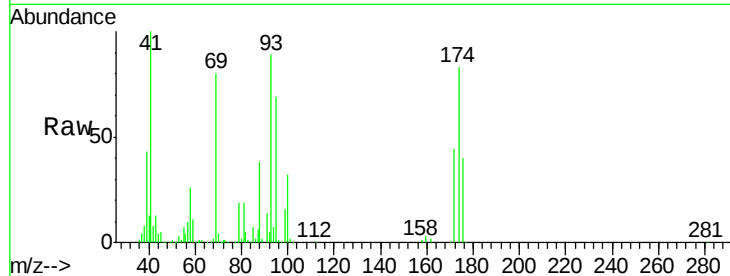
#49
1,4-Dioxane
Concen: 352.281 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion: 88 Resp: 29003
Ion Ratio Lower Upper
88 100
43 30.0 24.9 37.3
58 72.9 56.9 85.3

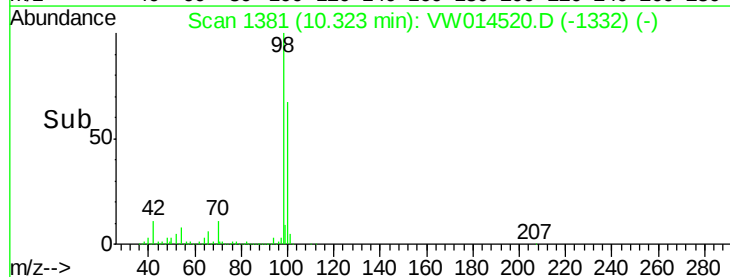
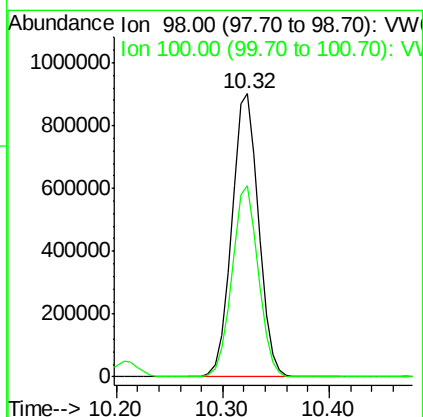
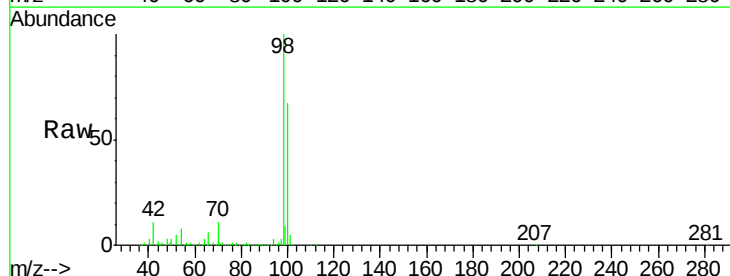
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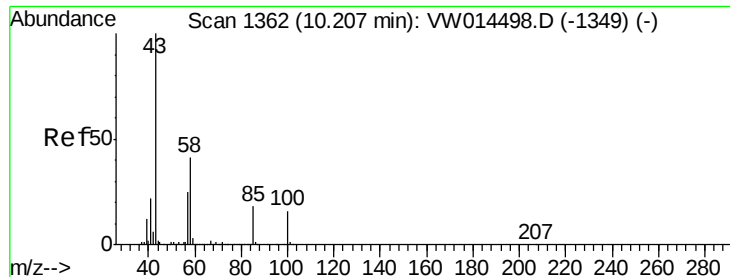
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#50
Toluene-d8
Concen: 49.957 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 98 Resp: 1587273
Ion Ratio Lower Upper
98 100
100 66.3 53.8 80.6





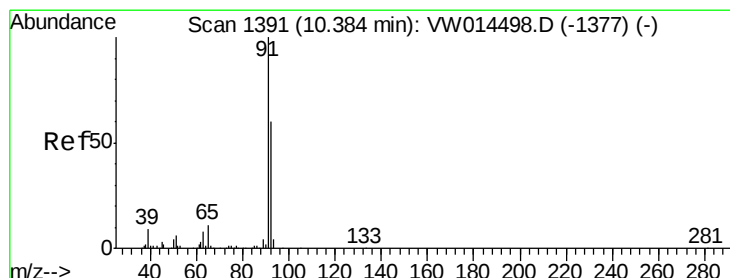
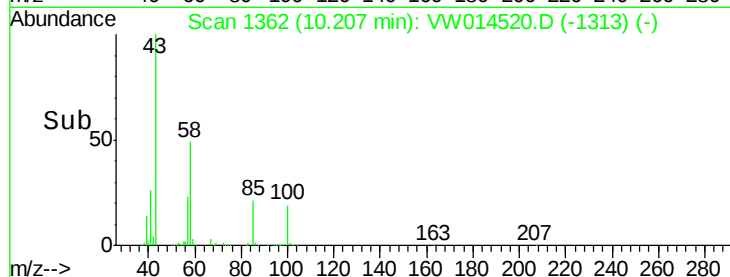
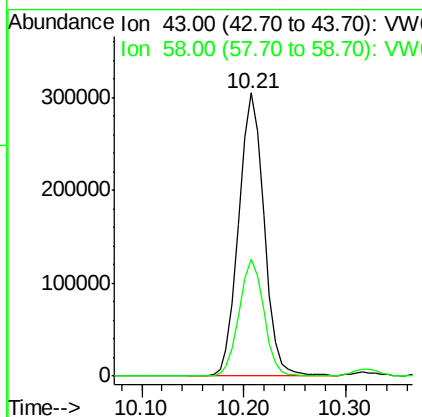
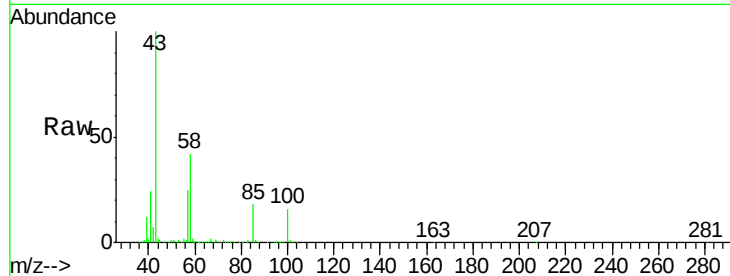
#51
 4-Methyl-2-Pentanone
 Concen: 95.562 ug/l
 RT: 10.21 min Scan# 1362
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

Tgt Ion: 43 Resp: 524872
 Ion Ratio Lower Upper
 43 100
 58 40.3 32.7 49.1

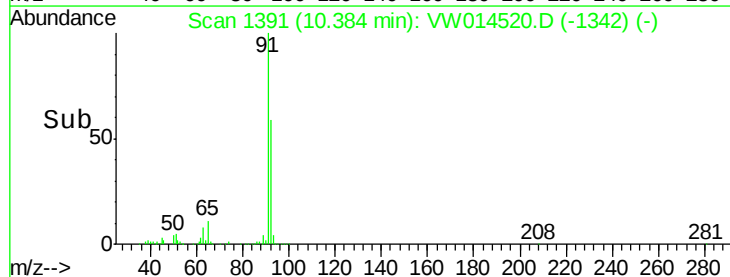
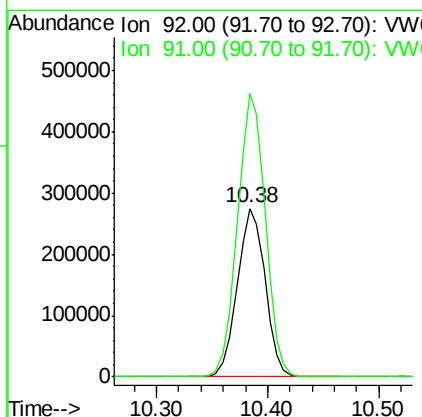
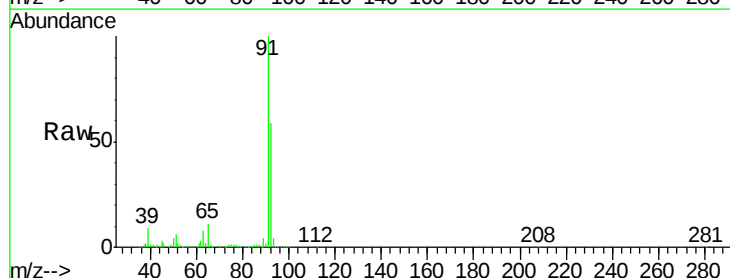
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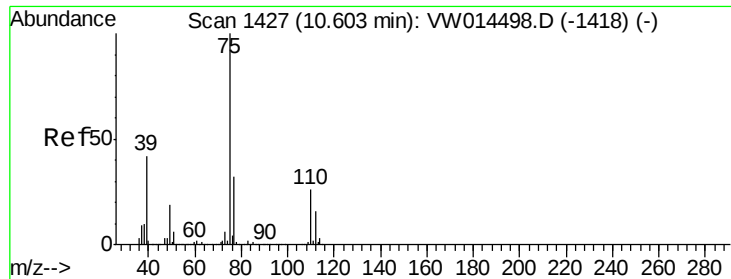
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#52
 Toluene
 Concen: 20.668 ug/l
 RT: 10.38 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 92 Resp: 472468
 Ion Ratio Lower Upper
 92 100
 91 169.2 134.1 201.1





#53

t-1,3-Dichloropropene

Concen: 19.874 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 75 Resp: 223628

Ion Ratio Lower Upper

75 100

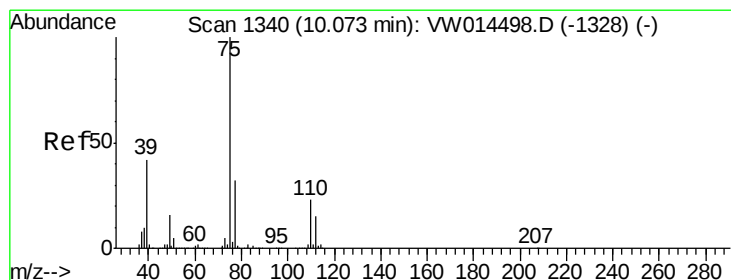
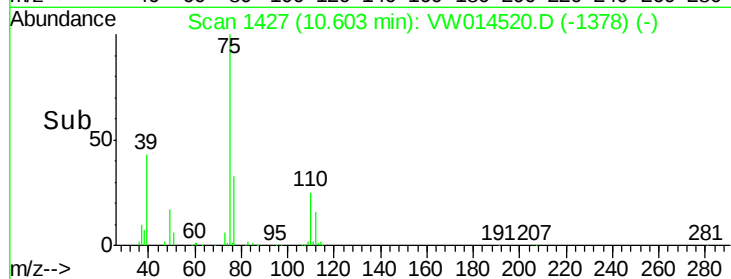
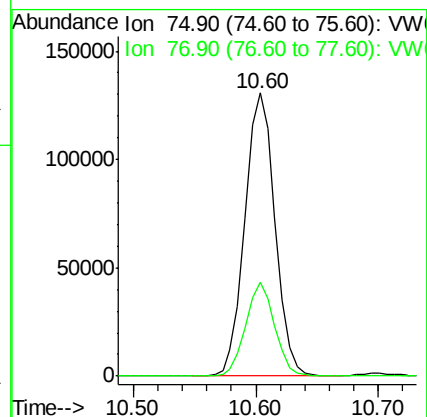
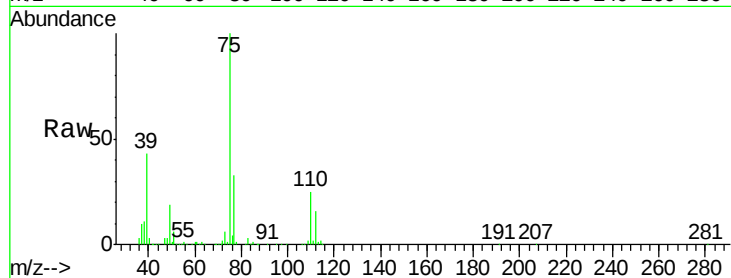
77 33.0 25.4 38.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 20.095 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

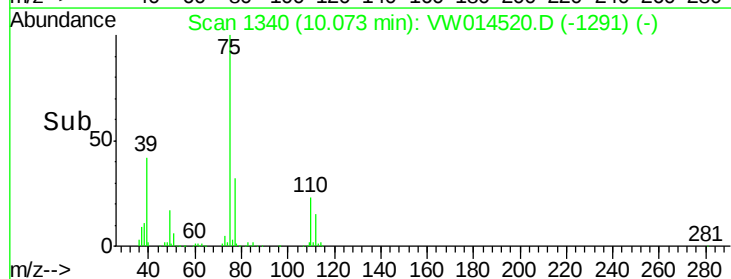
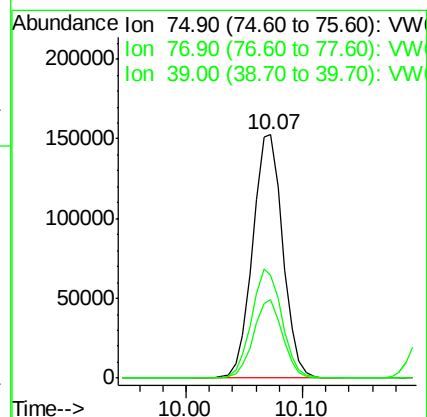
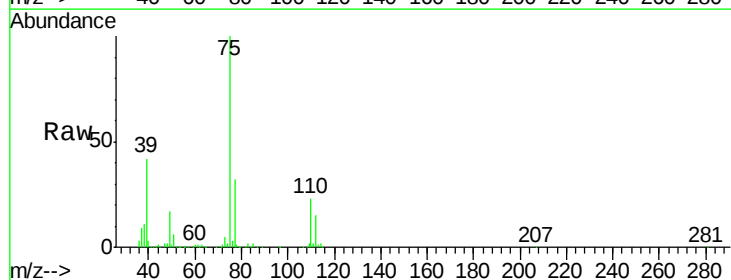
Tgt Ion: 75 Resp: 276344

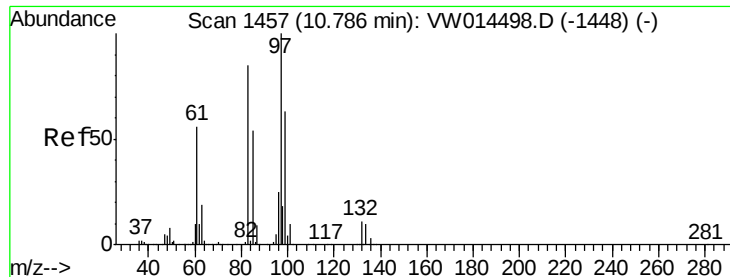
Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0

39 42.1 33.4 50.2





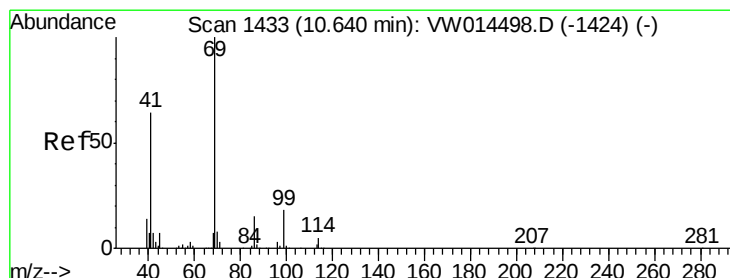
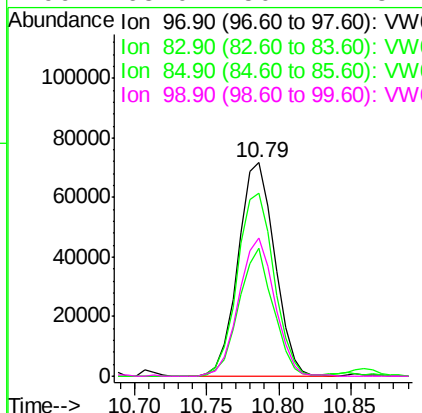
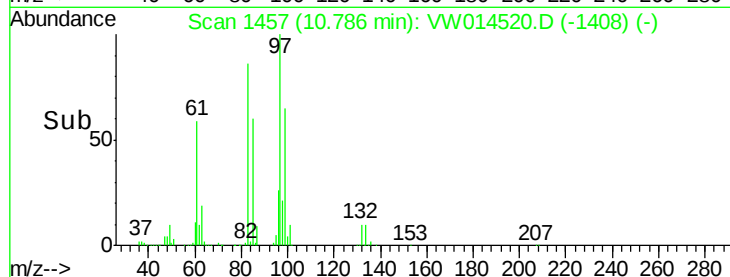
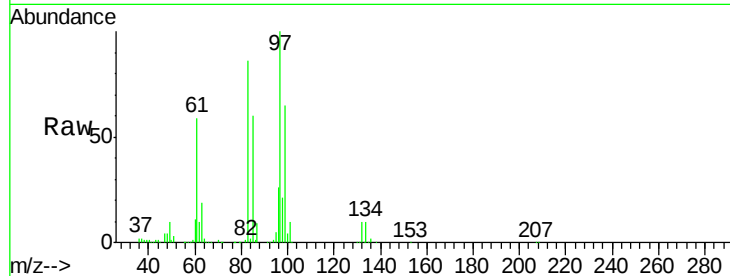
#55
 1,1,2-Trichloroethane
 Concen: 19.708 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.8	68.2	102.4
85	59.6	43.0	64.4
99	65.0	50.1	75.1

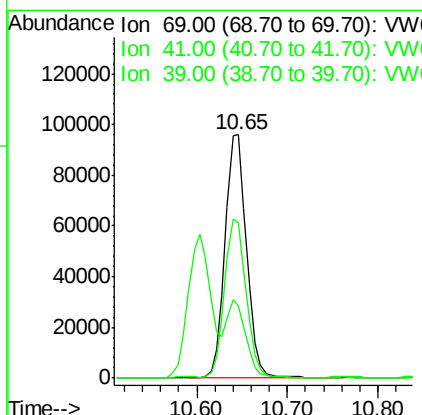
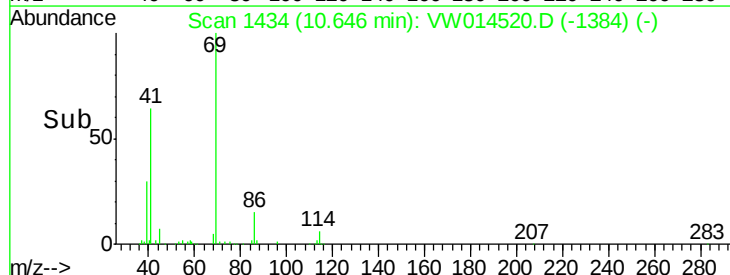
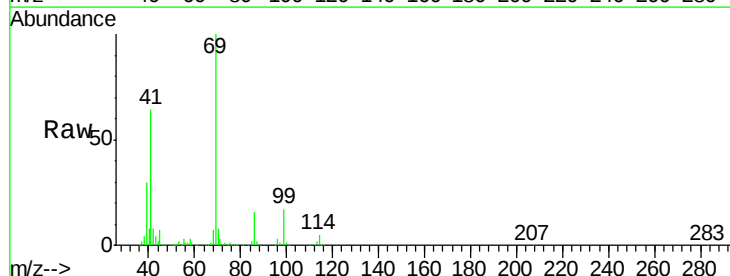
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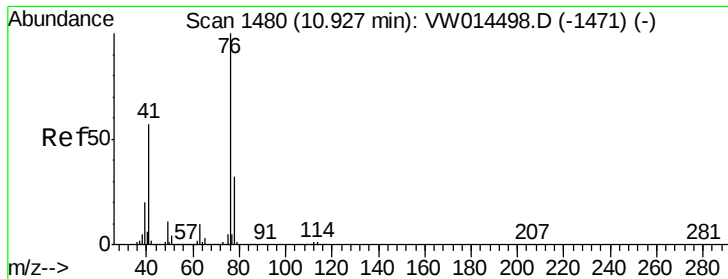
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#56
 Ethyl methacrylate
 Concen: 19.012 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.1	51.3	76.9
39	28.1	21.0	31.6





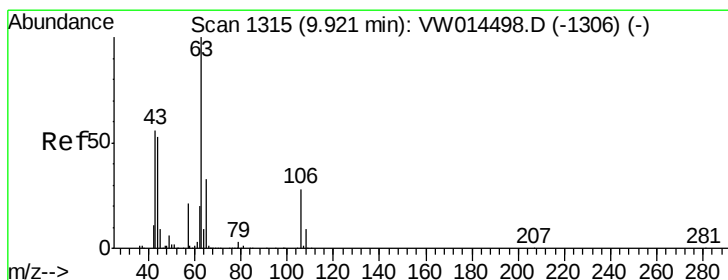
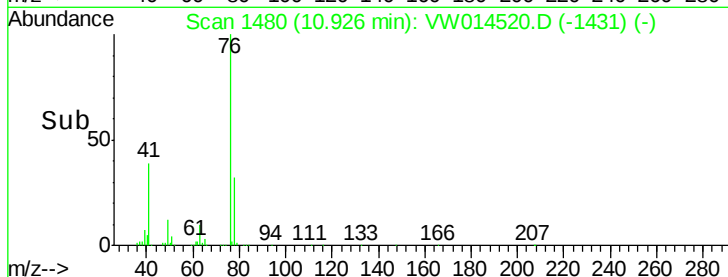
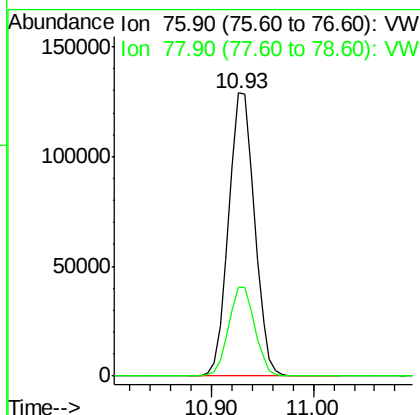
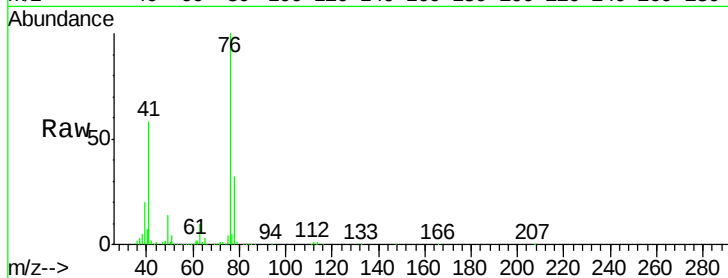
#57
 1,3-Dichloropropane
 Concen: 20.036 ug/l
 RT: 10.93 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion: 76 Resp: 226387
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.9 38.9

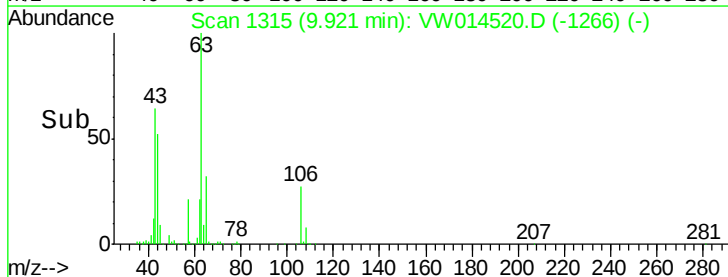
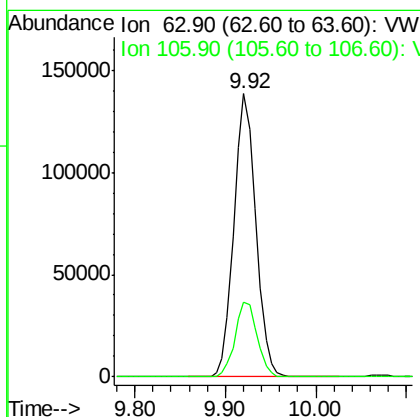
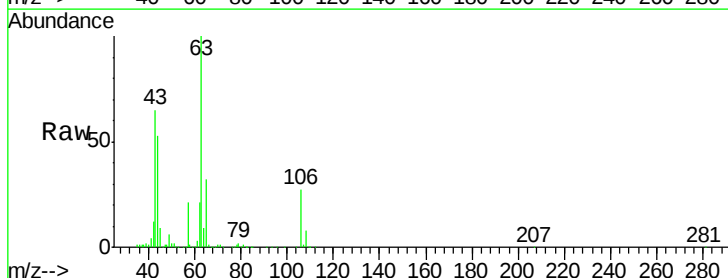
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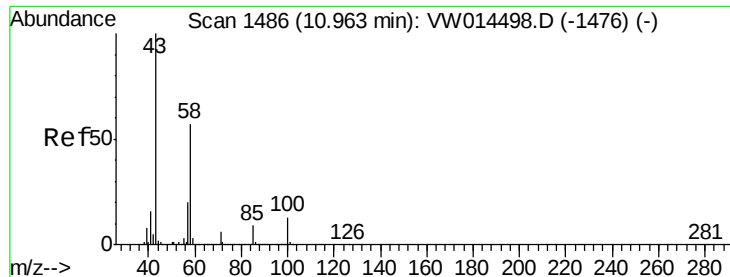
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#58
 2-Chloroethyl Vinyl ether
 Concen: 91.648 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion: 63 Resp: 232875
 Ion Ratio Lower Upper
 63 100
 106 27.0 23.0 34.6





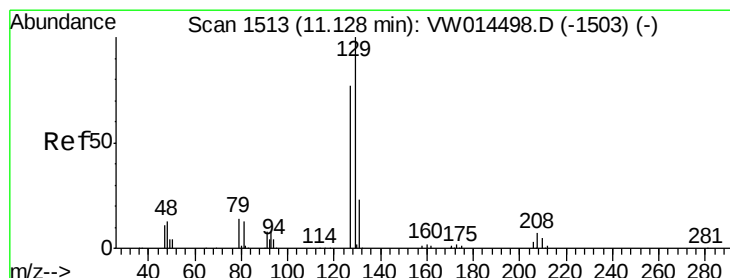
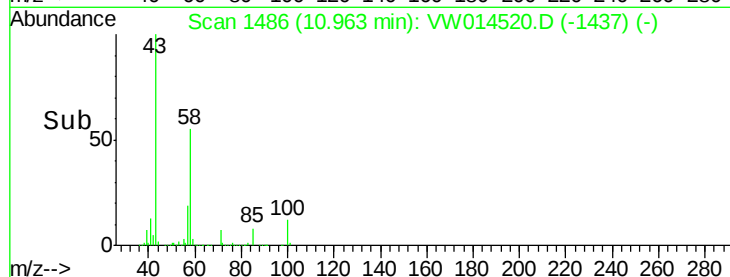
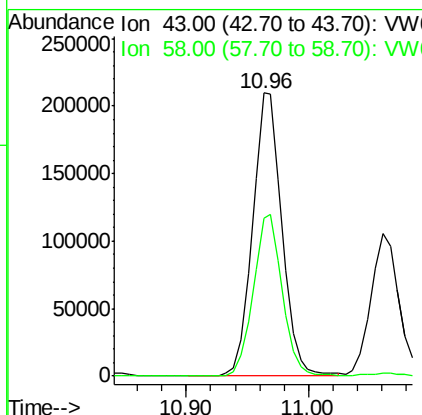
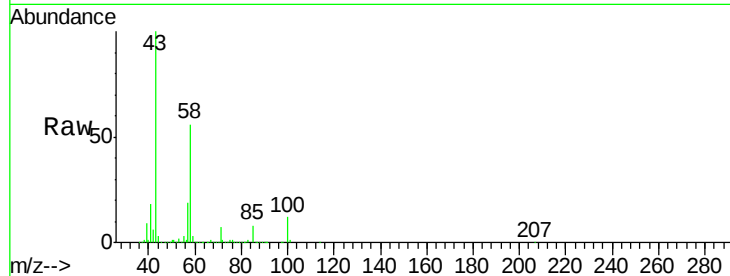
#59
2-Hexanone
Concen: 92.622 ug/l
RT: 10.96 min Scan# 1486
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

Tgt Ion: 43 Resp: 350556
Ion Ratio Lower Upper
43 100
58 56.3 28.7 86.3

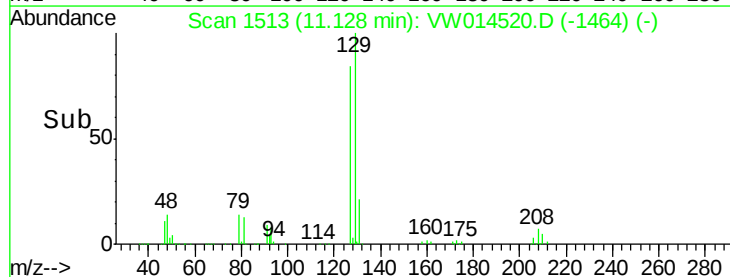
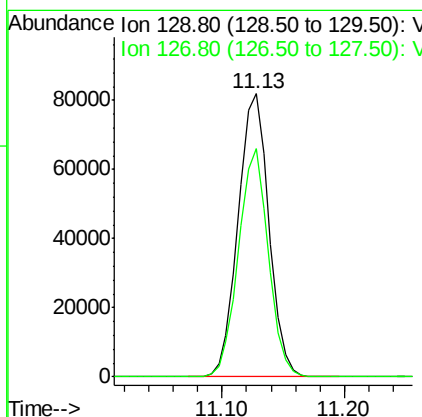
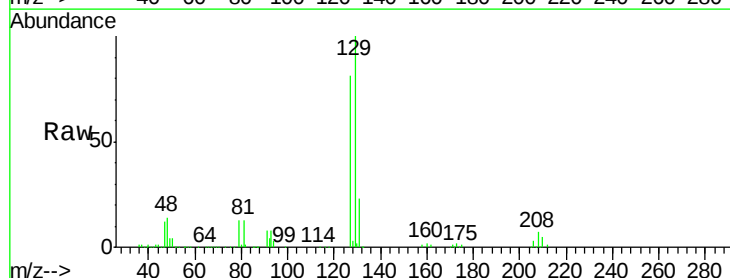
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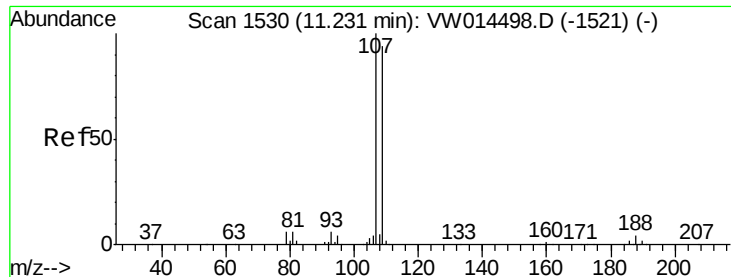
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#60
Dibromochloromethane
Concen: 19.707 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 129 Resp: 142949
Ion Ratio Lower Upper
129 100
127 78.2 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.649 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 107 Resp: 119902

Ion Ratio Lower Upper

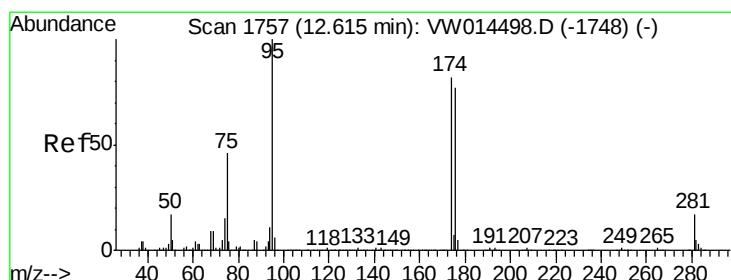
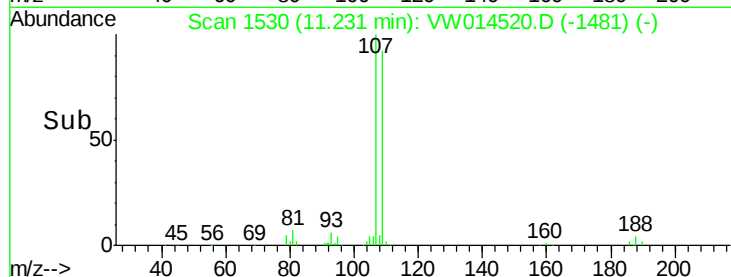
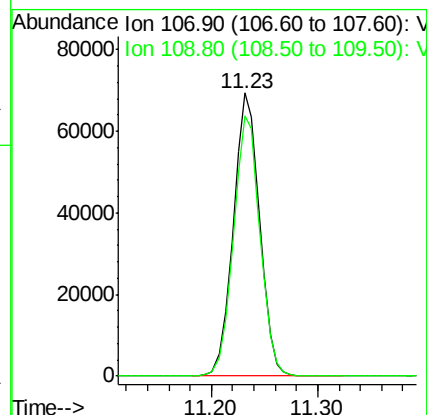
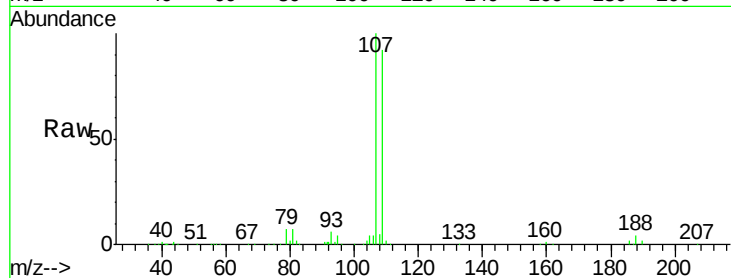
107 100

109 92.8 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 49.324 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

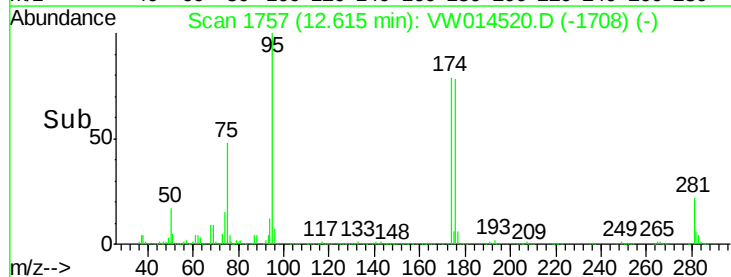
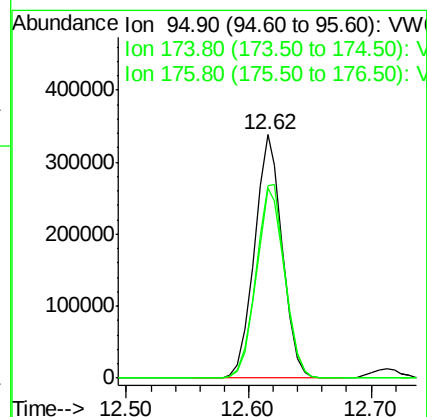
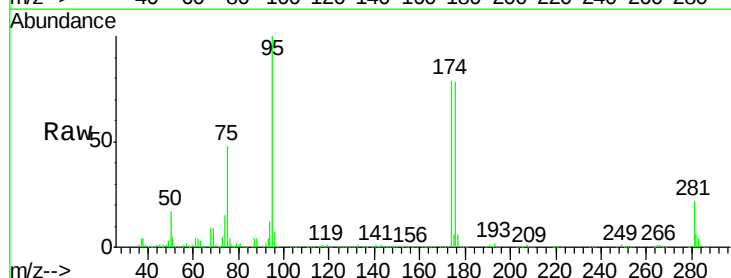
Tgt Ion: 95 Resp: 531562

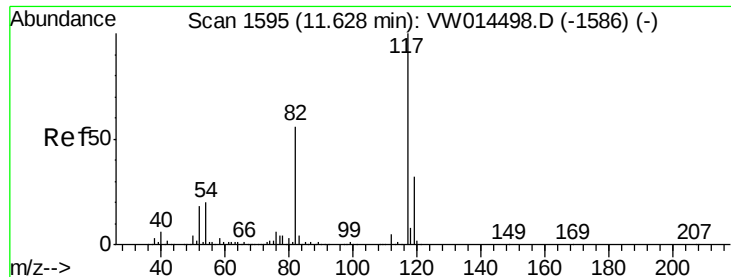
Ion Ratio Lower Upper

95 100

174 83.6 0.0 168.6

176 79.7 0.0 162.0





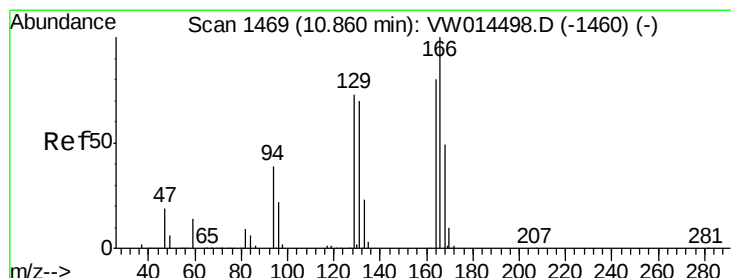
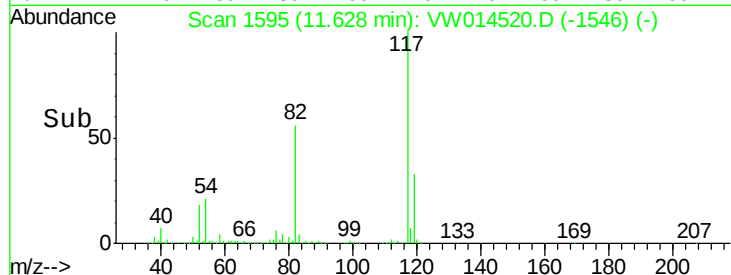
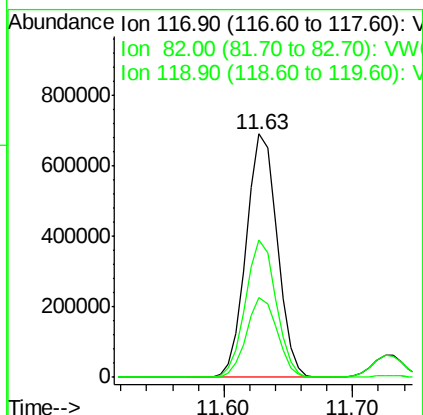
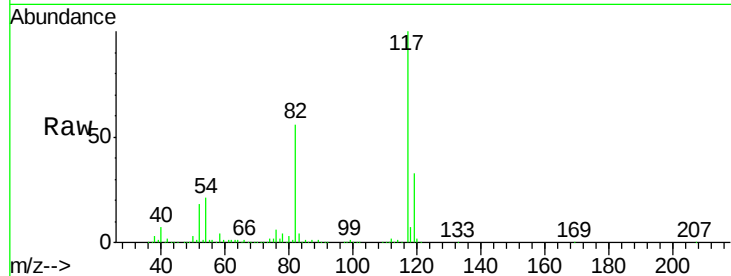
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.2	44.6	67.0
119	32.6	25.7	38.5

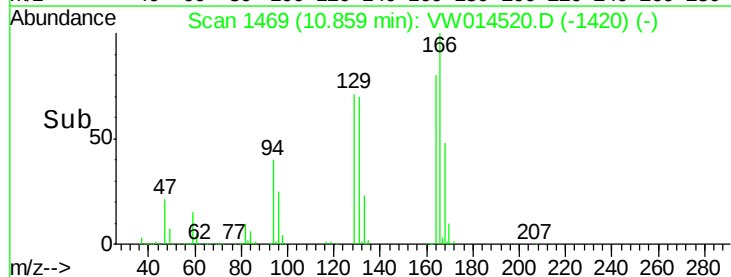
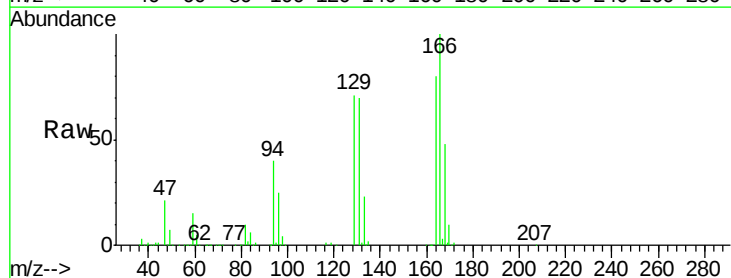
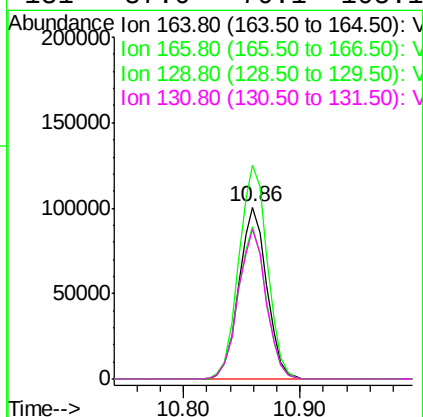
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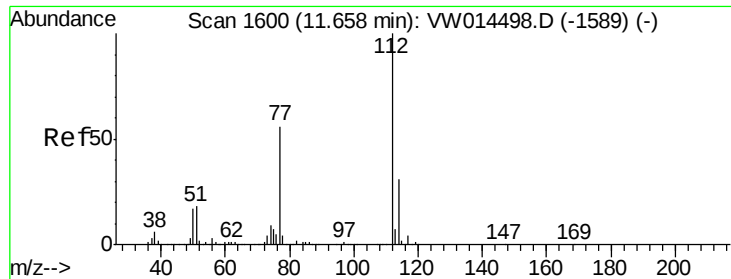
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#64
Tetrachloroethene
Concen: 20.205 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	99.8	149.6
129	88.6	72.4	108.6
131	87.0	70.1	105.1





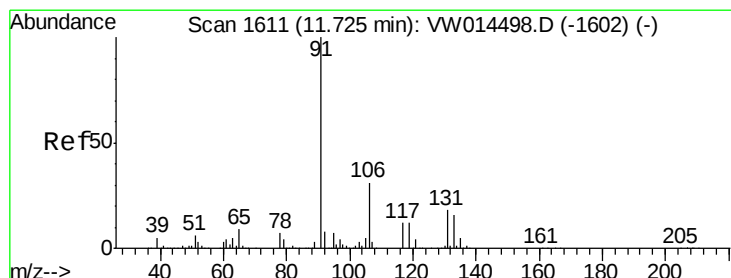
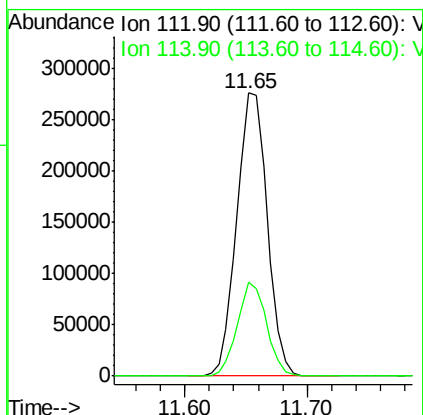
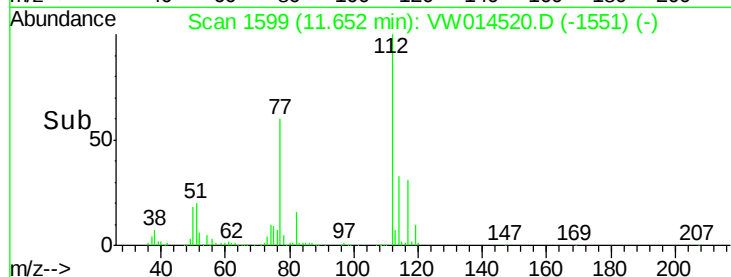
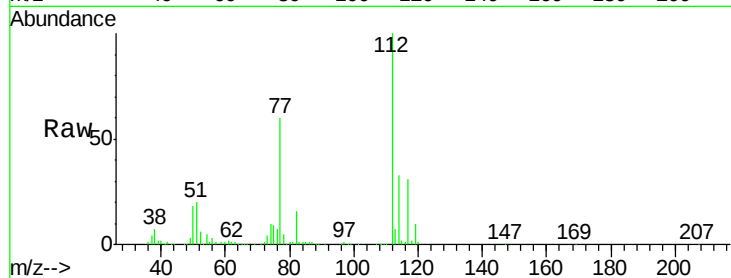
#65
Chlorobenzene
Concen: 20.345 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion:112 Resp: 477810
Ion Ratio Lower Upper
112 100
114 33.2 24.6 37.0

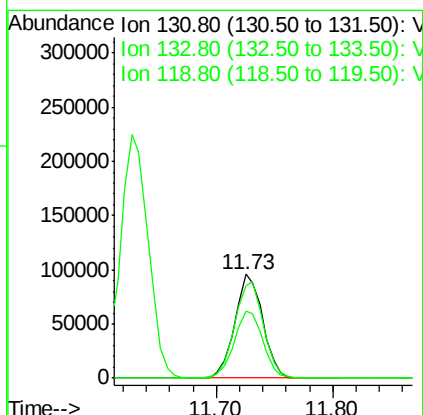
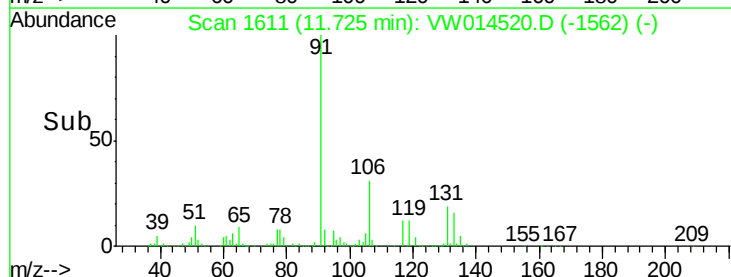
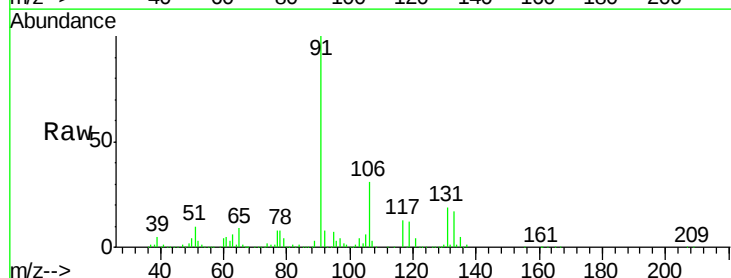
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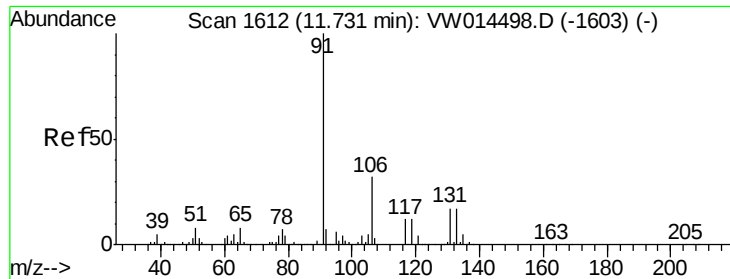
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.306 ug/l
RT: 11.73 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion:131 Resp: 160571
Ion Ratio Lower Upper
131 100
133 95.4 47.3 142.0
119 66.3 33.1 99.3





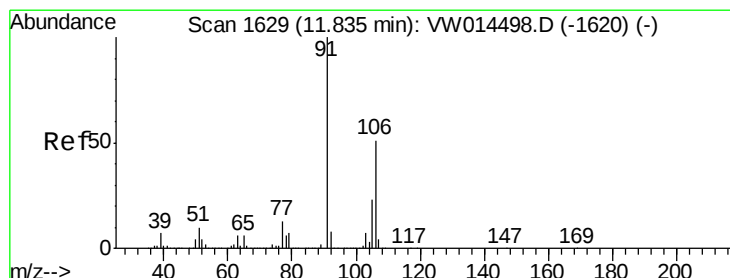
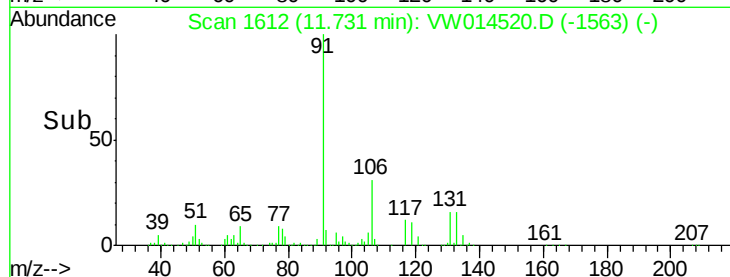
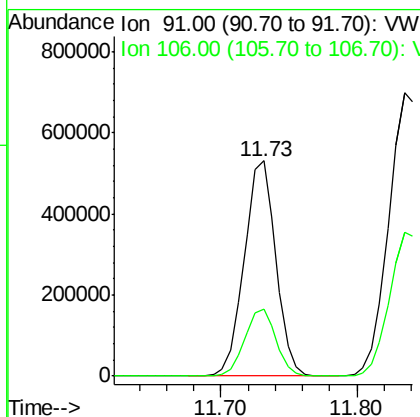
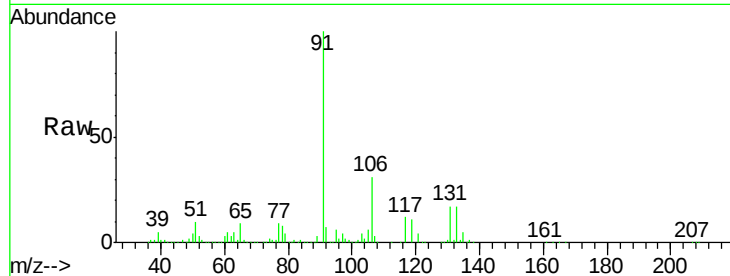
#67
Ethyl Benzene
Concen: 20.400 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBSD01

Tgt Ion: 91 Resp: 863404
Ion Ratio Lower Upper
91 100
106 31.0 25.5 38.3

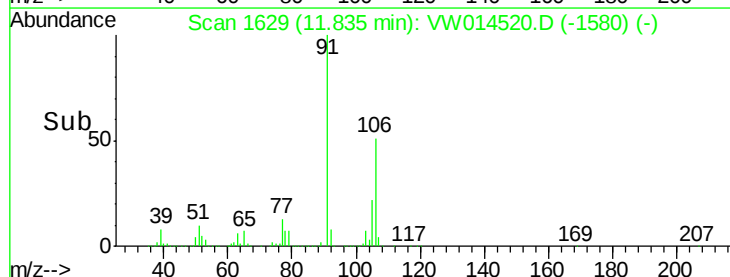
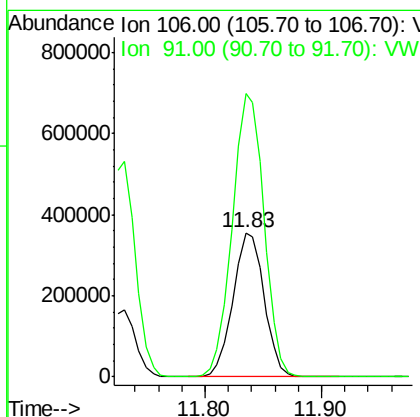
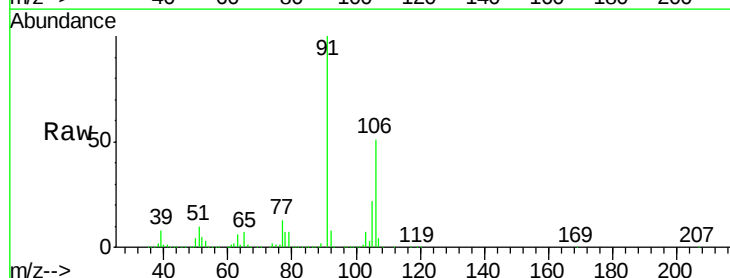
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#68
m/p-Xylenes
Concen: 40.765 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion: 106 Resp: 660336
Ion Ratio Lower Upper
106 100
91 200.2 159.0 238.6





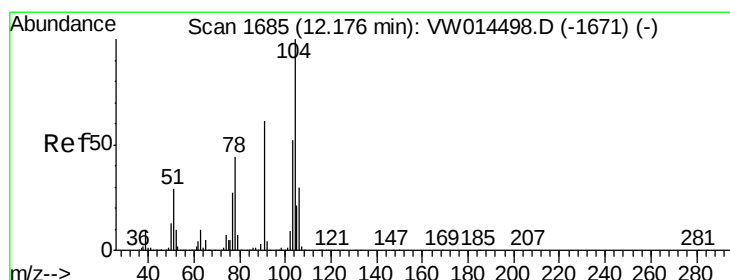
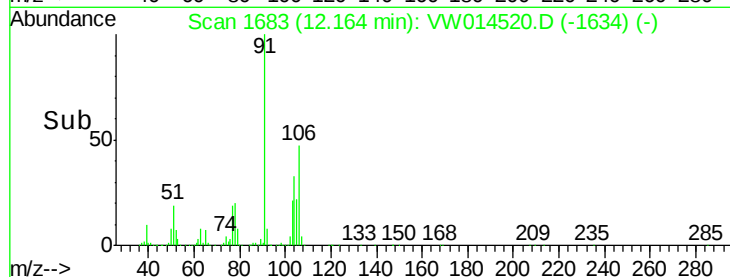
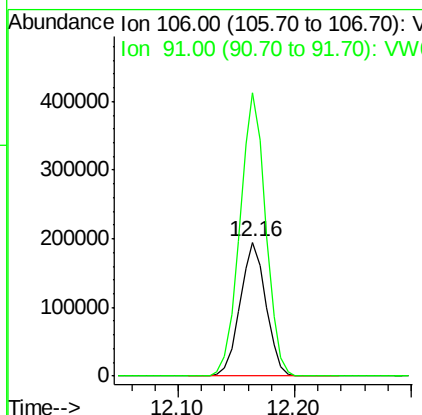
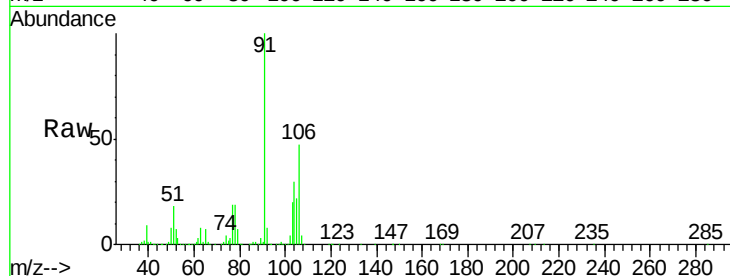
#69
o-Xylene
Concen: 20.206 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion:106 Resp: 302345
Ion Ratio Lower Upper
106 100
91 210.8 105.2 315.6

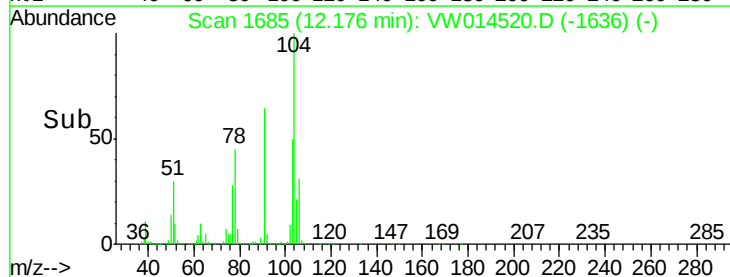
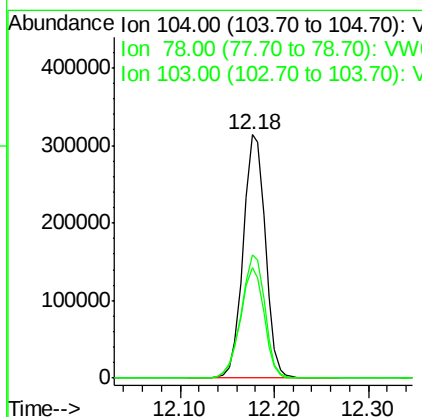
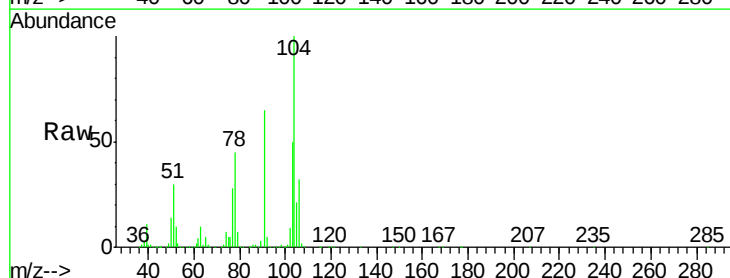
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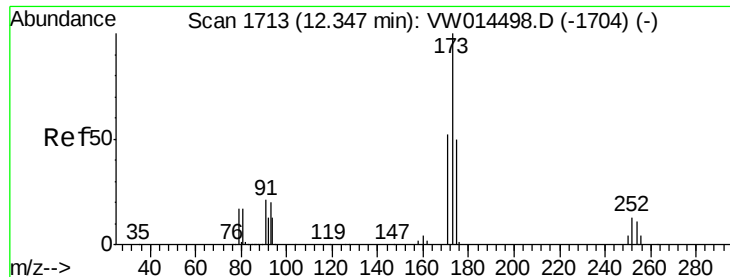
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#70
Styrene
Concen: 20.435 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion:104 Resp: 517192
Ion Ratio Lower Upper
104 100
78 48.4 38.4 57.6
103 53.9 43.7 65.5





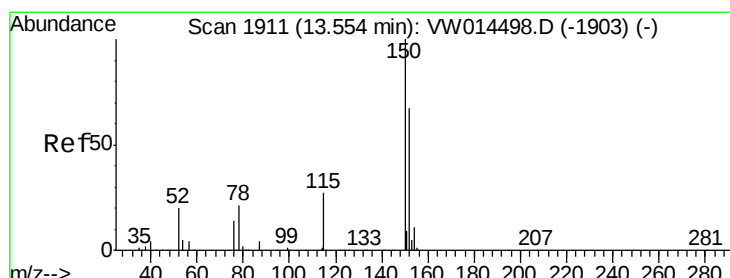
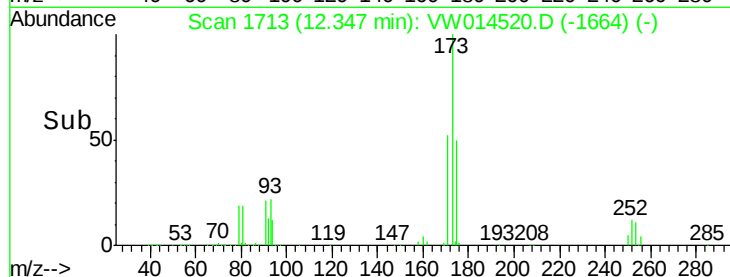
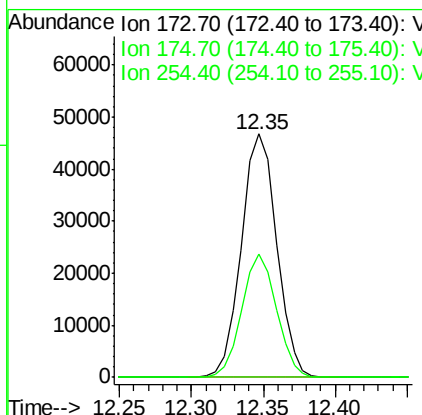
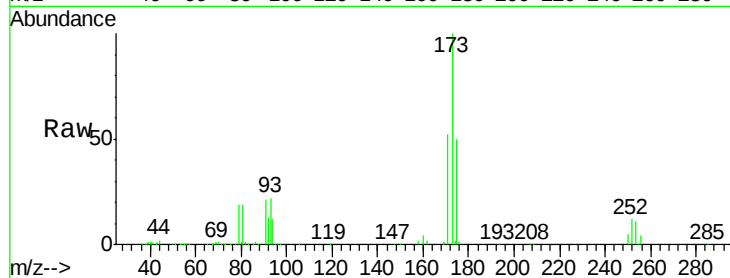
#71
Bromoform
Concen: 18.461 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.5	73.5
254	0.1	0.0	0.0

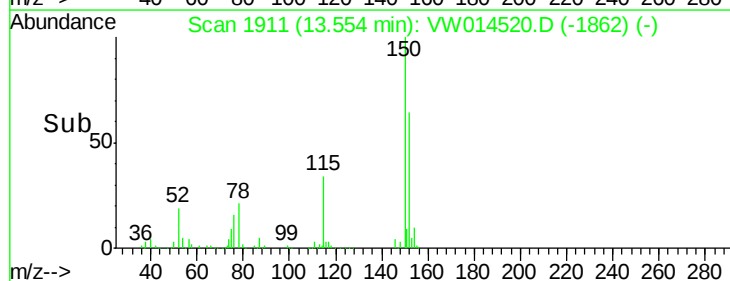
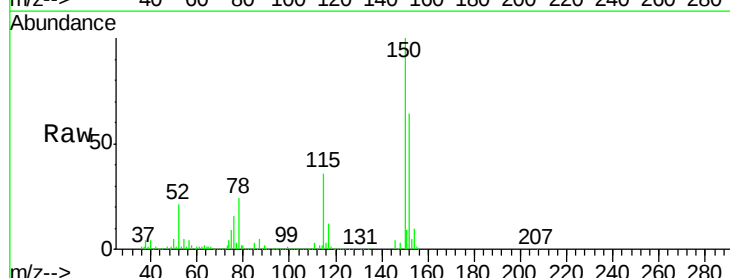
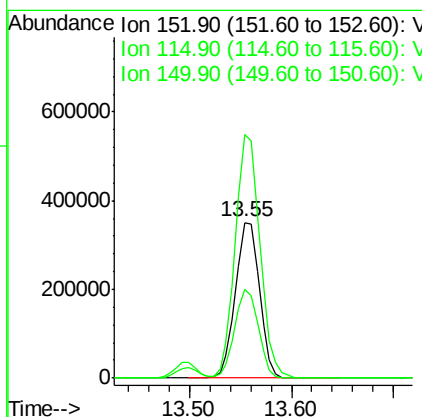
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.7	83.1
150	160.6	0.0	343.4





#73

Isopropylbenzene

Concen: 19.829 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBSD01

Tgt Ion: 105 Resp: 829956

Ion Ratio Lower Upper

105 100

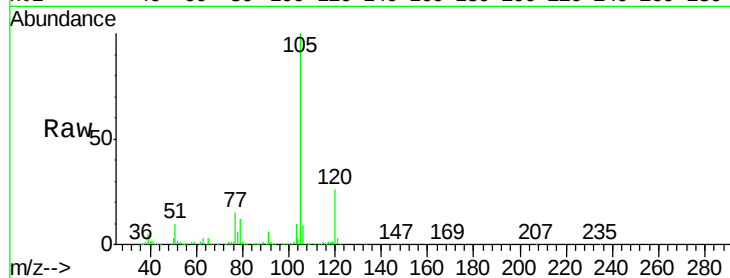
120 26.4 13.4 40.1

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.46

600000

500000

400000

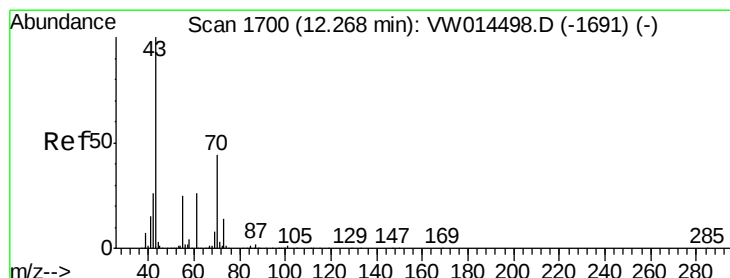
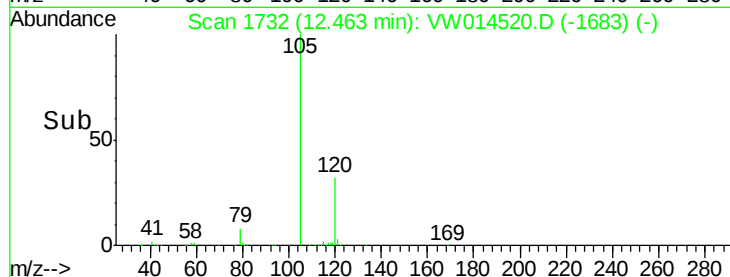
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 18.799 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion: 43 Resp: 176424

Ion Ratio Lower Upper

43 100

70 43.6 36.5 54.7

55 26.8 20.9 31.3

61 24.9 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

12.27

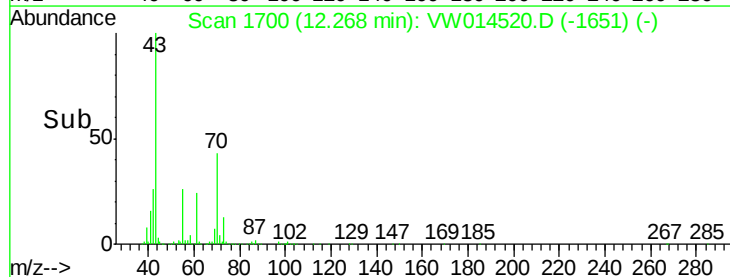
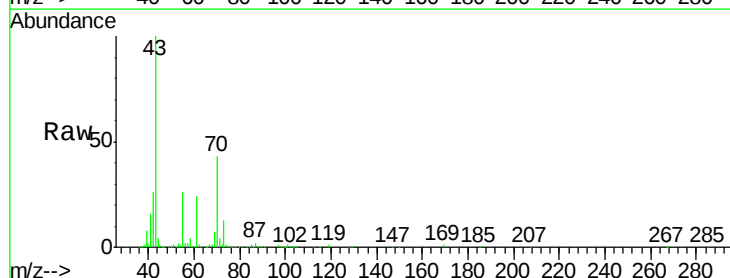
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.819 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

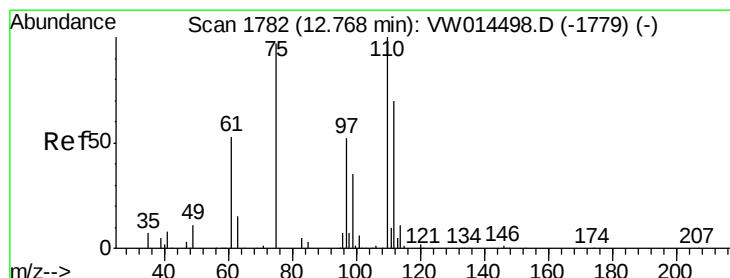
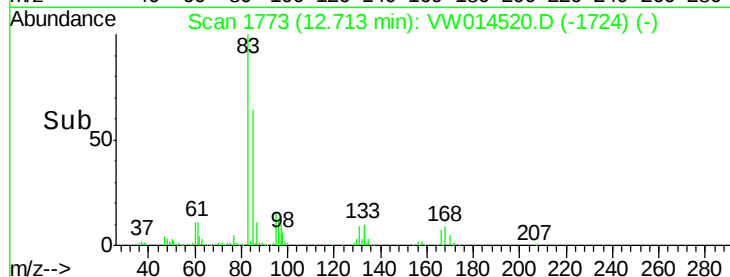
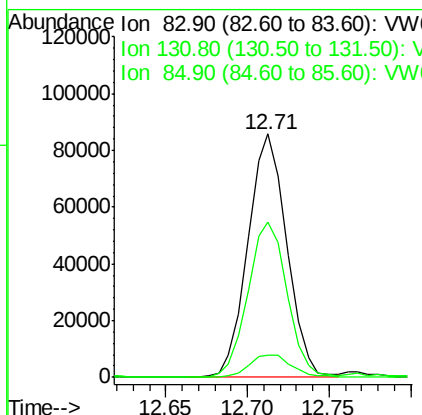
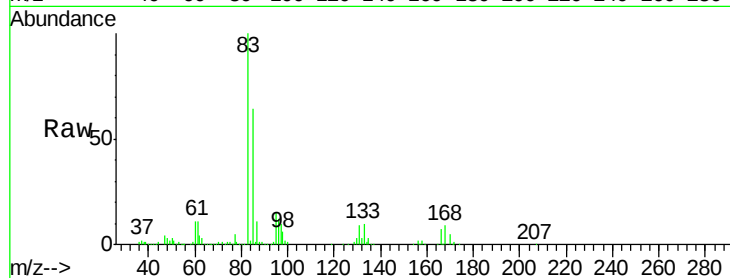
ClientSampled :

VW0106SBS01

Tgt Ion:	83	Resp:	142175
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.3	31.9	95.7

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#76

1,2,3-Trichloropropane

Concen: 16.351 ug/l m

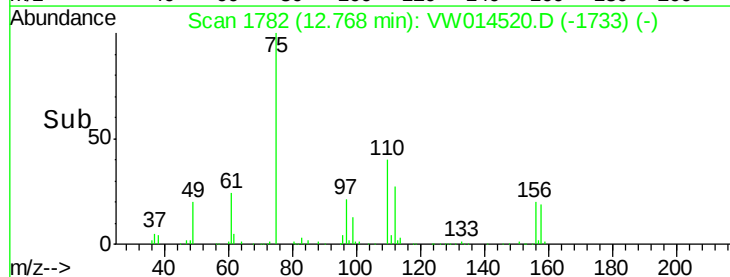
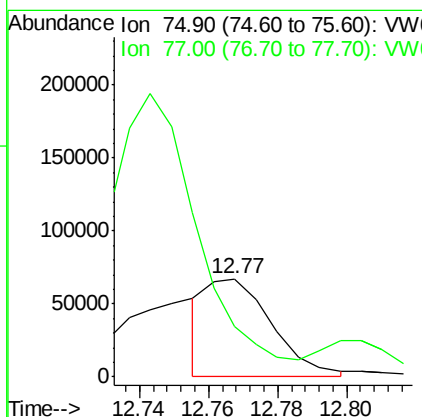
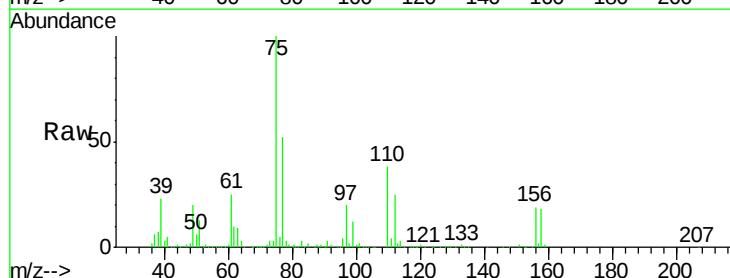
RT: 12.77 min Scan# 1782

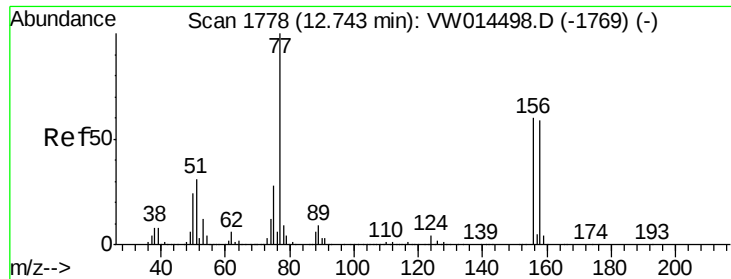
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	75	Resp:	88190
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.542 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

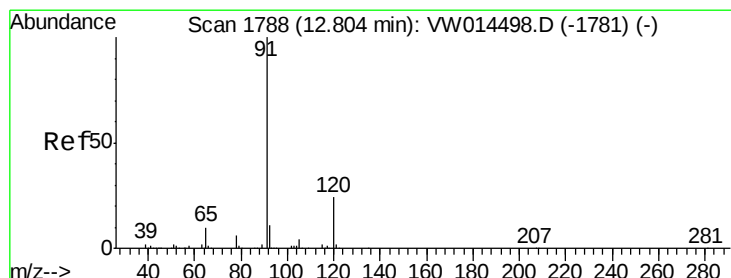
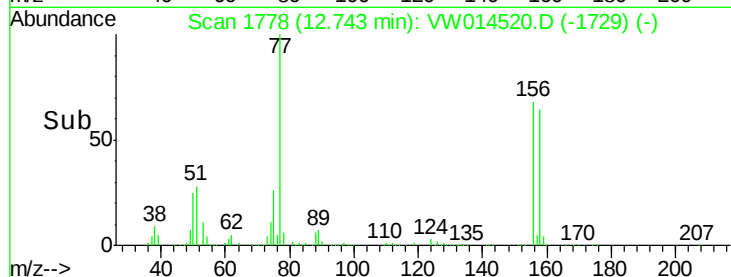
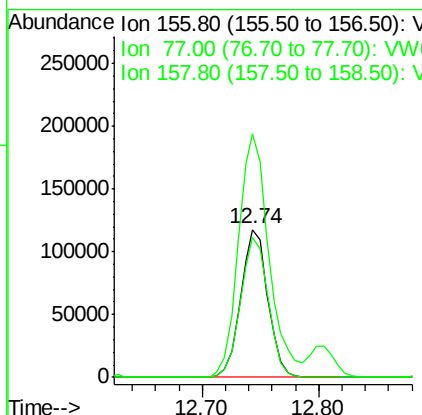
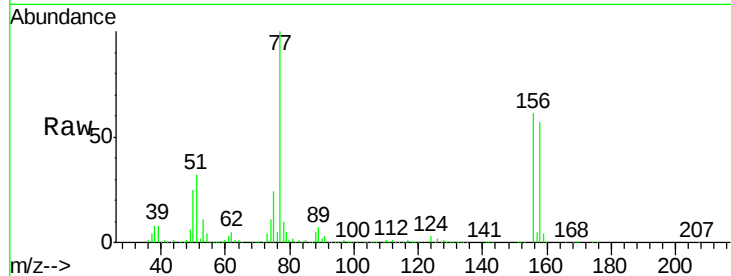
ClientSampled :

VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	187.2	92.3	277.1
158	97.2	48.6	145.9

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#78

n-propylbenzene

Concen: 20.394 ug/l

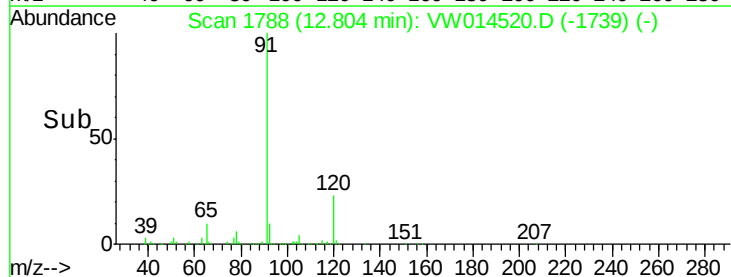
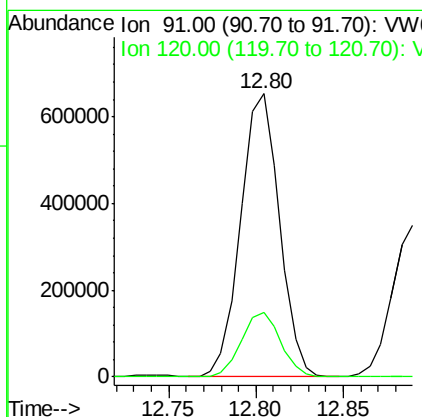
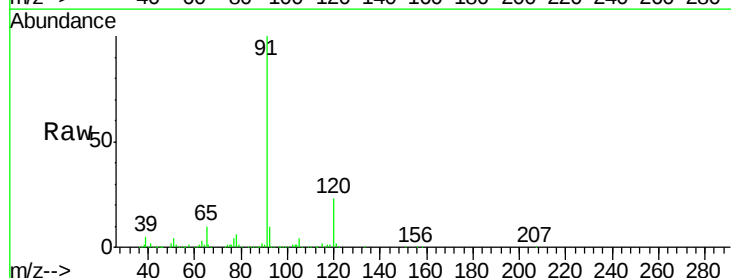
RT: 12.80 min Scan# 1788

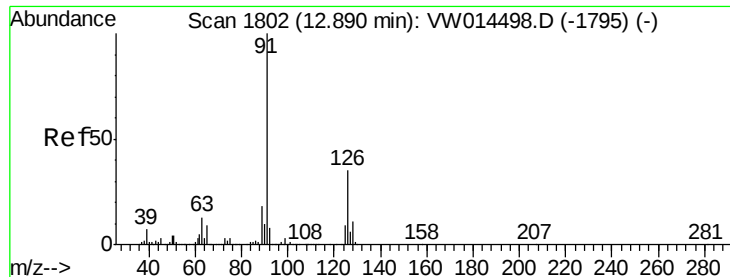
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.7	35.1





#79

2-Chlorotoluene

Concen: 19.981 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion: 91 Resp: 559650

Ion Ratio Lower Upper

91 100

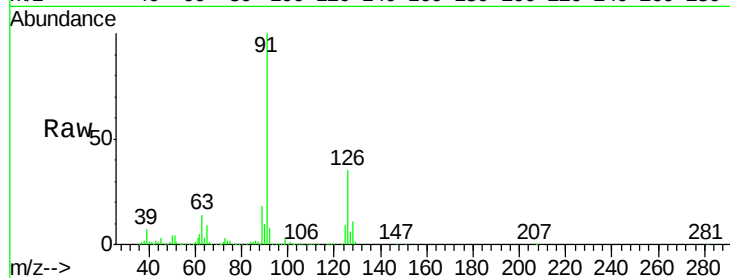
126 34.2 17.1 51.2

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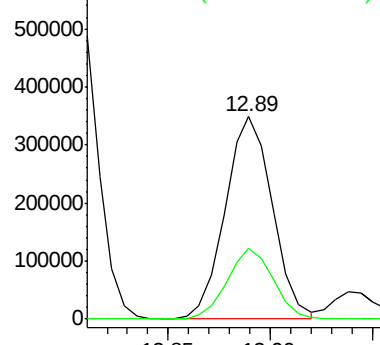
apatel

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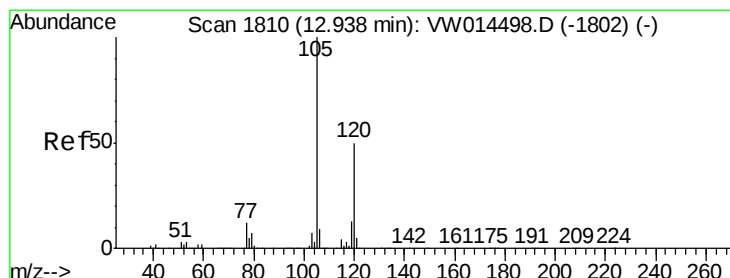
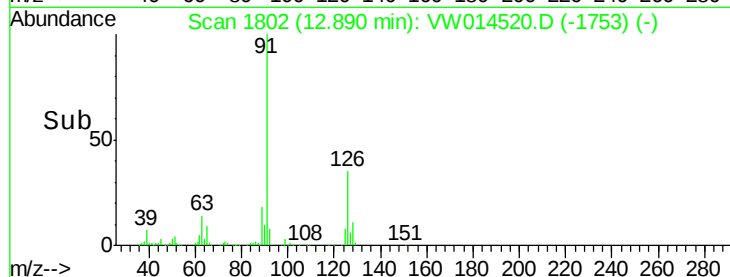


Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 20.078 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW014520.D

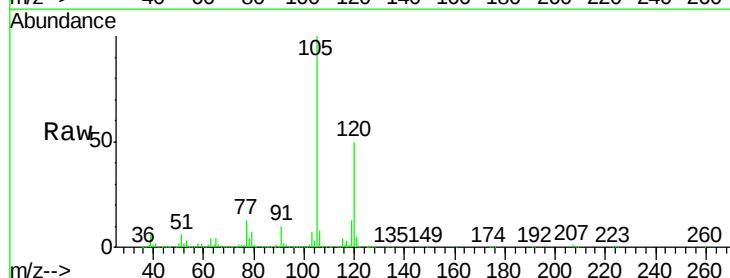
Acq: 06 Jan 2020 13:44

Tgt Ion: 105 Resp: 705606

Ion Ratio Lower Upper

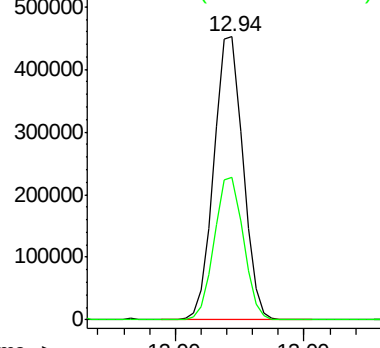
105 100

120 50.6 25.2 75.6

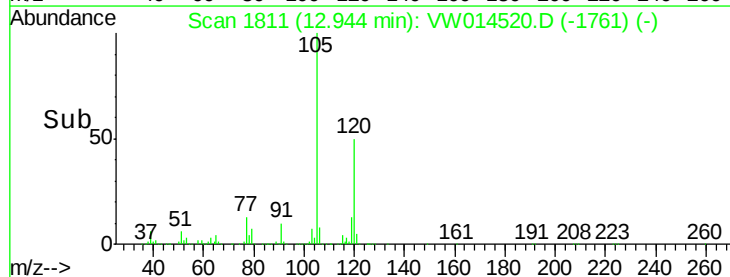


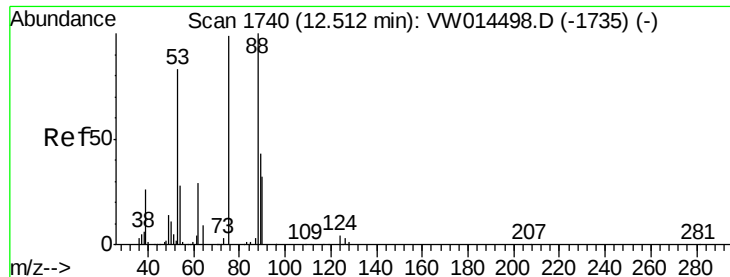
Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 18.341 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

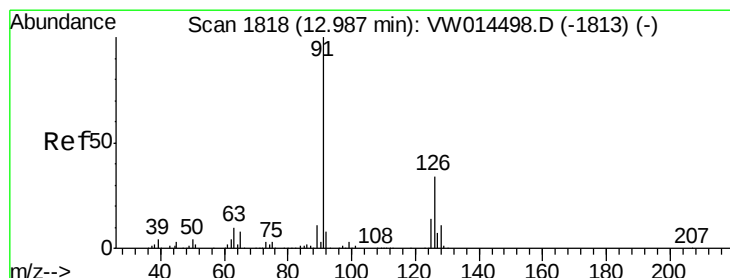
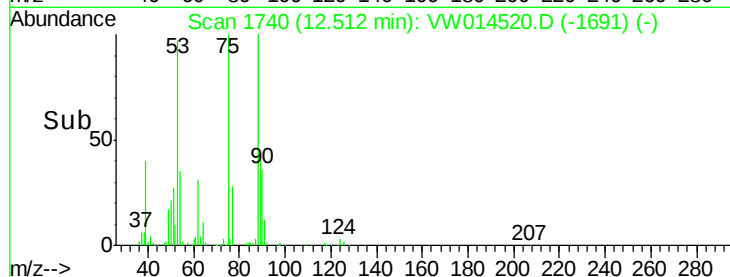
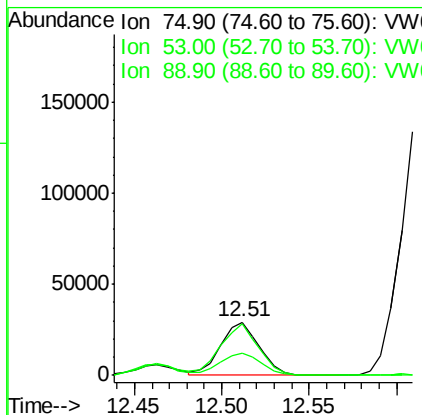
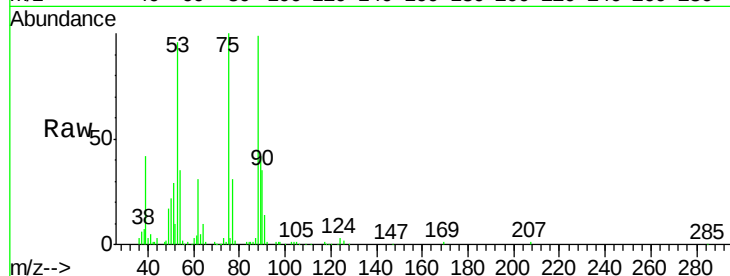
ClientSampleId :

VW0106SBSD01

Tgt Ion:	75	Resp:	44397
Ion Ratio	Lower	Upper	
75	100		
53	96.7	70.9	106.3
89	46.0	35.8	53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.329 ug/l

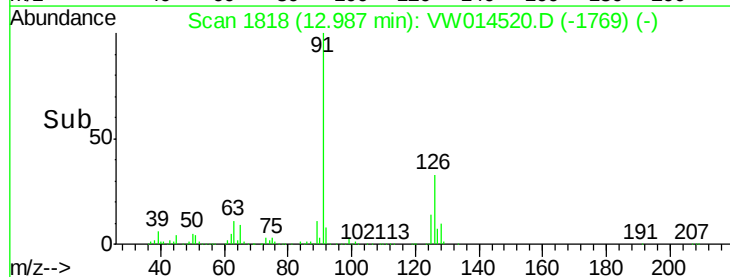
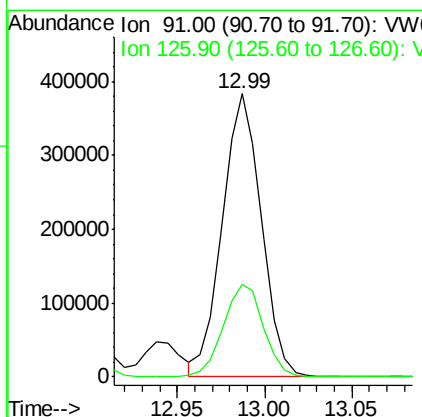
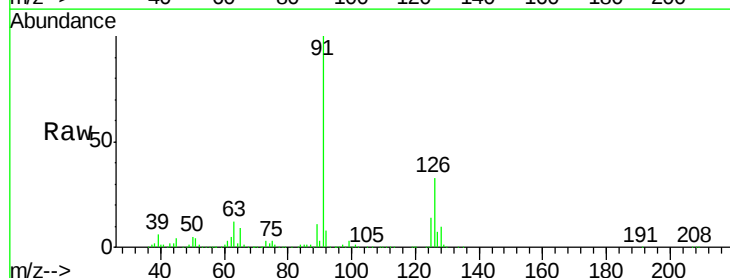
RT: 12.99 min Scan# 1818

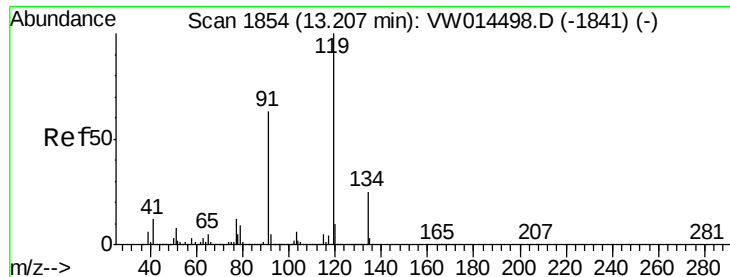
Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	91	Resp:	591553
Ion Ratio	Lower	Upper	
91	100		
126	33.7	17.1	51.2





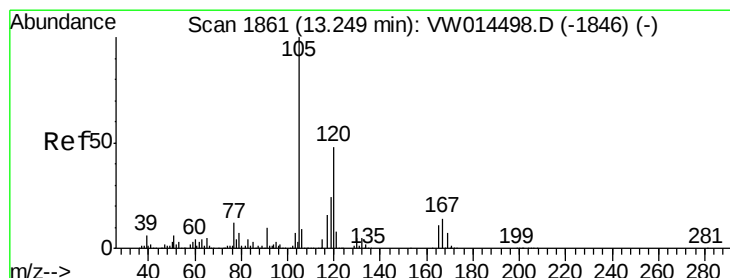
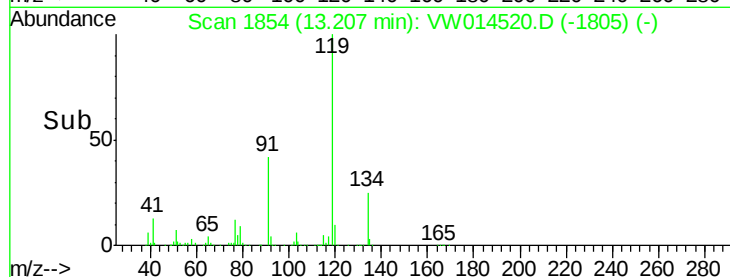
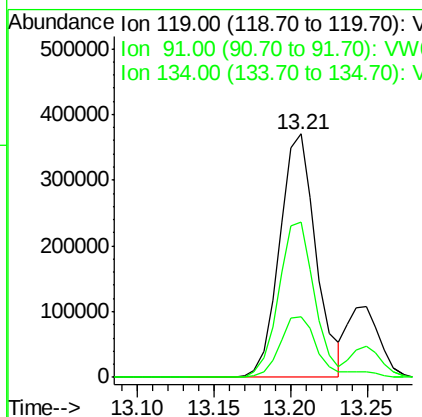
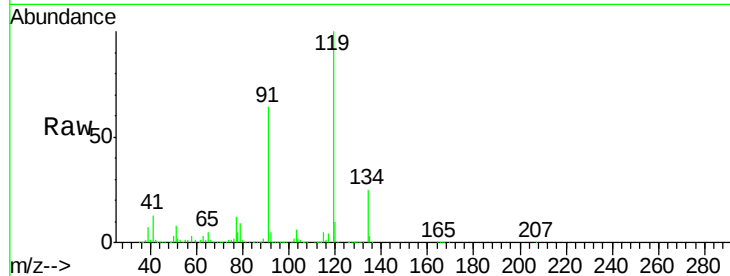
#83
tert-Butylbenzene
Concen: 19.783 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	62.6	31.1	93.3
134	25.2	13.5	40.5

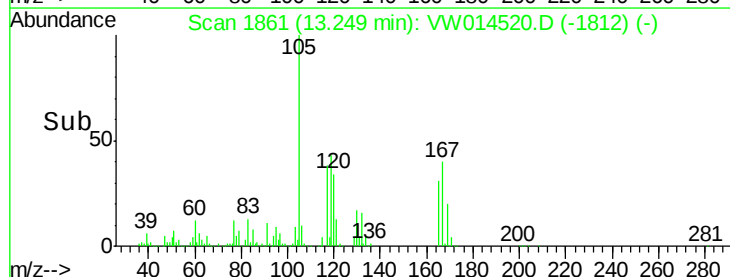
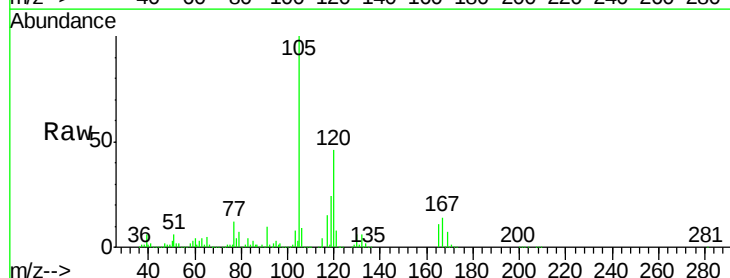
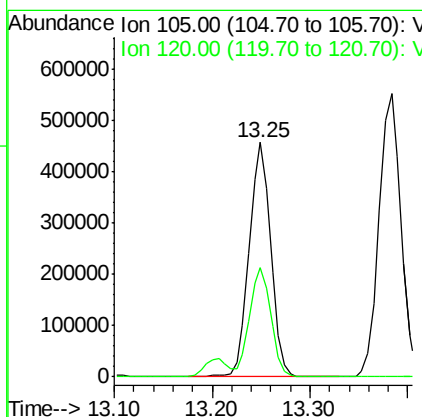
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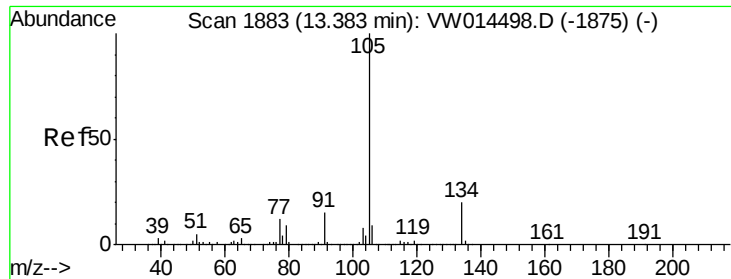
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#84
1,2,4-Trimethylbenzene
Concen: 20.074 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0





#85

sec-Butylbenzene

Concen: 20.120 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

ClientSampleId :

VW0106SBS01

Tgt Ion:105 Resp: 856924

Ion Ratio Lower Upper

105 100

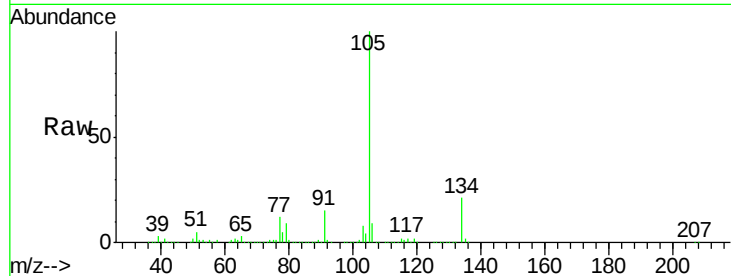
134 20.5 10.2 30.6

Manual Integrations

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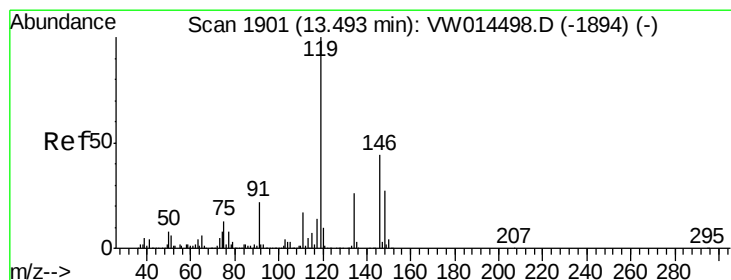
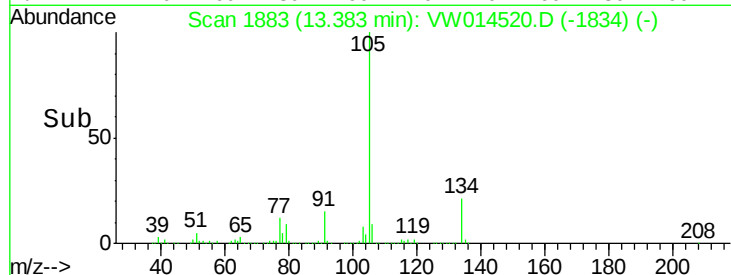
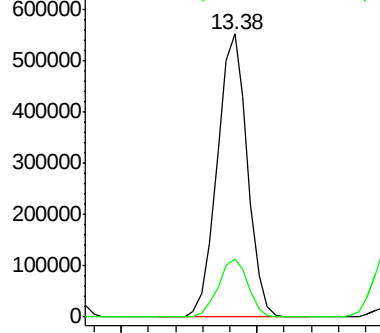
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.118 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.01 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

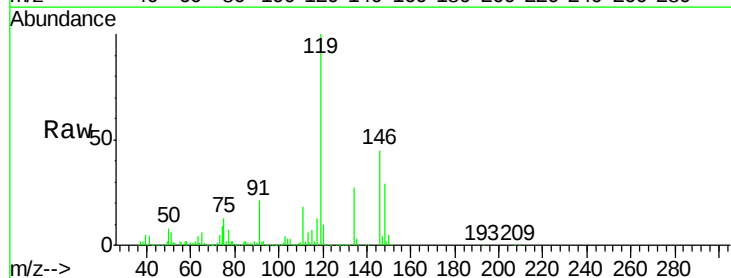
Tgt Ion:119 Resp: 781002

Ion Ratio Lower Upper

119 100

134 25.8 13.2 39.5

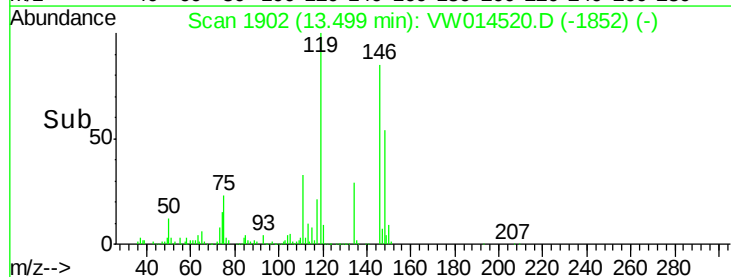
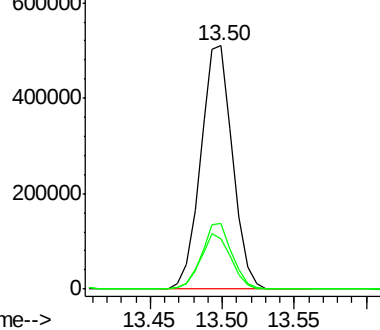
91 22.1 11.1 33.3

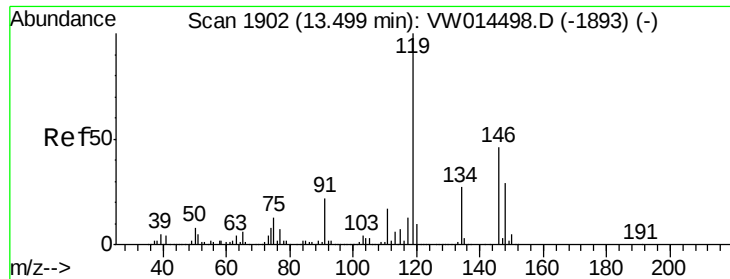


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





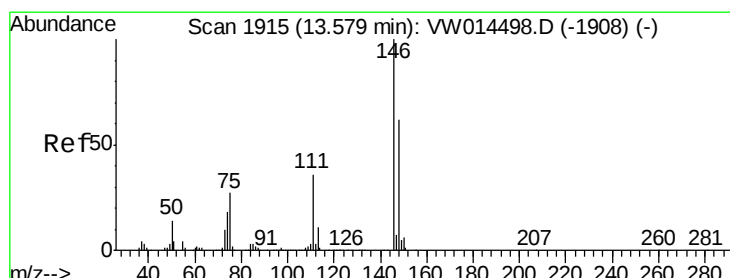
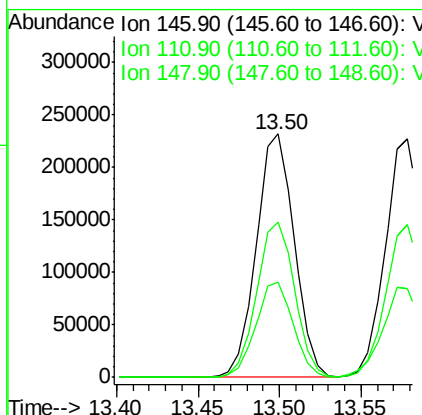
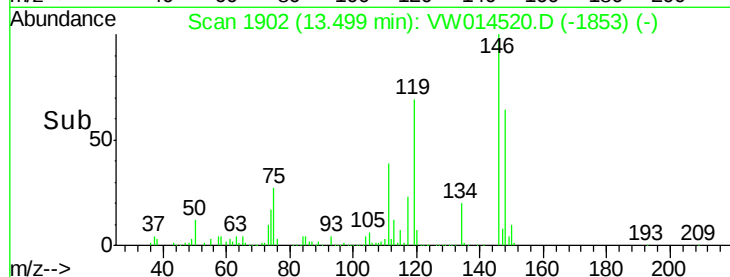
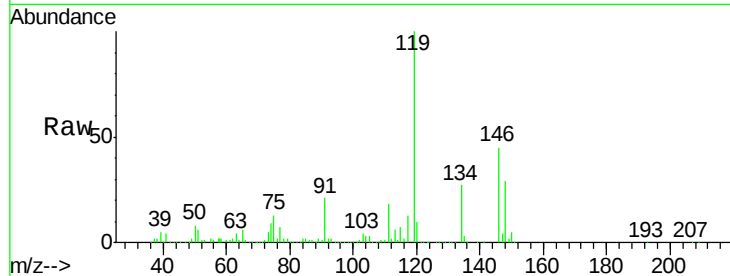
#87
 1,3-Dichlorobenzene
 Concen: 19.862 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.3	57.9
148	63.8	31.8	95.4

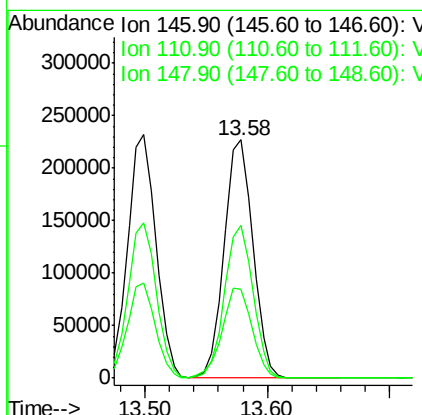
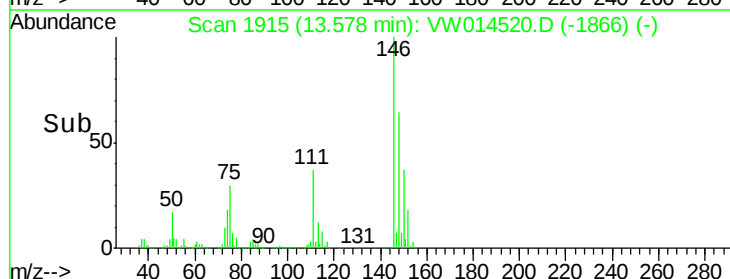
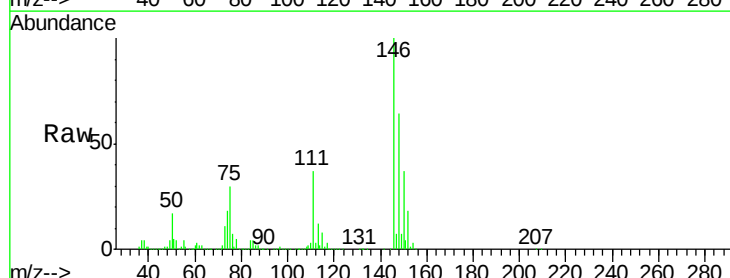
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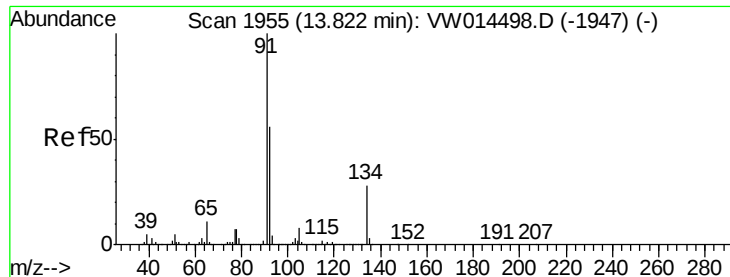
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#88
 1,4-Dichlorobenzene
 Concen: 19.760 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	18.7	56.1
148	63.9	31.7	95.1





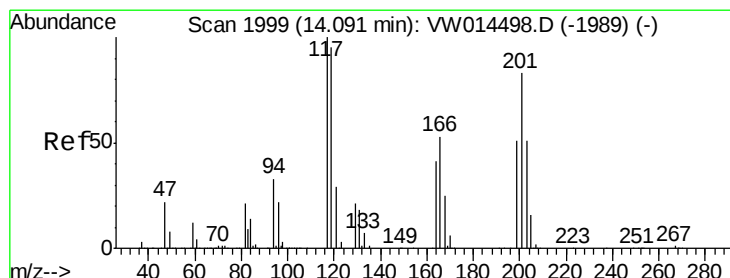
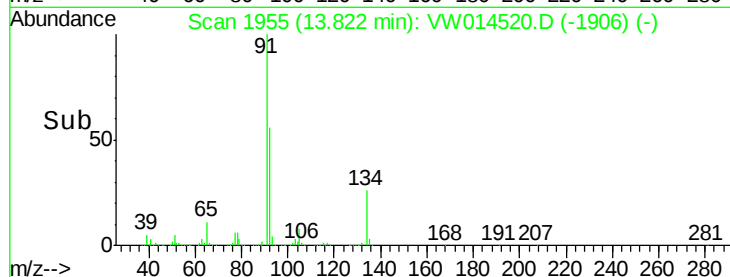
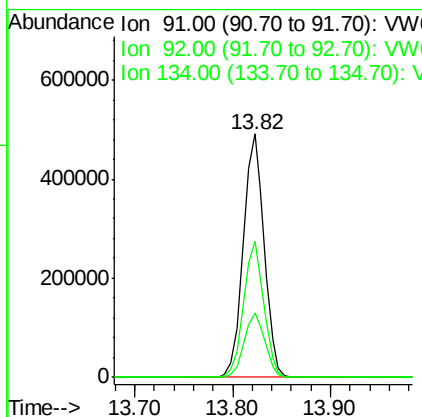
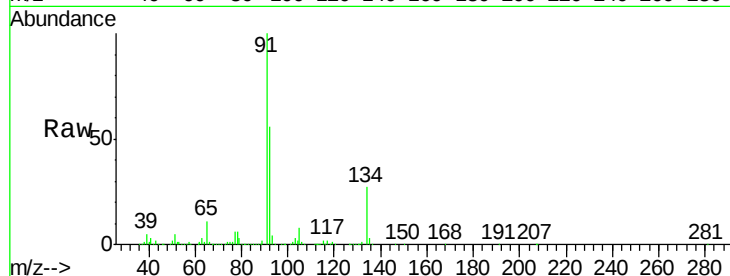
#89
n-Butylbenzene
Concen: 20.063 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Instrument :
MSVOA_W
ClientSampleId :
VW0106SBS01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.5	82.5
134	26.5	13.7	41.1

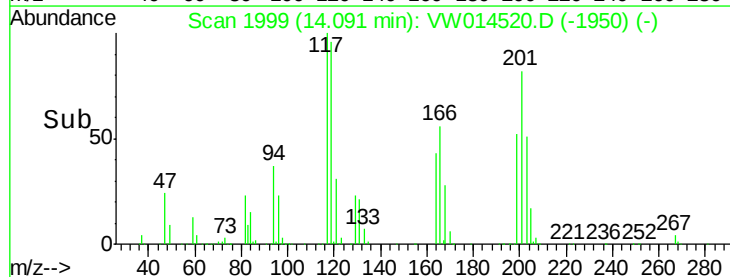
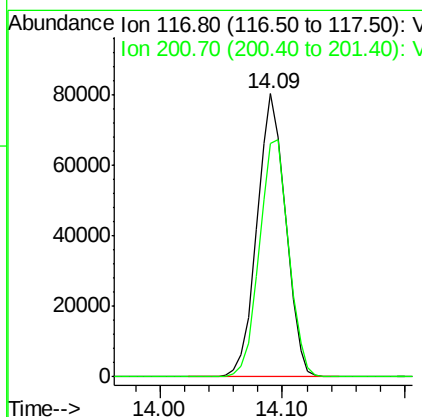
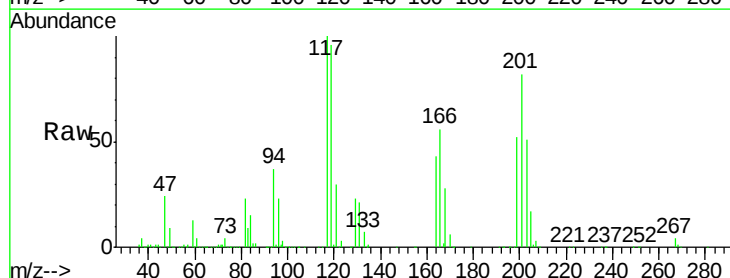
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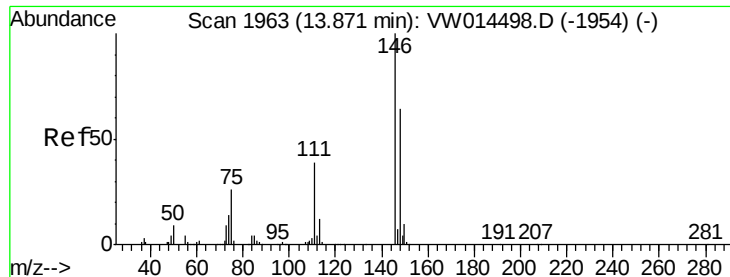
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#90
Hexachloroethane
Concen: 19.365 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW014520.D
Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.4	43.0	128.8





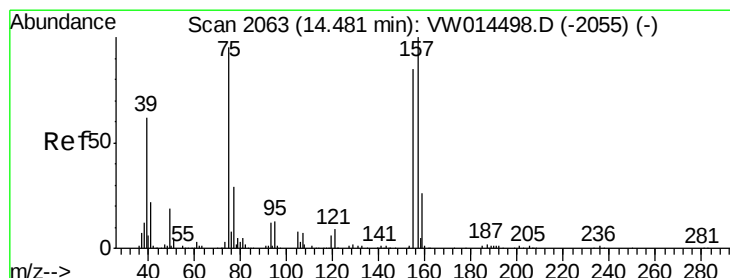
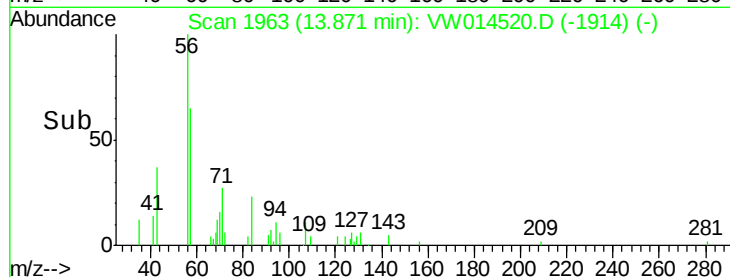
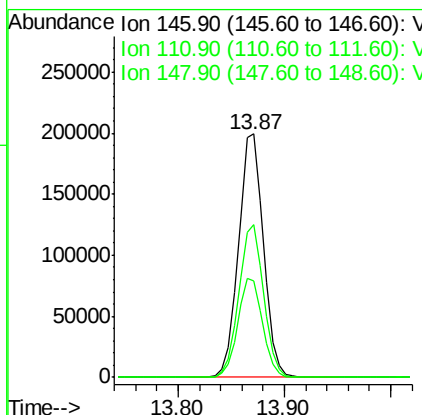
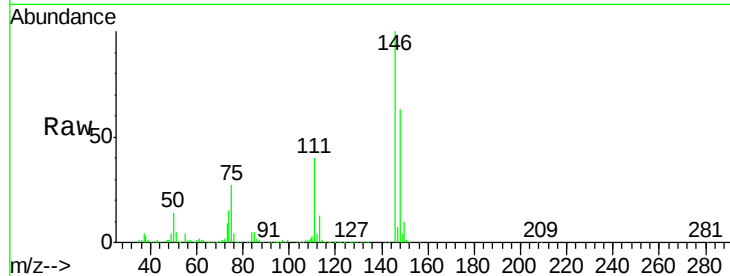
#91
 1,2-Dichlorobenzene
 Concen: 19.731 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	327839		
111	40.4	20.4	61.3	
148	62.5	32.3	96.8	

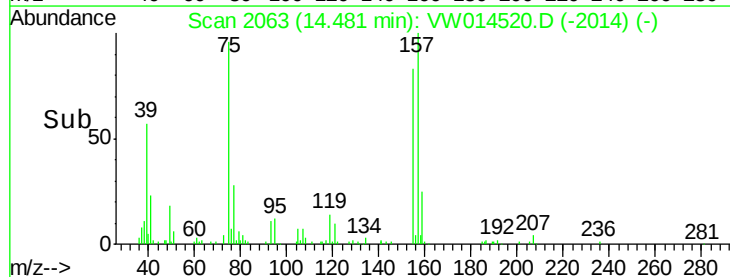
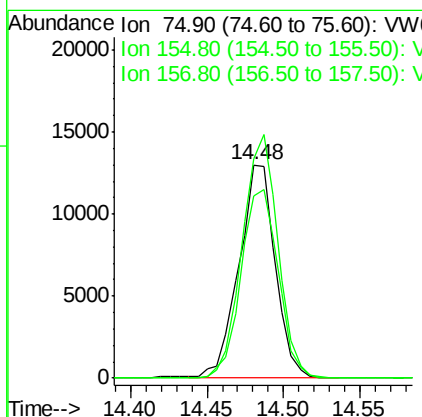
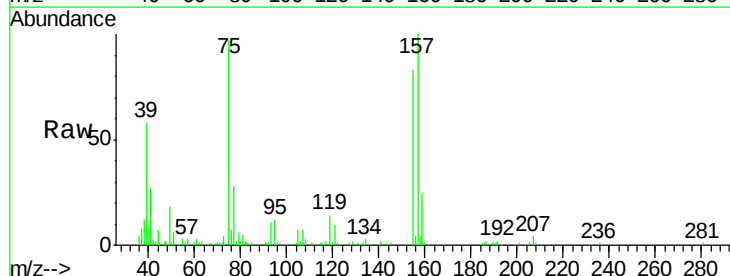
Manual Integrations
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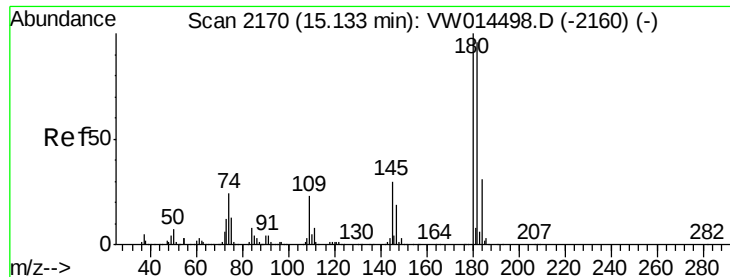
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.906 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	21422		
155	90.7	45.8	137.4	
157	111.9	58.1	174.2	





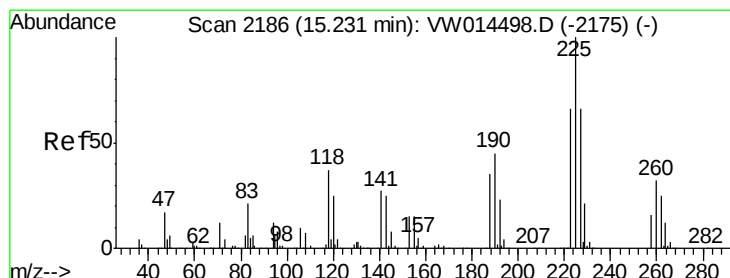
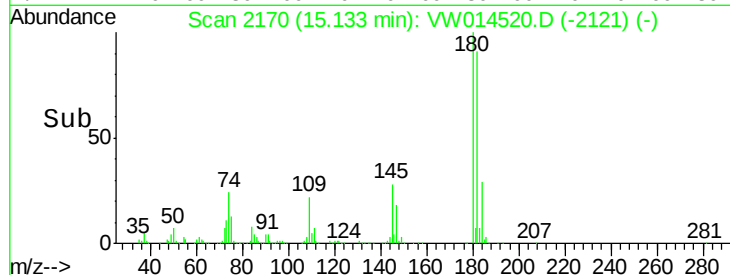
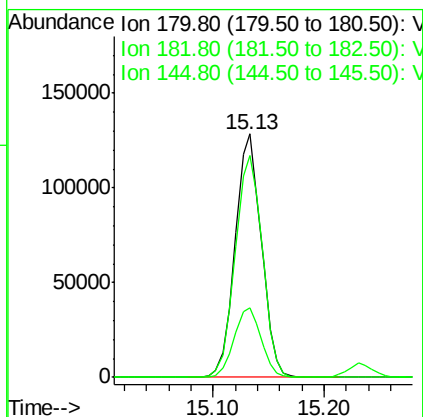
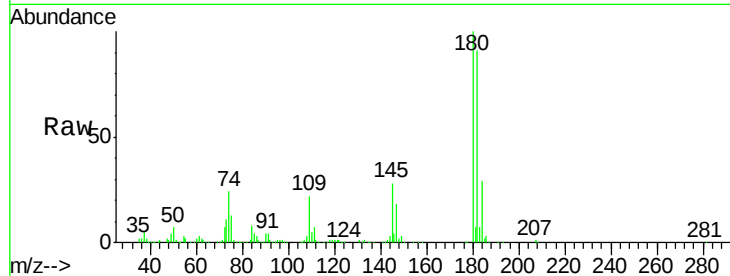
#93
 1,2,4-Trichlorobenzene
 Concen: 18.626 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0106SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	208986		
182	94.5	47.3	141.8	
145	29.4	14.7	44.1	

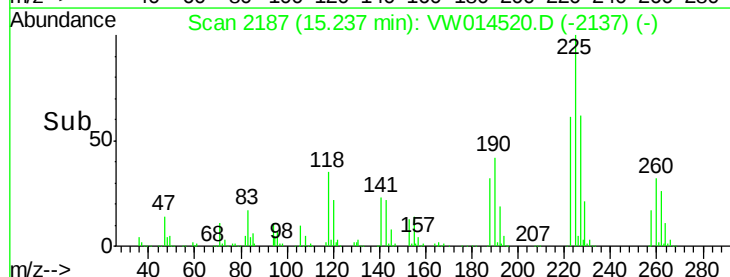
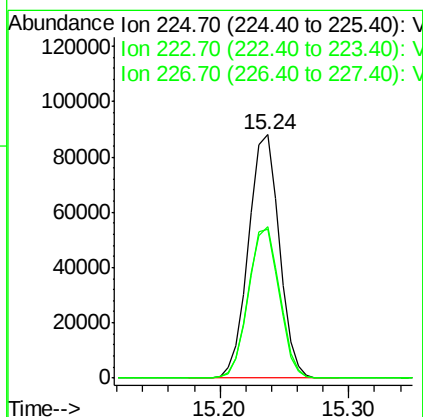
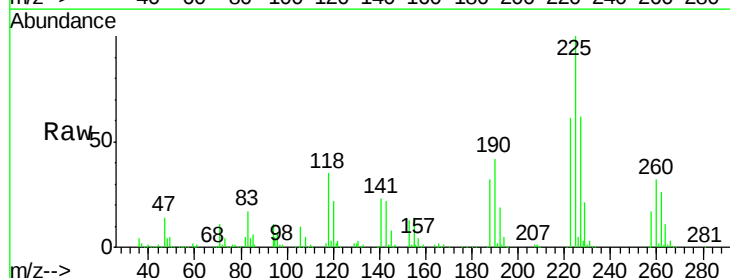
Manual Integrations
 APPROVED

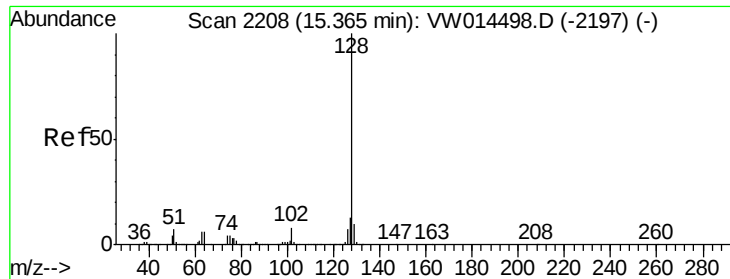
apatel
 1/7/2020 10:27:43 AM



#94
 Hexachlorobutadiene
 Concen: 19.313 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.01 min
 Lab File: VW014520.D
 Acq: 06 Jan 2020 13:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	145217		
223	61.7	32.4	97.2	
227	63.1	32.6	97.8	





#95

Naphthalene

Concen: 17.193 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Instrument :

MSVOA_W

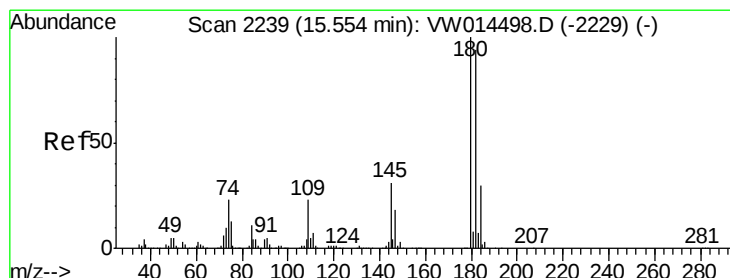
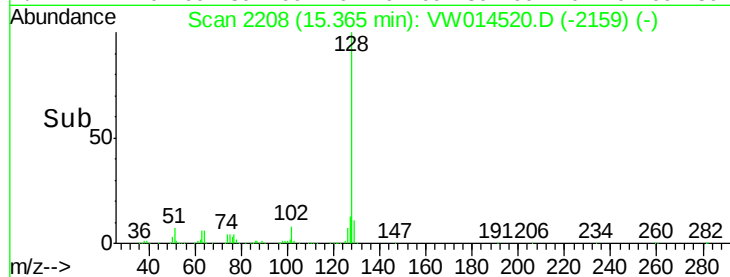
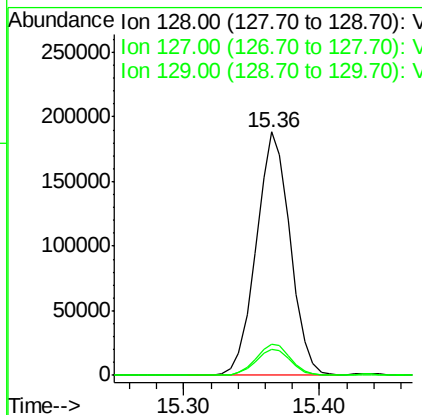
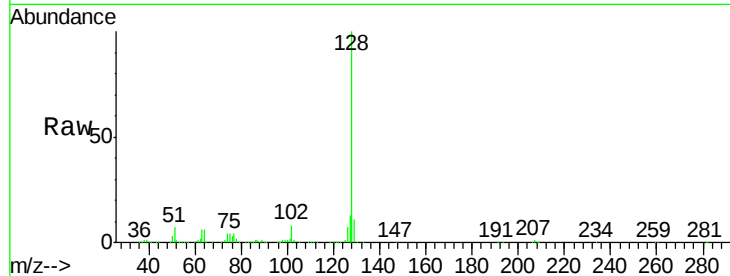
ClientSampleId :

VW0106SBS01

Tgt Ion:	128	Resp:	329002
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	15.8
129	11.1	8.7	13.1

Manual Integrations
APPROVED

apatel
1/7/2020 10:27:43 AM



#96

1,2,3-Trichlorobenzene

Concen: 18.346 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. -0.00 min

Lab File: VW014520.D

Acq: 06 Jan 2020 13:44

Tgt Ion:	180	Resp:	179431
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.4	142.2
145	30.3	15.5	46.5

