

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV101020\
 Data File : VW016859.D
 Acq On : 09 Oct 2020 14:13
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
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 10/12/2020 1:58:43 PM

Quant Time: Oct 10 05:05:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101020S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 04:56:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	397807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	573033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	506532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	263198	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	32867	10.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.32%	
35) Dibromofluoromethane	7.89	113	35553	10.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	20.24%	
50) Toluene-d8	10.33	98	130574	9.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.84%	
62) 4-Bromofluorobenzene	12.62	95	44101	9.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	19.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	25059	11.549	ug/l	97
3) Chloromethane	2.21	50	25888	10.882	ug/l	97
4) Vinyl Chloride	2.37	62	37160	10.801	ug/l	97
5) Bromomethane	2.79	94	28294	10.709	ug/l	99
6) Chloroethane	2.93	64	21853	9.981	ug/l	99
7) Trichlorofluoromethane	3.27	101	25663	10.246	ug/l	90
8) Diethyl Ether	3.69	74	15968	10.207	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	34662	10.278	ug/l	99
10) Methyl Iodide	4.28	142	55991	10.384	ug/l	99
11) Tert butyl alcohol	5.23	59	8026m	46.980	ug/l	
12) 1,1-Dichloroethene	4.04	96	34013	10.217	ug/l	94
13) Acrolein	3.90	56	11049	51.682	ug/l	96
14) Allyl chloride	4.67	41	39855	10.002	ug/l	99
15) Acrylonitrile	5.38	53	26490	50.869	ug/l	100
16) Acetone	4.14	43	26886	51.302	ug/l	94
17) Carbon Disulfide	4.39	76	90717	10.242	ug/l	97
18) Methyl Acetate	4.68	43	12437	10.347	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	37259	10.384	ug/l	96
20) Methylene Chloride	4.93	84	46764	11.261	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	38416	10.279	ug/l	92
22) Diisopropyl ether	6.31	45	75453	10.418	ug/l	95
23) Vinyl Acetate	6.26	43	231373	49.857	ug/l	99
24) 1,1-Dichloroethane	6.22	63	59159	10.301	ug/l	96
25) 2-Butanone	7.18	43	35921	51.414	ug/l	98
26) 2,2-Dichloropropane	7.17	77	37179	10.582	ug/l	97
27) cis-1,2-Dichloroethene	7.18	96	41056	10.257	ug/l	99
28) Bromochloromethane	7.52	49	21670	9.428	ug/l	100
29) Tetrahydrofuran	7.54	42	20119	51.410	ug/l	99
30) Chloroform	7.68	83	64107	10.268	ug/l	100
31) Cyclohexane	7.96	56	52503	10.718	ug/l #	87
32) 1,1,1-Trichloroethane	7.88	97	54414	10.333	ug/l	98
36) 1,1-Dichloropropene	8.09	75	51731	10.440	ug/l	98
37) Ethyl Acetate	7.26	43	17829	11.016	ug/l	100
38) Carbon Tetrachloride	8.07	117	53487	10.384	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	57054	10.100	ug/l	96
40) Benzene	8.33	78	144280	10.453	ug/l	100
41) Methacrylonitrile	7.48	41	9292	13.380	ug/l	98
42) 1,2-Dichloroethane	8.40	62	38696	10.249	ug/l	100
43) Isopropyl Acetate	8.43	43	30932	9.976	ug/l	98
44) Trichloroethene	9.10	130	44072	10.316	ug/l	99
45) 1,2-Dichloropropane	9.37	63	32569	10.347	ug/l	99
46) Dibromomethane	9.46	93	18574	10.317	ug/l	98
47) Bromodichloromethane	9.65	83	44756	9.998	ug/l	94
48) Methyl methacrylate	9.44	41	14339	10.036	ug/l	99
49) 1,4-Dioxane	9.49	88	4129	199.382	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	81761	52.125	ug/l	97
52) Toluene	10.39	92	92387	10.125	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	39268	9.636	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	48567	9.757	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	26410	10.306	ug/l	99
56) Ethyl methacrylate	10.65	69	26783	9.607	ug/l	96
57) 1,3-Dichloropropane	10.94	76	43751	10.319	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	77417	50.113	ug/l	98
59) 2-Hexanone	10.98	43	51748	49.862	ug/l	98
60) Dibromochloromethane	11.13	129	30938	9.843	ug/l	98
61) 1,2-Dibromoethane	11.24	107	25975	10.235	ug/l	97
64) Tetrachloroethene	10.87	164	39138	10.845	ug/l	93
65) Chlorobenzene	11.66	112	102910	10.358	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	35476	10.097	ug/l	99
67) Ethyl Benzene	11.73	91	178065	10.285	ug/l	97
68) m/p-Xylenes	11.84	106	136959	20.340	ug/l	99
69) o-Xylene	12.17	106	62886	10.177	ug/l	99
70) Styrene	12.18	104	102167	9.935	ug/l	98
71) Bromoform	12.35	173	17214	9.759	ug/l #	94
73) Isopropylbenzene	12.47	105	174083	9.951	ug/l	99
74) N-amyl acetate	12.27	43	27580	9.815	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	28474	10.374	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	20566m	12.112	ug/l	
77) Bromobenzene	12.75	156	43887	10.149	ug/l	99
78) n-propylbenzene	12.80	91	203912	10.107	ug/l	99
79) 2-Chlorotoluene	12.90	91	116622	10.133	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	147104	10.034	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	6601	9.035	ug/l	93
82) 4-Chlorotoluene	12.99	91	122645	10.323	ug/l	98
83) tert-Butylbenzene	13.21	119	125222	9.834	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	146359	10.019	ug/l	99
85) sec-Butylbenzene	13.38	105	178910	10.094	ug/l	99
86) p-Isopropyltoluene	13.50	119	166466	10.086	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	84754	10.135	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	83831	10.173	ug/l	96
89) n-Butylbenzene	13.82	91	146778	9.872	ug/l	99
90) Hexachloroethane	14.10	117	24405	9.583	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	74268	10.293	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4249	10.108	ug/l	96

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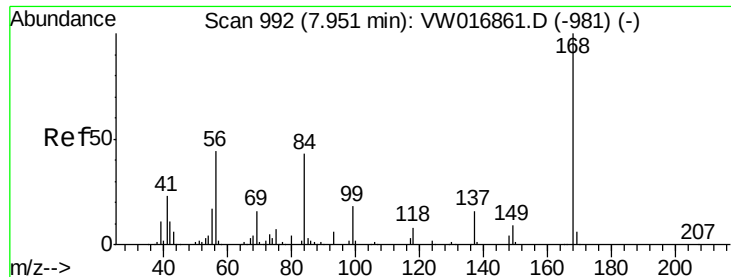
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	48215	9.685	ug/l	98
94) Hexachlorobutadiene	15.24	225	31815	9.858	ug/l	100
95) Naphthalene	15.36	128	73673	9.106	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	42637	9.845	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tot Ion: 168 Resp: 397807

Ion Ratio Lower Upper

168 100

99 49.0 40.7 61.1

Instrument :

MSVOA_W

ClientSampleId :

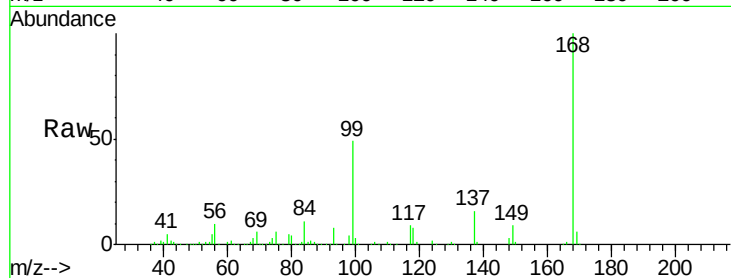
VSTDIC010

Manual Integrations

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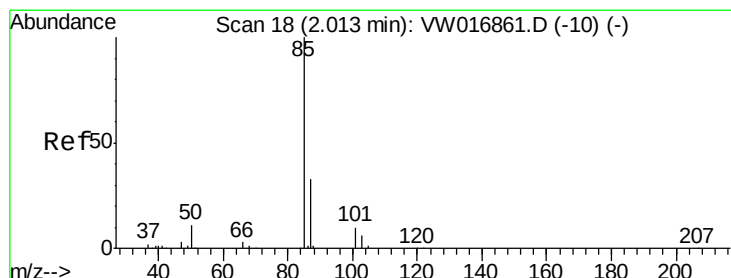
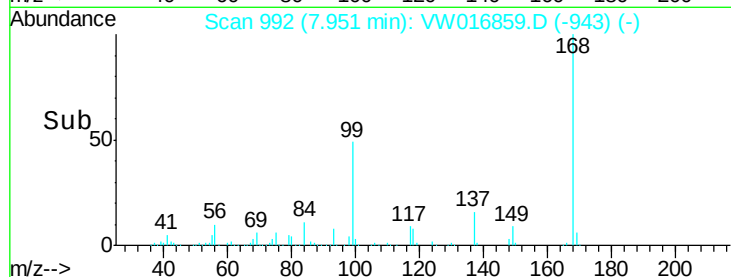
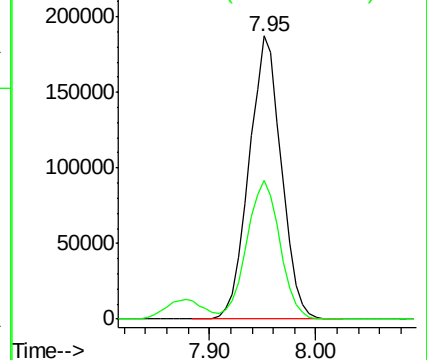
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 11.549 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW016859.D

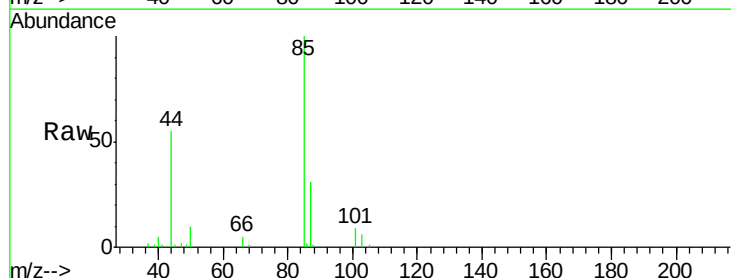
Acq: 09 Oct 2020 14:13

Tgt Ion: 85 Resp: 25059

Ion Ratio Lower Upper

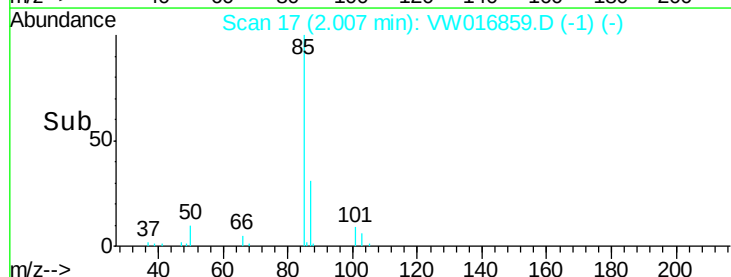
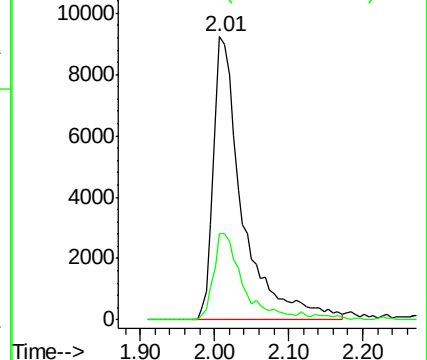
85 100

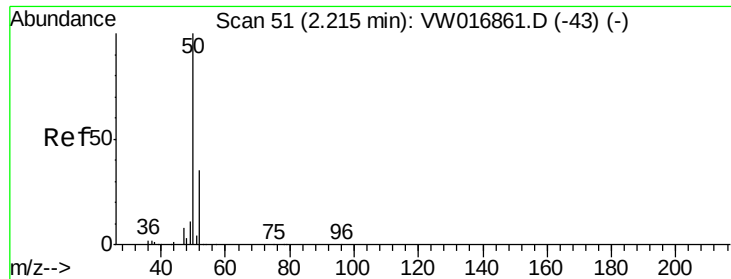
87 30.6 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 10.882 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 25888

Ion Ratio Lower Upper

50 100

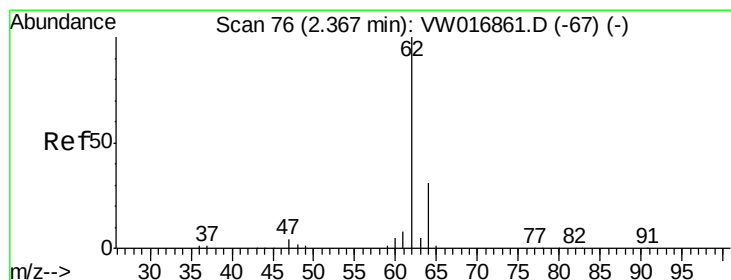
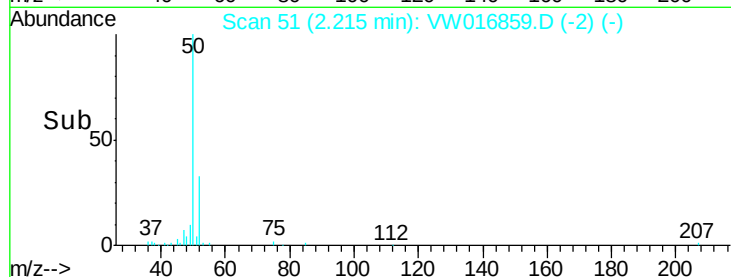
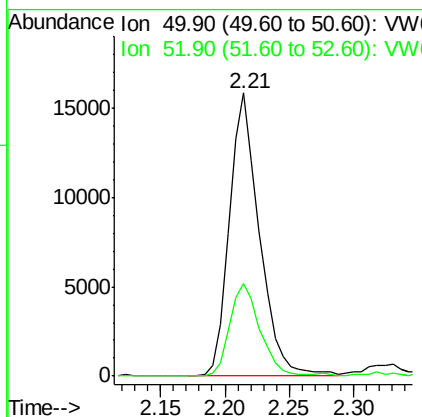
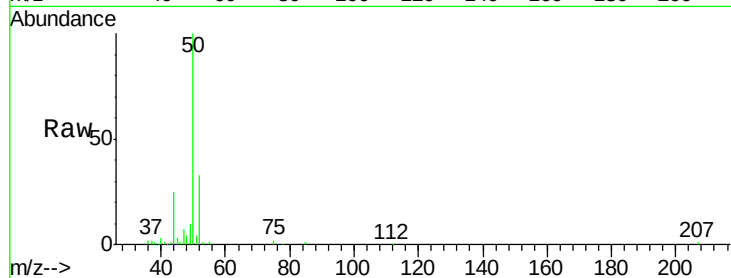
52 32.9 27.6 41.4

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#4

Vinyl Chloride

Concen: 10.801 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW016859.D

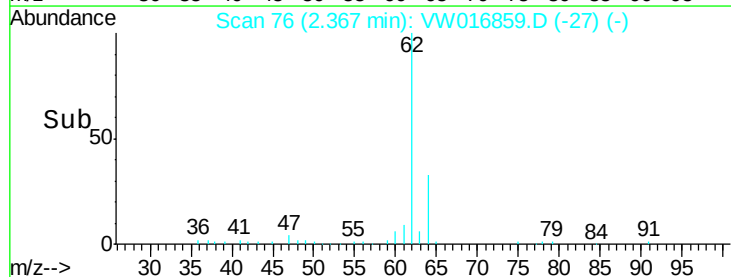
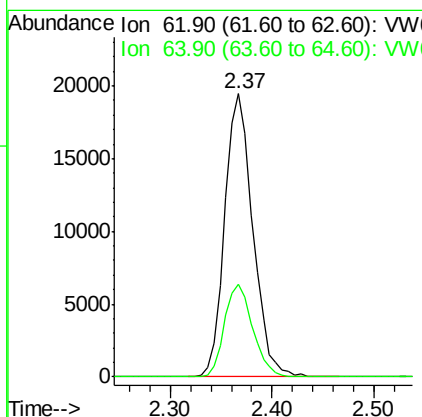
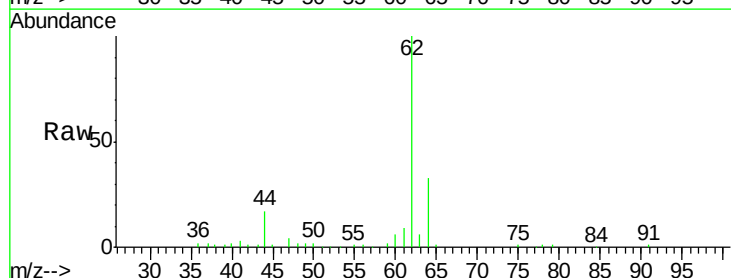
Acq: 09 Oct 2020 14:13

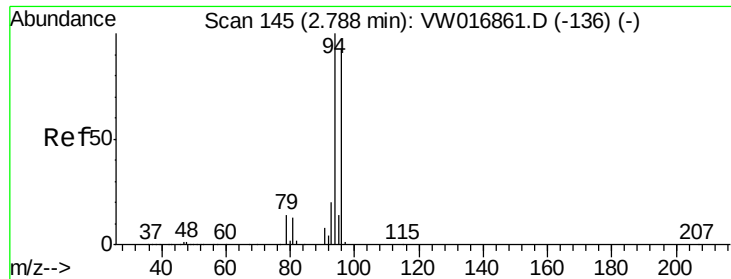
Tgt Ion: 62 Resp: 37160

Ion Ratio Lower Upper

62 100

64 32.8 25.0 37.4





#5

Bromomethane

Concen: 10.709 ug/l

RT: 2.79 min Scan# 145

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 28294

Ion Ratio Lower Upper

94 100

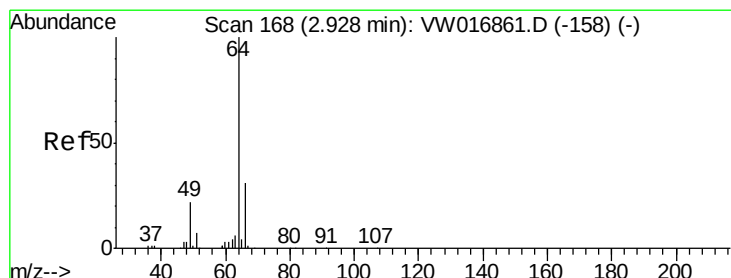
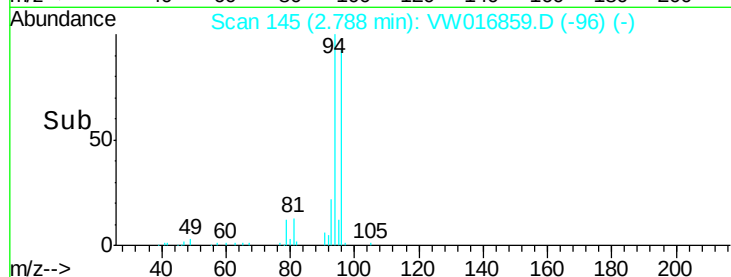
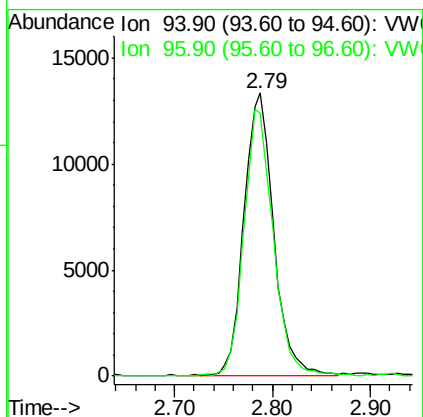
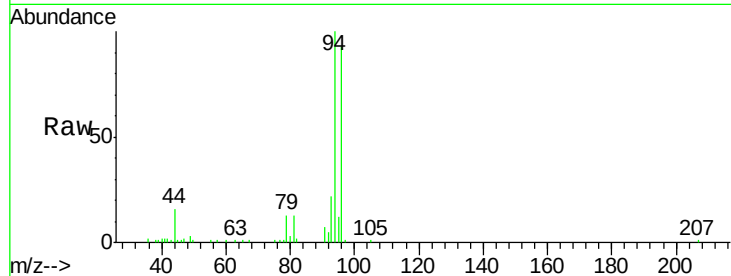
96 92.9 74.7 112.1

Manual Integrations

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#6

Chloroethane

Concen: 9.981 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.00 min

Lab File: VW016859.D

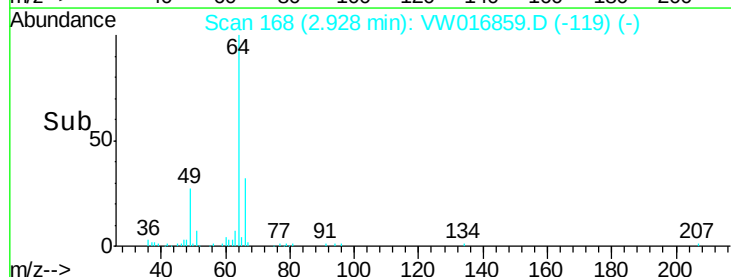
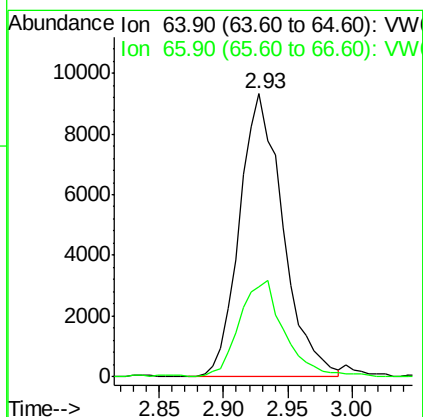
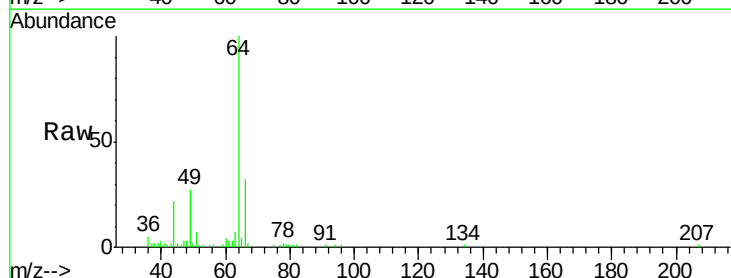
Acq: 09 Oct 2020 14:13

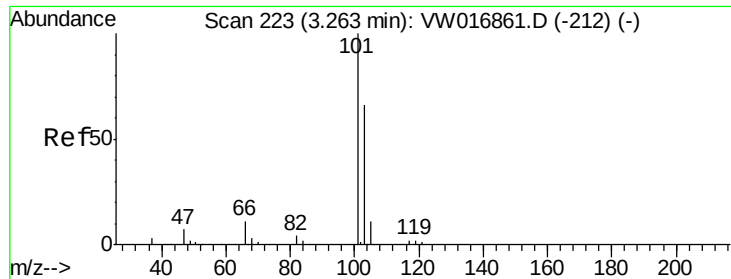
Tgt Ion: 64 Resp: 21853

Ion Ratio Lower Upper

64 100

66 31.7 25.0 37.6





#7

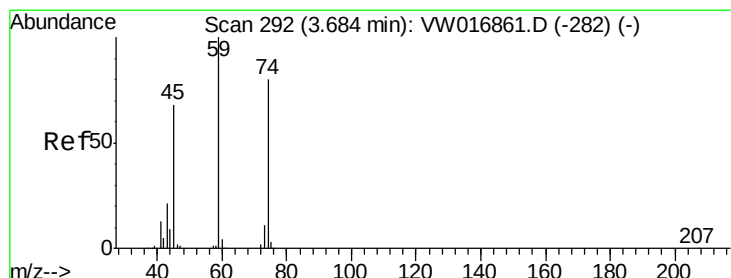
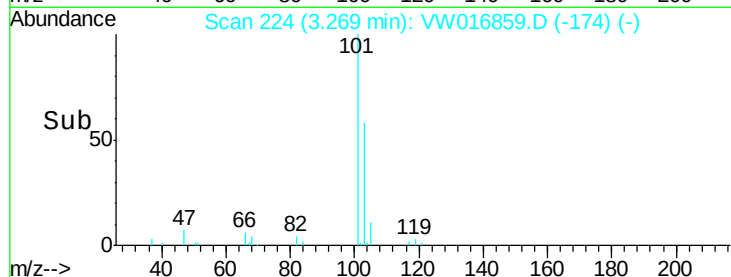
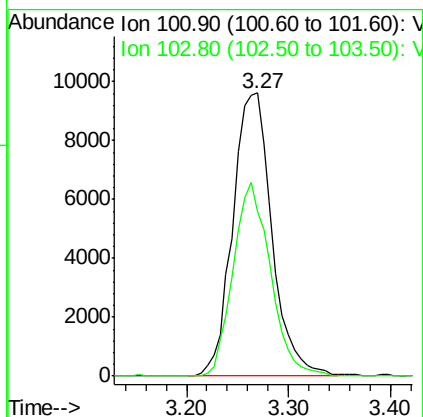
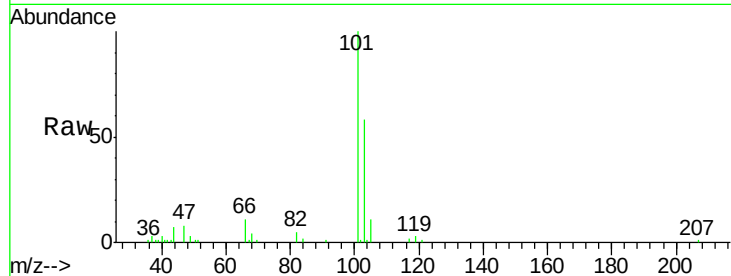
Trichlorofluoromethane
 Concen: 10.246 ug/l
 RT: 3.27 min Scan# 224
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

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 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
101	100		
103	58.2	52.6	79.0

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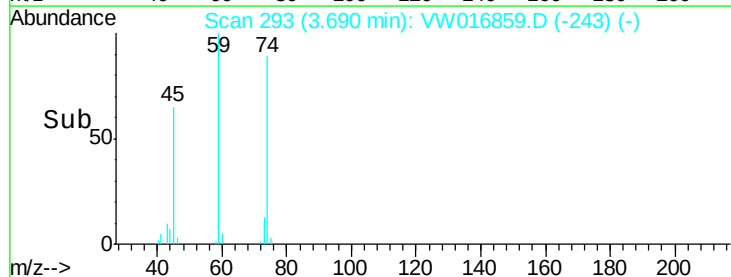
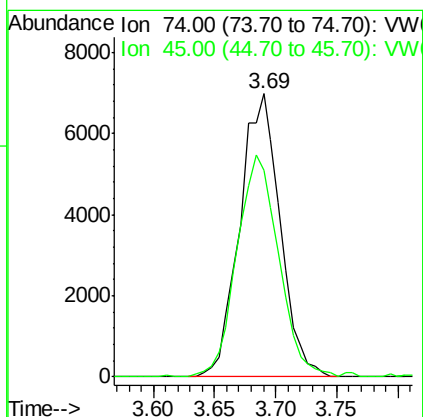
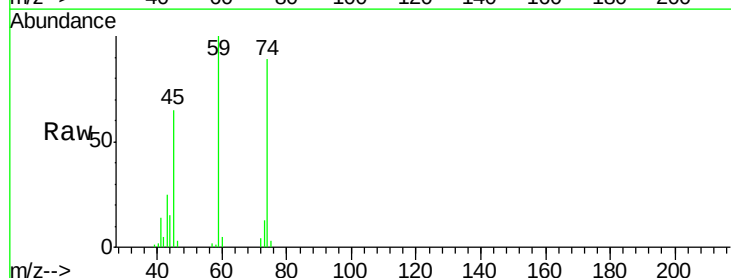
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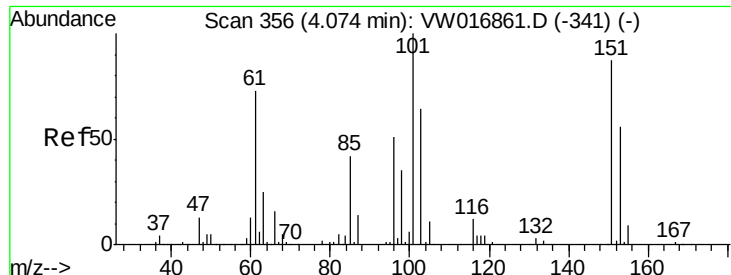


#8

Diethyl Ether
 Concen: 10.207 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	81.1	41.1	123.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 10.278 ug/l

RT: 4.07 min Scan# 356

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

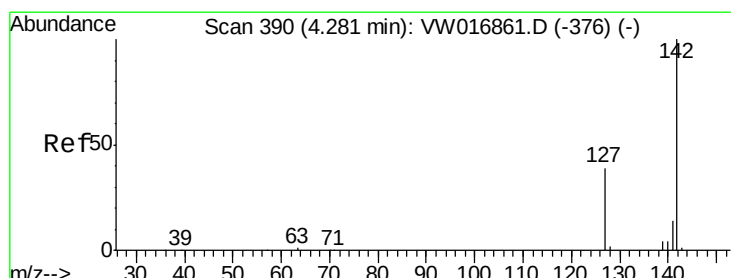
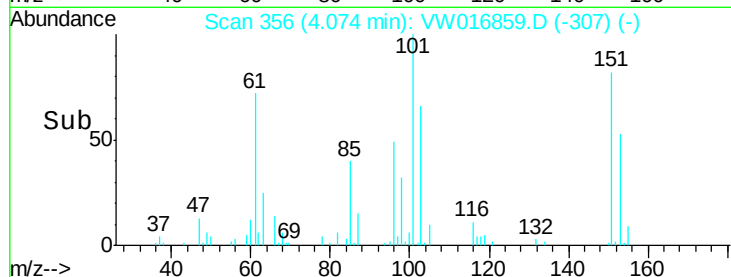
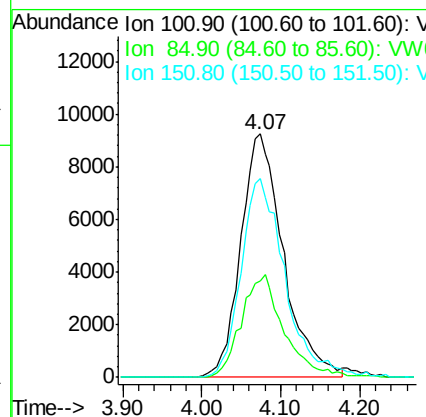
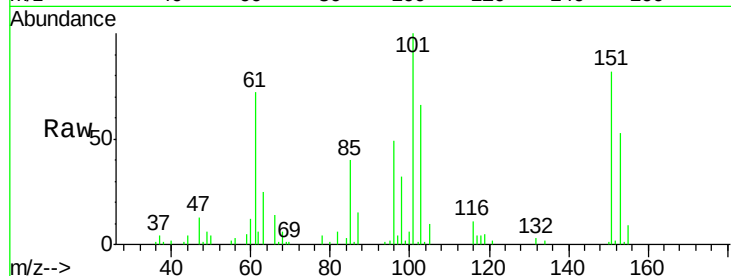
ClientSampleId :

VSTDIC010

Tot Ion:	101	Resp:	34662
Ion	Ratio	Lower	Upper
101	100		
85	42.2	33.2	49.8
151	84.4	66.6	100.0

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#10

Methyl Iodide

Concen: 10.384 ug/l

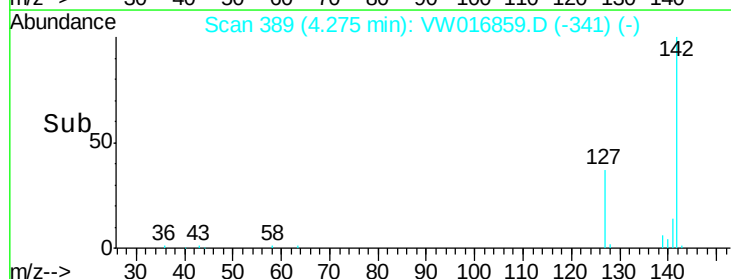
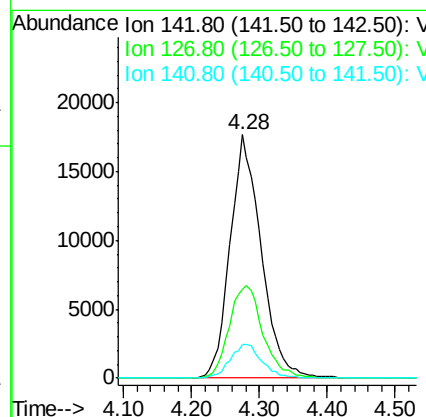
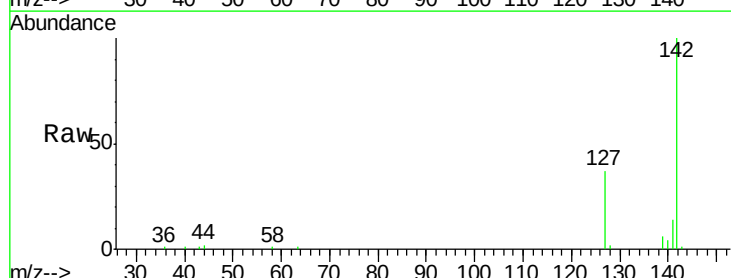
RT: 4.28 min Scan# 389

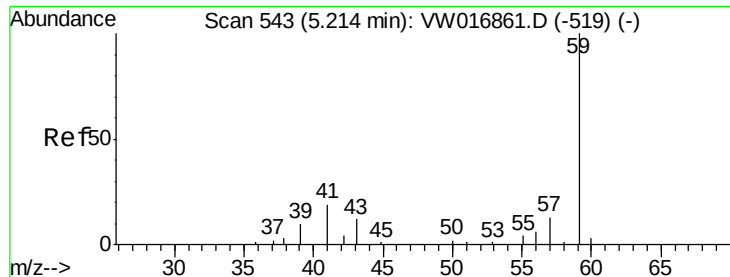
Delta R.T. -0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion:	142	Resp:	55991
Ion	Ratio	Lower	Upper
142	100		
127	41.2	32.4	48.6
141	14.0	11.4	17.0





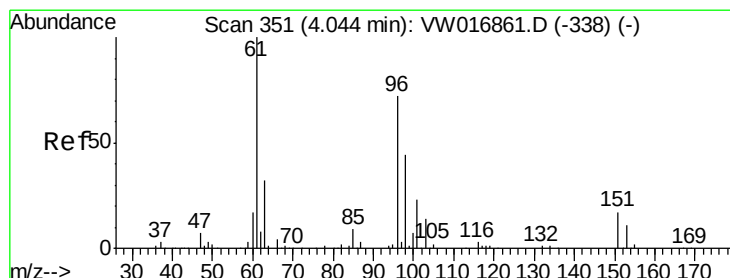
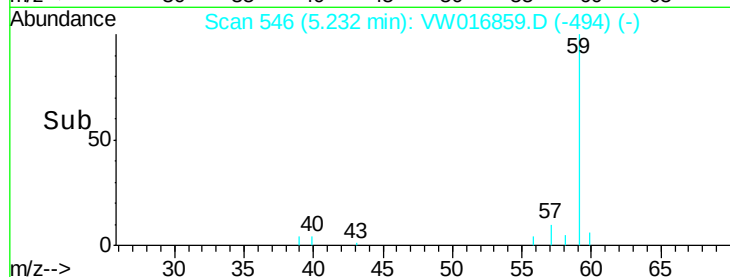
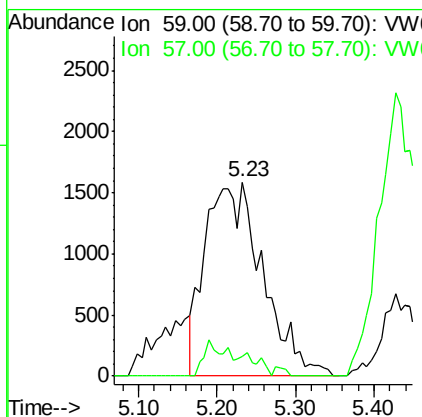
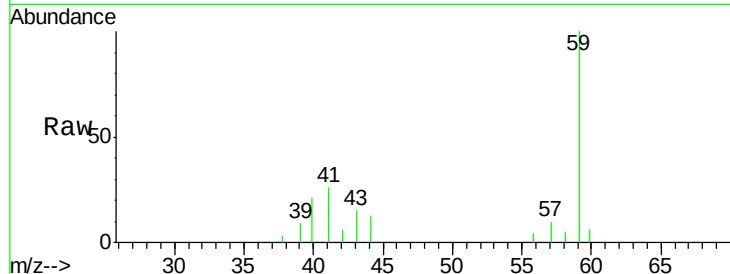
#11
Tert butyl alcohol
Concen: 46.980 ug/l m
RT: 5.23 min Scan# 546
Delta R.T. 0.02 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion: 59 Resp: 8026
Ion Ratio Lower Upper
59 100
57 7.6 4.7 7.1#

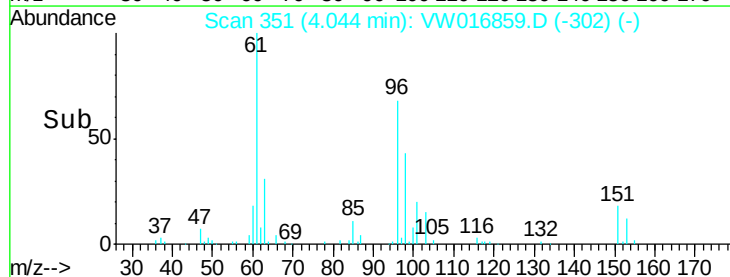
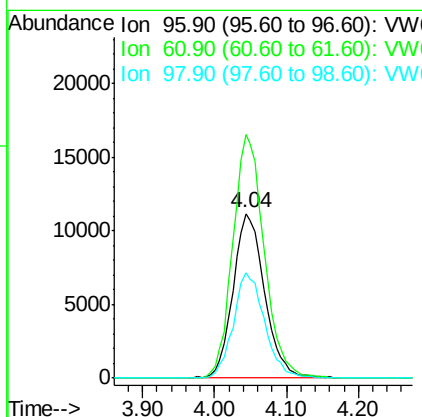
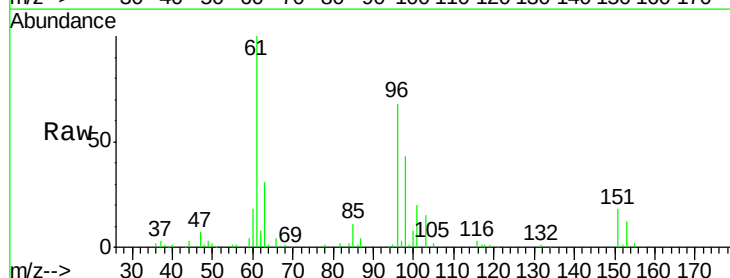
Manual Integrations
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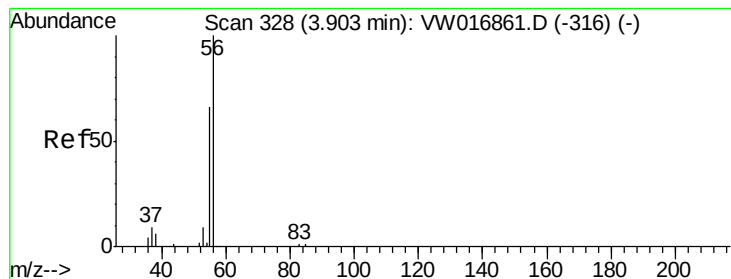
apatel
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#12
1,1-Dichloroethene
Concen: 10.217 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 96 Resp: 34013
Ion Ratio Lower Upper
96 100
61 147.7 111.7 167.5
98 64.0 49.0 73.4





#13

Acrolein

Concen: 51.682 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 11049

Ion Ratio Lower Upper

56 100

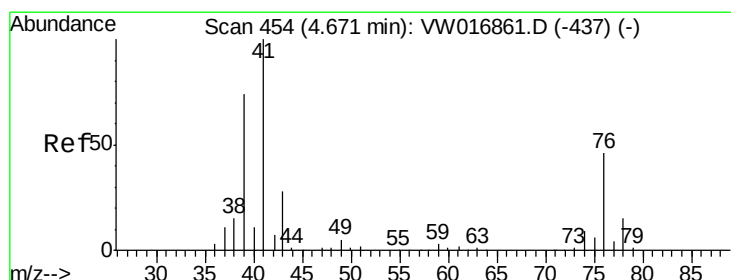
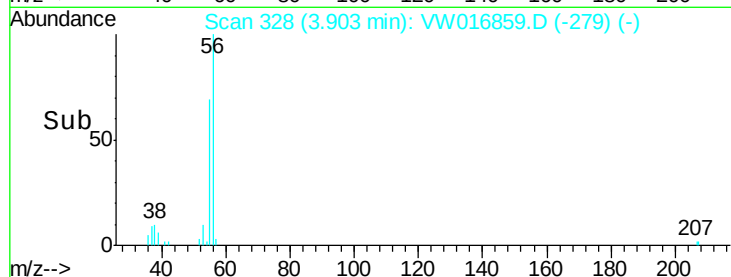
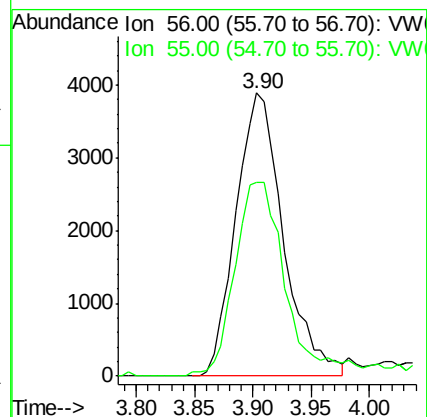
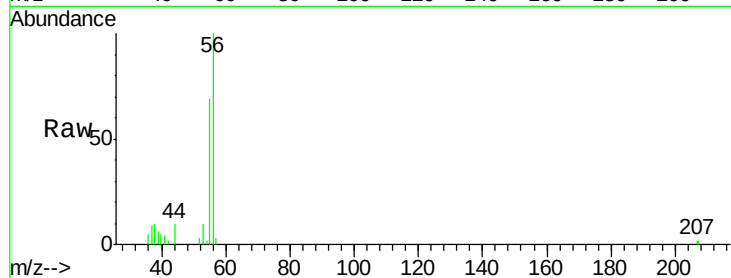
55 73.3 55.9 83.9

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#14

Allyl chloride

Concen: 10.002 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

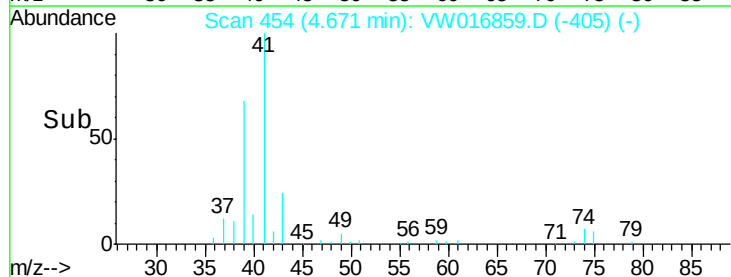
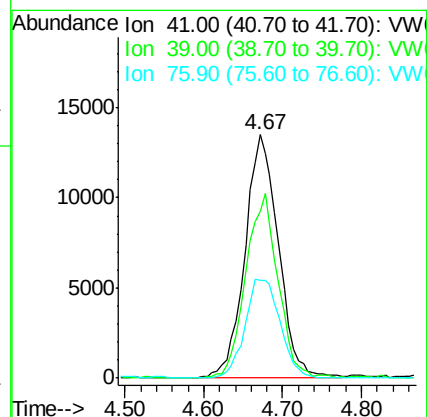
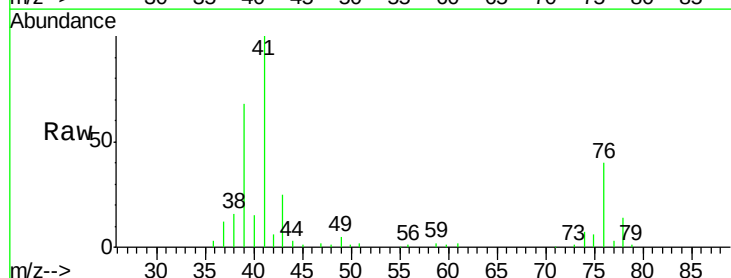
Tgt Ion: 41 Resp: 39855

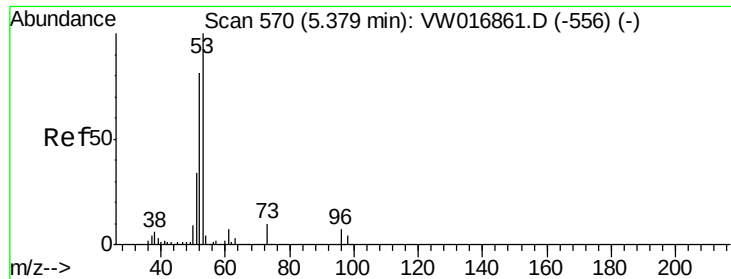
Ion Ratio Lower Upper

41 100

39 73.1 57.8 86.8

76 42.5 35.1 52.7





#15

Acrylonitrile

Concen: 50.869 ug/l

RT: 5.38 min Scan# 571

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

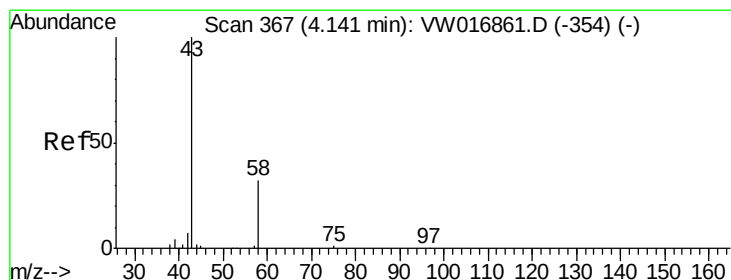
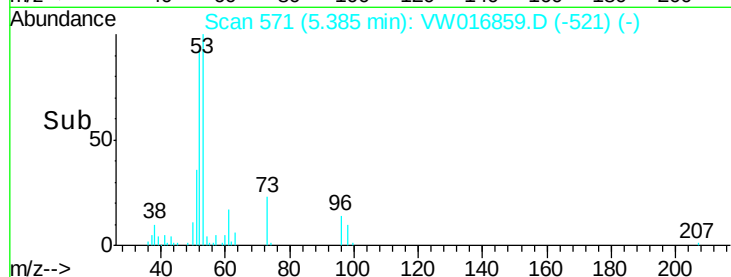
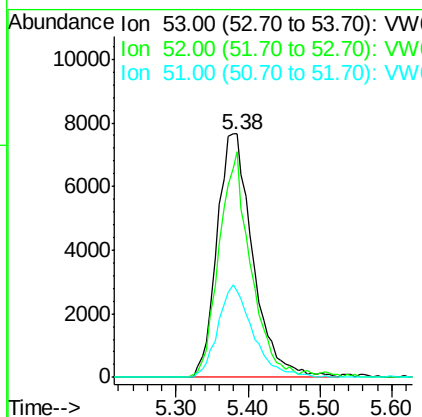
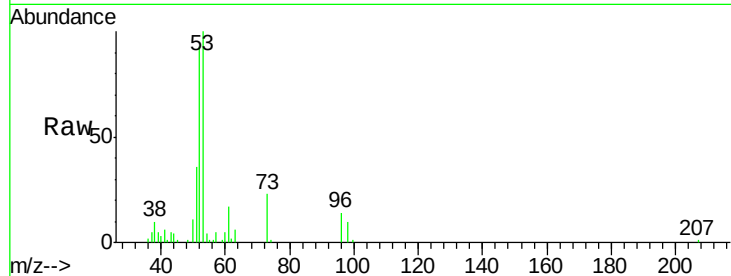
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	26490
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.0	97.4
51	36.8	29.1	43.7

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#16

Acetone

Concen: 51.302 ug/l

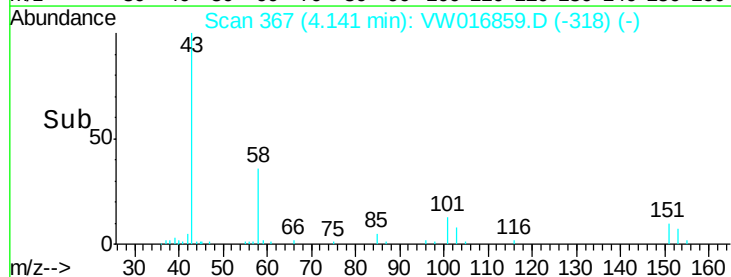
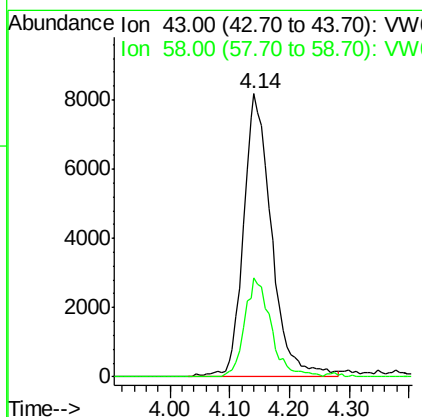
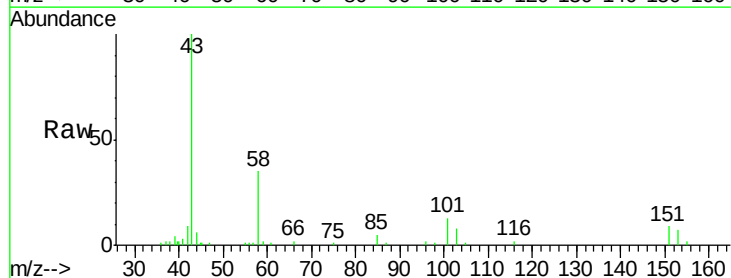
RT: 4.14 min Scan# 367

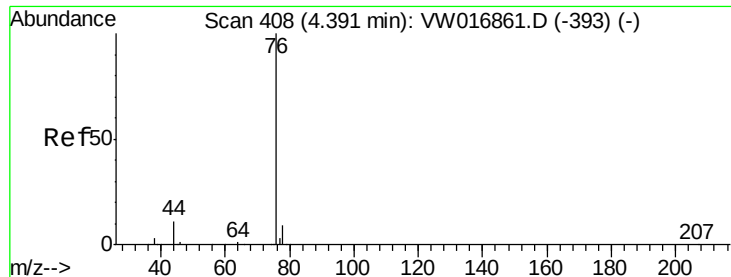
Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion:	43	Resp:	26886
Ion	Ratio	Lower	Upper
43	100		
58	35.2	25.7	38.5





#17

Carbon Disulfide

Concen: 10.242 ug/l

RT: 4.39 min Scan# 408

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 76 Resp: 90717

Ion Ratio Lower Upper

76 100

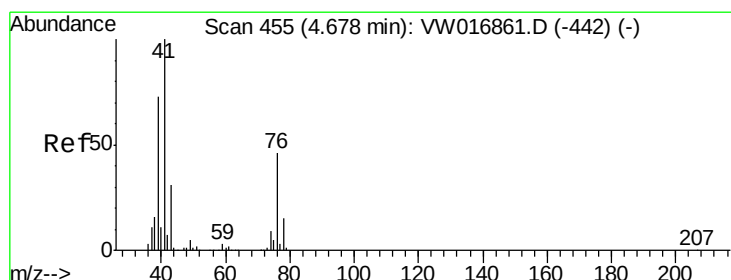
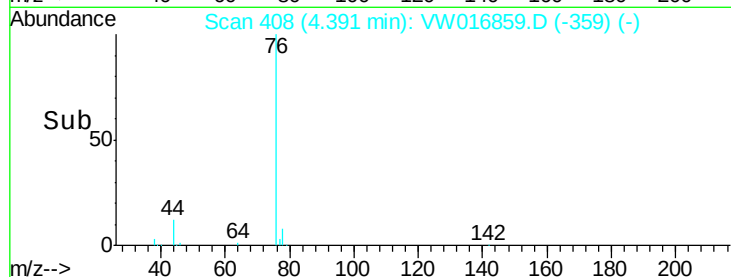
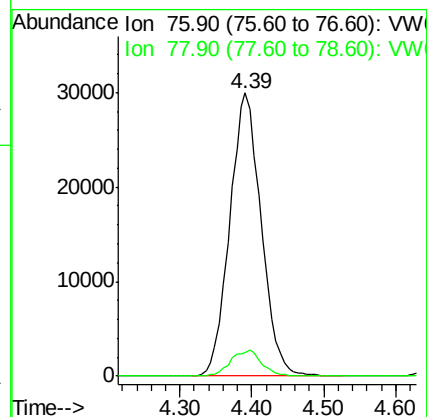
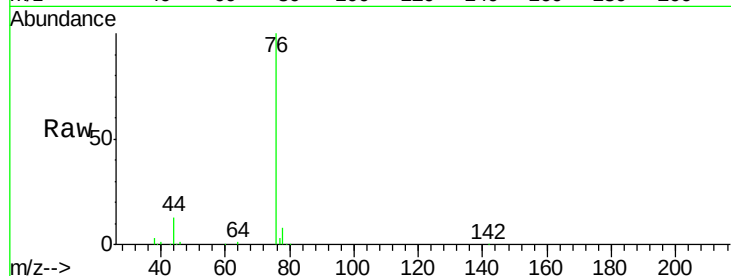
78 8.3 7.4 11.2

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#18

Methyl Acetate

Concen: 10.347 ug/l

RT: 4.68 min Scan# 456

Delta R.T. 0.01 min

Lab File: VW016859.D

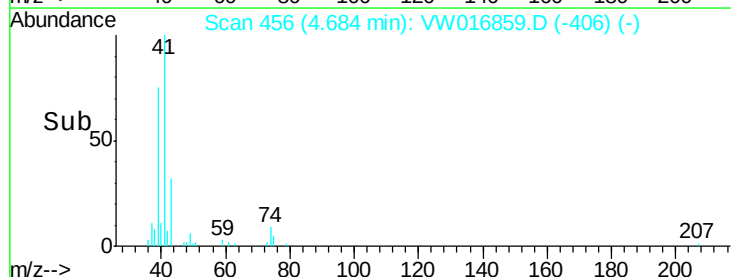
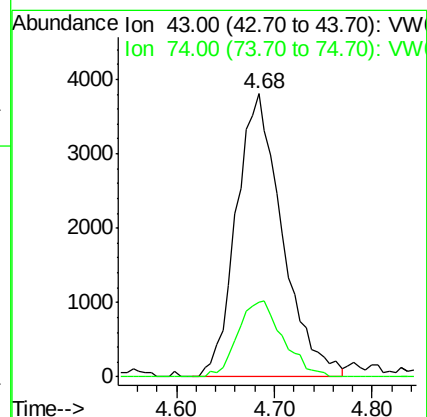
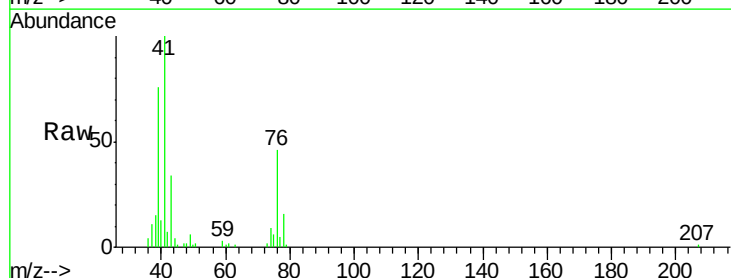
Acq: 09 Oct 2020 14:13

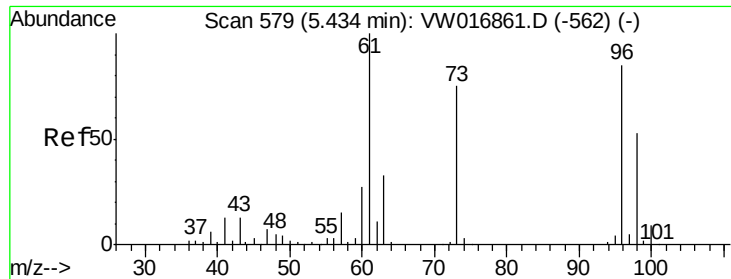
Tgt Ion: 43 Resp: 12437

Ion Ratio Lower Upper

43 100

74 26.3 23.8 35.6





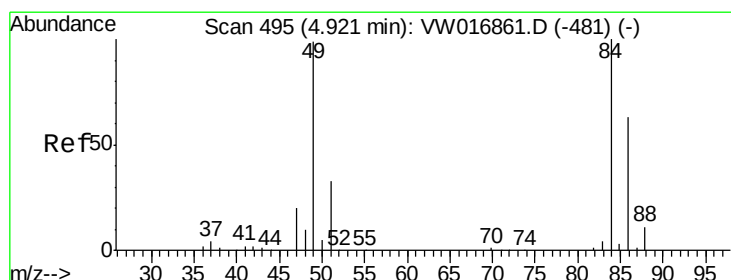
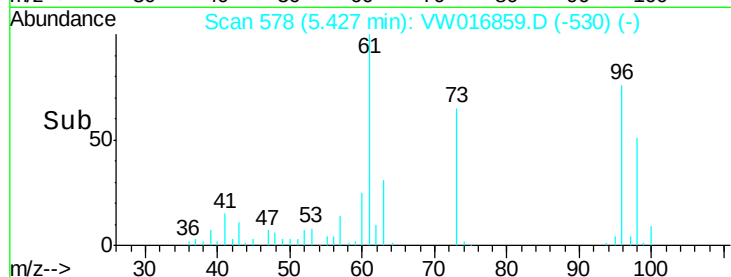
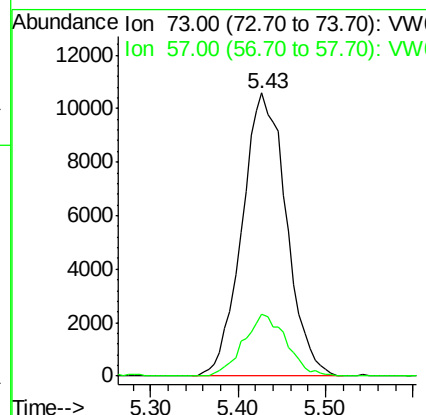
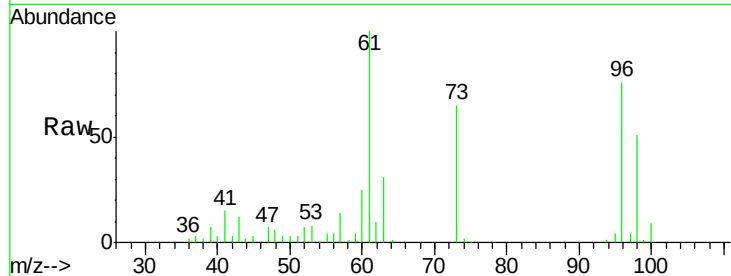
#19
Methyl tert-butyl Ether
Concen: 10.384 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 73 Resp: 37259
Ion Ratio Lower Upper
73 100
57 21.9 16.1 24.1

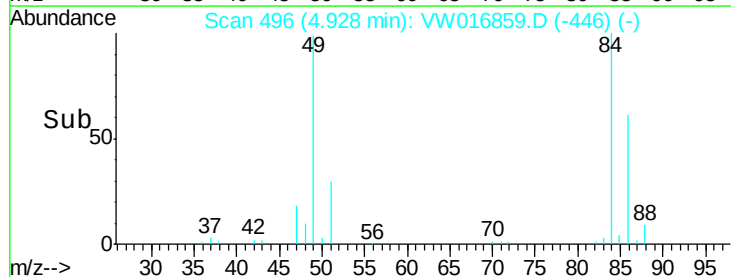
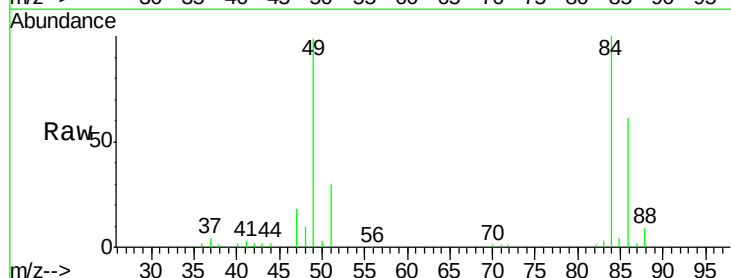
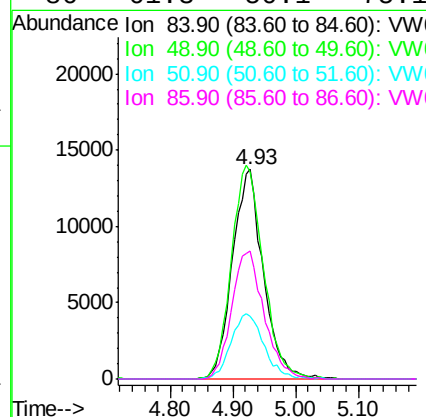
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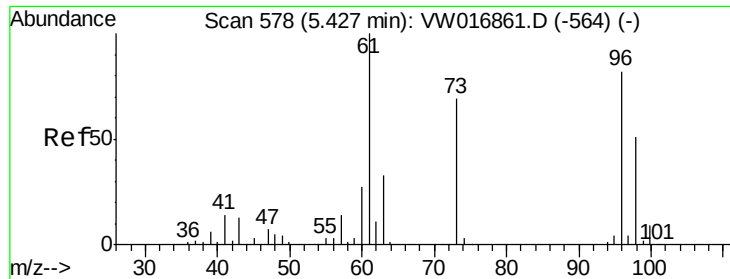
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#20
Methylene Chloride
Concen: 11.261 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 84 Resp: 46764
Ion Ratio Lower Upper
84 100
49 98.9 79.0 118.6
51 29.7 26.1 39.1
86 61.3 50.1 75.1





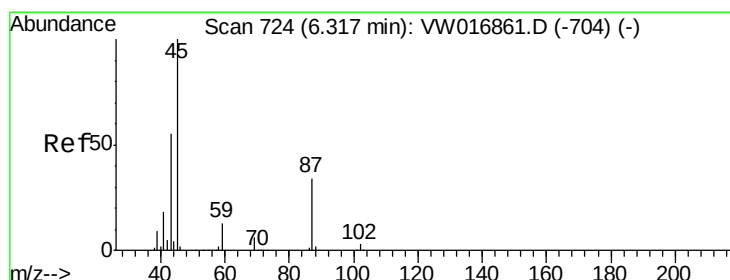
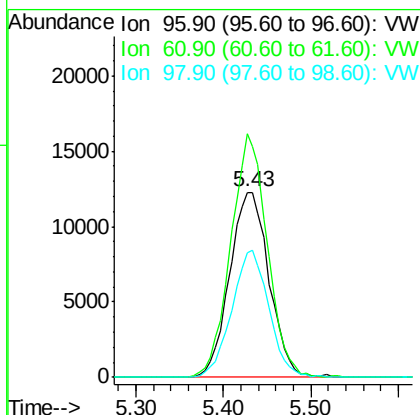
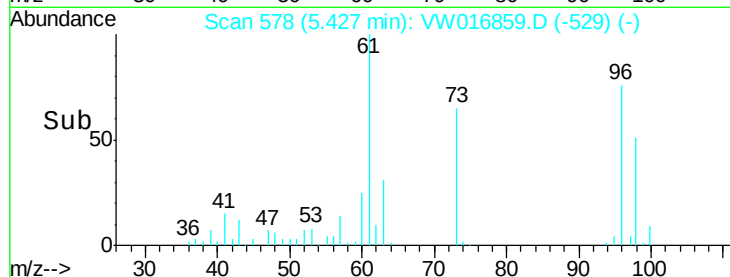
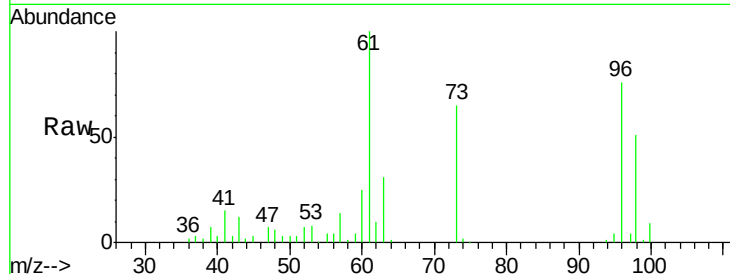
#21
trans-1,2-Dichloroethene
Concen: 10.279 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.4	97.4	146.0
98	67.1	49.4	74.0

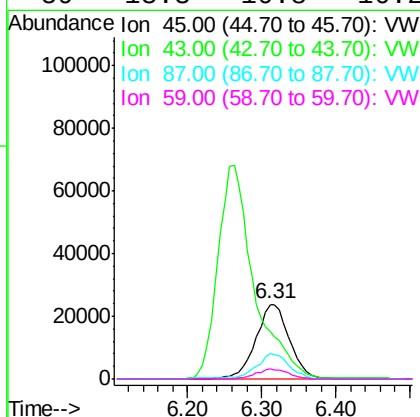
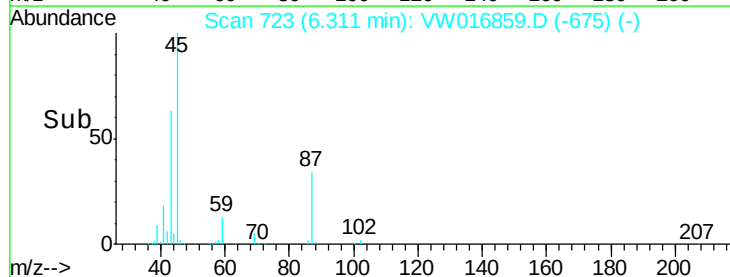
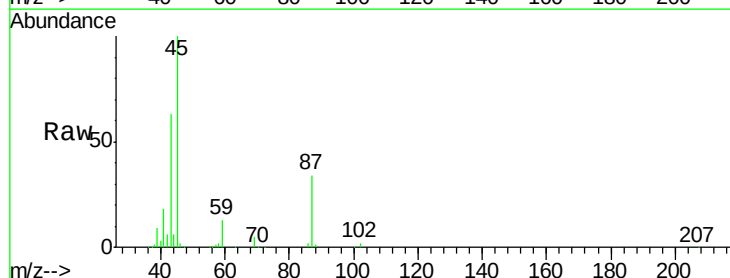
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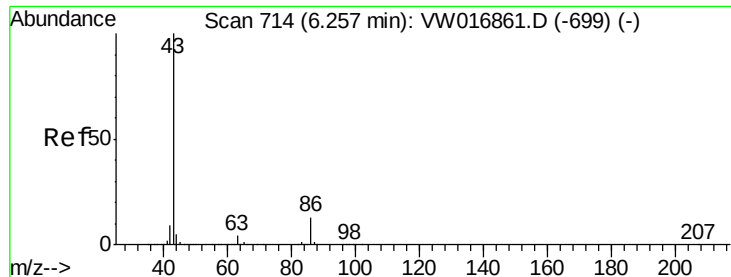
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#22
Diisopropyl ether
Concen: 10.418 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	61.7	43.8	65.8
87	34.1	27.6	41.4
59	13.3	10.8	16.2





#23

Vinyl Acetate

Concen: 49.857 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 231373

Ion Ratio Lower Upper

43 100

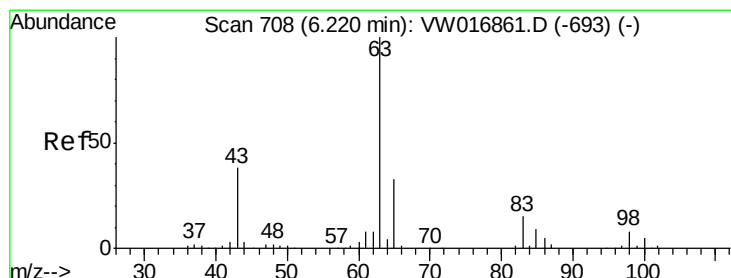
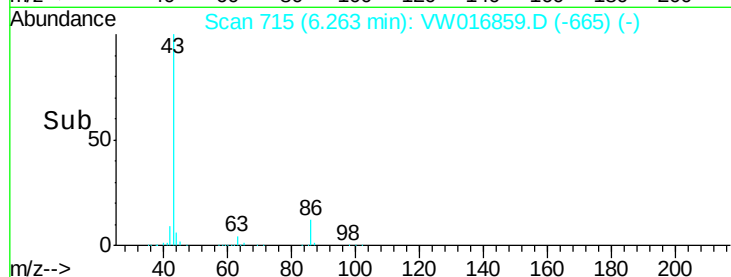
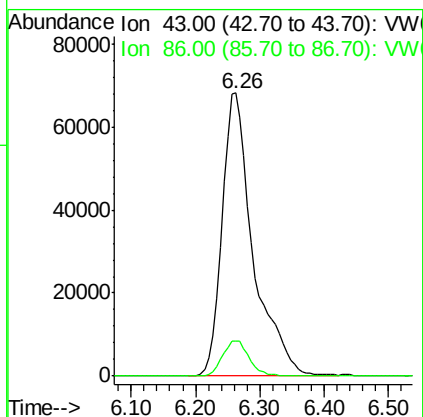
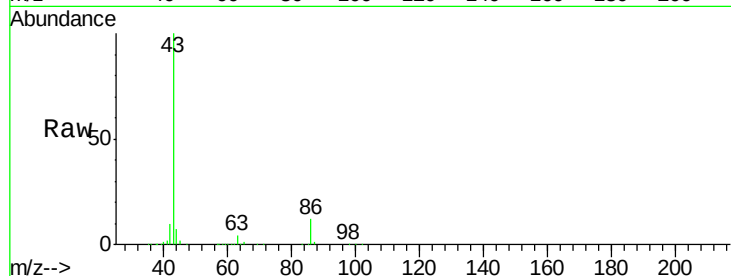
86 12.5 10.2 15.4

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#24

1,1-Dichloroethane

Concen: 10.301 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

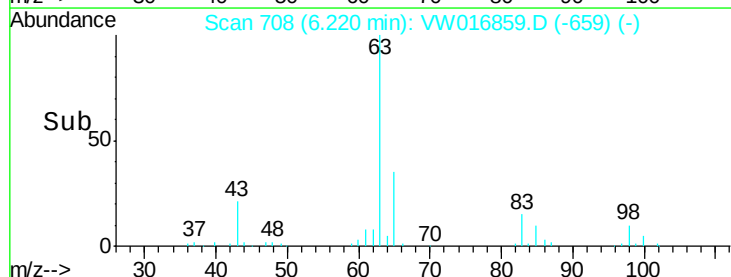
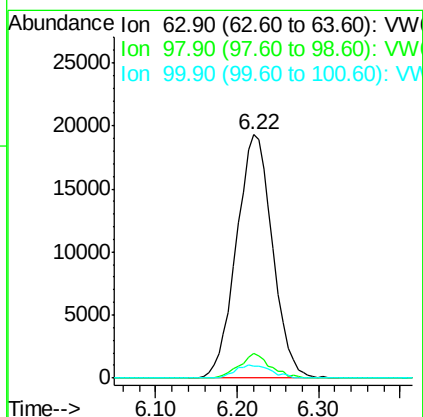
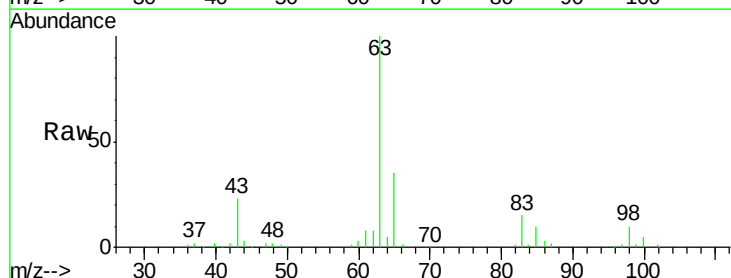
Tgt Ion: 63 Resp: 59159

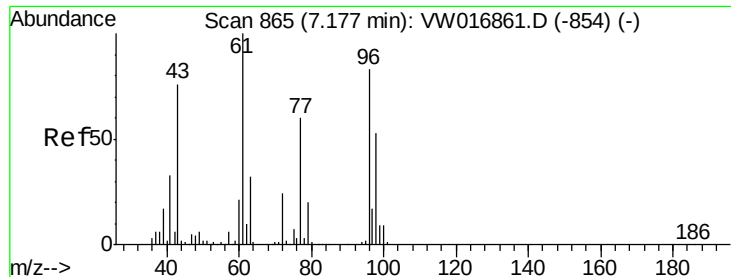
Ion Ratio Lower Upper

63 100

98 10.3 4.2 12.6

100 5.0 2.6 7.8





#25

2-Butanone

Concen: 51.414 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 35921

Ion Ratio Lower Upper

43 100

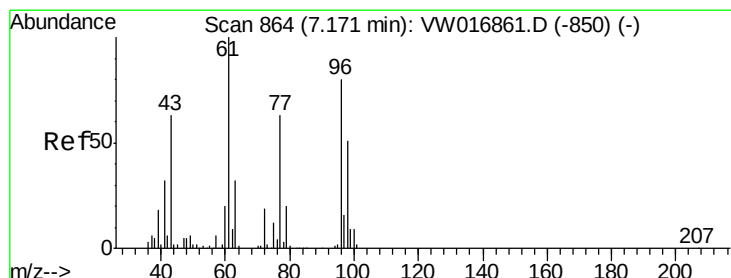
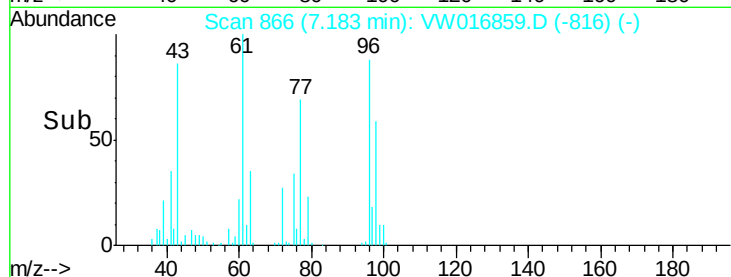
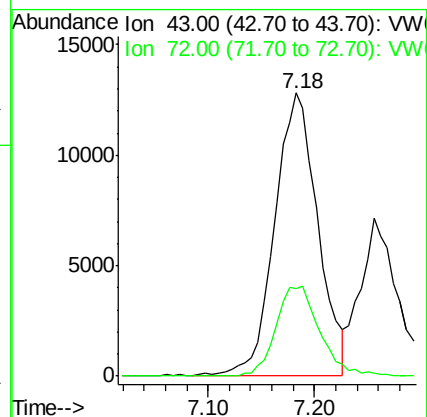
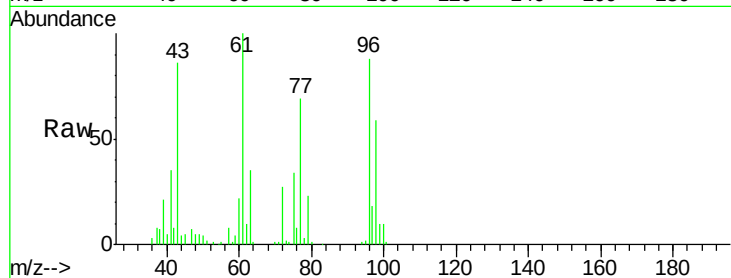
72 30.9 25.4 38.2

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#26

2,2-Dichloropropane

Concen: 10.582 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW016859.D

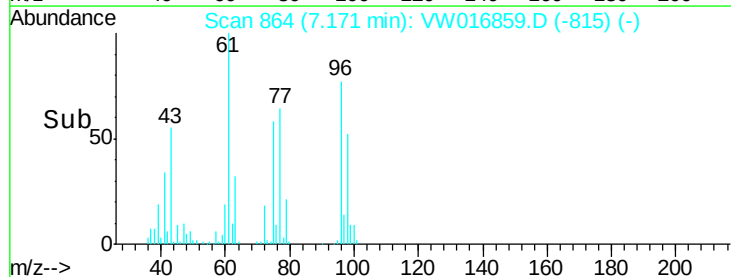
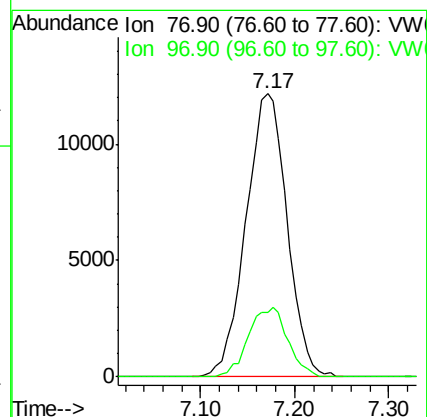
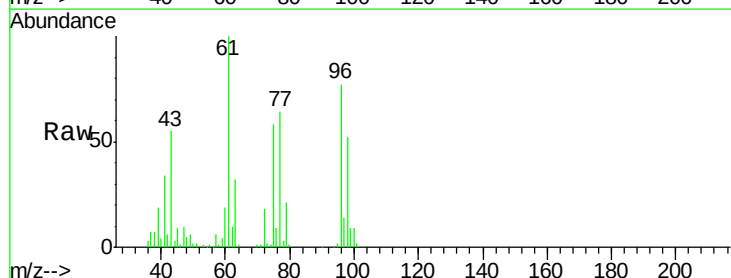
Acq: 09 Oct 2020 14:13

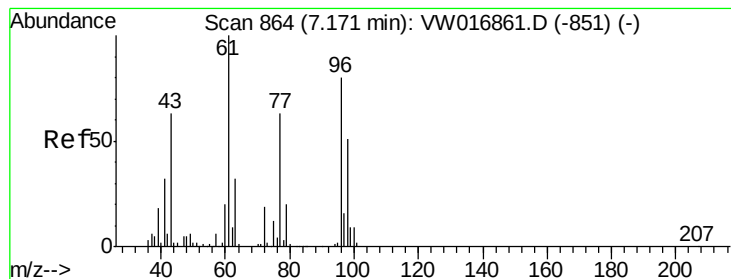
Tgt Ion: 77 Resp: 37179

Ion Ratio Lower Upper

77 100

97 23.5 12.4 37.4





#27

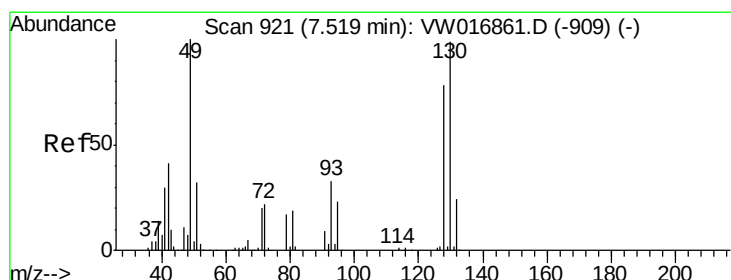
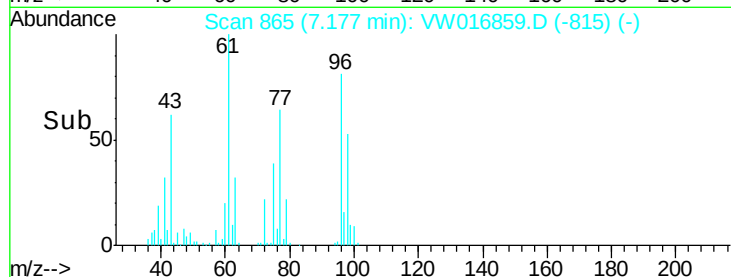
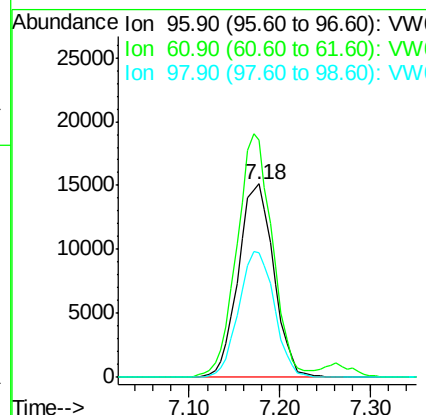
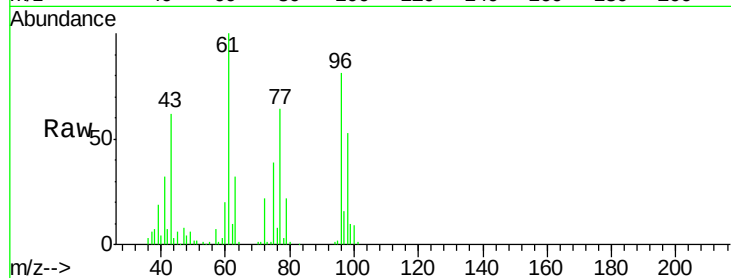
cis-1,2-Dichloroethene
Concen: 10.257 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
96	100		
61	125.7	0.0	249.6
98	65.2	0.0	129.4

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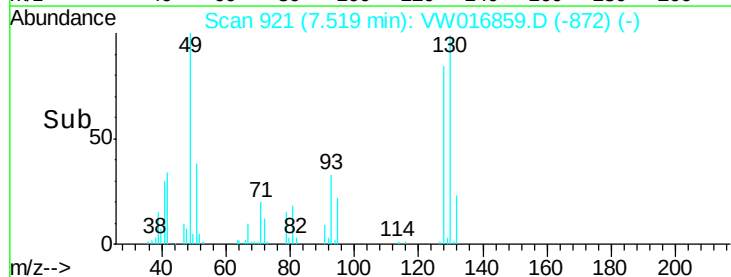
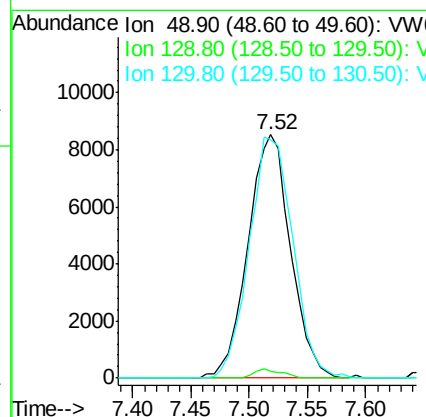
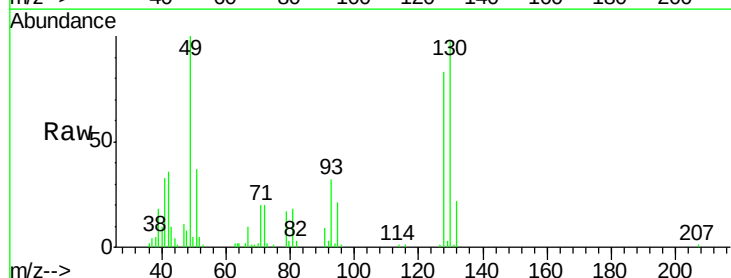
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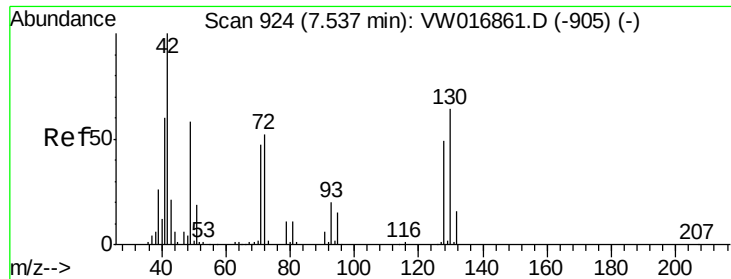


#28

Bromochloromethane
Concen: 9.428 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.8
130	101.5	81.3	121.9





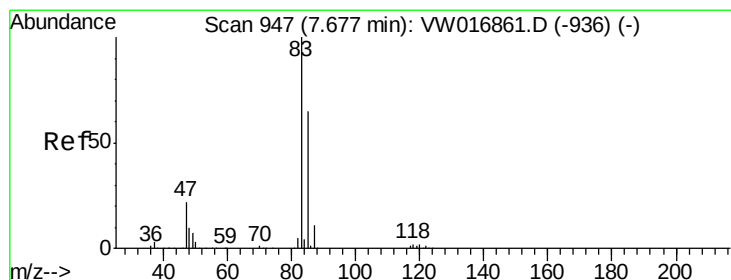
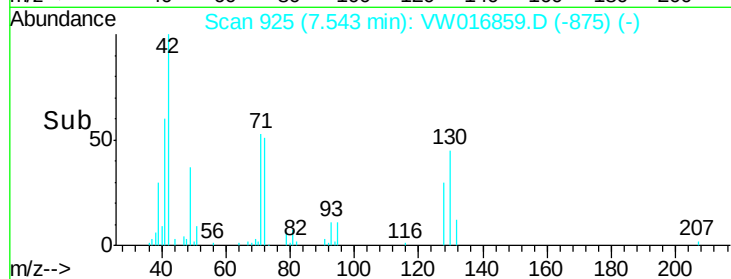
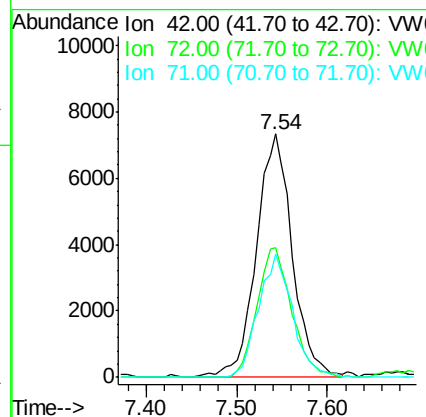
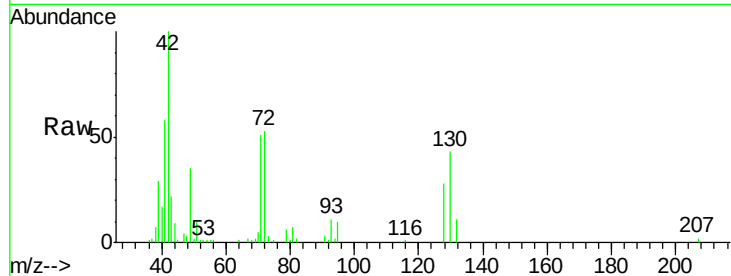
#29
Tetrahydrofuran
Concen: 51.410 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	42	Resp:	20119
Ion	Ratio	Lower	Upper
42	100		
72	51.5	42.0	63.0
71	48.0	39.0	58.6

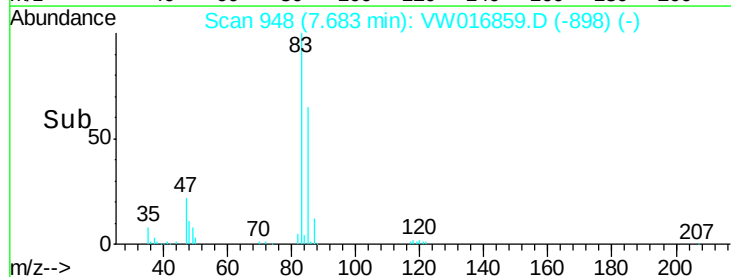
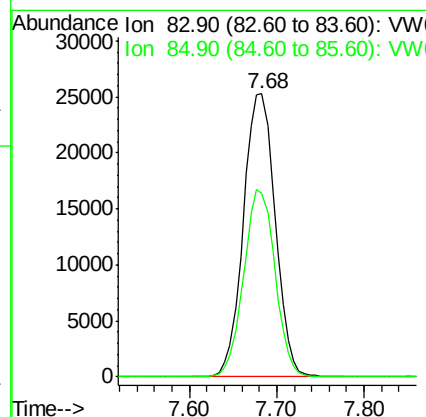
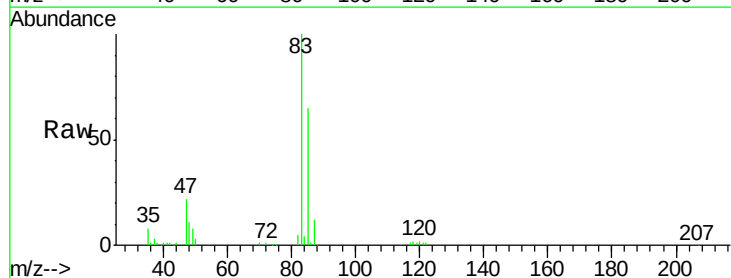
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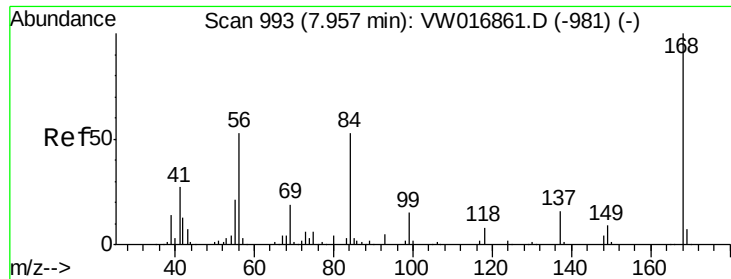
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#30
Chloroform
Concen: 10.268 ug/l
RT: 7.68 min Scan# 948
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:	83	Resp:	64107
Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.7	77.5





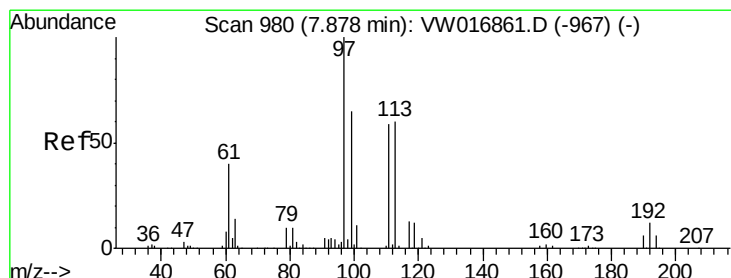
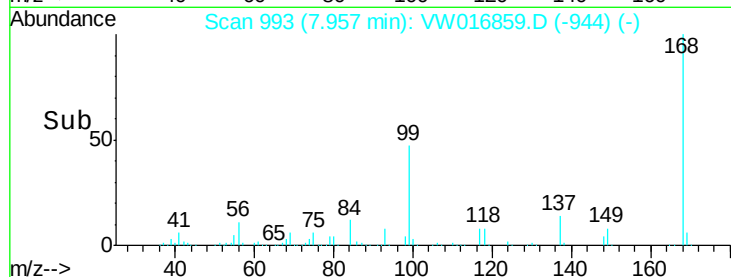
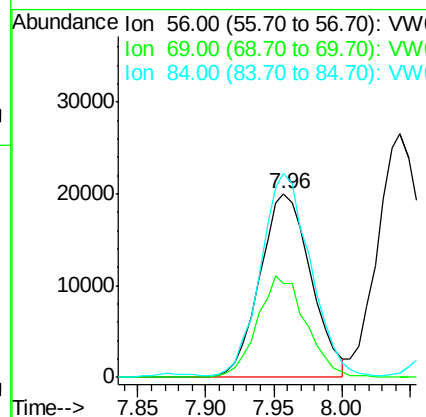
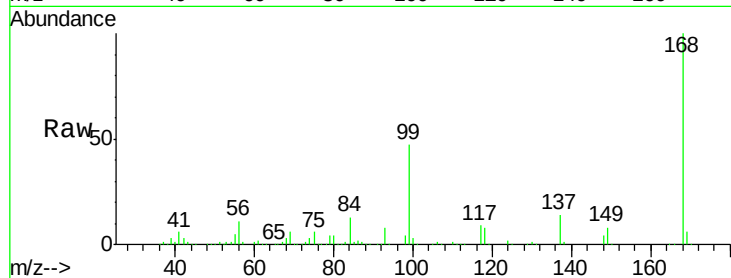
#31
Cyclohexane
Concen: 10.718 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	51.3	29.3	43.9#
84	109.7	80.5	120.7

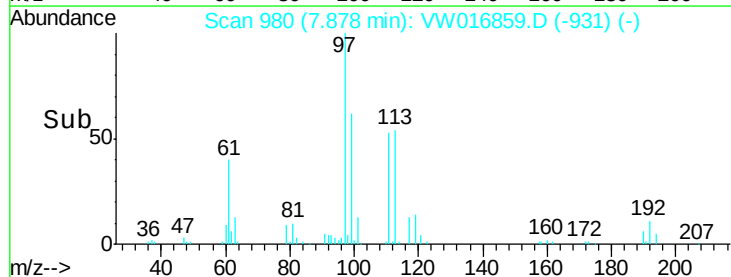
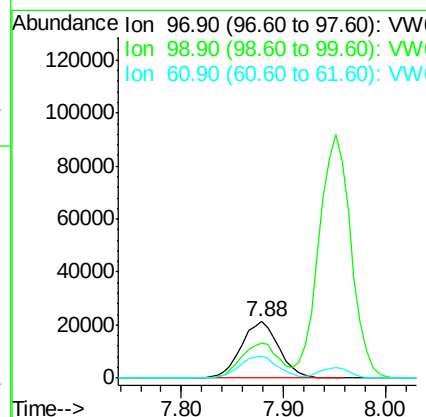
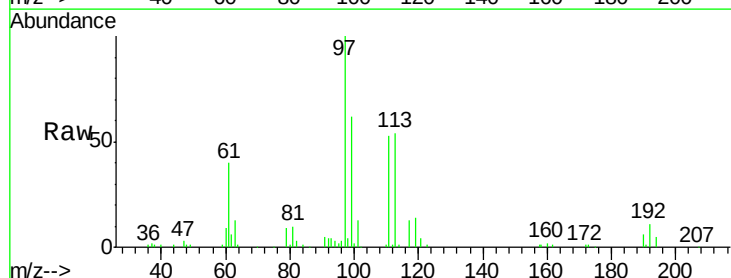
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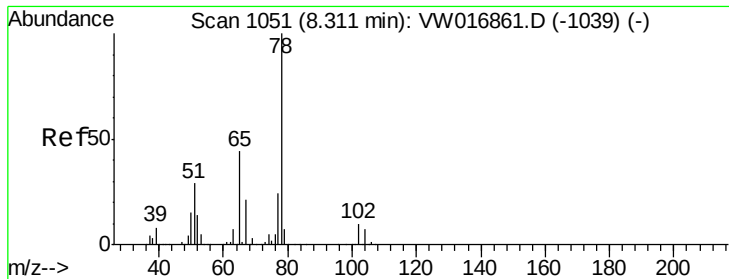
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#32
1,1,1-Trichloroethane
Concen: 10.333 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.4	78.6
61	40.1	31.9	47.9





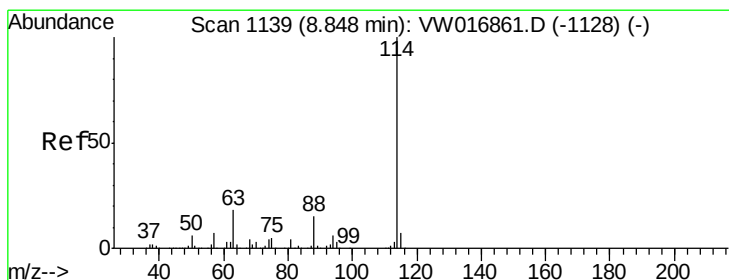
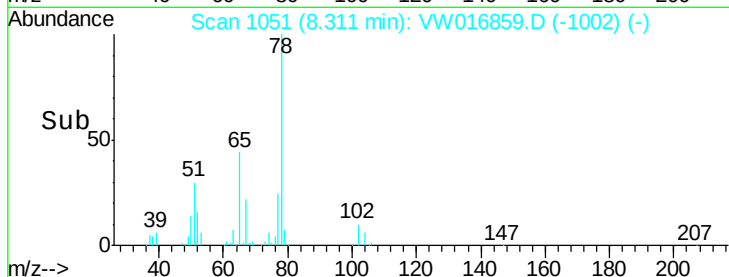
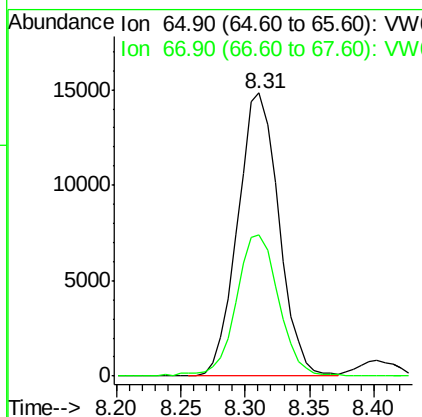
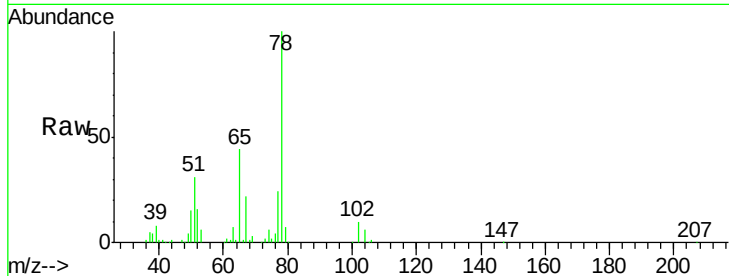
#33
 1,2-Dichloroethane-d4
 Concen: 10.157 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.5	0.0	103.8

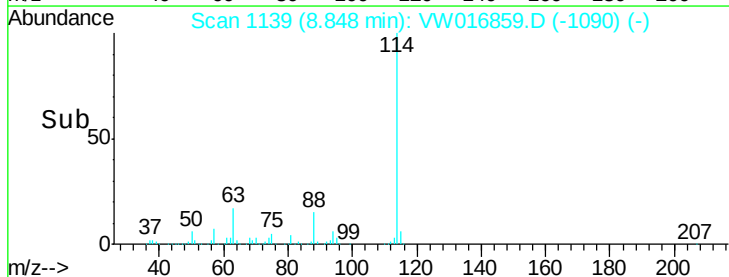
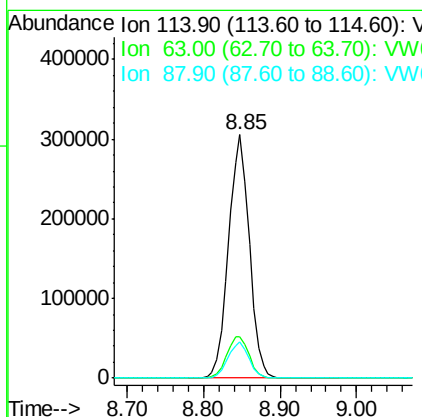
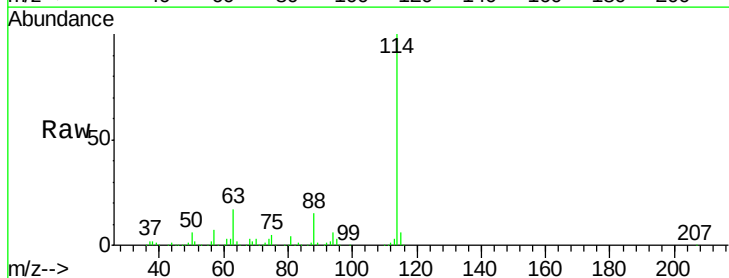
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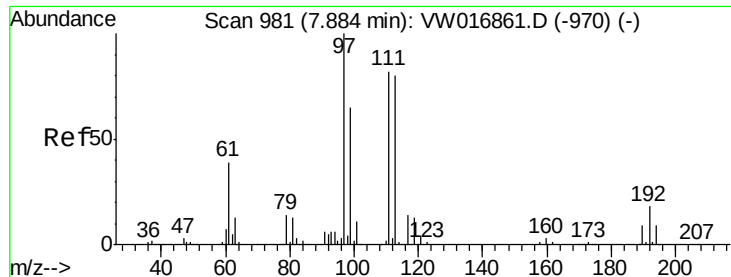
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.6
88	14.8	0.0	30.4





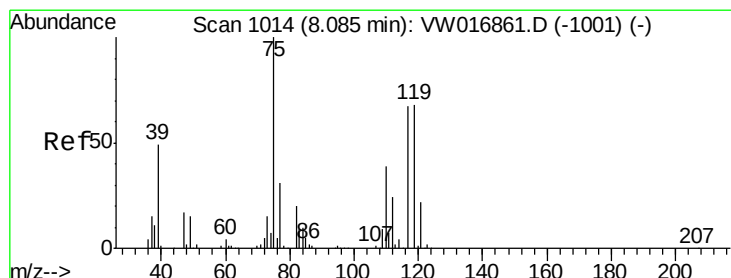
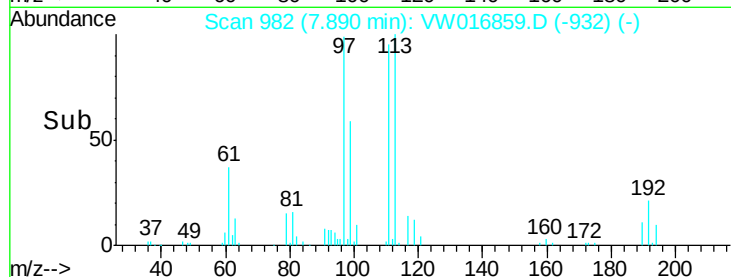
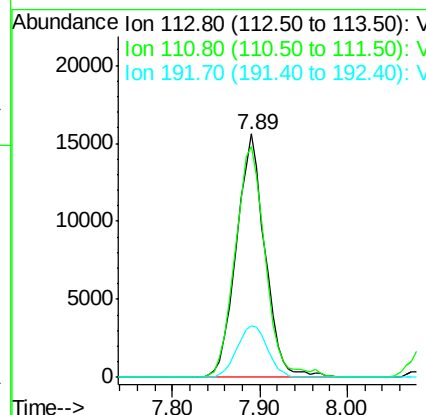
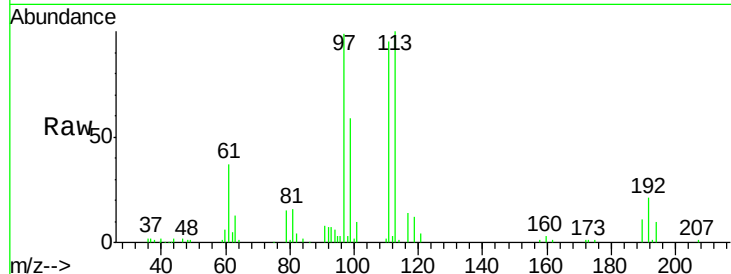
#35
 Dibromofluoromethane
 Concen: 10.123 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
113	100	35553		
111	99.9	81.4	122.2	
192	22.3	17.8	26.8	

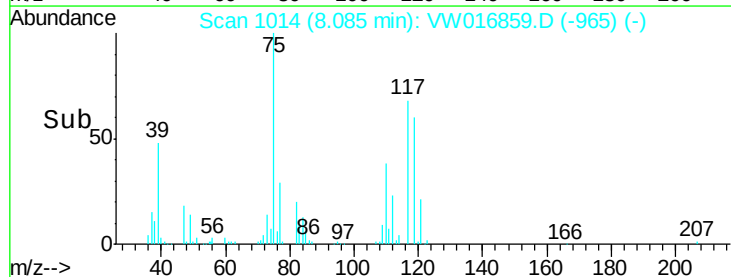
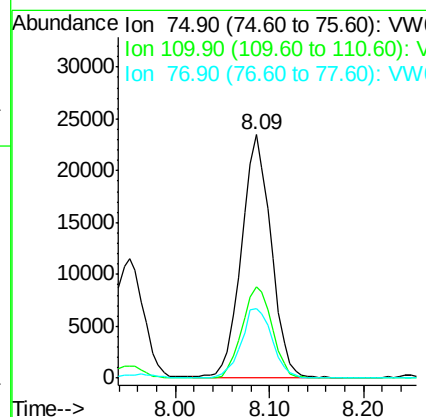
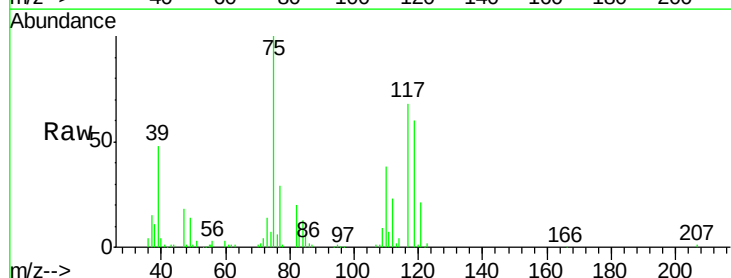
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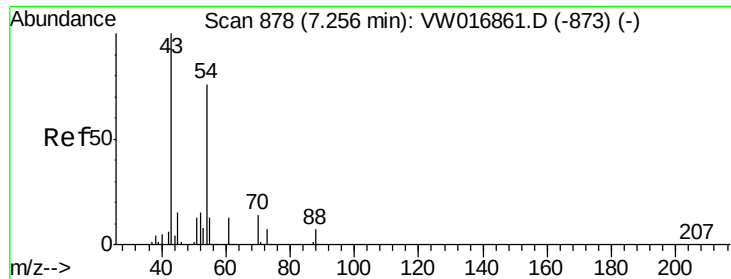
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#36
 1,1-Dichloropropene
 Concen: 10.440 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	51731		
110	38.0	19.3	57.9	
77	30.0	25.0	37.6	





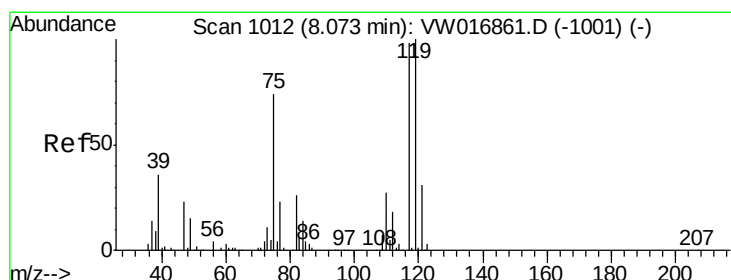
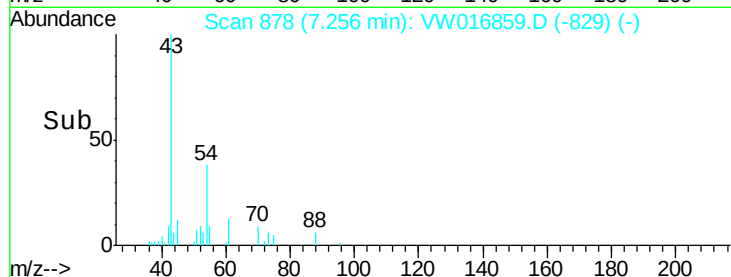
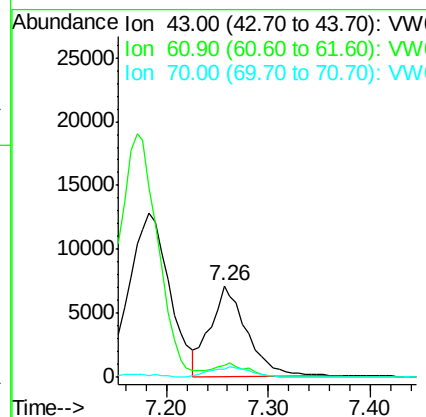
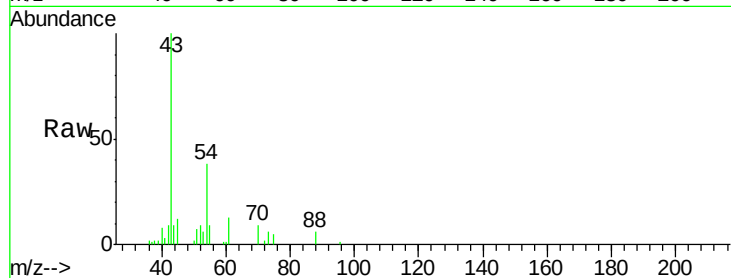
#37
Ethyl Acetate
Concen: 11.016 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	12.0	18.0
70	12.6	9.9	14.9

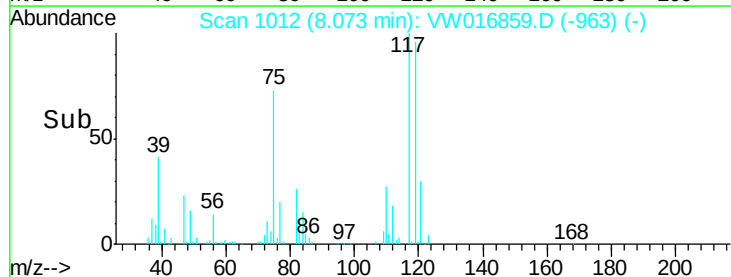
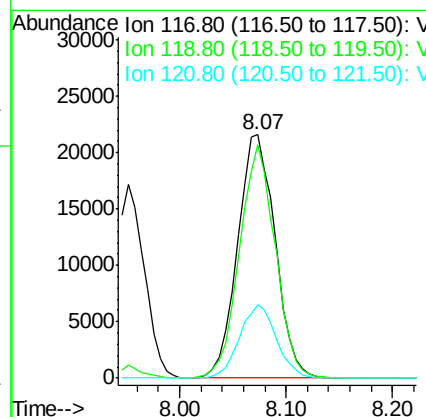
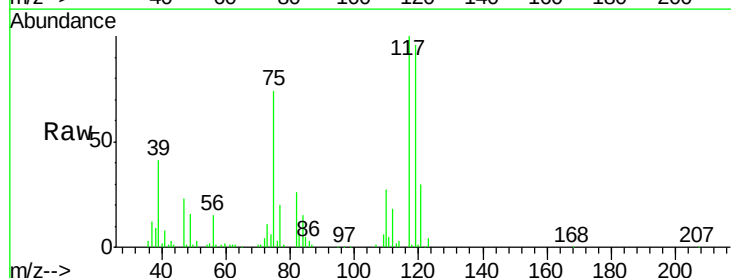
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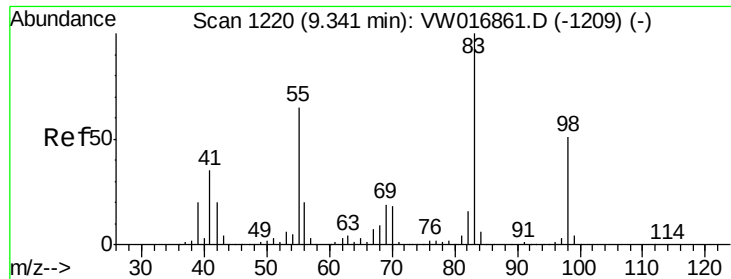
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#38
Carbon Tetrachloride
Concen: 10.384 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.9	81.6	122.4
121	30.3	25.7	38.5





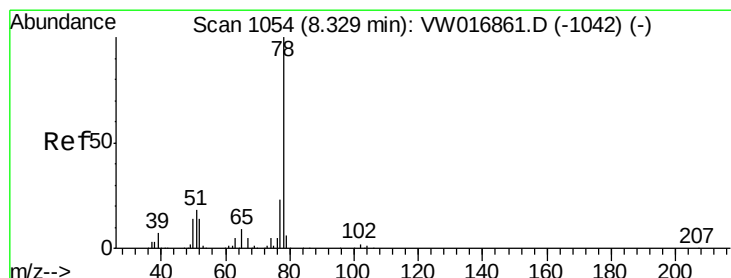
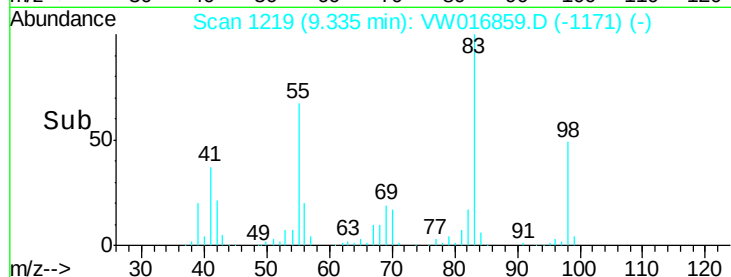
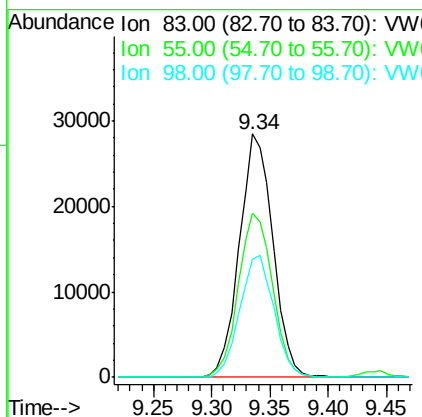
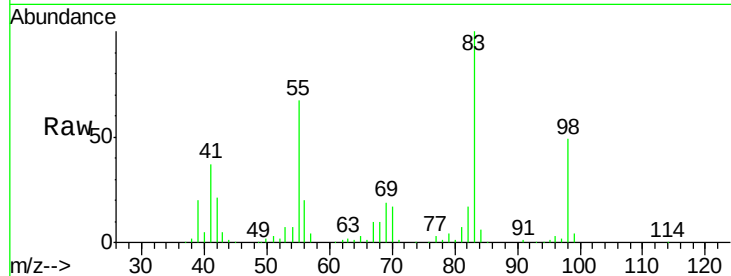
#39
Methylvlcyclohexane
Concen: 10.100 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	83	Resp	57054
Ion Ratio	Lower	Upper	
83	100		
55	67.4	51.7	77.5
98	48.5	41.0	61.4

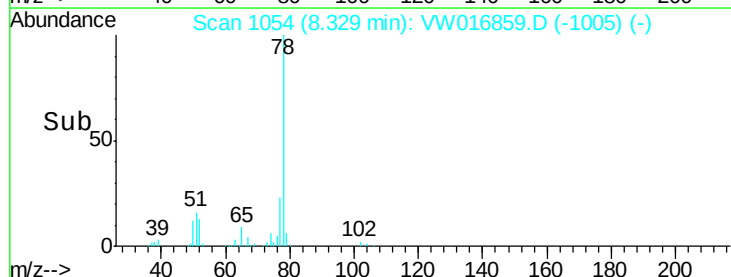
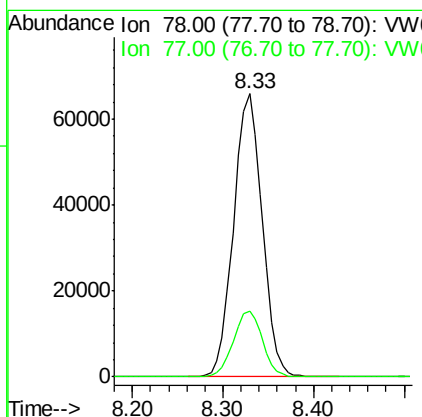
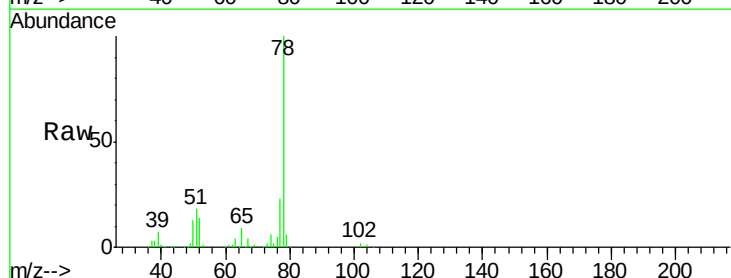
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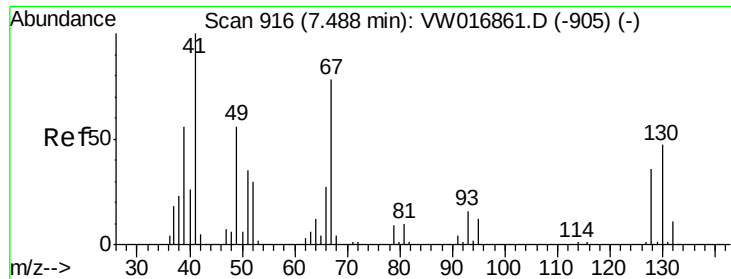
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#40
Benzene
Concen: 10.453 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	78	Resp	144280
Ion Ratio	Lower	Upper	
78	100		
77	23.3	18.5	27.7





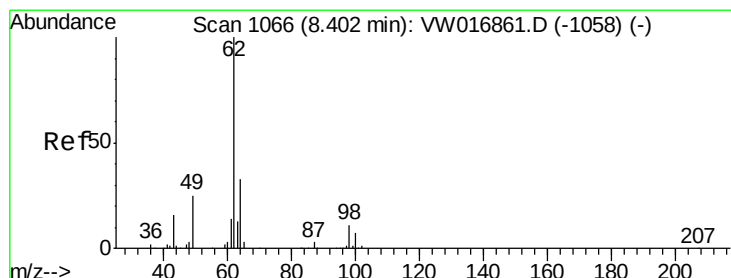
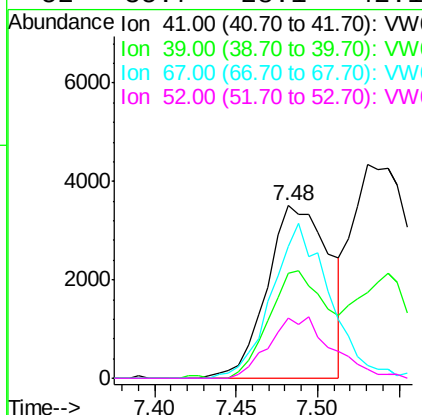
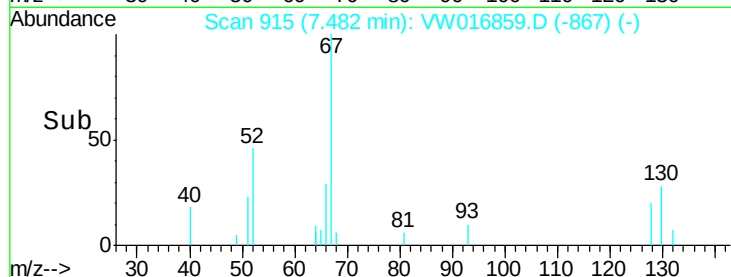
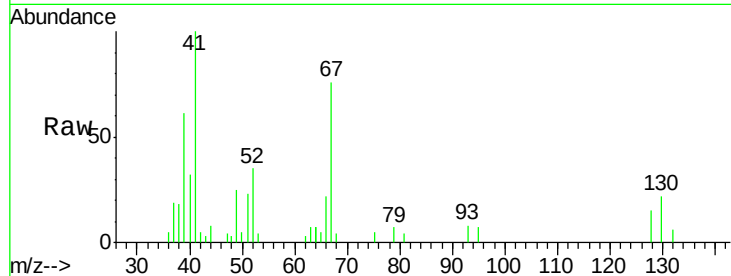
#41
Methacrylonitrile
Concen: 13.380 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:	41	Resp:	9292
Ion	Ratio	Lower	Upper
41	100		
39	57.8	47.0	70.6
67	83.6	68.6	102.8
52	35.7	28.1	42.1

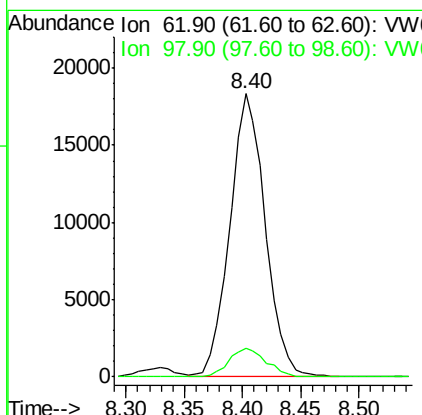
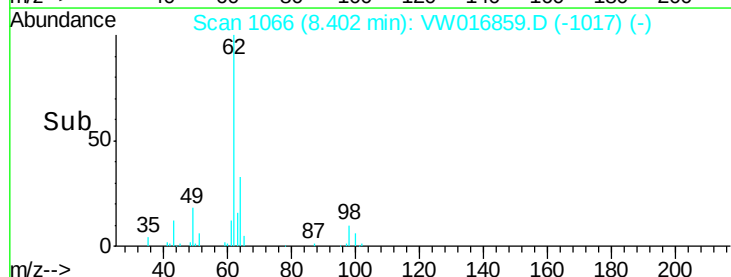
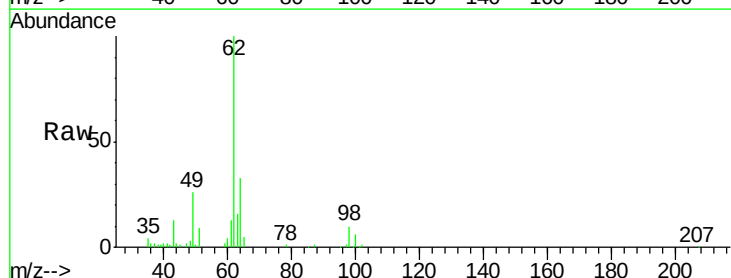
Manual Integrations
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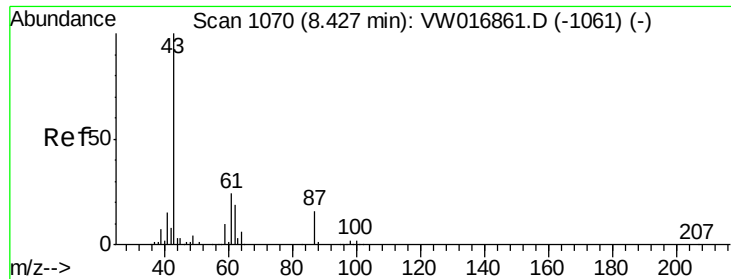
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#42
1,2-Dichloroethane
Concen: 10.249 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:	62	Resp:	38696
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

Isopropyl Acetate

Concen: 9.976 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

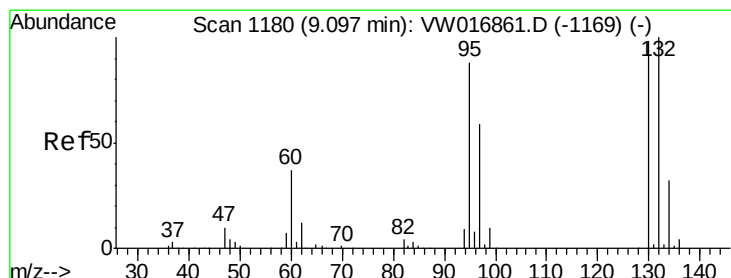
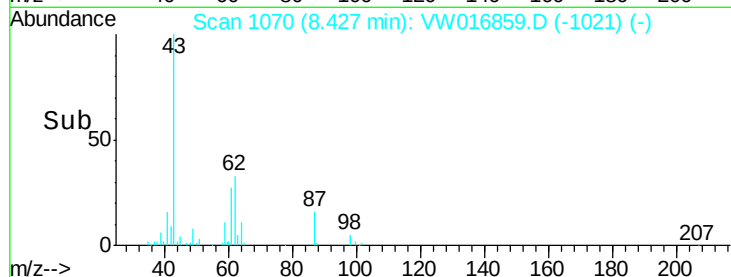
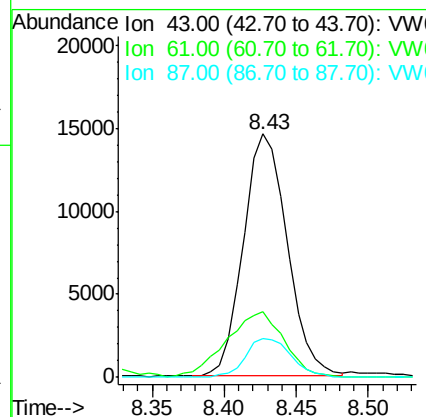
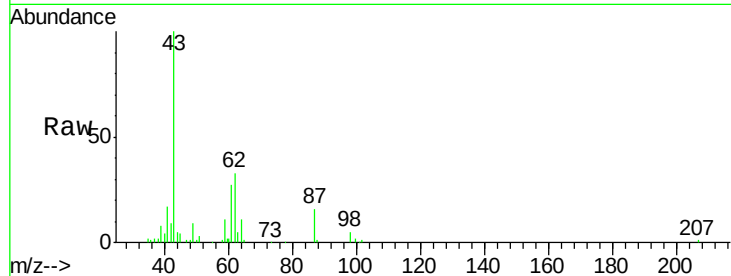
ClientSampleId :

VSTDIC010

Tot Ion:	43	Resp:	30932
Ion	Ratio	Lower	Upper
43	100		
61	35.7	27.5	41.3
87	16.7	13.6	20.4

Manual Integrations
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#44

Trichloroethene

Concen: 10.316 ug/l

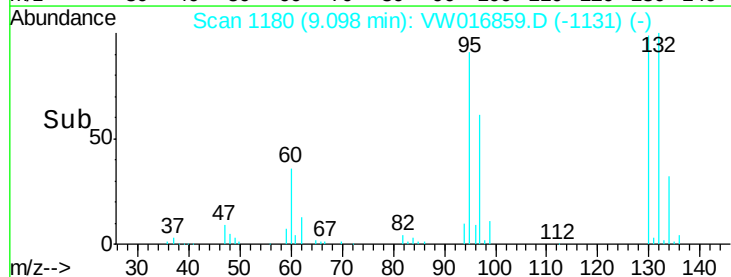
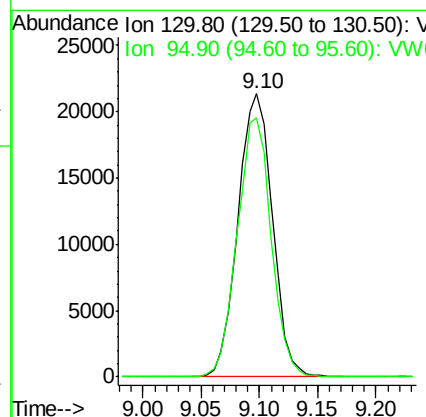
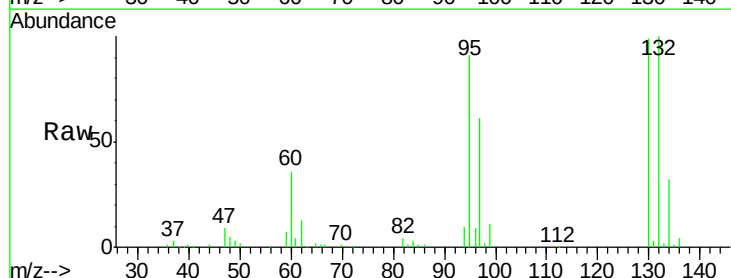
RT: 9.10 min Scan# 1180

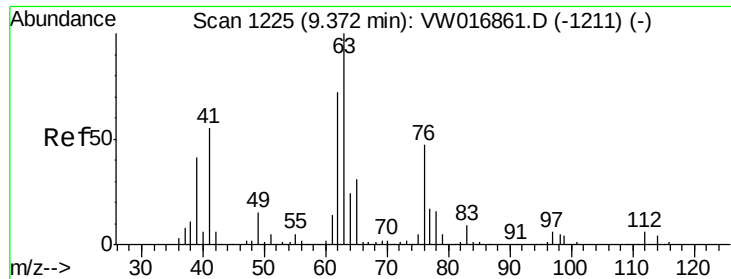
Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion:	130	Resp:	44072
Ion	Ratio	Lower	Upper
130	100		
95	91.5	0.0	180.2





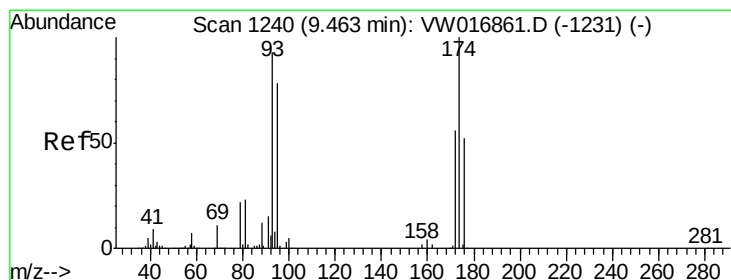
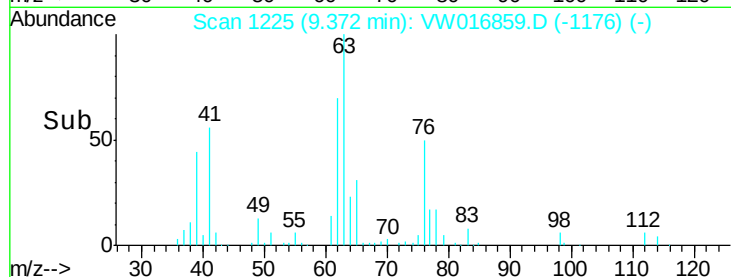
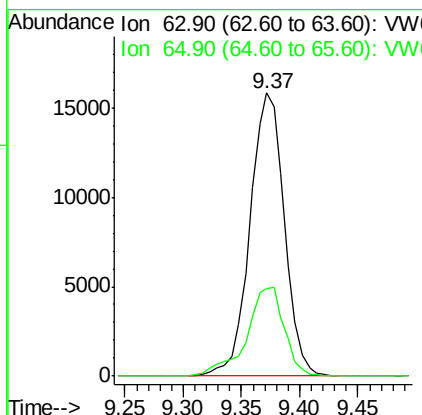
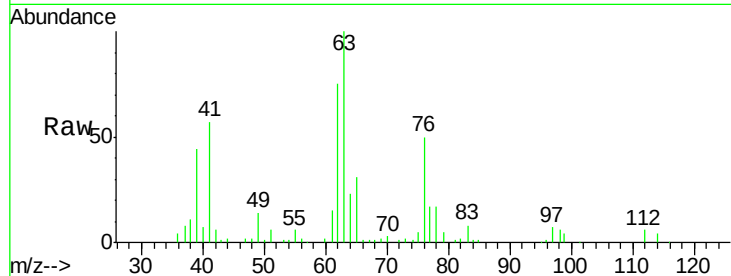
#45
 1,2-Dichloropropane
 Concen: 10.347 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.1	37.7

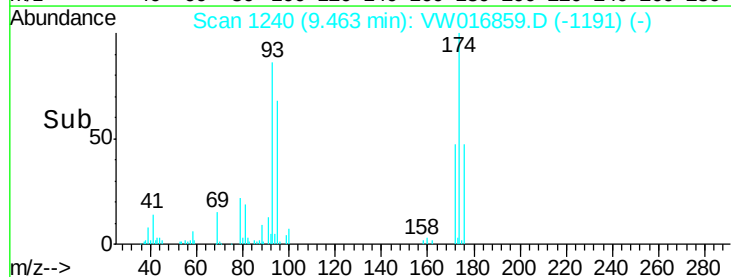
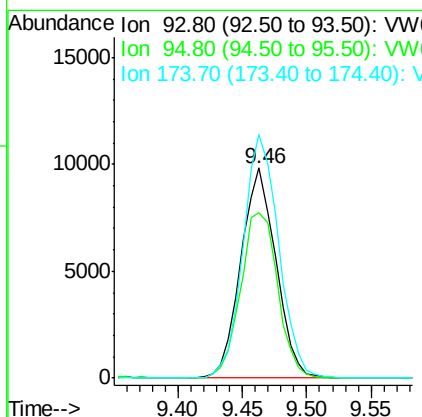
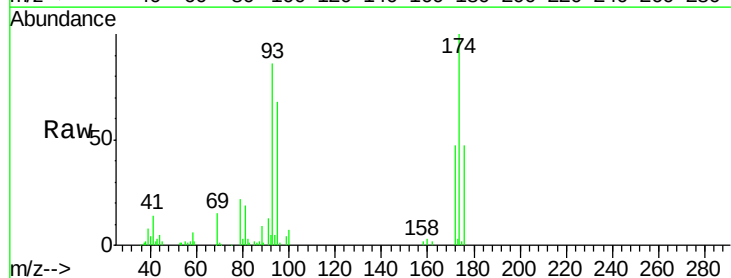
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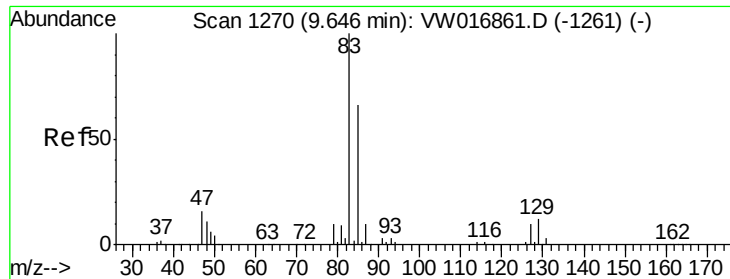
apatel
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#46
 Dibromomethane
 Concen: 10.317 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.1	66.5	99.7
174	117.1	91.0	136.6





#47

Bromodichloromethane

Concen: 9.998 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

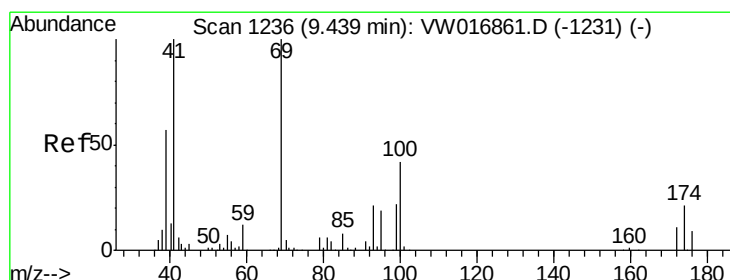
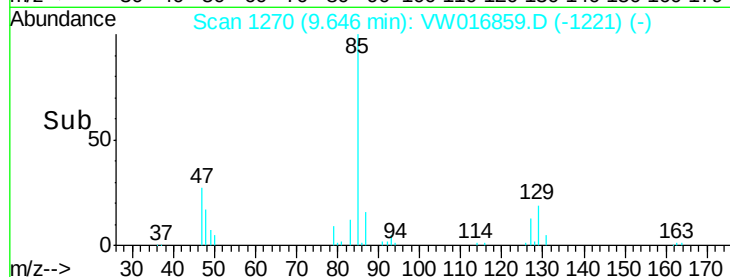
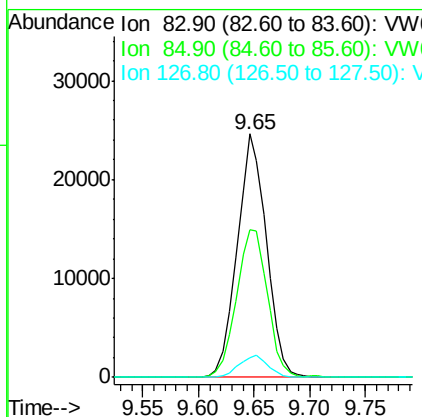
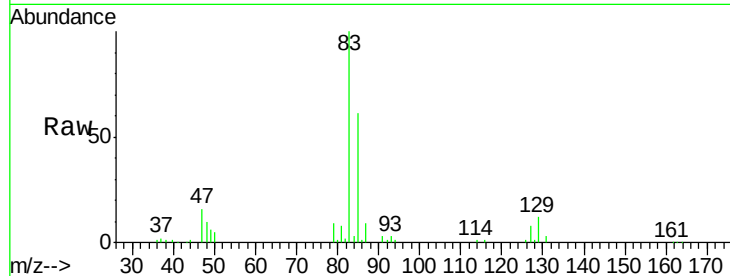
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	44756
Ion	Ratio	Lower	Upper
83	100		
85	60.5	52.7	79.1
127	8.0	7.8	11.6

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#48

Methyl methacrylate

Concen: 10.036 ug/l

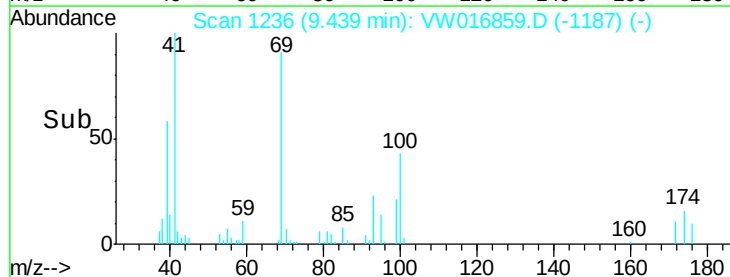
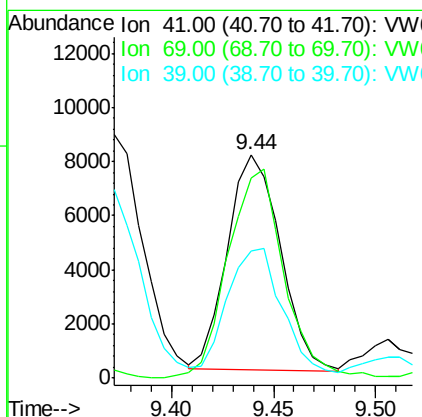
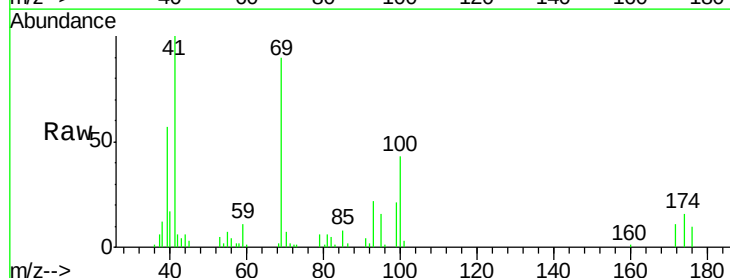
RT: 9.44 min Scan# 1236

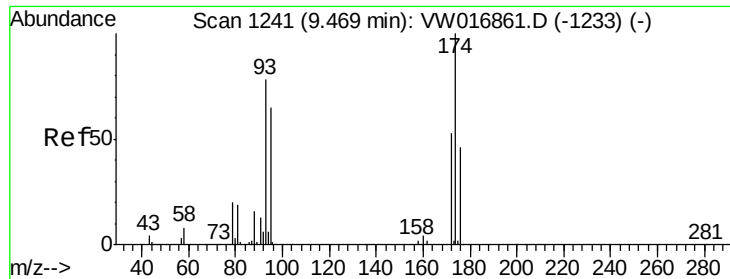
Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion:	41	Resp:	14339
Ion	Ratio	Lower	Upper
41	100		
69	103.3	83.5	125.3
39	65.0	50.9	76.3





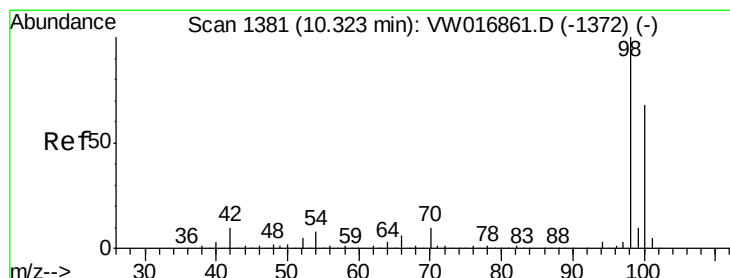
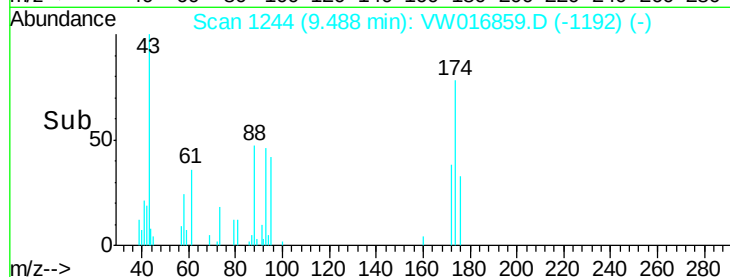
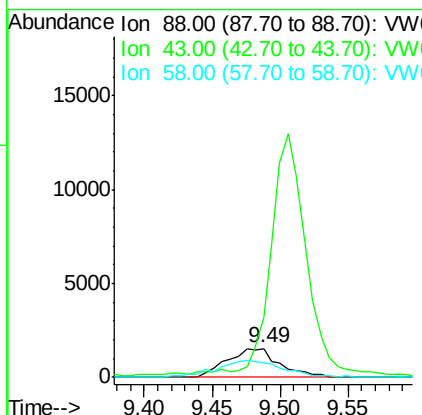
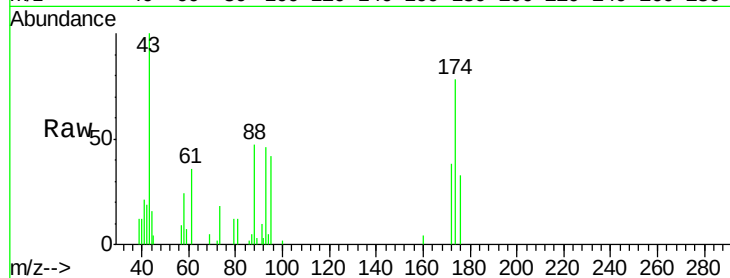
#49
1,4-Dioxane
Concen: 199.382 ug/l
RT: 9.49 min Scan# 1244
Delta R.T. 0.02 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	4129
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	72.0	54.0	81.0

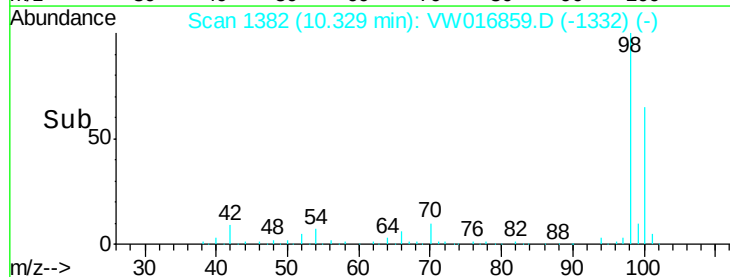
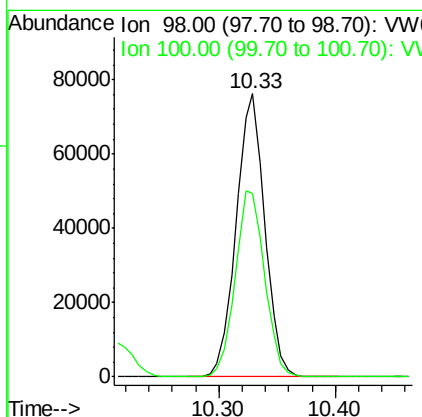
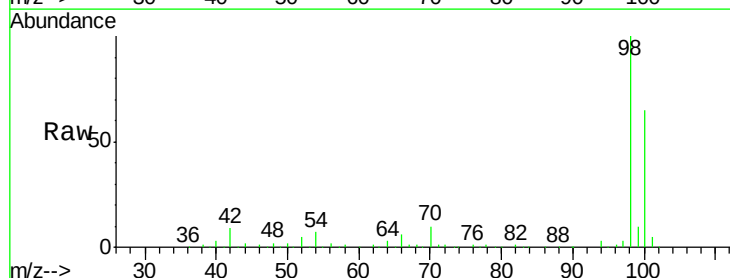
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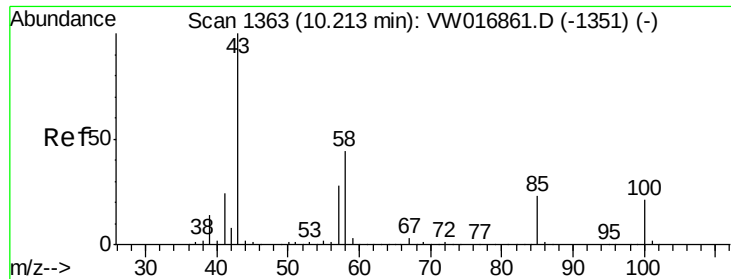
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#50
Toluene-d8
Concen: 9.915 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	98	Resp	130574
Ion	Ratio	Lower	Upper
98	100		
100	67.4	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 52.125 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 81761

Ion Ratio Lower Upper

43 100

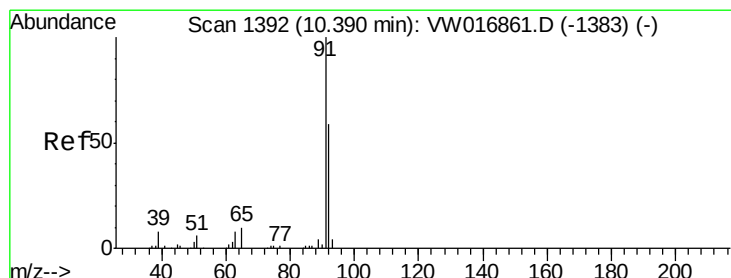
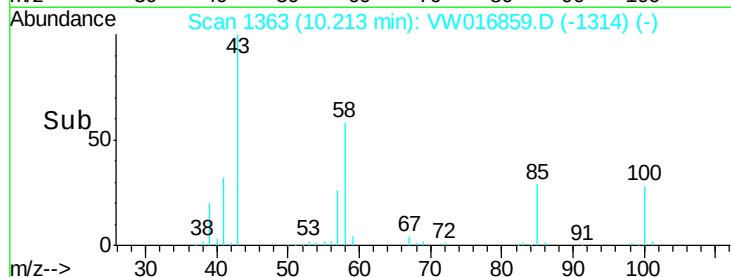
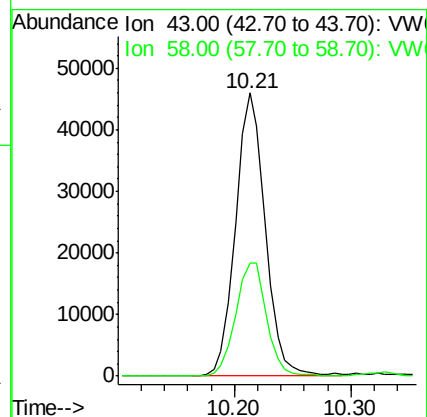
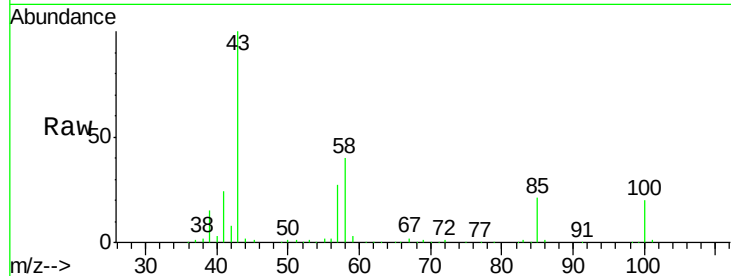
58 41.7 34.7 52.1

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#52

Toluene

Concen: 10.125 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW016859.D

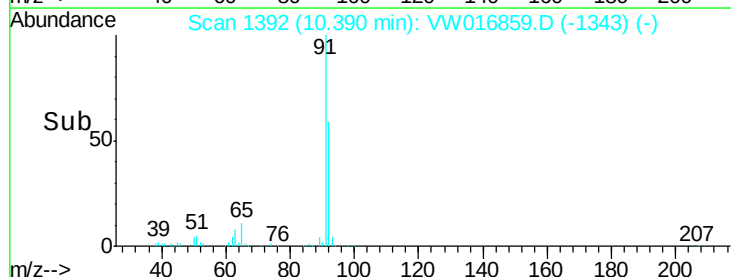
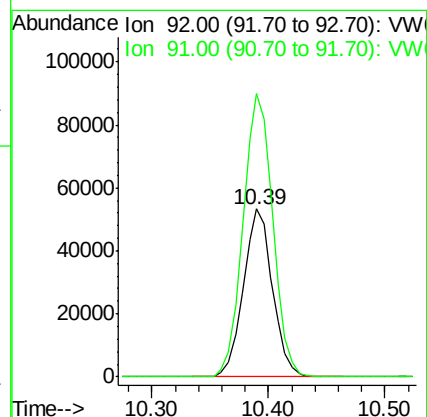
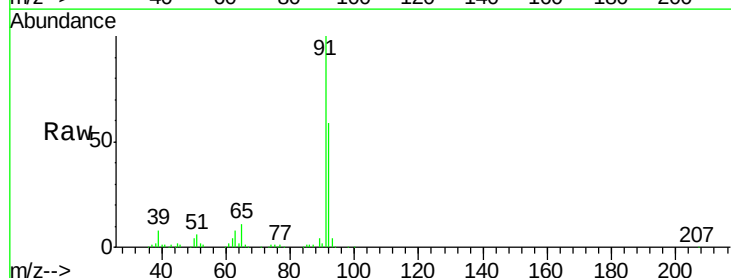
Acq: 09 Oct 2020 14:13

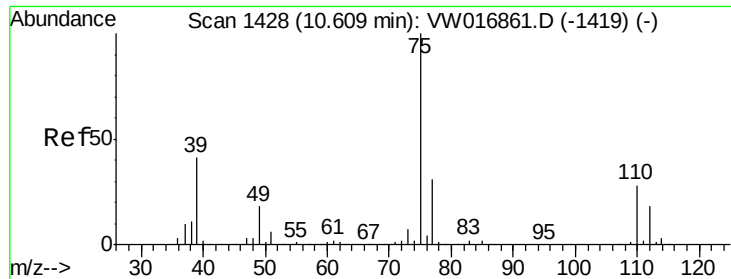
Tgt Ion: 92 Resp: 92387

Ion Ratio Lower Upper

92 100

91 172.5 134.7 202.1





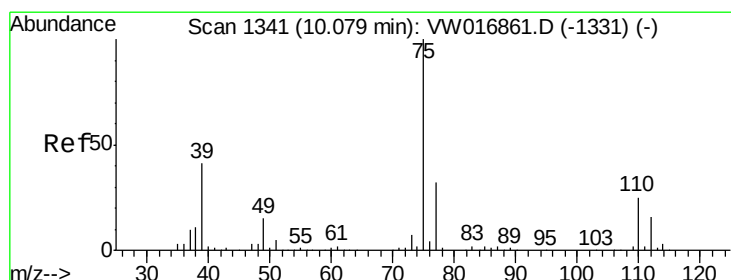
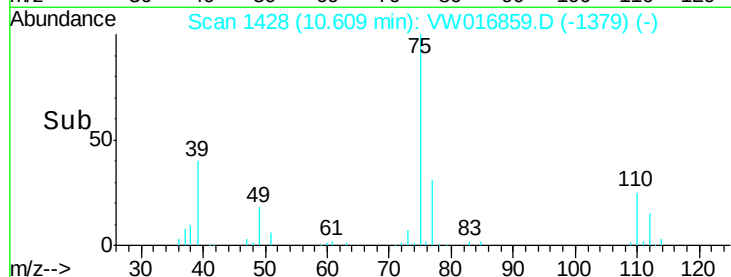
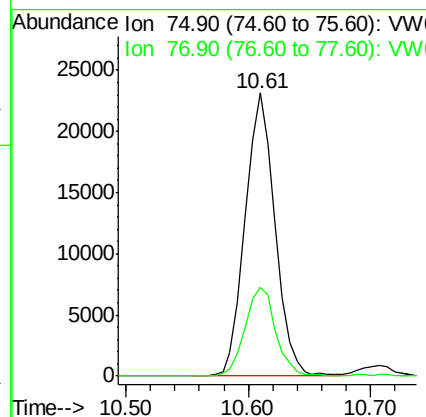
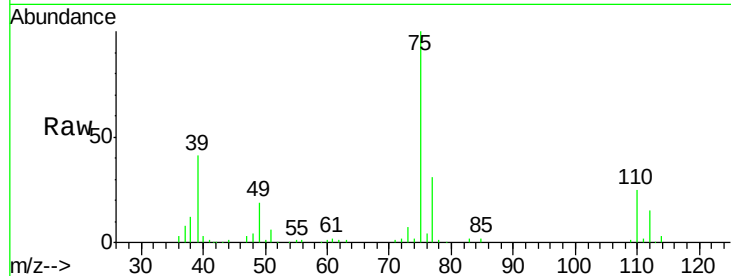
#53
 t-1,3-Dichloropropene
 Concen: 9.636 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 75 Resp: 39268
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.8 37.2

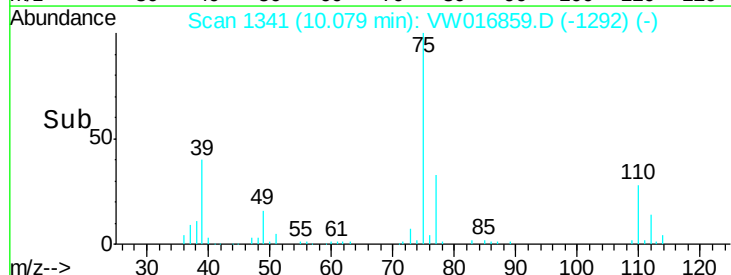
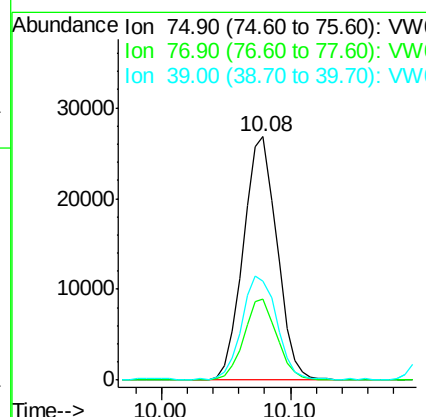
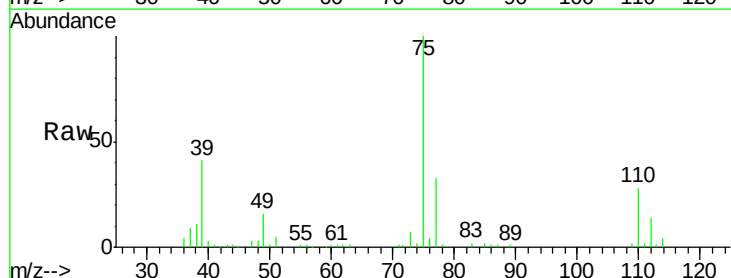
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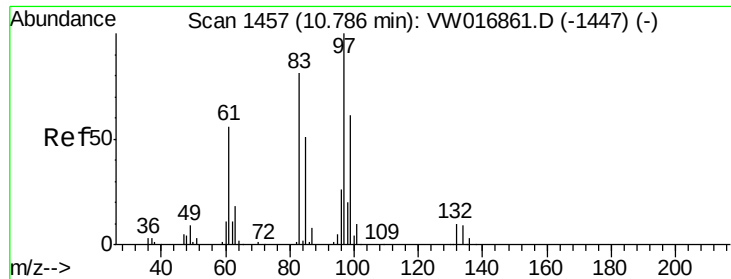
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#54
 cis-1,3-Dichloropropene
 Concen: 9.757 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 75 Resp: 48567
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.8 38.6
 39 40.5 32.9 49.3





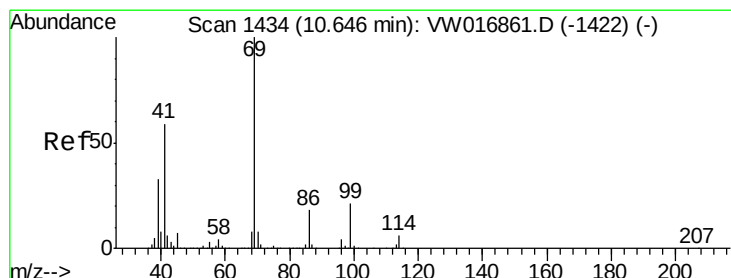
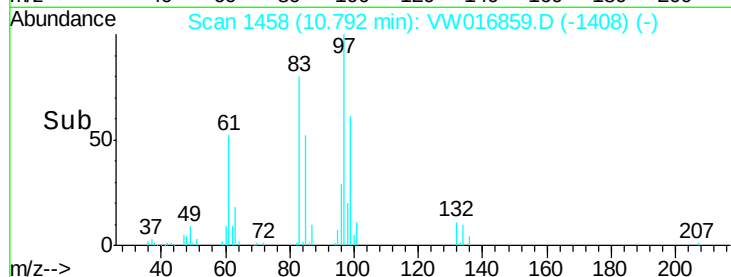
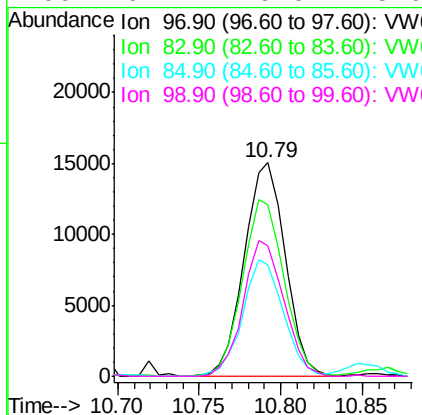
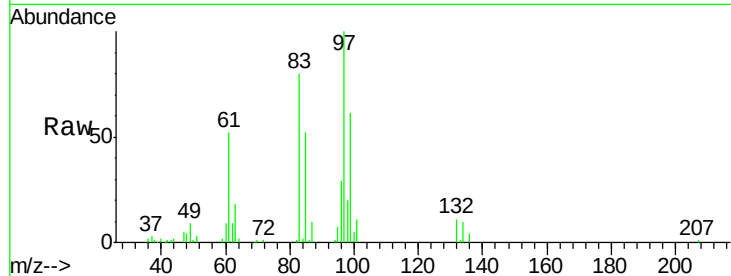
#55
 1,1,2-Trichloroethane
 Concen: 10.306 ug/l
 RT: 10.79 min Scan# 1458
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion:	97	Resp:	26410
Ion	Ratio	Lower	Upper
97	100		
83	80.2	64.6	97.0
85	52.1	40.6	61.0
99	61.1	49.0	73.6

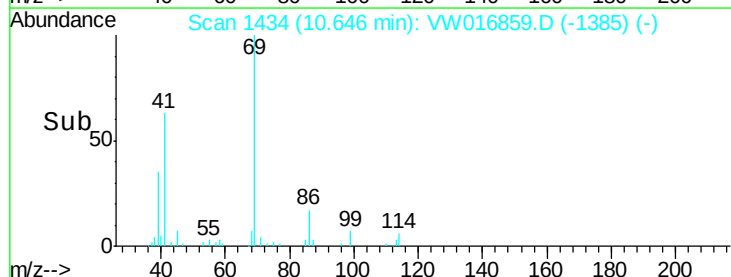
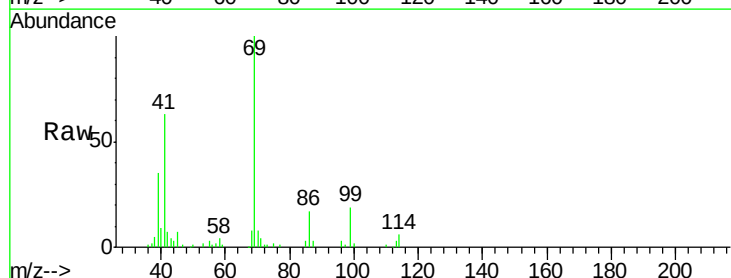
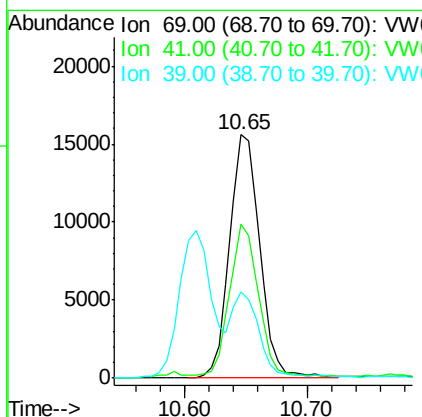
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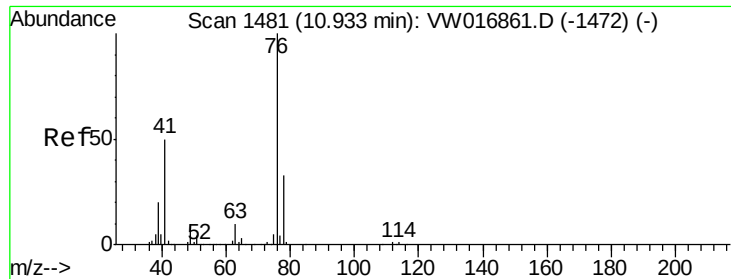
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#56
 Ethyl methacrylate
 Concen: 9.607 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion:	69	Resp:	26783
Ion	Ratio	Lower	Upper
69	100		
41	61.8	46.3	69.5
39	31.9	25.9	38.9





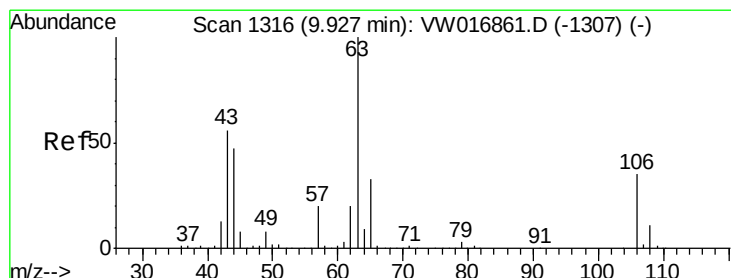
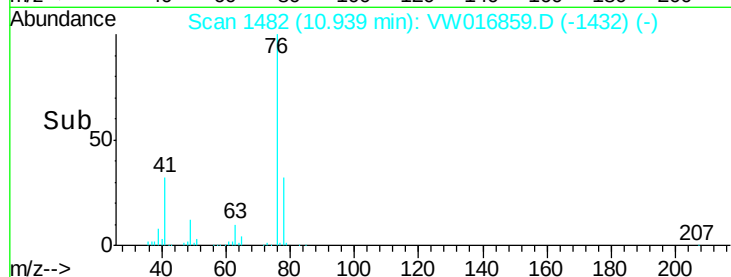
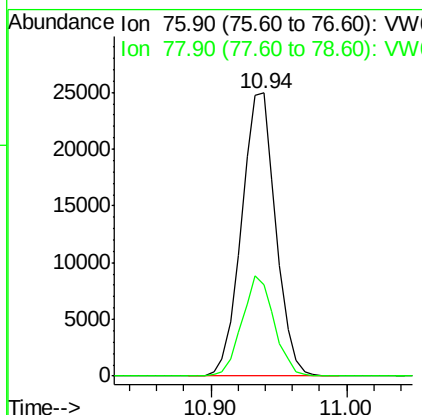
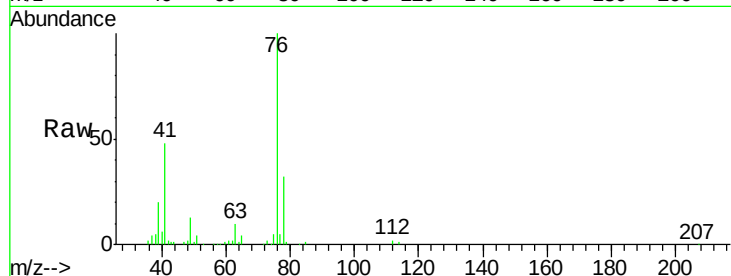
#57
 1,3-Dichloropropane
 Concen: 10.319 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion: 76 Resp: 43751
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.0 39.0

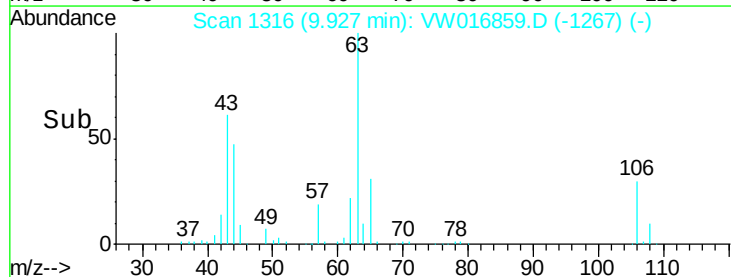
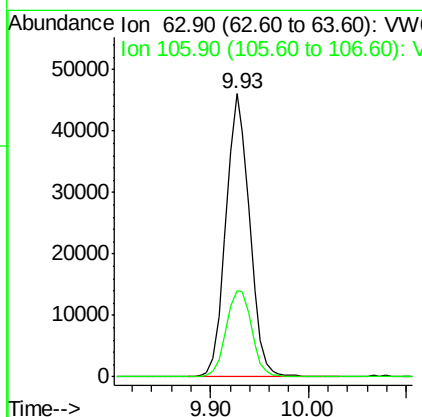
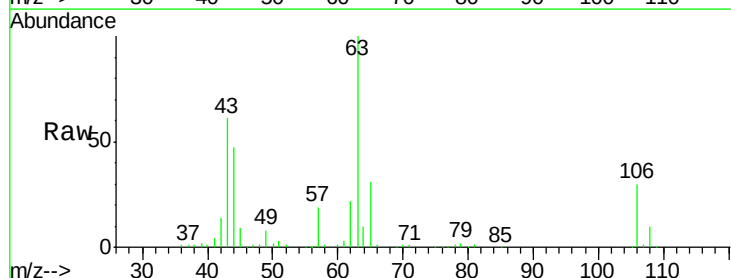
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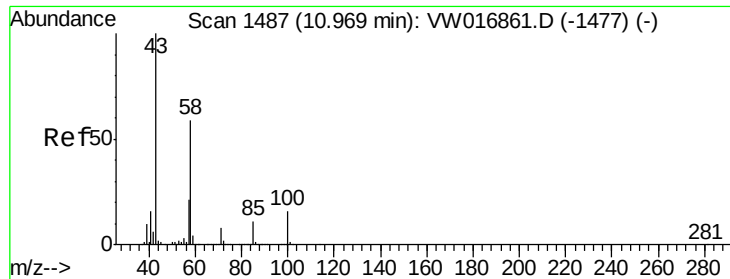
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#58
 2-Chloroethyl Vinyl ether
 Concen: 50.113 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion: 63 Resp: 77417
 Ion Ratio Lower Upper
 63 100
 106 32.8 27.0 40.4





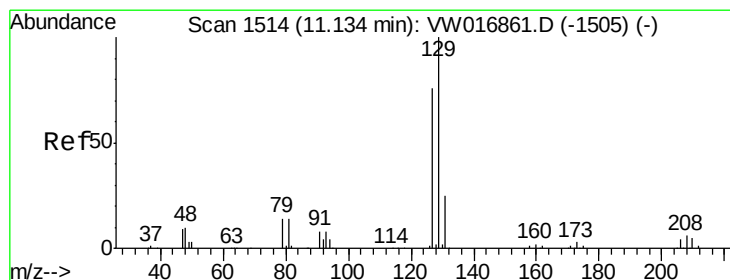
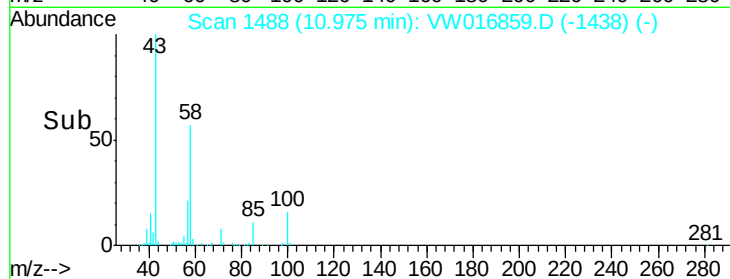
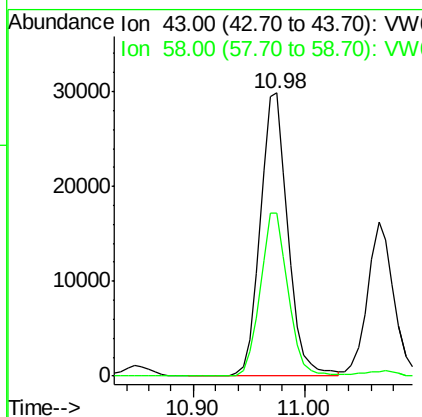
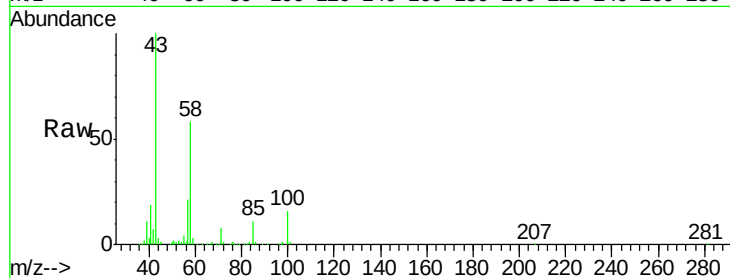
#59
2-Hexanone
Concen: 49.862 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 43 Resp: 51748
Ion Ratio Lower Upper
43 100
58 57.8 29.5 88.5

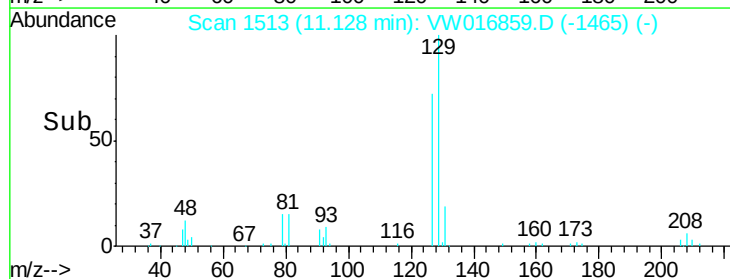
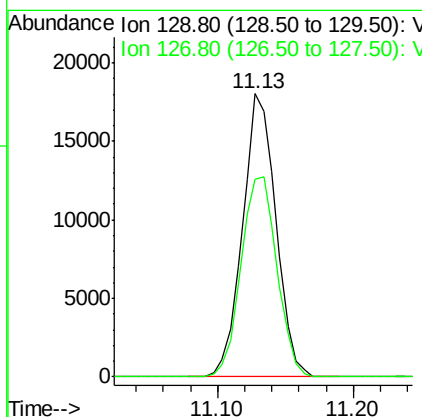
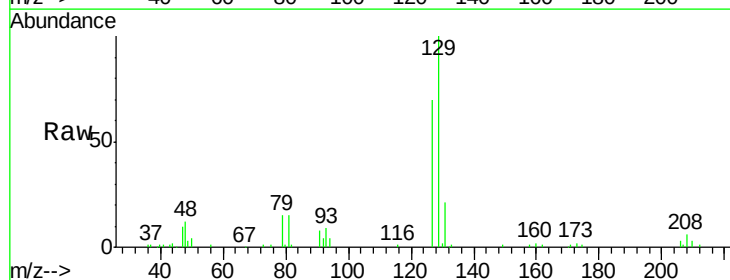
Manual Integrations
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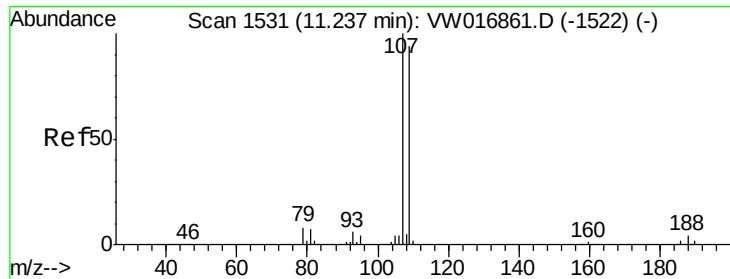
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#60
Dibromochloromethane
Concen: 9.843 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 129 Resp: 30938
Ion Ratio Lower Upper
129 100
127 75.9 38.9 116.6





#61

1,2-Dibromoethane

Concen: 10.235 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 25975

Ion Ratio Lower Upper

107 100

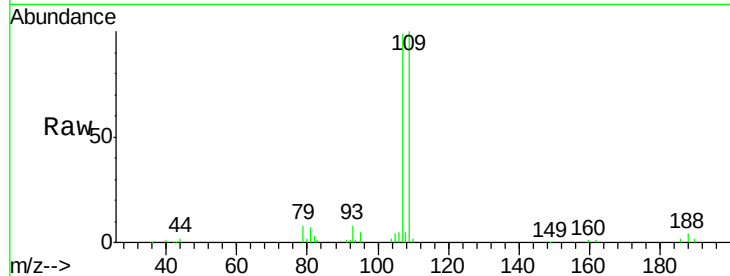
109 95.9 74.7 112.1

Manual Integrations

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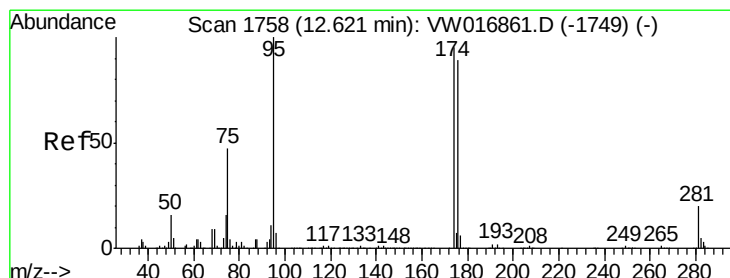
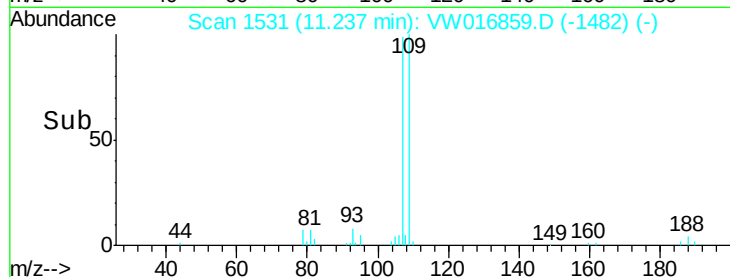
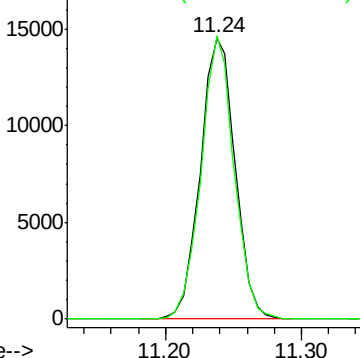
apatel

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 9.711 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

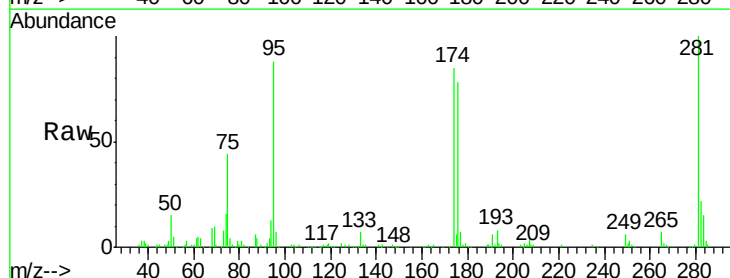
Tgt Ion: 95 Resp: 44101

Ion Ratio Lower Upper

95 100

174 92.9 0.0 180.6

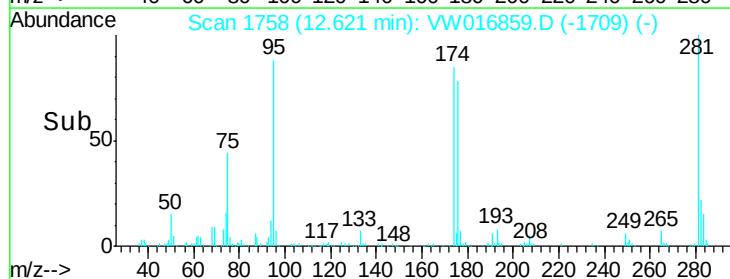
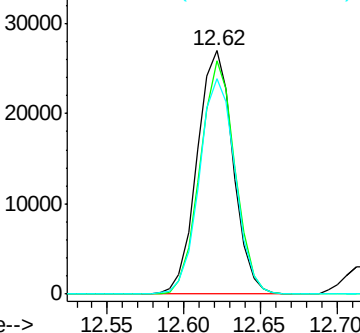
176 88.4 0.0 177.6

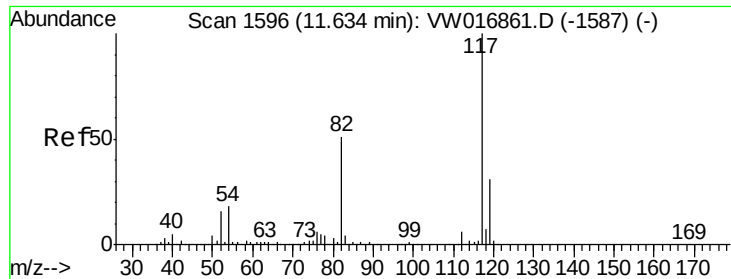


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





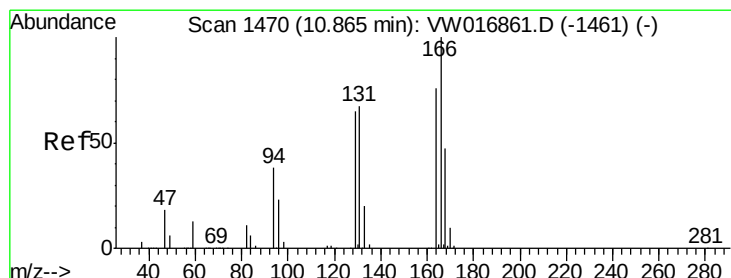
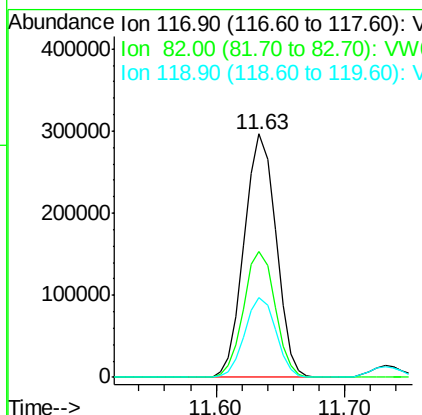
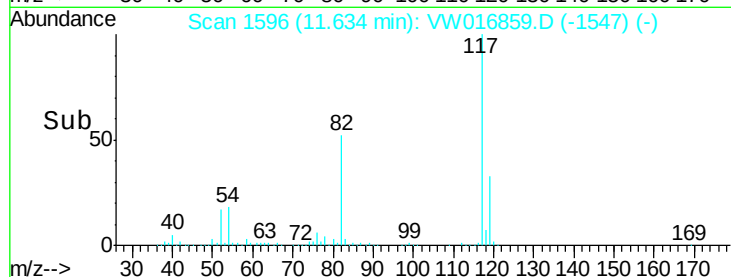
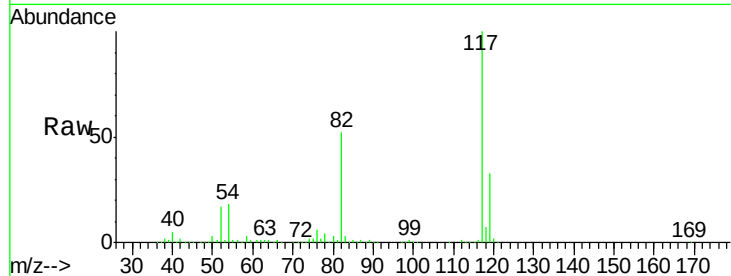
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	40.7	61.1
119	32.7	25.0	37.4

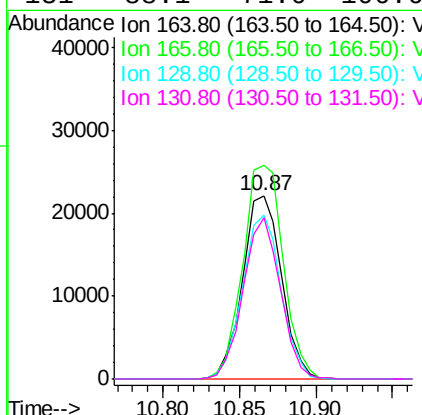
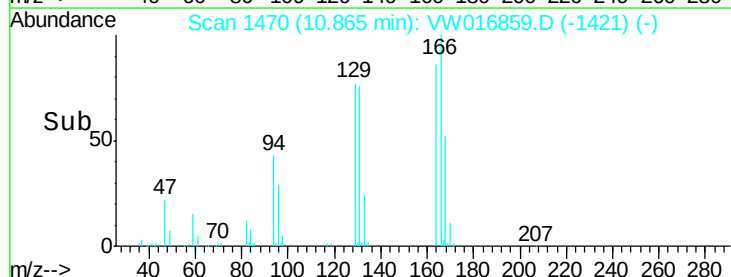
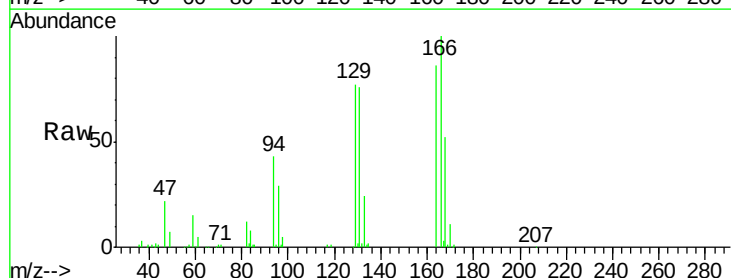
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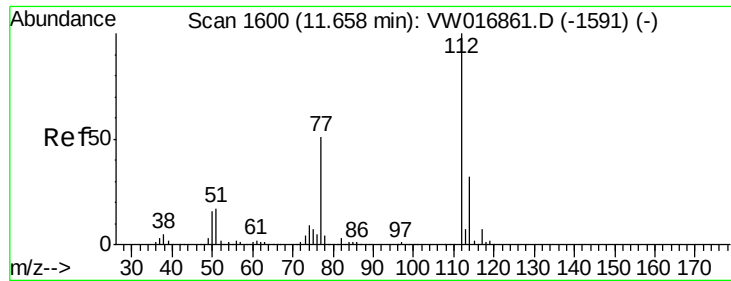
apatel
10/12/2020 1:58:43 PM



#64
Tetrachloroethene
Concen: 10.845 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	116.6	105.3	157.9
129	89.3	68.8	103.2
131	88.1	71.0	106.6





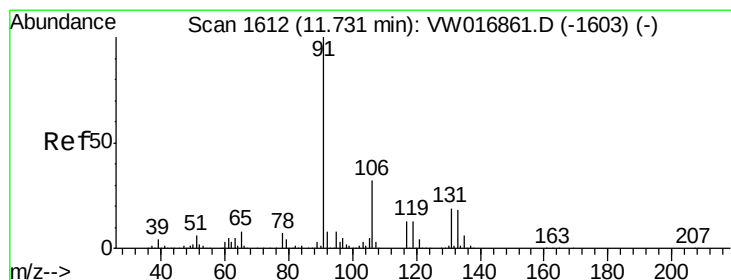
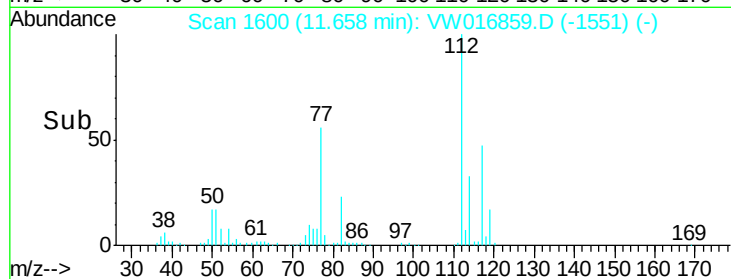
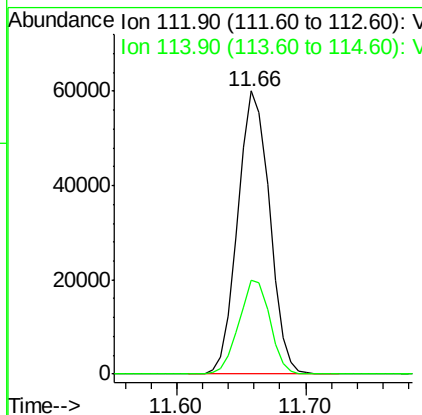
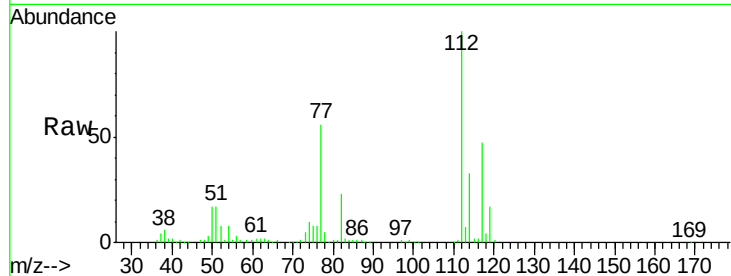
#65
Chlorobenzene
Concen: 10.358 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 102910
Ion Ratio Lower Upper
112 100
114 33.0 25.3 37.9

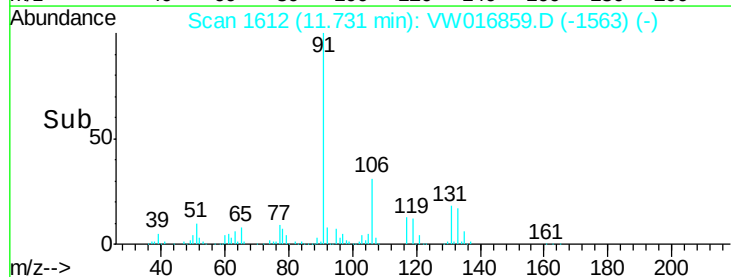
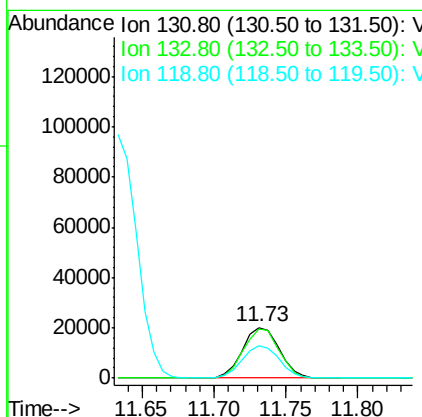
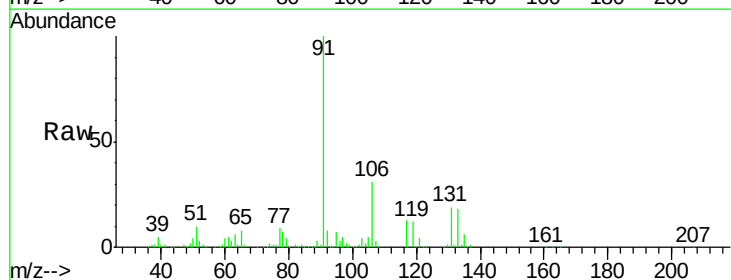
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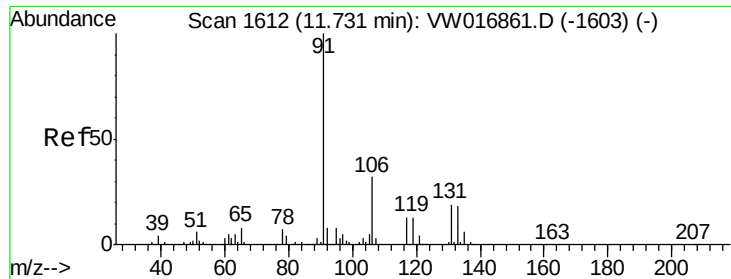
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#66
1,1,1,2-Tetrachloroethane
Concen: 10.097 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:131 Resp: 35476
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 64.8 32.5 97.4





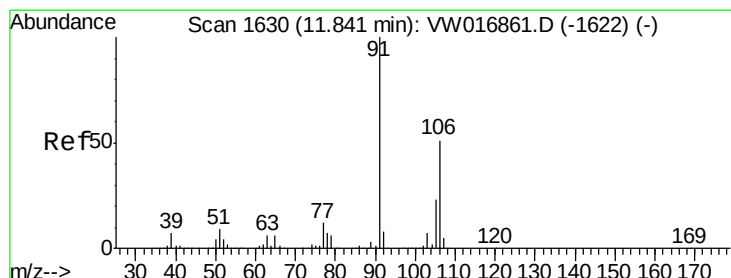
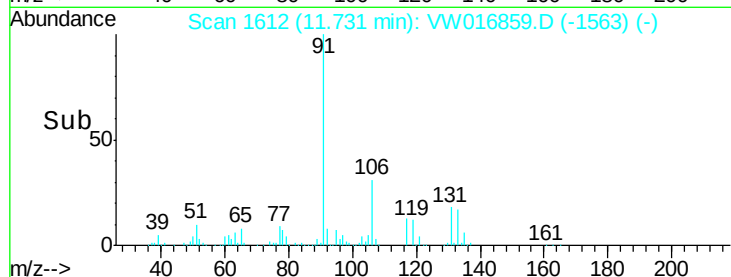
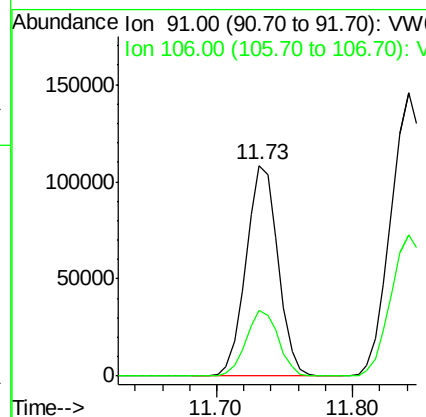
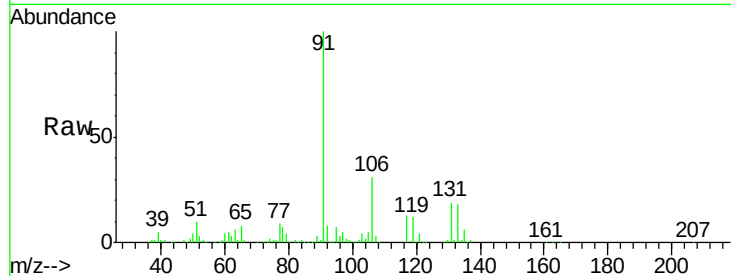
#67
Ethyl Benzene
Concen: 10.285 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 178065
Ion Ratio Lower Upper
91 100
106 31.0 25.9 38.9

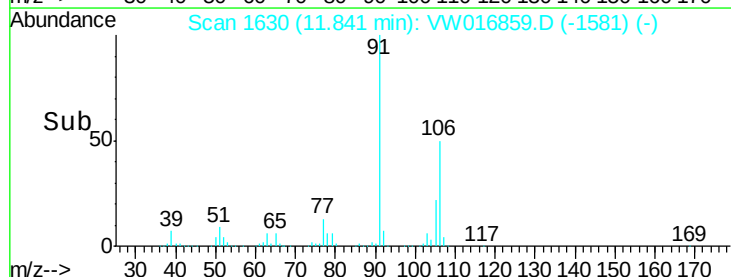
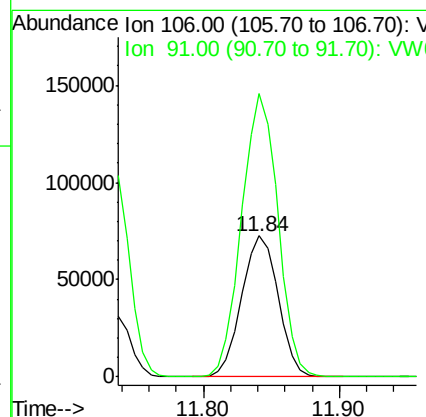
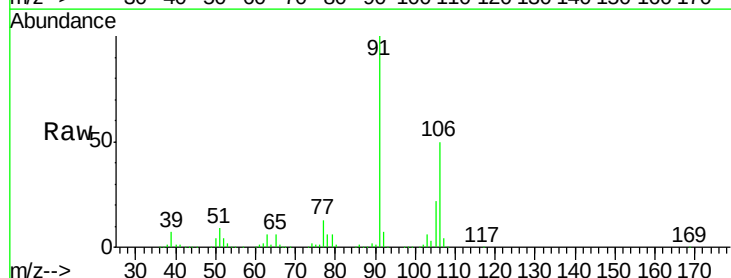
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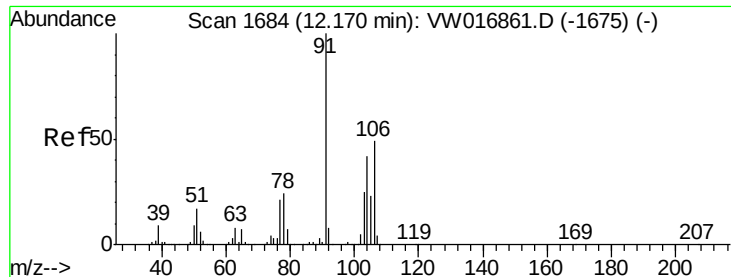
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10/12/2020 1:58:43 PM



#68
m/p-Xylenes
Concen: 20.340 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion: 106 Resp: 136959
Ion Ratio Lower Upper
106 100
91 198.5 157.4 236.0





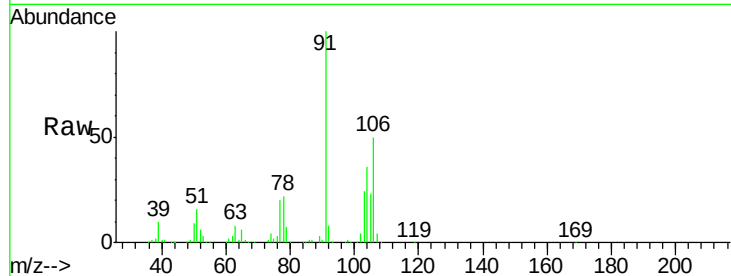
#69
o-Xylene
Concen: 10.177 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

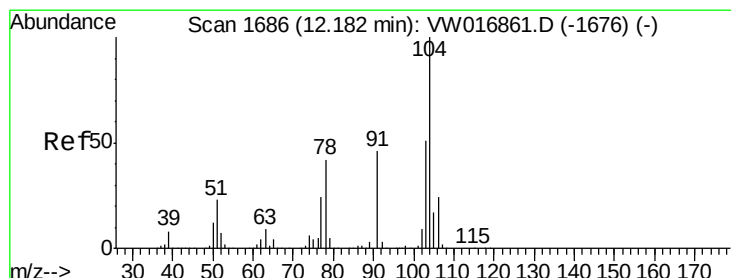
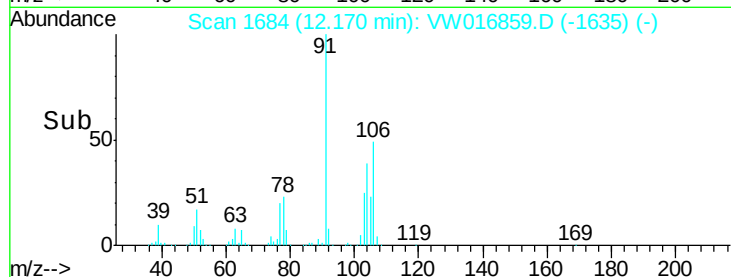
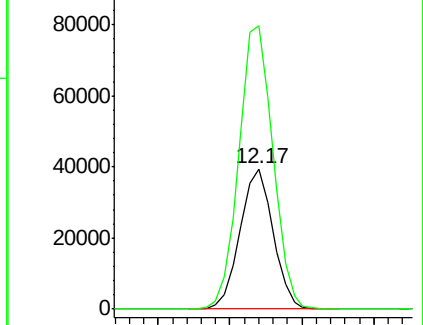
Tot Ion:106 Resp: 62886
Ion Ratio Lower Upper
106 100
91 208.1 103.6 310.9

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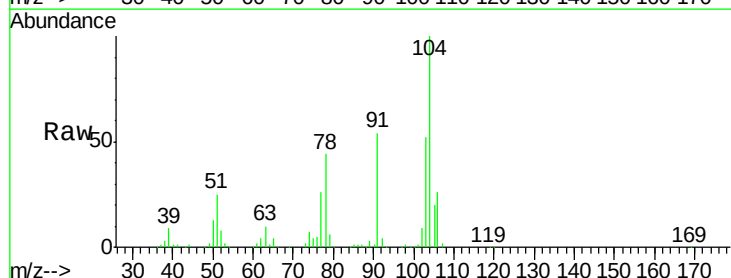


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VW

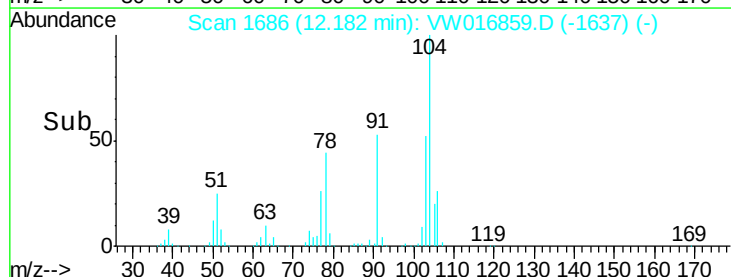
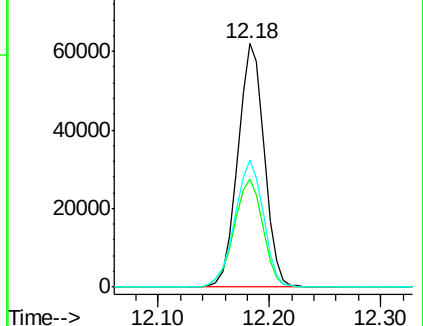


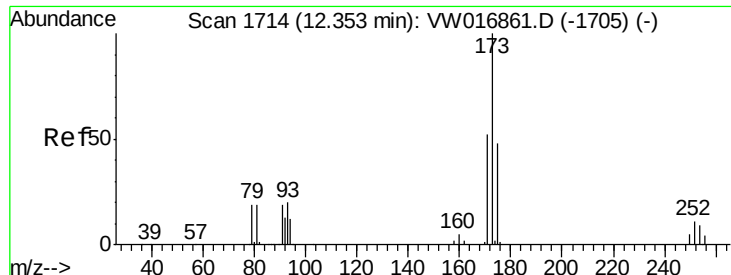
#70
Styrene
Concen: 9.935 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion:104 Resp: 102167
Ion Ratio Lower Upper
104 100
78 48.4 37.6 56.4
103 55.9 43.6 65.4



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 9.759 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:173 Resp: 17214

Ion Ratio Lower Upper

173 100

175 45.0 24.7 74.1

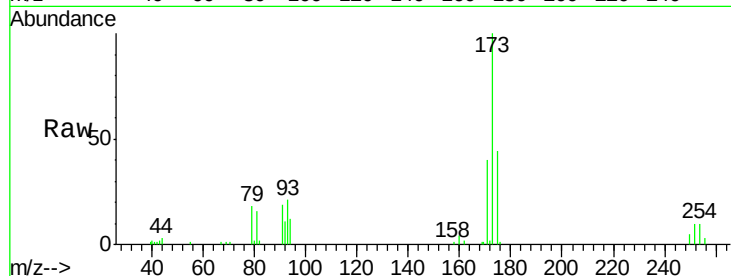
254 0.0 0.1 0.1#

Manual Integrations

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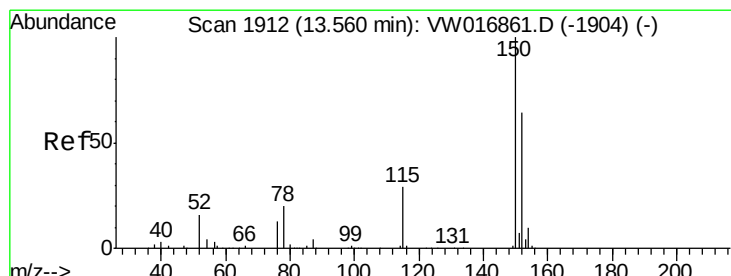
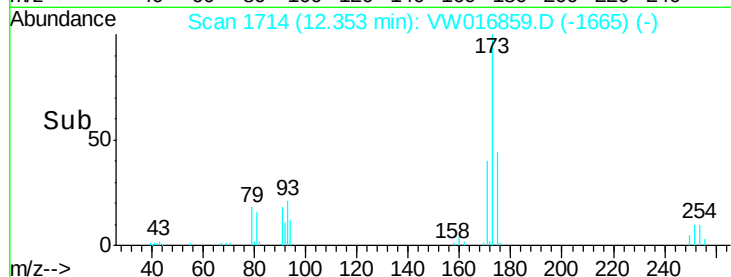
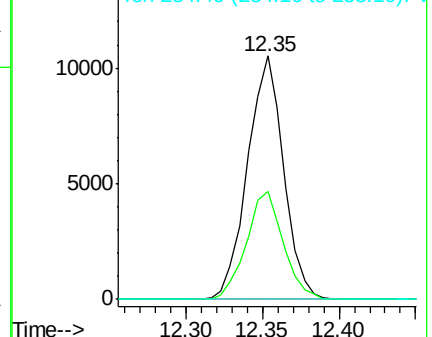
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

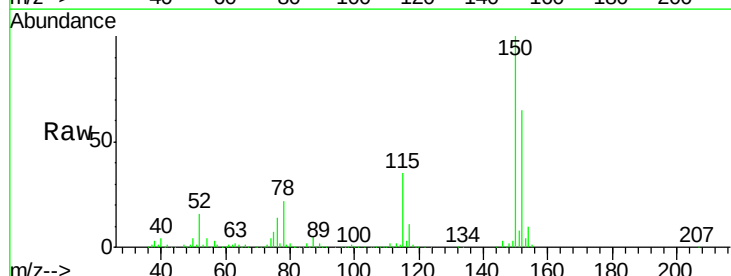
Tgt Ion:152 Resp: 263198

Ion Ratio Lower Upper

152 100

115 56.6 27.9 83.7

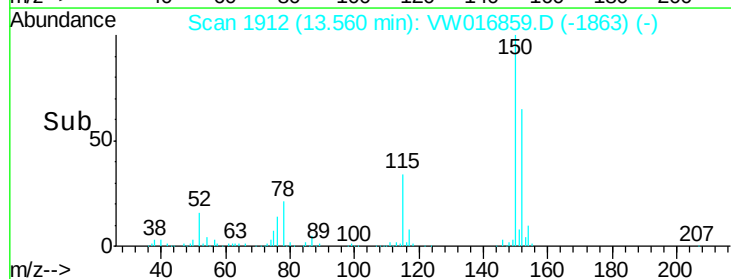
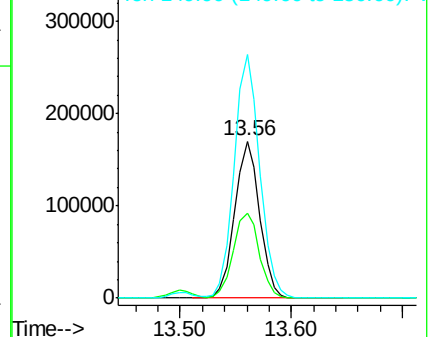
150 158.6 0.0 344.0

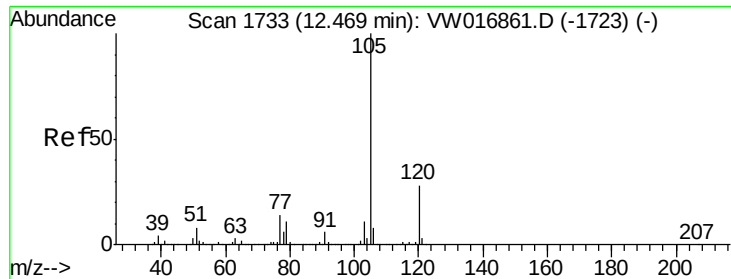


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





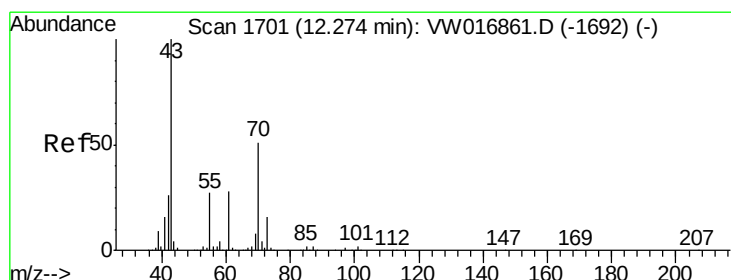
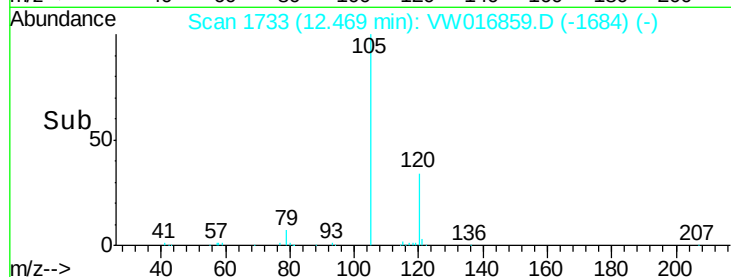
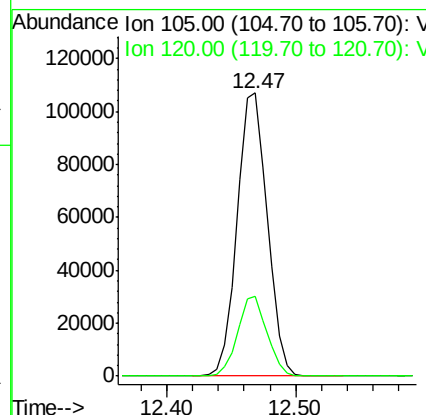
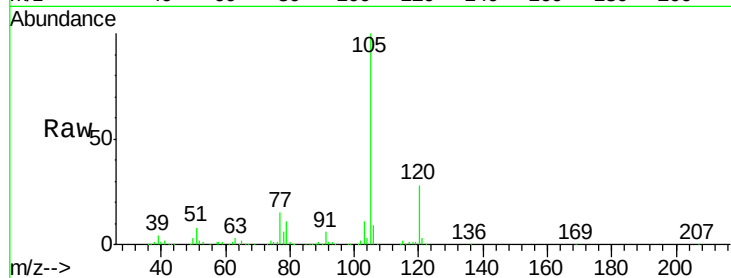
#73
Isopropylbenzene
Concen: 9.951 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.6	40.7

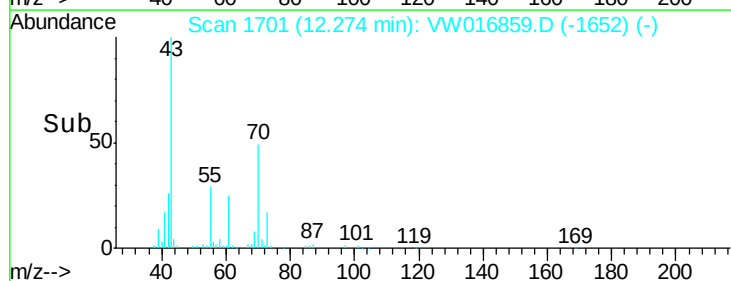
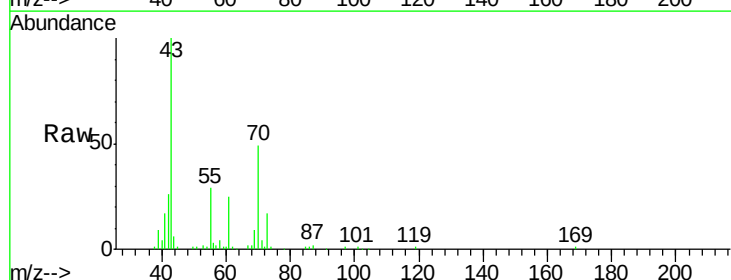
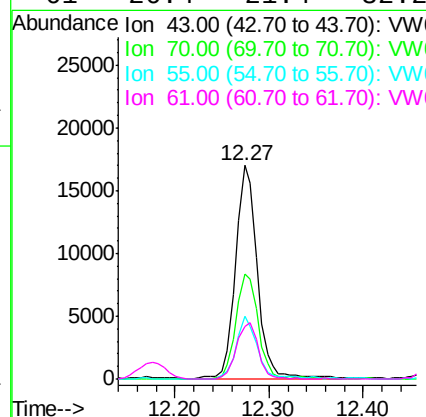
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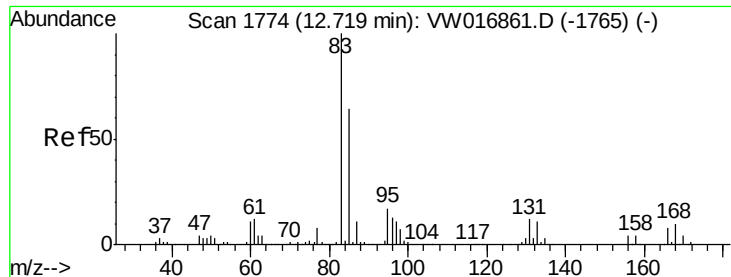
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#74
N-ethyl acetate
Concen: 9.815 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
43	100		
70	50.9	40.2	60.4
55	28.0	21.4	32.0
61	26.4	21.4	32.2





#75

1,1,2,2-Tetrachloroethane

Concen: 10.374 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

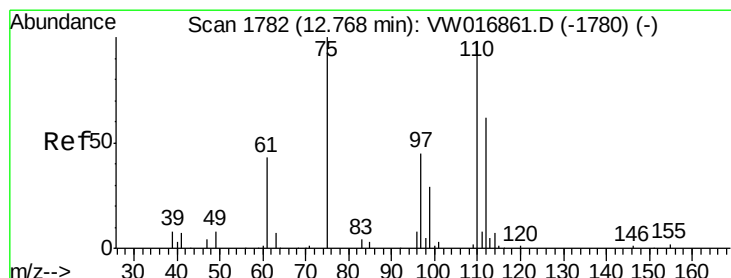
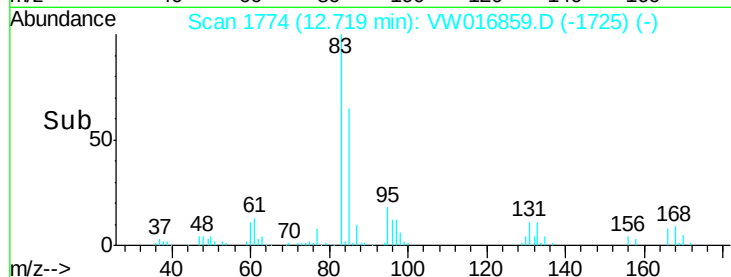
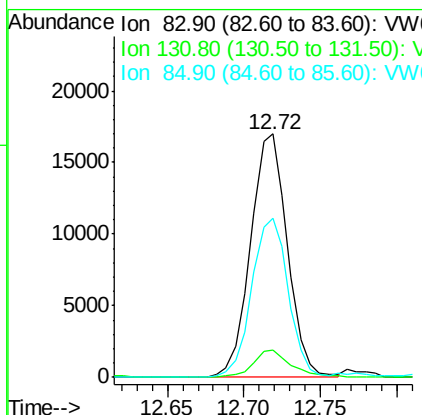
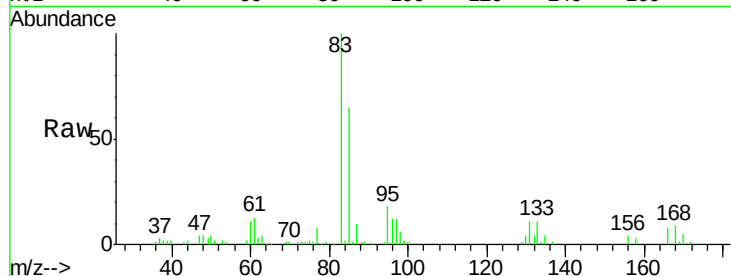
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	28474
Ion Ratio	Lower	Upper	
83	100		
131	11.5	6.1	18.3
85	64.9	32.7	98.1

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 12.112 ug/l m

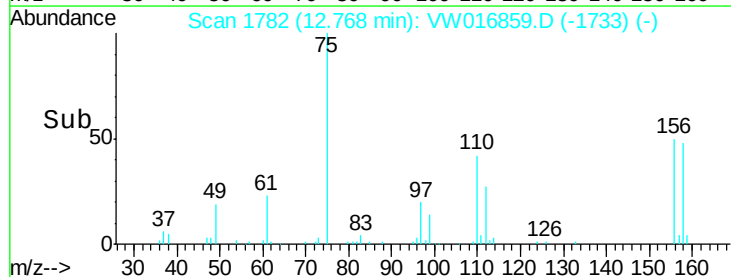
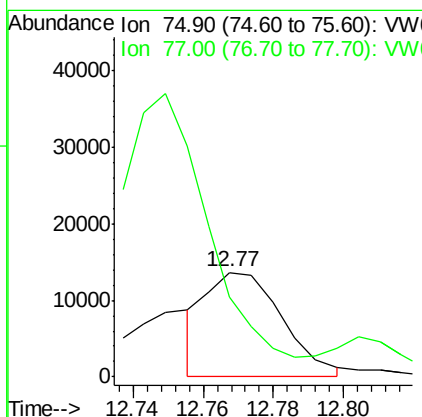
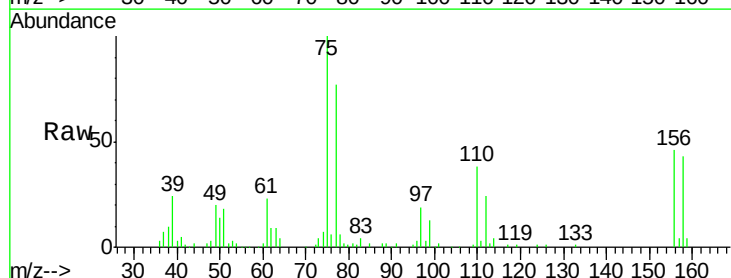
RT: 12.77 min Scan# 1782

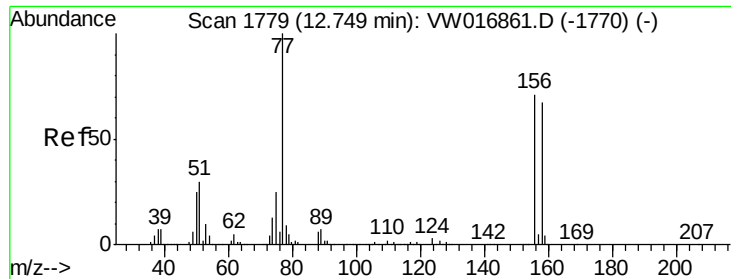
Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion:	75	Resp:	20566
Ion Ratio	Lower	Upper	
75	100		
77	334.8	178.8	536.3





#77

Bromobenzene

Concen: 10.149 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

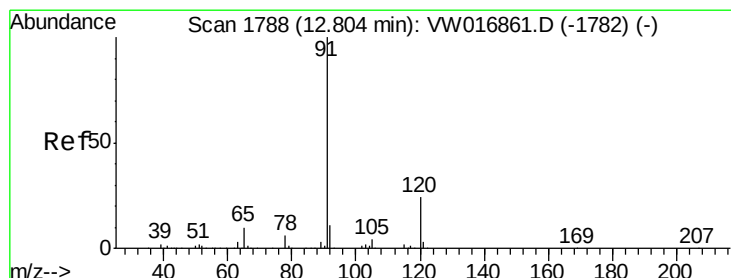
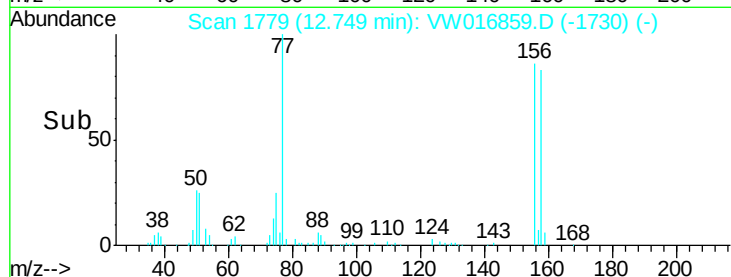
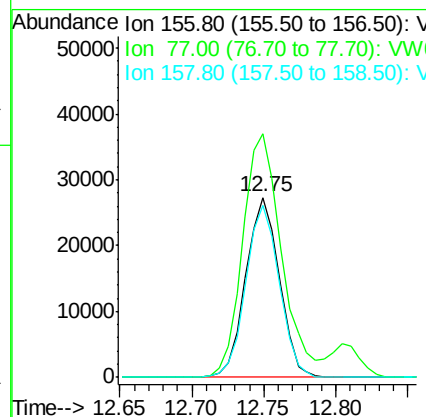
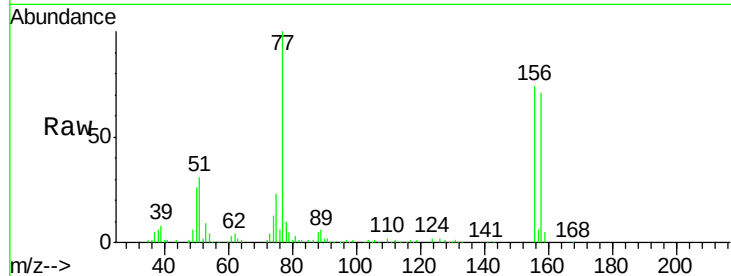
ClientSampleId :

VSTDIC010

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	156.9	79.0	237.2	
158	95.5	47.0	141.2	

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#78

n-propylbenzene

Concen: 10.107 ug/l

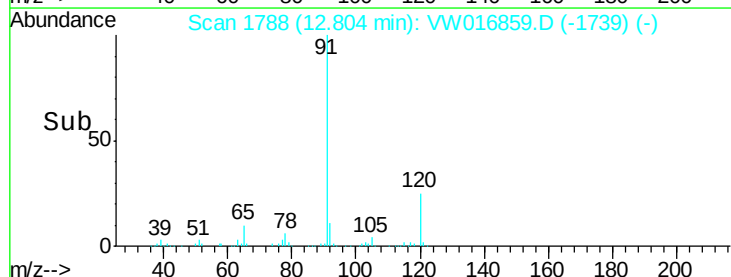
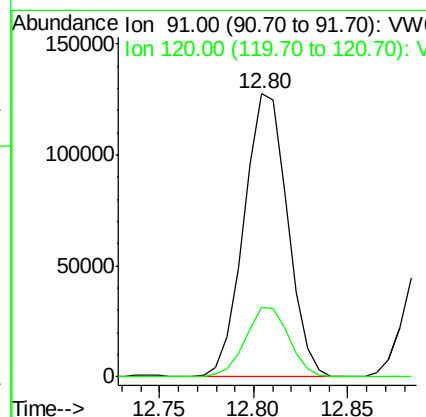
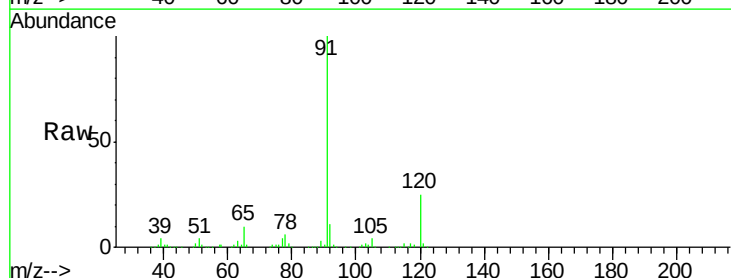
RT: 12.80 min Scan# 1788

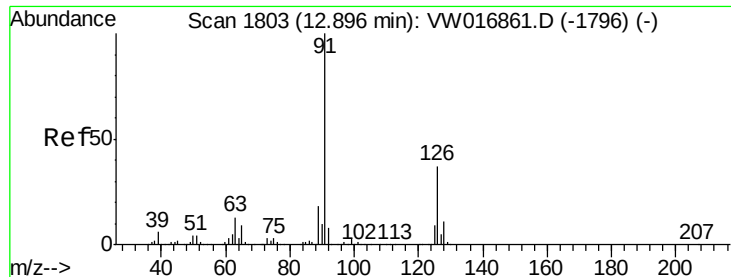
Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	24.5	12.0	36.1	





#79

2-Chlorotoluene

Concen: 10.133 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 91 Resp: 116622

Ion Ratio Lower Upper

91 100

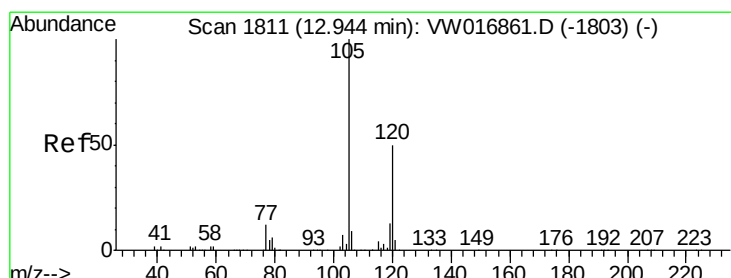
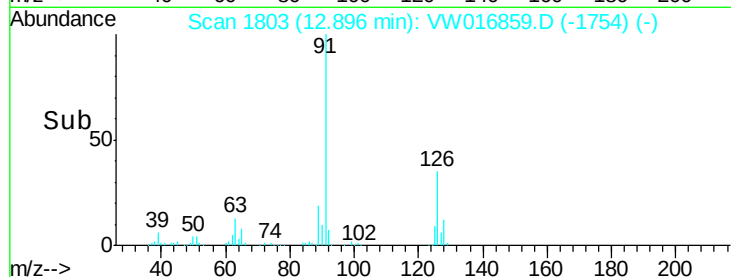
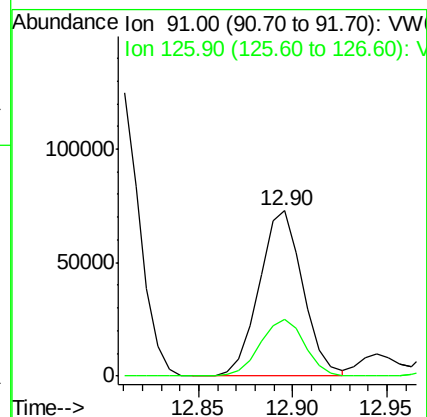
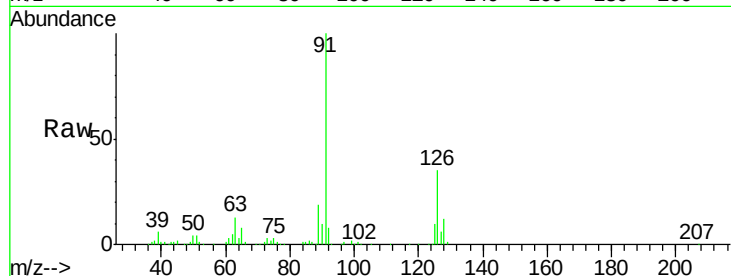
126 35.1 17.9 53.8

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 10.034 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW016859.D

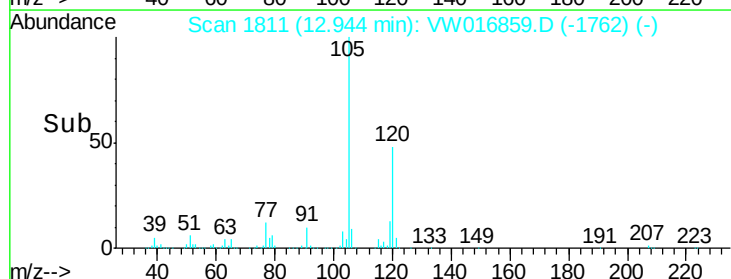
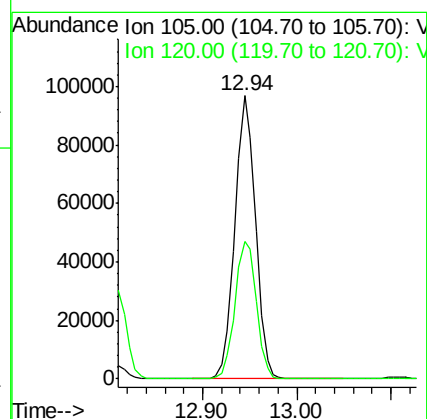
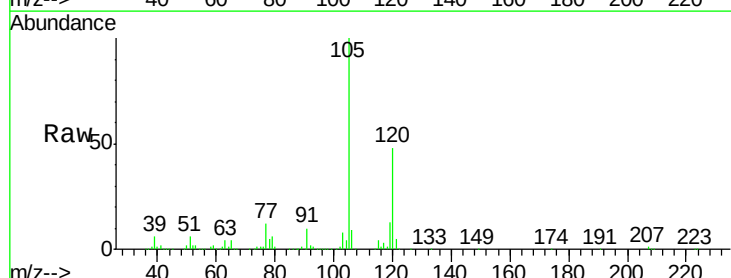
Acq: 09 Oct 2020 14:13

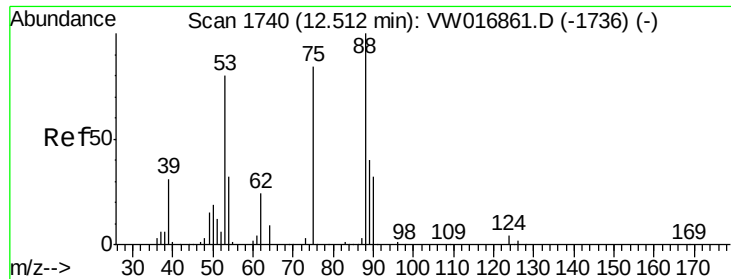
Tgt Ion: 105 Resp: 147104

Ion Ratio Lower Upper

105 100

120 50.3 24.9 74.8





#81

trans-1,4-Dichloro-2-butene

Concen: 9.035 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

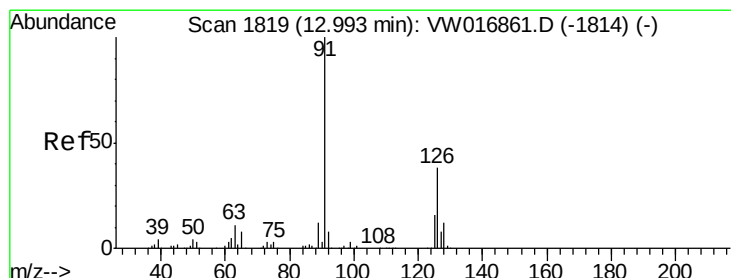
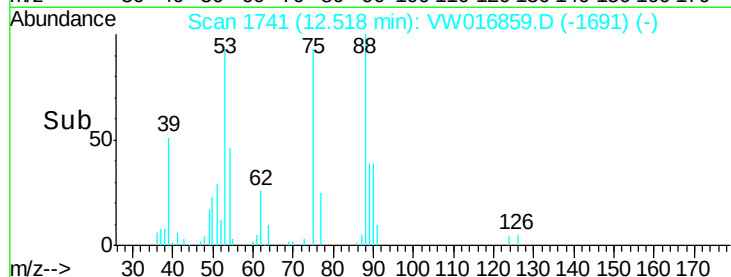
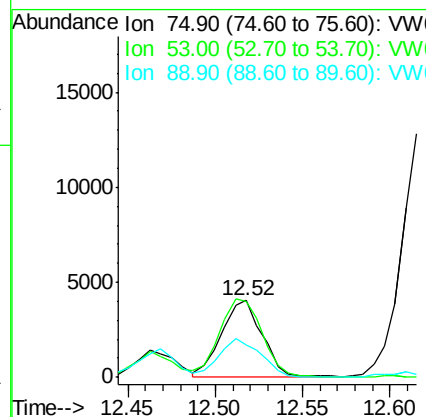
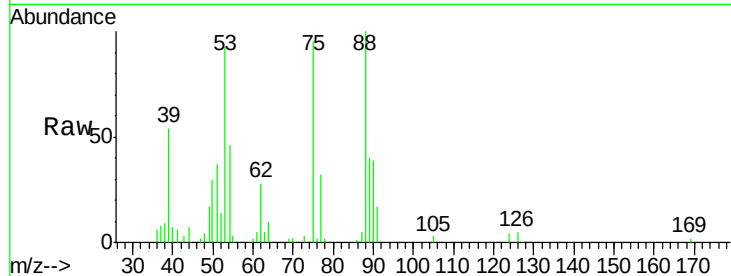
ClientSampleId :

VSTDIC010

Tot Ion:	75	Resp:	6601
Ion	Ratio	Lower	Upper
75	100		
53	105.3	77.0	115.4
89	51.0	38.7	58.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 10.323 ug/l

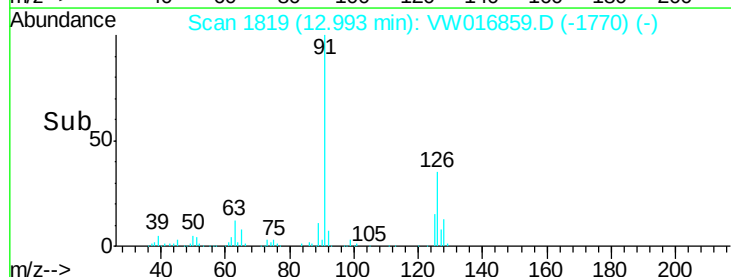
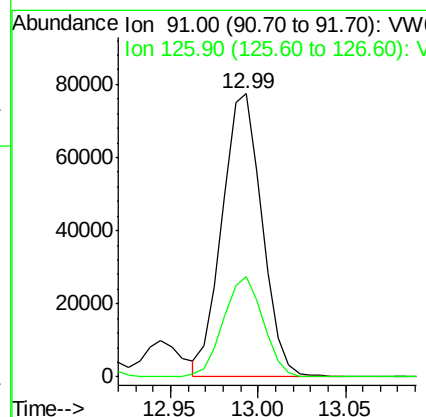
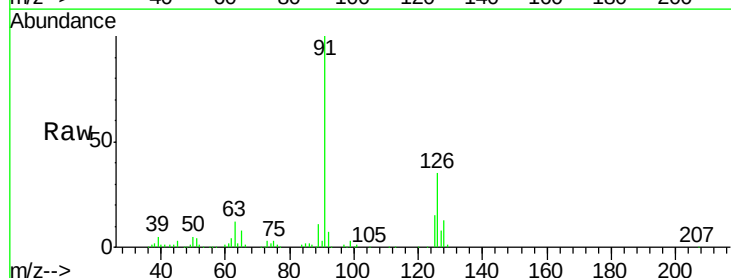
RT: 12.99 min Scan# 1819

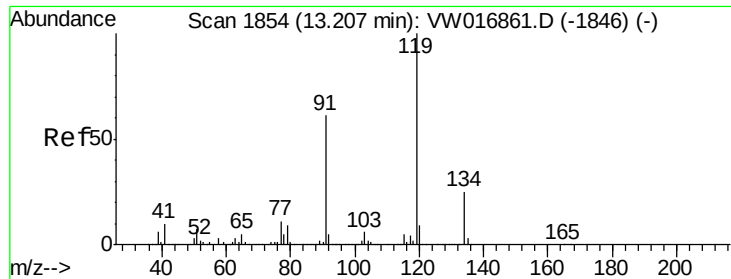
Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion:	91	Resp:	122645
Ion	Ratio	Lower	Upper
91	100		
126	35.3	18.1	54.3





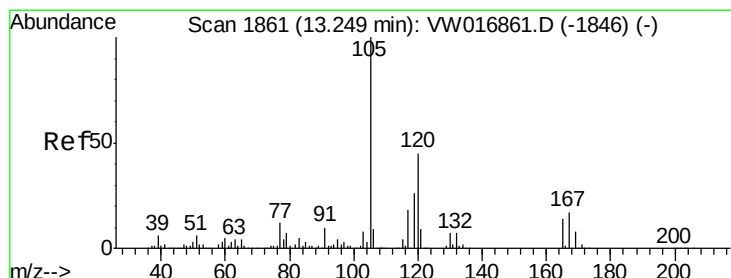
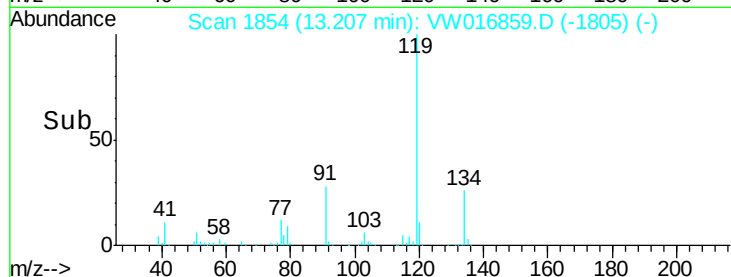
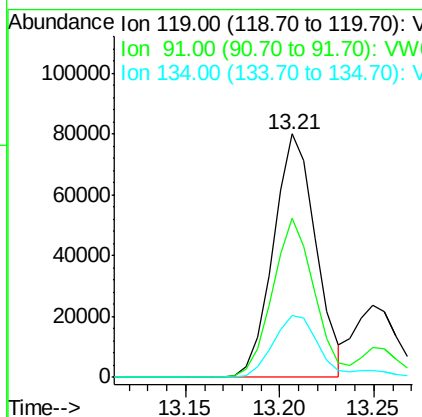
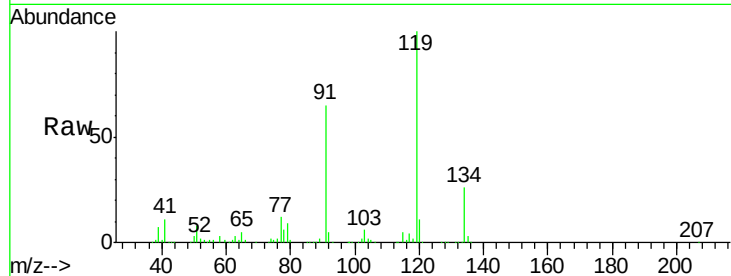
#83
tert-Butylbenzene
Concen: 9.834 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	125222		
91	64.6	31.3	93.9	
134	26.9	14.0	42.0	

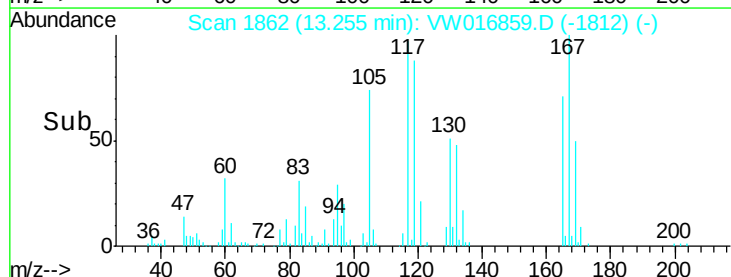
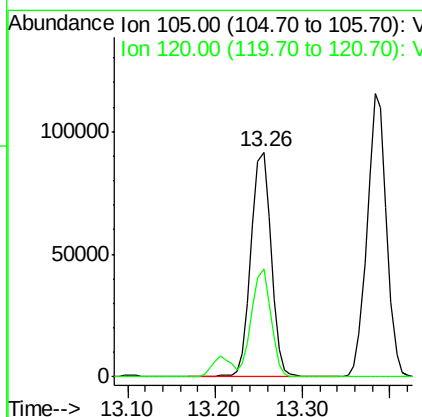
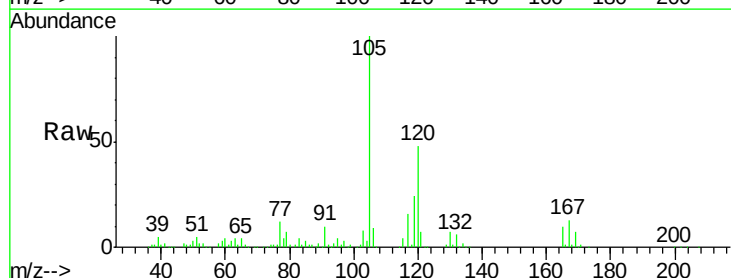
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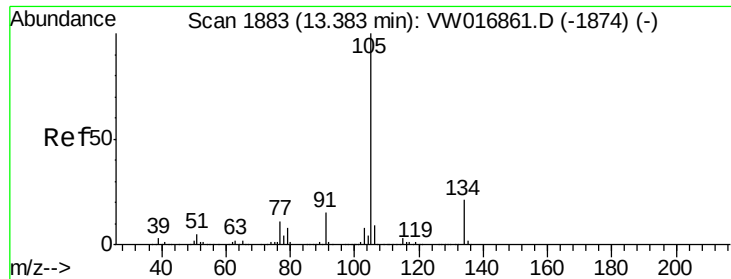
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#84
1,2,4-Trimethylbenzene
Concen: 10.019 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	146359		
120	46.1	23.4	70.0	





#85

sec-Butylbenzene

Concen: 10.094 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 178910

Ion Ratio Lower Upper

105 100

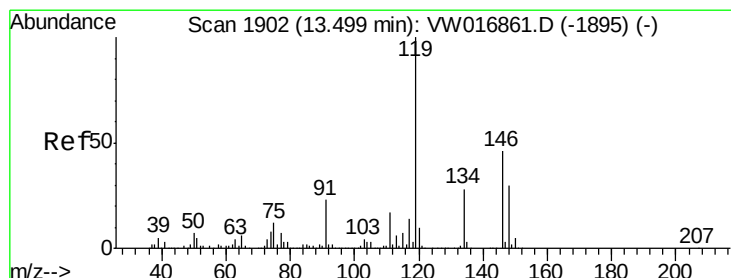
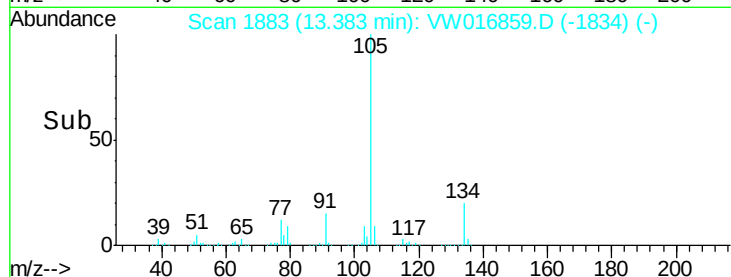
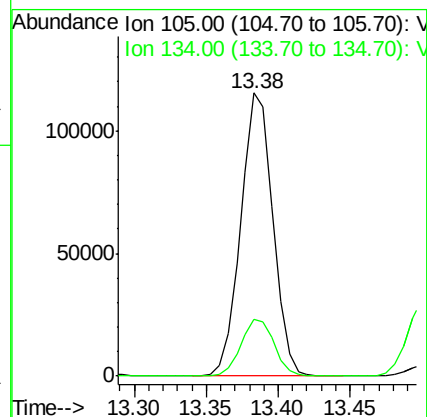
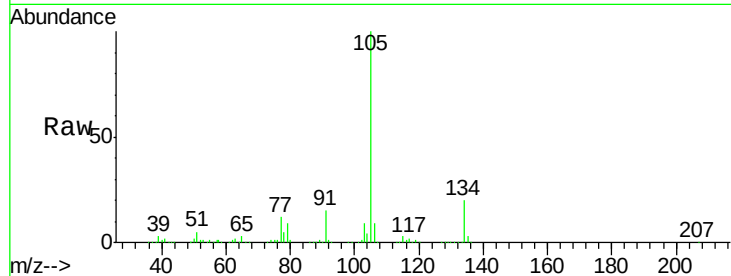
134 20.7 10.6 31.8

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#86

p-Isopropyltoluene

Concen: 10.086 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

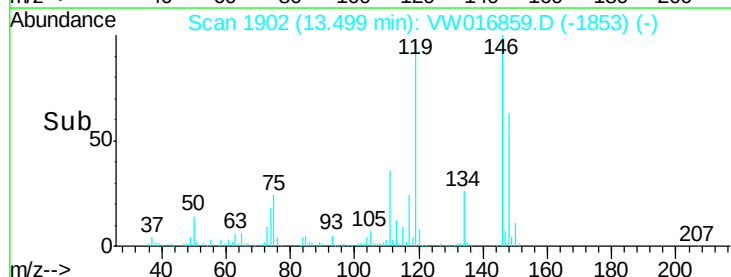
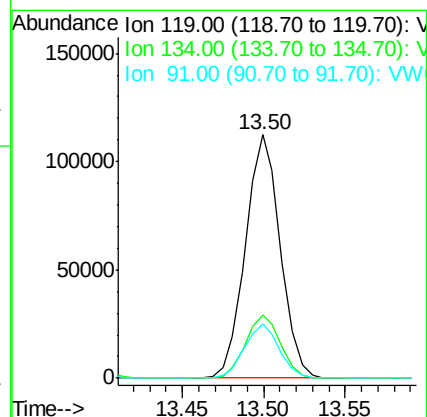
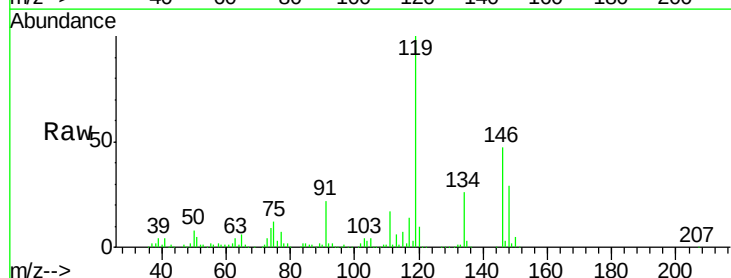
Tgt Ion:119 Resp: 166466

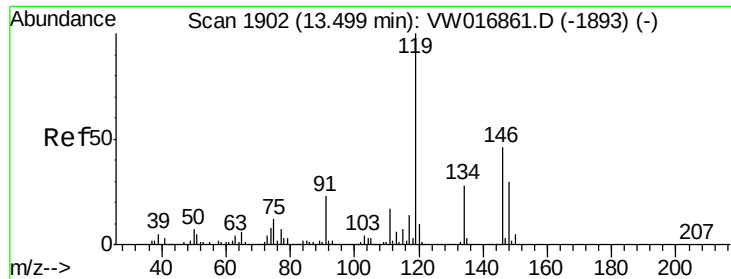
Ion Ratio Lower Upper

119 100

134 26.3 13.8 41.3

91 22.1 11.3 33.9





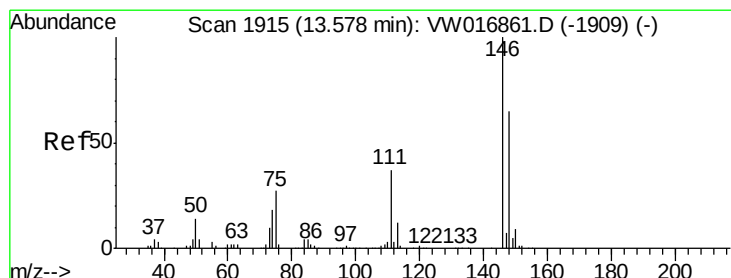
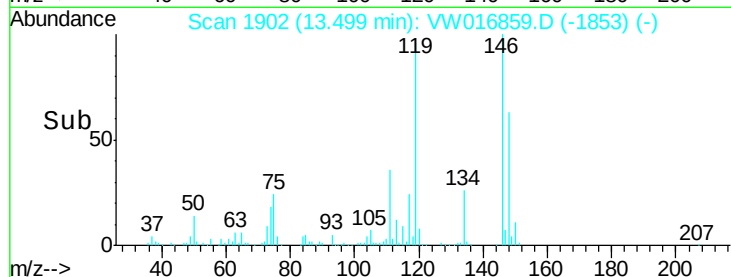
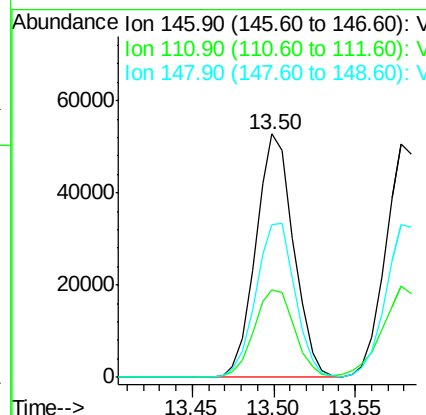
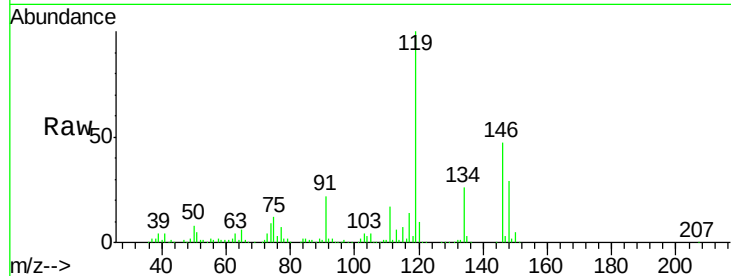
#87
 1,3-Dichlorobenzene
 Concen: 10.135 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	65.8	32.5	97.4

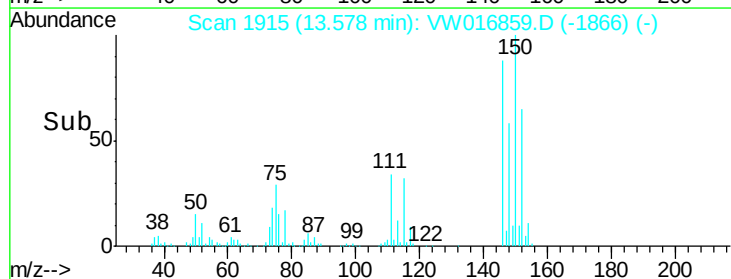
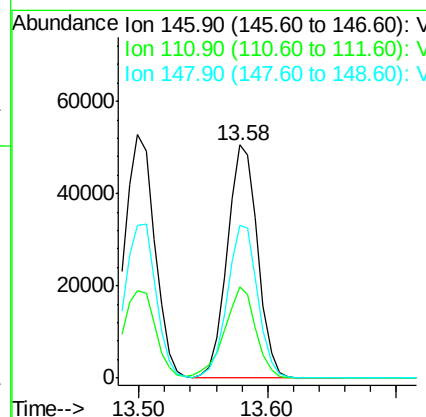
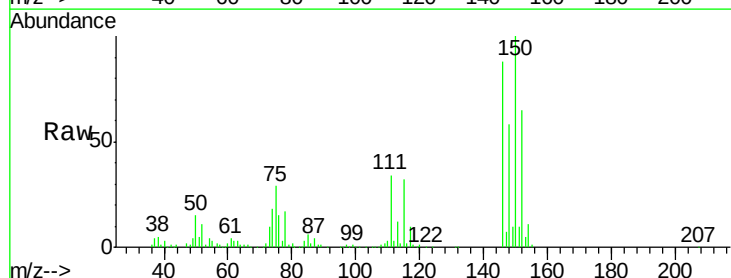
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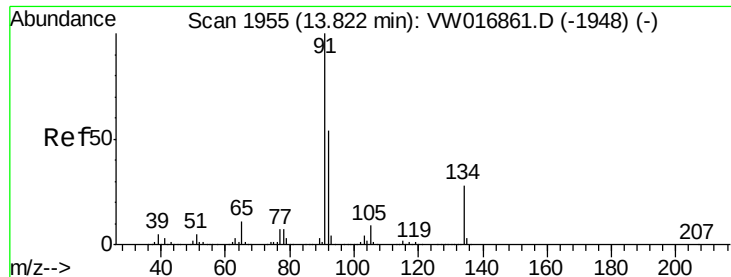
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#88
 1,4-Dichlorobenzene
 Concen: 10.173 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	18.5	55.5
148	65.4	31.8	95.4





#89

n-Butylbenzene

Concen: 9.872 ug/l

RT: 13.82 min Scan# 1955

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

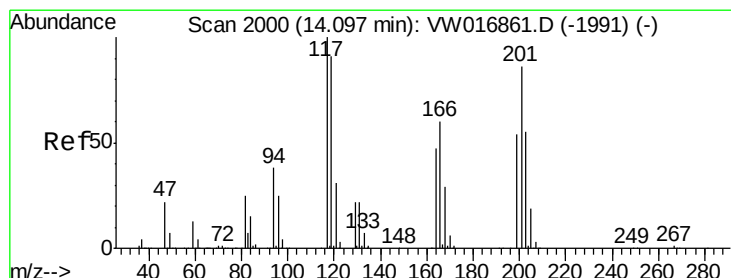
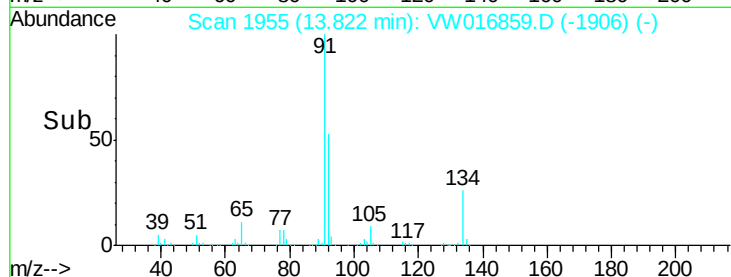
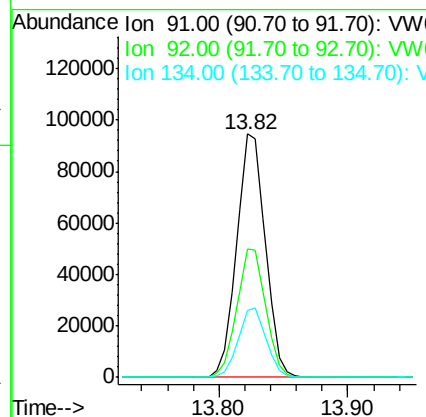
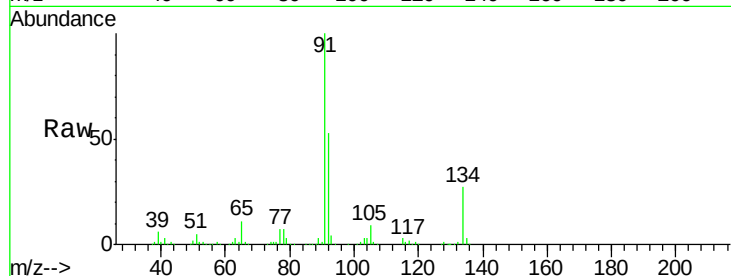
ClientSampleId :

VSTDIC010

Tot Ion:	91	Resp:	146778
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.6	79.7
134	27.6	14.3	42.9

Manual Integrations
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#90

Hexachloroethane

Concen: 9.583 ug/l

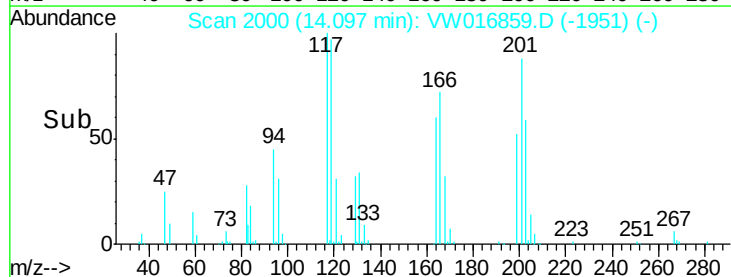
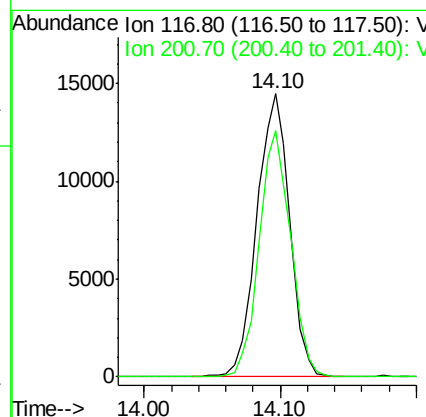
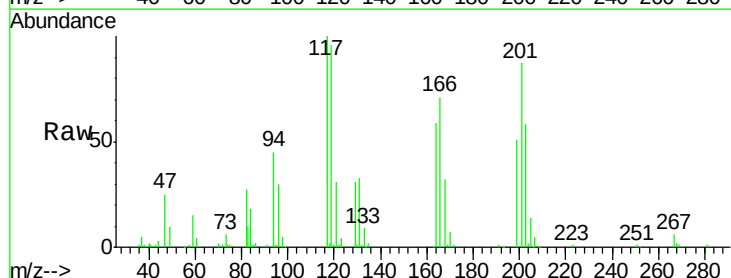
RT: 14.10 min Scan# 2000

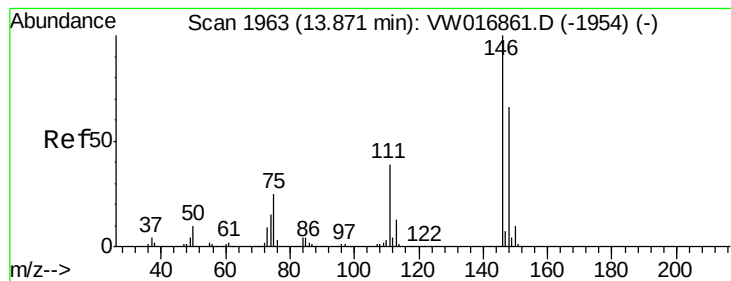
Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Tgt Ion:	117	Resp:	24405
Ion	Ratio	Lower	Upper
117	100		
201	83.8	41.9	125.7





#91

1,2-Dichlorobenzene

Concen: 10.293 ug/l

RT: 13.87 min Scan# 1963

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:146 Resp: 74268

Ion Ratio Lower Upper

146 100

111 39.1 20.1 60.3

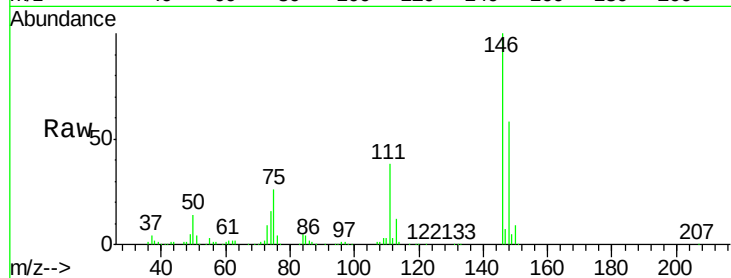
148 63.7 33.1 99.3

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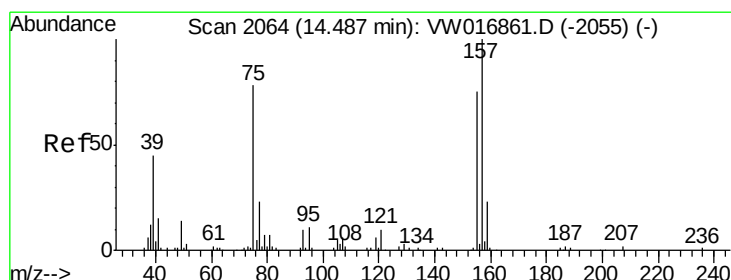
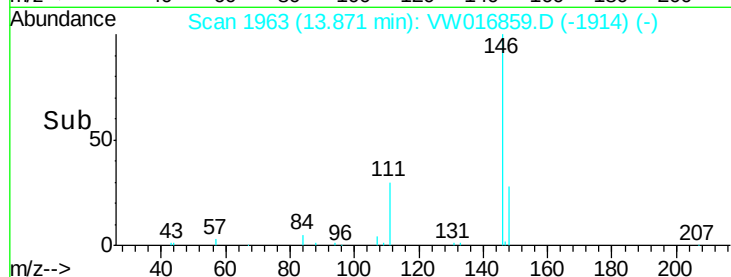
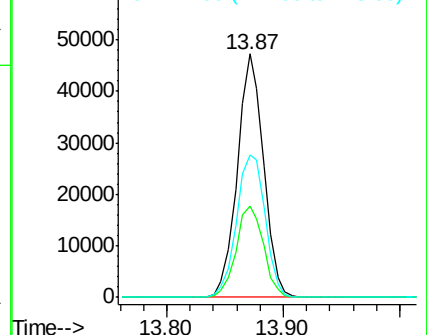
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Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 10.108 ug/l

RT: 14.49 min Scan# 2064

Delta R.T. 0.00 min

Lab File: VW016859.D

Acq: 09 Oct 2020 14:13

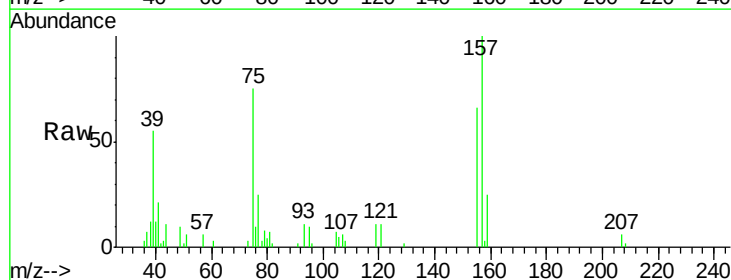
Tgt Ion: 75 Resp: 4249

Ion Ratio Lower Upper

75 100

155 94.3 47.6 142.8

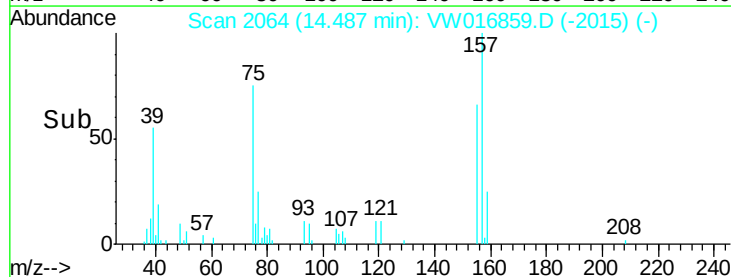
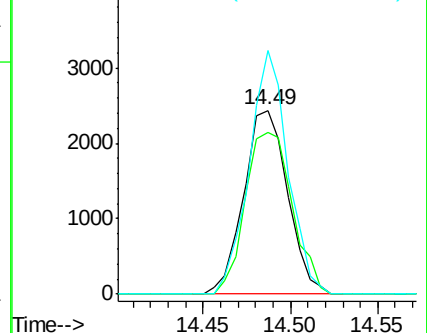
157 116.7 62.2 186.6

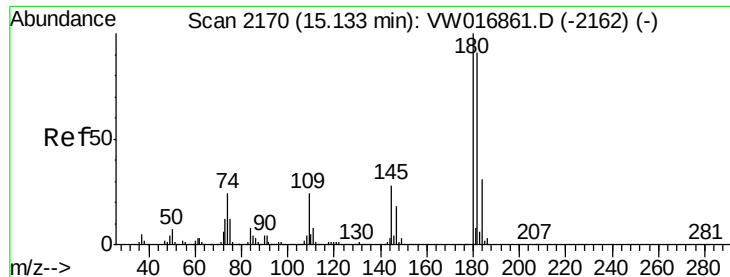


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





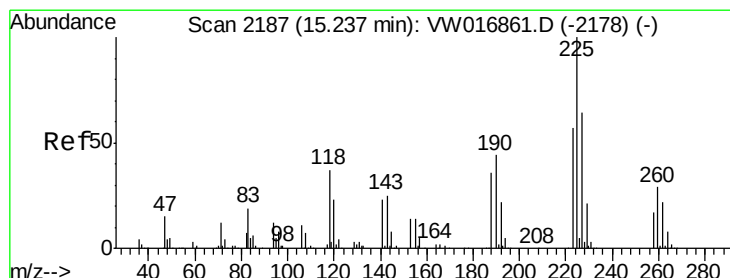
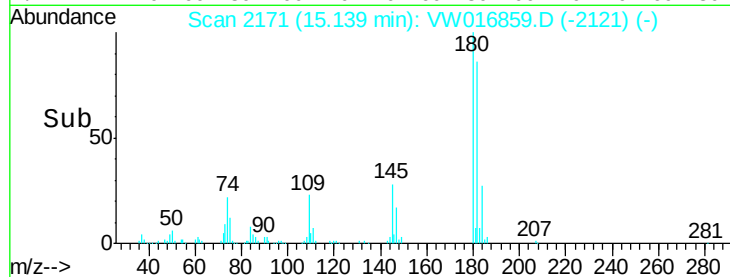
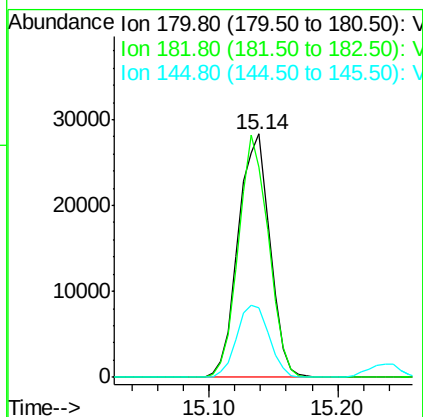
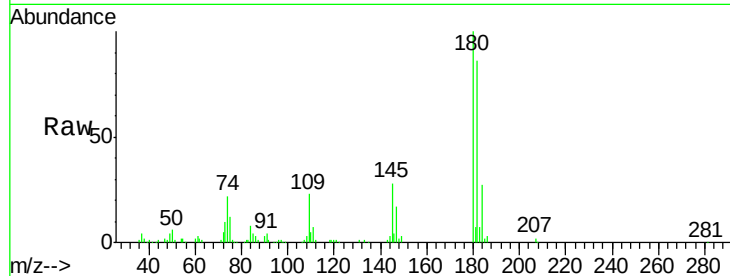
#93
 1,2,4-Trichlorobenzene
 Concen: 9.685 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.01 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
180	100	48215		
182	94.9		48.3	144.9
145	30.4		14.9	44.5

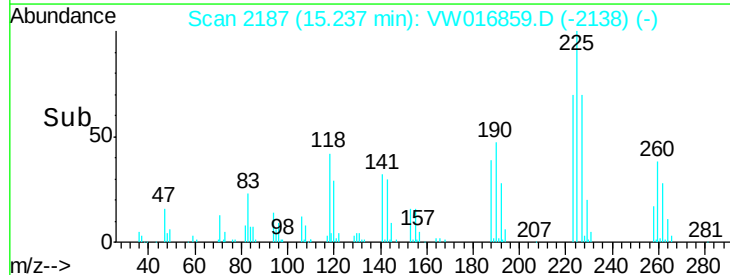
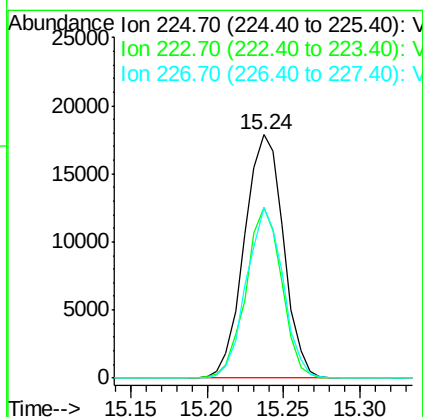
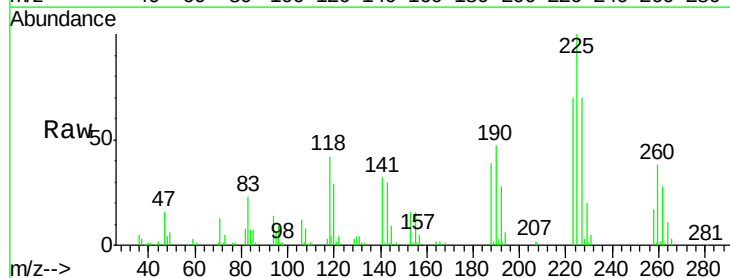
Manual Integrations
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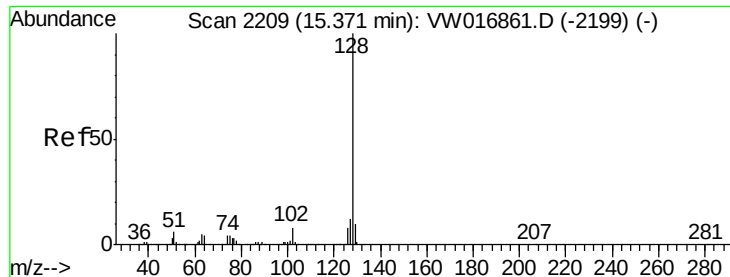
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 10/12/2020 1:58:43 PM



#94
 Hexachlorobutadiene
 Concen: 9.858 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW016859.D
 Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31815		
223	63.9		31.9	95.7
227	65.4		33.0	99.0





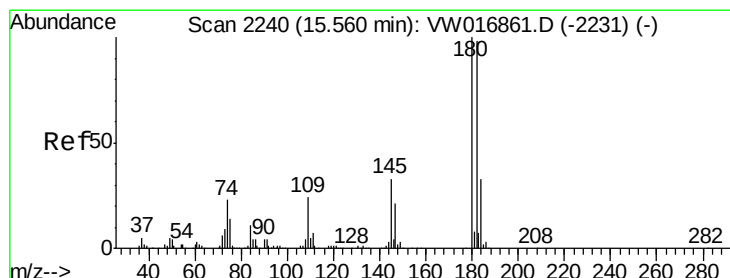
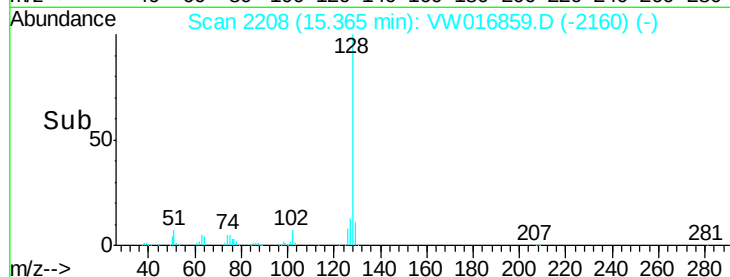
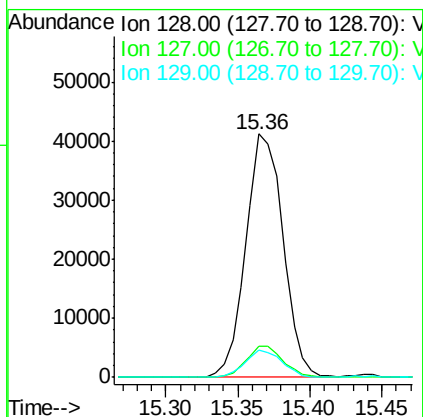
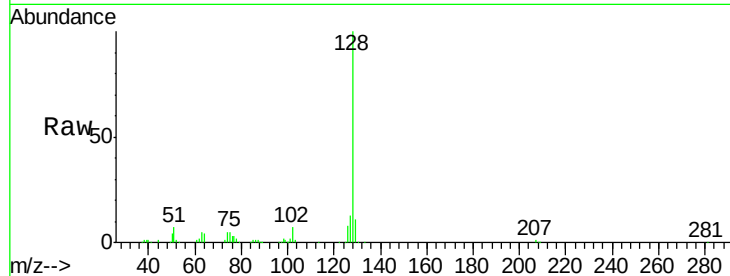
#95
Naphthalene
Concen: 9.106 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.01 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC010

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.0	8.6	12.8

Manual Integrations
APPROVED

apatel
10/12/2020 1:58:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 9.845 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW016859.D
Acq: 09 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	49.4	148.2
145	30.2	16.3	48.9

