

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015253.D
 Acq On : 21 Apr 2020 11:19
 Operator : SY/VA
 Sample : VW0421SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 11:42:26 AM

Quant Time: Apr 22 06:28:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 21 06:39:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	229840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	332009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	176812	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	94164	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
35) Dibromofluoromethane	7.88	113	91712	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
50) Toluene-d8	10.32	98	364652	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	141679	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	35871	19.763	ug/l	97
3) Chloromethane	2.22	50	39968	20.221	ug/l	100
4) Vinyl Chloride	2.36	62	47047	20.157	ug/l	99
5) Bromomethane	2.75	94	36384	21.924	ug/l	92
6) Chloroethane	2.92	64	27923	19.287	ug/l	98
7) Trichlorofluoromethane	3.26	101	65964	19.973	ug/l	96
8) Diethyl Ether	3.69	74	19638	21.183	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.07	101	40653	19.960	ug/l	93
10) Methyl Iodide	4.28	142	42265	19.757	ug/l	98
11) Tert butyl alcohol	5.17	59	16681	108.876	ug/l	97
12) 1,1-Dichloroethene	4.04	96	38958	19.872	ug/l	94
13) Acrolein	3.90	56	11238	140.142	ug/l	99
14) Allyl chloride	4.68	41	50391	19.376	ug/l #	86
15) Acrylonitrile	5.38	53	38466	109.033	ug/l	99
16) Acetone	4.13	43	34614	105.441	ug/l	96
17) Carbon Disulfide	4.39	76	113730	19.522	ug/l	99
18) Methyl Acetate	4.68	43	17611	20.267	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	97307	21.622	ug/l	94
20) Methylene Chloride	4.93	84	44463	20.666	ug/l	90
21) trans-1,2-Dichloroethene	5.43	96	43709	19.659	ug/l	92
22) Diisopropyl ether	6.32	45	101921	20.428	ug/l #	91
23) Vinyl Acetate	6.26	43	310865	106.178	ug/l	95
24) 1,1-Dichloroethane	6.22	63	69849	20.201	ug/l	98
25) 2-Butanone	7.17	43	46793	107.437	ug/l #	88
26) 2,2-Dichloropropane	7.17	77	70215	19.302	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	48842	20.348	ug/l	98
28) Bromochloromethane	7.52	49	25241	20.078	ug/l #	75
29) Tetrahydrofuran	7.53	42	30157	111.138	ug/l	88
30) Chloroform	7.68	83	74511	19.966	ug/l	99
31) Cyclohexane	7.96	56	65482	18.840	ug/l #	89
32) 1,1,1-Trichloroethane	7.87	97	70446	19.559	ug/l	98
36) 1,1-Dichloropropene	8.09	75	58984	19.684	ug/l	98
37) Ethyl Acetate	7.26	43	21399	22.004	ug/l #	95
38) Carbon Tetrachloride	8.07	117	63856	19.500	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76632	19.214	ug/l	97
40) Benzene	8.33	78	158902	19.851	ug/l	98
41) Methacrylonitrile	7.49	41	12397	21.245	ug/l	91
42) 1,2-Dichloroethane	8.40	62	49324	20.931	ug/l	99
43) Isopropyl Acetate	8.43	43	44344	21.740	ug/l	96
44) Trichloroethene	9.10	130	48622	19.858	ug/l	94
45) 1,2-Dichloropropane	9.37	63	37792	20.302	ug/l	96
46) Dibromomethane	9.46	93	22724	21.103	ug/l #	85
47) Bromodichloromethane	9.65	83	57402	19.941	ug/l	99
48) Methyl methacrylate	9.44	41	19410	20.130	ug/l #	82
49) 1,4-Dioxane	9.45	88	6236	434.414	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	105773	110.469	ug/l	96
52) Toluene	10.39	92	111830	19.962	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	58382	20.569	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	67894	20.579	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	32395	21.485	ug/l	97
56) Ethyl methacrylate	10.65	69	40919	21.066	ug/l	93
57) 1,3-Dichloropropane	10.93	76	52790	21.136	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	94220	104.626	ug/l	90
59) 2-Hexanone	10.97	43	73727	107.868	ug/l	96
60) Dibromochloromethane	11.13	129	41681	20.937	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31559	21.450	ug/l	97
64) Tetrachloroethene	10.87	164	43889	19.535	ug/l	93
65) Chlorobenzene	11.66	112	122588	19.846	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45566	20.524	ug/l	98
67) Ethyl Benzene	11.73	91	226267	19.642	ug/l	97
68) m/p-Xylenes	11.84	106	179628	39.782	ug/l	97
69) o-Xylene	12.16	106	83817	19.888	ug/l	99
70) Styrene	12.18	104	145160	20.206	ug/l	99
71) Bromoform	12.35	173	26038	20.815	ug/l #	99
73) Isopropylbenzene	12.46	105	230031	18.764	ug/l	100
74) N-amyl acetate	12.27	43	44264	20.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.71	83	35048	20.136	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	27686m	20.241	ug/l	
77) Bromobenzene	12.74	156	55993	19.880	ug/l	84
78) n-propylbenzene	12.80	91	270067	18.921	ug/l	97
79) 2-Chlorotoluene	12.89	91	152486	18.957	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	201522	19.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	12560	20.073	ug/l	96
82) 4-Chlorotoluene	12.99	91	162584	19.036	ug/l	95
83) tert-Butylbenzene	13.21	119	174260	18.880	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	201953	19.389	ug/l	100
85) sec-Butylbenzene	13.38	105	241886	18.976	ug/l	98
86) p-Isopropyltoluene	13.50	119	227456	19.204	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	111057	19.845	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	111160	20.263	ug/l	97
89) n-Butylbenzene	13.82	91	204191	18.861	ug/l	98
90) Hexachloroethane	14.09	117	41689	19.192	ug/l	74
91) 1,2-Dichlorobenzene	13.87	146	99213	20.402	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6464	20.521	ug/l	84

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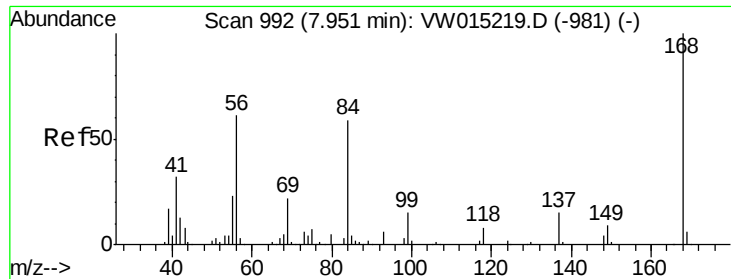
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	68759	20.342	ug/l	96
94) Hexachlorobutadiene	15.24	225	44573	19.779	ug/l	97
95) Naphthalene	15.36	128	112168	20.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	56209	20.438	ug/l	99

(#) = 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: VW015253.D

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Instrument :

MSVOA_W

ClientSampleId :

VW0421SBSD01

Tot Ion:168 Resp: 229840

Ion Ratio Lower Upper

168 100

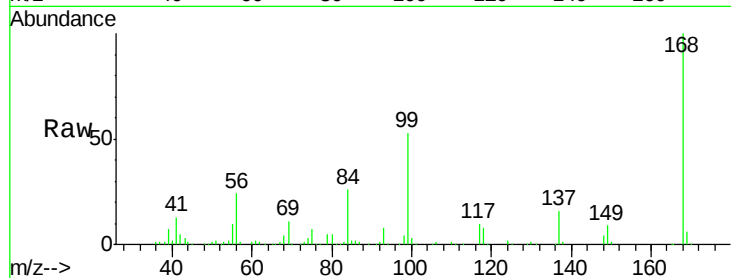
99 52.7 48.5 72.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

120000

100000

80000

60000

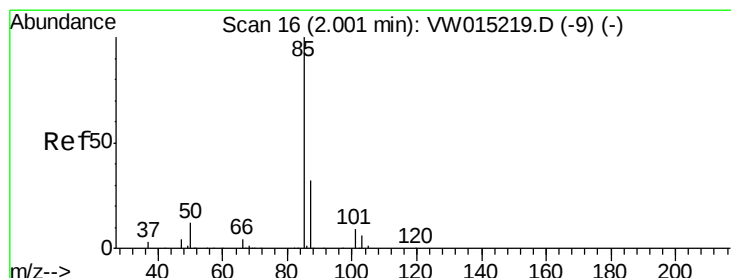
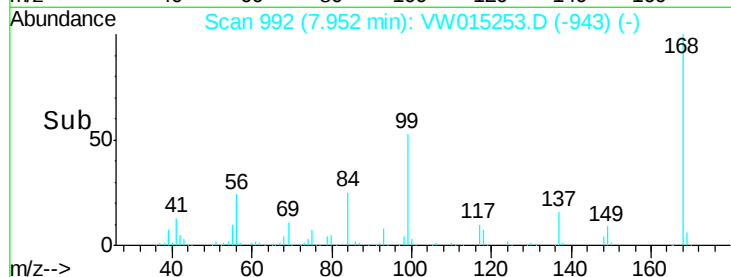
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 19.763 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015253.D

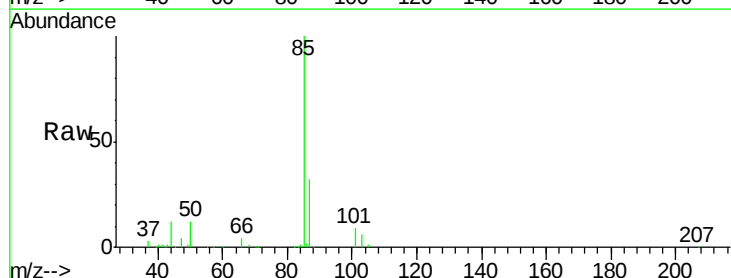
Acq: 21 Apr 2020 11:19

Tgt Ion: 85 Resp: 35871

Ion Ratio Lower Upper

85 100

87 32.5 17.2 51.6



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

30000

25000

20000

15000

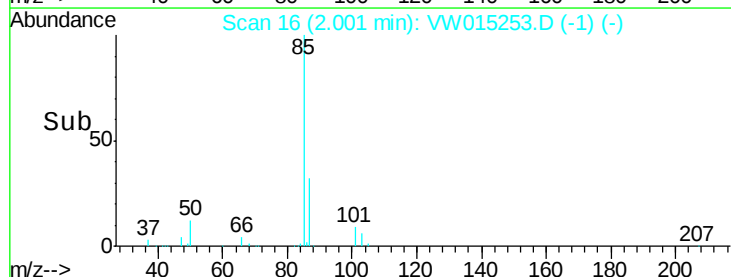
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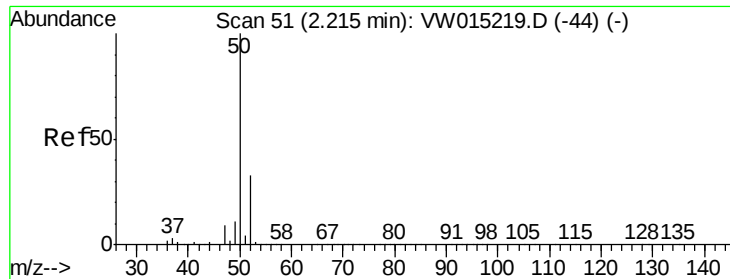
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.221 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBSD01

Tot Ion: 50 Resp: 39968

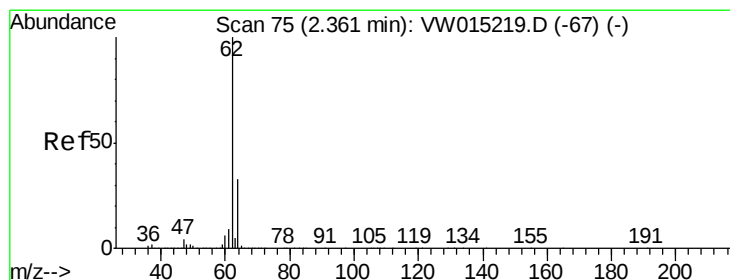
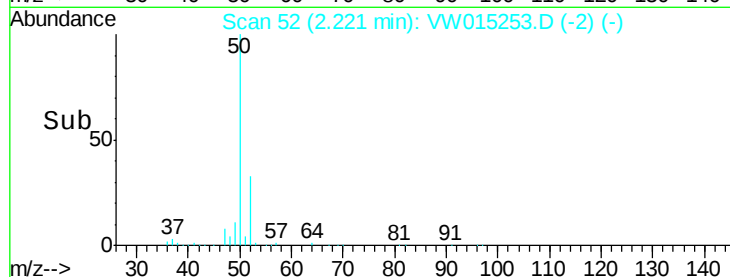
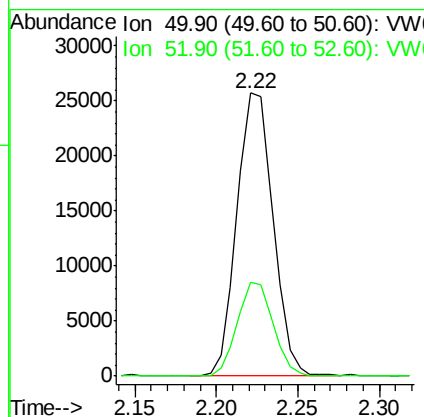
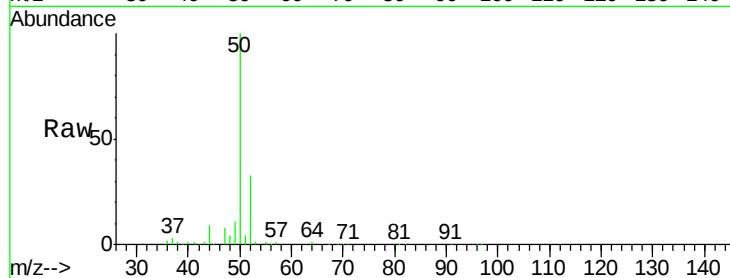
Ion Ratio Lower Upper

50 100

52 33.0 26.5 39.7

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#4

Vinyl Chloride

Concen: 20.157 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015253.D

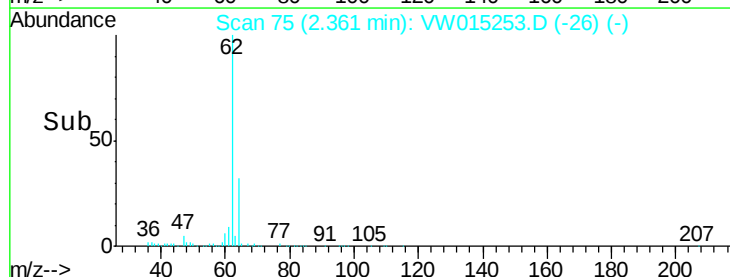
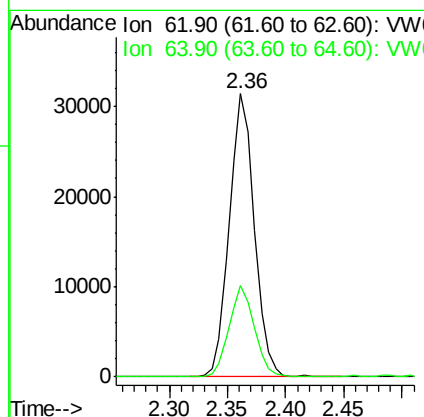
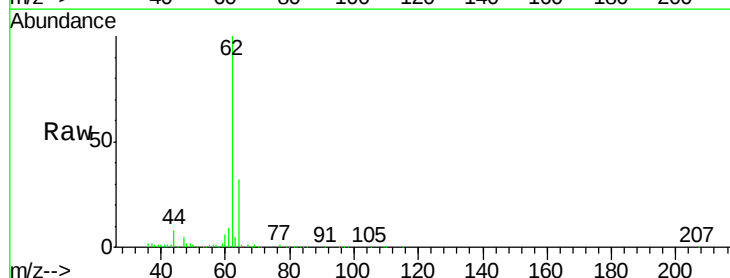
Acq: 21 Apr 2020 11:19

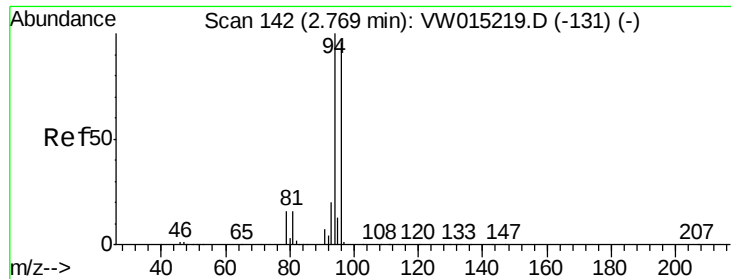
Tgt Ion: 62 Resp: 47047

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 21.924 ug/l

RT: 2.75 min Scan# 139

Delta R.T. -0.02 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

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ClientSampleId :

VW0421SBSD01

Tot Ion: 94 Resp: 36384

Ion Ratio Lower Upper

94 100

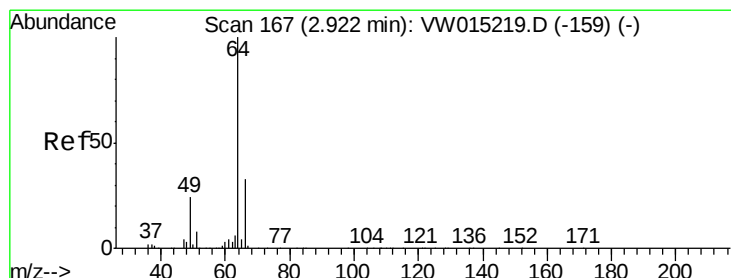
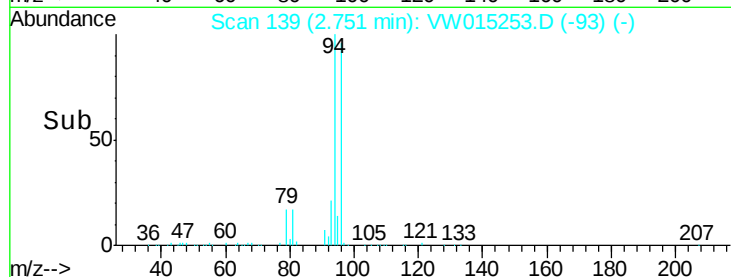
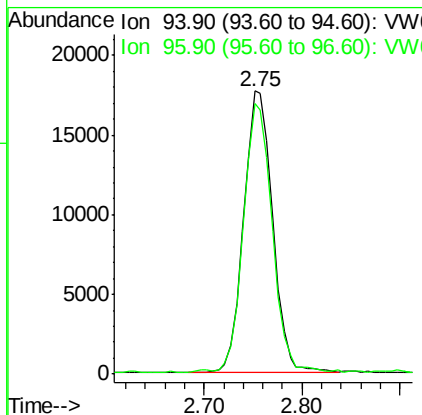
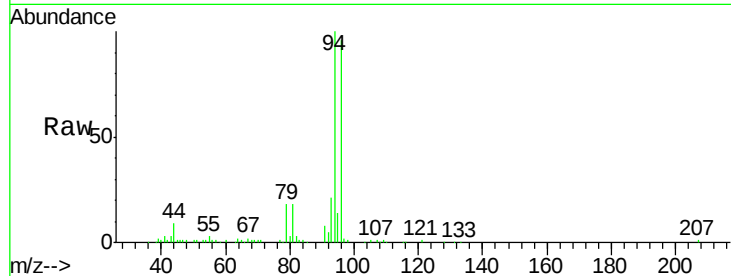
96 95.5 70.4 105.6

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#6

Chloroethane

Concen: 19.287 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW015253.D

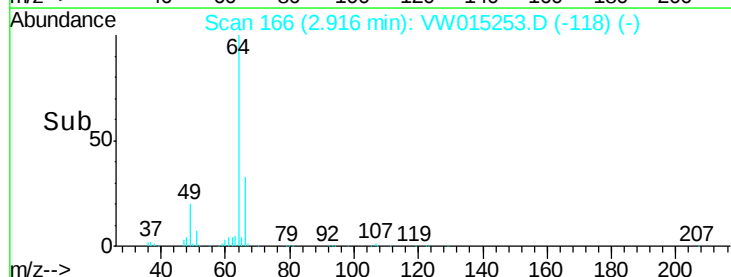
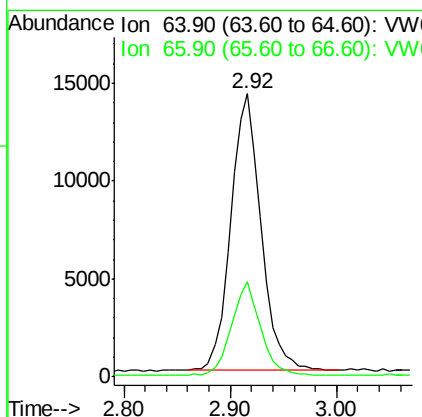
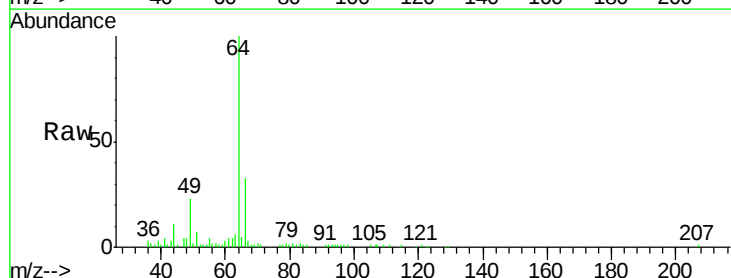
Acq: 21 Apr 2020 11:19

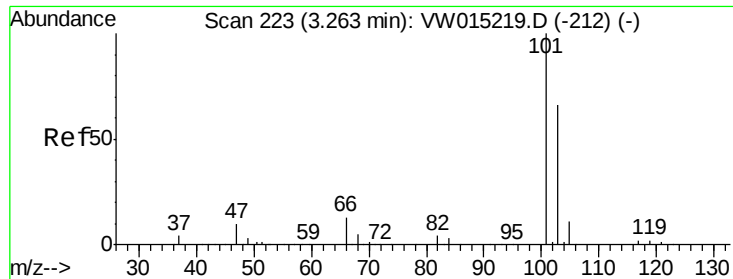
Tgt Ion: 64 Resp: 27923

Ion Ratio Lower Upper

64 100

66 33.5 25.8 38.6





#7

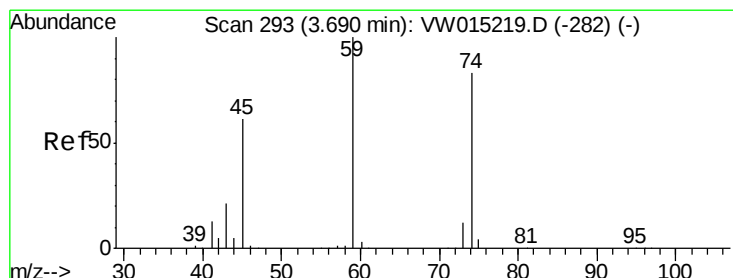
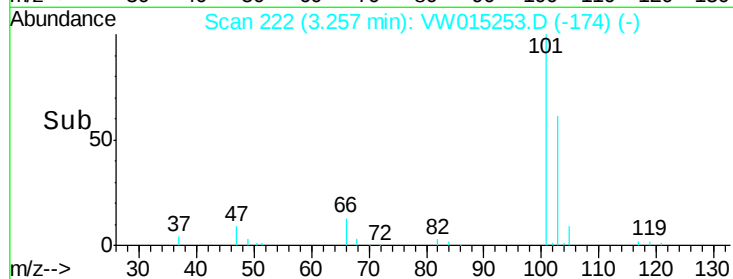
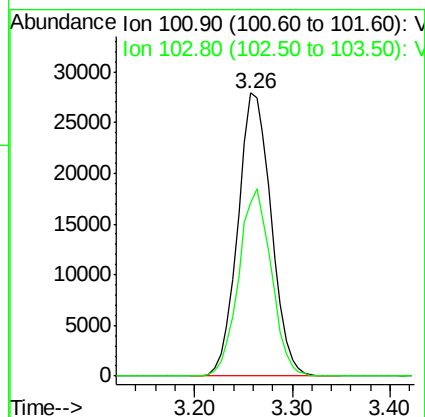
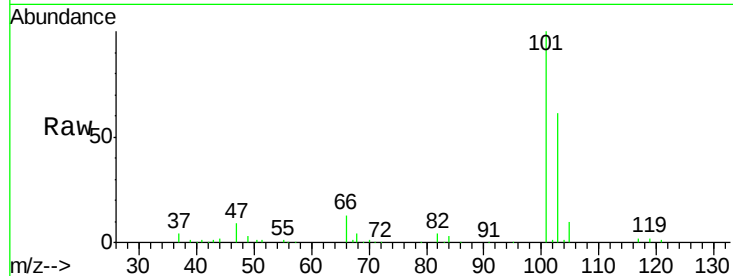
Trichlorofluoromethane
Concen: 19.973 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

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VW0421SBS01

Tot Ion:101 Resp: 65964
Ion Ratio Lower Upper
101 100
103 61.3 51.3 76.9

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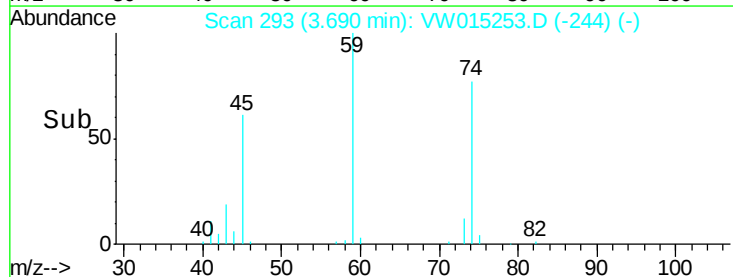
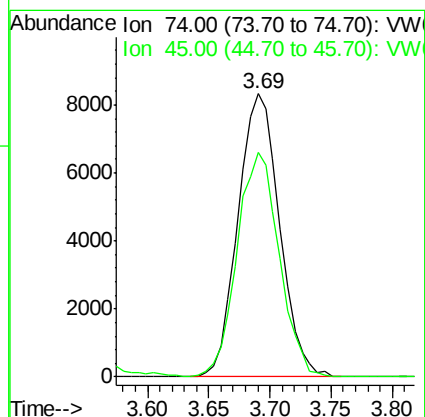
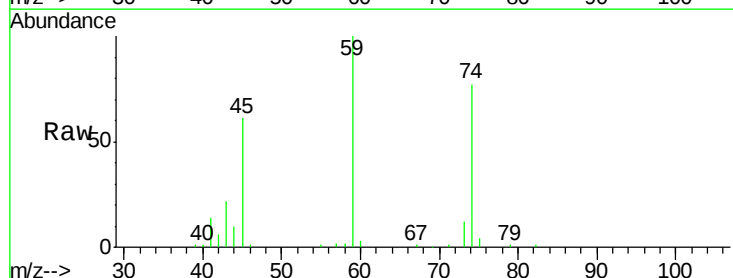
MMDadoda
4/22/2020 11:42:26 AM

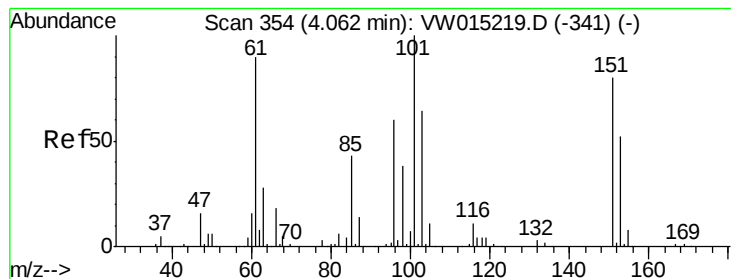


#8

Diethyl Ether
Concen: 21.183 ug/l
RT: 3.69 min Scan# 293
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 74 Resp: 19638
Ion Ratio Lower Upper
74 100
45 80.3 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.960 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.01 min

Lab File: VW015253.D

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Instrument :

MSVOA_W

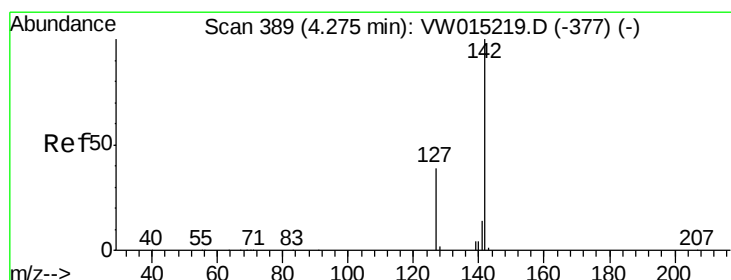
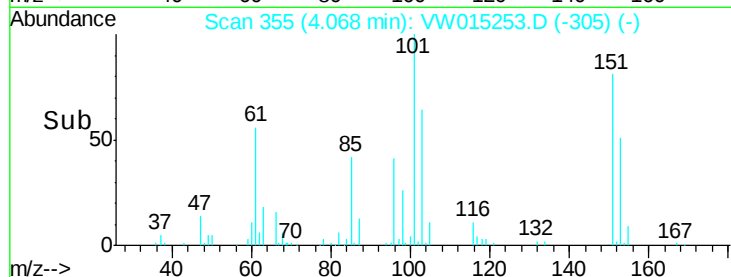
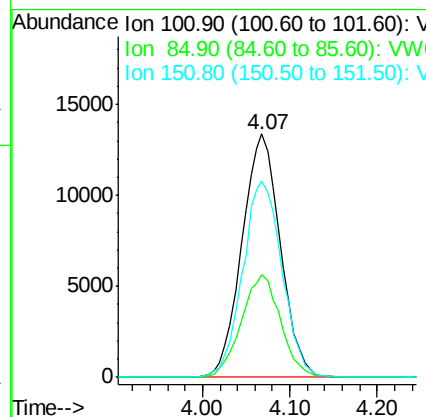
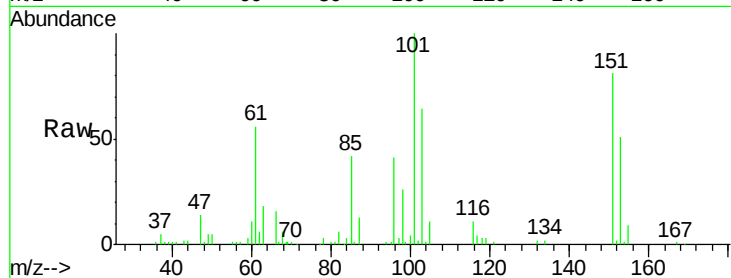
ClientSampleId :

VW0421SBS01

Tot Ion:	101	Resp:	40653
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.3	52.9
151	82.7	59.3	88.9

Manual Integrations
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#10

Methyl Iodide

Concen: 19.757 ug/l

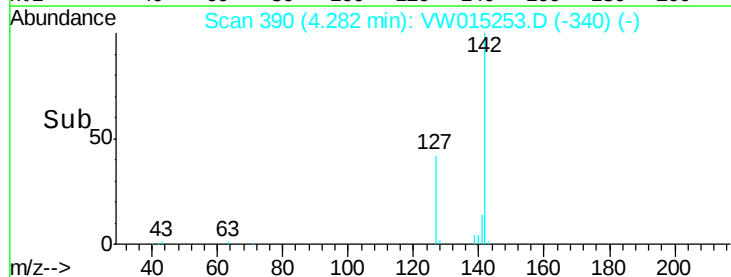
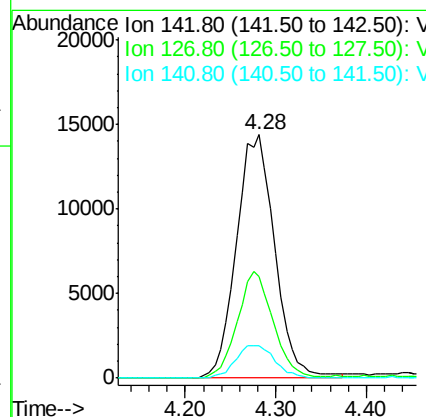
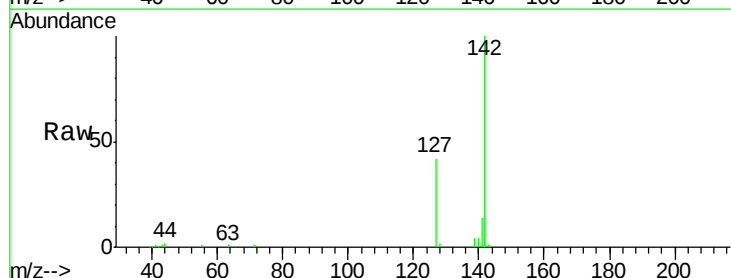
RT: 4.28 min Scan# 390

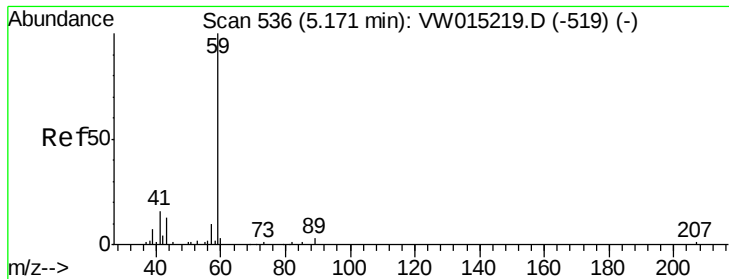
Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion:	142	Resp:	42265
Ion Ratio	Lower	Upper	
142	100		
127	40.8	33.9	50.9
141	13.9	11.4	17.2





#11

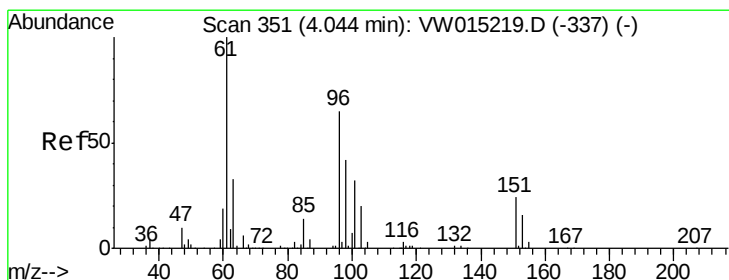
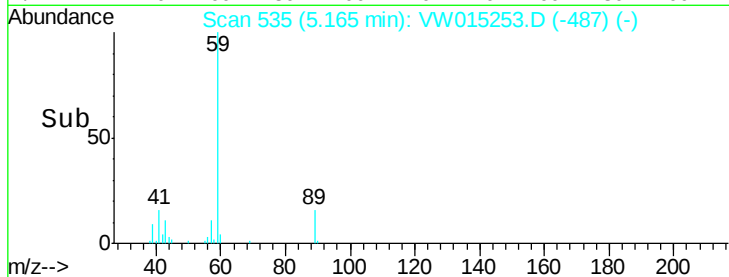
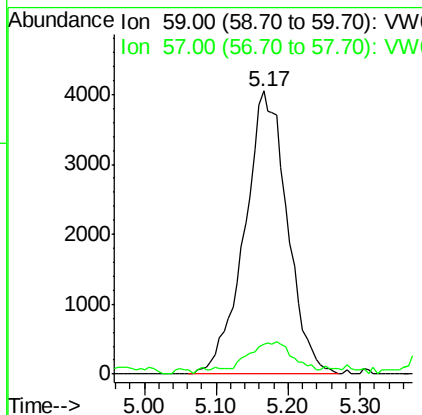
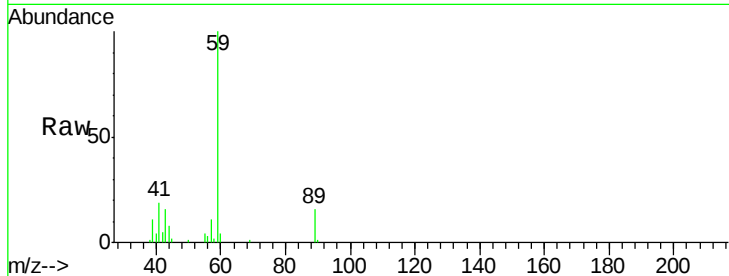
Tert butyl alcohol
 Concen: 108.876 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.6	8.4	12.6

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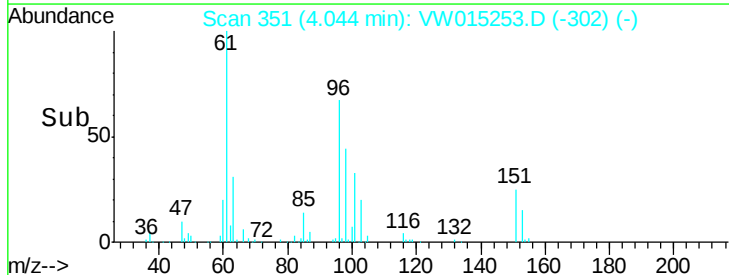
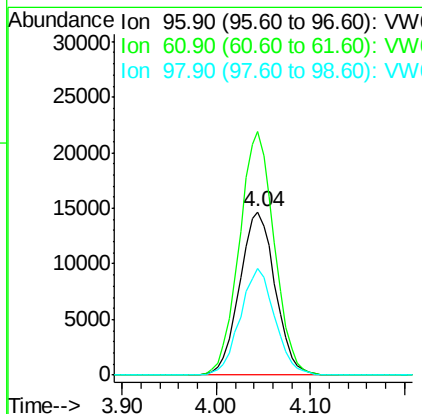
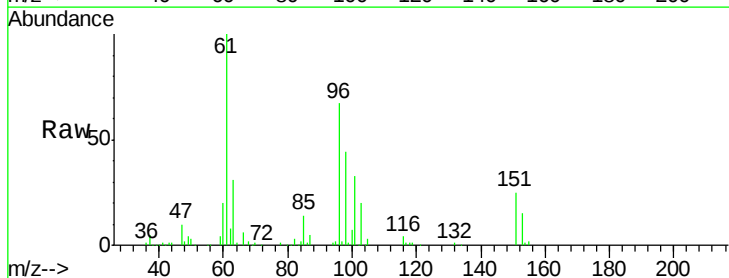
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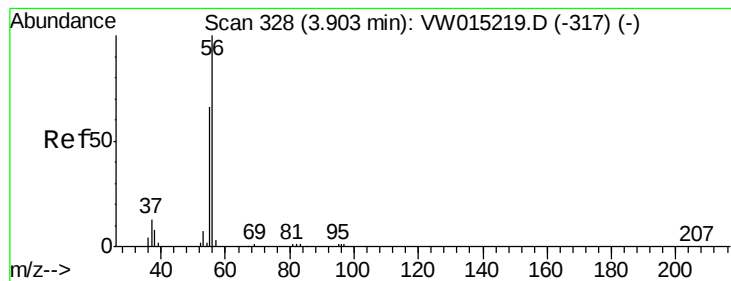


#12

1,1-Dichloroethene
 Concen: 19.872 ug/l
 RT: 4.04 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	149.0	127.0	190.4
98	65.2	51.0	76.4





#13

Acrolein

Concen: 140.142 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 56 Resp: 11238

Ion Ratio Lower Upper

56 100

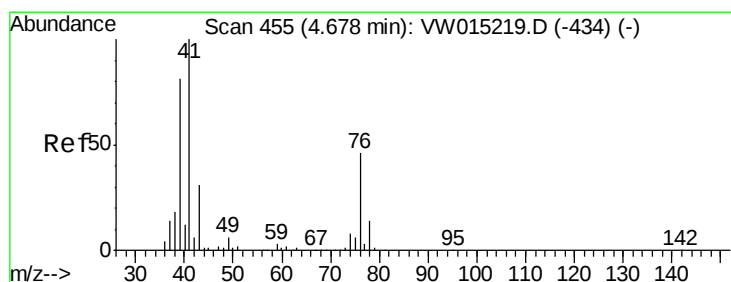
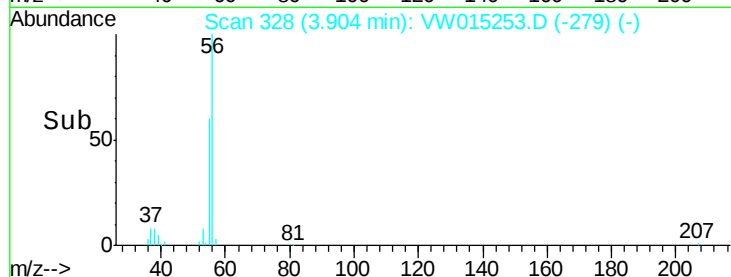
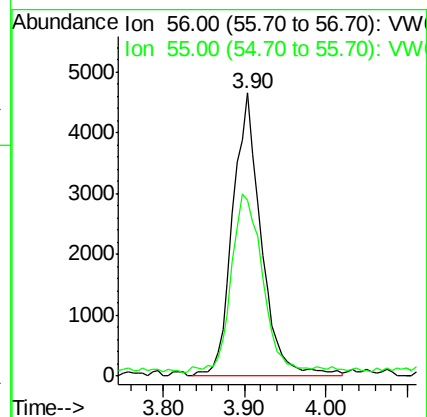
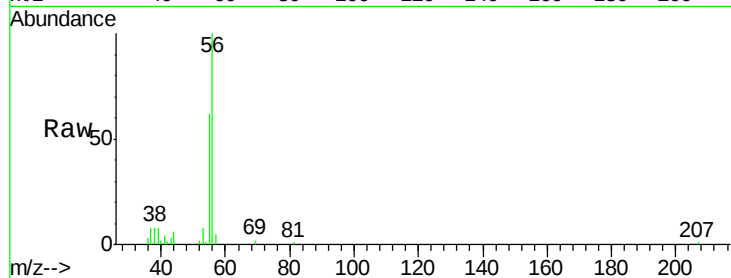
55 69.5 56.2 84.2

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#14

Allyl chloride

Concen: 19.376 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

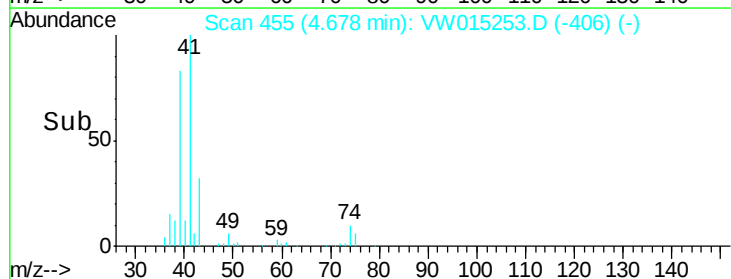
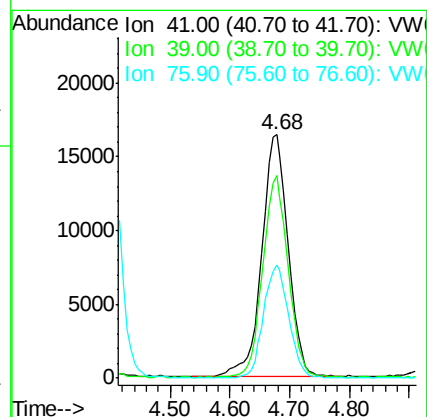
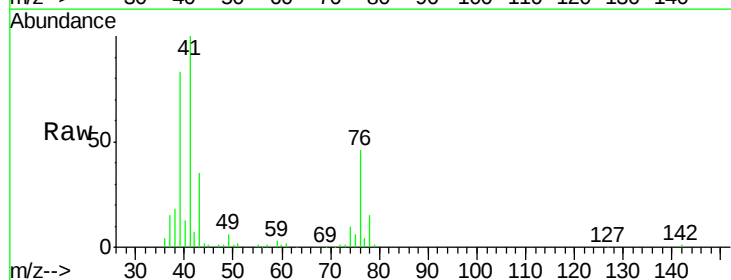
Tgt Ion: 41 Resp: 50391

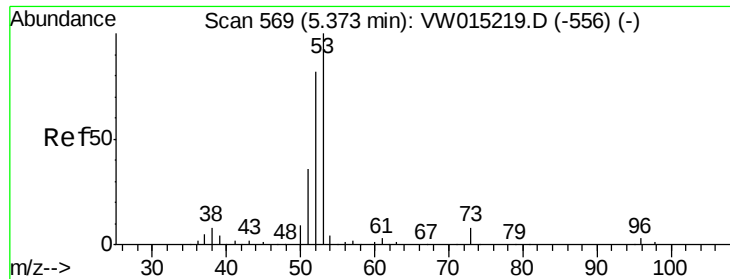
Ion Ratio Lower Upper

41 100

39 81.9 54.0 81.0#

76 44.6 31.8 47.6





#15

Acrylonitrile

Concen: 109.033 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

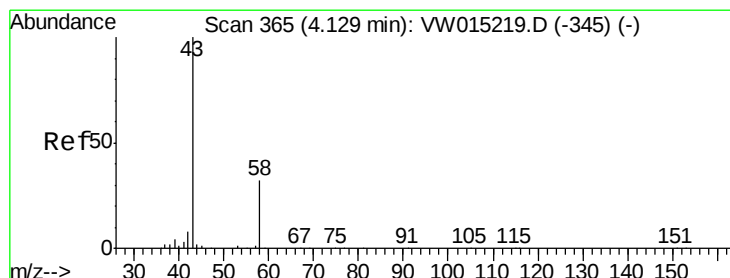
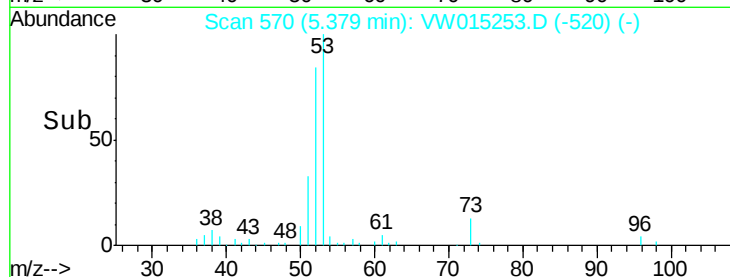
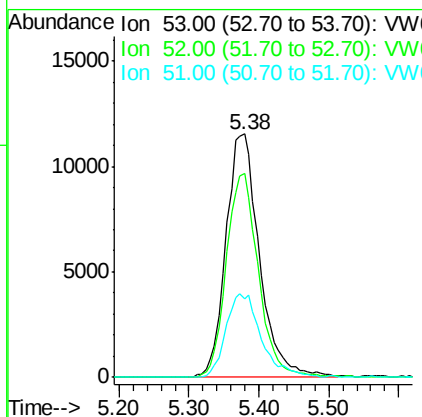
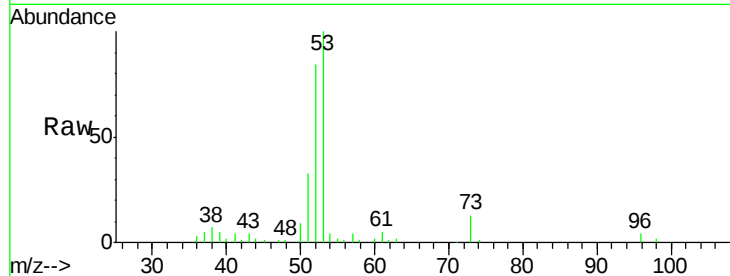
ClientSampleId :

VW0421SBS01

Tot Ion:	53	Resp:	38466
Ion	Ratio	Lower	Upper
53	100		
52	80.2	65.2	97.8
51	36.2	28.2	42.4

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#16

Acetone

Concen: 105.441 ug/l

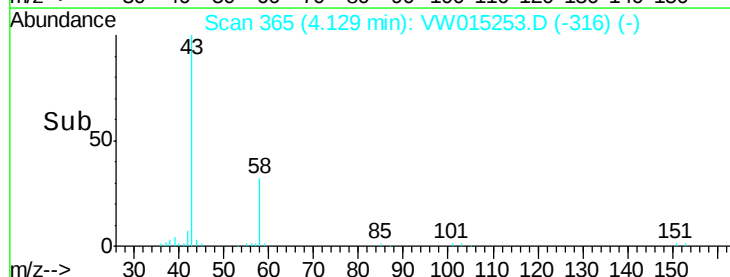
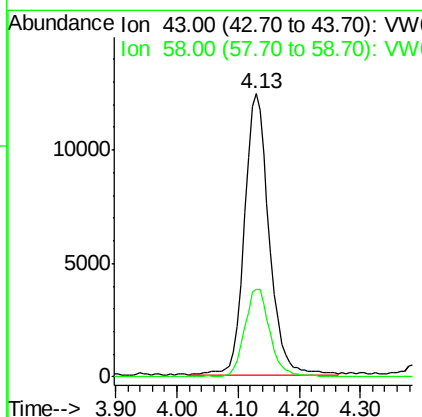
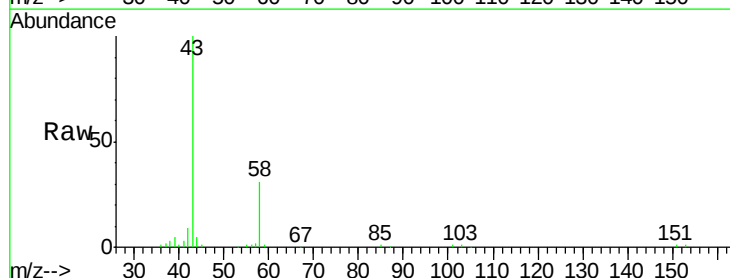
RT: 4.13 min Scan# 365

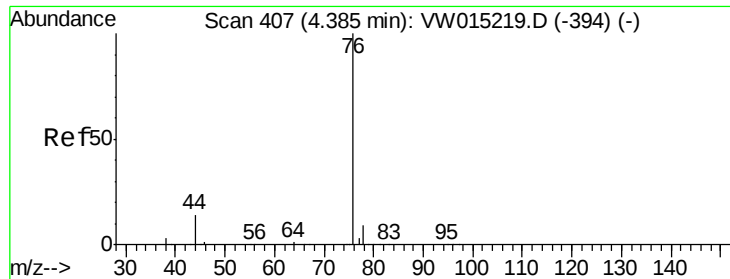
Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion:	43	Resp:	34614
Ion	Ratio	Lower	Upper
43	100		
58	31.4	27.0	40.4





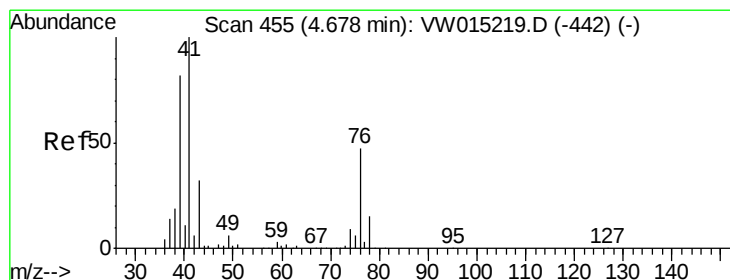
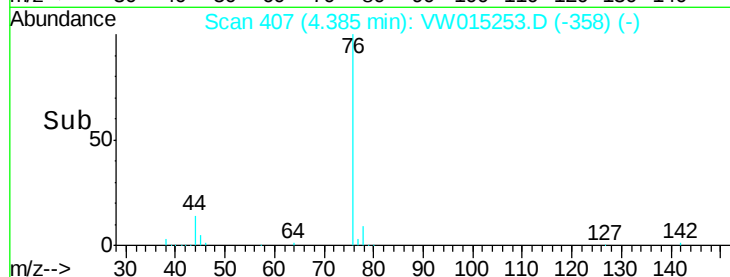
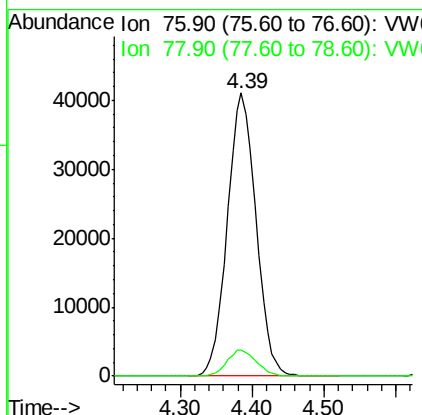
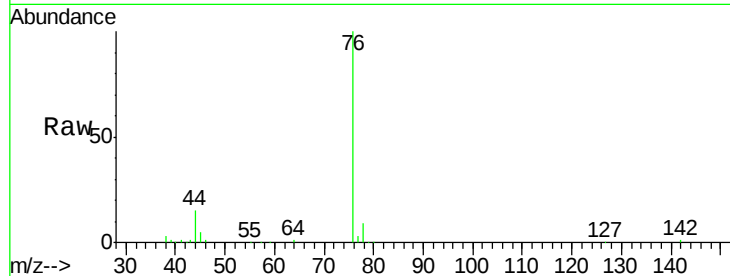
#17
Carbon Disulfide
Concen: 19.522 ug/l
RT: 4.39 min Scan# 407
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.0	10.6

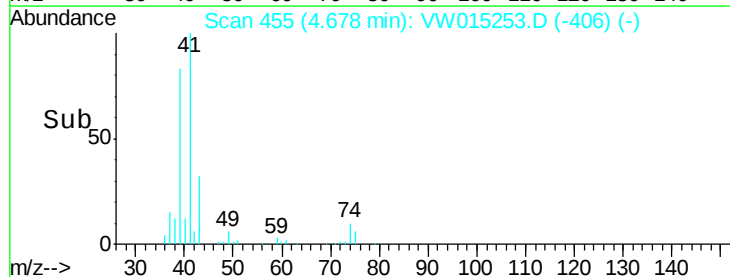
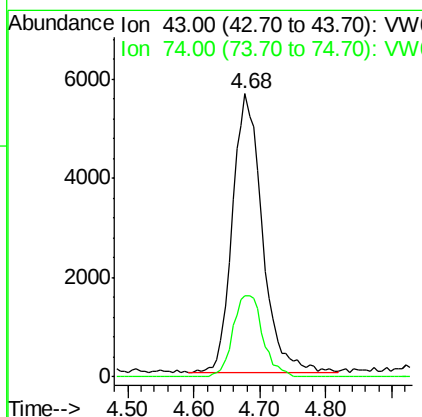
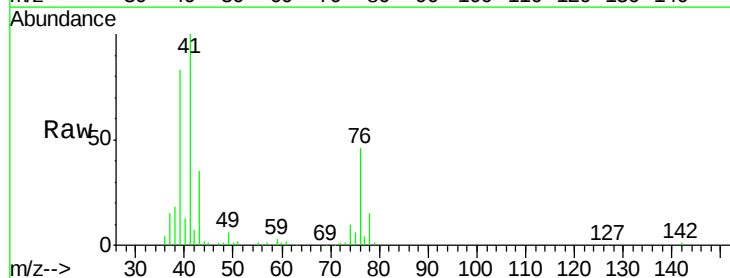
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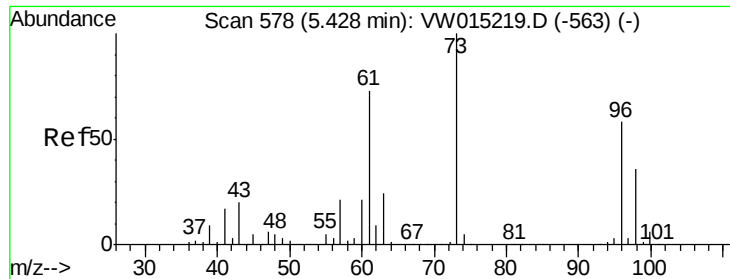
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#18
Methyl Acetate
Concen: 20.267 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	20.6	31.0





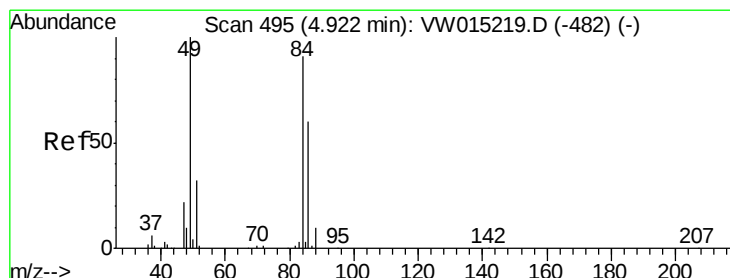
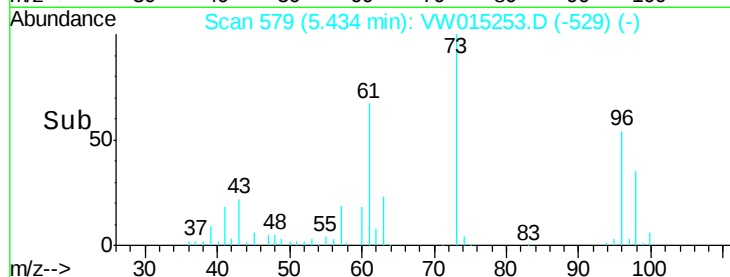
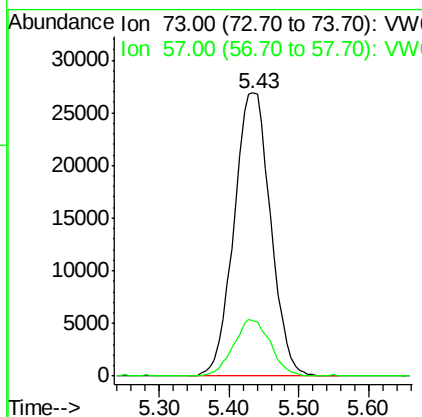
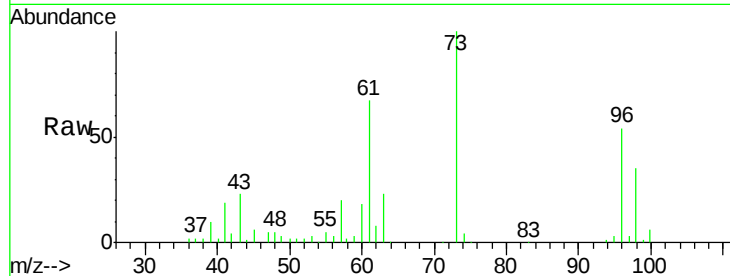
#19
Methyl tert-butyl Ether
Concen: 21.622 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	73	Resp	97307
Ion Ratio	100	Lower	Upper
57	19.4	17.8	26.6

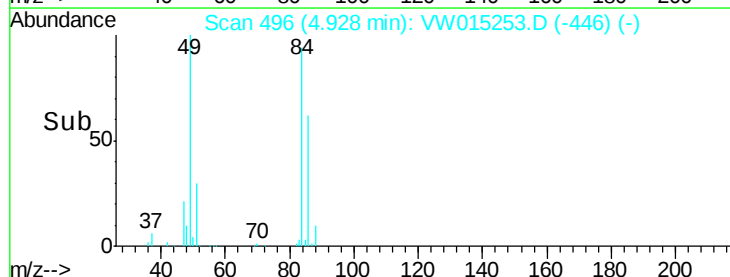
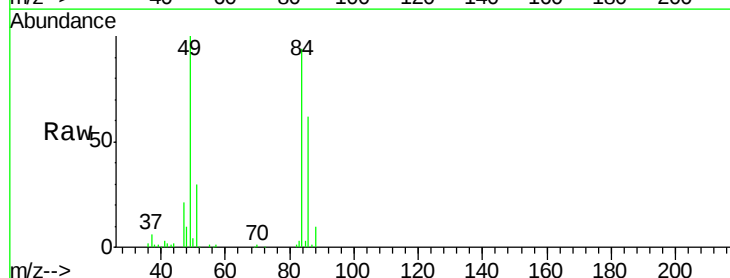
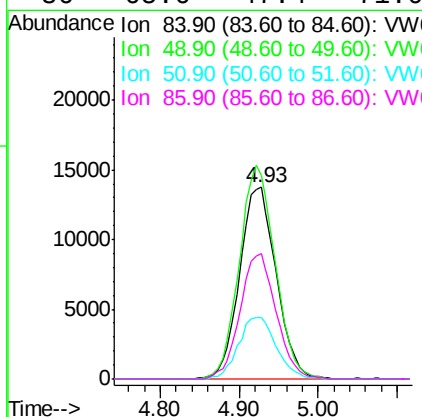
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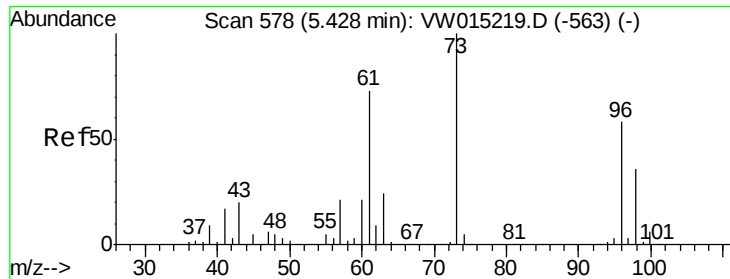
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#20
Methylene Chloride
Concen: 20.666 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	84	Resp	44463
Ion Ratio	100	Lower	Upper
49	106.5	95.4	143.0
51	32.1	29.8	44.8
86	65.6	47.4	71.0





#21

trans-1,2-Dichloroethene

Concen: 19.659 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 96 Resp: 43709

Ion Ratio Lower Upper

96 100

61 123.5 107.8 161.6

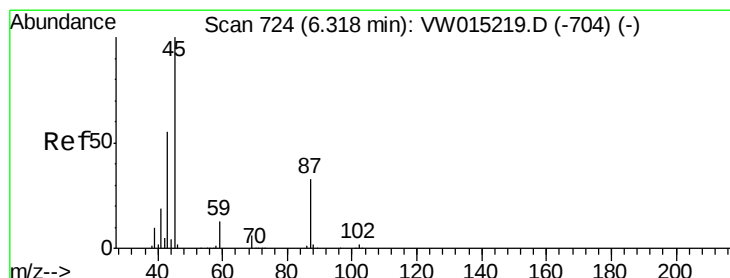
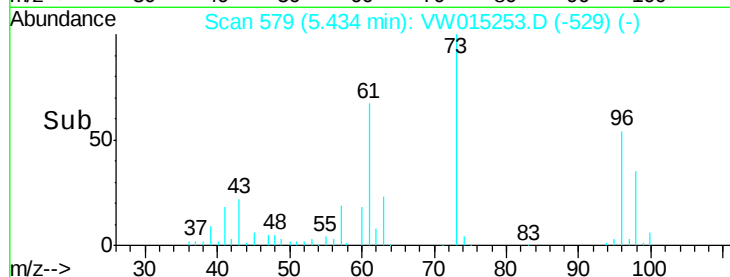
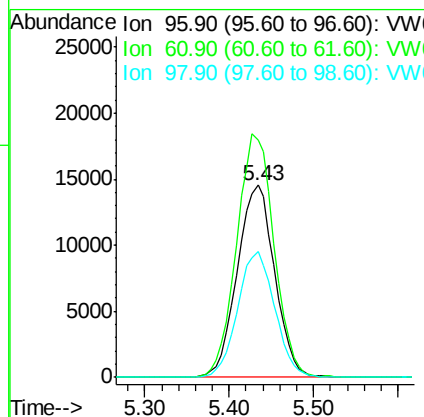
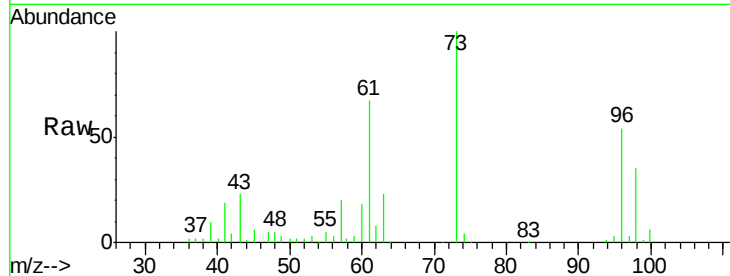
98 65.5 50.2 75.2

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#22

Diisopropyl ether

Concen: 20.428 ug/l

RT: 6.32 min Scan# 724

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion: 45 Resp: 101921

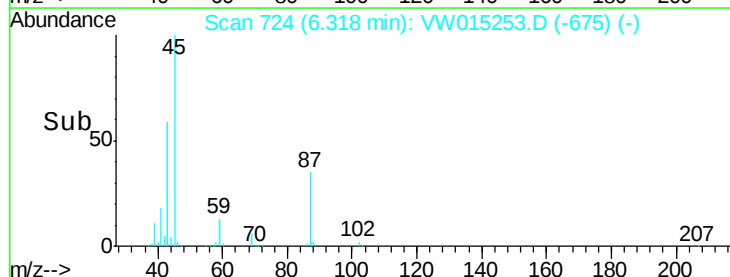
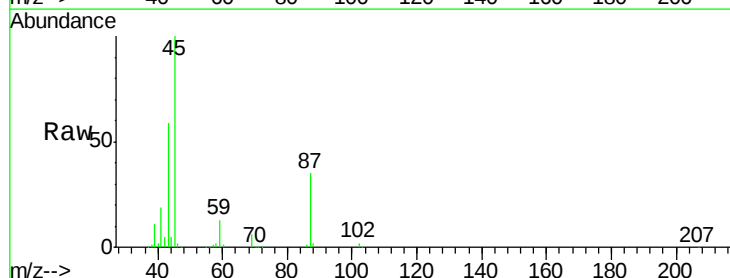
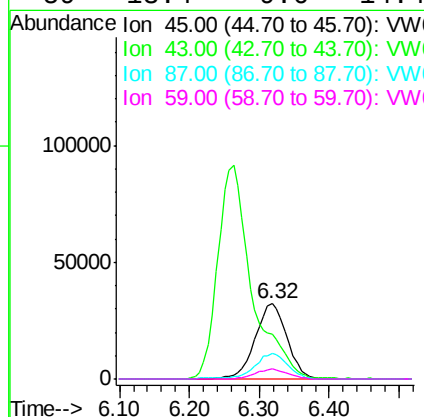
Ion Ratio Lower Upper

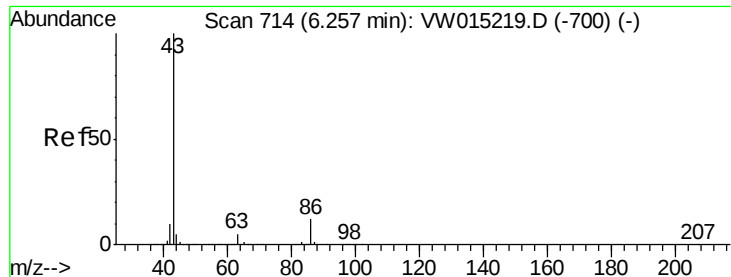
45 100

43 58.4 41.8 62.6

87 34.8 23.2 34.8#

59 13.4 9.6 14.4





#23

Vinyl Acetate

Concen: 106.178 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.01 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleID :

VW0421SBS01

Tot Ion: 43 Resp: 310865

Ion Ratio Lower Upper

43 100

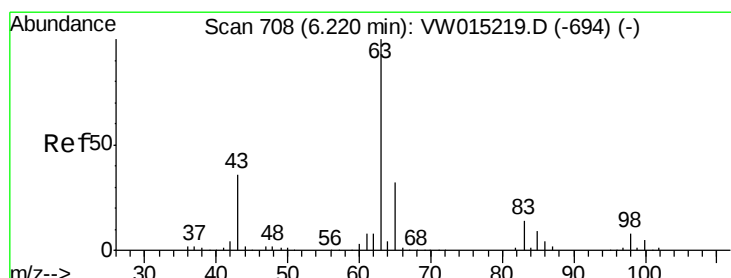
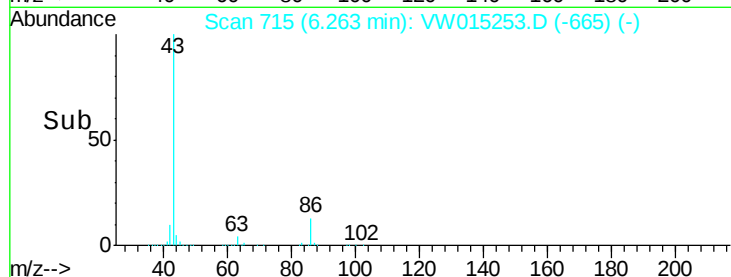
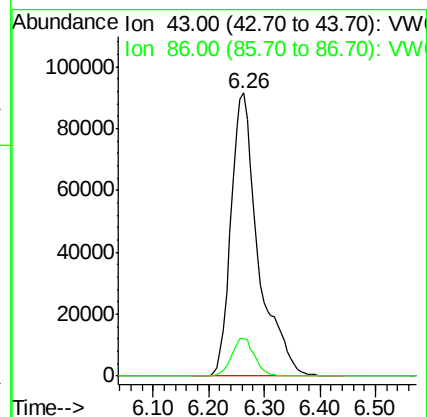
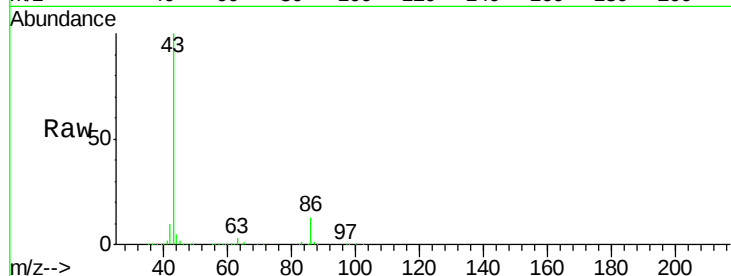
86 13.1 9.1 13.7

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#24

1,1-Dichloroethane

Concen: 20.201 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

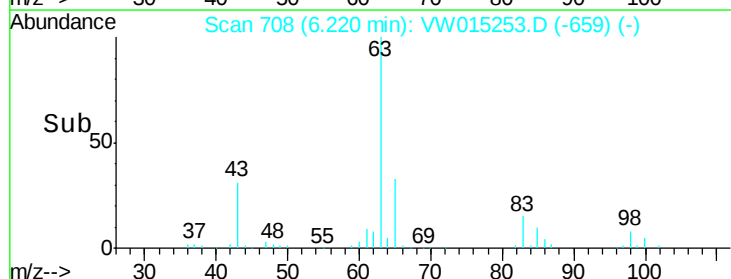
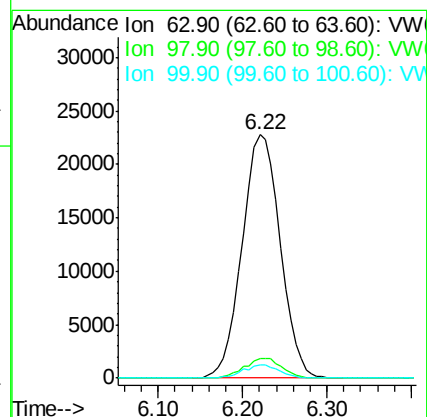
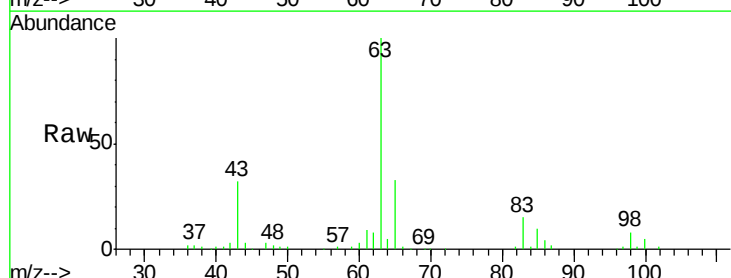
Tgt Ion: 63 Resp: 69849

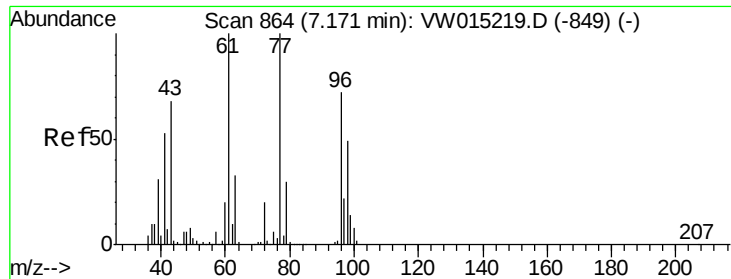
Ion Ratio Lower Upper

63 100

98 7.9 3.6 10.9

100 5.5 2.4 7.2





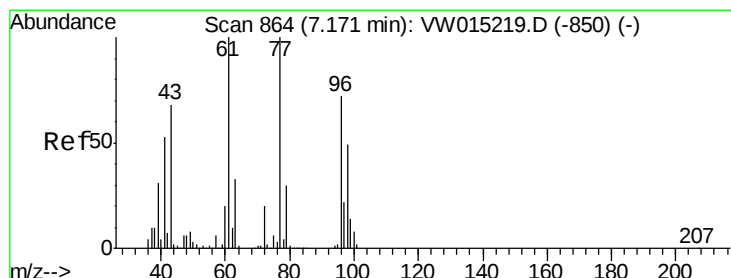
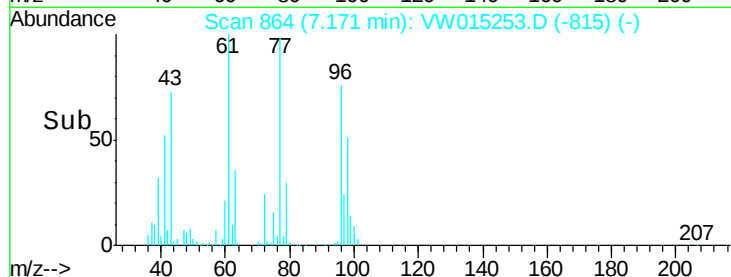
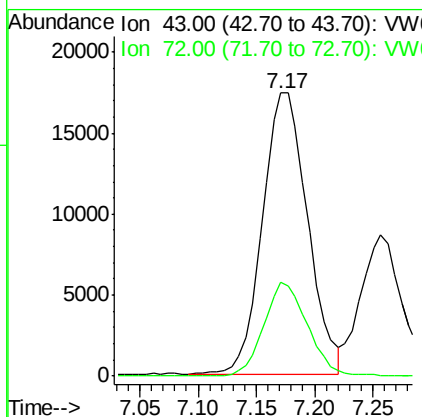
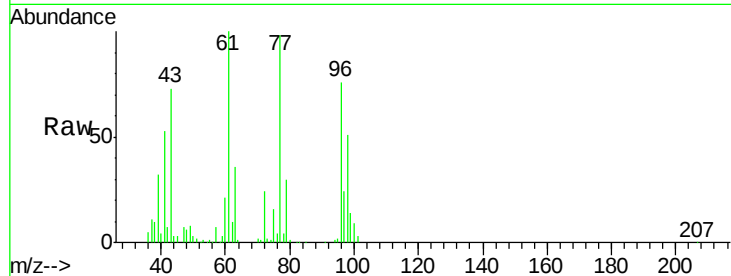
#25
2-Butanone
Concen: 107.437 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	43	Resp	46793
Ion Ratio	100	Lower	Upper
72	33.3	21.6	32.4#

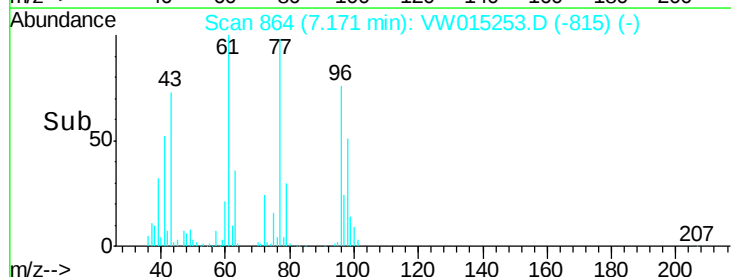
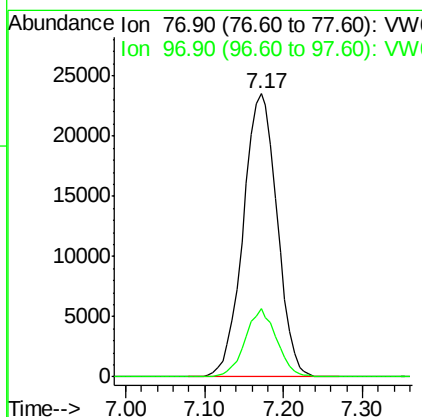
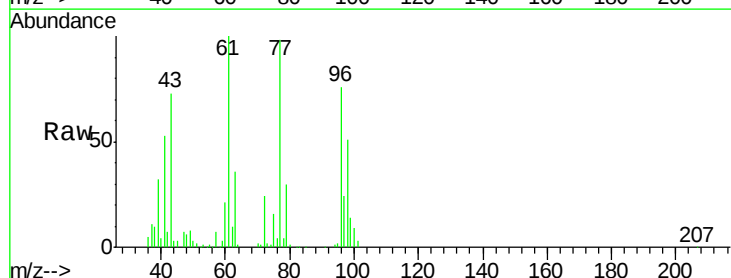
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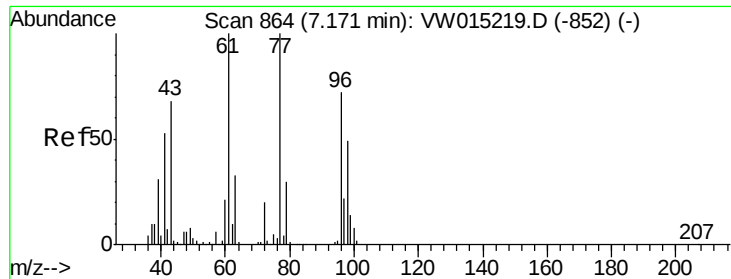
MMDadoda
4/22/2020 11:42:26 AM



#26
2,2-Dichloropropane
Concen: 19.302 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	77	Resp	70215
Ion Ratio	100	Lower	Upper
97	22.3	11.9	35.5





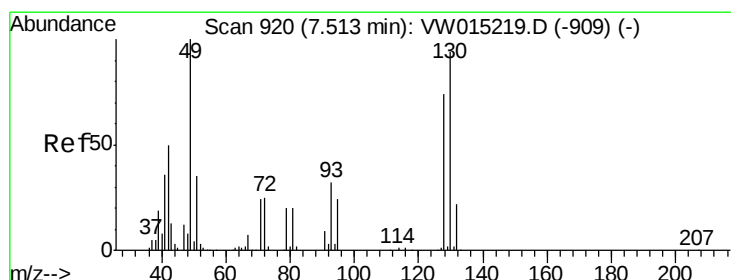
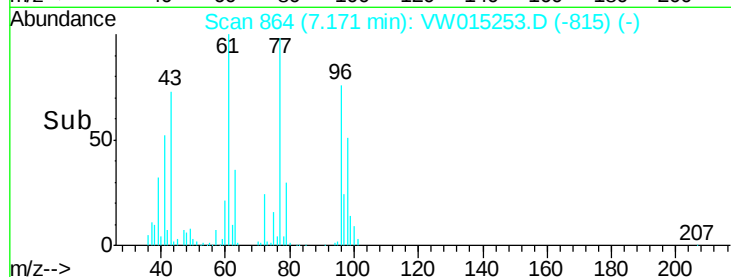
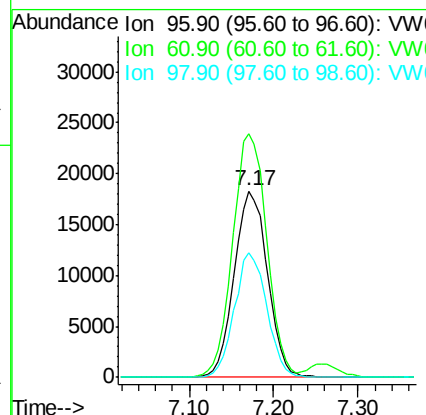
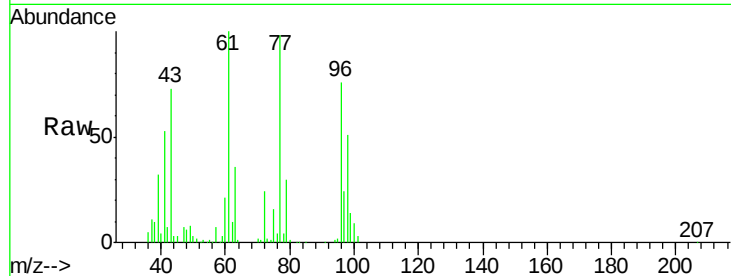
#27
 cis-1,2-Dichloroethene
 Concen: 20.348 ug/l
 RT: 7.17 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.3	0.0	275.0
98	65.1	0.0	130.8

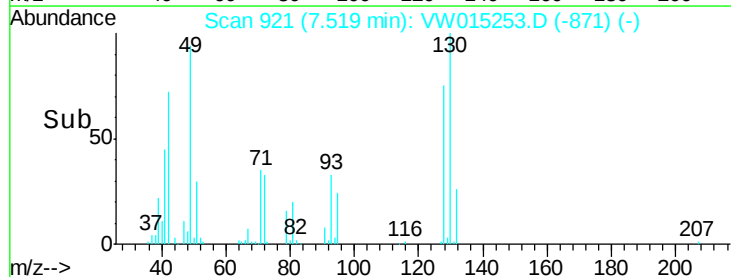
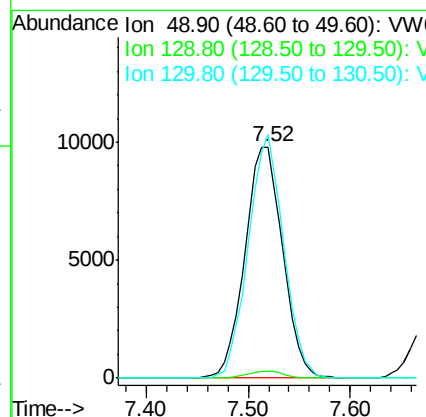
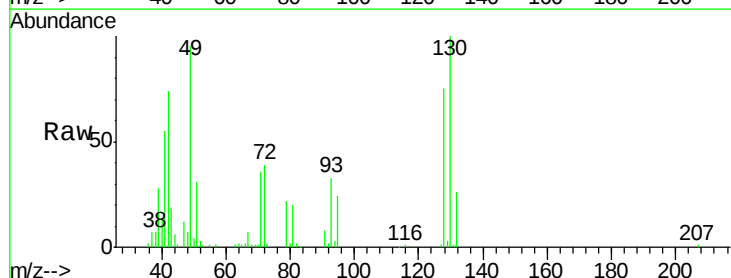
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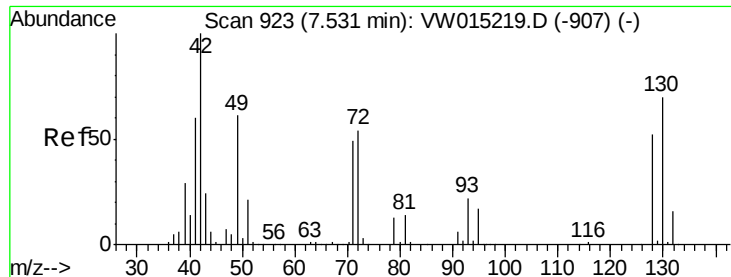
MMDadoda
 4/22/2020 11:42:26 AM



#28
 Bromochloromethane
 Concen: 20.078 ug/l
 RT: 7.52 min Scan# 921
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	4.6
130	98.5	60.9	91.3





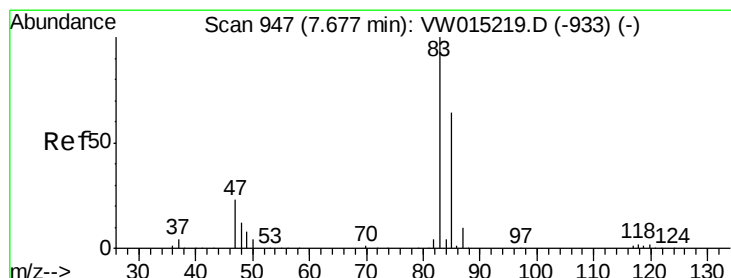
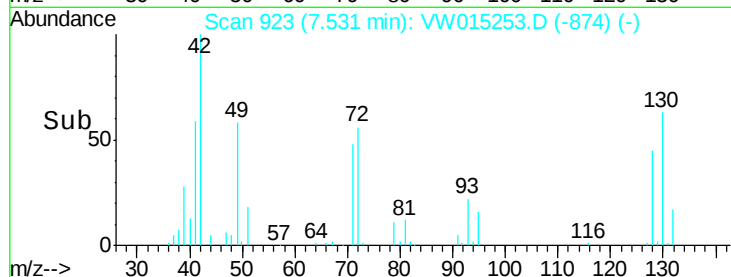
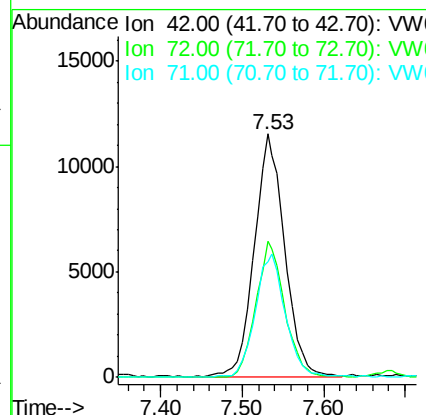
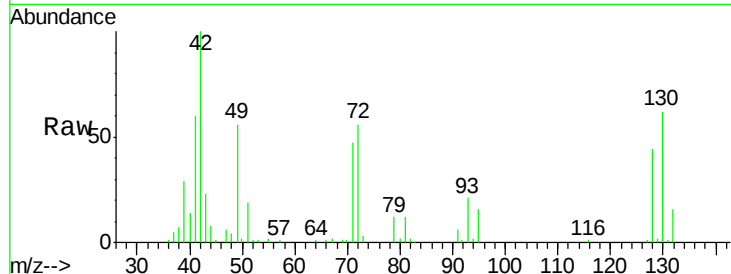
#29
Tetrahydrofuran
Concen: 111.138 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.7	36.2	54.2
71	50.6	34.2	51.4

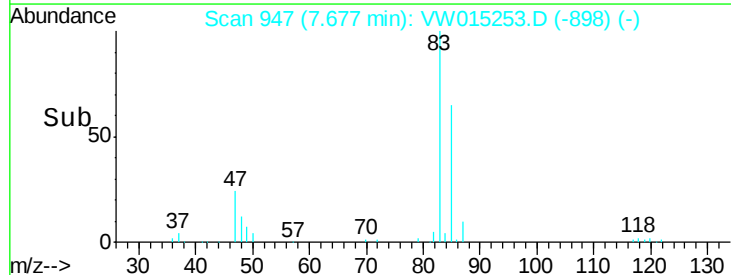
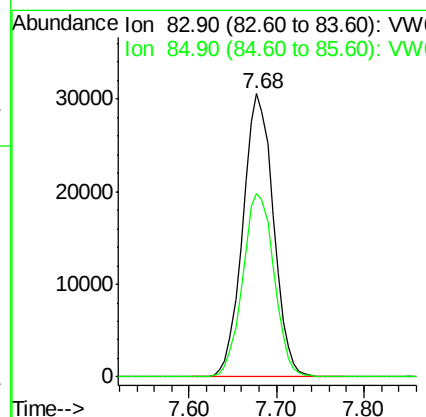
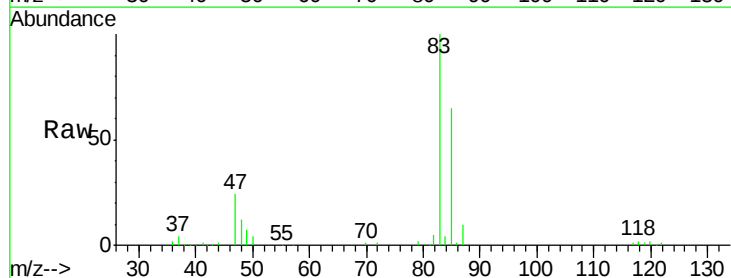
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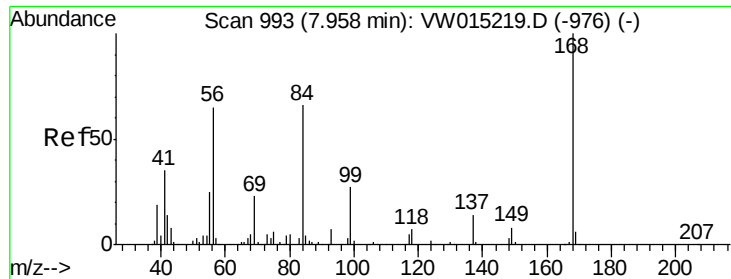
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#30
Chloroform
Concen: 19.966 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.9	76.3





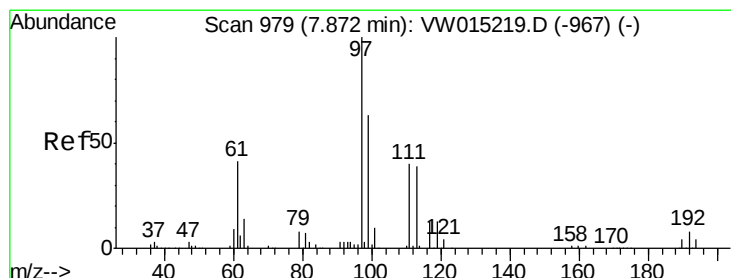
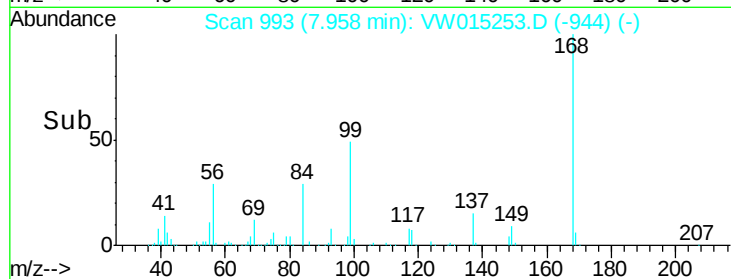
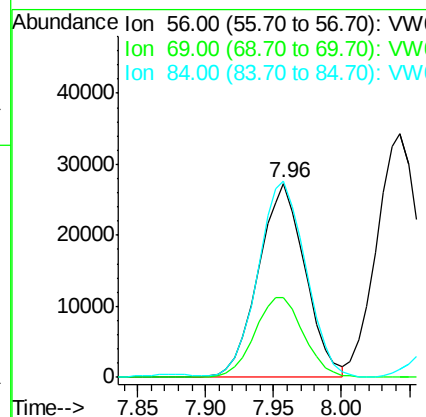
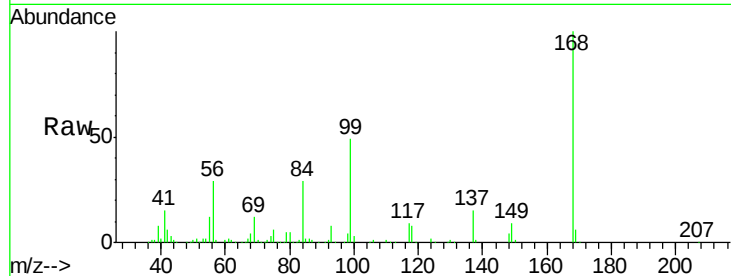
#31
Cyclohexane
Concen: 18.840 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	56	69	84
Resp: 65482	100	41.0	100.0
Lower		27.1	71.9
Upper		40.7#	107.9

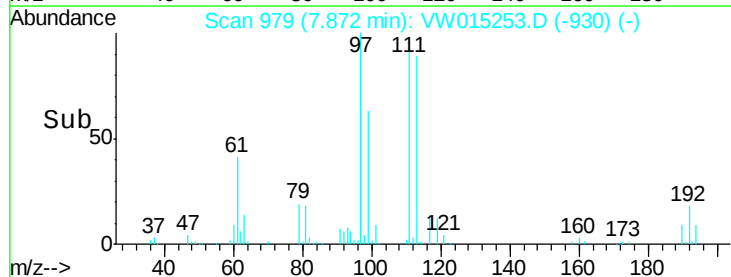
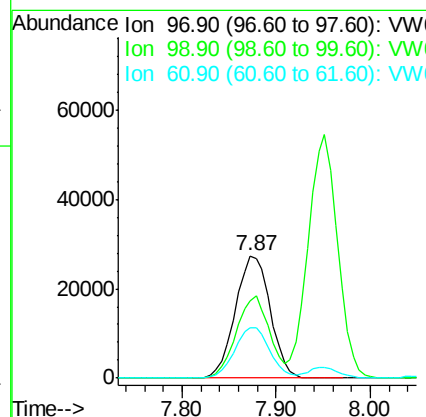
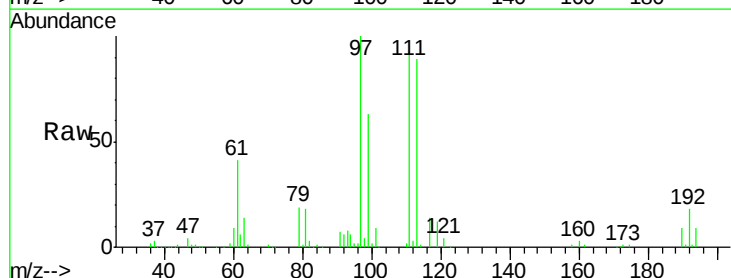
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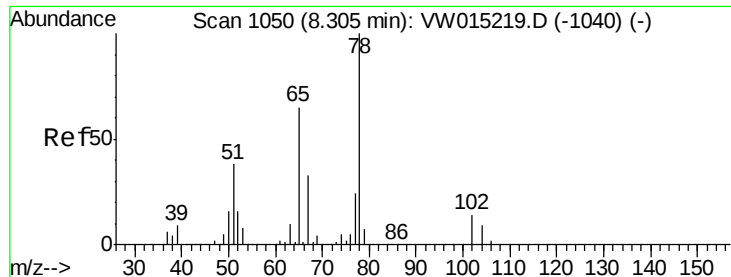
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#32
1,1,1-Trichloroethane
Concen: 19.559 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	97	99	61
Resp: 70446	100	63.9	41.7
Lower		52.2	34.2
Upper		78.2	51.2





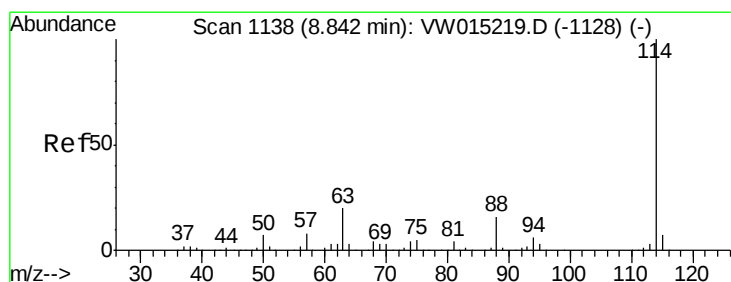
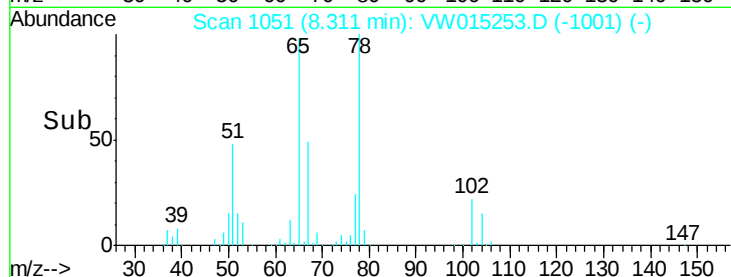
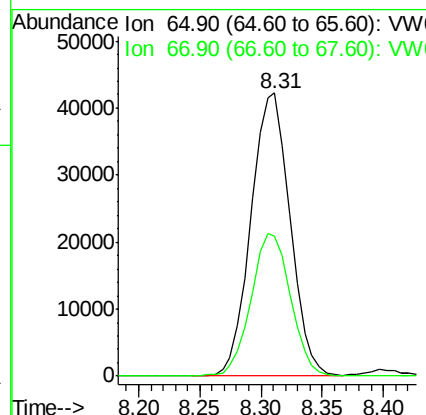
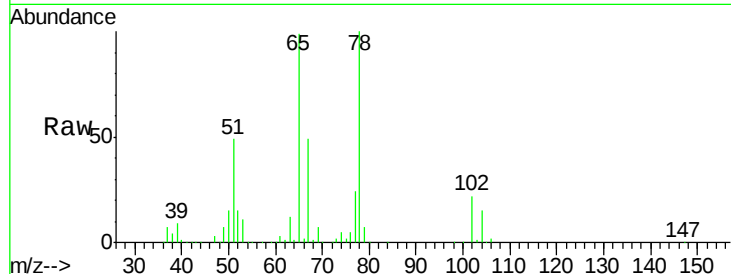
#33
 1,2-Dichloroethane-d4
 Concen: 50.100 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.1	0.0	107.0	

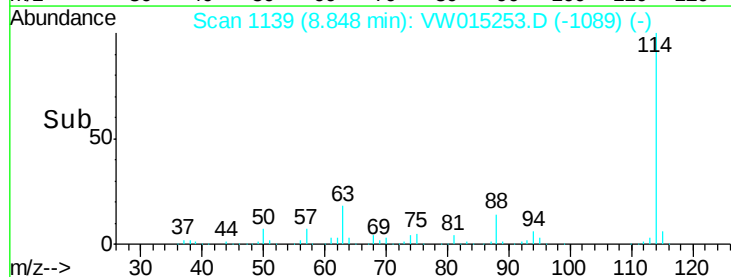
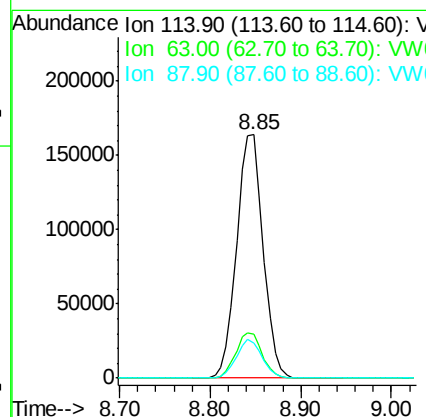
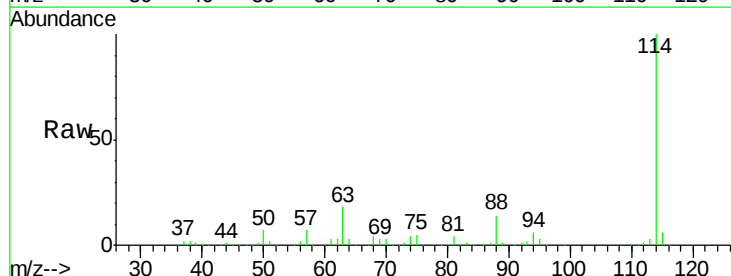
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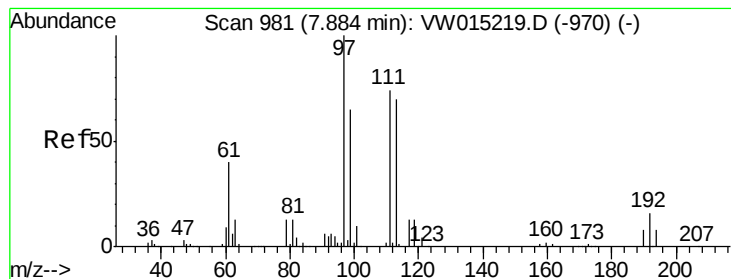
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	17.8	0.0	39.8	
88	14.4	0.0	30.2	





#35

Dibromofluoromethane

Concen: 49.869 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

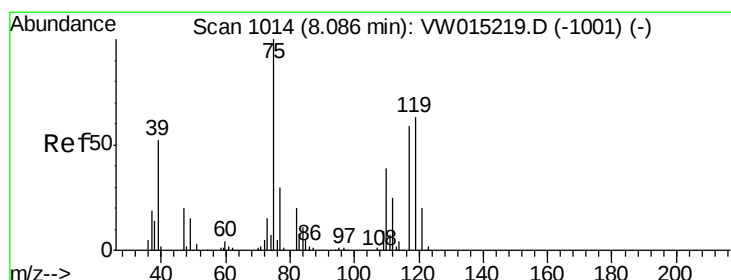
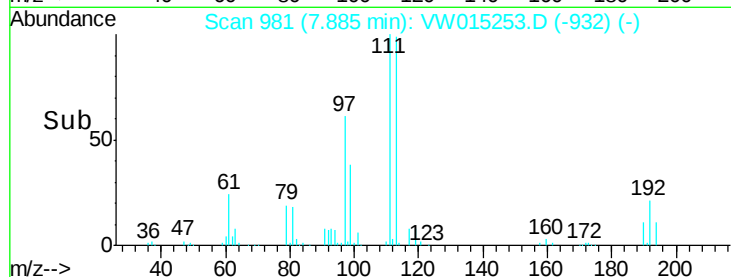
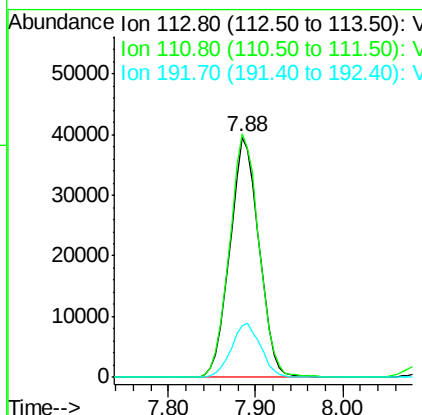
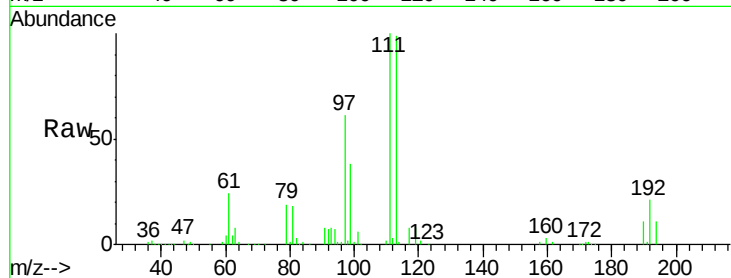
ClientSampleId :

VW0421SBS01

Tot Ion:	113	Resp:	91712
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.0	124.4
192	22.5	15.1	22.7

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#36

1,1-Dichloropropene

Concen: 19.684 ug/l

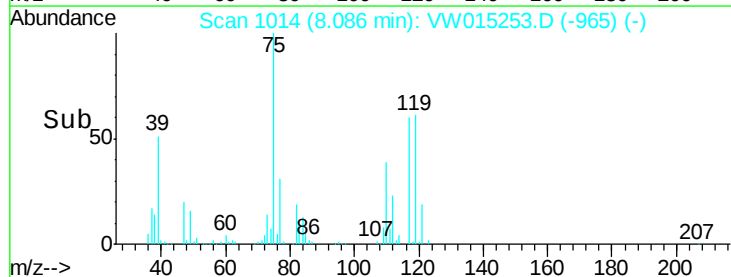
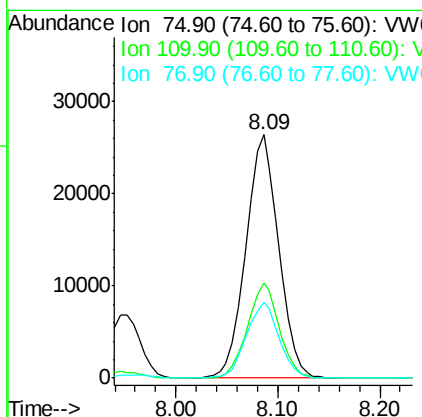
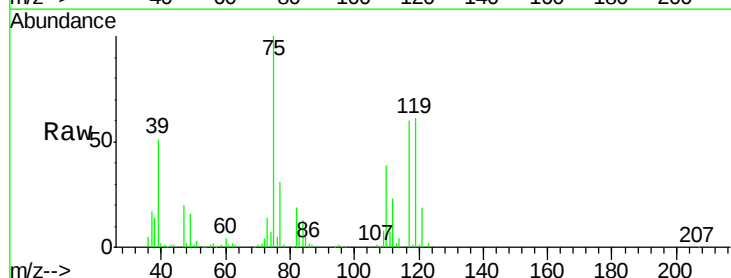
RT: 8.09 min Scan# 1014

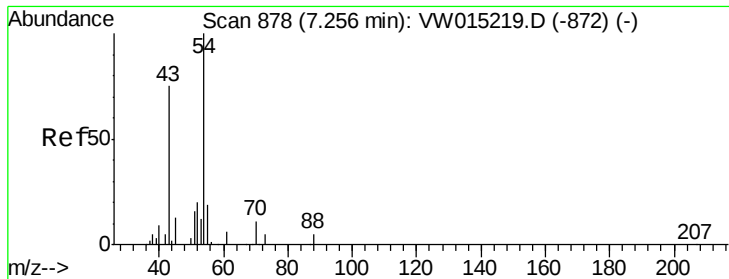
Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion:	75	Resp:	58984
Ion Ratio	Lower	Upper	
75	100		
110	38.0	18.2	54.6
77	31.1	24.5	36.7





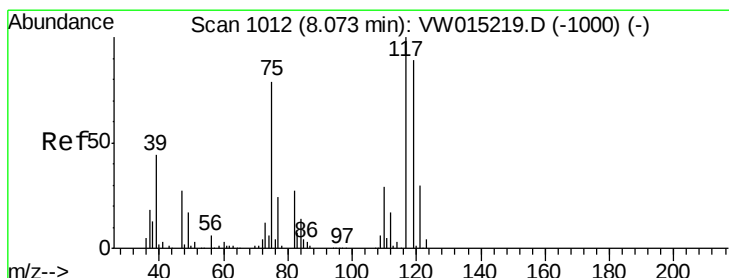
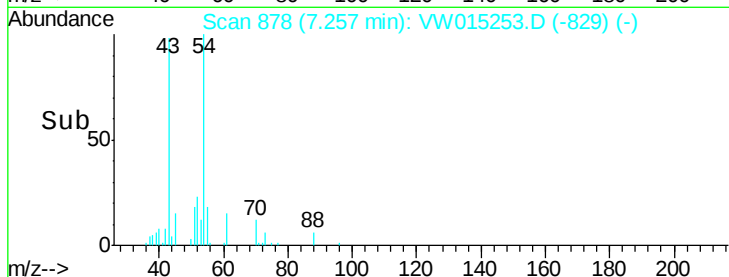
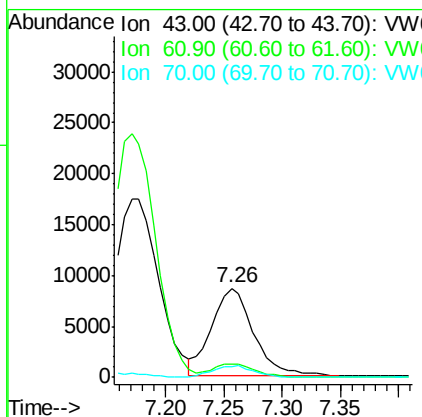
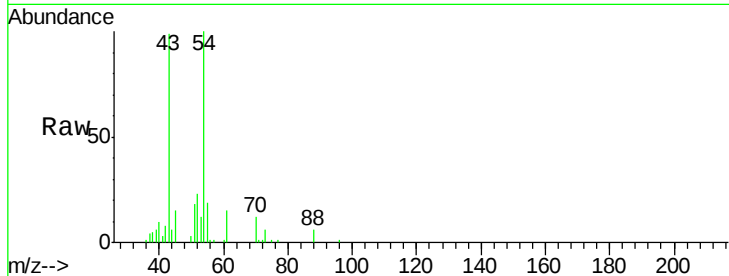
#37
Ethyl Acetate
Concen: 22.004 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	11.9	17.9
70	13.8	8.8	13.2

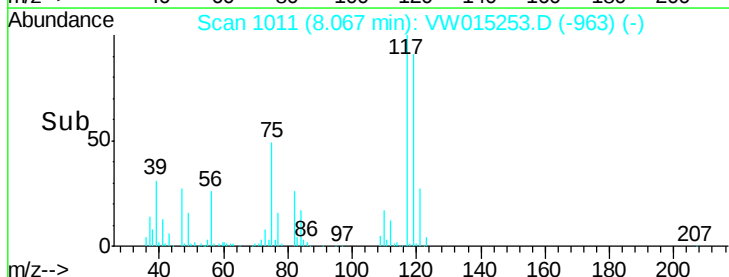
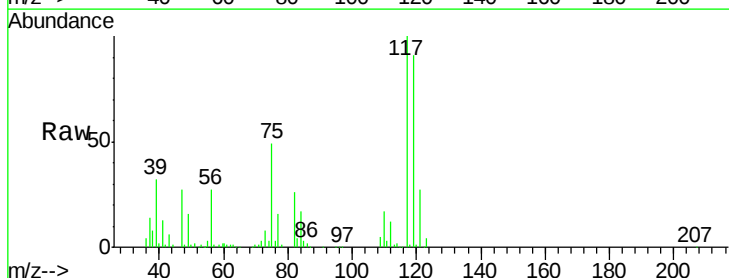
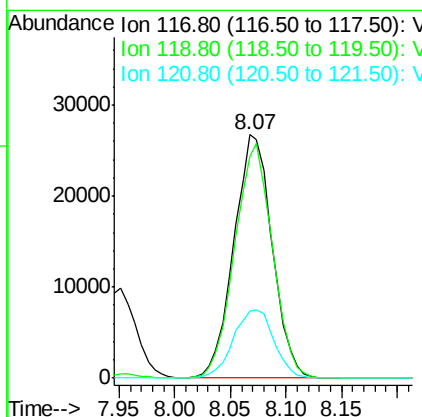
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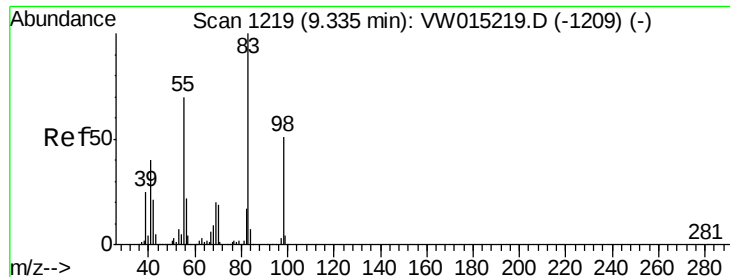
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#38
Carbon Tetrachloride
Concen: 19.500 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.1	72.3	108.5
121	27.3	23.7	35.5





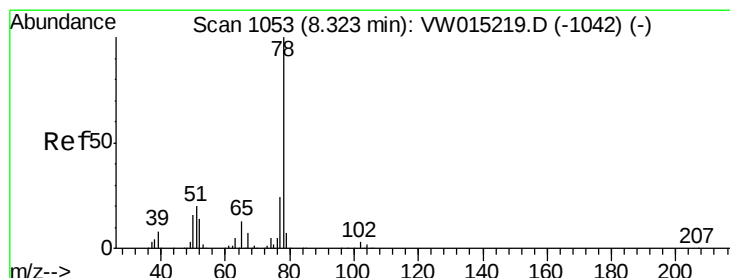
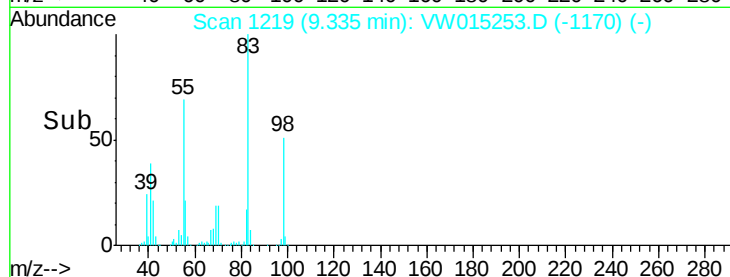
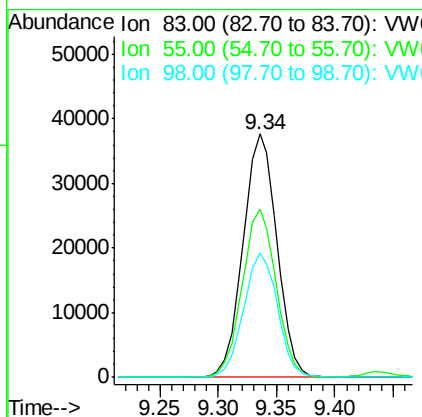
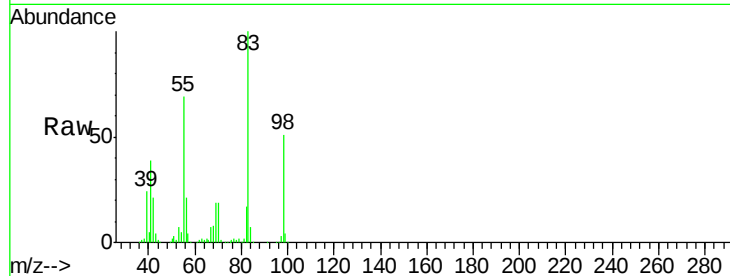
#39
Methvlcvclohexane
Concen: 19.214 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	58.1	87.1
98	51.1	40.2	60.4

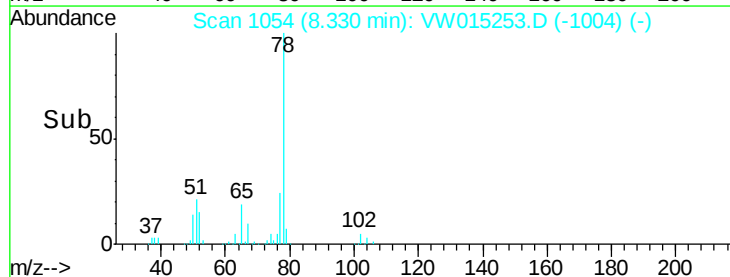
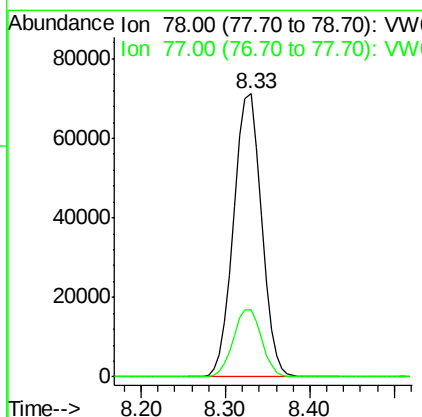
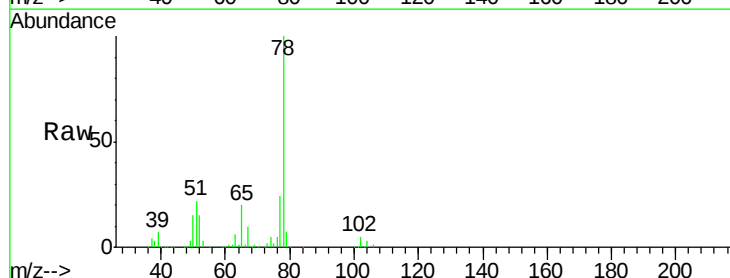
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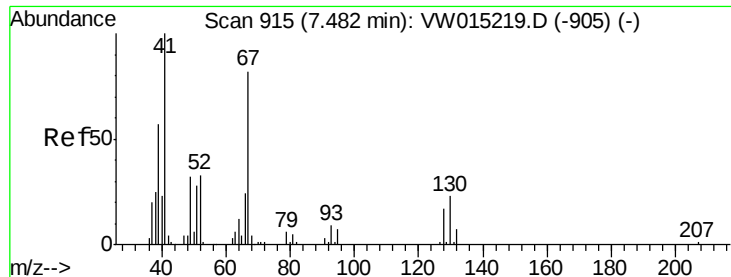
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#40
Benzene
Concen: 19.851 ug/l
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.2	27.2





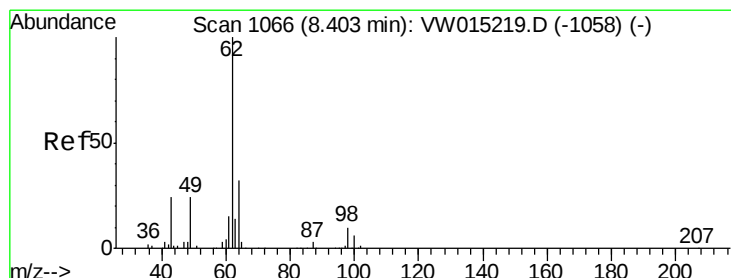
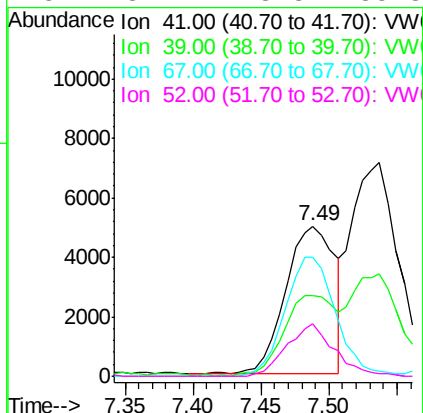
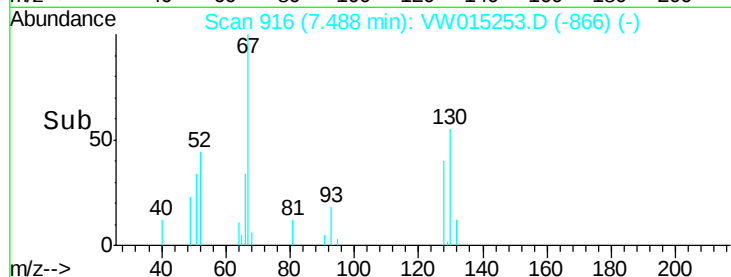
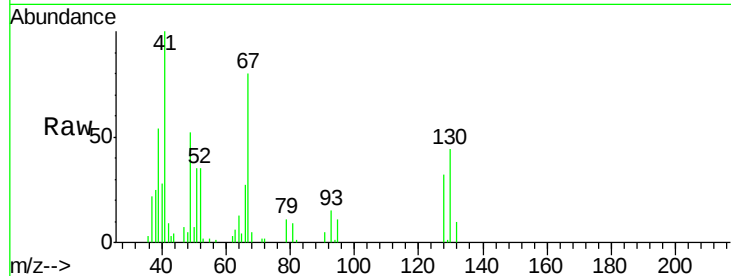
#41
Methacrylonitrile
Concen: 21.245 ug/l
RT: 7.49 min Scan# 916
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	58.0	41.9	62.9
67	83.6	60.6	91.0
52	34.7	23.8	35.8

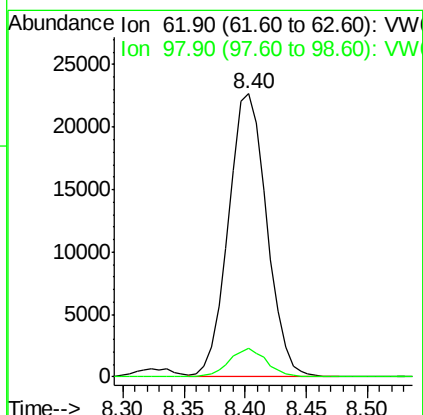
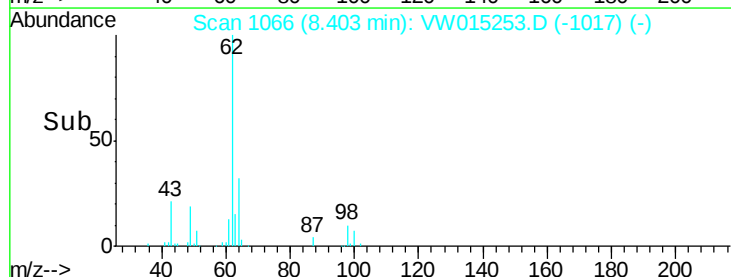
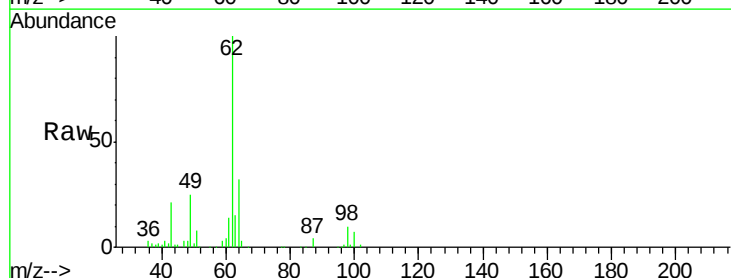
Manual Integrations
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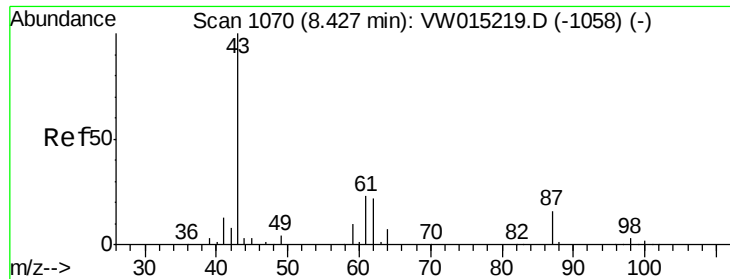
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.931 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.4





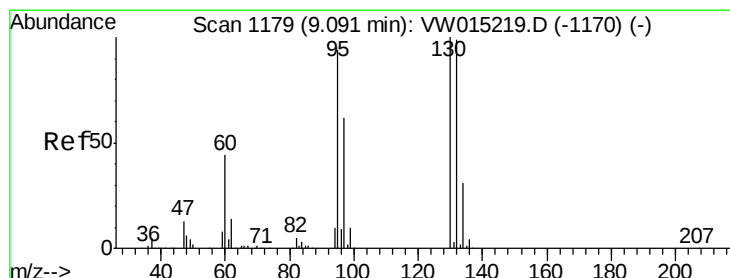
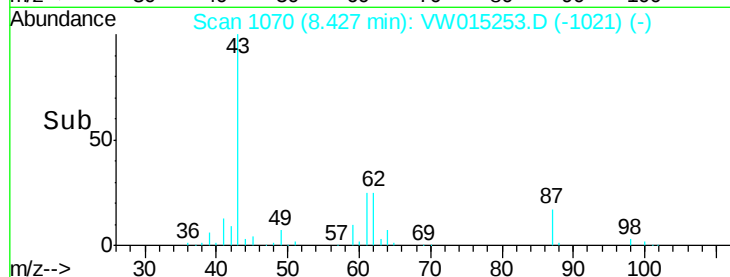
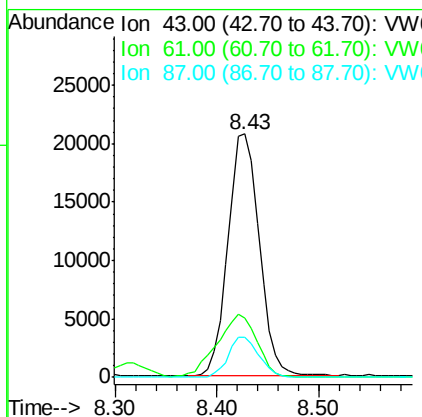
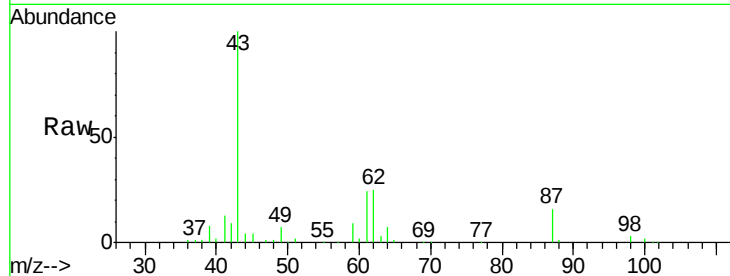
#43
Isopropyl Acetate
Concen: 21.740 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	43	Resp	44344
Ion Ratio	100	Lower	Upper
43	100		
61	33.0	24.8	37.2
87	16.2	11.4	17.2

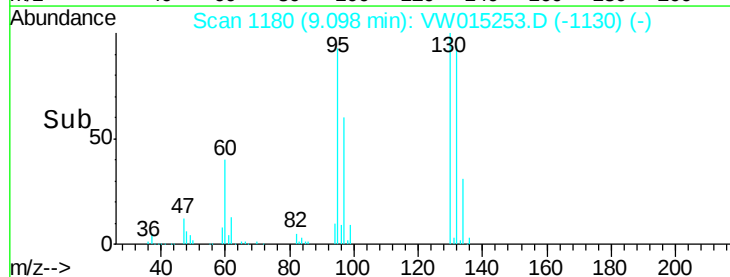
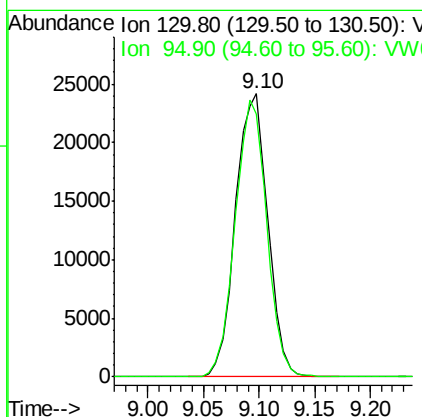
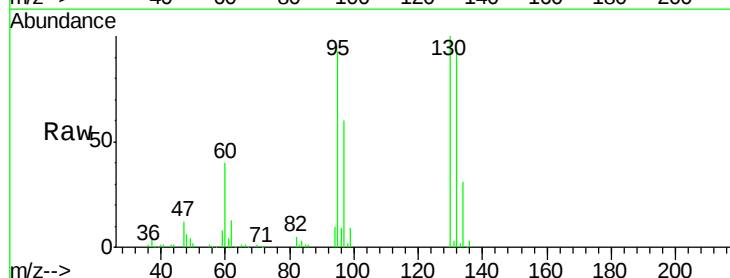
Manual Integrations
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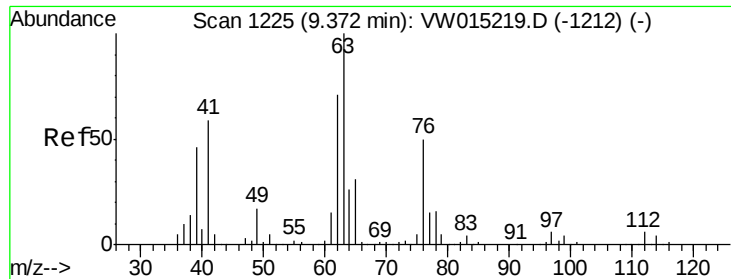
MMDadoda
4/22/2020 11:42:26 AM



#44
Trichloroethene
Concen: 19.858 ug/l
RT: 9.10 min Scan# 1180
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	130	Resp	48622
Ion Ratio	100	Lower	Upper
130	100		
95	92.7	0.0	196.4





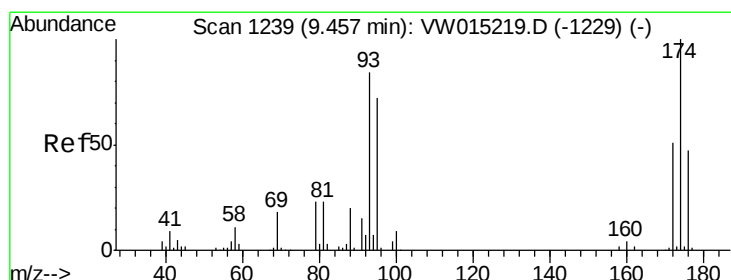
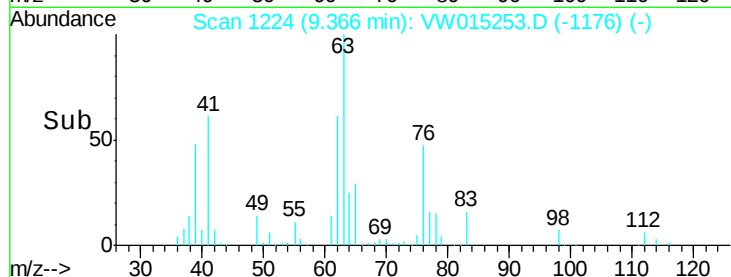
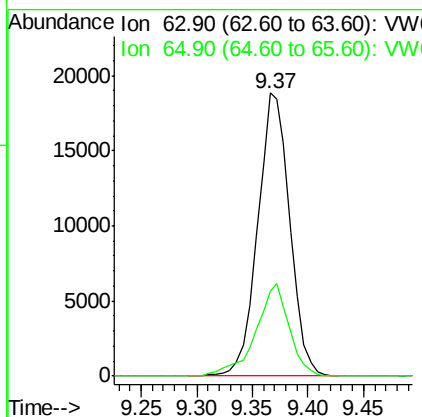
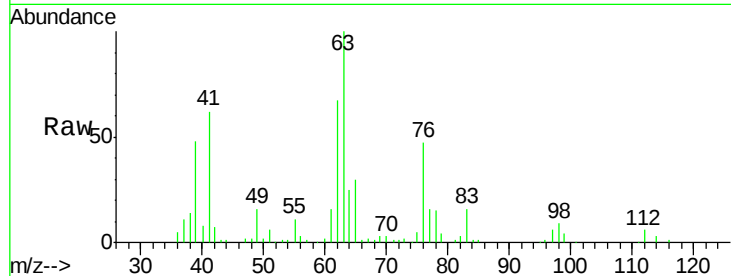
#45
 1,2-Dichloropropane
 Concen: 20.302 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion: 63 Resp: 37792
 Ion Ratio Lower Upper
 63 100
 65 29.8 25.5 38.3

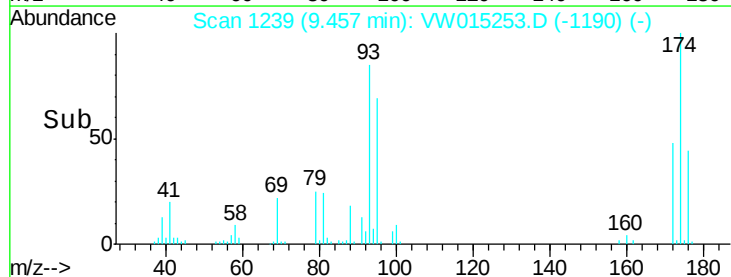
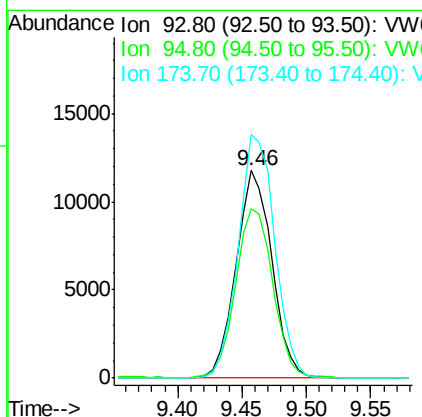
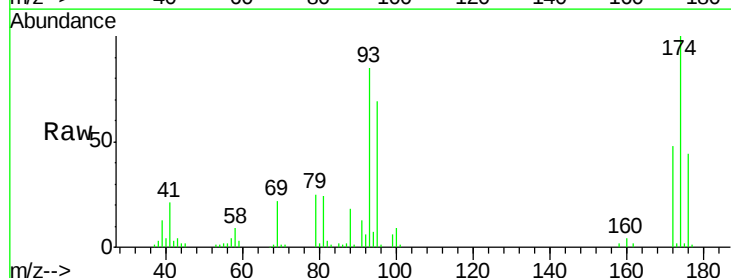
Manual Integrations
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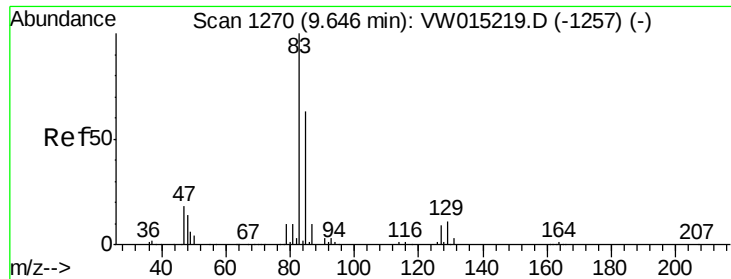
MMDadoda
 4/22/2020 11:42:26 AM



#46
 Dibromomethane
 Concen: 21.103 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 93 Resp: 22724
 Ion Ratio Lower Upper
 93 100
 95 84.7 67.5 101.3
 174 119.3 74.1 111.1#





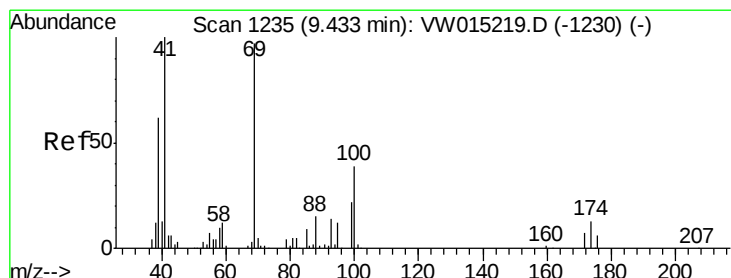
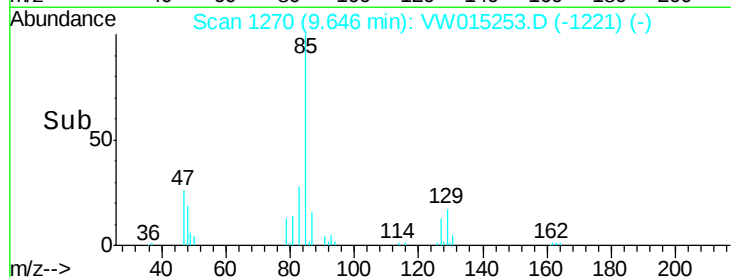
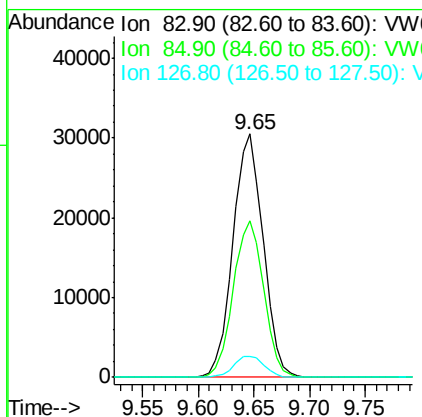
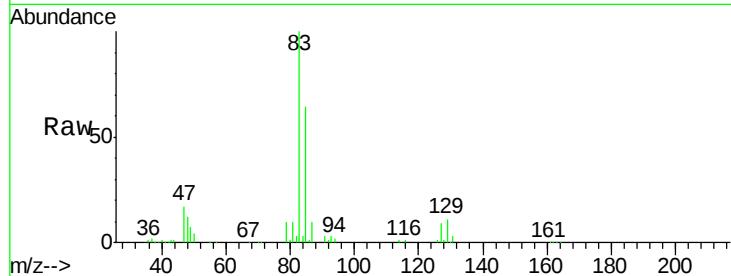
#47
Bromodichloromethane
Concen: 19.941 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	83	Resp	57402
Ion Ratio	100	Lower	Upper
83	100		
85	64.3	50.6	76.0
127	8.6	6.7	10.1

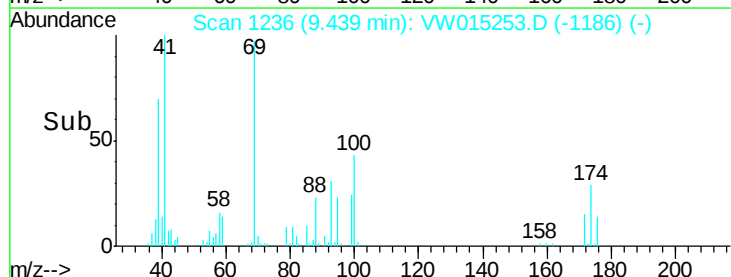
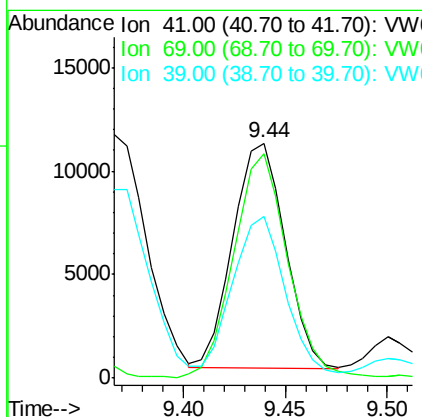
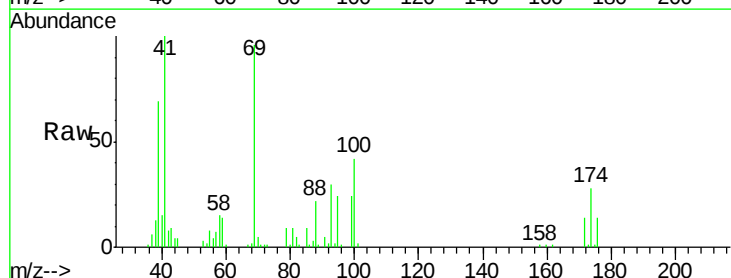
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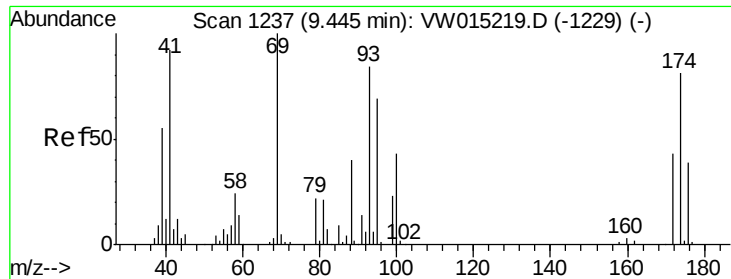
MMDadoda
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#48
Methyl methacrylate
Concen: 20.130 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	41	Resp	19410
Ion Ratio	100	Lower	Upper
41	100		
69	103.4	70.6	105.8
39	68.8	42.6	64.0#





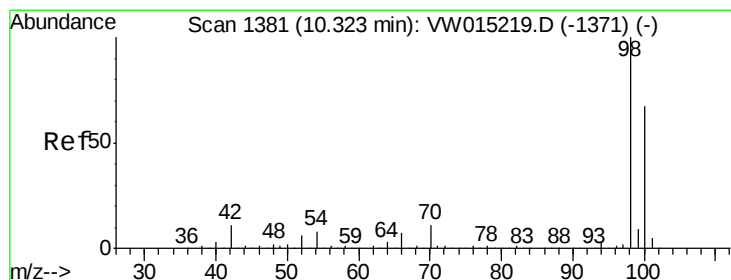
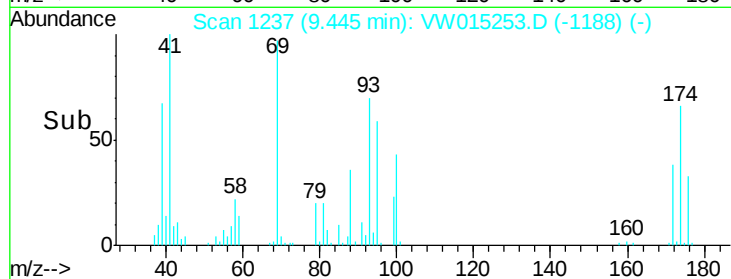
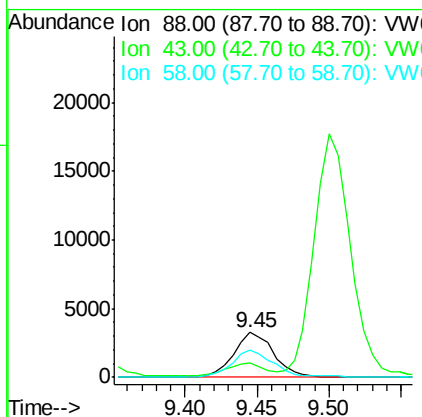
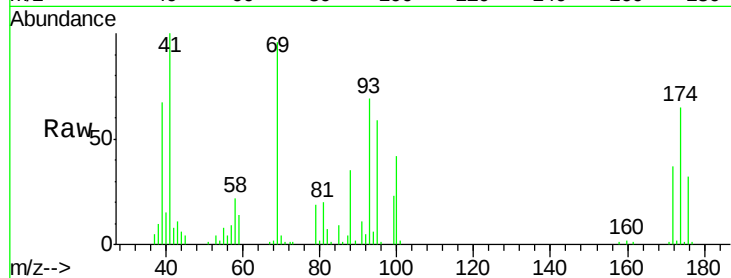
#49
1,4-Dioxane
Concen: 434.414 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.9	23.5	35.3
58	62.8	55.4	83.2

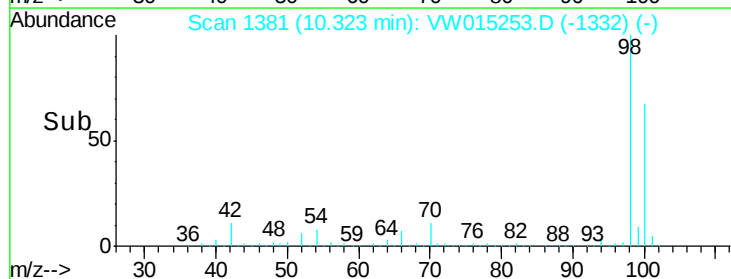
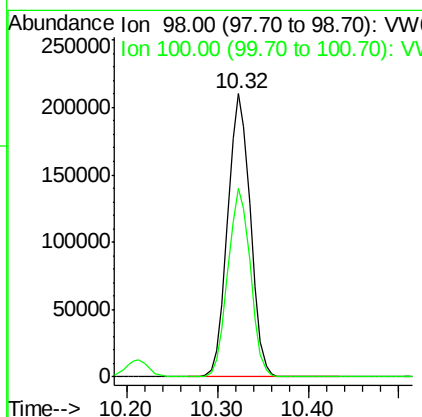
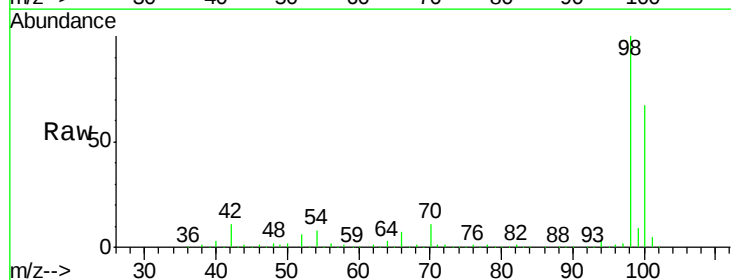
Manual Integrations
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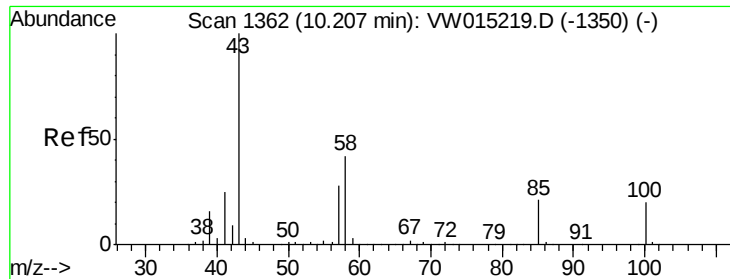
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#50
Toluene-d8
Concen: 47.135 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 110.469 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBSD01

Tot Ion: 43 Resp: 105773

Ion Ratio Lower Upper

43 100

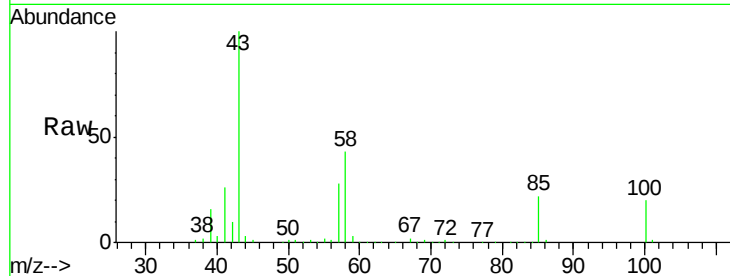
58 42.6 32.3 48.5

Manual Integrations

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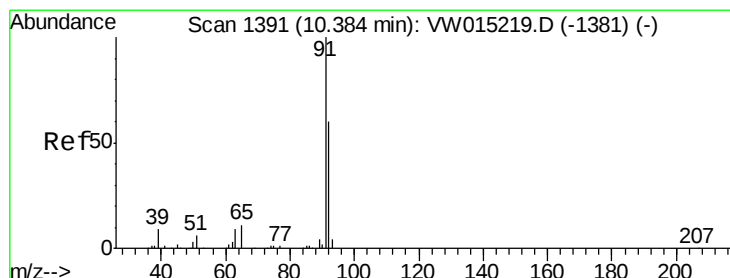
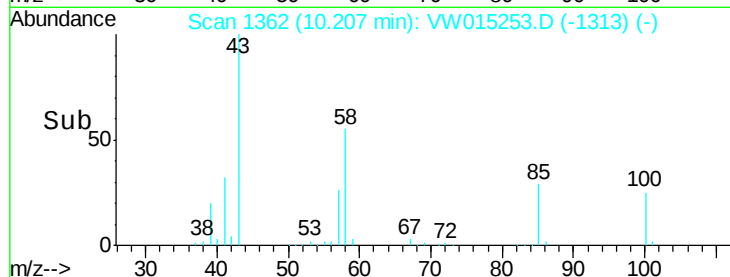
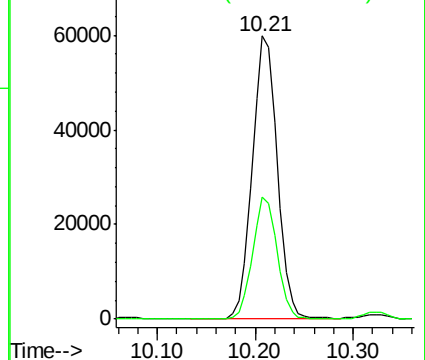
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 19.962 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015253.D

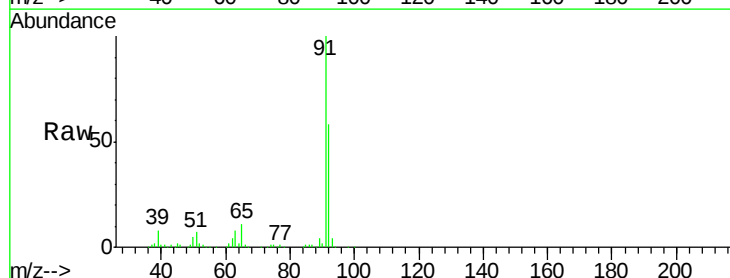
Acq: 21 Apr 2020 11:19

Tgt Ion: 92 Resp: 111830

Ion Ratio Lower Upper

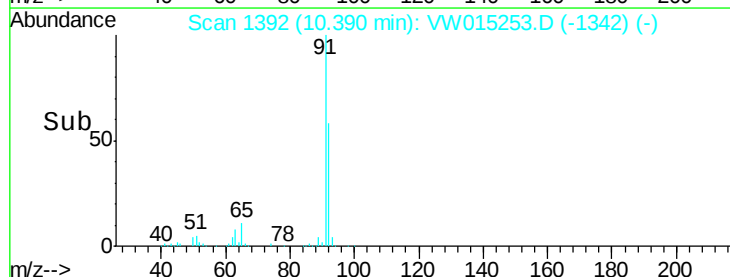
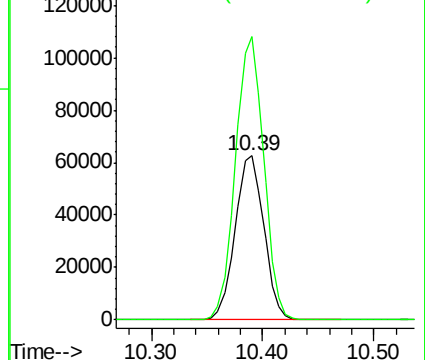
92 100

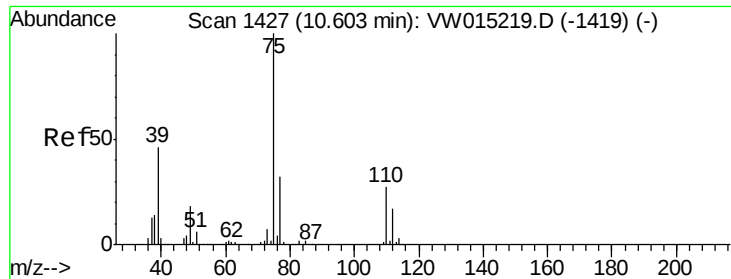
91 170.2 137.1 205.7



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#53

t-1,3-Dichloropropene

Concen: 20.569 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 75 Resp: 58382

Ion Ratio Lower Upper

75 100

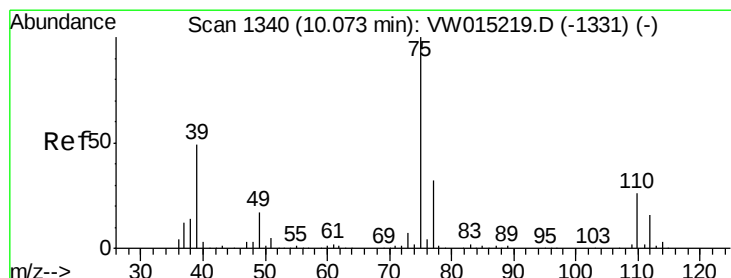
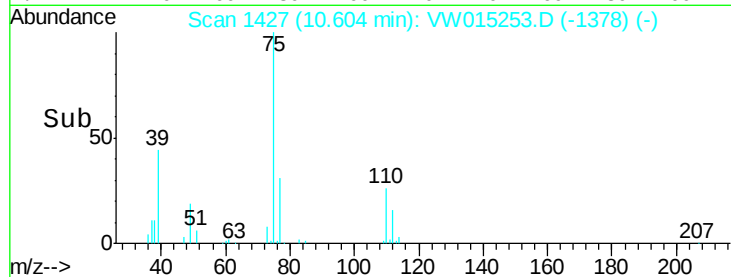
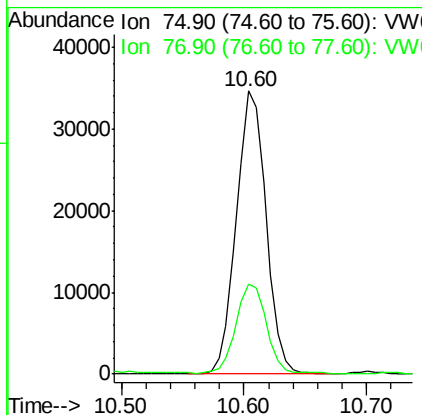
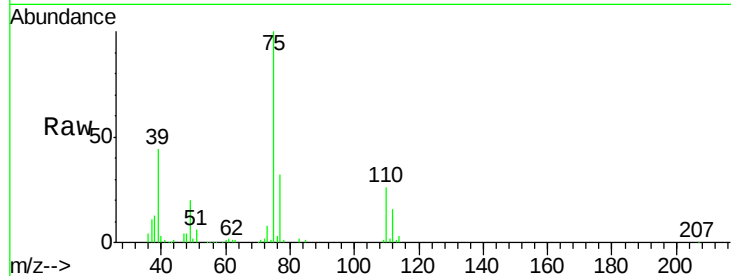
77 31.3 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 20.579 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

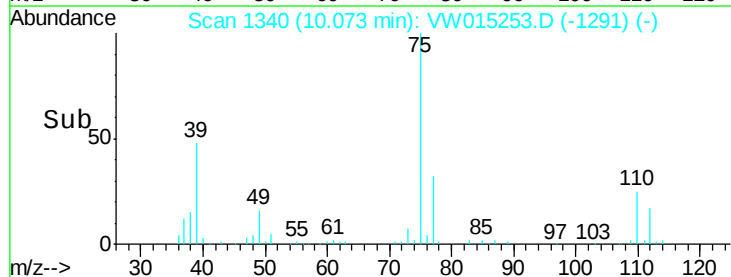
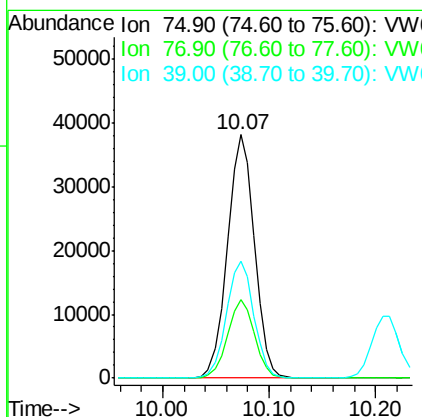
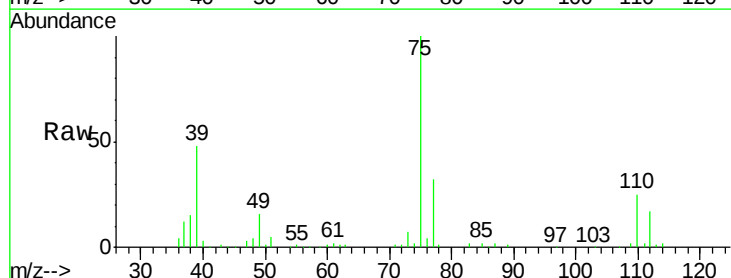
Tgt Ion: 75 Resp: 67894

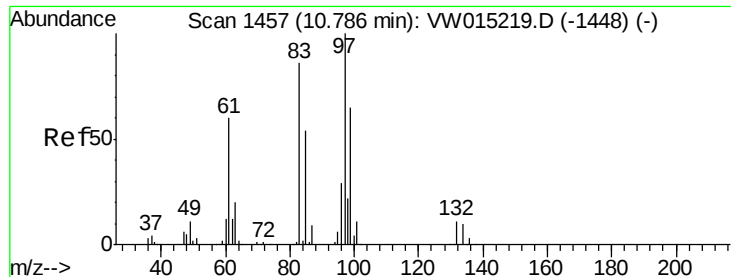
Ion Ratio Lower Upper

75 100

77 32.2 26.6 39.8

39 47.6 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 21.485 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBSD01

Tot Ion: 97 Resp: 32395

Ion Ratio Lower Upper

97 100

83 81.8 67.3 100.9

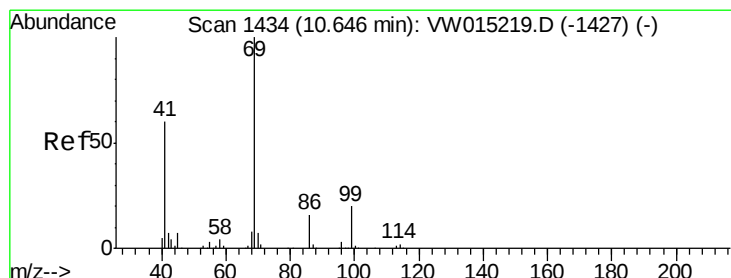
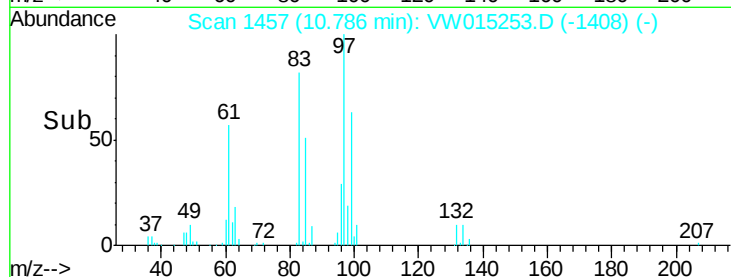
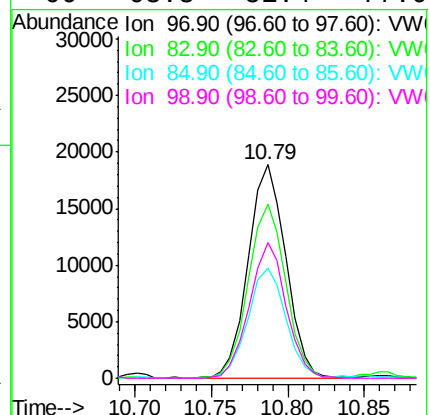
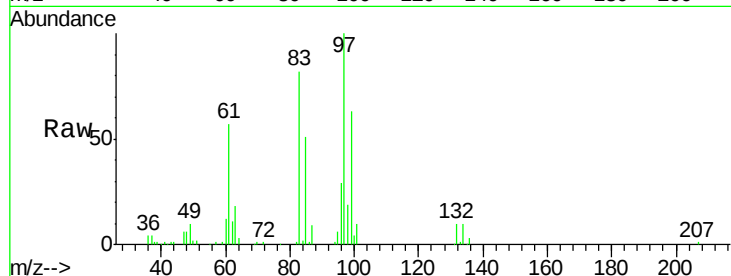
85 51.5 43.8 65.8

99 63.3 51.4 77.0

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#56

Ethyl methacrylate

Concen: 21.066 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

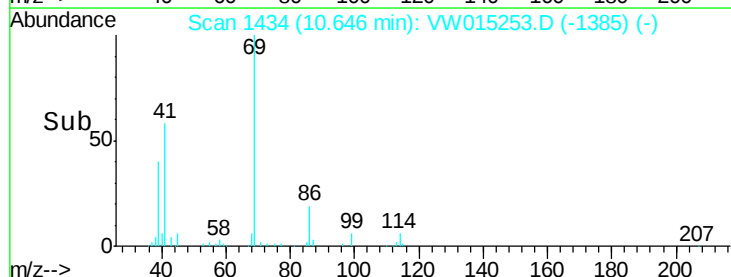
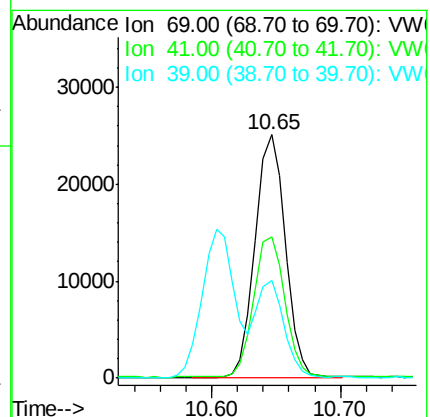
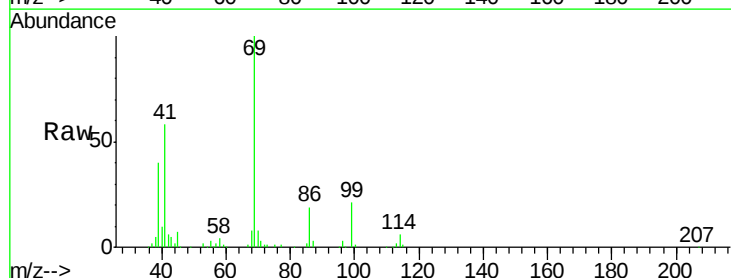
Tgt Ion: 69 Resp: 40919

Ion Ratio Lower Upper

69 100

41 59.8 51.3 76.9

39 35.9 24.6 37.0





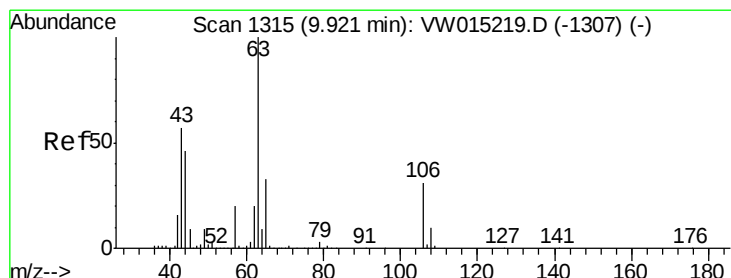
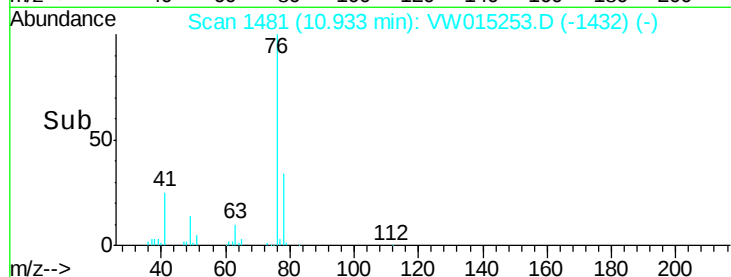
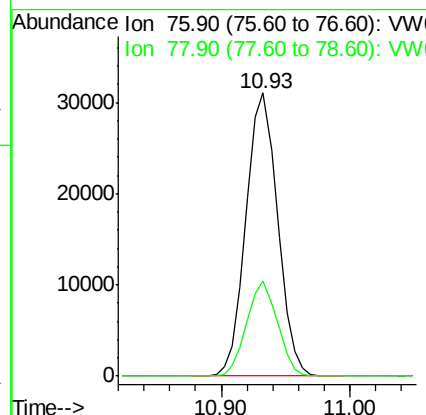
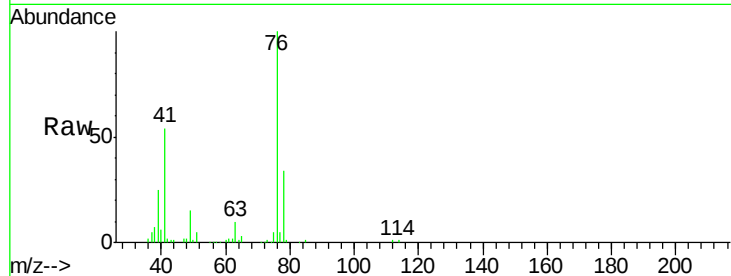
#57
 1,3-Dichloropropane
 Concen: 21.136 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampled :
 VW0421SBSD01

Tot Ion: 76 Resp: 52790
 Ion Ratio Lower Upper
 76 100
 78 32.7 26.2 39.4

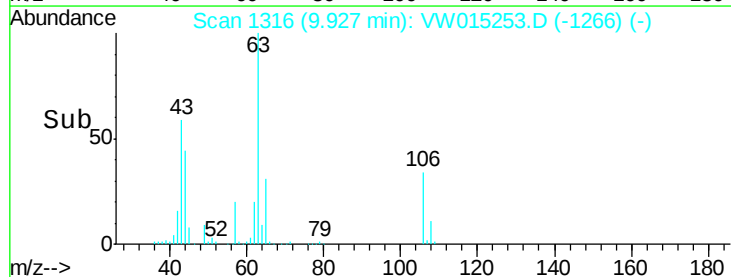
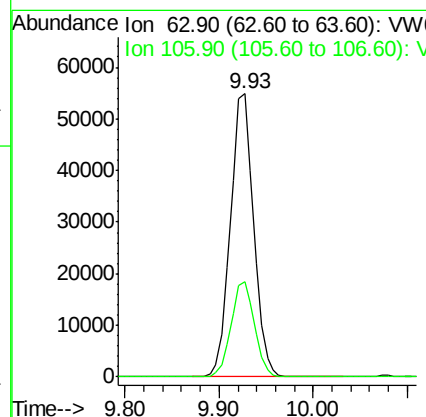
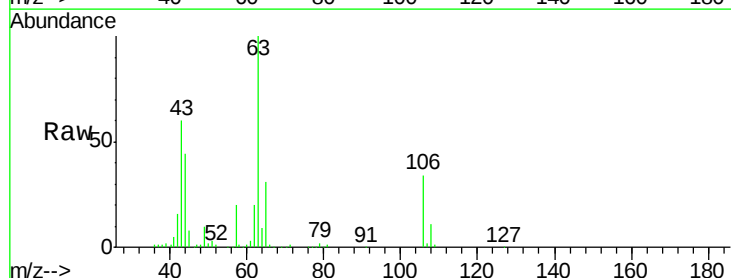
Manual Integrations
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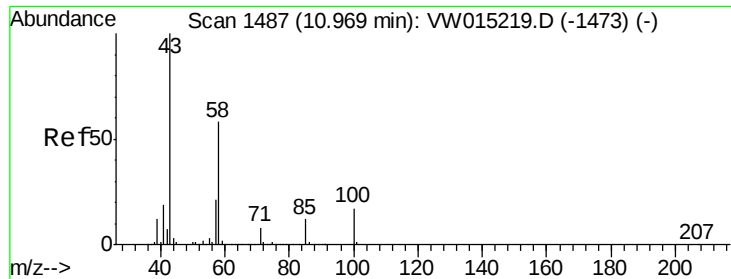
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 104.626 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion: 63 Resp: 94220
 Ion Ratio Lower Upper
 63 100
 106 33.6 22.6 33.8





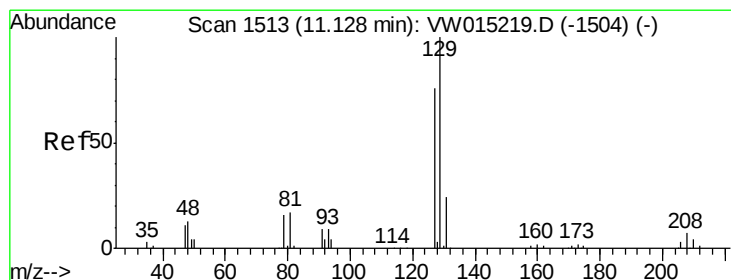
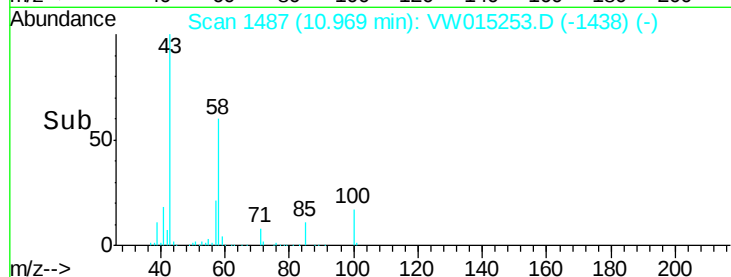
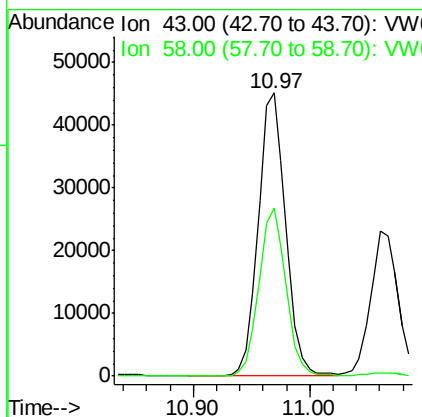
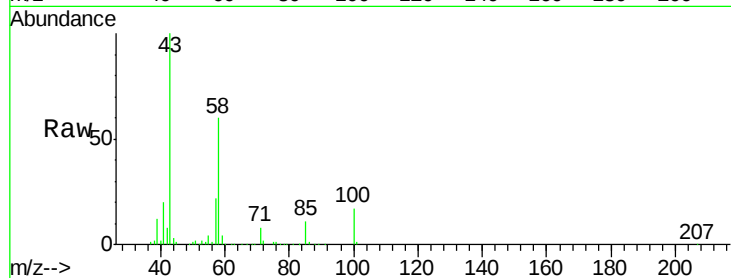
#59
2-Hexanone
Concen: 107.868 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion: 43 Resp: 73727
Ion Ratio Lower Upper
43 100
58 59.2 28.1 84.3

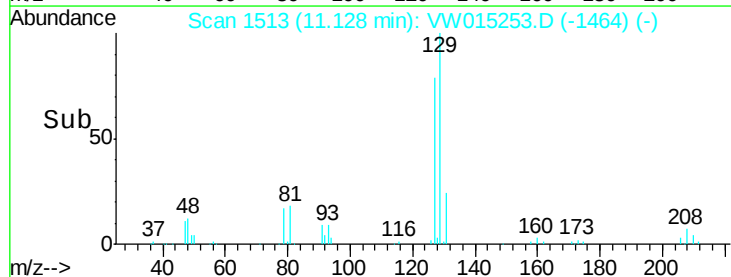
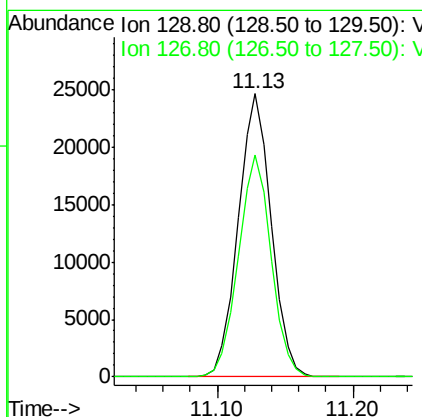
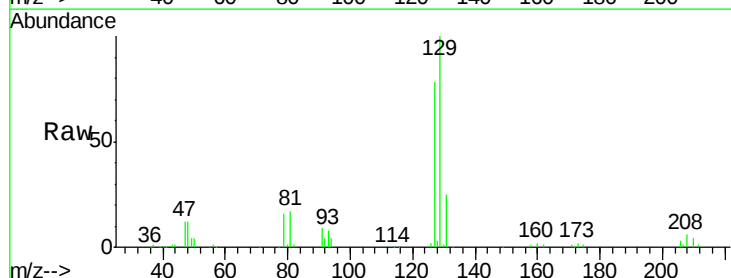
Manual Integrations
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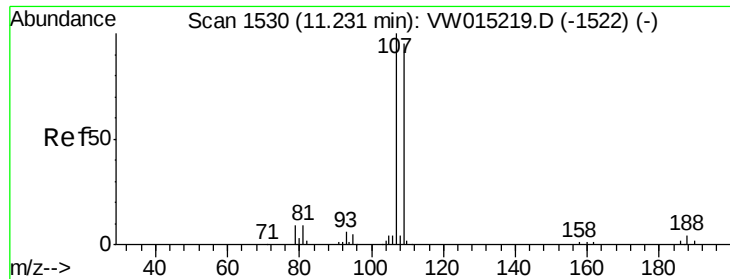
MMDadoda
4/22/2020 11:42:26 AM



#60
Dibromochloromethane
Concen: 20.937 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion: 129 Resp: 41681
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8





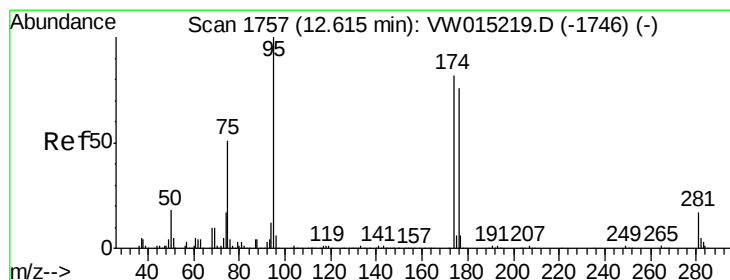
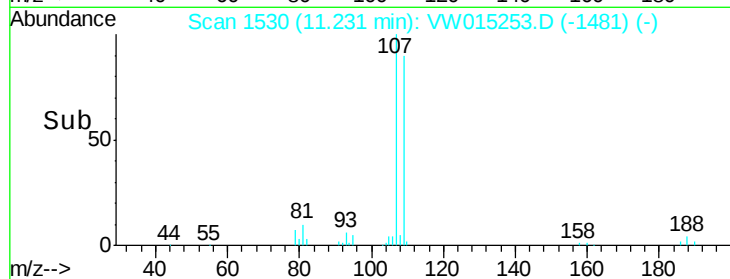
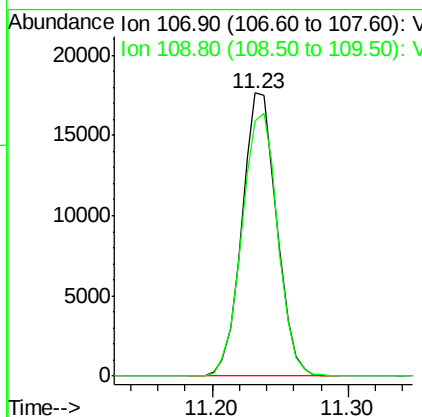
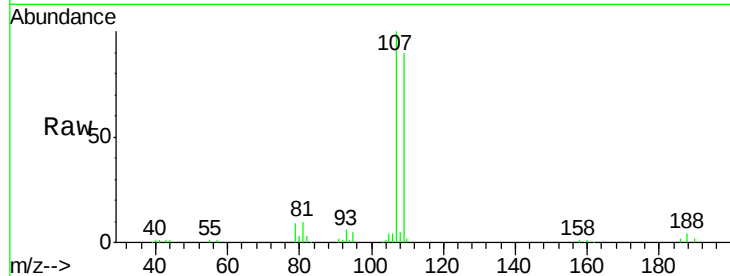
#61
 1,2-Dibromoethane
 Concen: 21.450 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.6	74.3	111.5

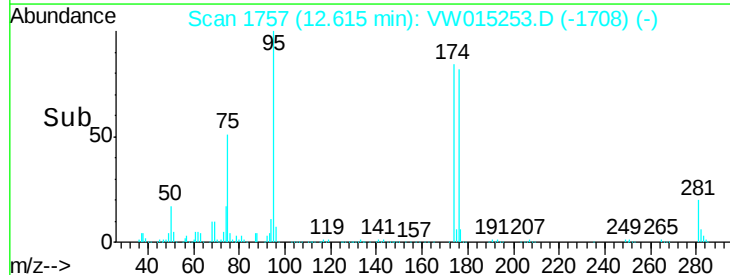
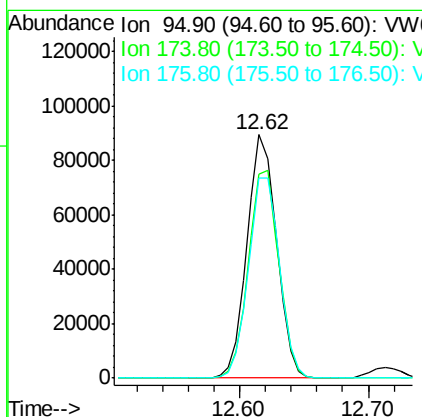
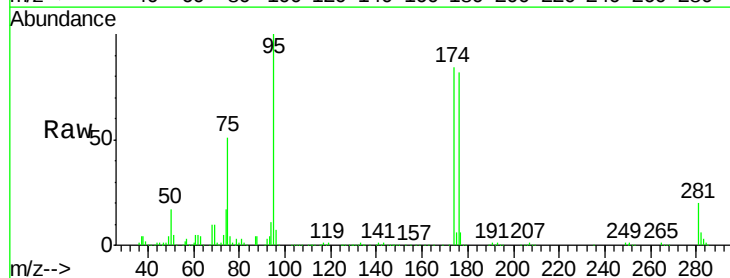
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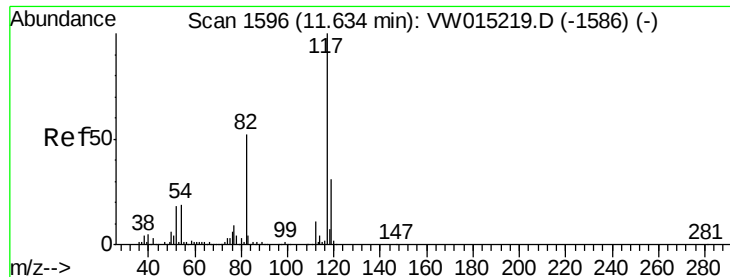
MMDadoda
 4/22/2020 11:42:26 AM



#62
 4-Bromofluorobenzene
 Concen: 47.998 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.7	0.0	144.4
176	86.3	0.0	140.6





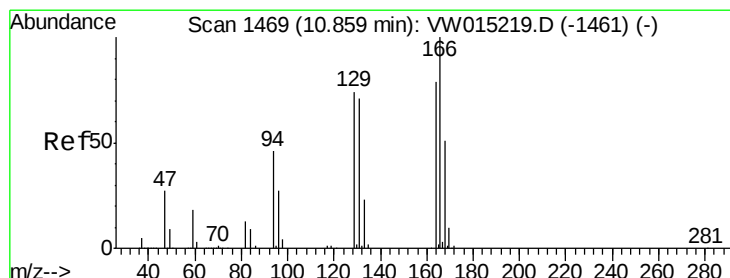
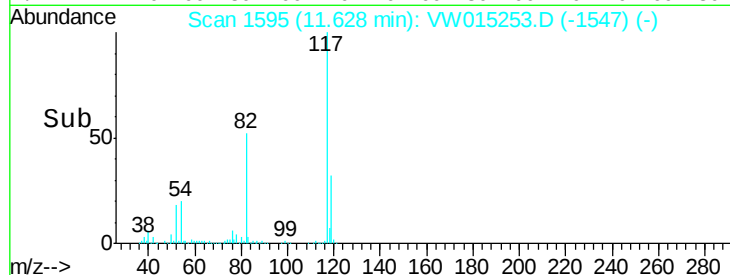
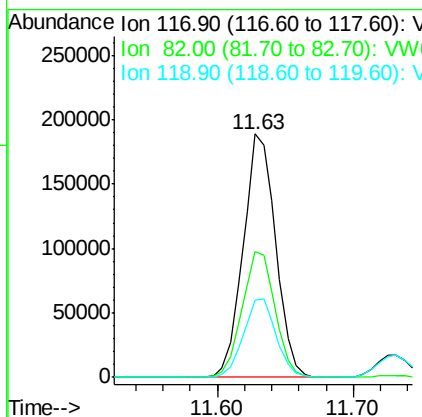
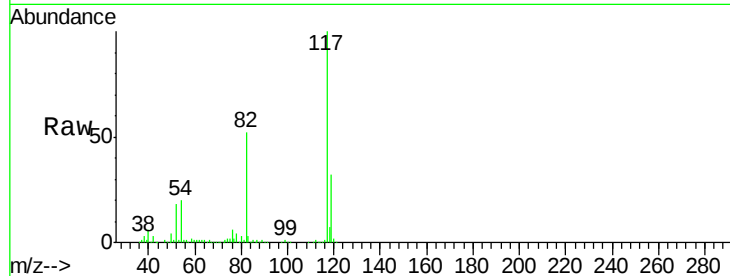
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion:	117	Resp:	314787
Ion Ratio	Lower	Upper	
117	100		
82	51.8	44.1	66.1
119	31.9	24.9	37.3

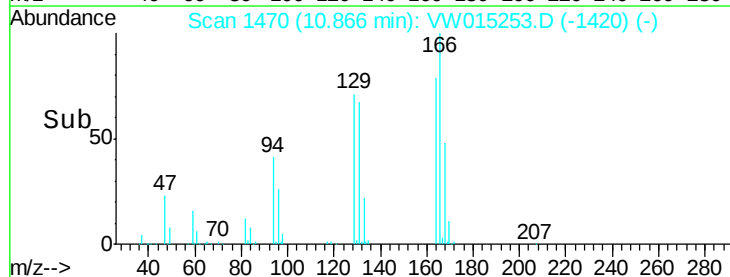
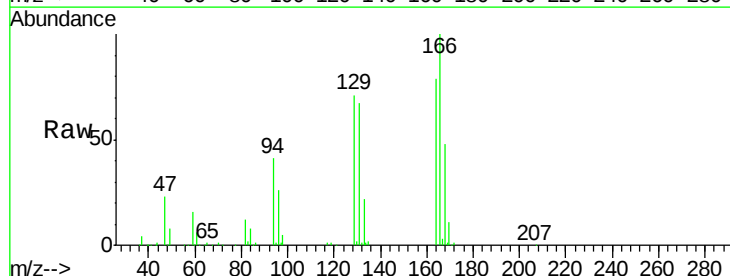
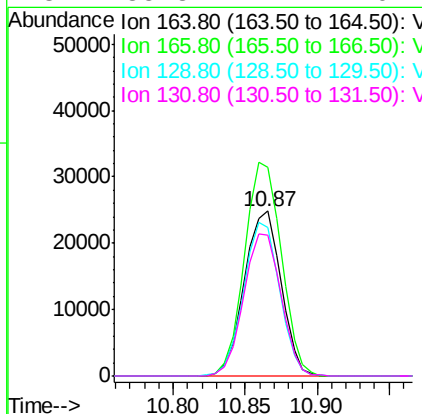
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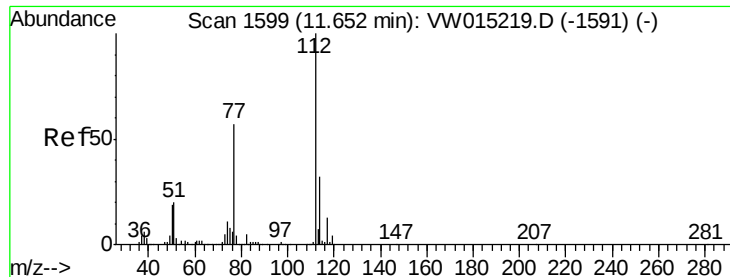
MMDadoda
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#64
Tetrachloroethene
Concen: 19.535 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion:	164	Resp:	43889
Ion Ratio	Lower	Upper	
164	100		
166	126.7	102.6	154.0
129	90.0	80.2	120.2
131	85.3	77.4	116.2





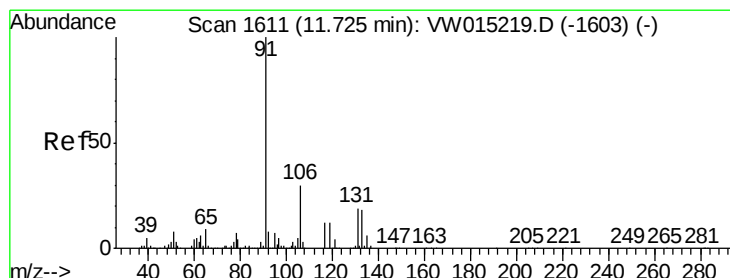
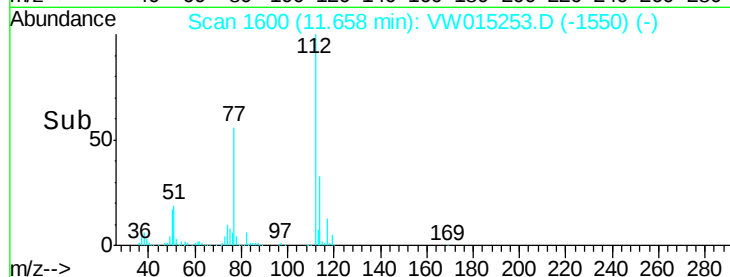
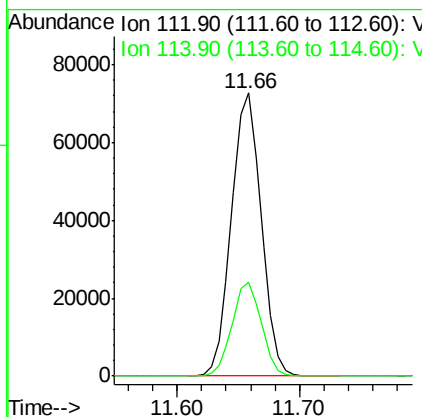
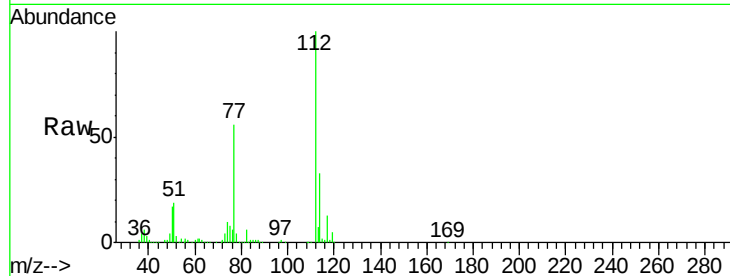
#65
Chlorobenzene
Concen: 19.846 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	33.0	25.8	38.6

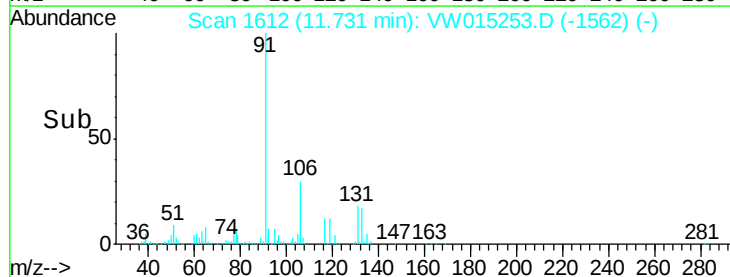
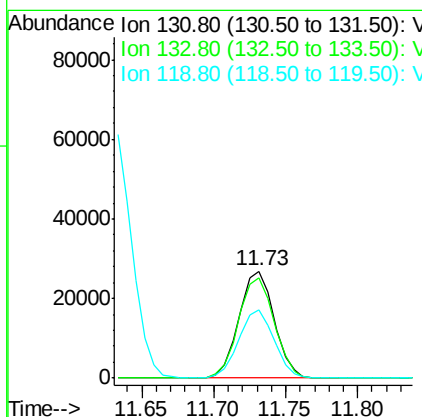
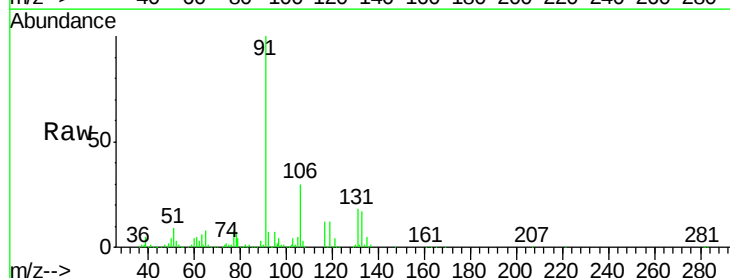
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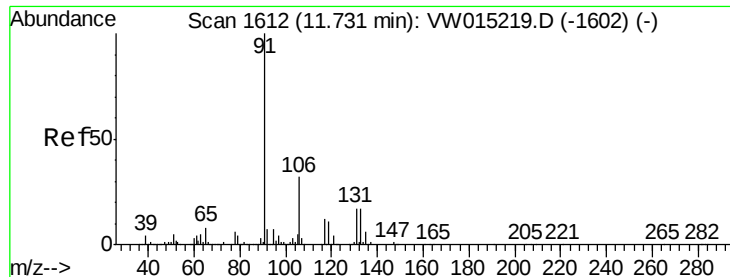
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.524 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.01 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.7	143.1
119	64.3	34.0	101.8





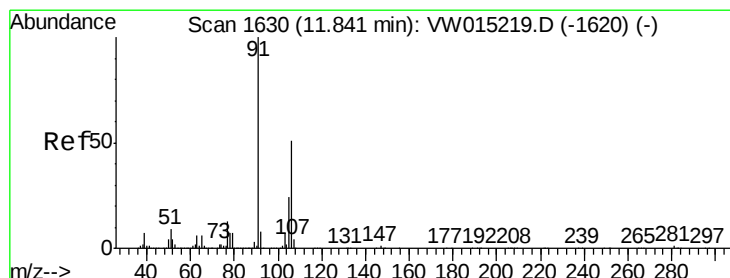
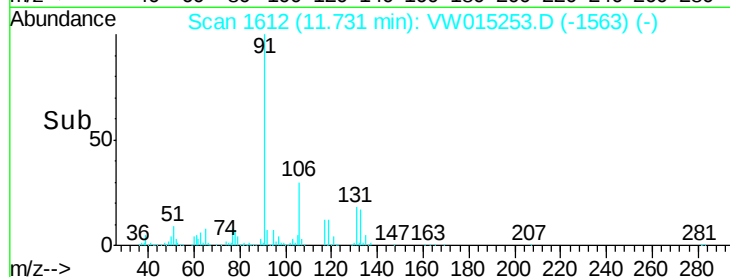
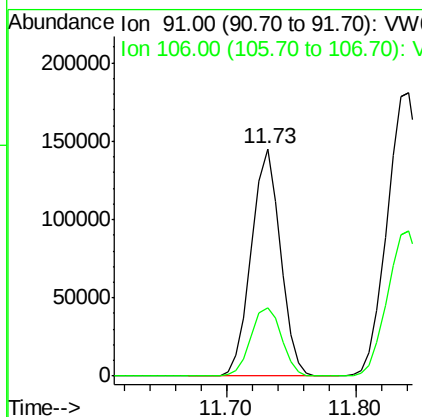
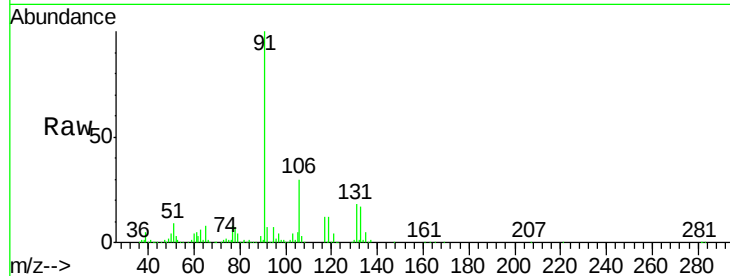
#67
Ethyl Benzene
Concen: 19.642 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		226267		
106	30.2	25.7	38.5		

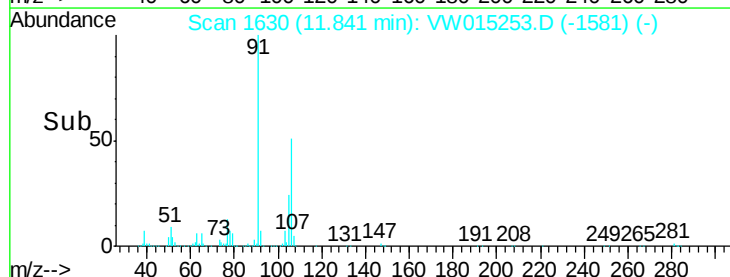
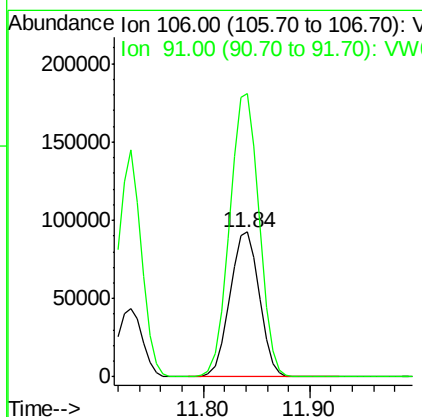
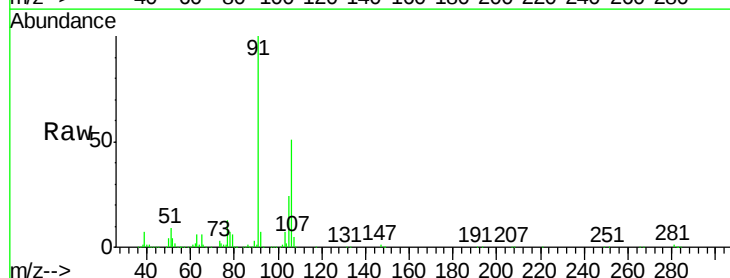
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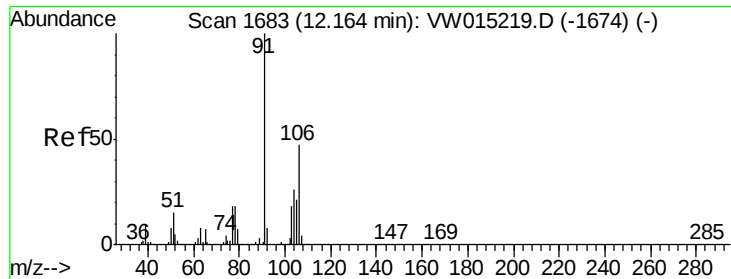
MMDadoda
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#68
m/p-Xylenes
Concen: 39.782 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		179628		
91	195.3	160.0	240.0		





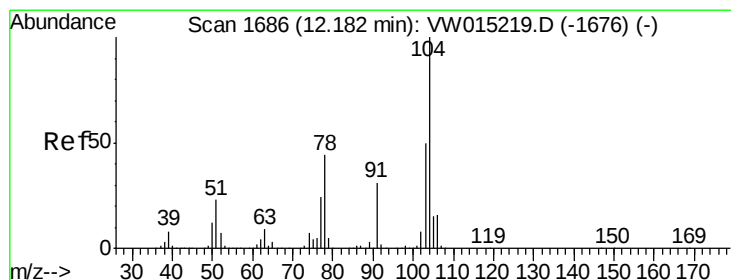
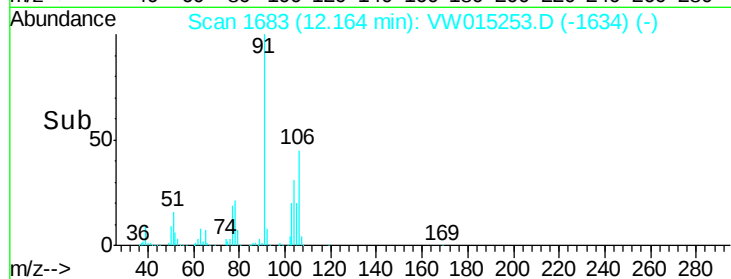
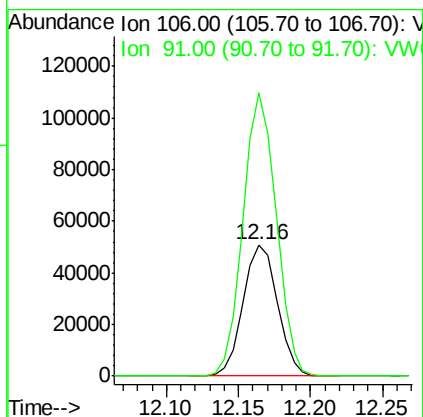
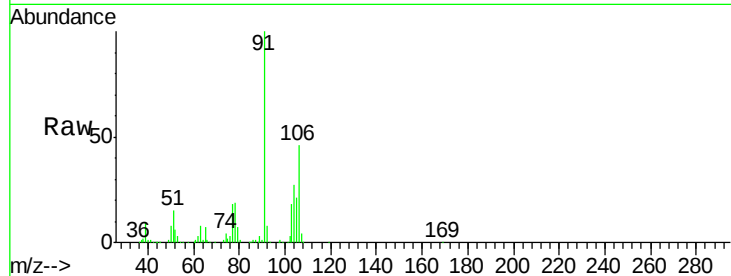
#69
o-Xylene
Concen: 19.888 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion:106 Resp: 83817
Ion Ratio Lower Upper
106 100
91 209.5 105.7 317.1

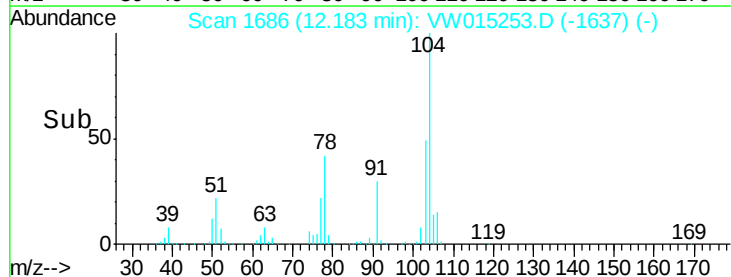
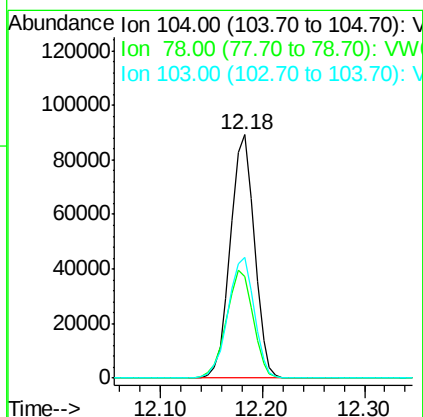
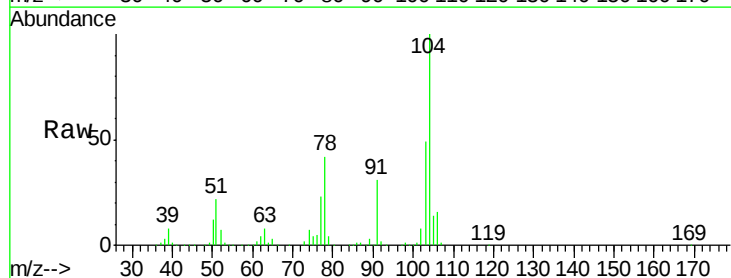
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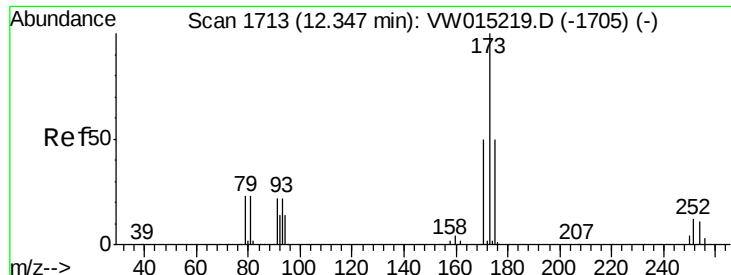
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#70
Styrene
Concen: 20.206 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion:104 Resp: 145160
Ion Ratio Lower Upper
104 100
78 48.9 39.8 59.6
103 53.8 43.8 65.6





#71

Bromoform

Concen: 20.815 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBSD01

Tot Ion:173 Resp: 26038

Ion Ratio Lower Upper

173 100

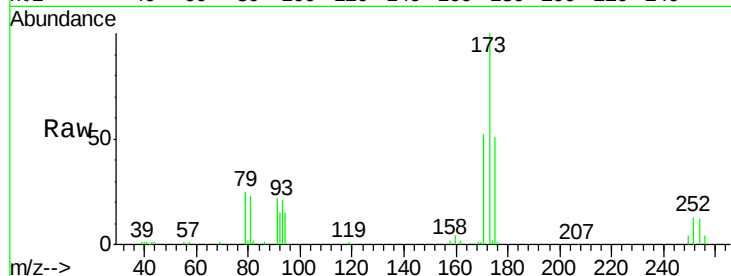
175 50.8 25.1 75.4

254 0.0 0.1 0.1#

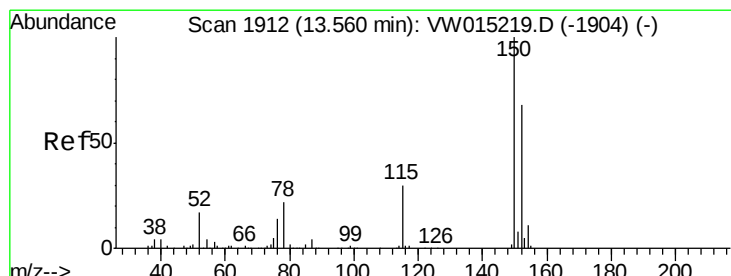
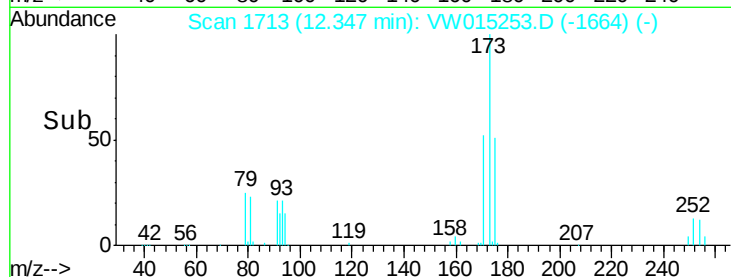
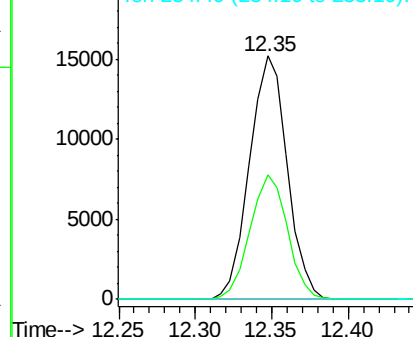
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

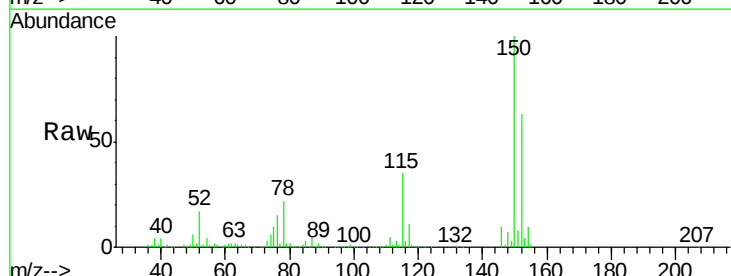
Tgt Ion:152 Resp: 176812

Ion Ratio Lower Upper

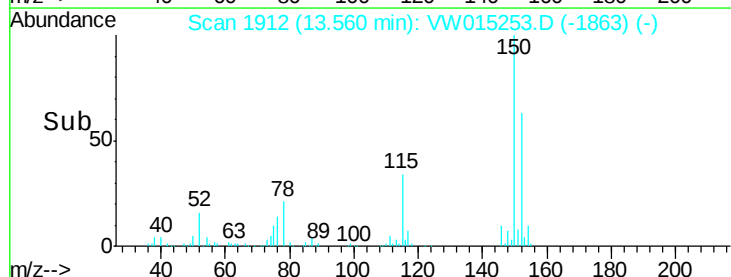
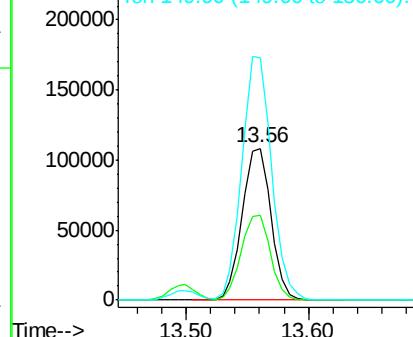
152 100

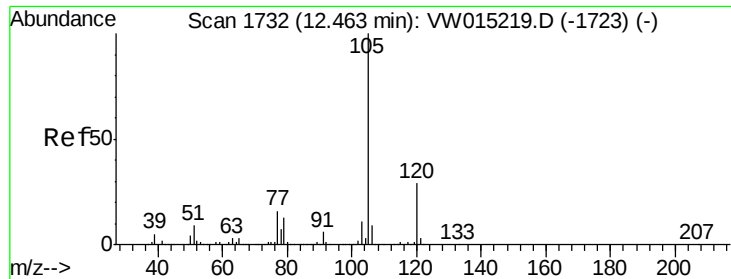
115 56.5 31.3 93.9

150 165.6 0.0 343.4



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





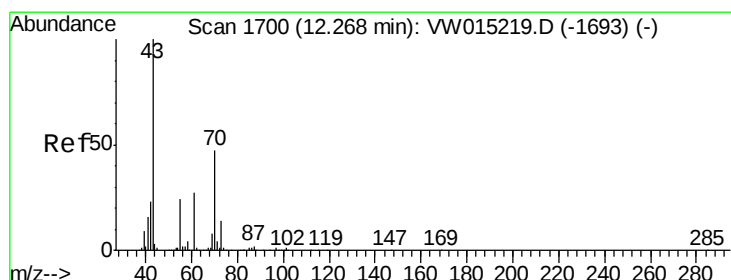
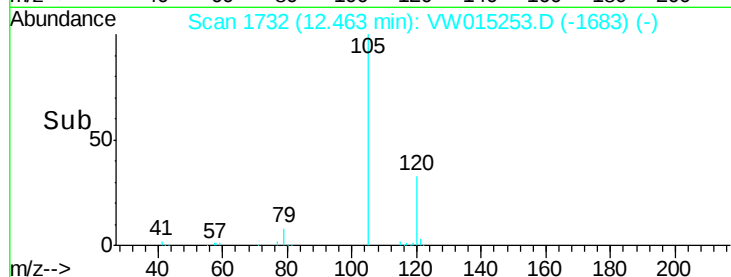
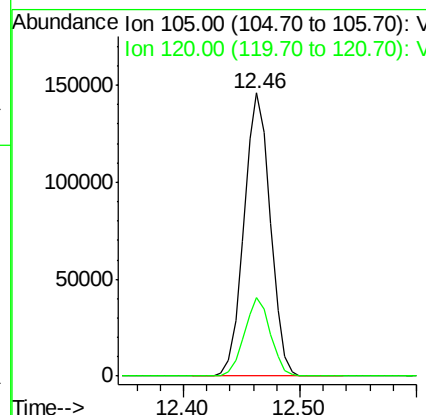
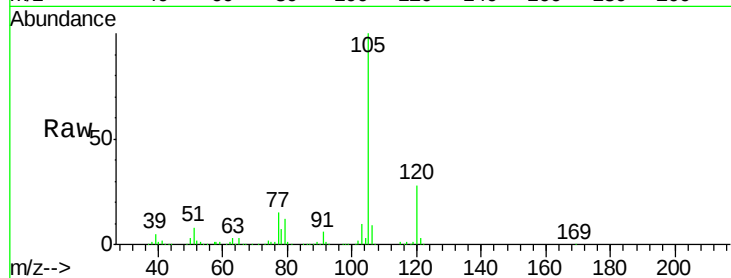
#73
Isopropylbenzene
Concen: 18.764 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.3	13.7	41.1

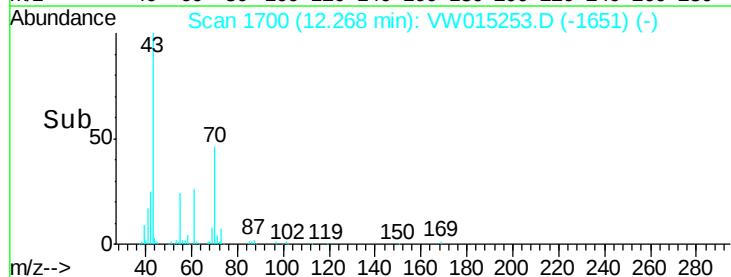
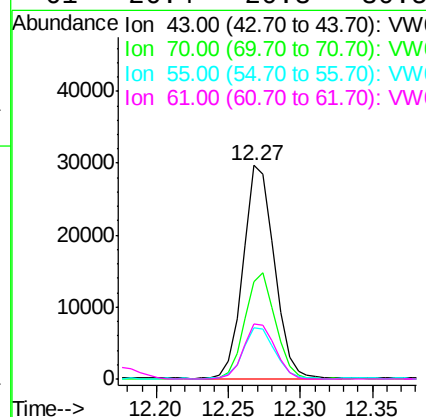
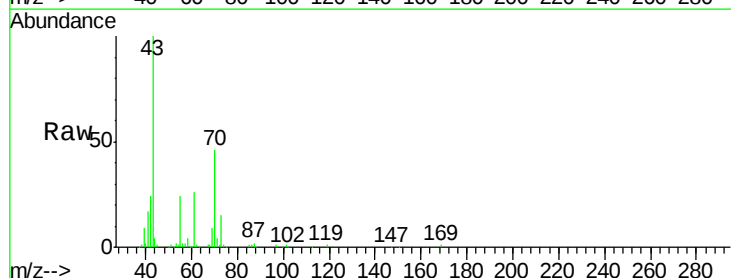
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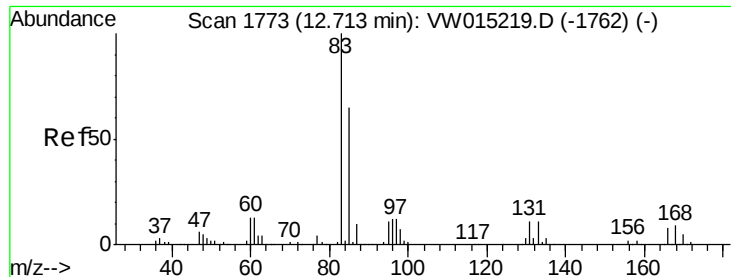
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#74
N-ethyl acetate
Concen: 20.754 ug/l
RT: 12.27 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
43	100		
70	49.3	35.4	53.2
55	25.1	18.5	27.7
61	26.4	20.3	30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.136 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

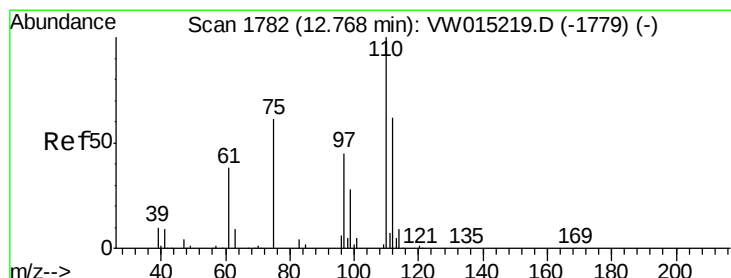
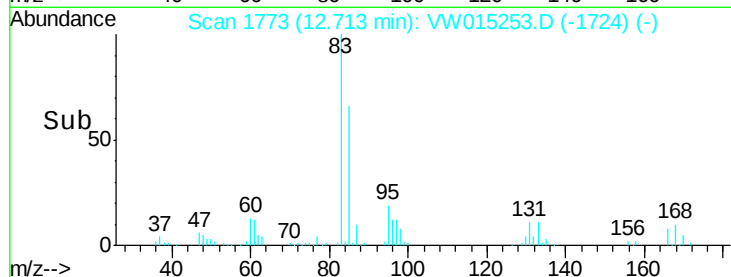
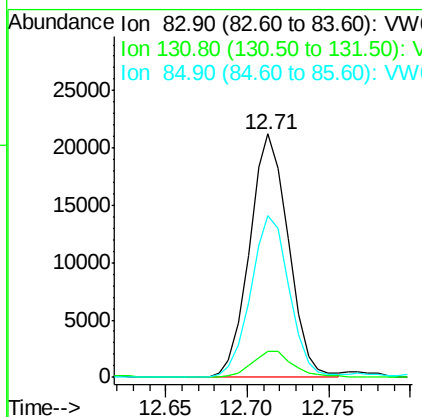
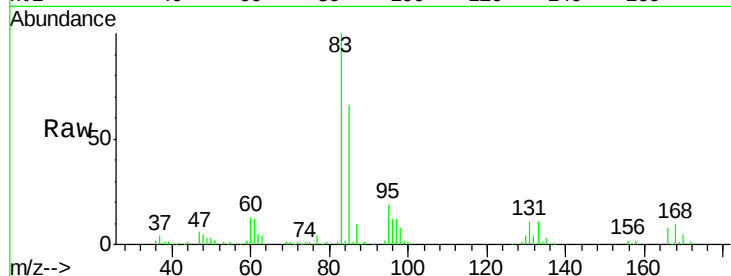
ClientSampleId :

VW0421SBSD01

Tot Ion:	83	Resp:	35048
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.1	15.2
85	65.8	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 20.241 ug/l m

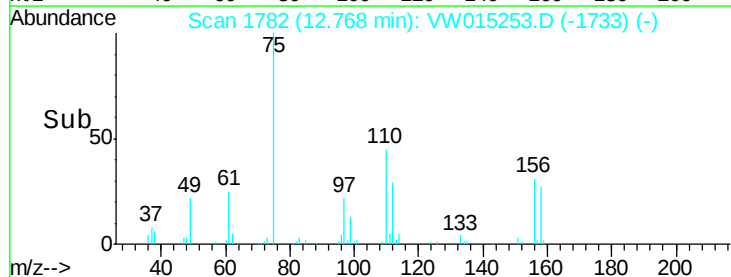
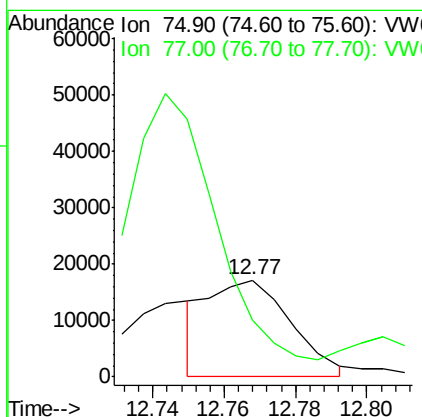
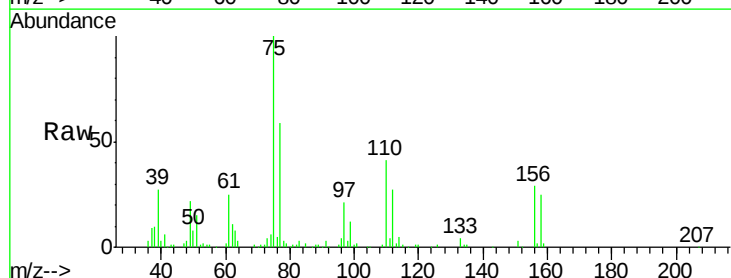
RT: 12.77 min Scan# 1782

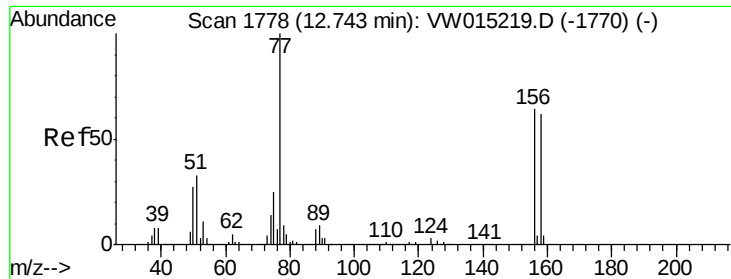
Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion:	75	Resp:	27686
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.880 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBSD01

Tot Ion:156 Resp: 55993

Ion Ratio Lower Upper

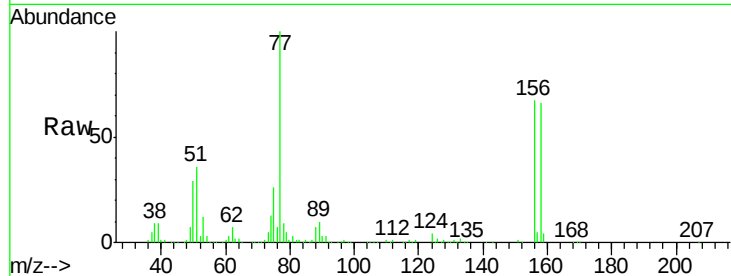
156 100

77 165.4 100.5 301.5

158 97.5 47.9 143.8

Manual Integrations
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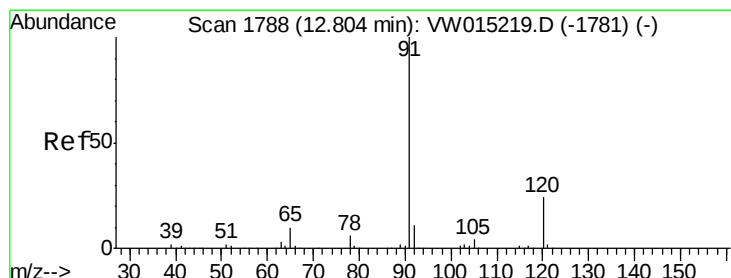
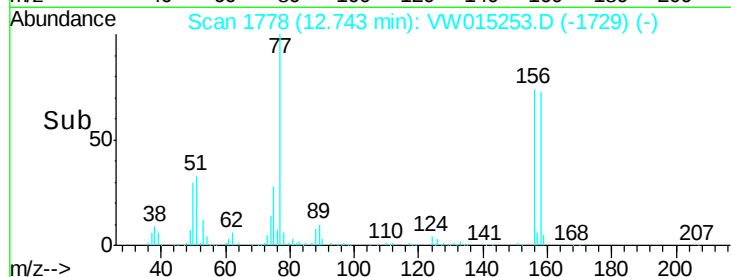
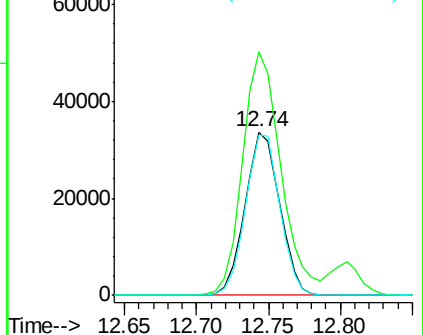
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.921 ug/l

RT: 12.80 min Scan# 1788

Delta R.T. 0.00 min

Lab File: VW015253.D

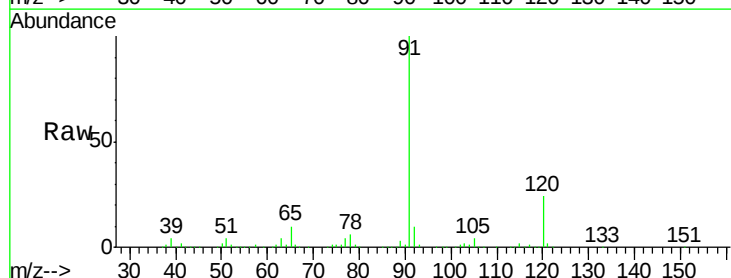
Acq: 21 Apr 2020 11:19

Tgt Ion: 91 Resp: 270067

Ion Ratio Lower Upper

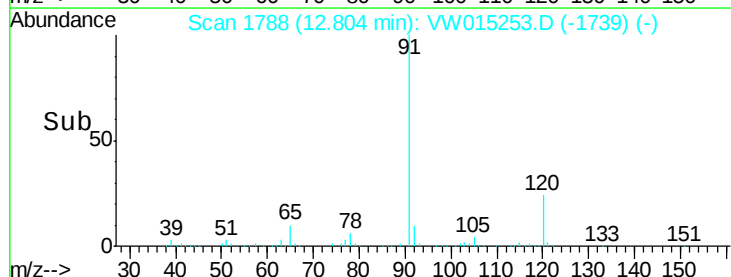
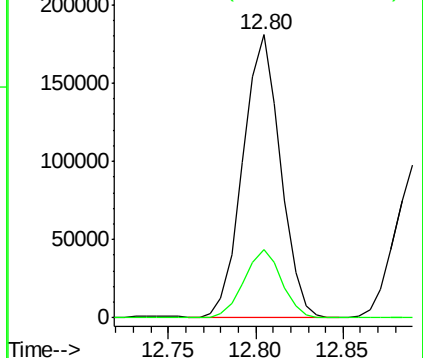
91 100

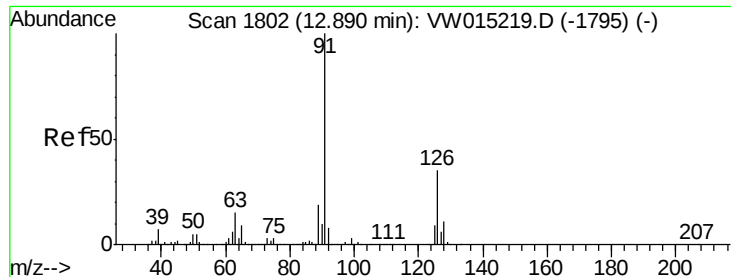
120 24.1 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.957 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 91 Resp: 152486

Ion Ratio Lower Upper

91 100

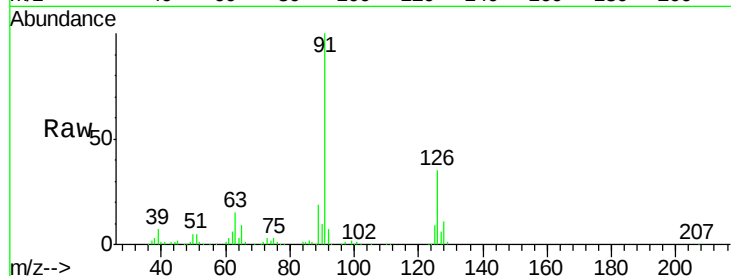
126 35.8 16.8 50.4

Manual Integrations

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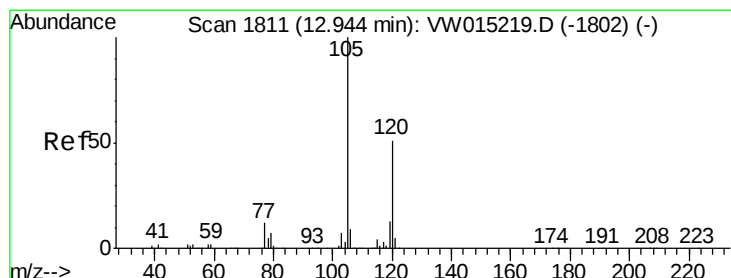
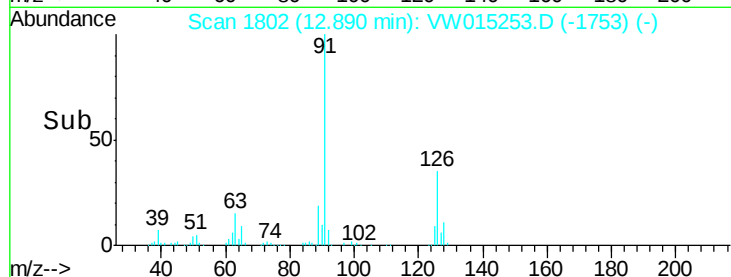
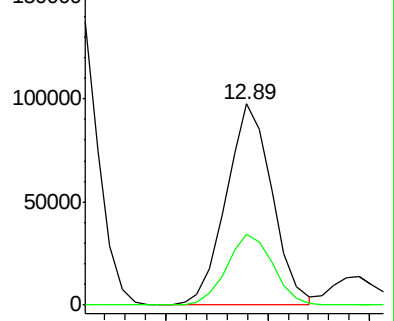
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.083 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW015253.D

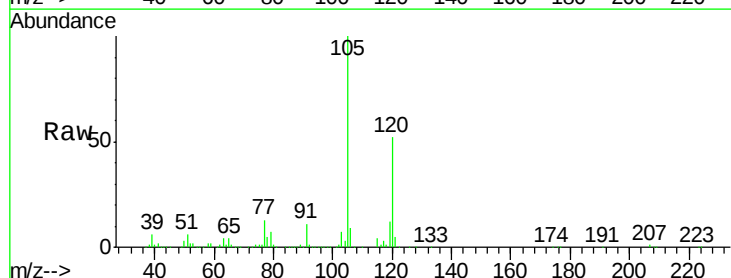
Acq: 21 Apr 2020 11:19

Tgt Ion:105 Resp: 201522

Ion Ratio Lower Upper

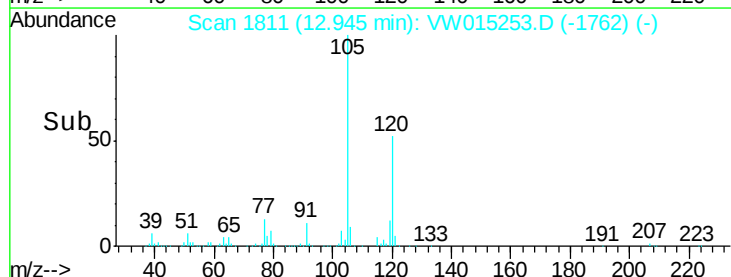
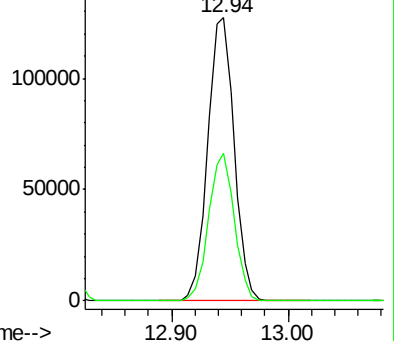
105 100

120 50.8 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.073 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Instrument :

MSVOA_W

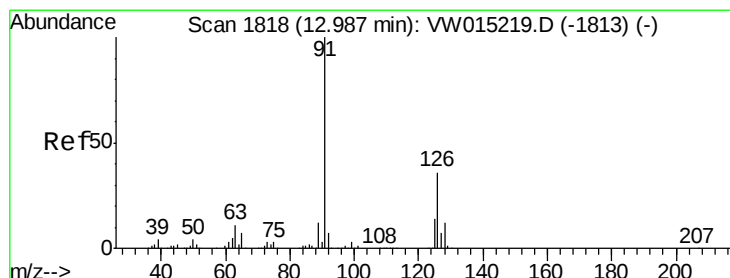
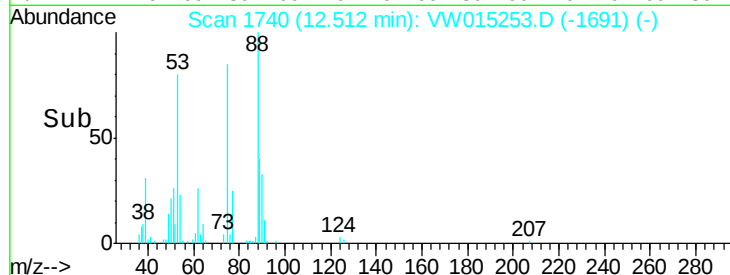
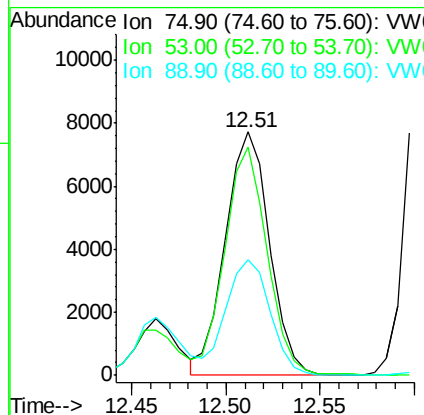
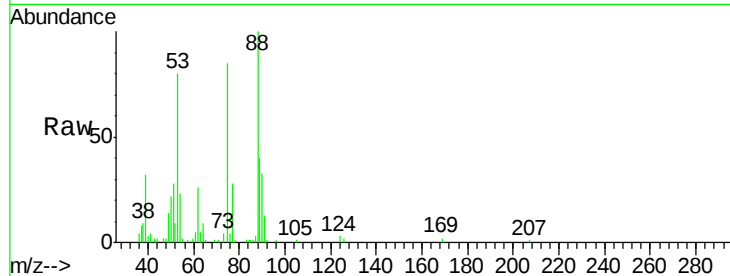
ClientSampleId :

VW0421SBSD01

Tot Ion:	75	Resp:	12560
Ion	Ratio	Lower	Upper
75	100		
53	90.4	69.4	104.2
89	47.0	34.8	52.2

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.036 ug/l

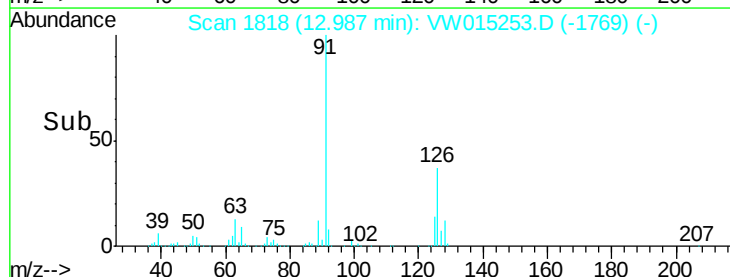
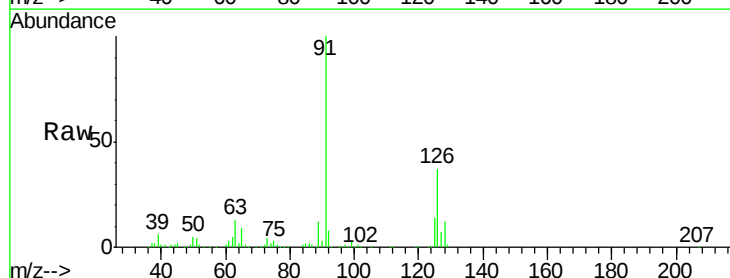
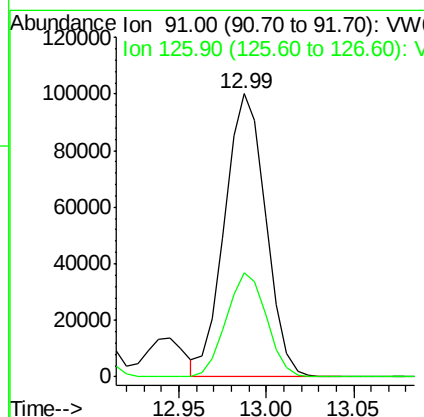
RT: 12.99 min Scan# 1818

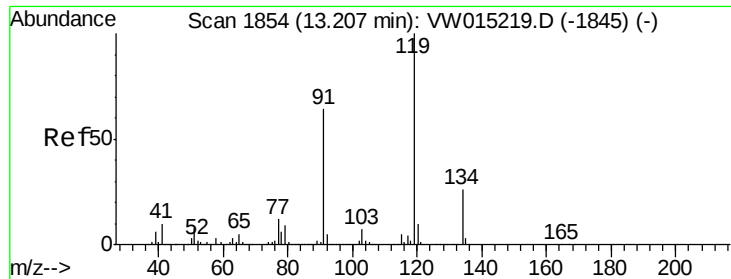
Delta R.T. 0.00 min

Lab File: VW015253.D

Acq: 21 Apr 2020 11:19

Tgt Ion:	91	Resp:	162584
Ion	Ratio	Lower	Upper
91	100		
126	36.1	16.8	50.3





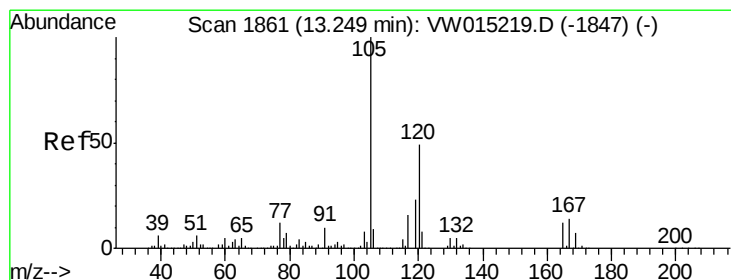
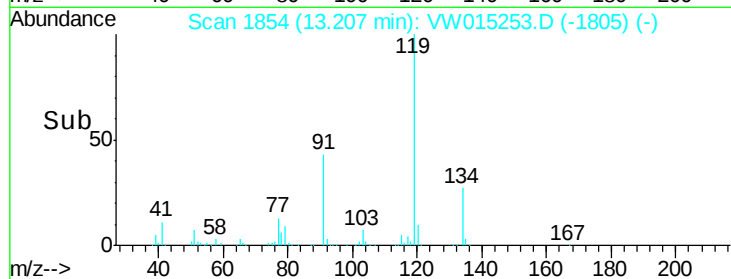
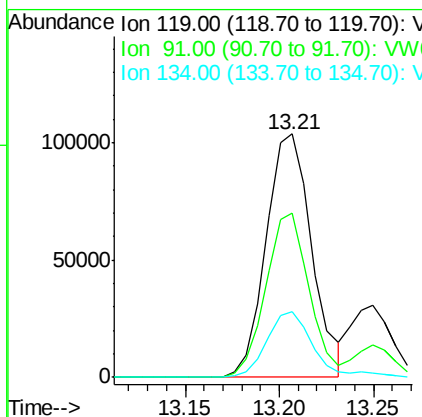
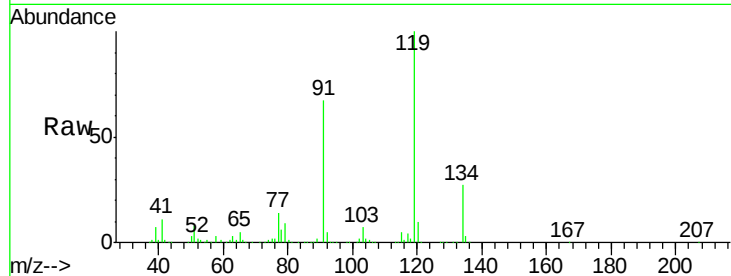
#83
tert-Butylbenzene
Concen: 18.880 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.0	32.8	98.3
134	27.8	13.3	39.9

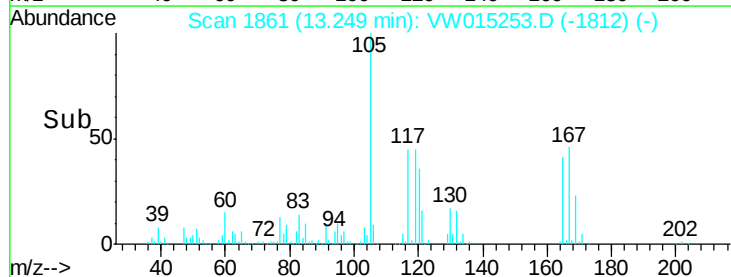
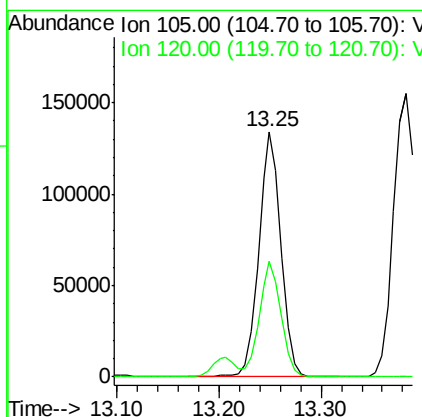
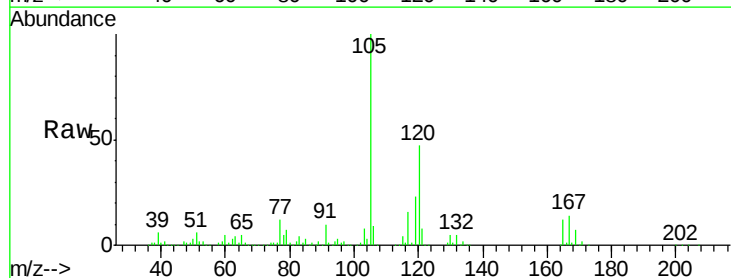
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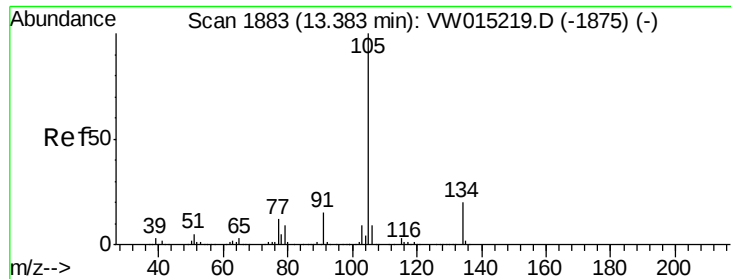
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#84
1,2,4-Trimethylbenzene
Concen: 19.389 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.0	69.0





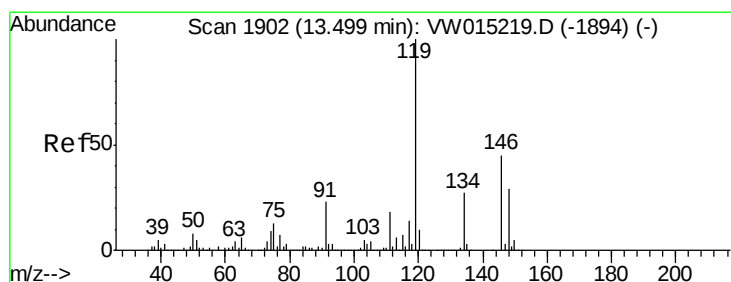
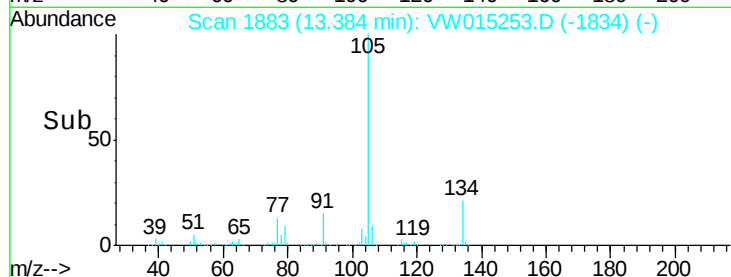
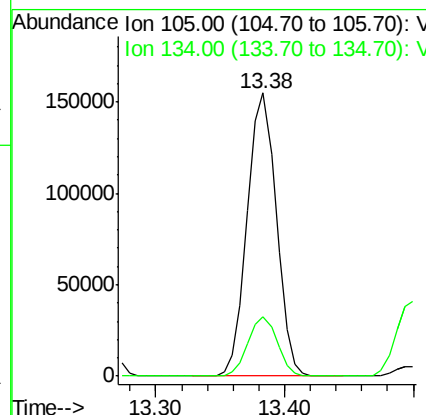
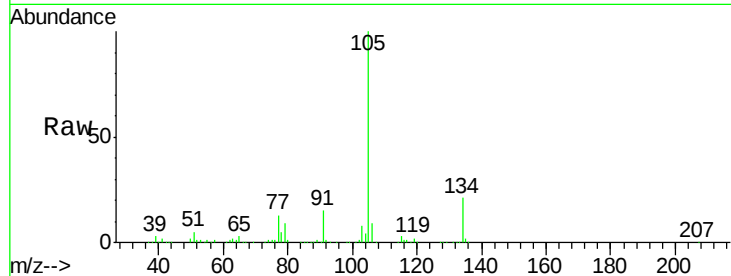
#85
 sec-Butylbenzene
 Concen: 18.976 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.1	30.1

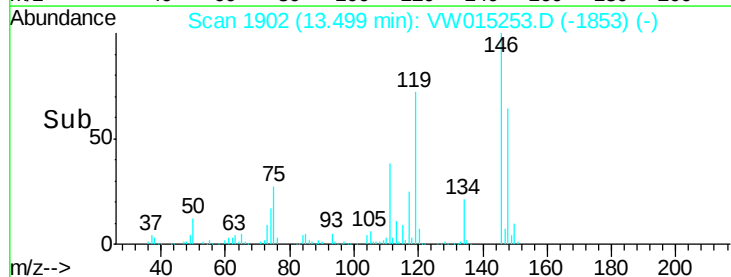
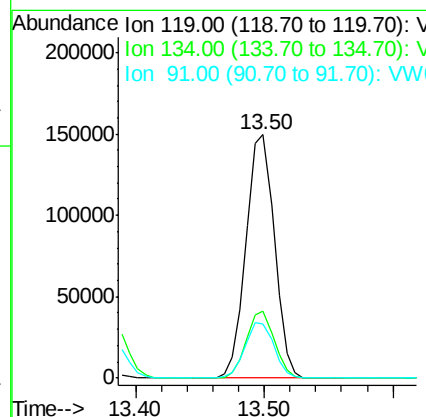
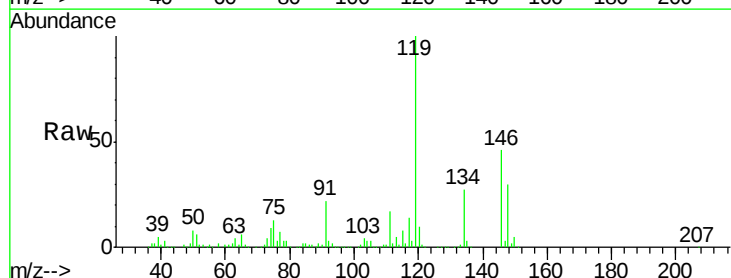
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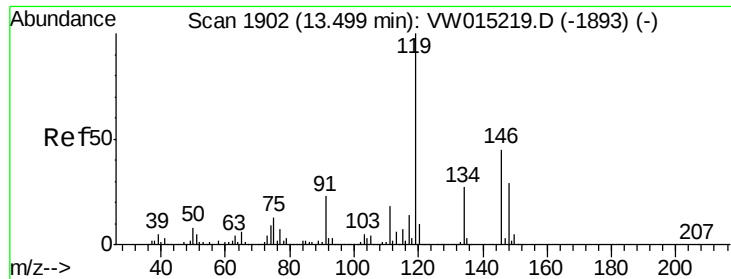
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#86
 p-Isopropyltoluene
 Concen: 19.204 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.3	39.9
91	23.1	12.0	36.1





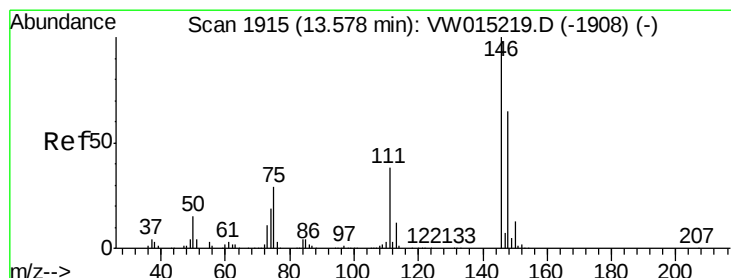
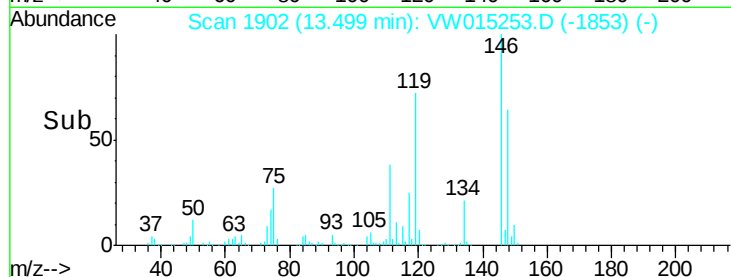
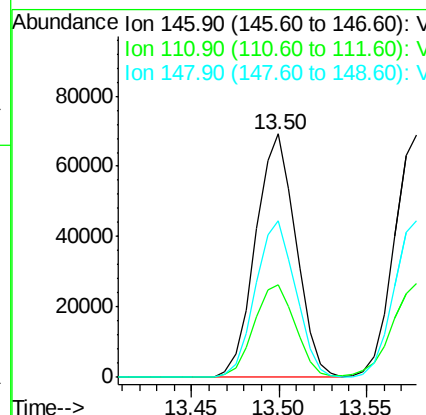
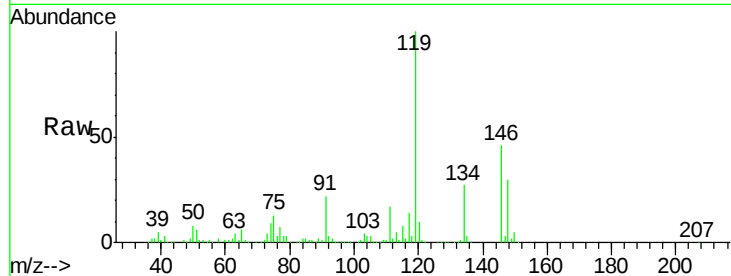
#87
 1,3-Dichlorobenzene
 Concen: 19.845 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.9	21.1	63.4	
148	64.0	31.8	95.3	

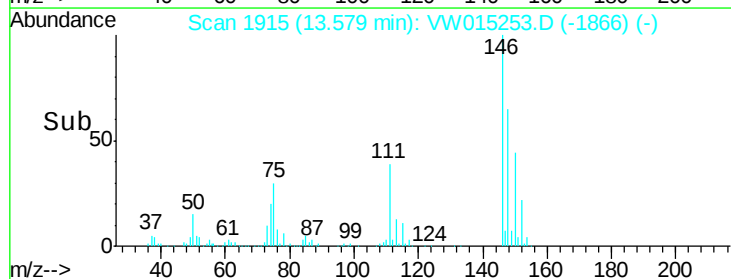
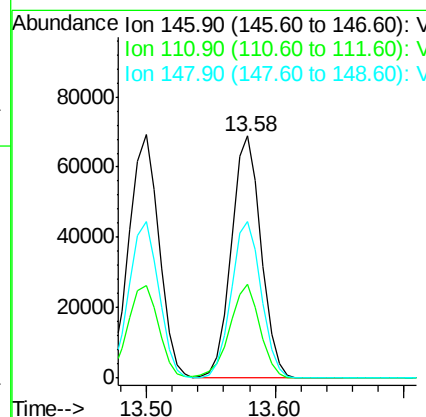
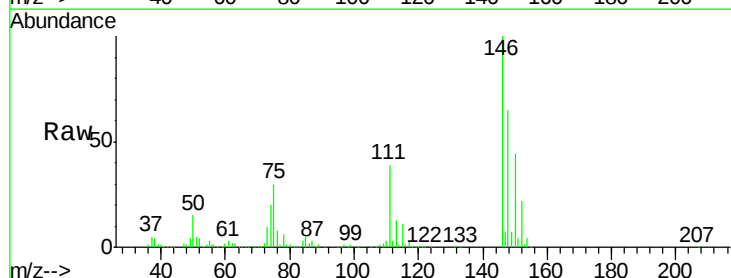
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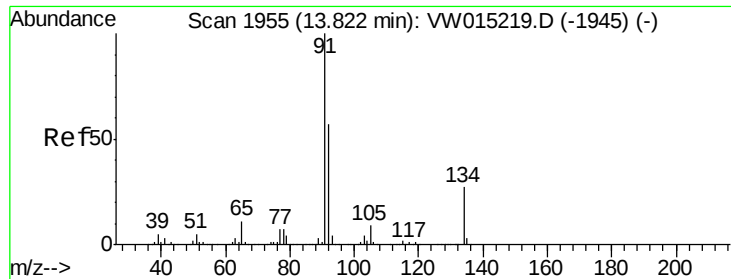
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#88
 1,4-Dichlorobenzene
 Concen: 20.263 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	39.4	20.4	61.3	
148	65.1	31.5	94.5	





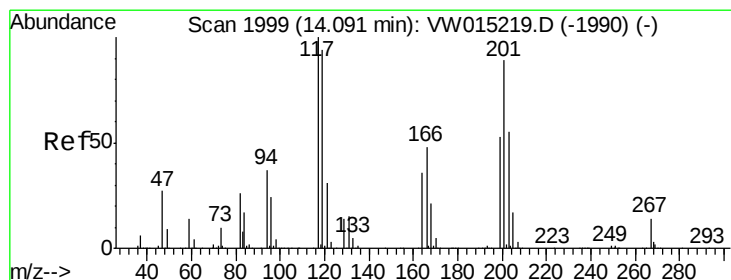
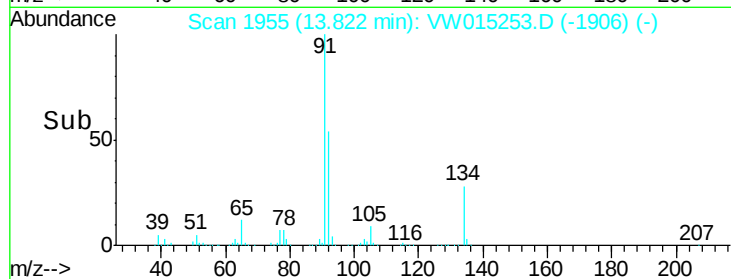
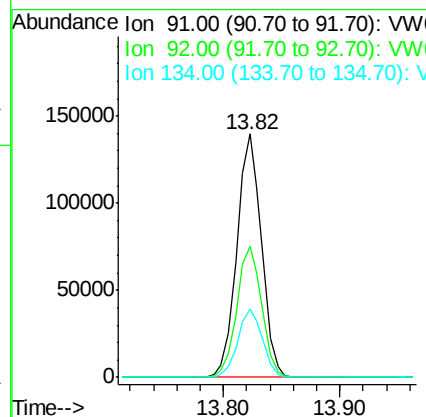
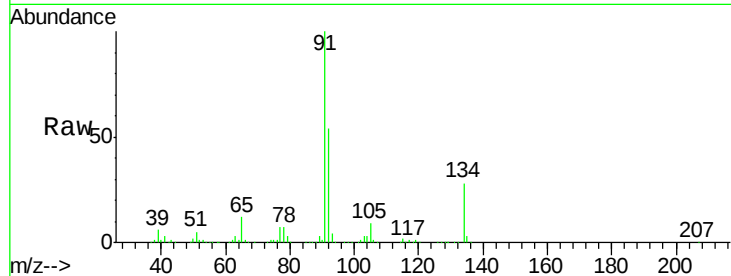
#89
n-Butylbenzene
Concen: 18.861 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		204191		
92	54.7	27.6	82.7		
134	28.3	12.8	38.3		

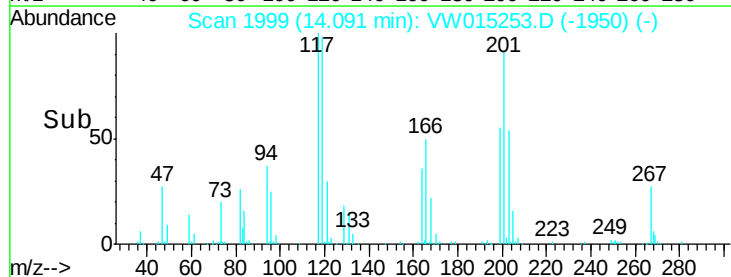
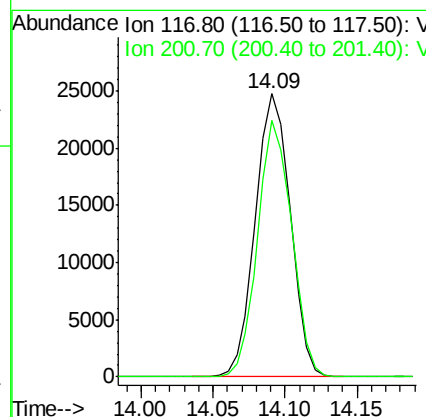
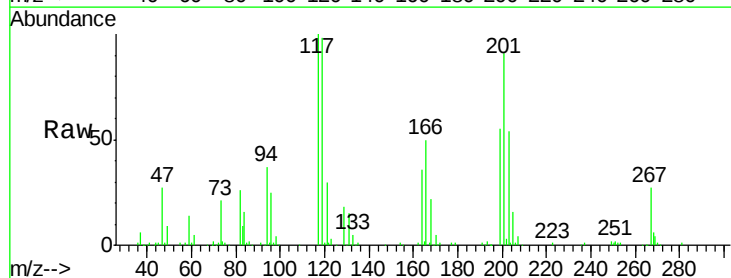
Manual Integrations
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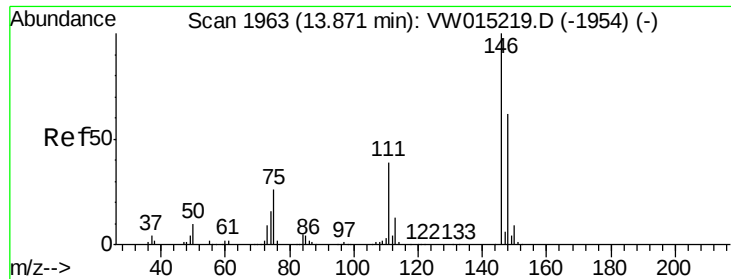
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#90
Hexachloroethane
Concen: 19.192 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		41689		
201	87.8	33.6	100.6		





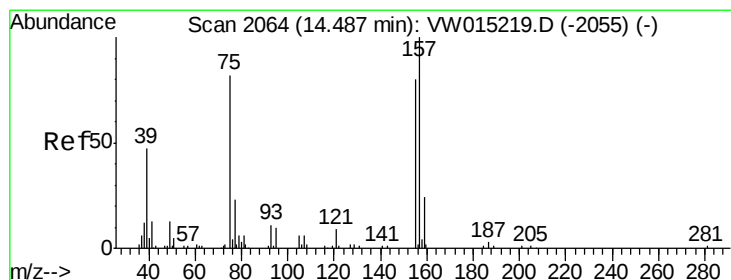
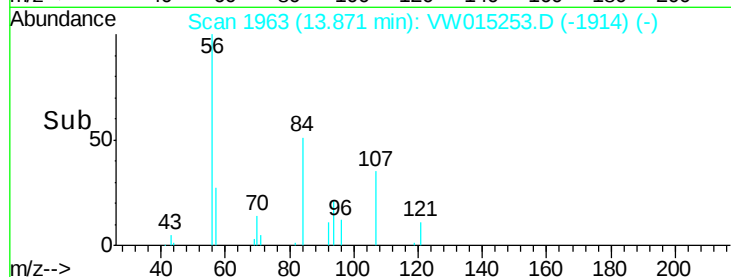
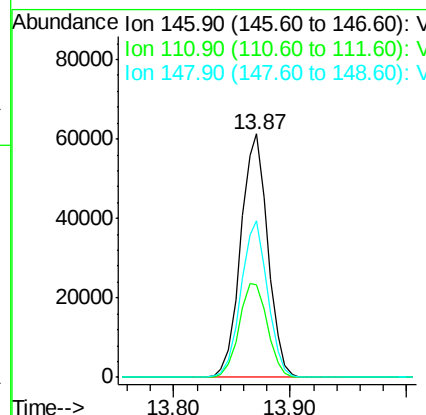
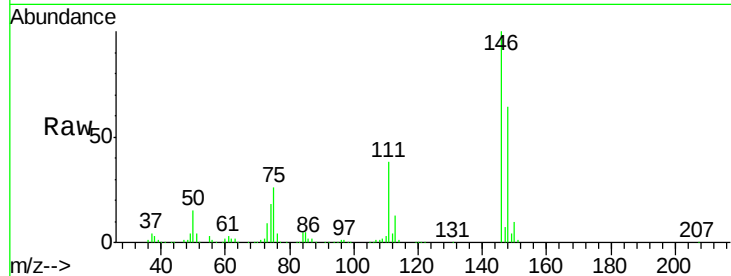
#91
 1,2-Dichlorobenzene
 Concen: 20.402 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	21.6	65.0
148	63.4	31.0	93.0

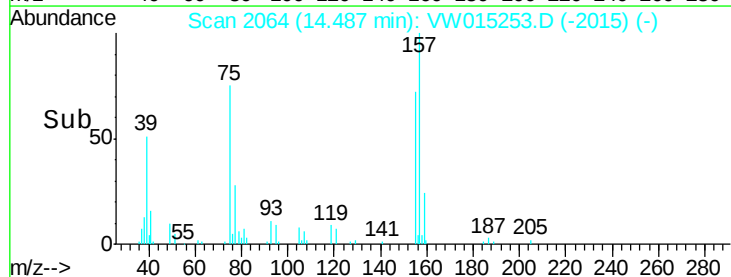
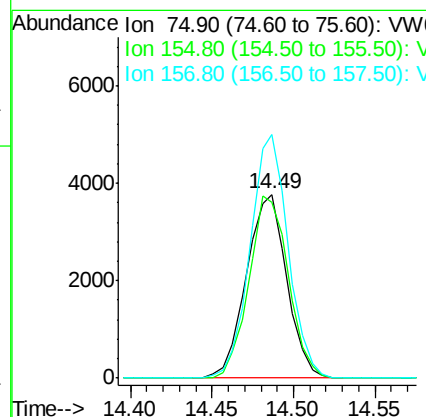
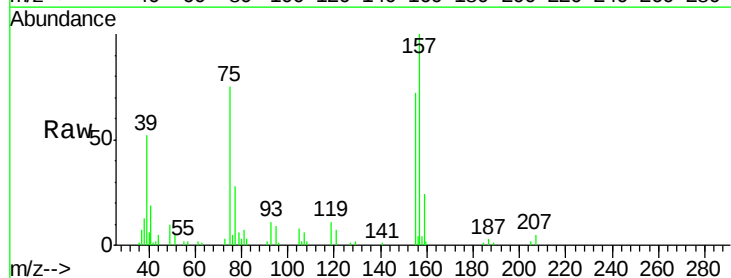
Manual Integrations
 APPROVED

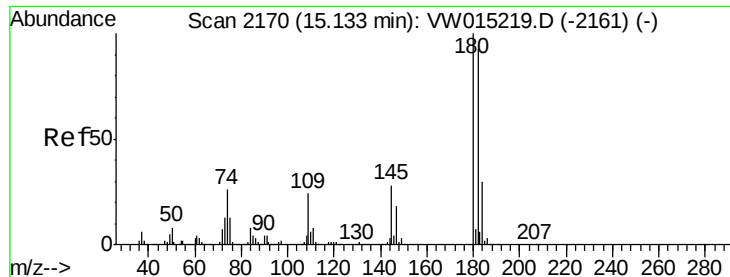
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.521 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.8	41.6	124.9
157	125.2	53.8	161.2





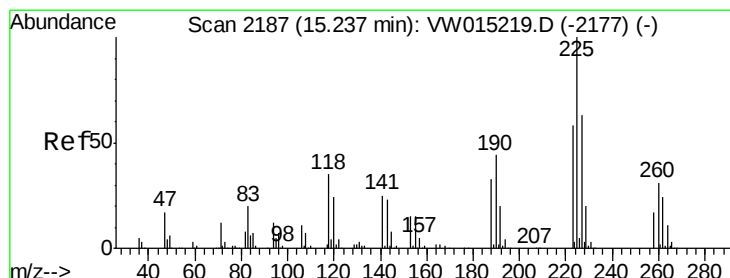
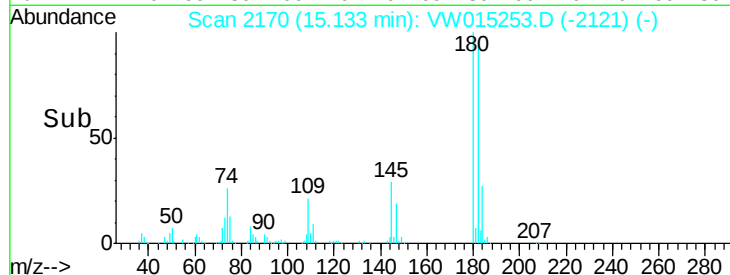
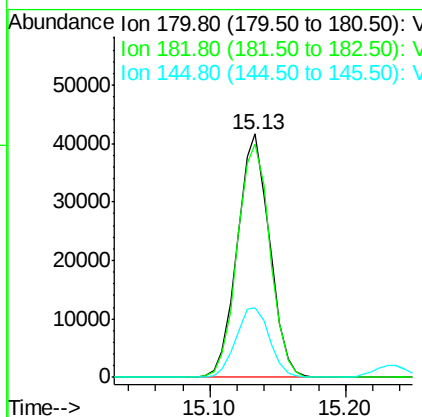
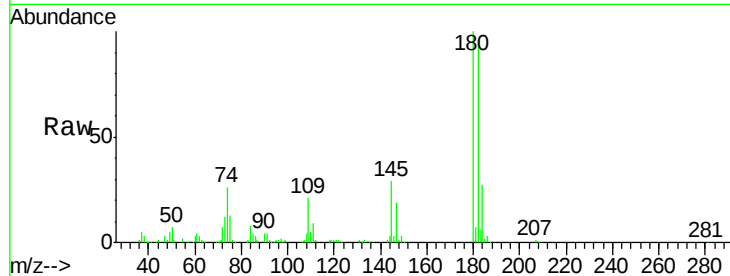
#93
 1,2,4-Trichlorobenzene
 Concen: 20.342 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	68759		
182	97.5	47.1	141.4	
145	29.8	16.2	48.6	

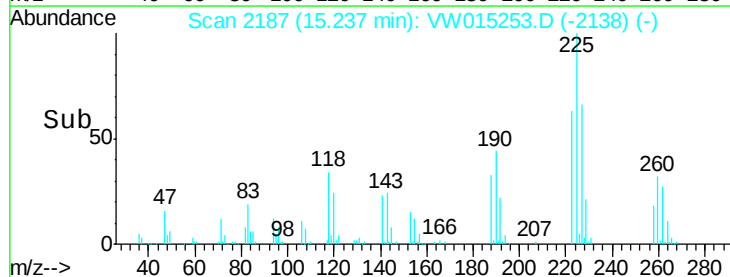
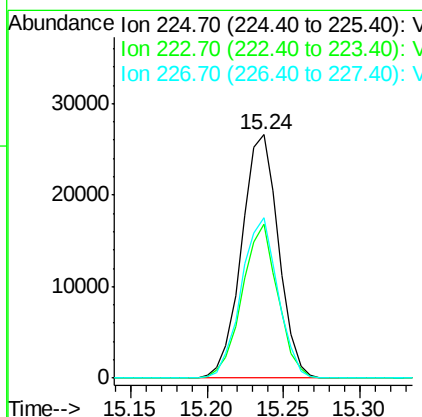
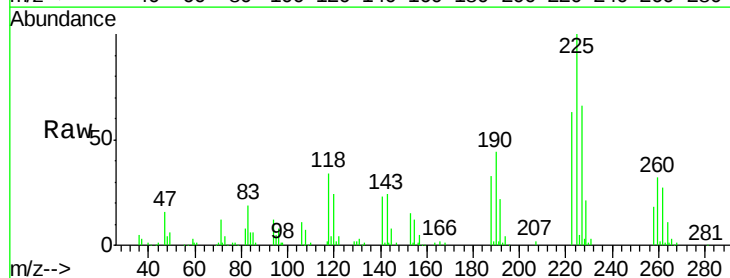
Manual Integrations
 APPROVED

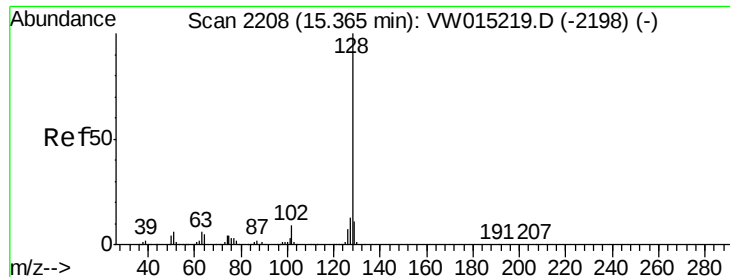
MMDadoda
 4/22/2020 11:42:26 AM



#94
 Hexachlorobutadiene
 Concen: 19.779 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. 0.00 min
 Lab File: VW015253.D
 Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44573		
223	61.2	31.0	93.0	
227	65.3	30.8	92.3	





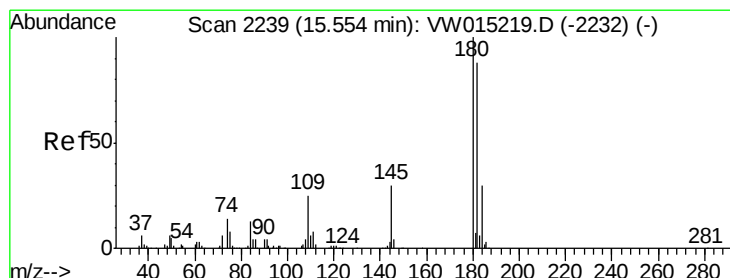
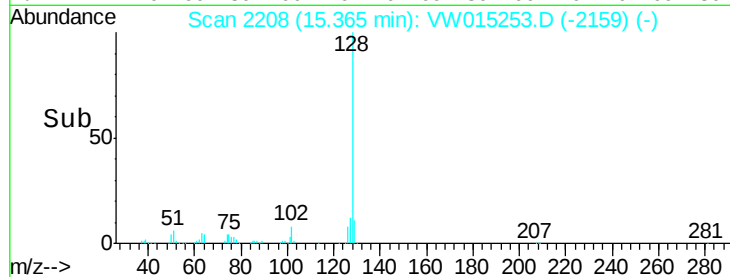
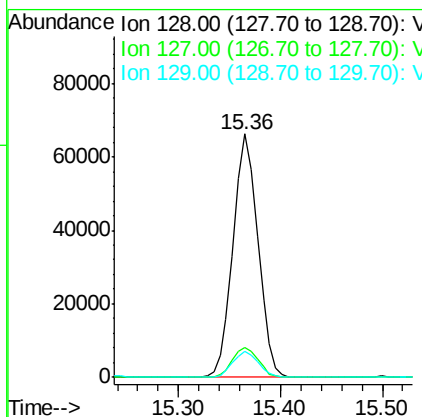
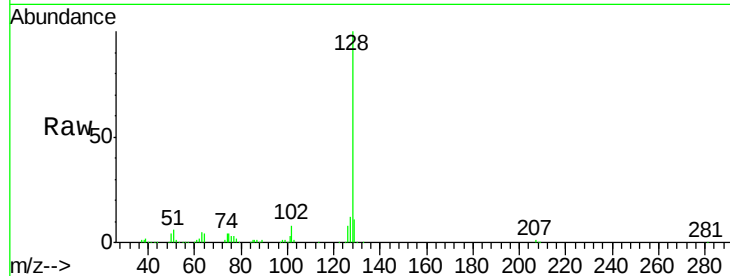
#95
Naphthalene
Concen: 20.629 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	112168		
127	12.7	10.3	15.5	
129	10.8	8.6	12.8	

Manual Integrations
APPROVED

MMDadoda
4/22/2020 11:42:26 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.438 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015253.D
Acq: 21 Apr 2020 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	56209		
182	97.5	48.8	146.3	
145	31.7	17.2	51.6	

