

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042120\
 Data File : VW015252.D
 Acq On : 21 Apr 2020 10:55
 Operator : SY/VA
 Sample : VW0421SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Manual Integrations
 APPROVED

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

Quant Time: Apr 22 06:26:52 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	219268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	313051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	155019	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	91710	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
35) Dibromofluoromethane	7.88	113	92211	53.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.36%	
50) Toluene-d8	10.32	98	369480	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.62	95	134950	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	34508	19.929	ug/l	98
3) Chloromethane	2.21	50	38573	20.456	ug/l	100
4) Vinyl Chloride	2.36	62	45248	20.321	ug/l	100
5) Bromomethane	2.76	94	35664	22.527	ug/l	99
6) Chloroethane	2.91	64	26508	19.192	ug/l	97
7) Trichlorofluoromethane	3.26	101	64333	20.418	ug/l	95
8) Diethyl Ether	3.69	74	17849	20.182	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	40412	20.798	ug/l	92
10) Methyl Iodide	4.27	142	35757	17.521	ug/l	98
11) Tert butyl alcohol	5.17	59	12592	86.150	ug/l #	85
12) 1,1-Dichloroethene	4.04	96	37461	20.030	ug/l	94
13) Acrolein	3.90	56	10159	132.795	ug/l	98
14) Allyl chloride	4.67	41	48445	19.526	ug/l #	85
15) Acrylonitrile	5.37	53	31368	93.201	ug/l	99
16) Acetone	4.13	43	26290	83.946	ug/l	98
17) Carbon Disulfide	4.38	76	110357	19.856	ug/l	99
18) Methyl Acetate	4.68	43	15193	18.327	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	85954	20.021	ug/l	96
20) Methylene Chloride	4.92	84	40185	19.578	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	44105	20.794	ug/l	94
22) Diisopropyl ether	6.31	45	94814	19.920	ug/l	92
23) Vinyl Acetate	6.26	43	275669	98.696	ug/l	97
24) 1,1-Dichloroethane	6.22	63	66827	20.259	ug/l	98
25) 2-Butanone	7.17	43	37932	91.291	ug/l	91
26) 2,2-Dichloropropane	7.17	77	69699	20.084	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	47620	20.796	ug/l	97
28) Bromochloromethane	7.51	49	24549	20.469	ug/l #	73
29) Tetrahydrofuran	7.52	42	24247	93.666	ug/l	90
30) Chloroform	7.68	83	73096	20.531	ug/l	100
31) Cyclohexane	7.95	56	66086	19.930	ug/l #	86
32) 1,1,1-Trichloroethane	7.87	97	70763	20.594	ug/l	99
36) 1,1-Dichloropropene	8.09	75	58286	20.629	ug/l	97
37) Ethyl Acetate	7.26	43	17191	18.747	ug/l #	96
38) Carbon Tetrachloride	8.07	117	64509	20.892	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	74487	19.807	ug/l	95
40) Benzene	8.32	78	155877	20.653	ug/l	99
41) Methacrylonitrile	7.48	41	9932	18.052	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	44687	20.112	ug/l	100
43) Isopropyl Acetate	8.42	43	37079	19.279	ug/l	95
44) Trichloroethene	9.09	130	48483	21.001	ug/l	92
45) 1,2-Dichloropropane	9.37	63	36142	20.591	ug/l	100
46) Dibromomethane	9.46	93	20277	19.971	ug/l #	86
47) Bromodichloromethane	9.64	83	55895	20.594	ug/l	99
48) Methyl methacrylate	9.43	41	16186	17.803	ug/l #	79
49) 1,4-Dioxane	9.46	88	4518	333.794	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	82959	91.889	ug/l	97
52) Toluene	10.38	92	105534	19.979	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	52737	19.705	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	63727	20.486	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	28617	20.129	ug/l	97
56) Ethyl methacrylate	10.65	69	34233	18.691	ug/l	93
57) 1,3-Dichloropropane	10.93	76	48271	20.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	84816	99.887	ug/l #	89
59) 2-Hexanone	10.97	43	58346	90.534	ug/l	98
60) Dibromochloromethane	11.13	129	38568	20.546	ug/l	99
61) 1,2-Dibromoethane	11.23	107	27768	20.016	ug/l	99
64) Tetrachloroethene	10.86	164	43489	21.181	ug/l	88
65) Chlorobenzene	11.65	112	114984	20.369	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	42551	20.972	ug/l	97
67) Ethyl Benzene	11.73	91	210013	19.949	ug/l	99
68) m/p-Xylenes	11.83	106	166955	40.459	ug/l	99
69) o-Xylene	12.16	106	77279	20.064	ug/l	100
70) Styrene	12.18	104	129644	19.746	ug/l	100
71) Bromoform	12.35	173	21978	19.224	ug/l #	100
73) Isopropylbenzene	12.46	105	213574	19.871	ug/l	99
74) N-amyl acetate	12.27	43	34622	18.516	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.71	83	29059	19.042	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	22713m	18.940	ug/l	
77) Bromobenzene	12.74	156	50225	20.339	ug/l	83
78) n-propylbenzene	12.80	91	249753	19.957	ug/l	96
79) 2-Chlorotoluene	12.89	91	142250	20.170	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	185895	20.078	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	10305	18.784	ug/l	94
82) 4-Chlorotoluene	12.99	91	148319	19.808	ug/l	96
83) tert-Butylbenzene	13.20	119	164808	20.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	185561	20.320	ug/l	100
85) sec-Butylbenzene	13.38	105	223431	19.992	ug/l	97
86) p-Isopropyltoluene	13.49	119	209525	20.177	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	100616	20.507	ug/l	97
88) 1,4-Dichlorobenzene	13.58	146	98336	20.446	ug/l	98
89) n-Butylbenzene	13.82	91	187679	19.773	ug/l	98
90) Hexachloroethane	14.09	117	39050	20.505	ug/l	77
91) 1,2-Dichlorobenzene	13.87	146	86829	20.365	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.48	75	4759	17.233	ug/l	82

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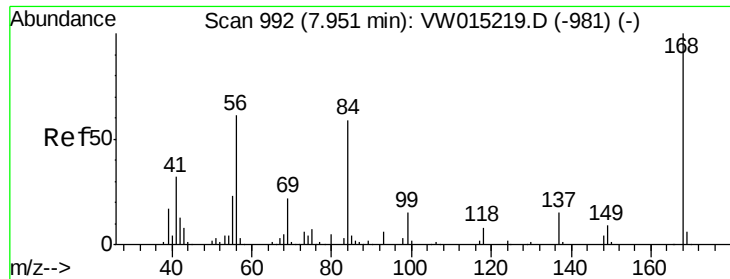
Manual Integrations
APPROVED

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W042020S.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60584	20.443	ug/l	98
94) Hexachlorobutadiene	15.23	225	39617	20.051	ug/l	97
95) Naphthalene	15.36	128	90116	18.903	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	47942	19.883	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion:168 Resp: 219268

Ion Ratio Lower Upper

168 100

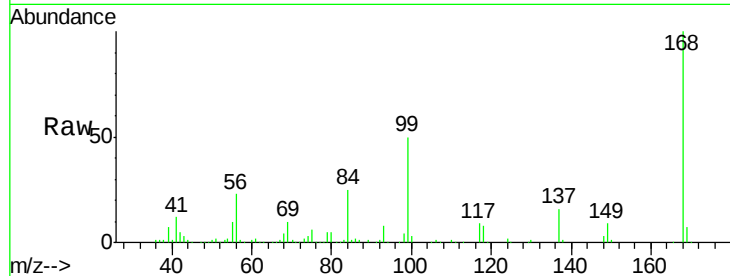
99 50.1 48.5 72.7

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

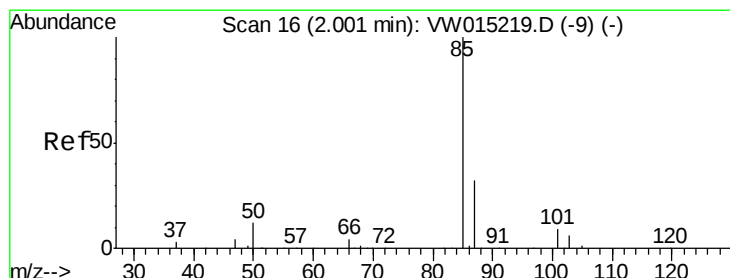
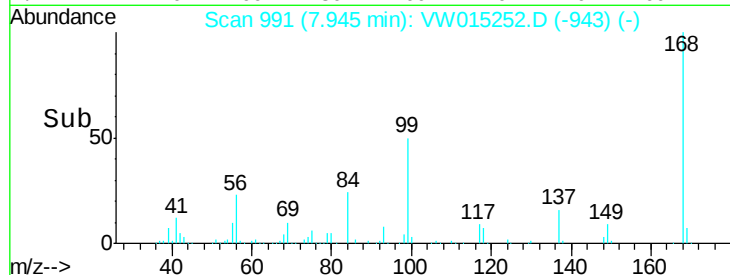
20000

0

7.90

8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 19.929 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW015252.D

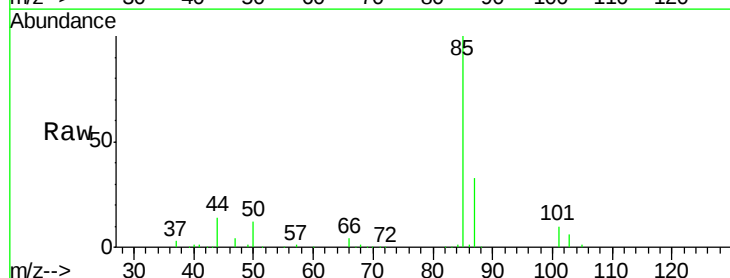
Acq: 21 Apr 2020 10:55

Tgt Ion: 85 Resp: 34508

Ion Ratio Lower Upper

85 100

87 33.5 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

10000

5000

0

1.90

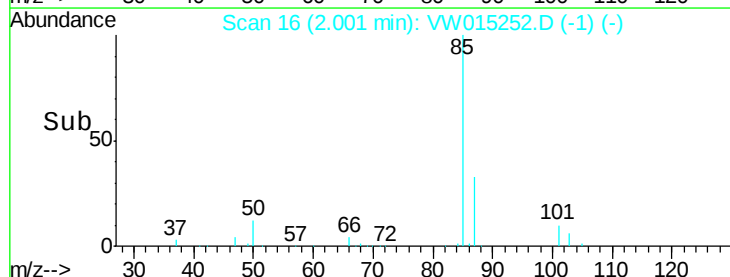
1.95

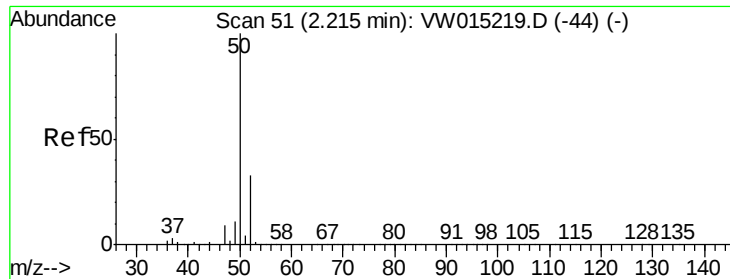
2.00

2.05

2.10

Time-->





#3

Chloromethane

Concen: 20.456 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 50 Resp: 38573

Ion Ratio Lower Upper

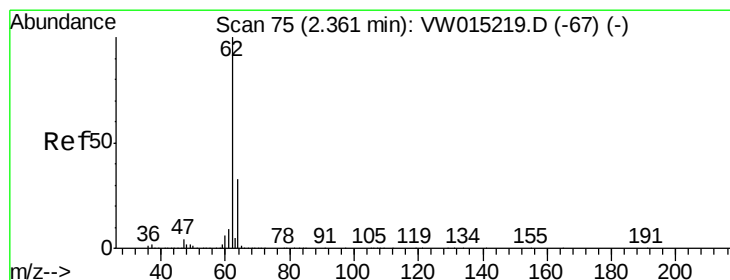
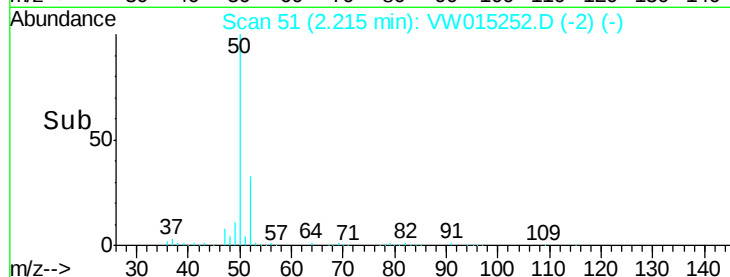
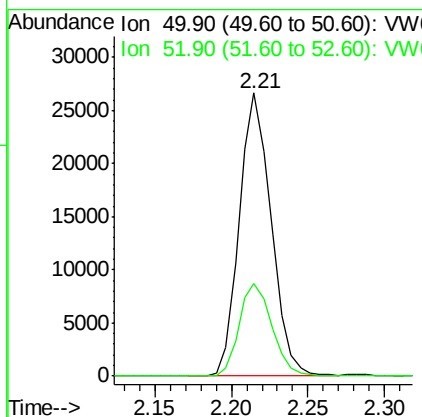
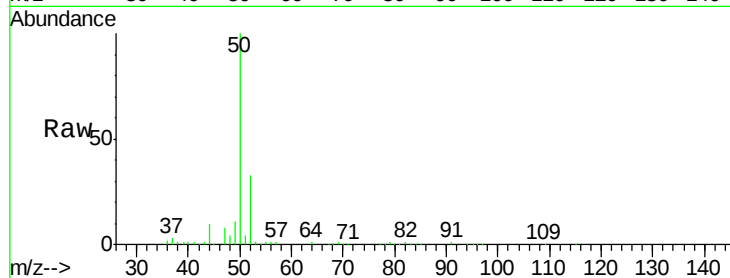
50 100

52 32.9 26.5 39.7

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#4

Vinyl Chloride

Concen: 20.321 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW015252.D

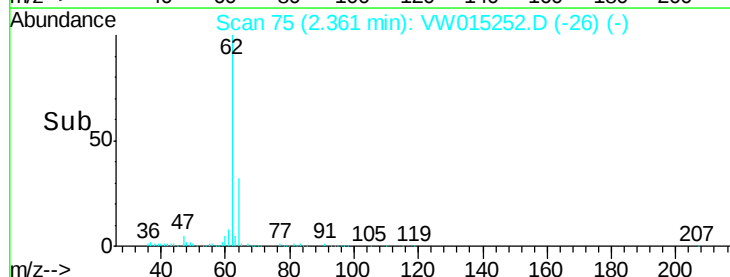
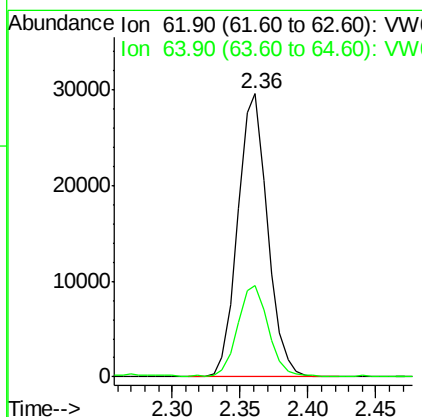
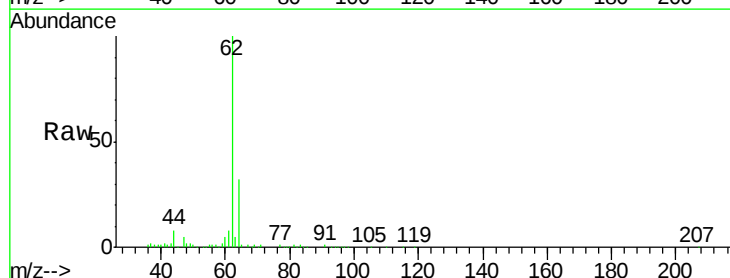
Acq: 21 Apr 2020 10:55

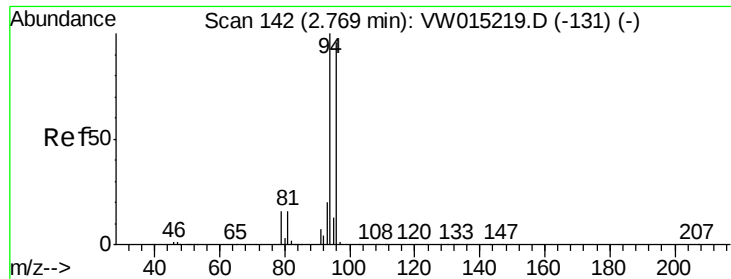
Tgt Ion: 62 Resp: 45248

Ion Ratio Lower Upper

62 100

64 31.9 25.4 38.2





#5

Bromomethane

Concen: 22.527 ug/l

RT: 2.76 min Scan# 140

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 94 Resp: 35664

Ion Ratio Lower Upper

94 100

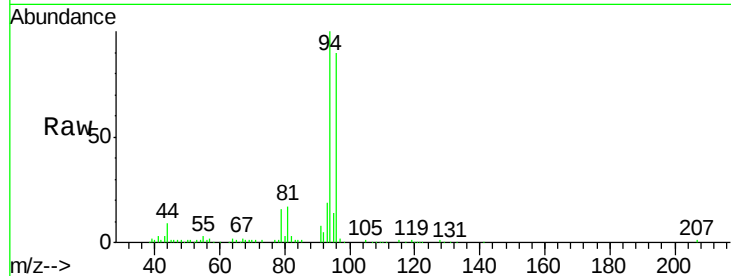
96 89.0 70.4 105.6

Manual Integrations

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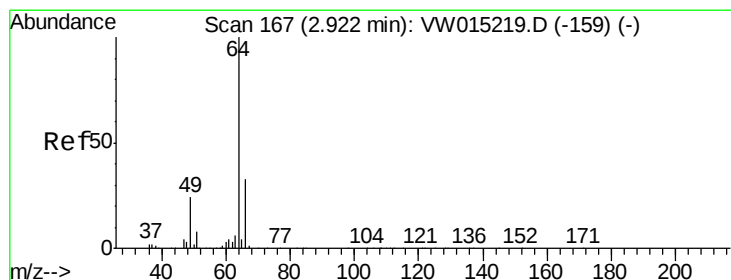
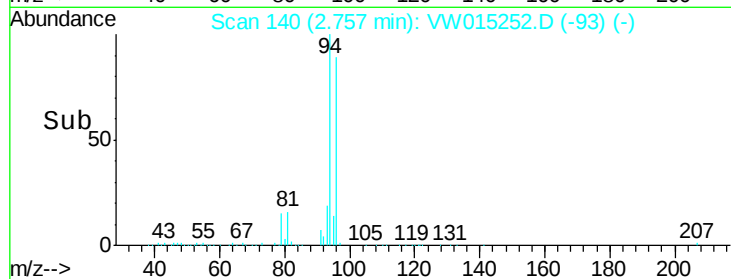
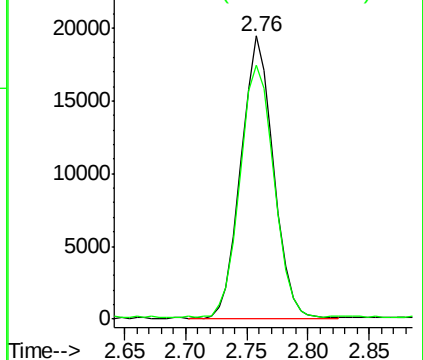
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 19.192 ug/l

RT: 2.91 min Scan# 165

Delta R.T. -0.01 min

Lab File: VW015252.D

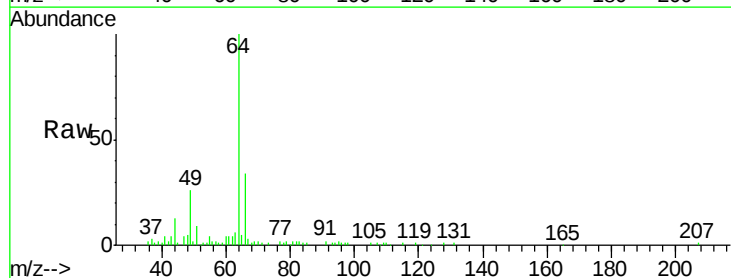
Acq: 21 Apr 2020 10:55

Tgt Ion: 64 Resp: 26508

Ion Ratio Lower Upper

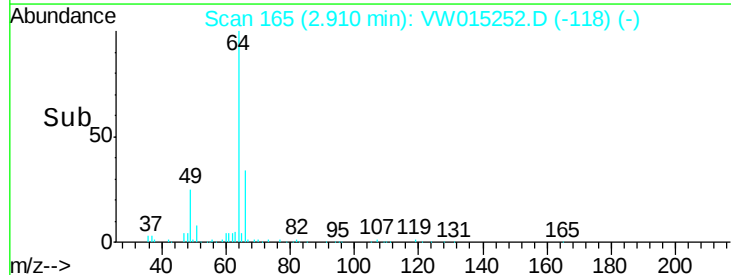
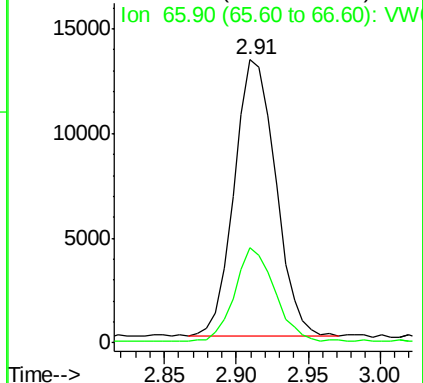
64 100

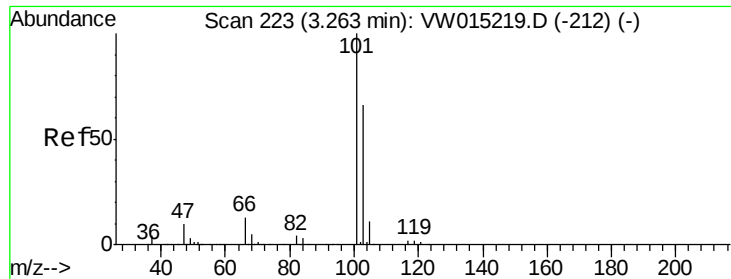
66 33.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

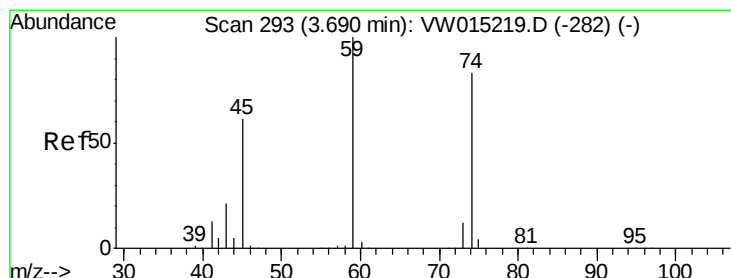
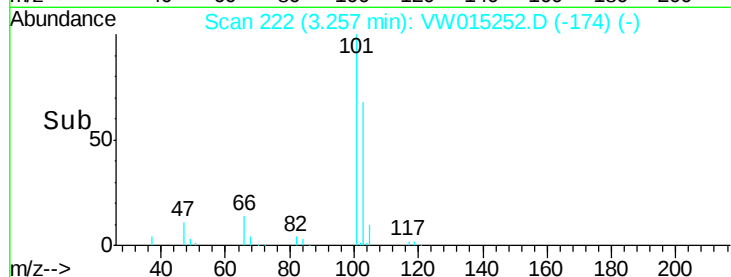
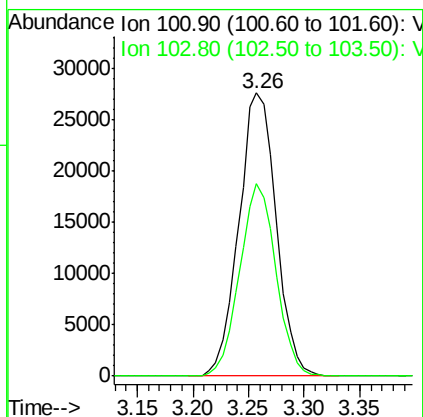
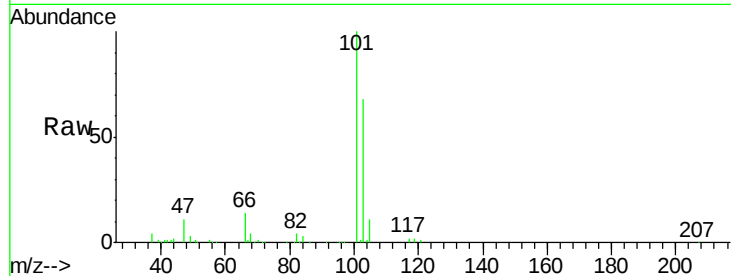
Trichlorofluoromethane
 Concen: 20.418 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW015252.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	51.3	76.9

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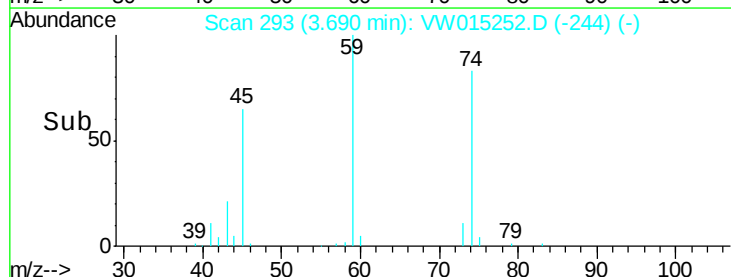
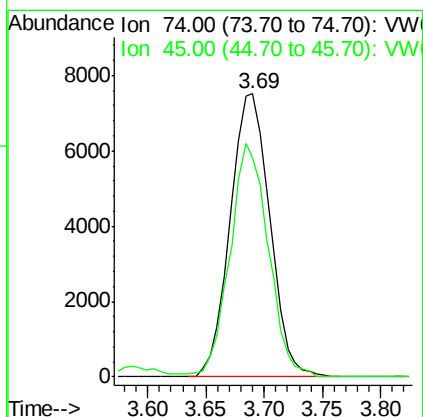
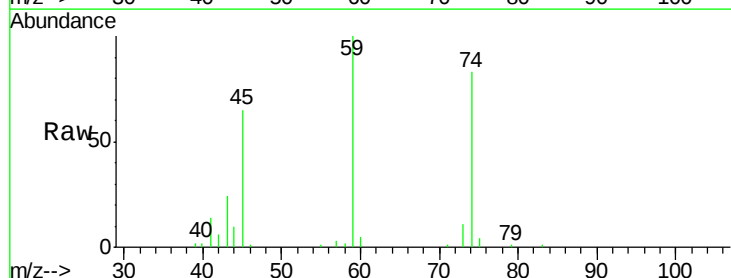
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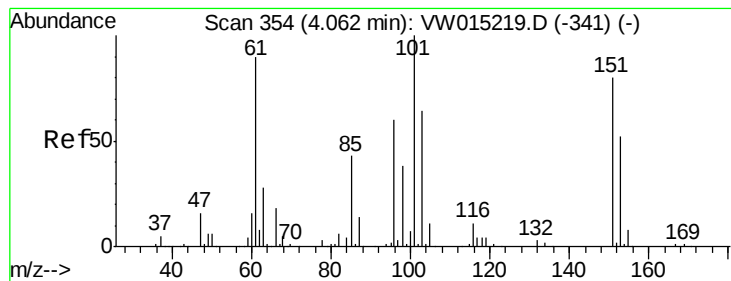


#8

Diethyl Ether
 Concen: 20.182 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	79.7	45.5	136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.798 ug/l

RT: 4.06 min Scan# 354

Delta R.T. 0.00 min

Lab File: VW015252.D

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Instrument :

MSVOA_W

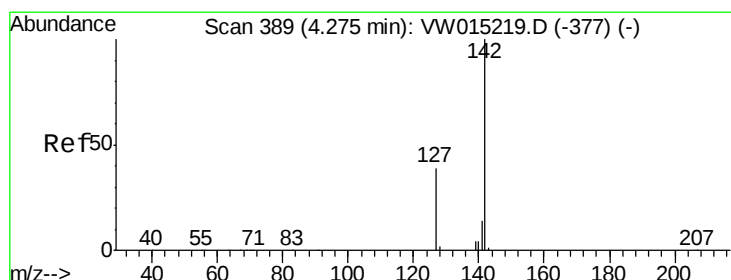
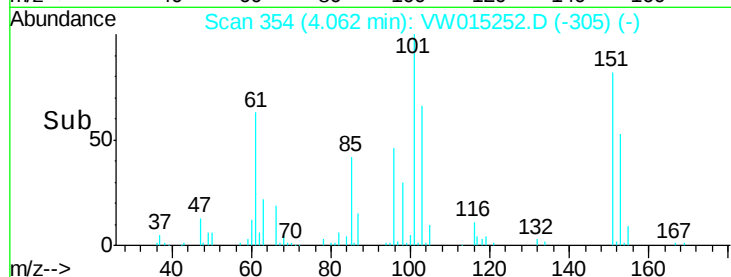
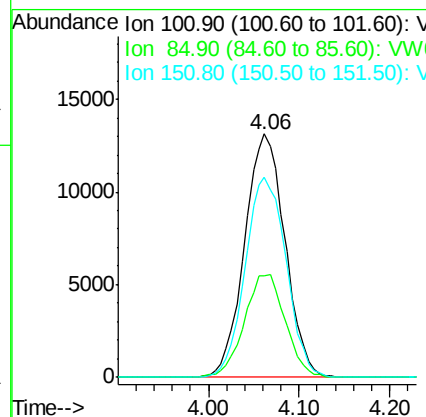
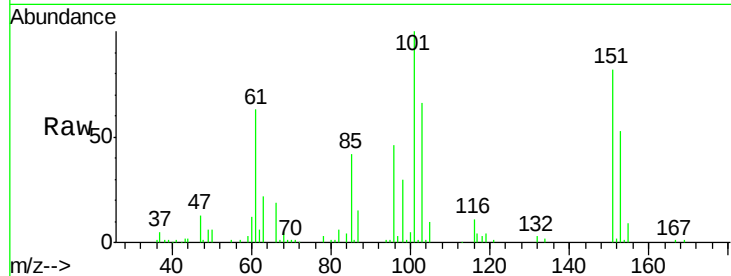
ClientSampleId :

VW0421SBS01

Tot Ion:	101	Resp:	40412
Ion Ratio	Lower	Upper	
101	100		
85	42.9	35.3	52.9
151	83.6	59.3	88.9

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#10

Methyl Iodide

Concen: 17.521 ug/l

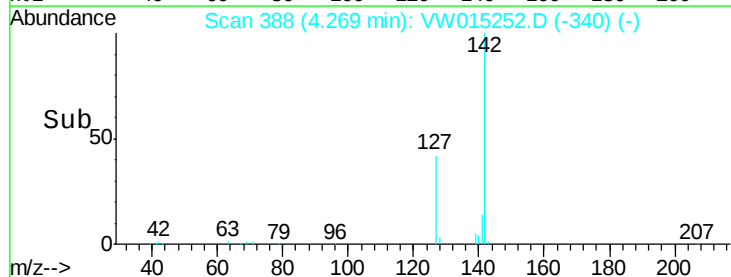
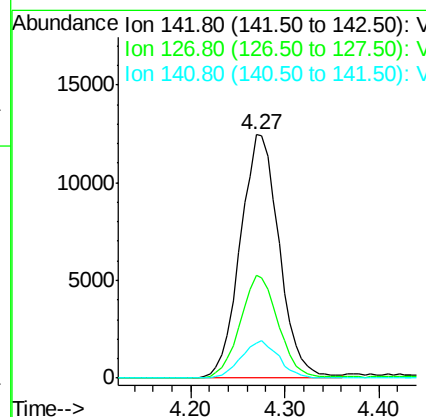
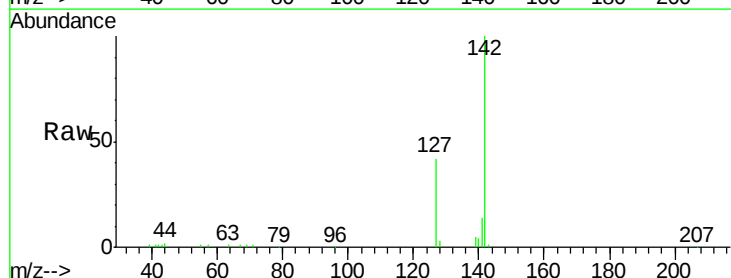
RT: 4.27 min Scan# 388

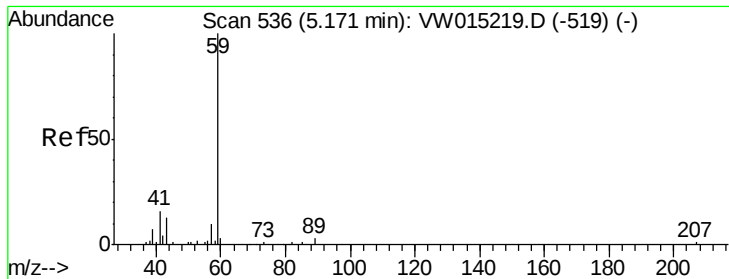
Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion:	142	Resp:	35757
Ion Ratio	Lower	Upper	
142	100		
127	41.2	33.9	50.9
141	14.6	11.4	17.2





#11

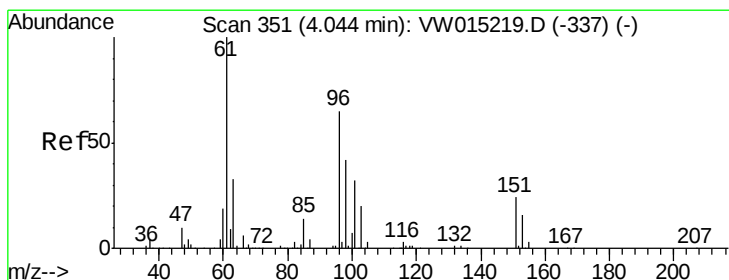
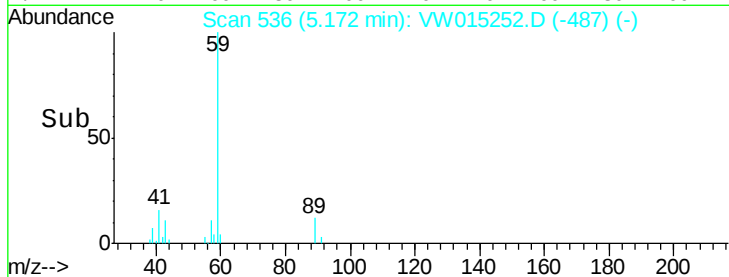
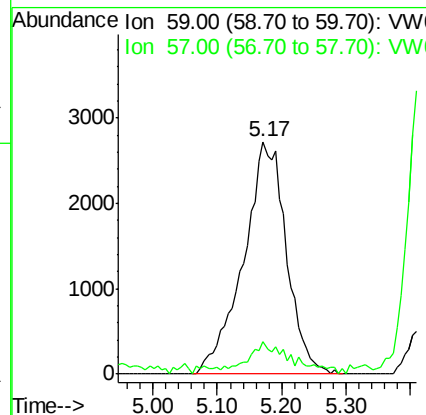
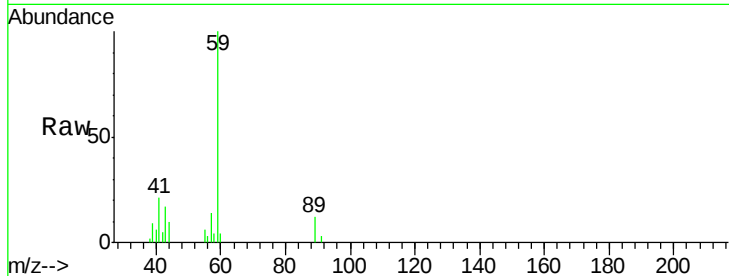
Tert butyl alcohol
Concen: 86.150 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.9	8.4	12.6#

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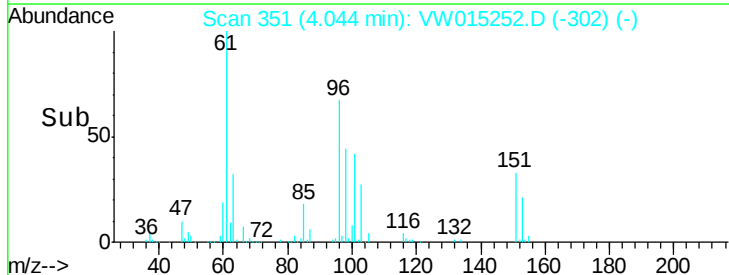
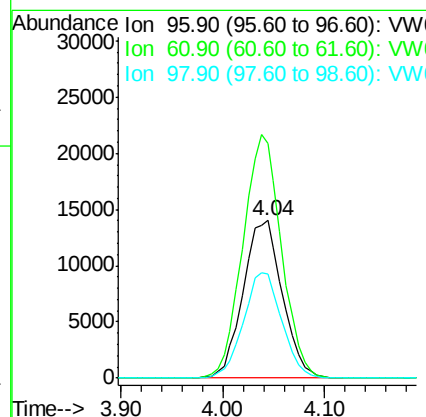
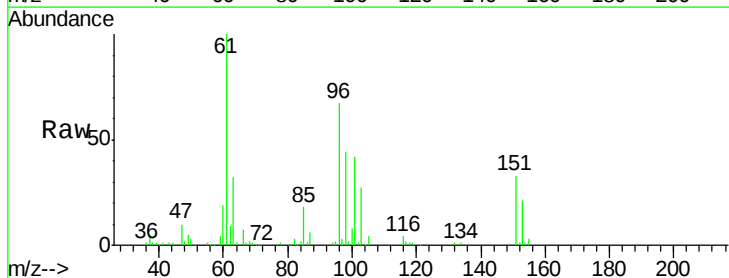
MMDadoda
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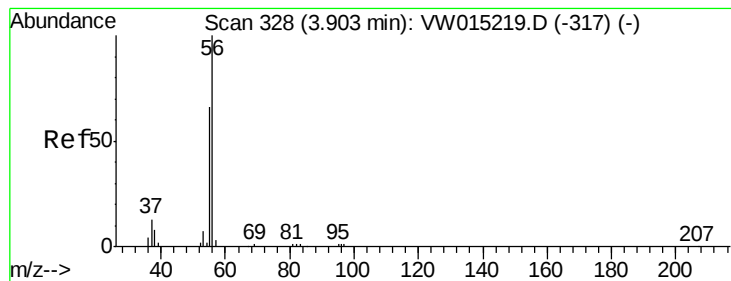


#12

1,1-Dichloroethene
Concen: 20.030 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	127.0	190.4
98	66.2	51.0	76.4





#13

Acrolein

Concen: 132.795 ug/l

RT: 3.90 min Scan# 327

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 56 Resp: 10159

Ion Ratio Lower Upper

56 100

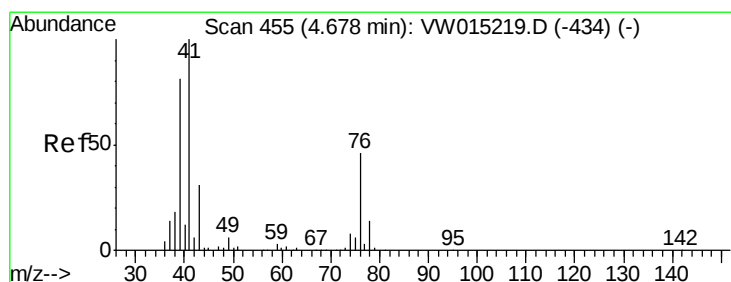
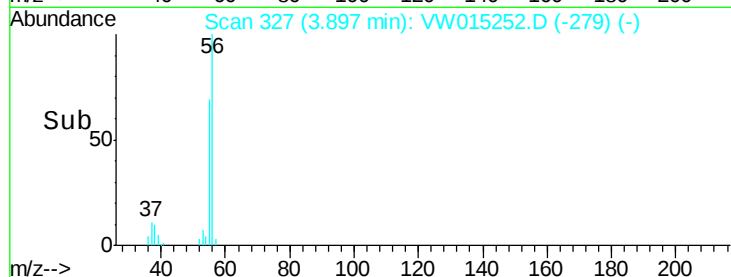
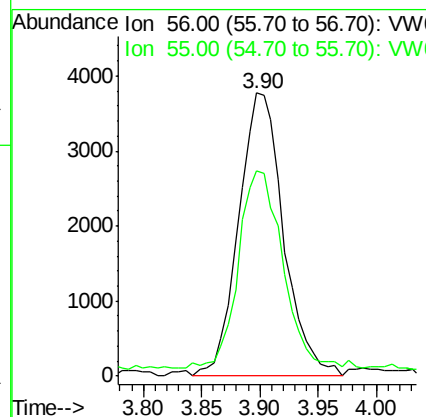
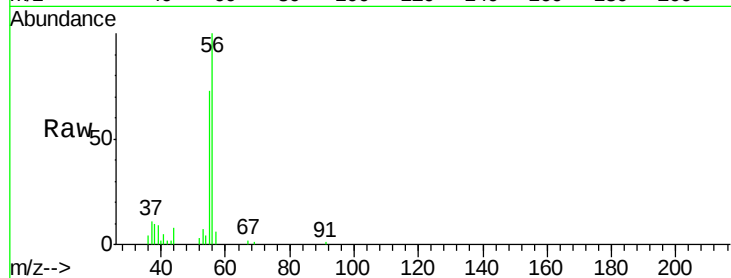
55 68.3 56.2 84.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.526 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

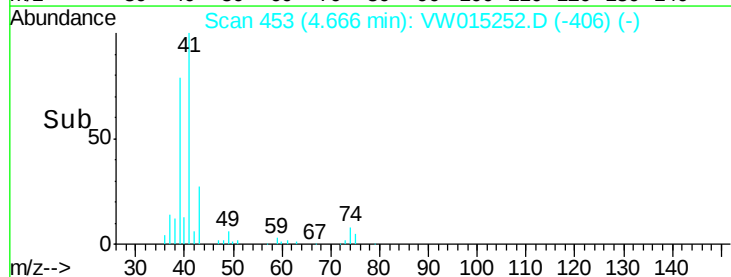
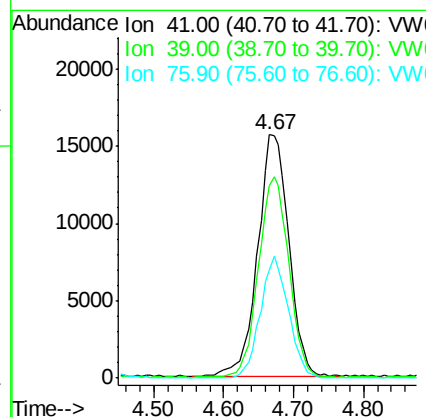
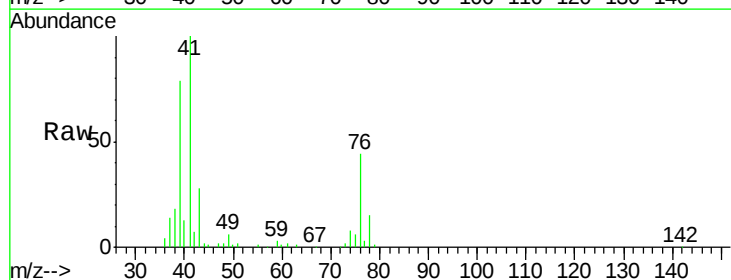
Tgt Ion: 41 Resp: 48445

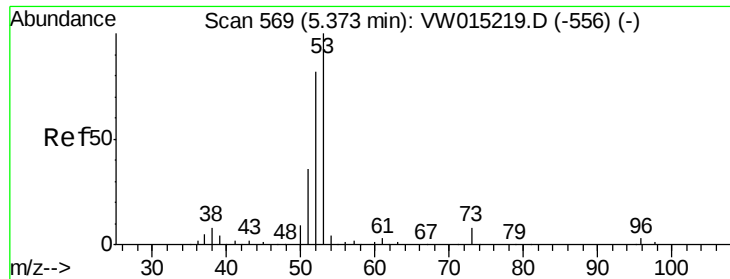
Ion Ratio Lower Upper

41 100

39 82.5 54.0 81.0#

76 45.6 31.8 47.6





#15

Acrylonitrile

Concen: 93.201 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

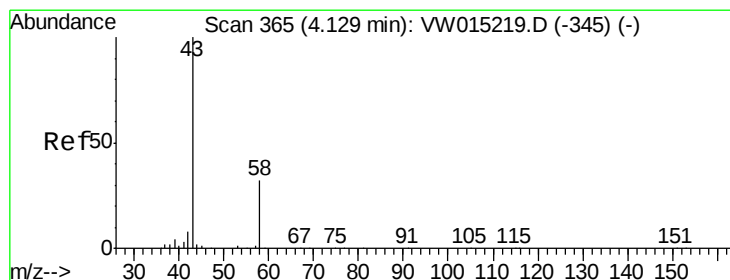
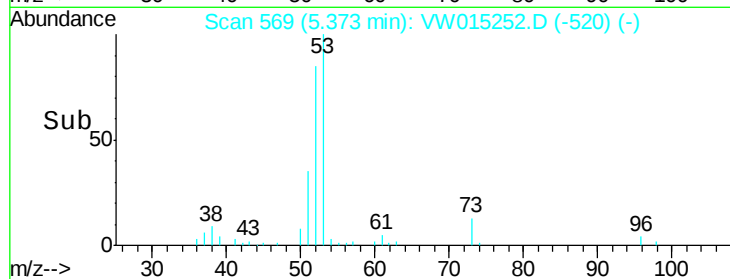
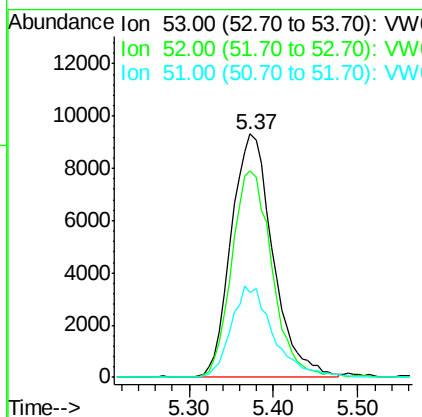
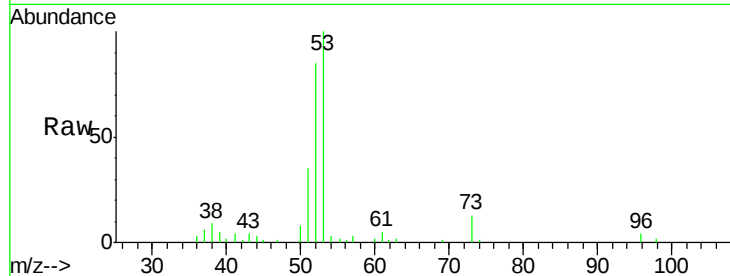
ClientSampleId :

VW0421SBS01

Tot Ion:	53	Resp:	31368
Ion	Ratio	Lower	Upper
53	100		
52	81.5	65.2	97.8
51	37.8	28.2	42.4

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#16

Acetone

Concen: 83.946 ug/l

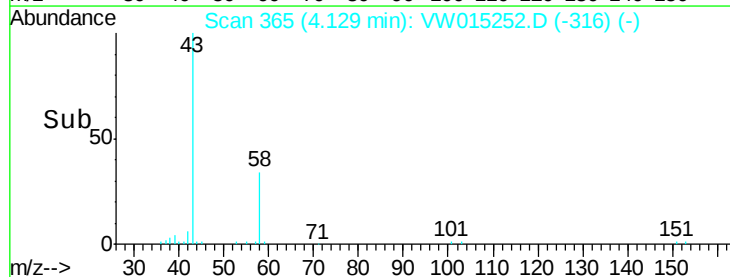
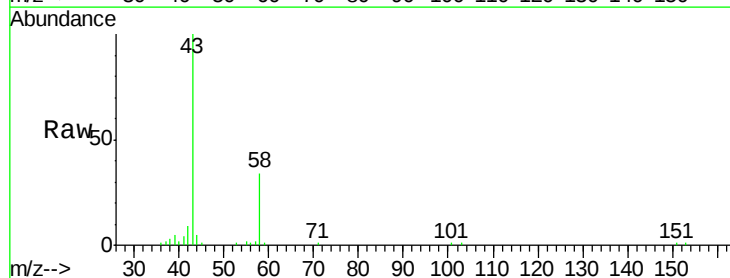
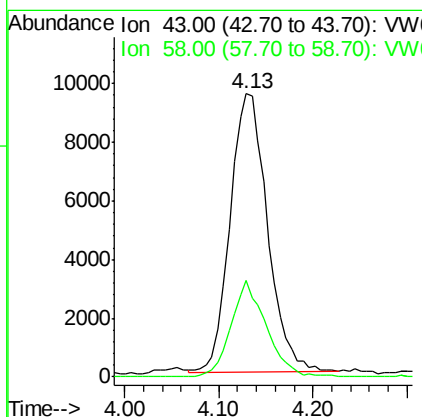
RT: 4.13 min Scan# 365

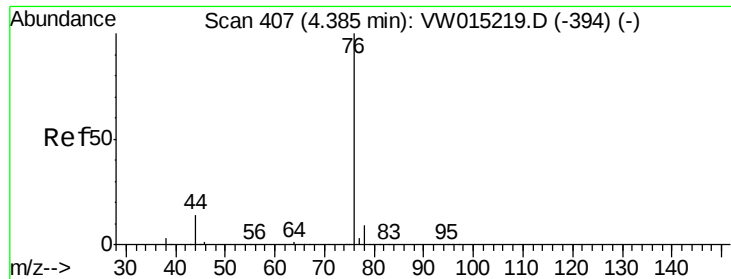
Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion:	43	Resp:	26290
Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.0	40.4





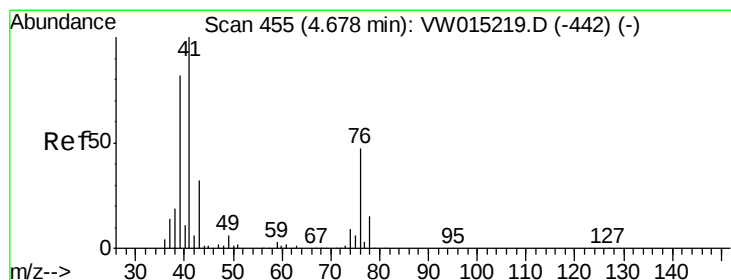
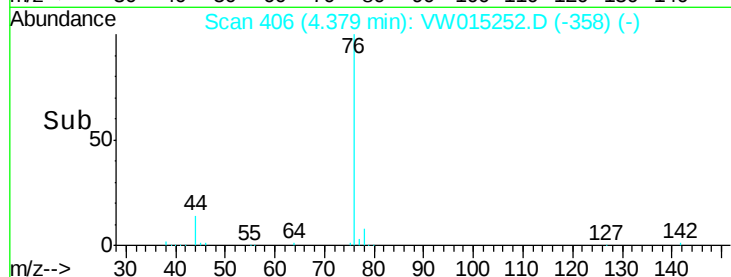
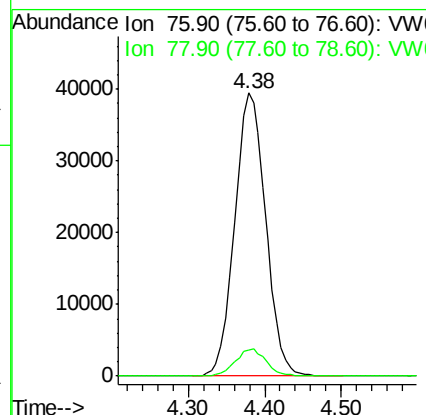
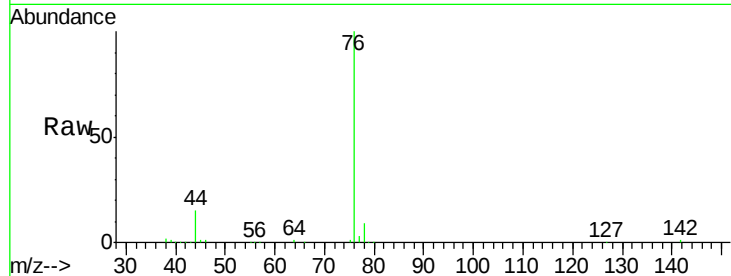
#17
Carbon Disulfide
Concen: 19.856 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	76	Resp	110357
Ion Ratio	Lower	Upper	
76	100		
78	9.1	7.0	10.6

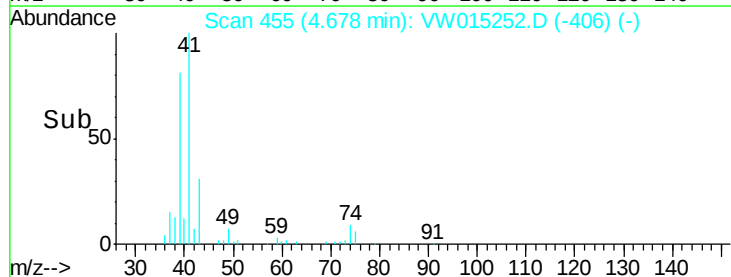
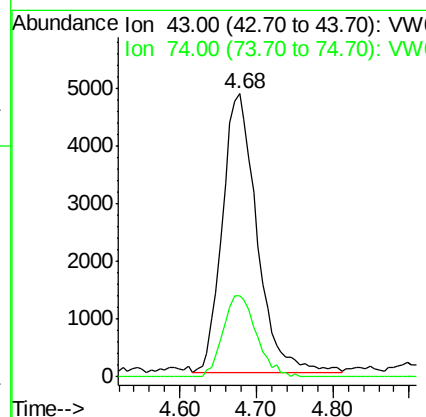
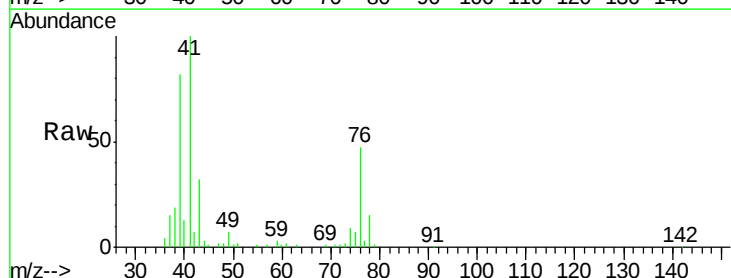
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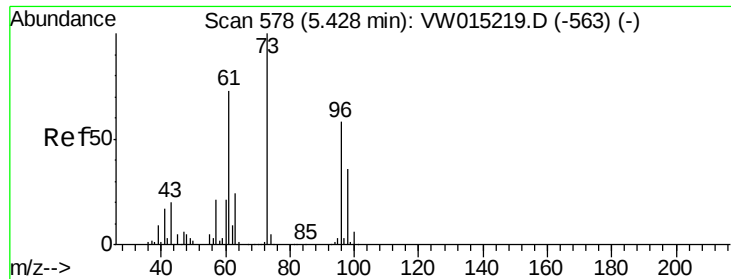
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#18
Methyl Acetate
Concen: 18.327 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	43	Resp	15193
Ion Ratio	Lower	Upper	
43	100		
74	28.1	20.6	31.0





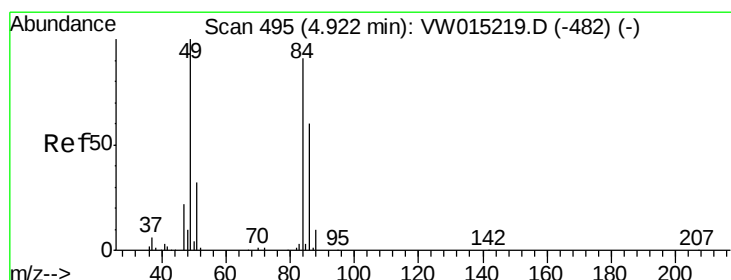
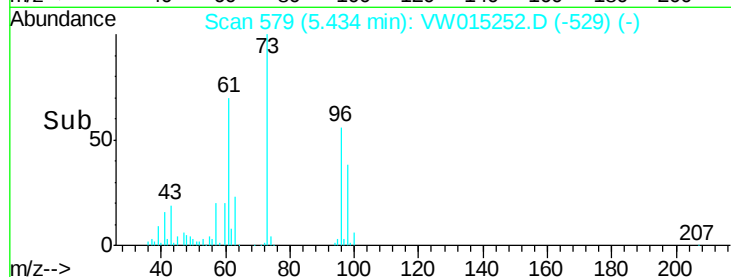
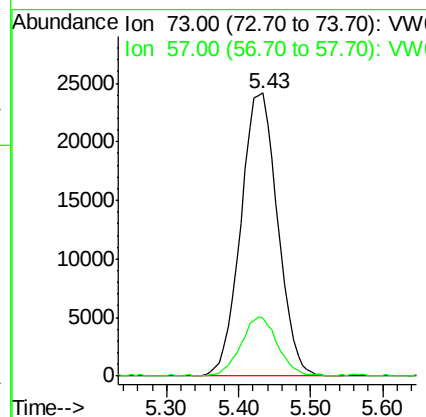
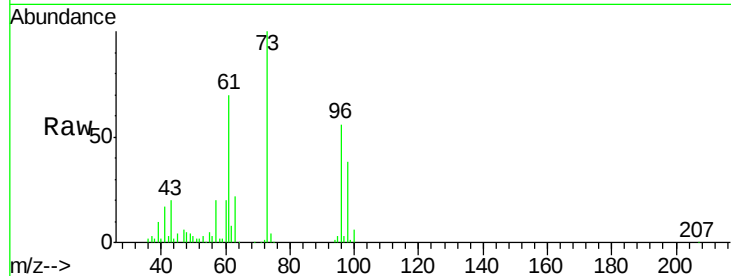
#19
Methvl tert-butvl Ether
Concen: 20.021 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion: 73 Resp: 85954
Ion Ratio Lower Upper
73 100
57 20.2 17.8 26.6

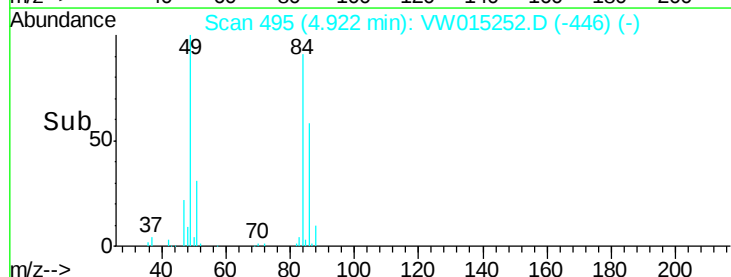
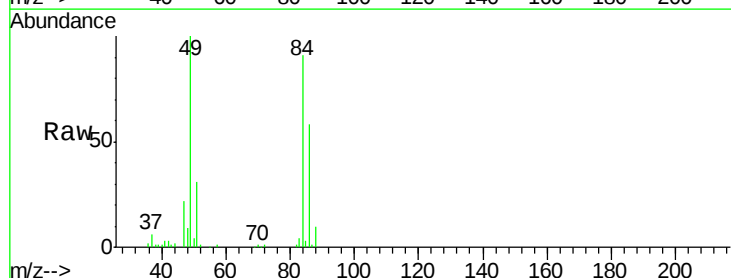
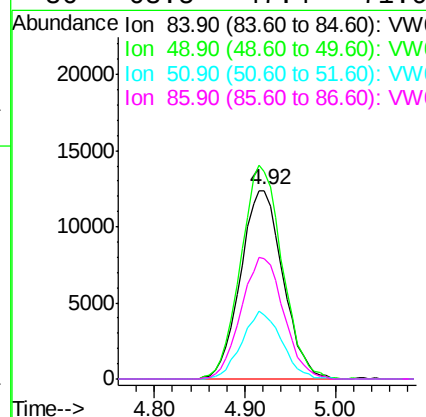
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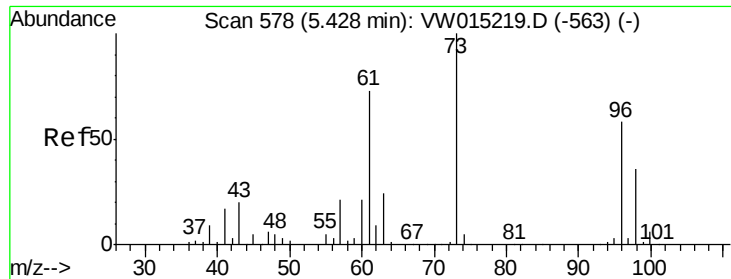
MMDadoda
4/22/2020 11:42:22 AM



#20
Methylene Chloride
Concen: 19.578 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 84 Resp: 40185
Ion Ratio Lower Upper
84 100
49 110.0 95.4 143.0
51 34.0 29.8 44.8
86 63.5 47.4 71.0





#21

trans-1,2-Dichloroethene

Concen: 20.794 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 96 Resp: 44105

Ion Ratio Lower Upper

96 100

61 125.8 107.8 161.6

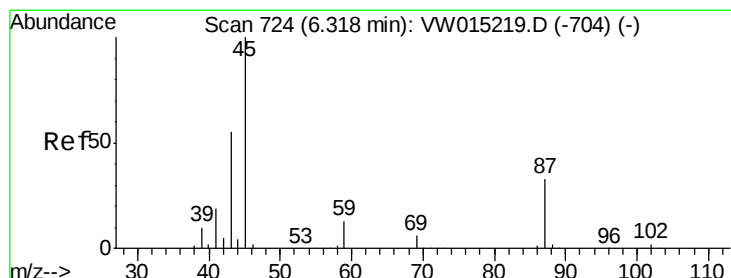
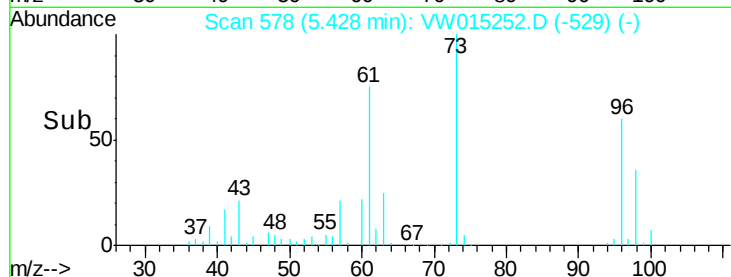
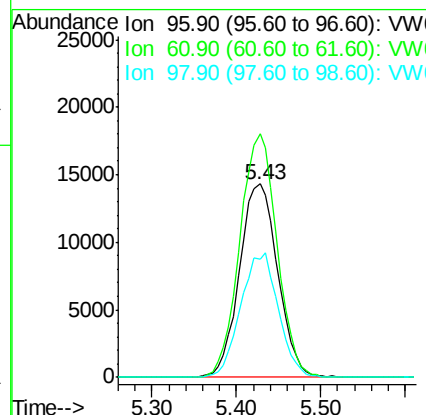
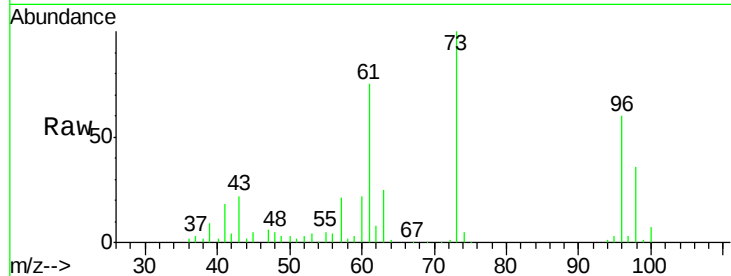
98 60.8 50.2 75.2

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#22

Diisopropyl ether

Concen: 19.920 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion: 45 Resp: 94814

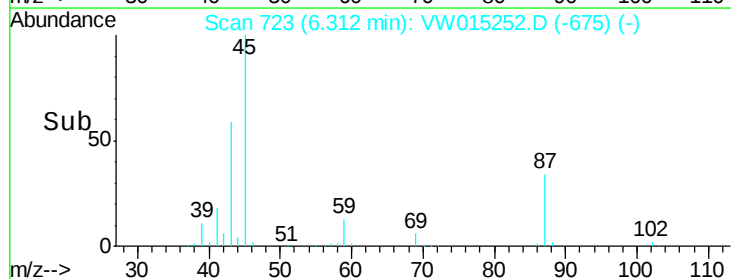
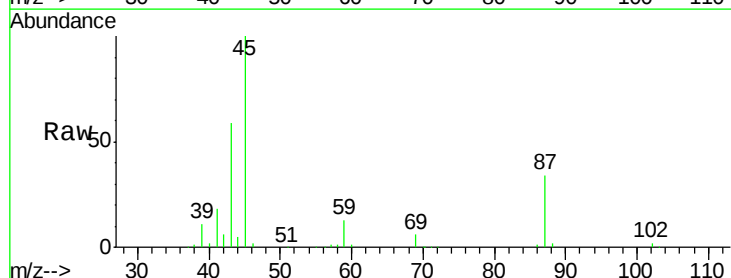
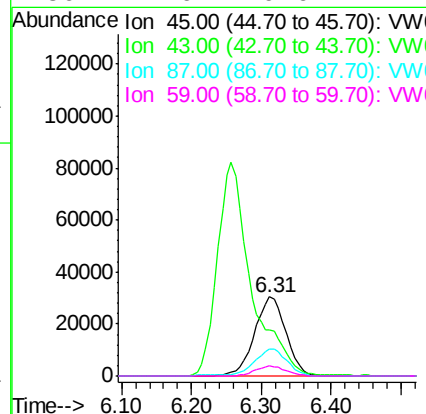
Ion Ratio Lower Upper

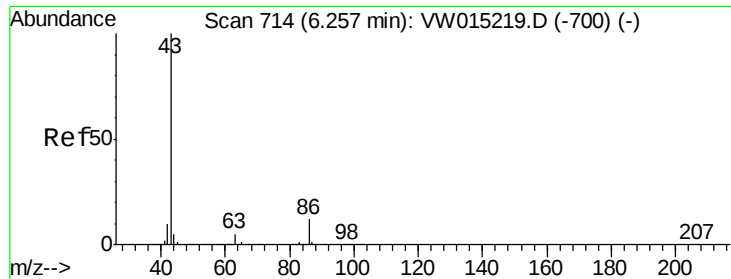
45 100

43 57.7 41.8 62.6

87 34.5 23.2 34.8

59 12.6 9.6 14.4





#23

Vinyl Acetate

Concen: 98.696 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 43 Resp: 275669

Ion Ratio Lower Upper

43 100

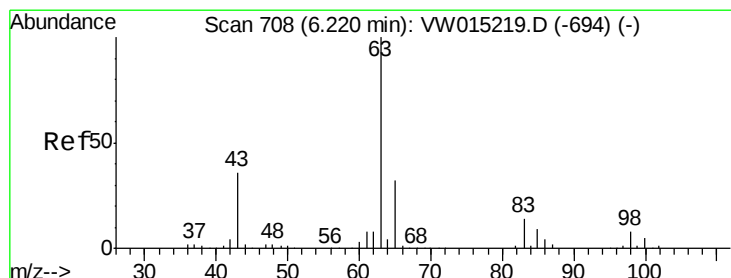
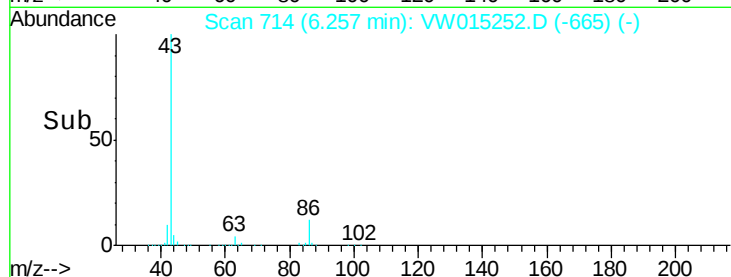
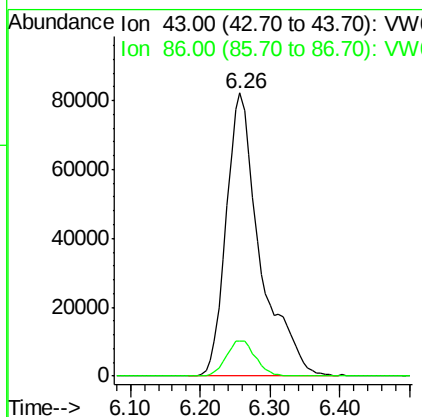
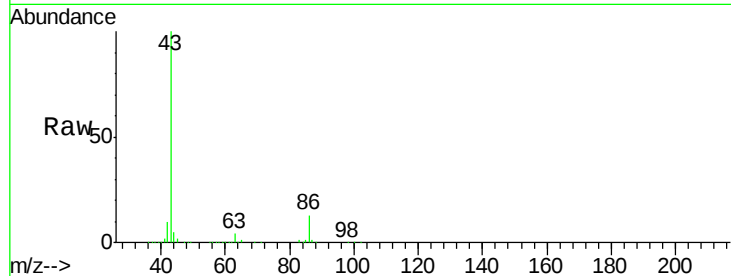
86 12.5 9.1 13.7

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#24

1,1-Dichloroethane

Concen: 20.259 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

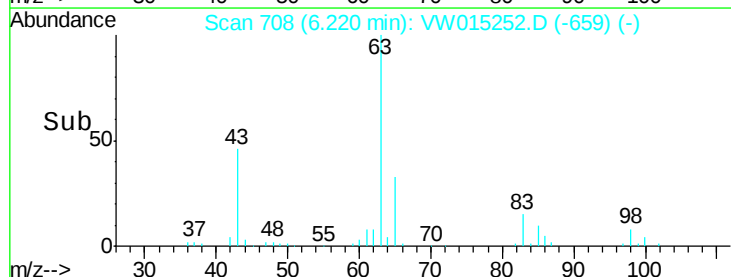
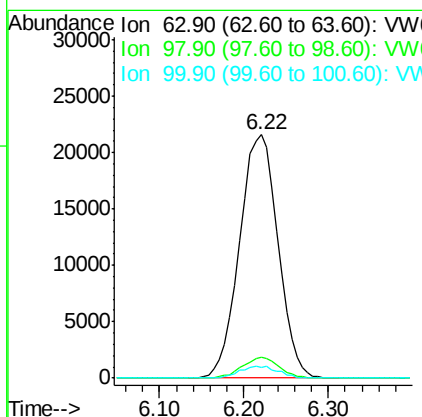
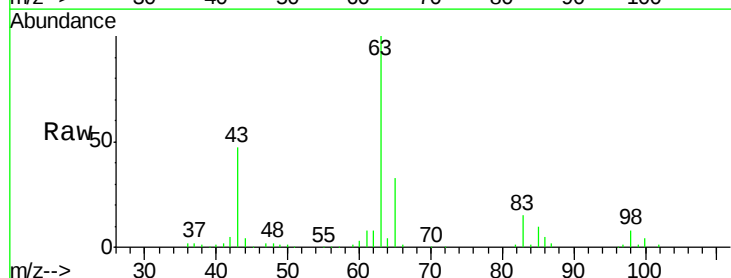
Tgt Ion: 63 Resp: 66827

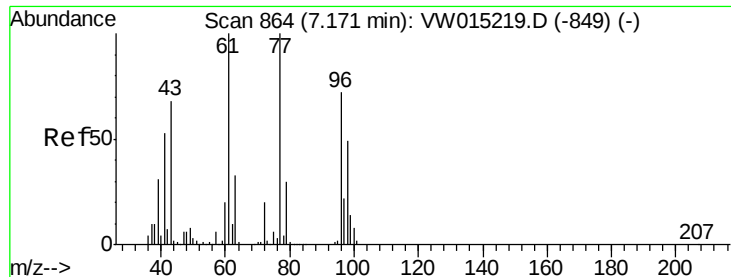
Ion Ratio Lower Upper

63 100

98 8.4 3.6 10.9

100 4.4 2.4 7.2





#25

2-Butanone

Concen: 91.291 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 43 Resp: 37932

Ion Ratio Lower Upper

43 100

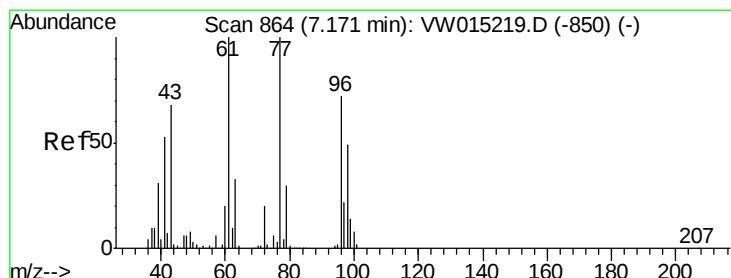
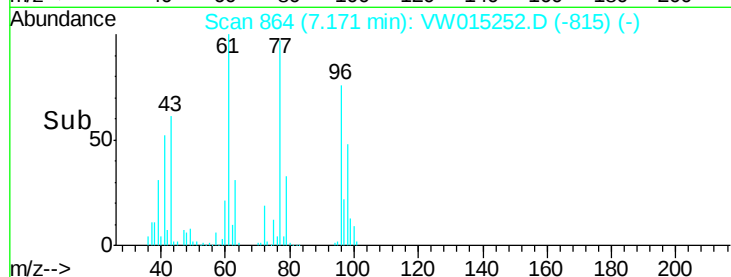
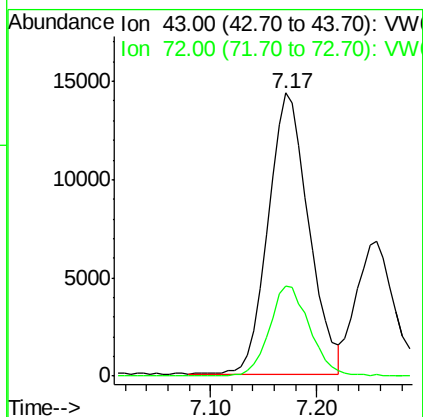
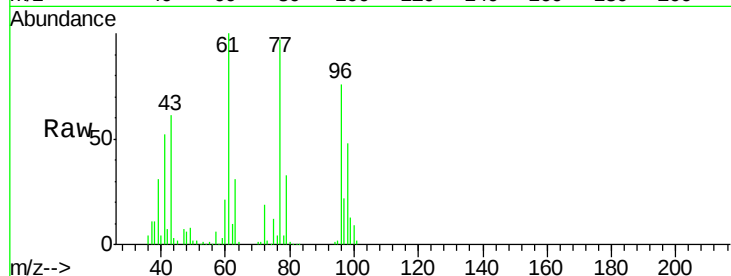
72 31.8 21.6 32.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.084 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015252.D

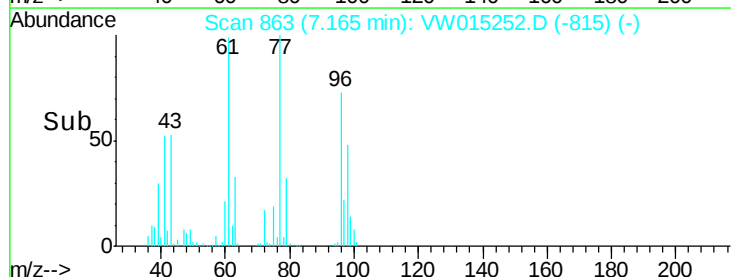
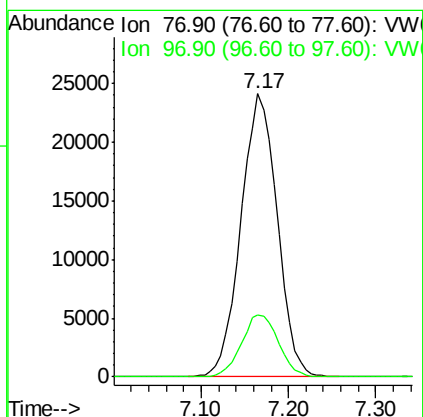
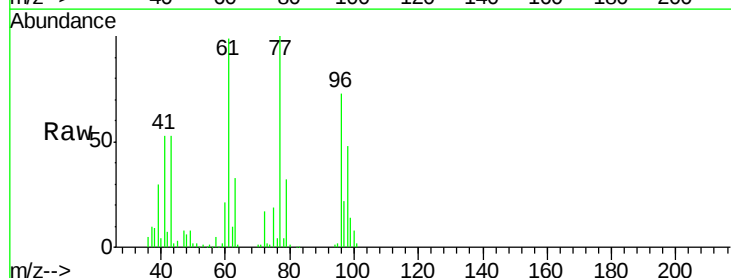
Acq: 21 Apr 2020 10:55

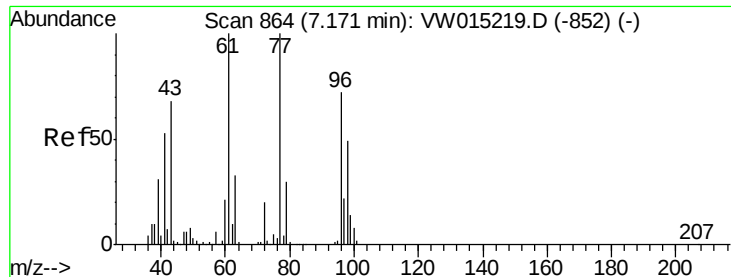
Tgt Ion: 77 Resp: 69699

Ion Ratio Lower Upper

77 100

97 22.4 11.9 35.5





#27

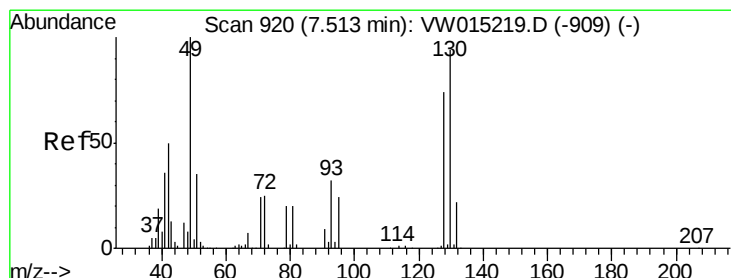
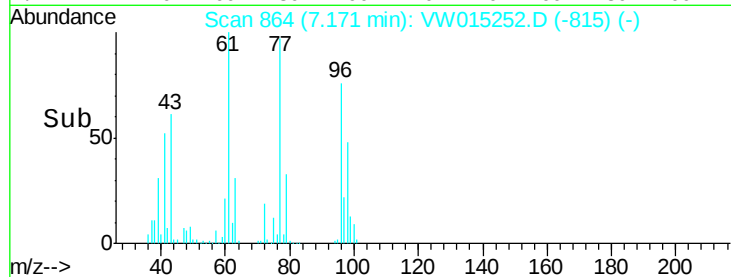
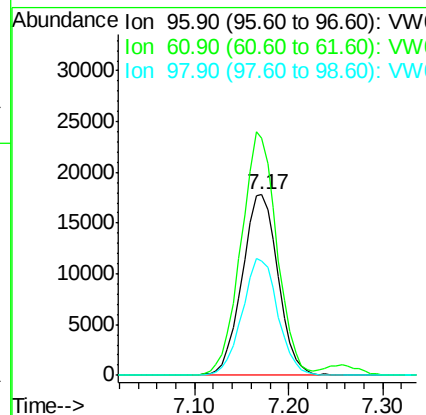
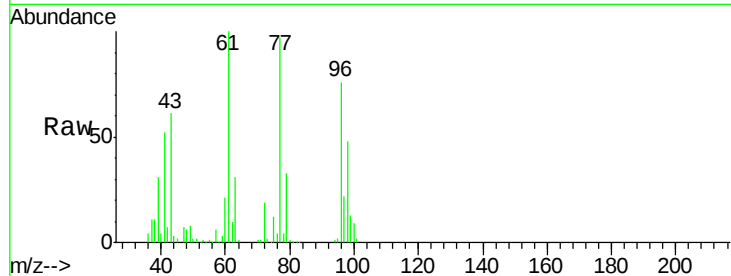
cis-1,2-Dichloroethene
Concen: 20.796 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.9	0.0	275.0
98	64.0	0.0	130.8

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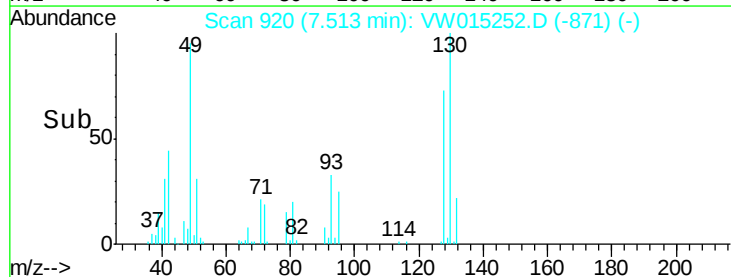
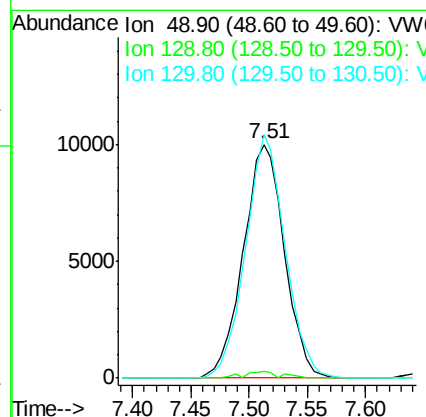
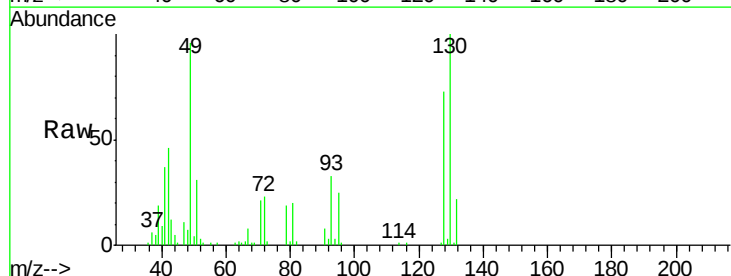
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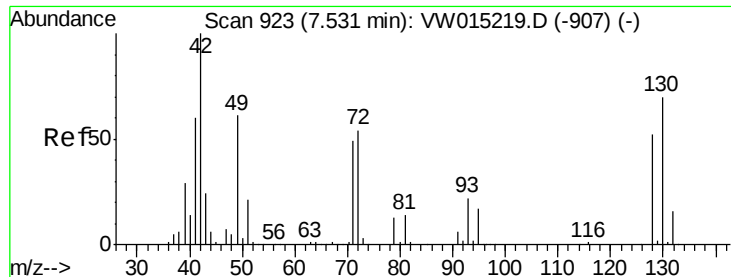


#28

Bromochloromethane
Concen: 20.469 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	4.6
130	100.3	60.9	91.3#





#29

Tetrahydrofuran

Concen: 93.666 ug/l

RT: 7.52 min Scan# 922

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

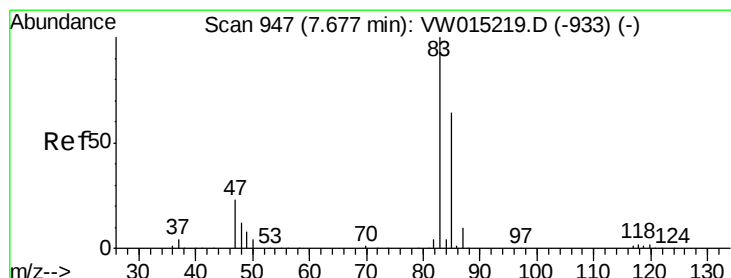
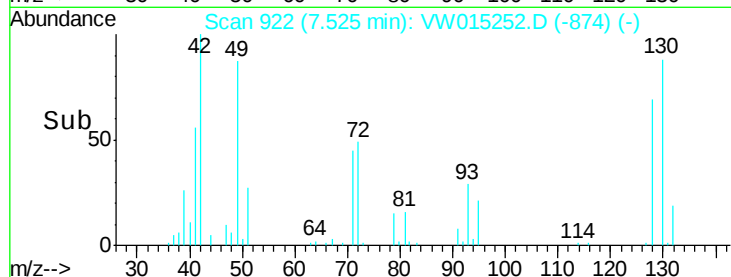
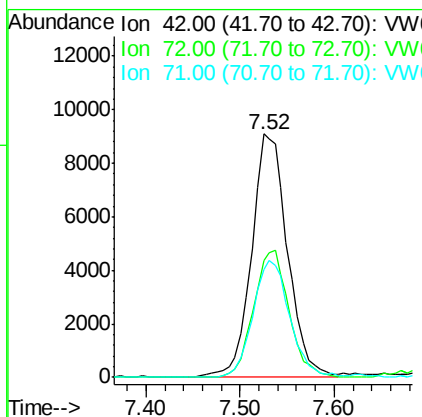
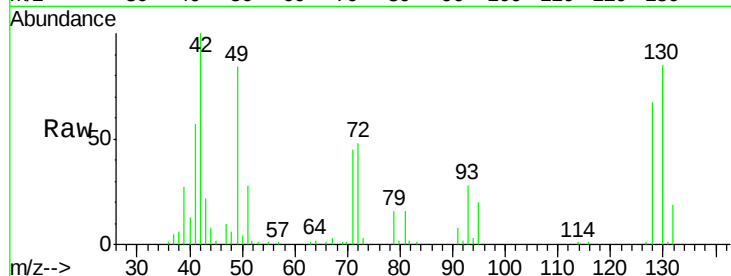
ClientSampleId :

VW0421SBS01

Tot Ion:	42	Resp:	24247
Ion Ratio	Lower	Upper	
42	100		
72	51.2	36.2	54.2
71	49.3	34.2	51.4

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#30

Chloroform

Concen: 20.531 ug/l

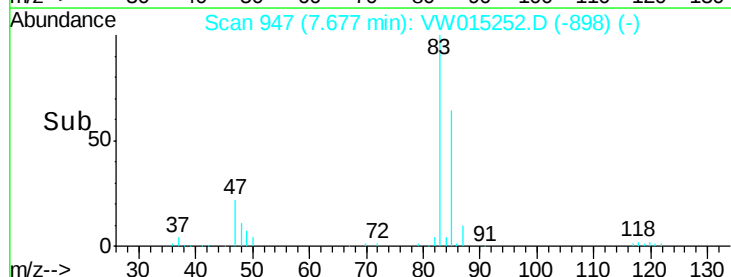
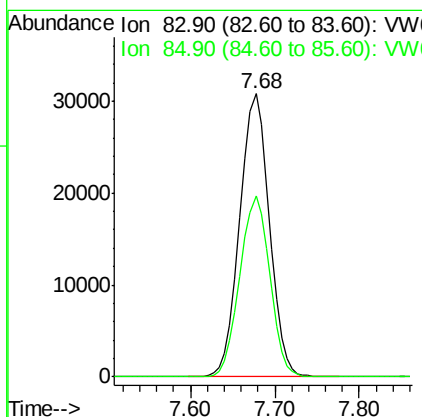
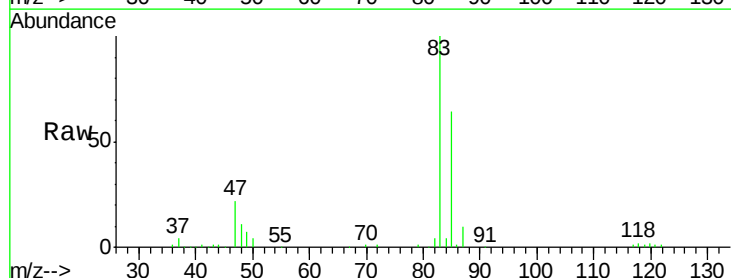
RT: 7.68 min Scan# 947

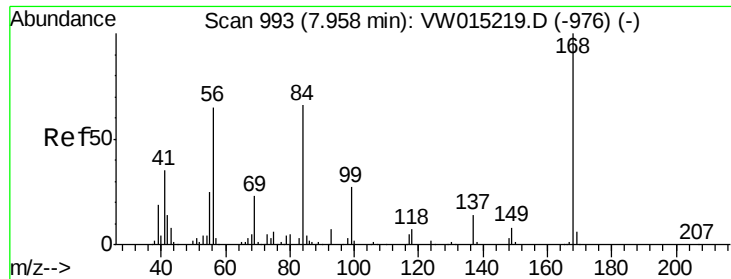
Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion:	83	Resp:	73096
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.9	76.3





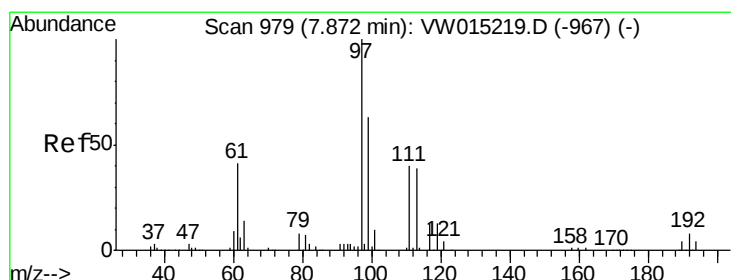
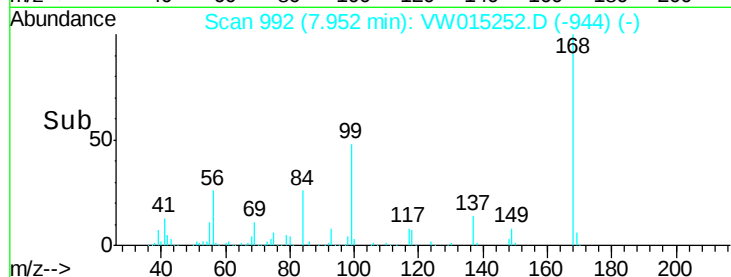
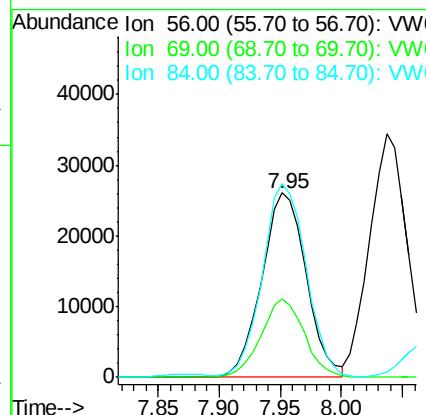
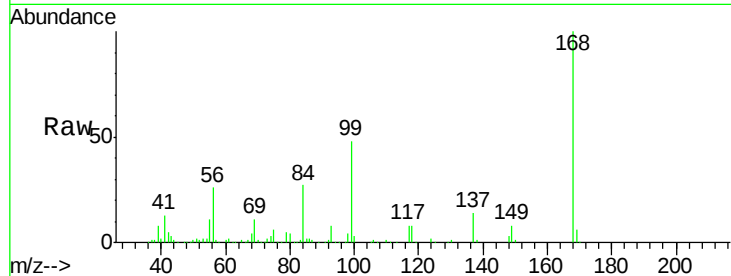
#31
Cyclohexane
Concen: 19.930 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	42.5	27.1	40.7#
84	103.0	71.9	107.9

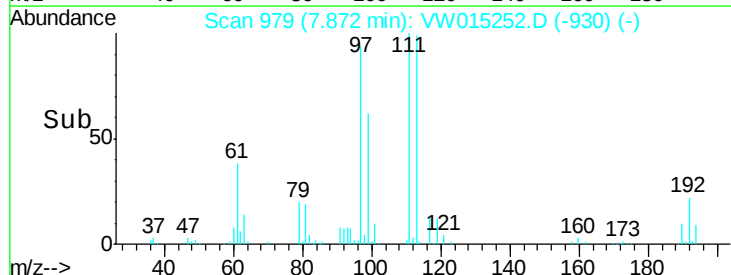
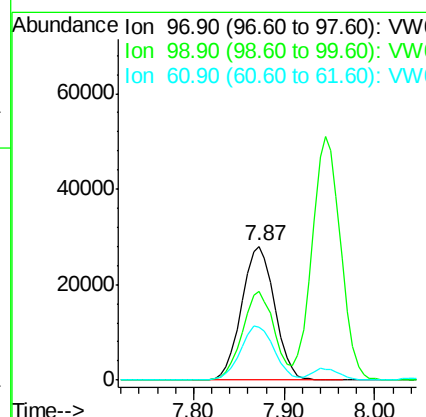
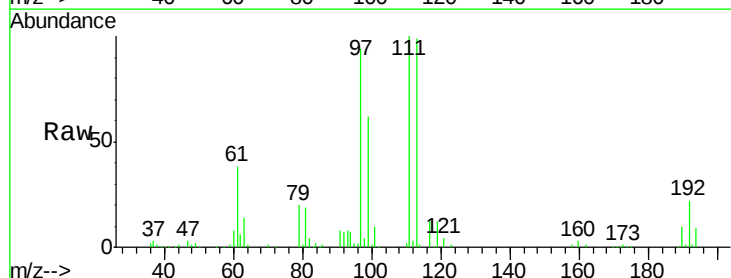
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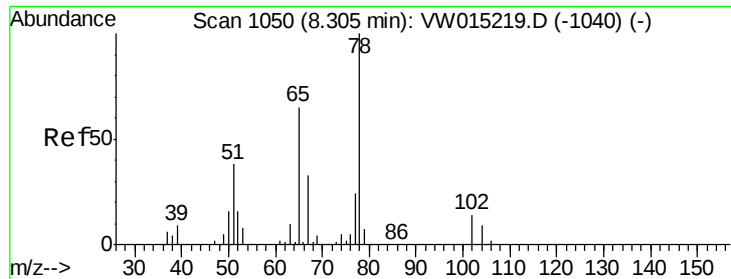
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#32
1,1,1-Trichloroethane
Concen: 20.594 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.2	78.2
61	41.1	34.2	51.2





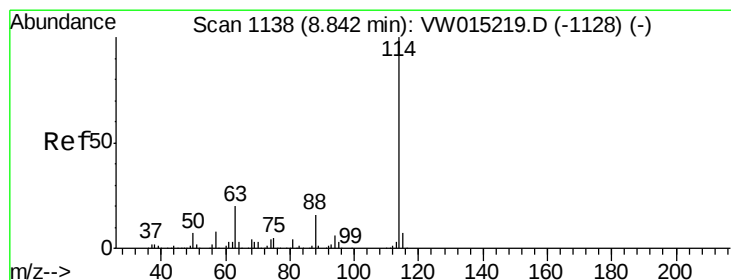
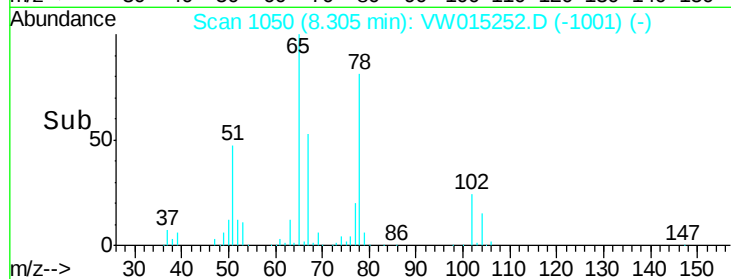
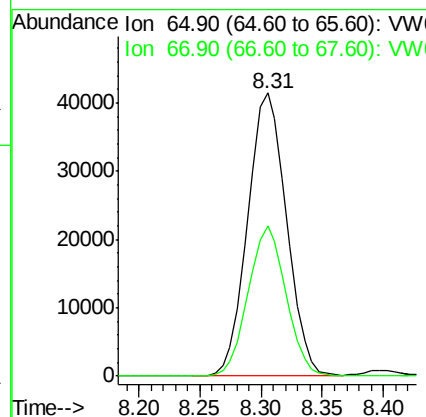
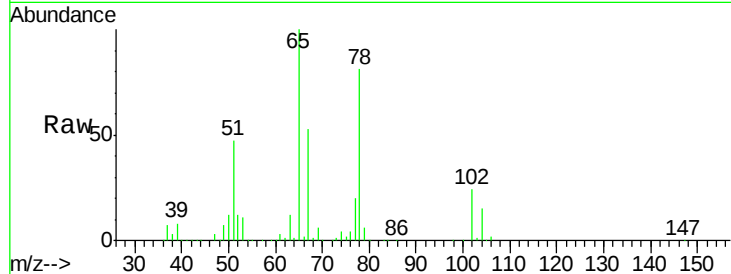
#33
 1,2-Dichloroethane-d4
 Concen: 51.147 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	107.0

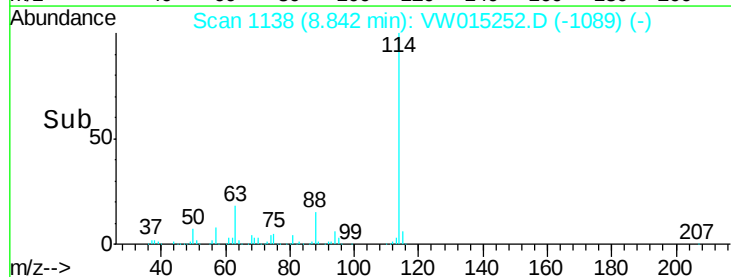
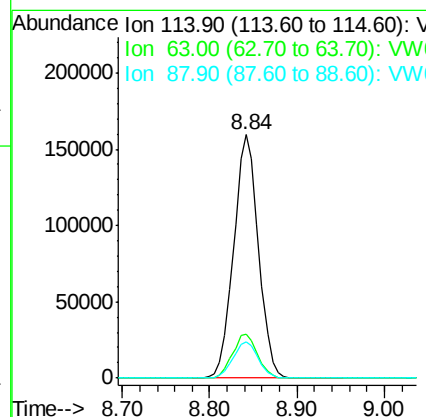
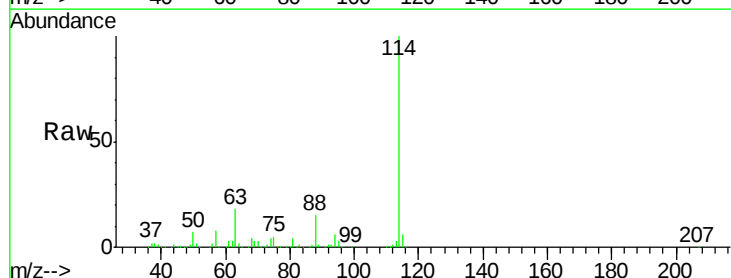
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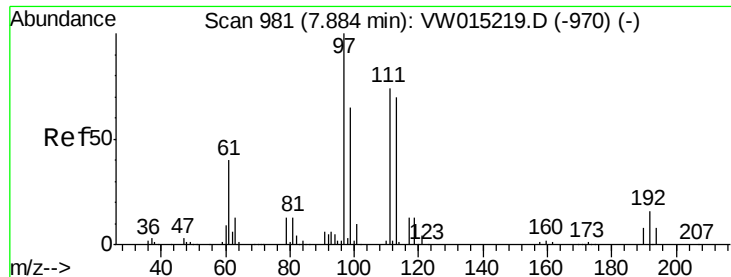
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	39.8
88	15.1	0.0	30.2





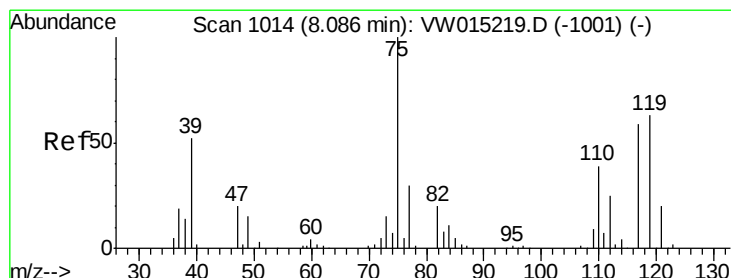
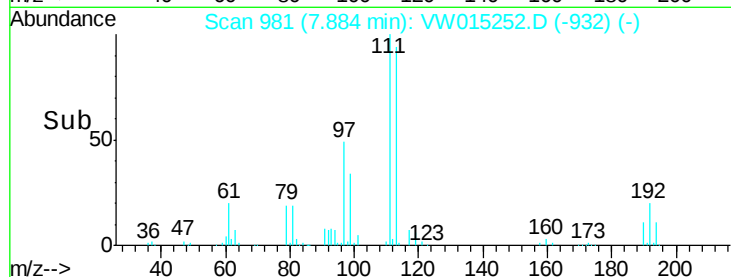
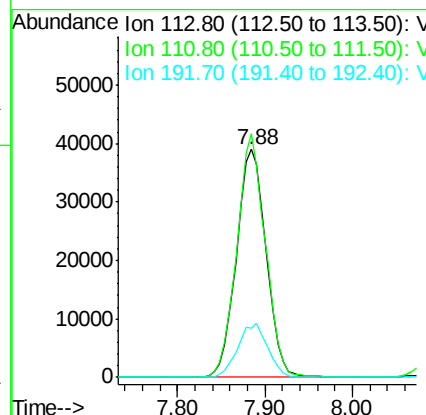
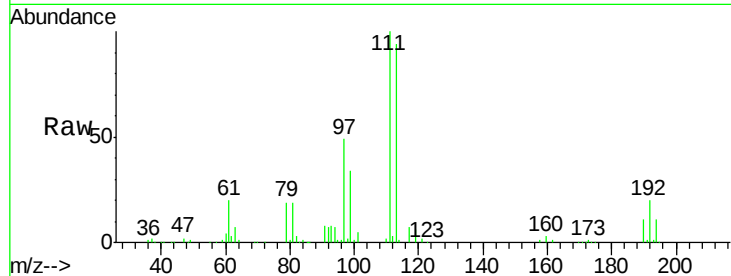
#35
Dibromofluoromethane
Concen: 53.177 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	92211		
111	102.5	83.0	124.4	
192	23.7	15.1	22.7#	

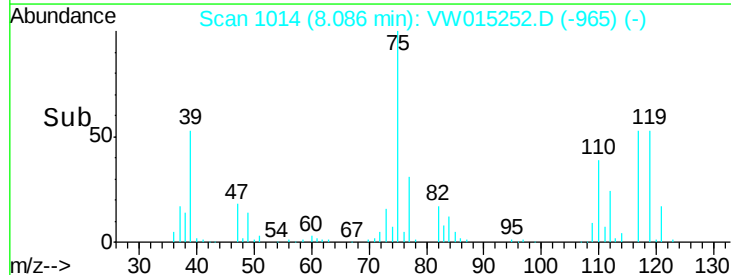
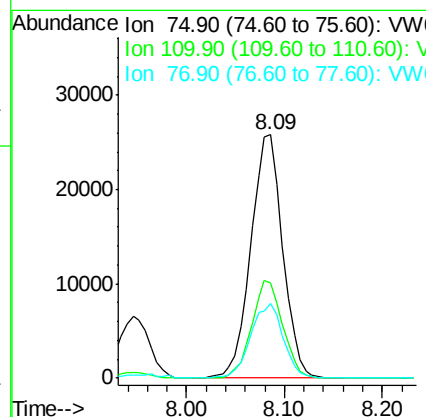
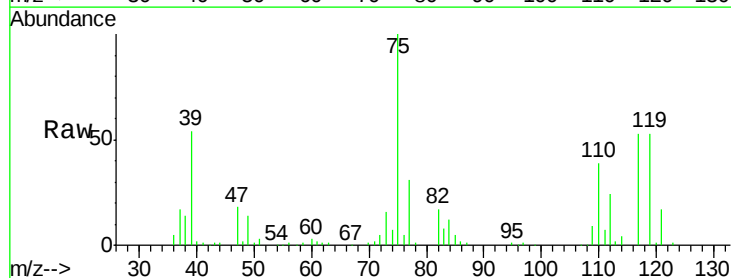
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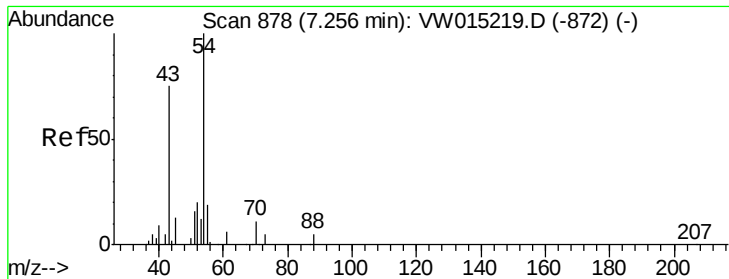
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#36
1,1-Dichloropropene
Concen: 20.629 ug/l
RT: 8.09 min Scan# 1014
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	58286		
110	38.9	18.2	54.6	
77	31.3	24.5	36.7	





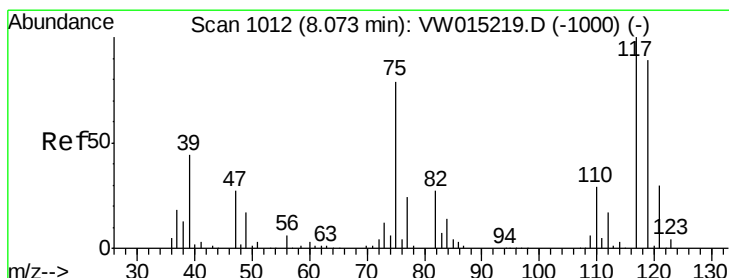
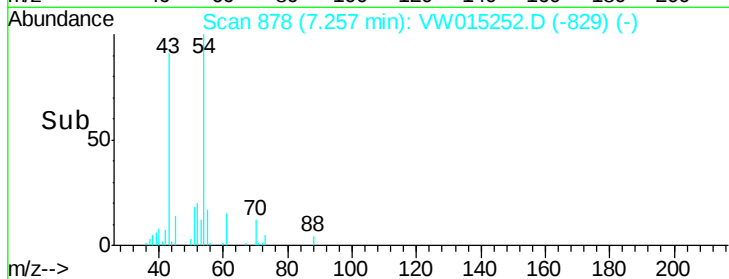
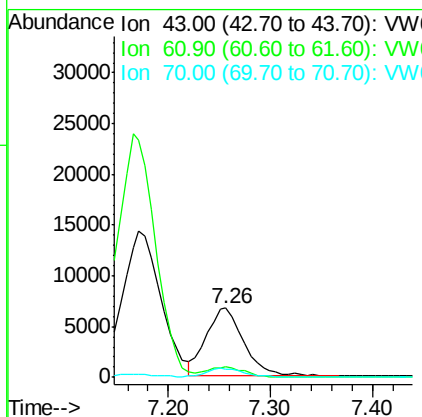
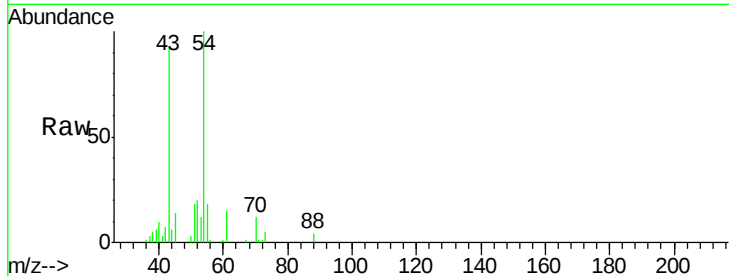
#37
Ethyl Acetate
Concen: 18.747 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	43	Resp	17191
Ion Ratio	Lower	Upper	
43	100		
61	15.6	11.9	17.9
70	13.9	8.8	13.2#

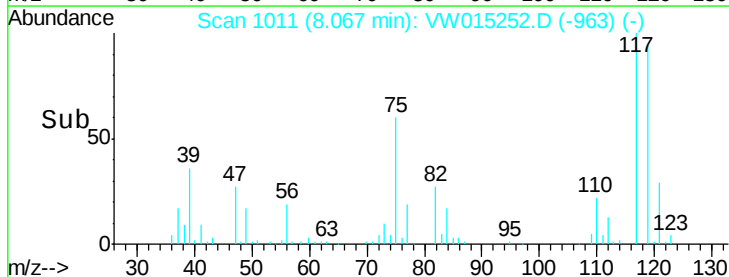
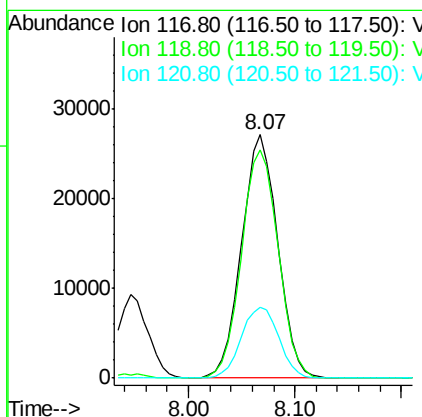
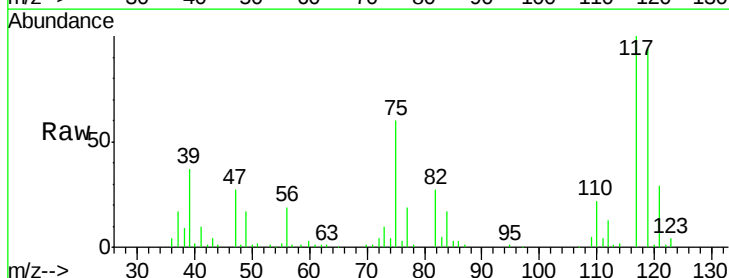
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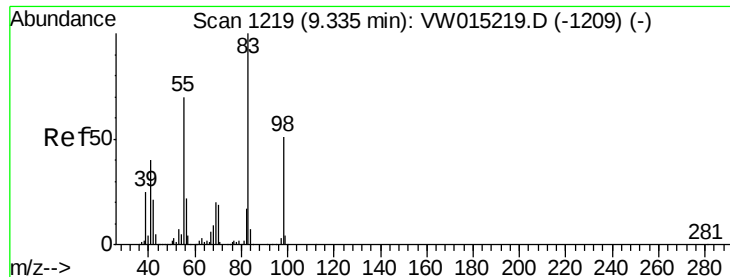
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#38
Carbon Tetrachloride
Concen: 20.892 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	117	Resp	64509
Ion Ratio	Lower	Upper	
117	100		
119	93.9	72.3	108.5
121	29.0	23.7	35.5





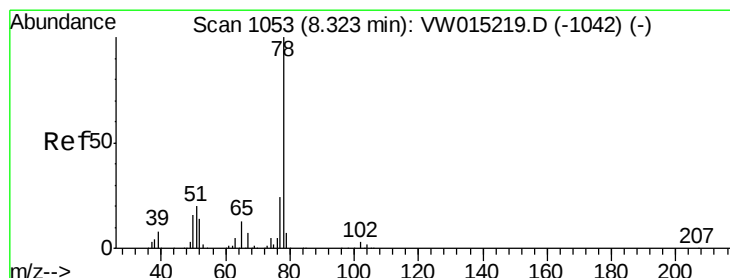
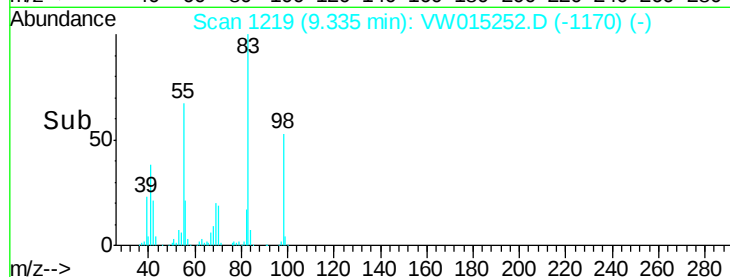
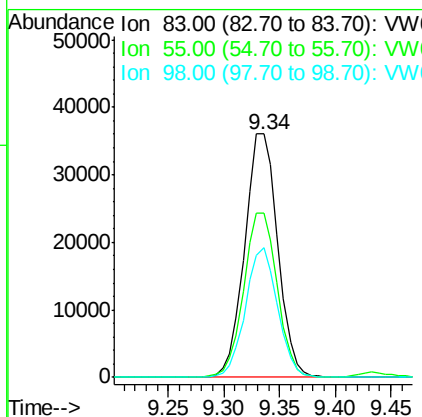
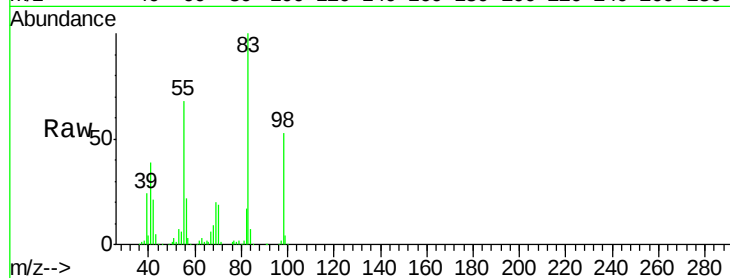
#39
Methvlcvclohexane
Concen: 19.807 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	67.3	58.1	87.1
98	53.1	40.2	60.4

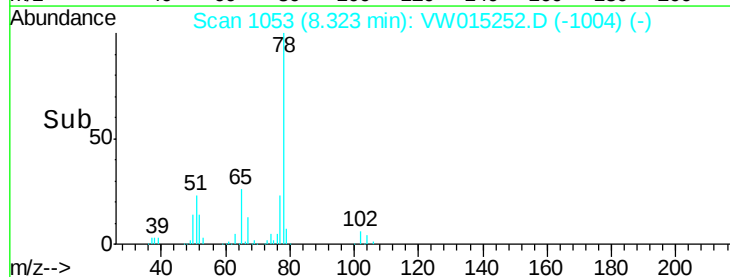
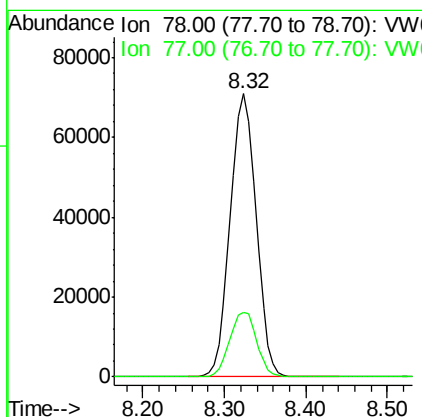
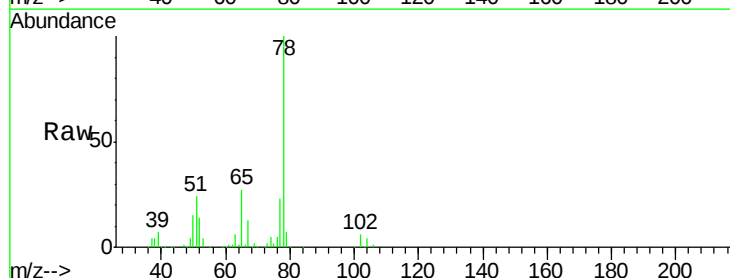
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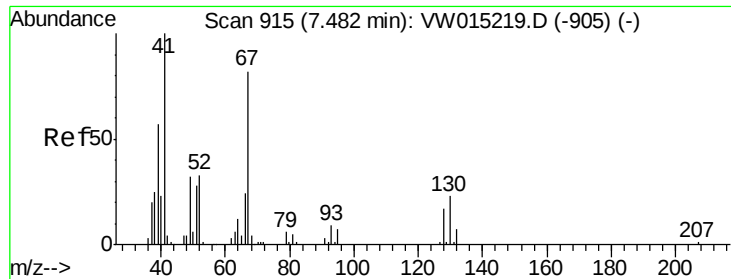
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#40
Benzene
Concen: 20.653 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.2	27.2





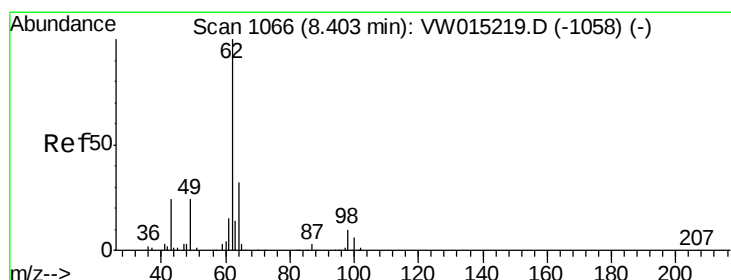
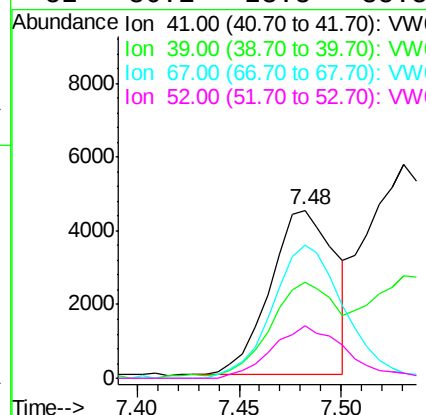
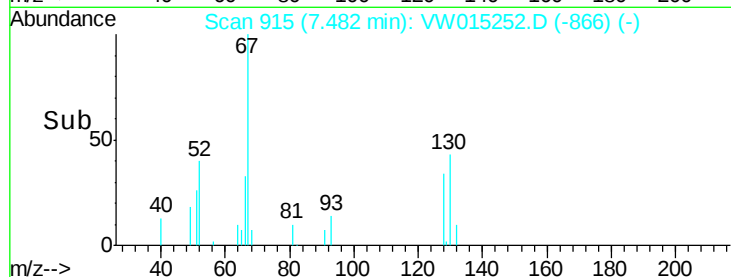
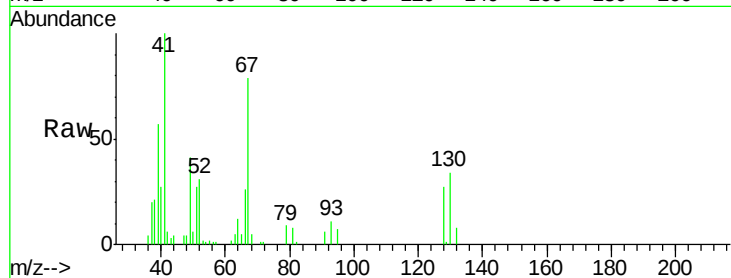
#41
Methacrylonitrile
Concen: 18.052 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.2	41.9	62.9
67	89.1	60.6	91.0
52	36.1	23.8	35.8#

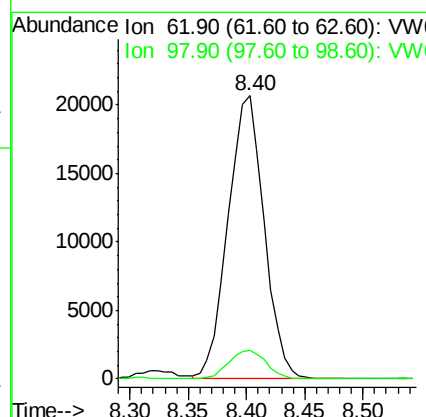
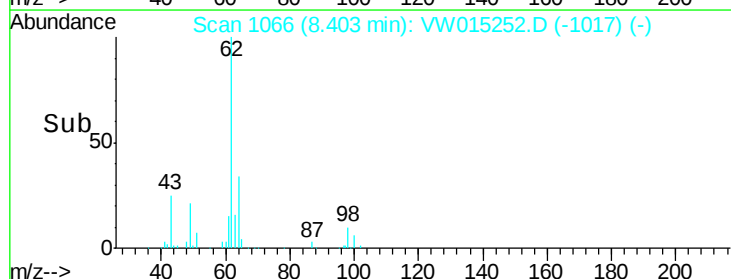
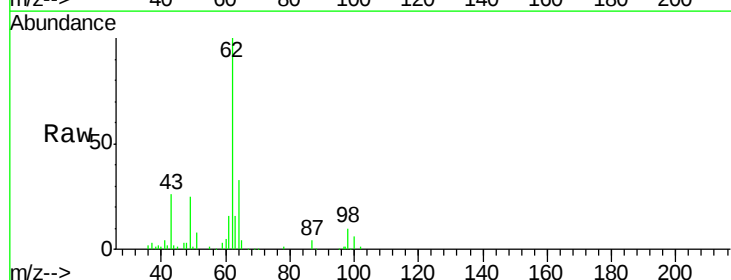
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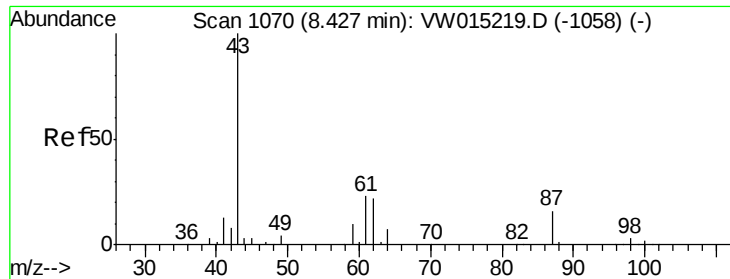
MMDadoda
4/22/2020 11:42:22 AM



#42
1,2-Dichloroethane
Concen: 20.112 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.4





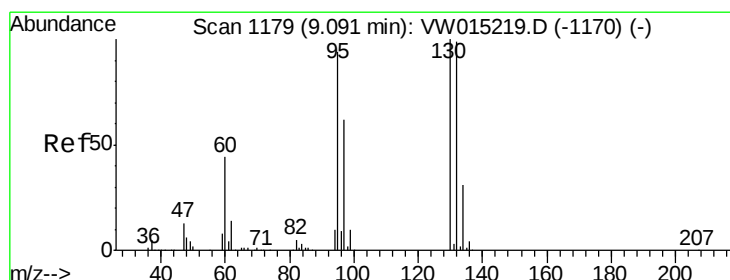
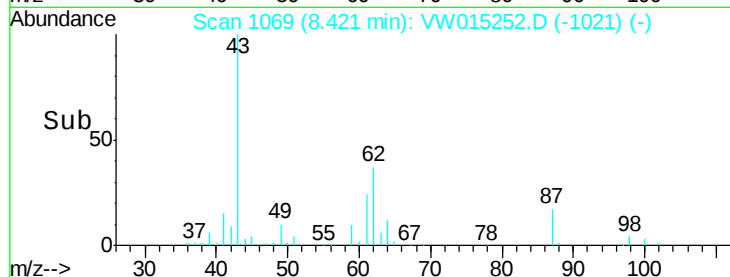
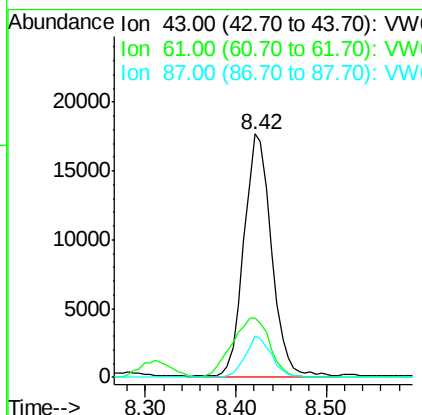
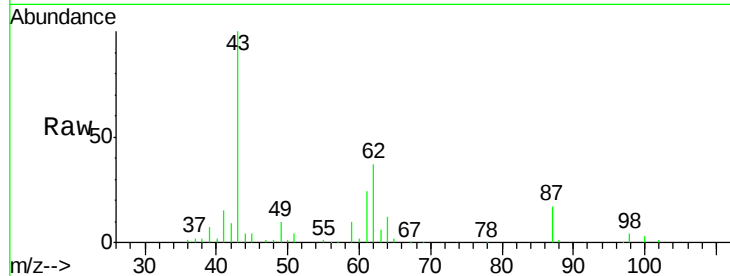
#43
Isopropyl Acetate
Concen: 19.279 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	33.8	24.8	37.2
87	15.9	11.4	17.2

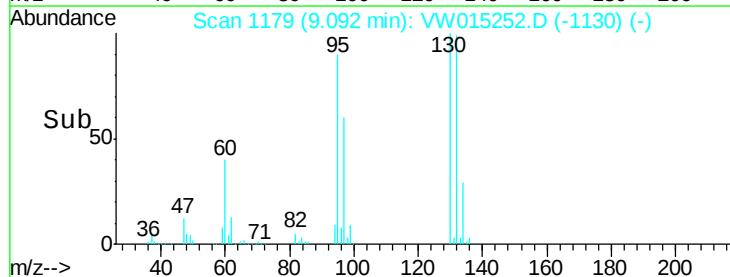
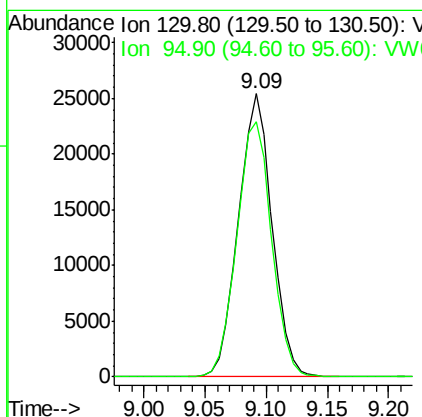
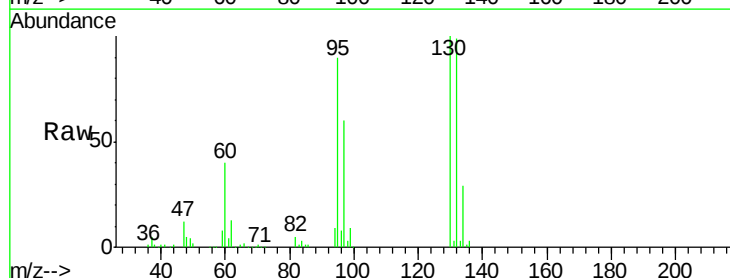
Manual Integrations
APPROVED

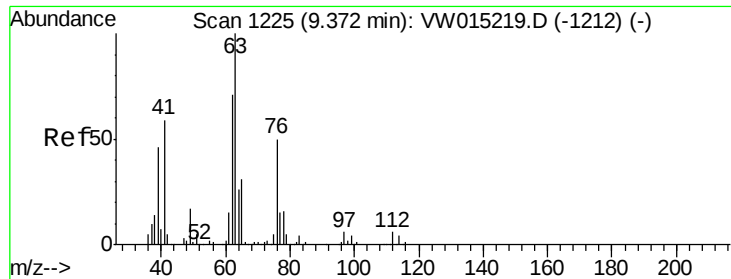
MMDadoda
4/22/2020 11:42:22 AM



#44
Trichloroethene
Concen: 21.001 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.1	0.0	196.4





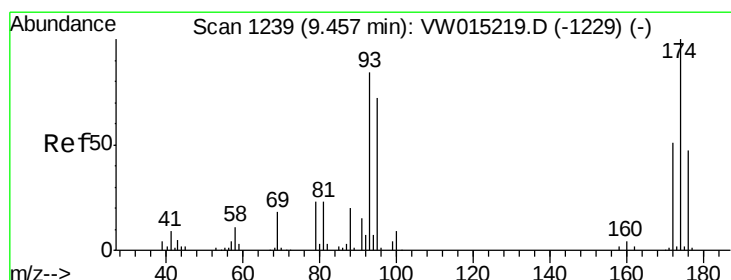
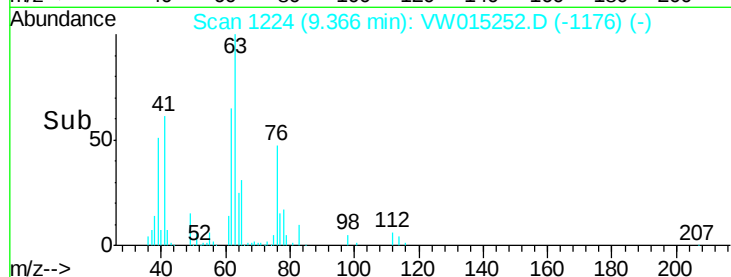
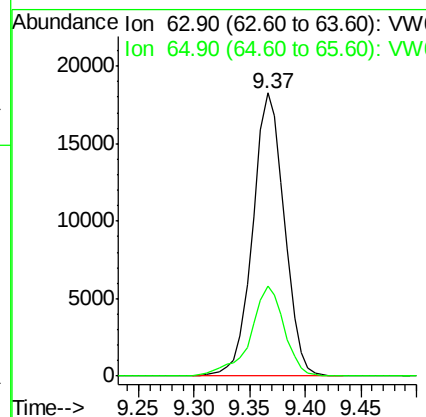
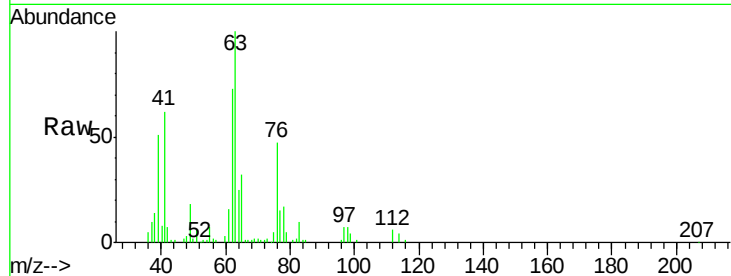
#45
 1,2-Dichloropropane
 Concen: 20.591 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. -0.01 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.5	38.3

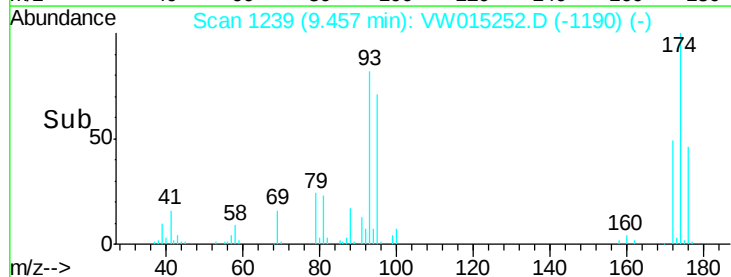
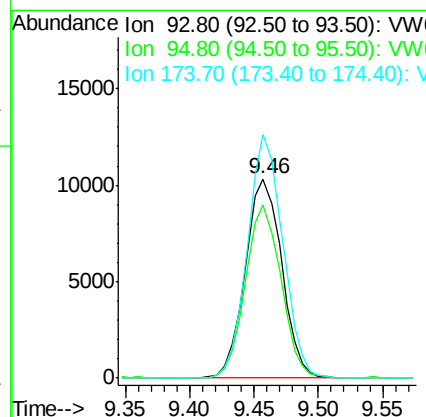
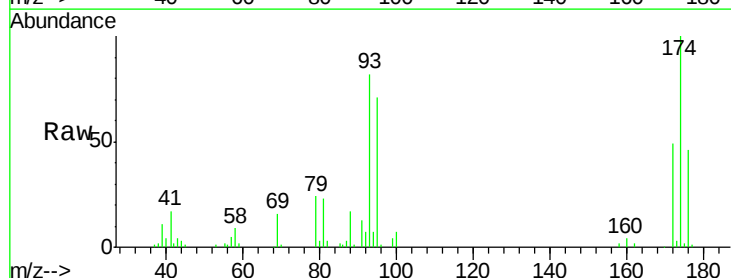
Manual Integrations
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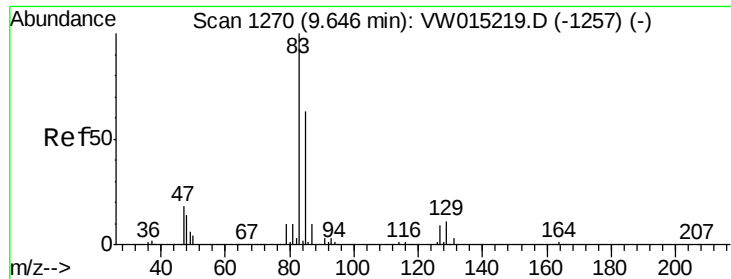
MMDadoda
 4/22/2020 11:42:22 AM



#46
 Dibromomethane
 Concen: 19.971 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.5	67.5	101.3
174	117.5	74.1	111.1#





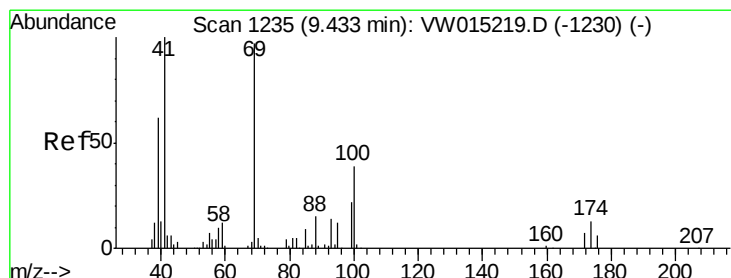
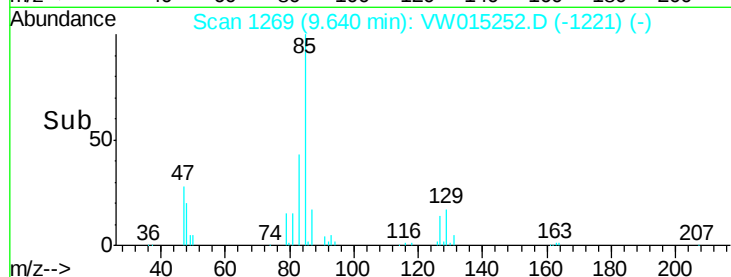
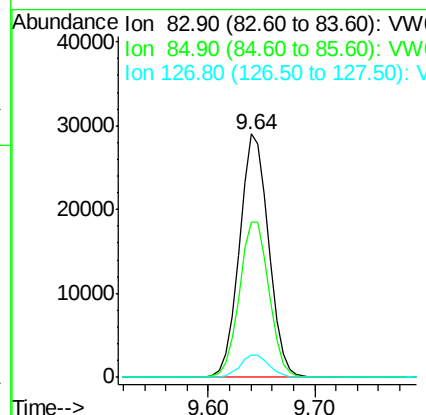
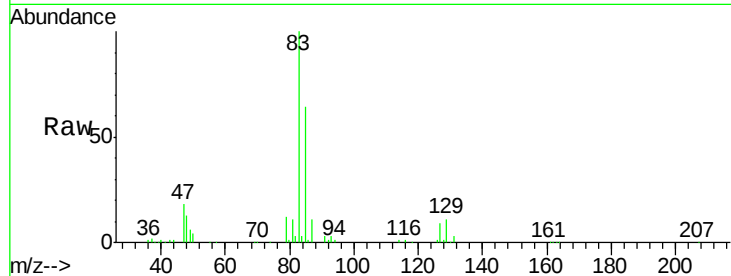
#47
Bromodichloromethane
Concen: 20.594 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
85	63.7	50.6	76.0	
127	9.0	6.7	10.1	

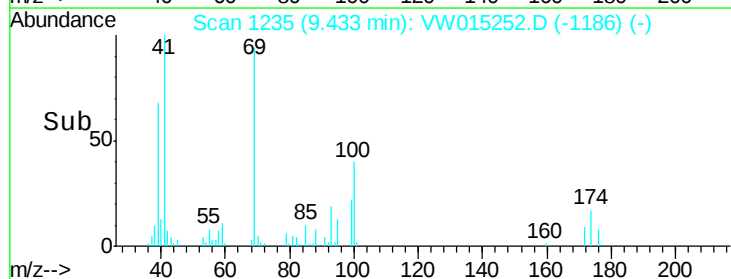
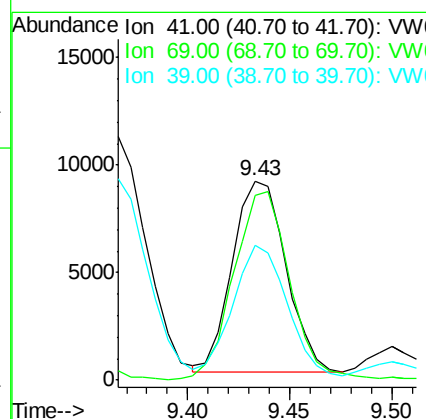
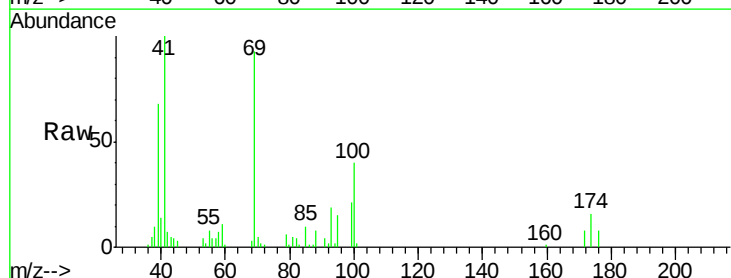
Manual Integrations
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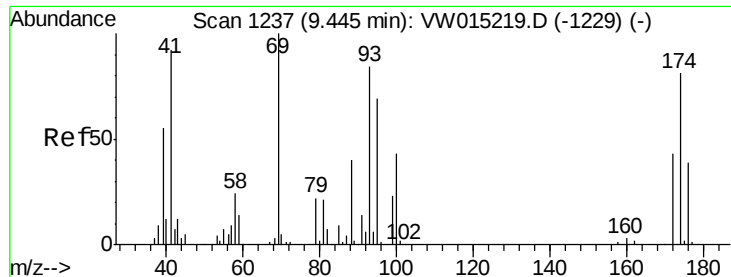
MMDadoda
4/22/2020 11:42:22 AM



#48
Methyl methacrylate
Concen: 17.803 ug/l
RT: 9.43 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
41	100			
69	104.2	70.6	105.8	
39	72.6	42.6	64.0	





#49

1,4-Dioxane

Concen: 333.794 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

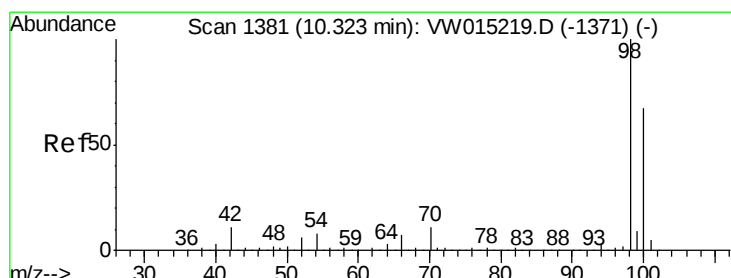
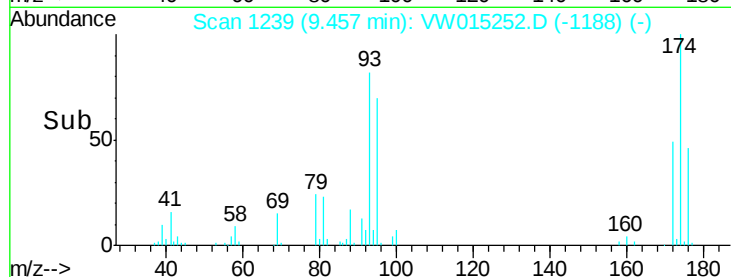
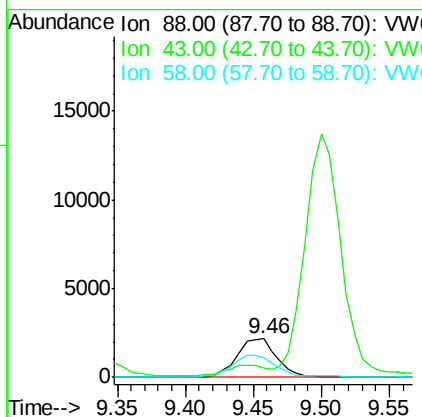
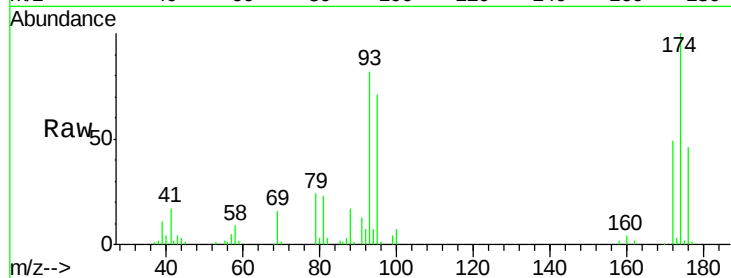
ClientSampleId :

VW0421SBS01

Tot Ion:	88	Resp:	4518
Ion	Ratio	Lower	Upper
88	100		
43	27.3	23.5	35.3
58	64.9	55.4	83.2

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#50

Toluene-d8

Concen: 50.651 ug/l

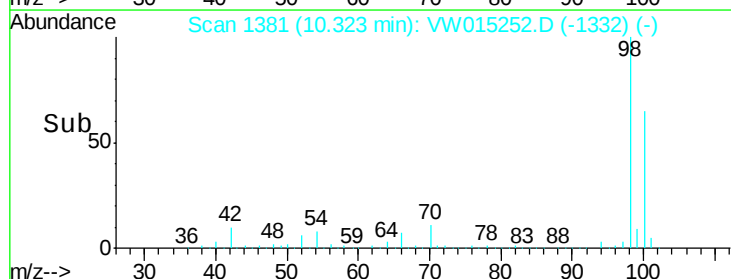
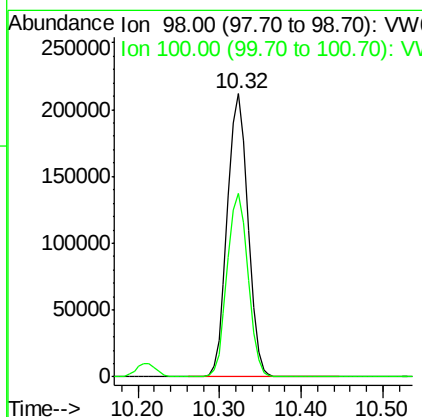
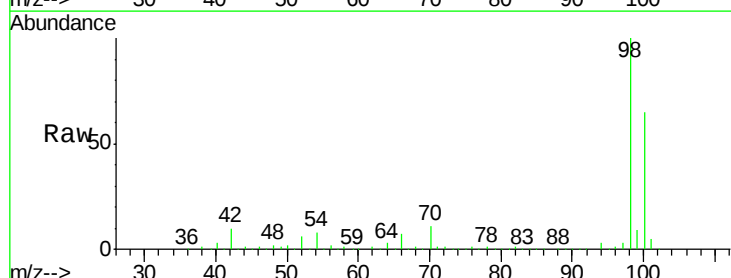
RT: 10.32 min Scan# 1381

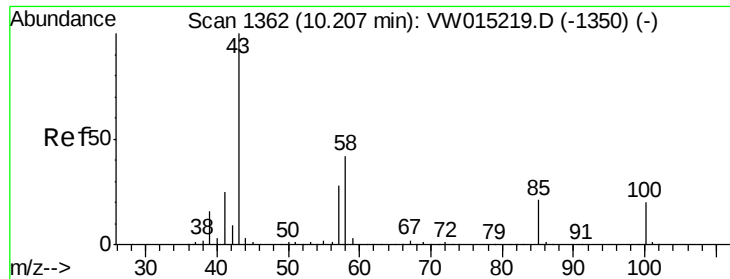
Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion:	98	Resp:	369480
Ion	Ratio	Lower	Upper
98	100		
100	65.6	52.9	79.3





#51

4-Methyl-2-Pentanone

Concen: 91.889 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampled :

VW0421SBS01

Tot Ion: 43 Resp: 82959

Ion Ratio Lower Upper

43 100

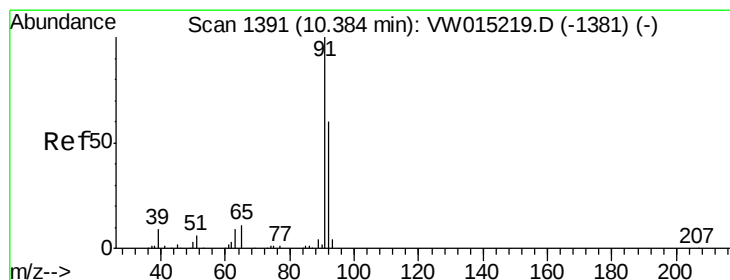
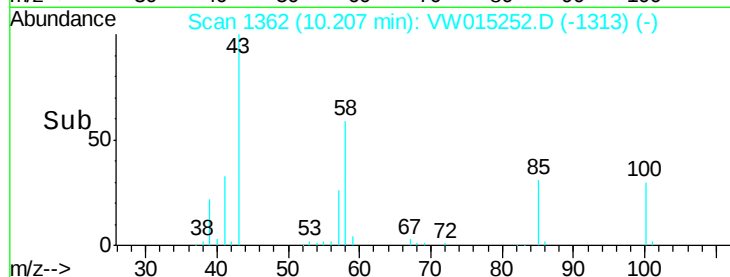
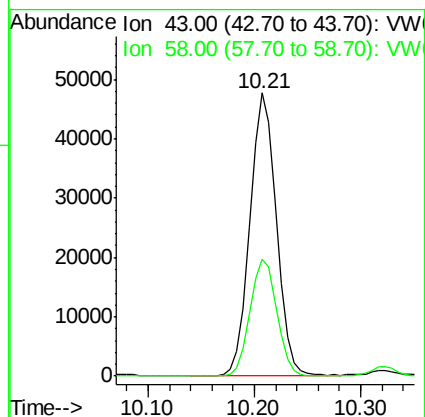
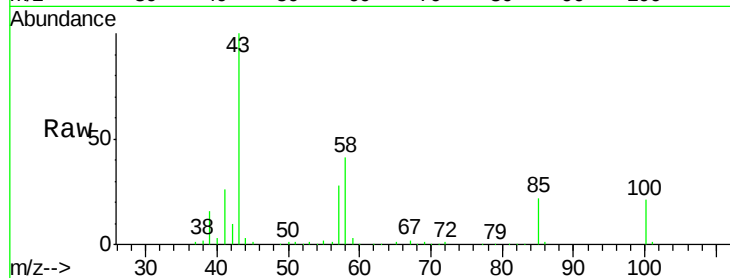
58 42.0 32.3 48.5

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#52

Toluene

Concen: 19.979 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015252.D

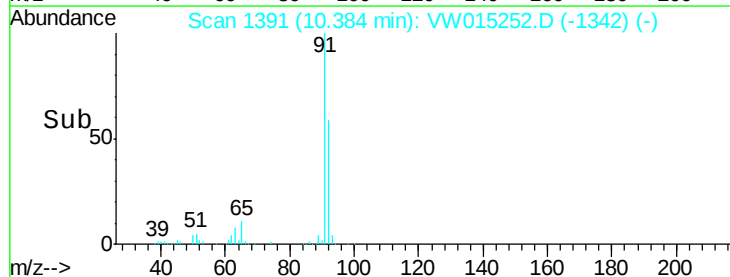
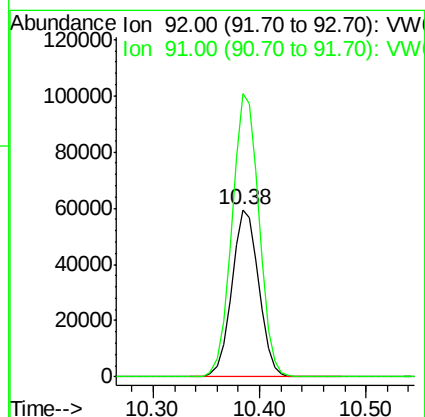
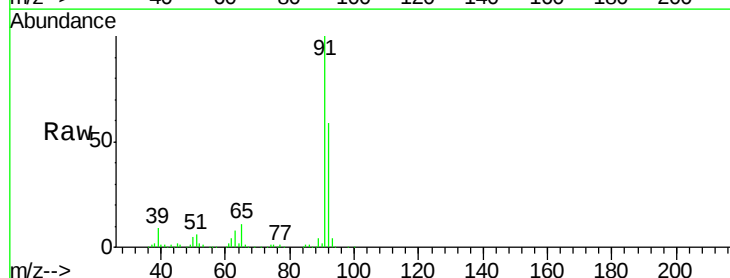
Acq: 21 Apr 2020 10:55

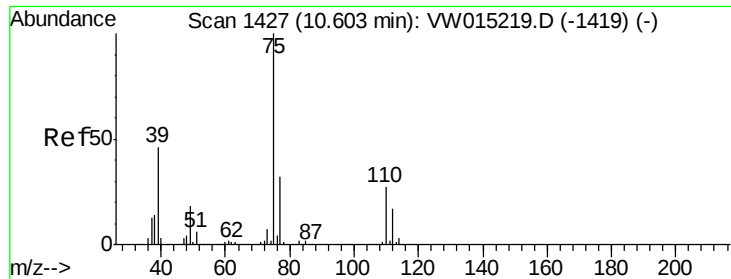
Tgt Ion: 92 Resp: 105534

Ion Ratio Lower Upper

92 100

91 169.9 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.705 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 75 Resp: 52737

Ion Ratio Lower Upper

75 100

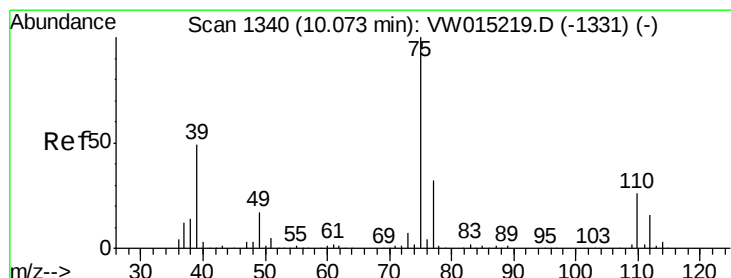
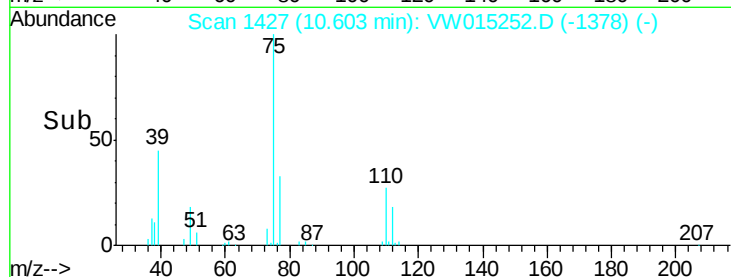
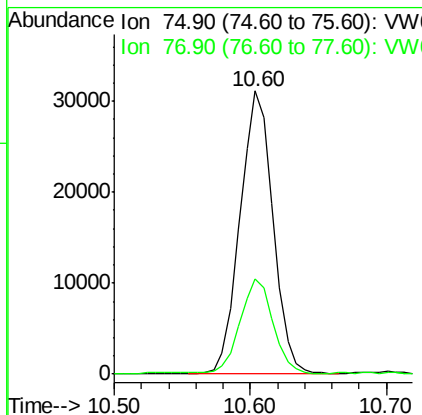
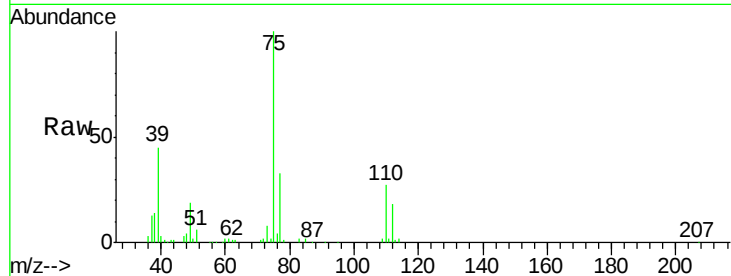
77 32.9 25.5 38.3

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#54

cis-1,3-Dichloropropene

Concen: 20.486 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

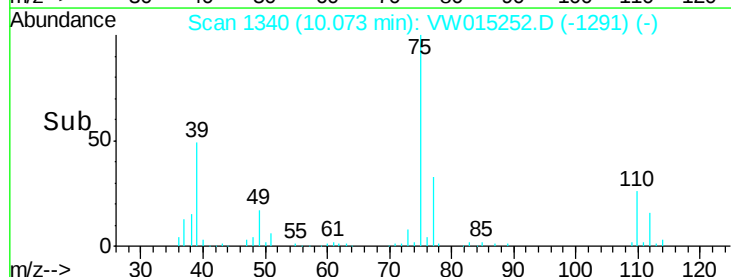
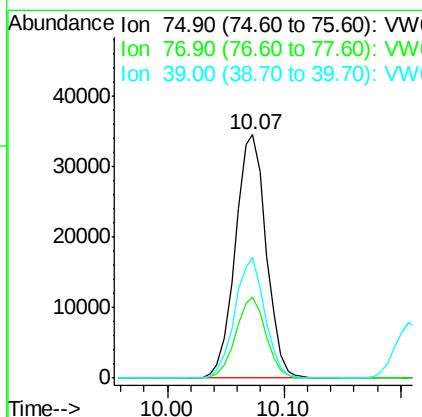
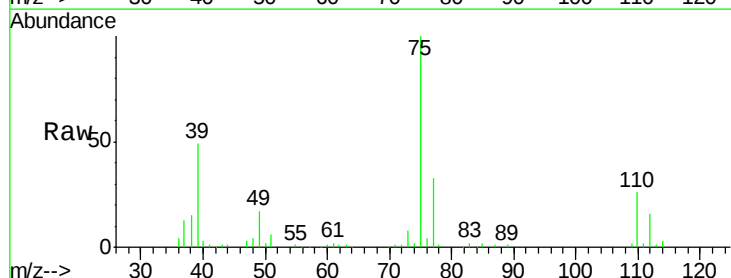
Tgt Ion: 75 Resp: 63727

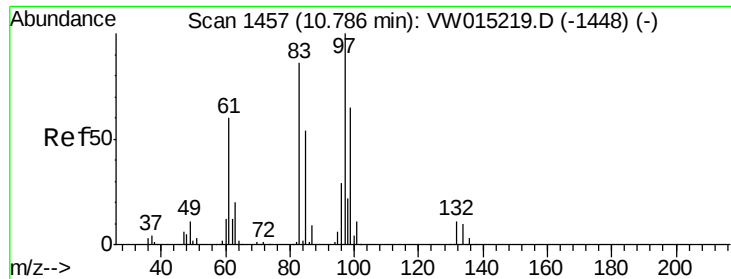
Ion Ratio Lower Upper

75 100

77 33.0 26.6 39.8

39 49.2 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 20.129 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 97 Resp: 28617

Ion Ratio Lower Upper

97 100

83 79.0 67.3 100.9

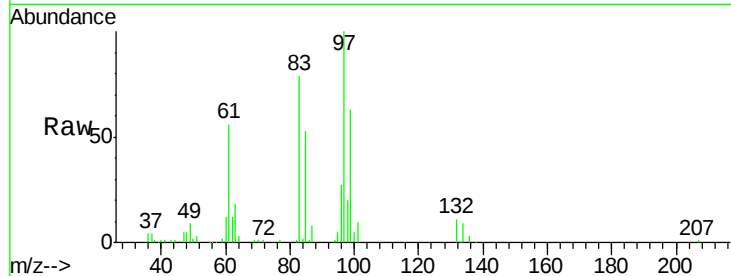
85 53.0 43.8 65.8

99 63.3 51.4 77.0

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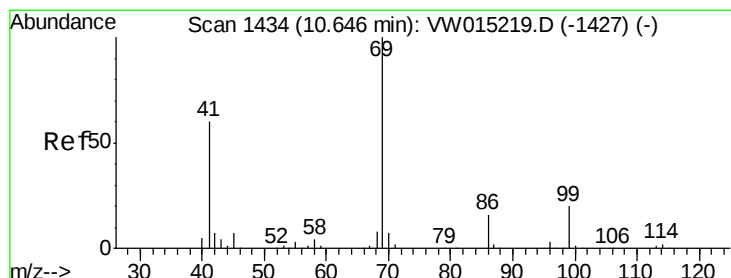
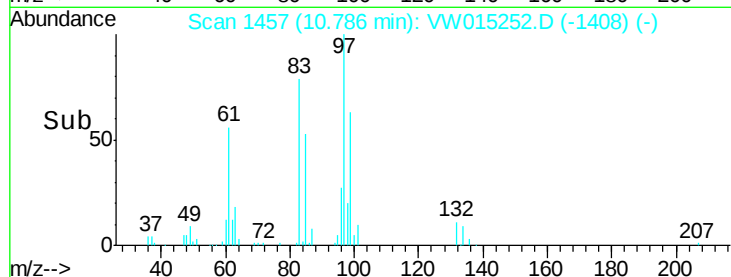
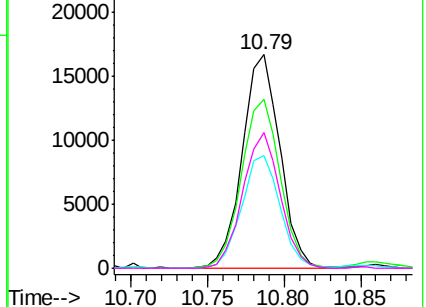


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 18.691 ug/l

RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

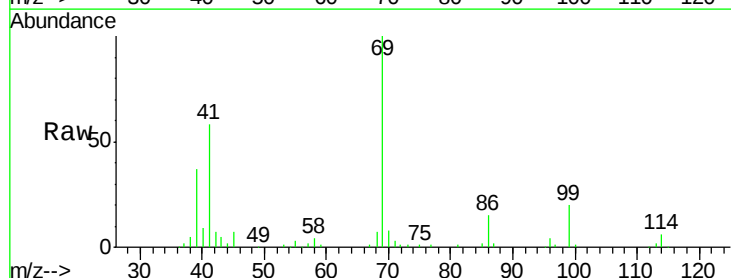
Tgt Ion: 69 Resp: 34233

Ion Ratio Lower Upper

69 100

41 58.2 51.3 76.9

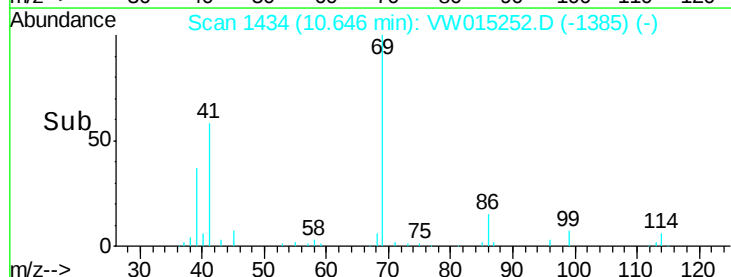
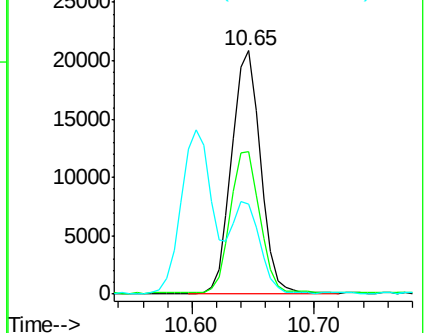
39 34.5 24.6 37.0

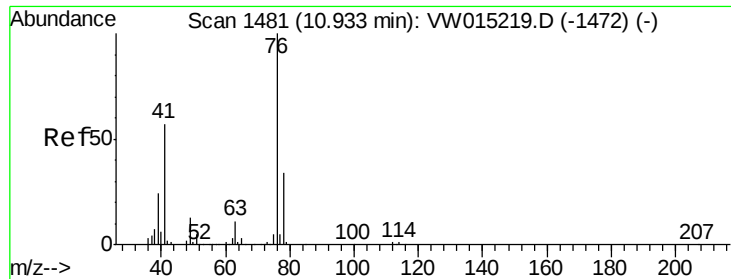


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





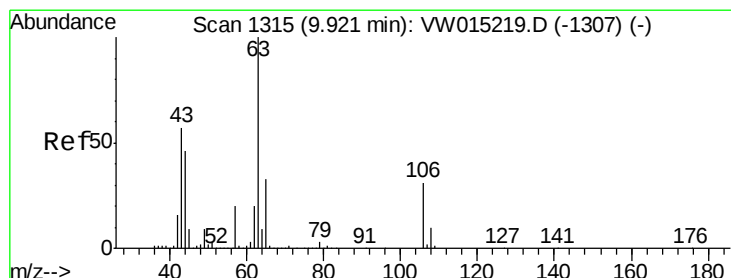
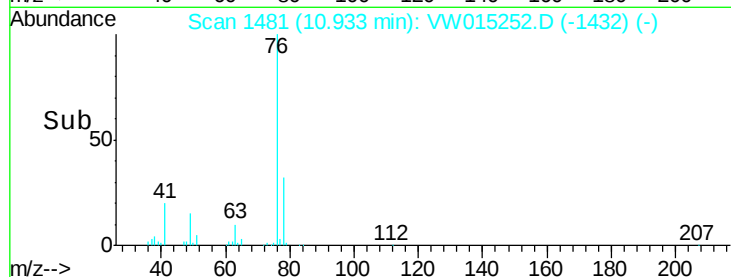
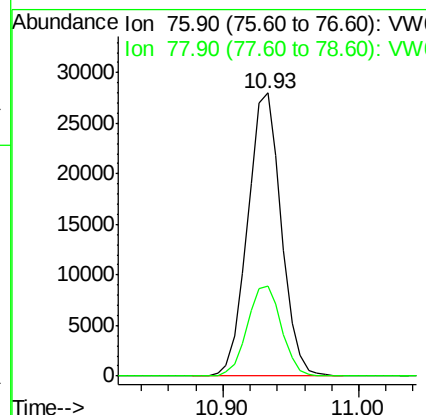
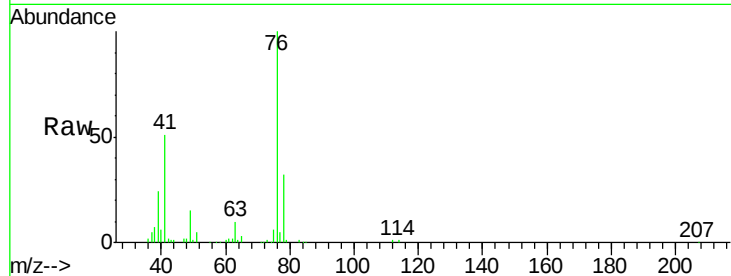
#57
 1,3-Dichloropropane
 Concen: 20.497 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion: 76 Resp: 48271
 Ion Ratio Lower Upper
 76 100
 78 32.4 26.2 39.4

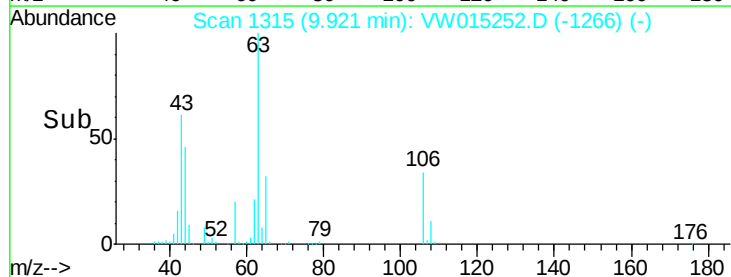
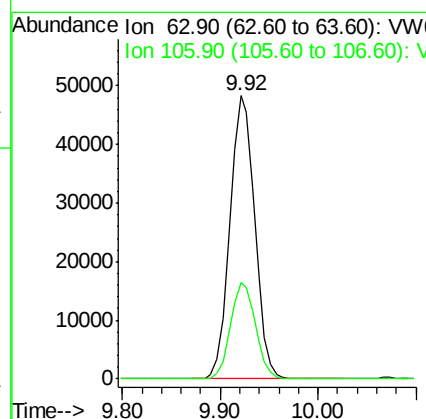
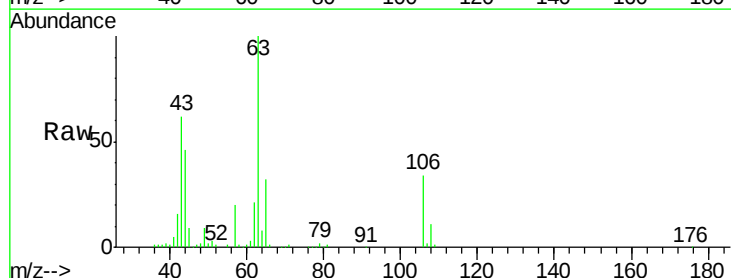
Manual Integrations
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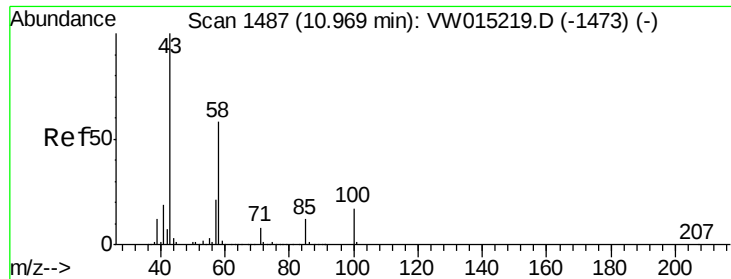
MMDadoda
 4/22/2020 11:42:22 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.887 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion: 63 Resp: 84816
 Ion Ratio Lower Upper
 63 100
 106 34.1 22.6 33.8#





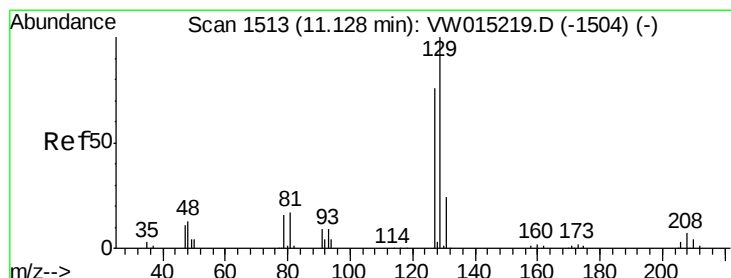
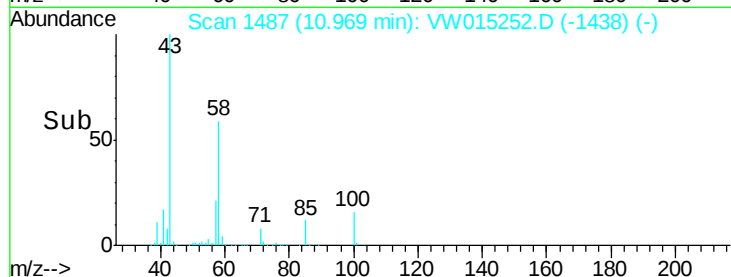
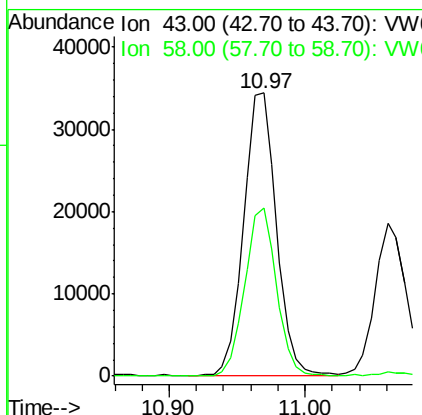
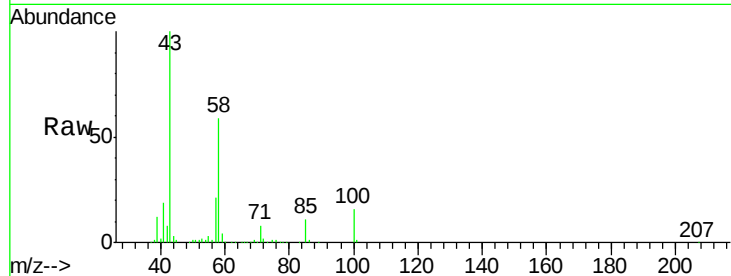
#59
2-Hexanone
Concen: 90.534 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion: 43 Resp: 58346
Ion Ratio Lower Upper
43 100
58 57.5 28.1 84.3

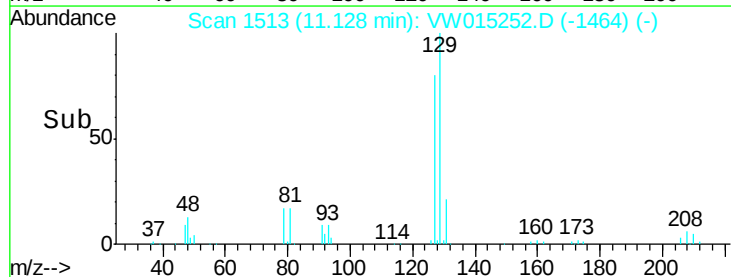
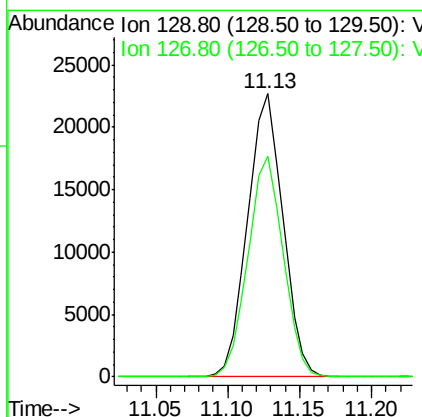
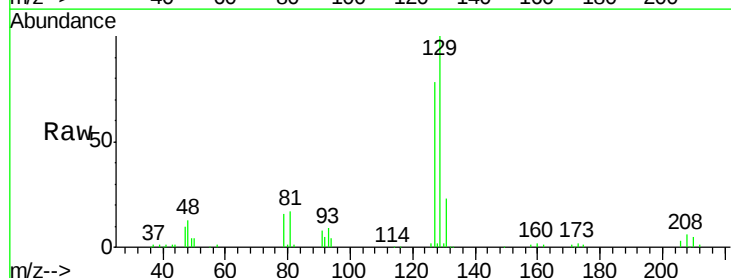
Manual Integrations
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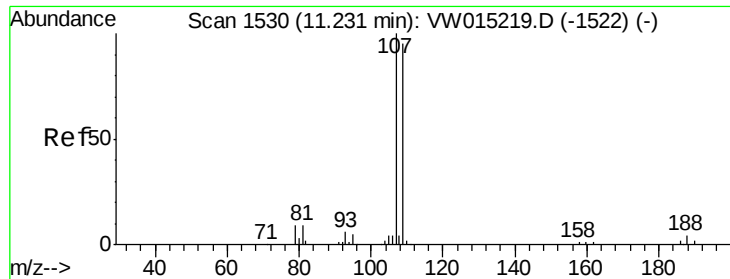
MMDadoda
4/22/2020 11:42:22 AM



#60
Dibromochloromethane
Concen: 20.546 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion: 129 Resp: 38568
Ion Ratio Lower Upper
129 100
127 77.8 38.3 114.8





#61

1,2-Dibromoethane

Concen: 20.016 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 107 Resp: 27768

Ion Ratio Lower Upper

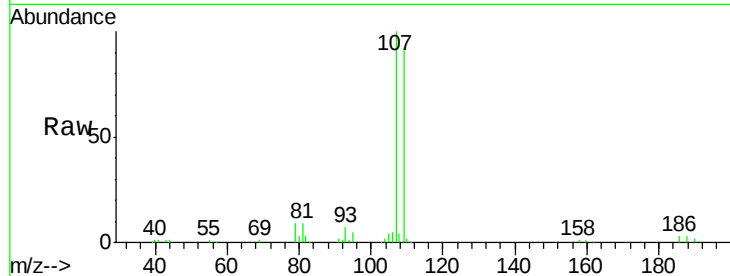
107 100

109 94.1 74.3 111.5

Manual Integrations
APPROVED

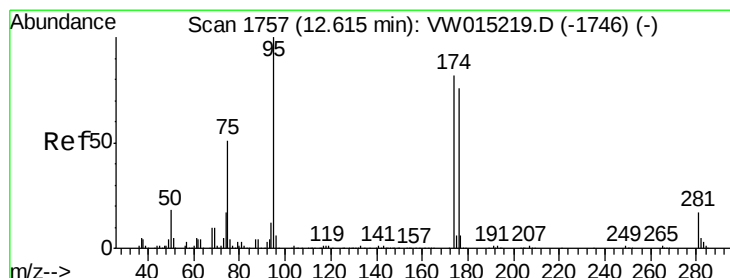
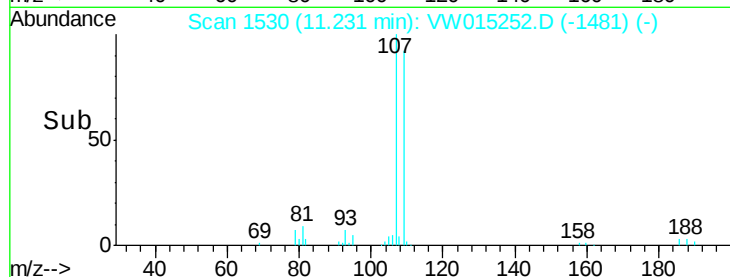
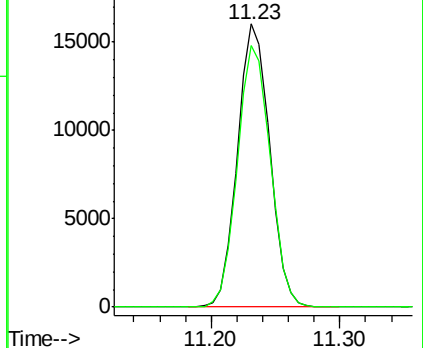
MMDadoda

4/22/2020 11:42:22 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.487 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

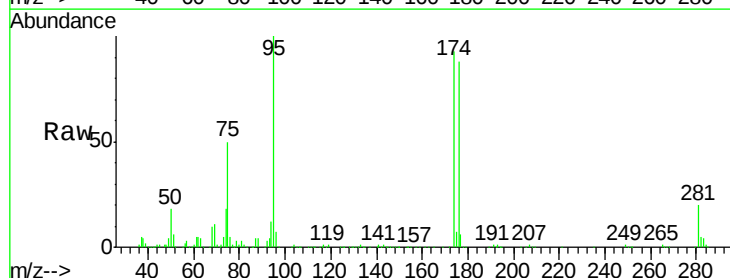
Tgt Ion: 95 Resp: 134950

Ion Ratio Lower Upper

95 100

174 91.3 0.0 144.4

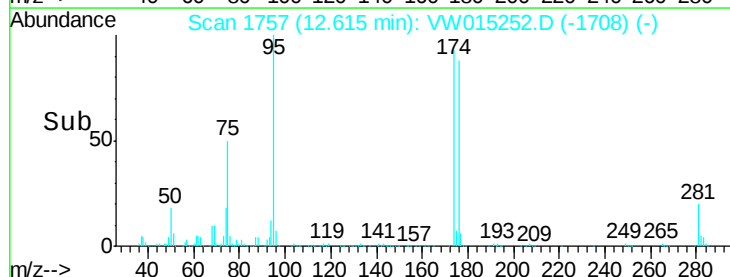
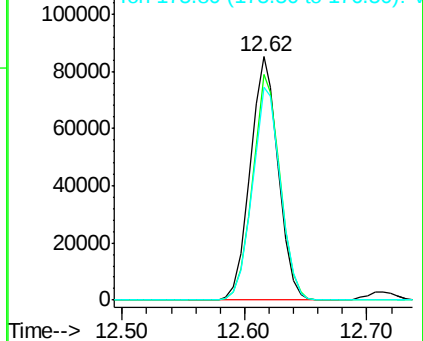
176 88.4 0.0 140.6

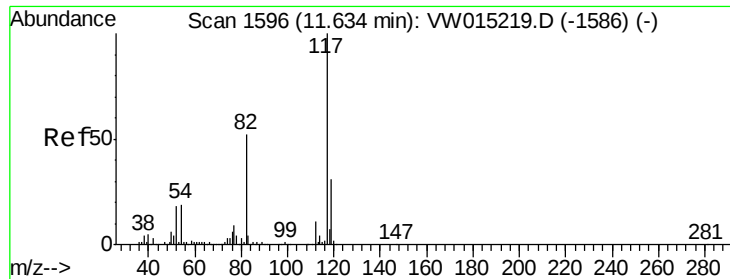


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





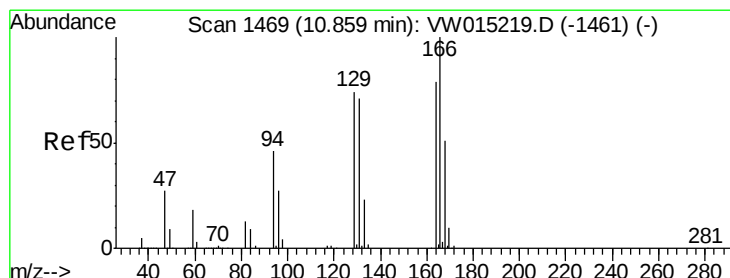
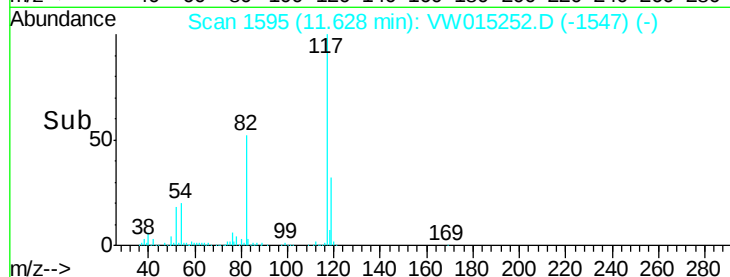
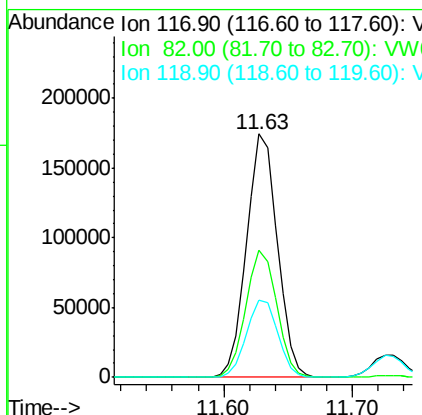
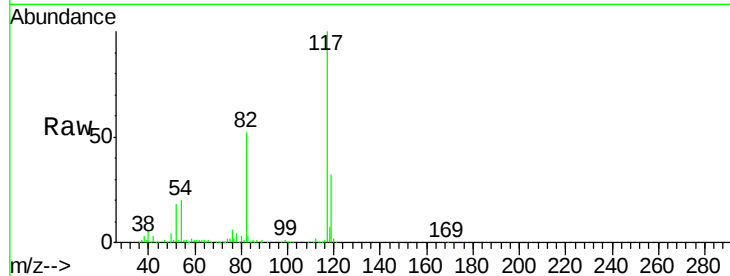
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	52.4	44.1	66.1
119	31.6	24.9	37.3

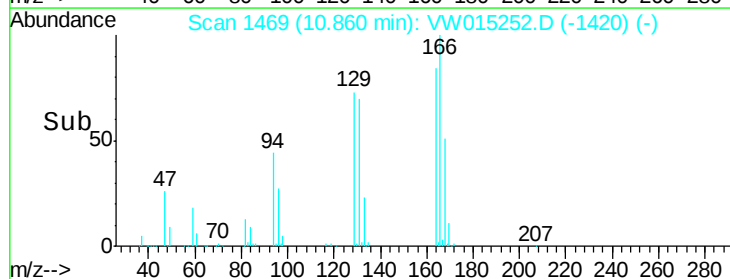
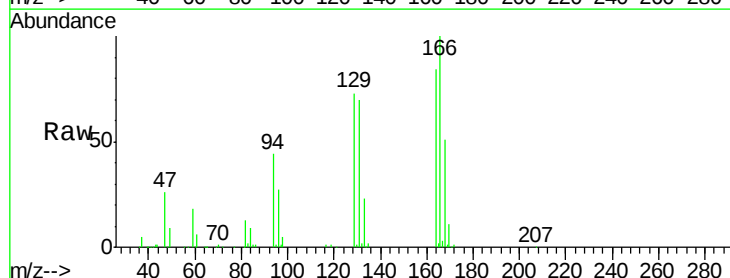
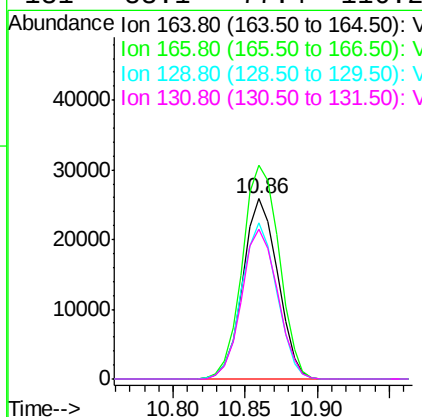
Manual Integrations
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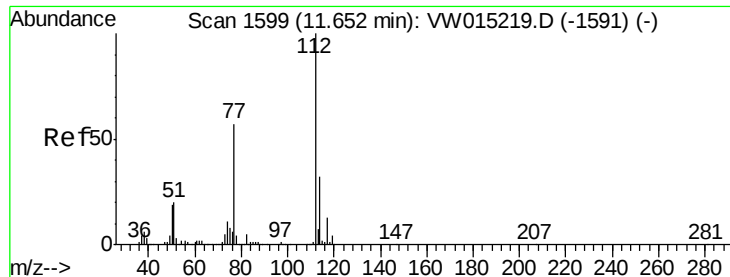
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#64
Tetrachloroethene
Concen: 21.181 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	118.6	102.6	154.0
129	86.7	80.2	120.2
131	83.1	77.4	116.2





#65

Chlorobenzene

Concen: 20.369 ug/l

RT: 11.65 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion:112 Resp: 114984

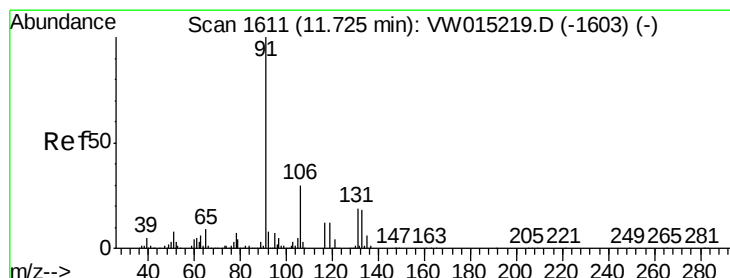
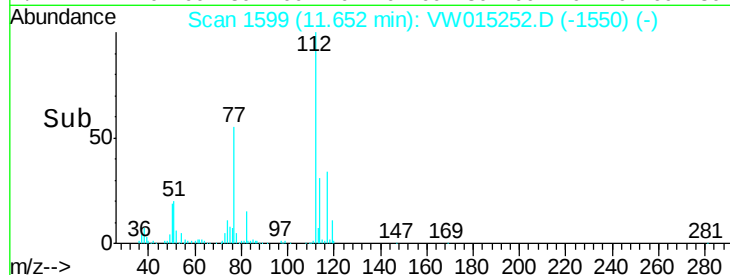
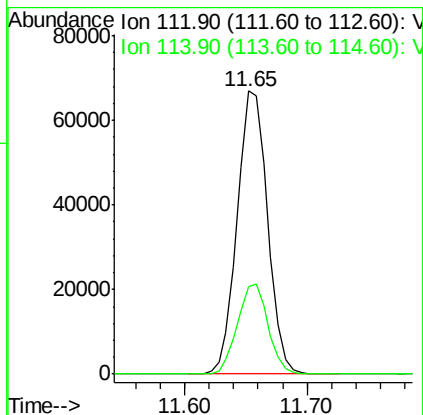
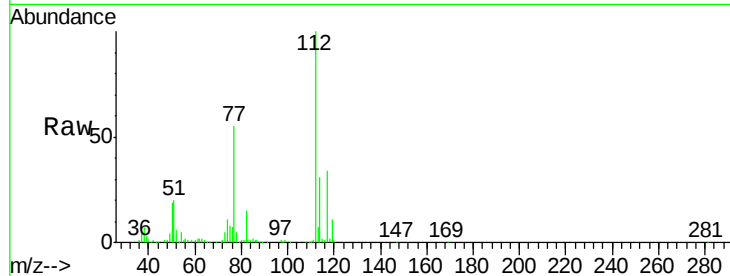
Ion Ratio Lower Upper

112 100

114 30.7 25.8 38.6

Manual Integrations
APPROVED

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4/22/2020 11:42:22 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.972 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

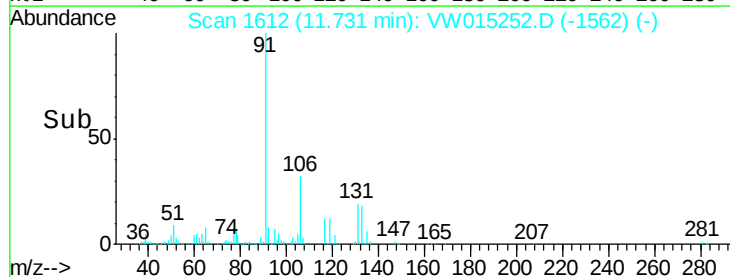
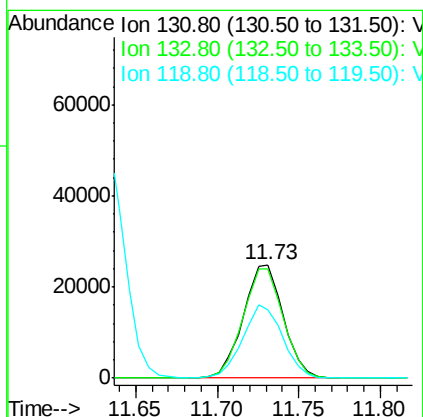
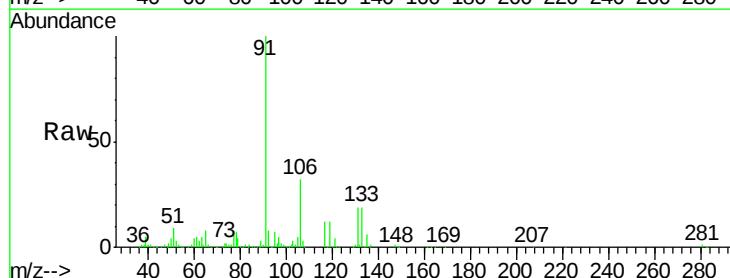
Tgt Ion:131 Resp: 42551

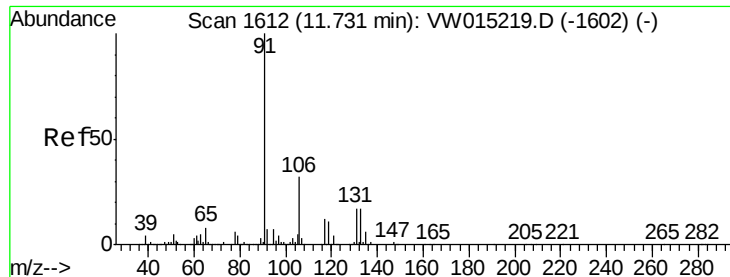
Ion Ratio Lower Upper

131 100

133 97.6 47.7 143.1

119 64.2 34.0 101.8





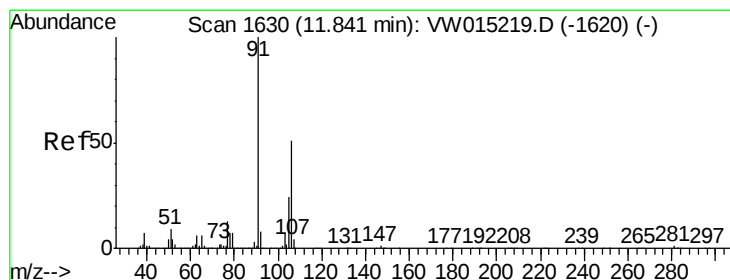
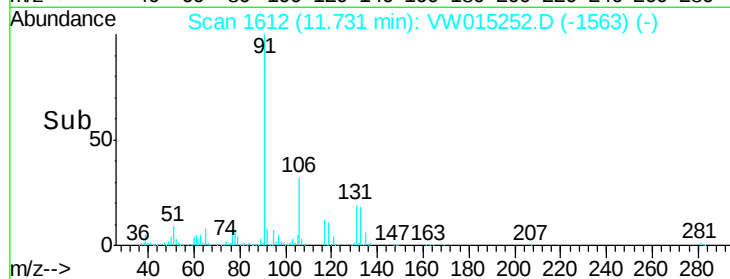
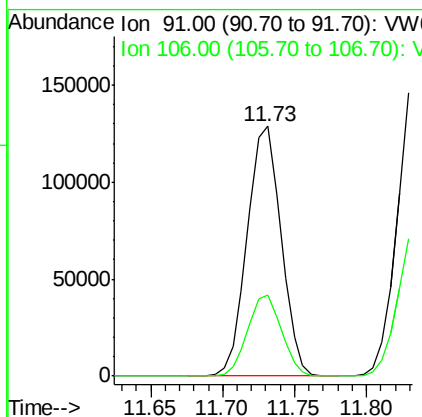
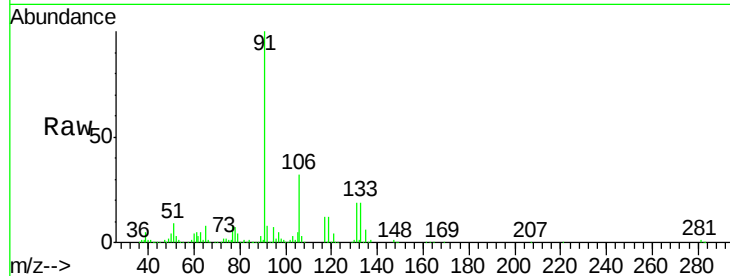
#67
Ethyl Benzene
Concen: 19.949 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
106	32.4	25.7	38.5	

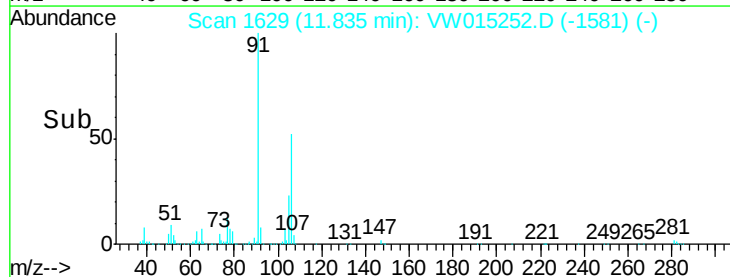
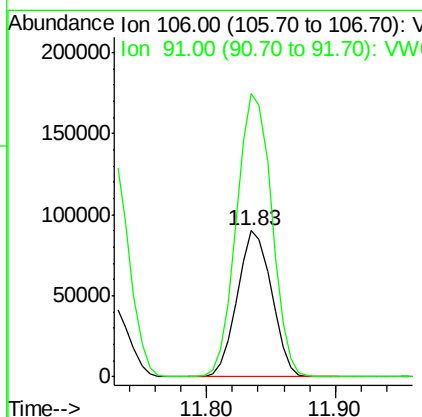
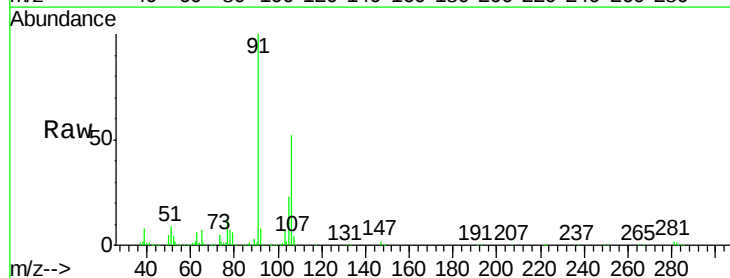
Manual Integrations
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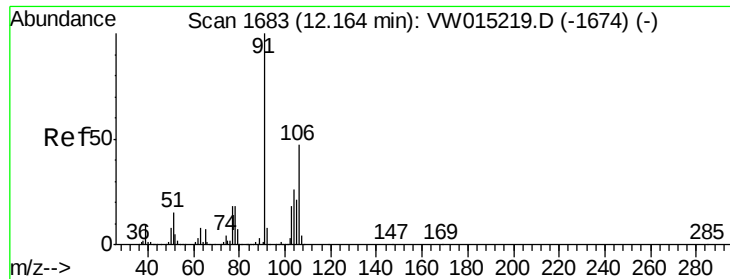
MMDadoda
4/22/2020 11:42:22 AM



#68
m/p-Xylenes
Concen: 40.459 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ion	Ratio	Lower	Upper
106	100			
91	198.9	160.0	240.0	





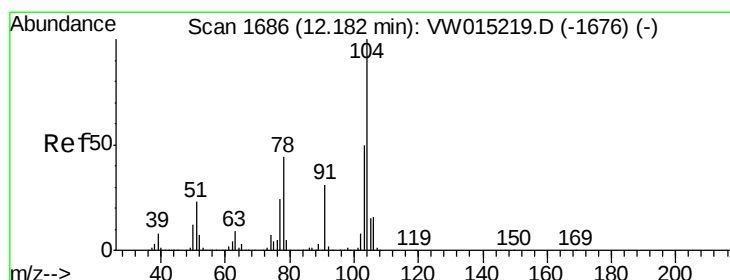
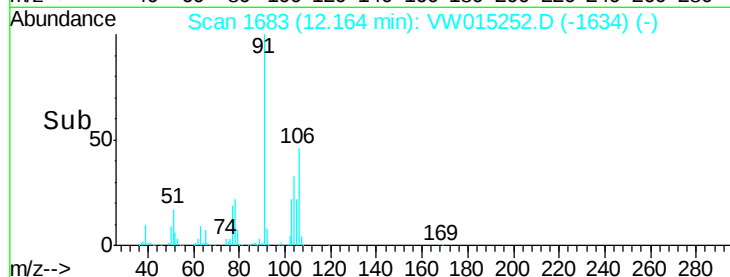
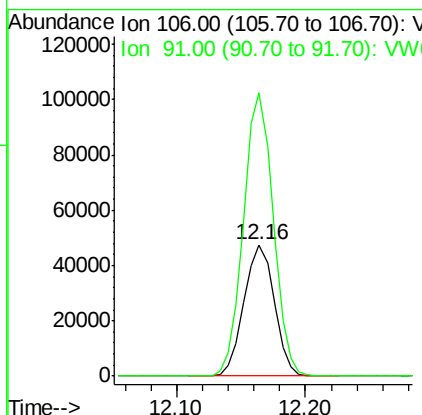
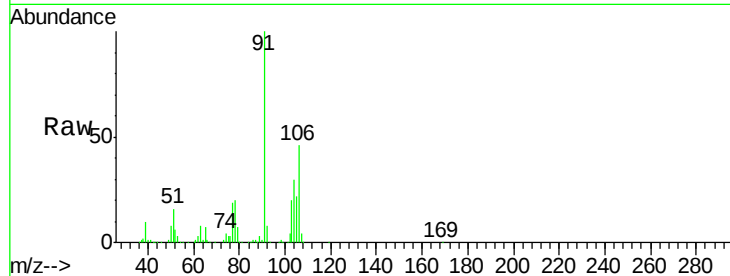
#69
o-Xylene
Concen: 20.064 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion:106 Resp: 77279
Ion Ratio Lower Upper
106 100
91 211.2 105.7 317.1

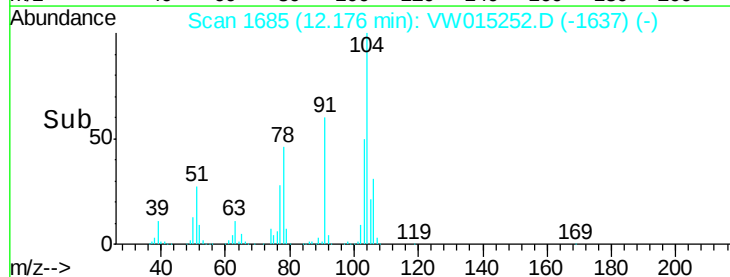
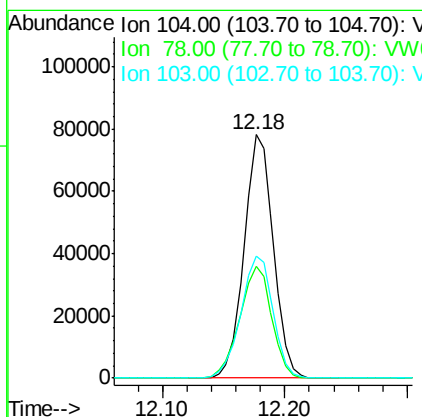
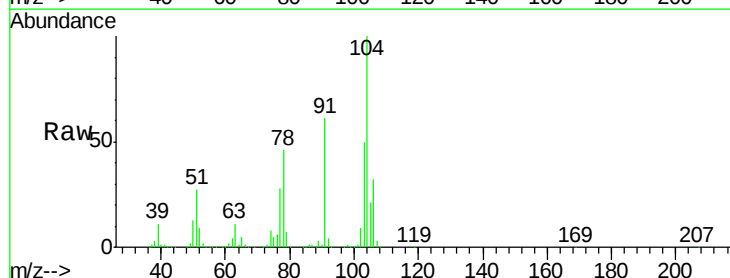
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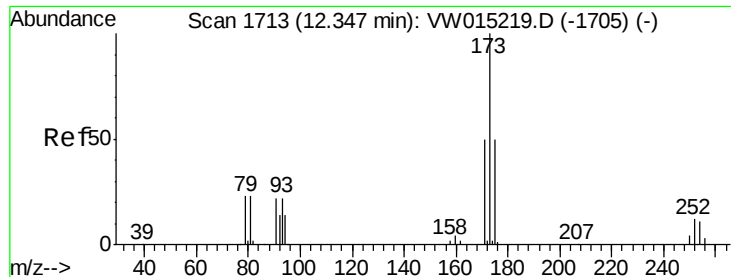
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#70
Styrene
Concen: 19.746 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion:104 Resp: 129644
Ion Ratio Lower Upper
104 100
78 49.9 39.8 59.6
103 54.9 43.8 65.6





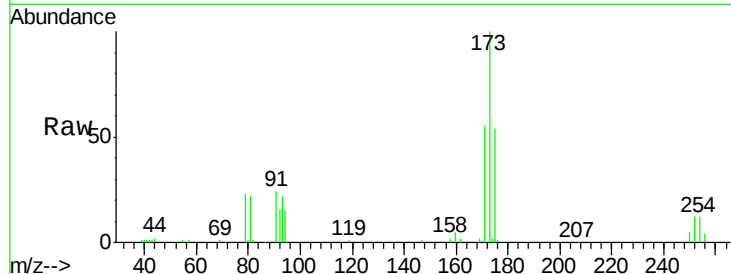
#71
Bromoform
Concen: 19.224 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

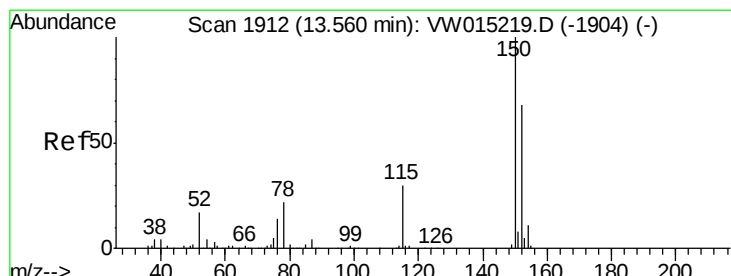
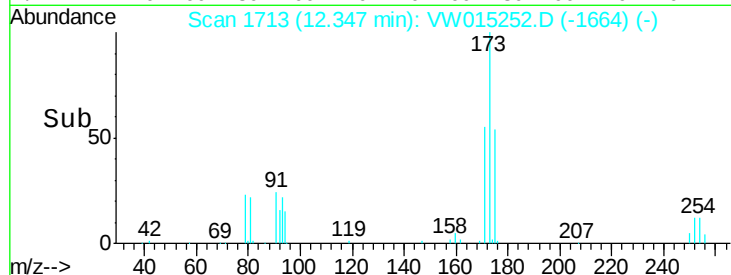
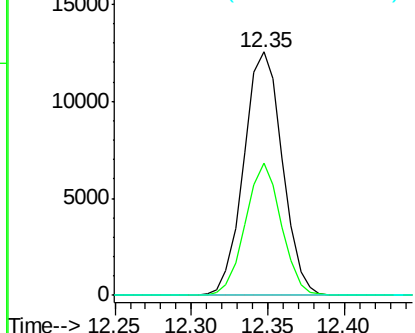
Tot Ion	Ratio	Lower	Upper
173	100		
175	50.4	25.1	75.4
254	0.0	0.1	0.1#

Manual Integrations
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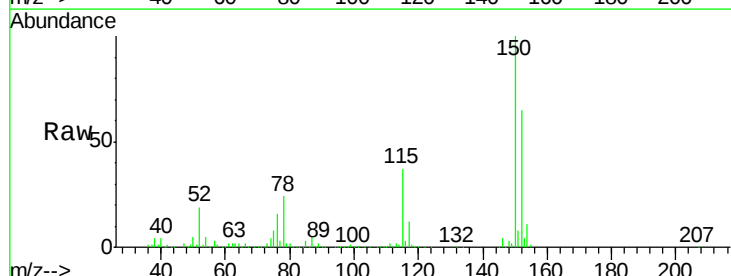


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

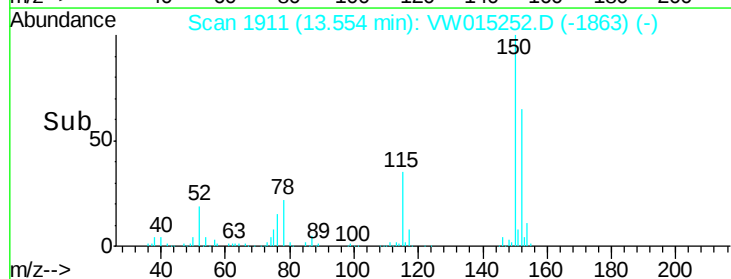
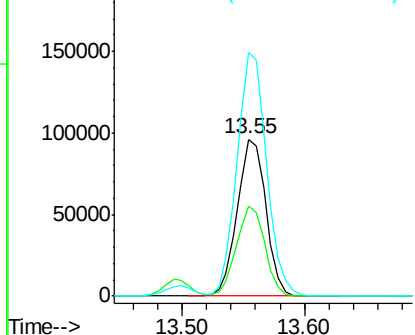


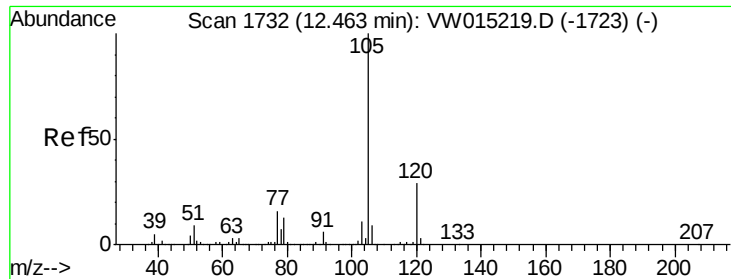
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	31.3	93.9
150	161.1	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: 19.871 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion:105 Resp: 213574

Ion Ratio Lower Upper

105 100

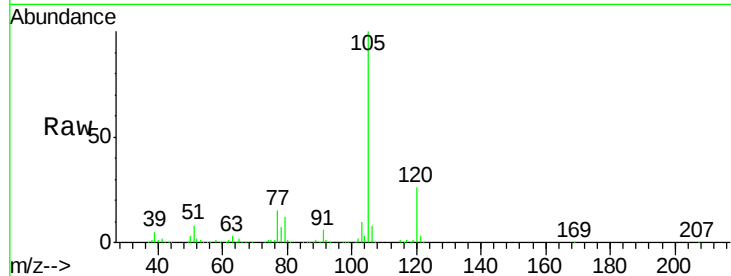
120 26.9 13.7 41.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

100000

50000

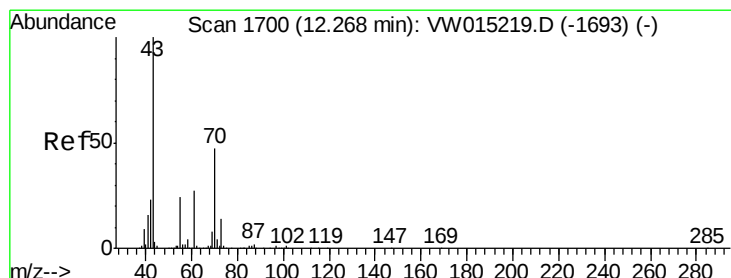
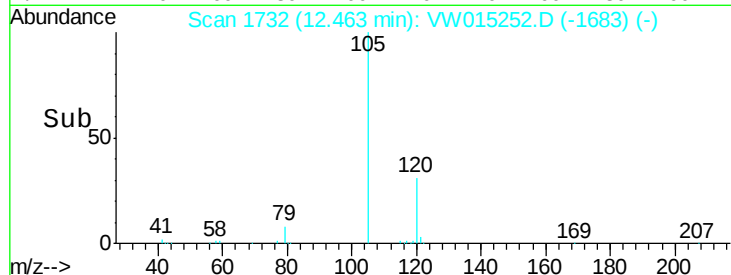
0

12.46

12.40

12.50

Time-->



#74

N-ethyl acetate

Concen: 18.516 ug/l

RT: 12.27 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion: 43 Resp: 34622

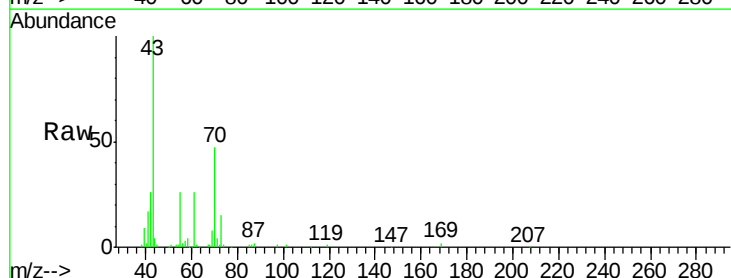
Ion Ratio Lower Upper

43 100

70 48.1 35.4 53.2

55 24.5 18.5 27.7

61 25.9 20.3 30.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW

30000

20000

10000

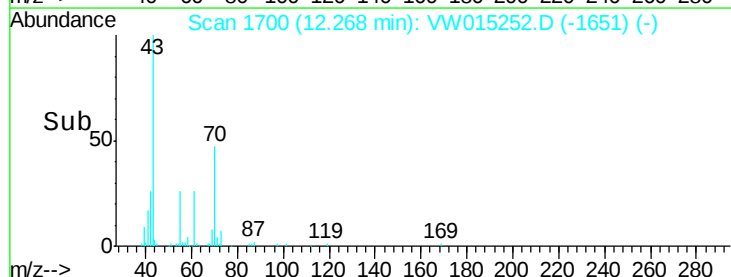
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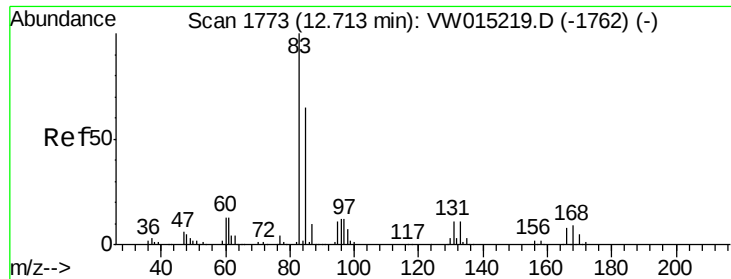
12.27

12.20

12.30

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.042 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

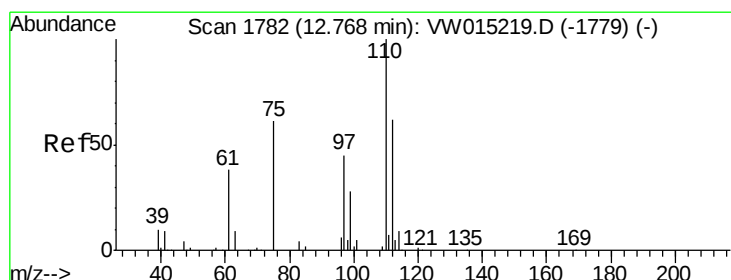
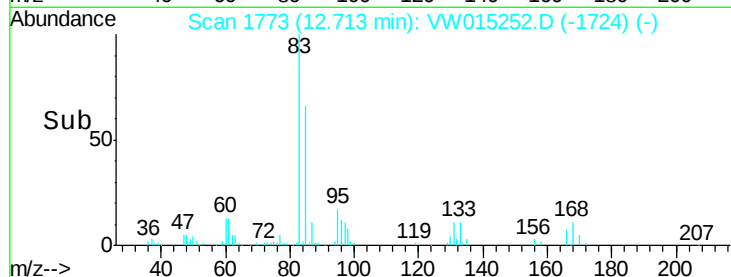
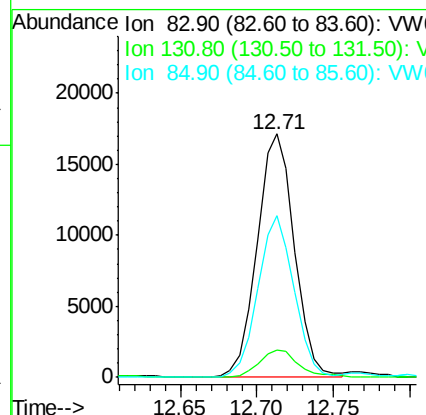
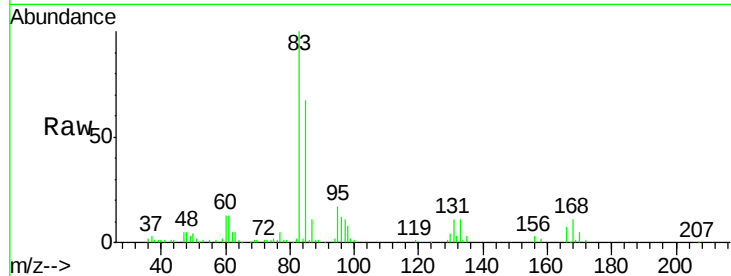
ClientSampleId :

VW0421SBS01

Tot Ion:	83	Resp:	29059
Ion Ratio	Lower	Upper	
83	100		
131	12.1	5.1	15.2
85	64.4	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.940 ug/l m

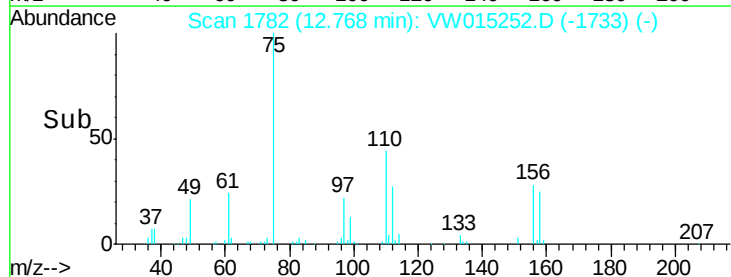
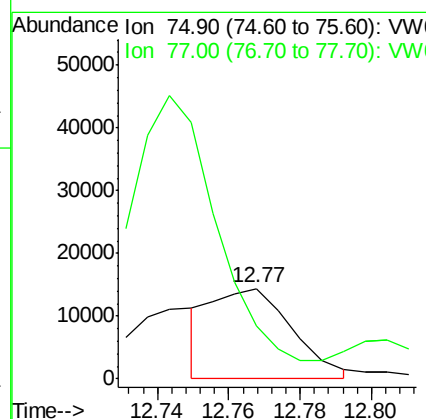
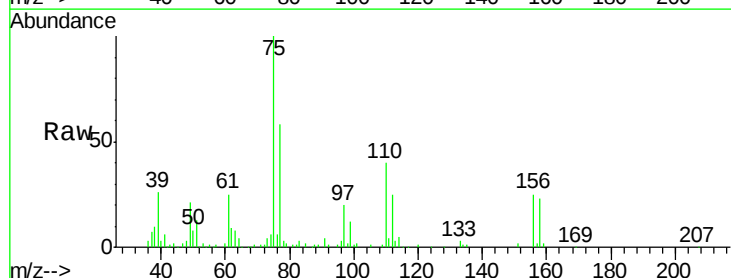
RT: 12.77 min Scan# 1782

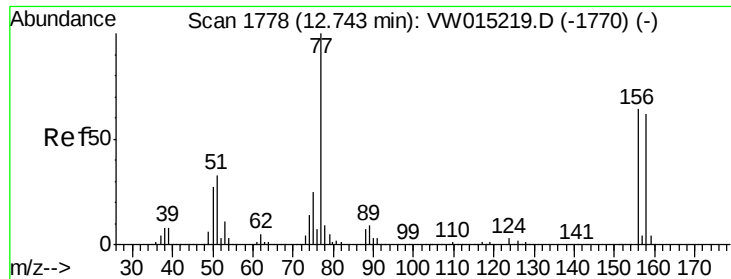
Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion:	75	Resp:	22713
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





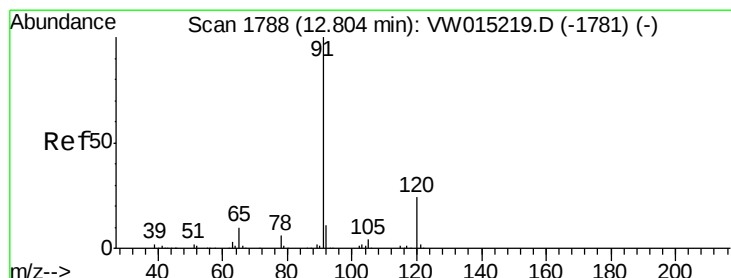
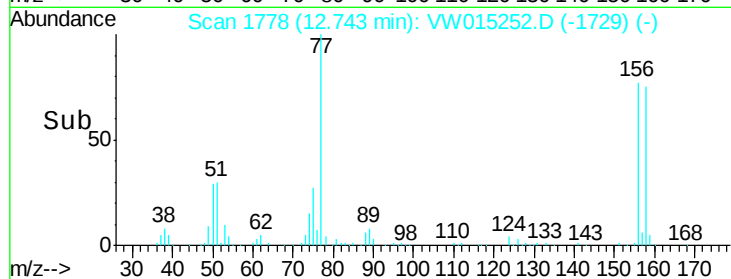
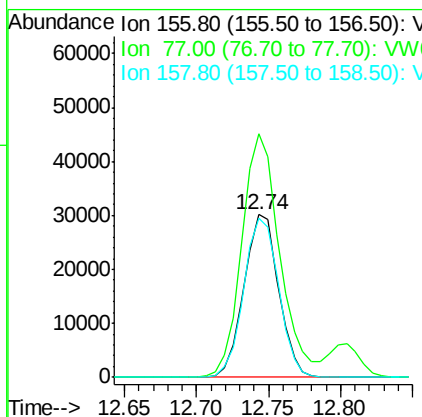
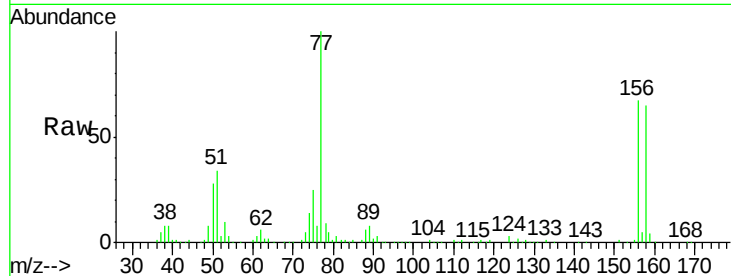
#77
Bromobenzene
Concen: 20.339 ug/l
RT: 12.74 min Scan# 1778
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.5	100.5	301.5
158	98.3	47.9	143.8

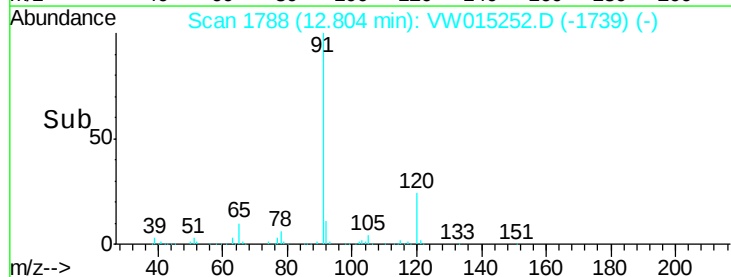
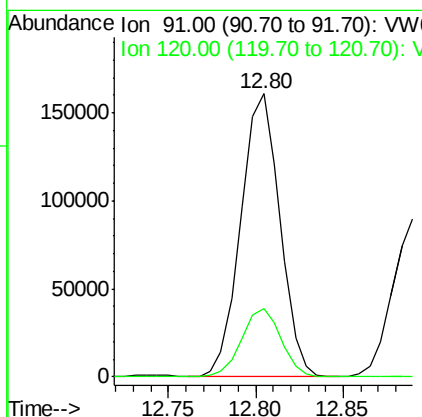
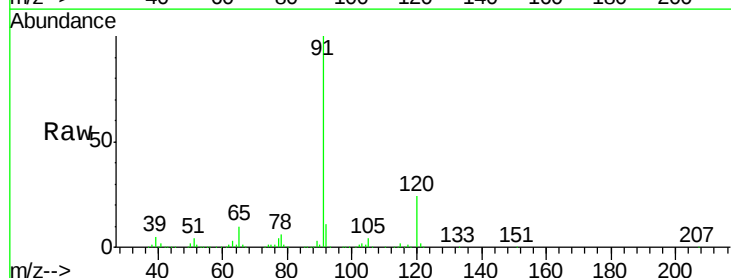
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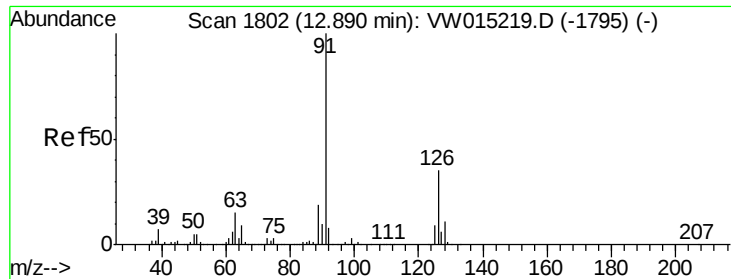
MMDadoda
4/22/2020 11:42:22 AM



#78
n-propylbenzene
Concen: 19.957 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.4	11.4	34.1





#79

2-Chlorotoluene

Concen: 20.170 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion: 91 Resp: 142250

Ion Ratio Lower Upper

91 100

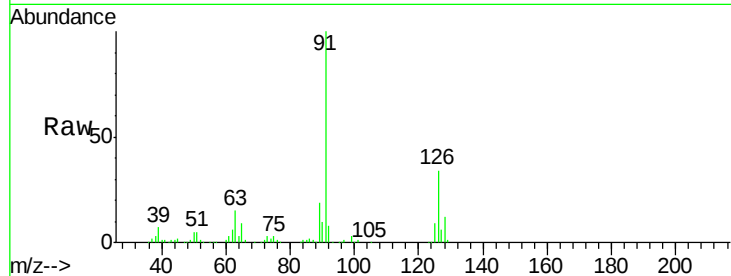
126 35.2 16.8 50.4

Manual Integrations

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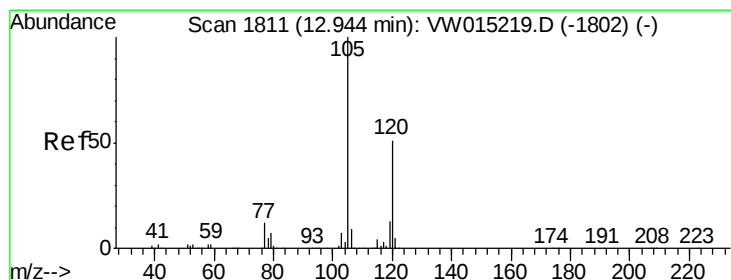
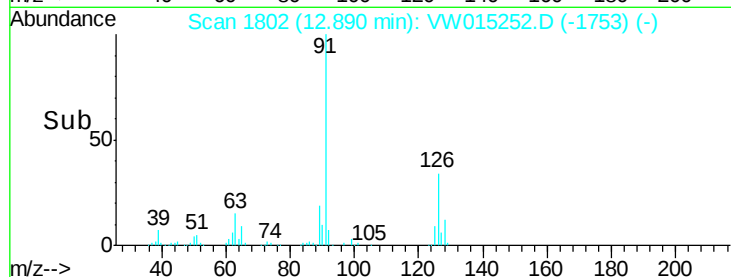
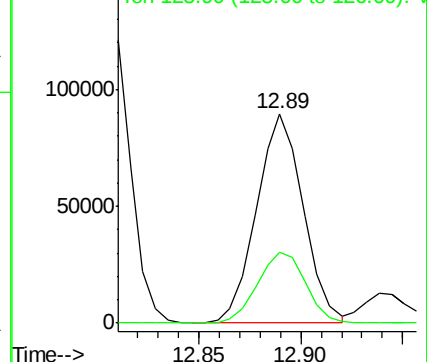
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.078 ug/l

RT: 12.94 min Scan# 1810

Delta R.T. -0.01 min

Lab File: VW015252.D

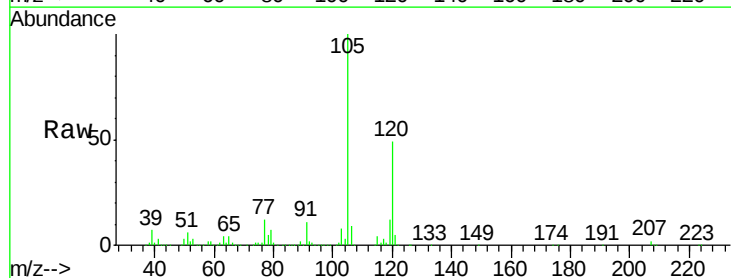
Acq: 21 Apr 2020 10:55

Tgt Ion:105 Resp: 185895

Ion Ratio Lower Upper

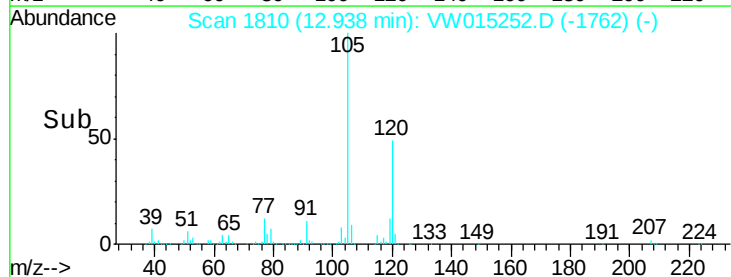
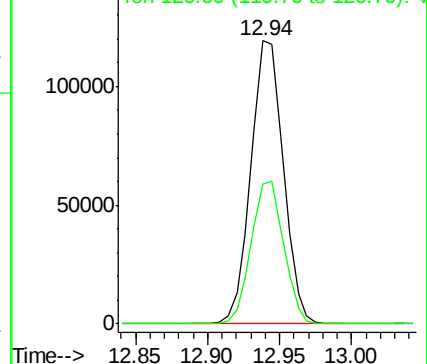
105 100

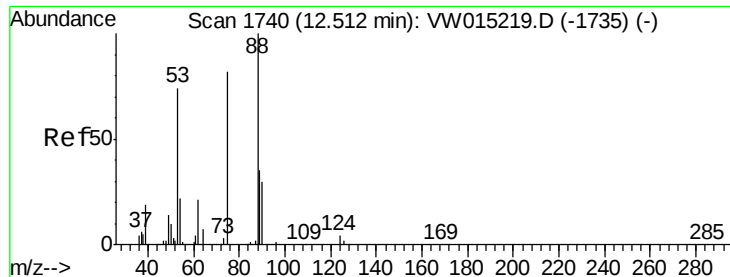
120 50.5 24.9 74.8



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: 18.784 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

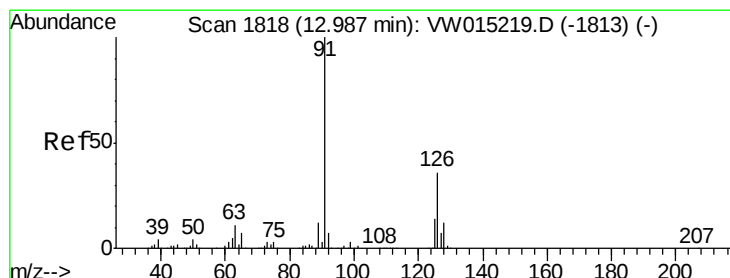
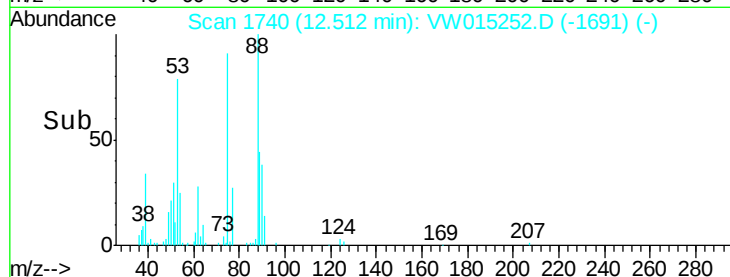
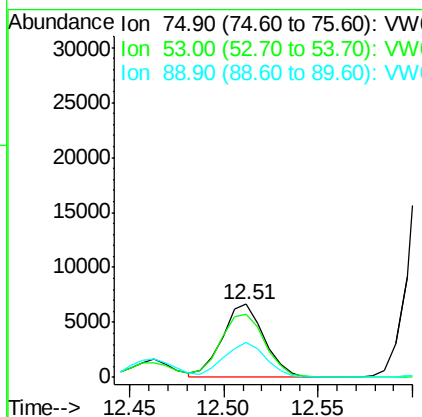
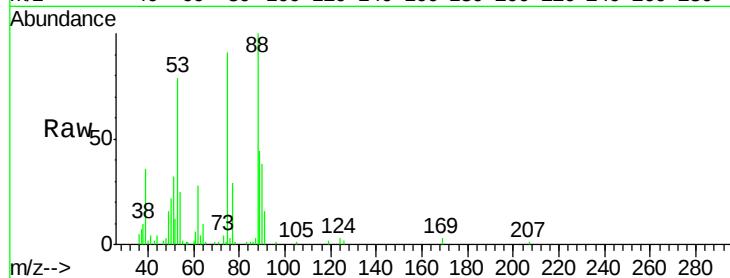
ClientSampleId :

VW0421SBS01

Tot Ion:	75	Resp:	10305
Ion	Ratio	Lower	Upper
75	100		
53	92.7	69.4	104.2
89	46.6	34.8	52.2

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#82

4-Chlorotoluene

Concen: 19.808 ug/l

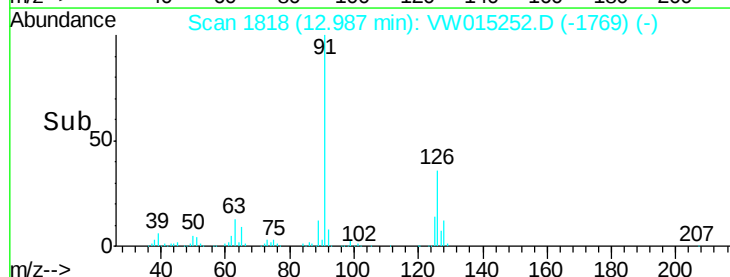
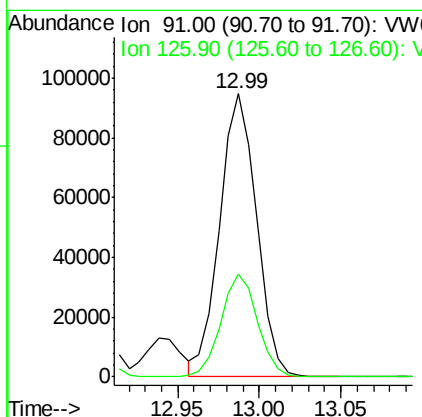
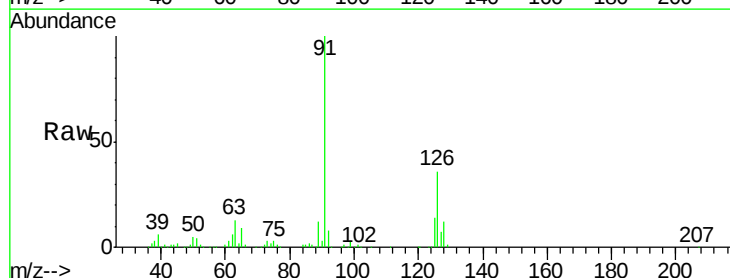
RT: 12.99 min Scan# 1818

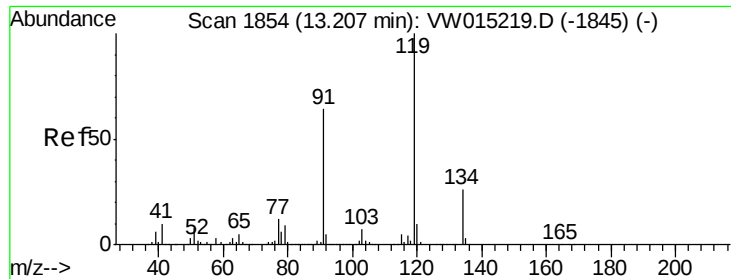
Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Tgt Ion:	91	Resp:	148319
Ion	Ratio	Lower	Upper
91	100		
126	35.9	16.8	50.3





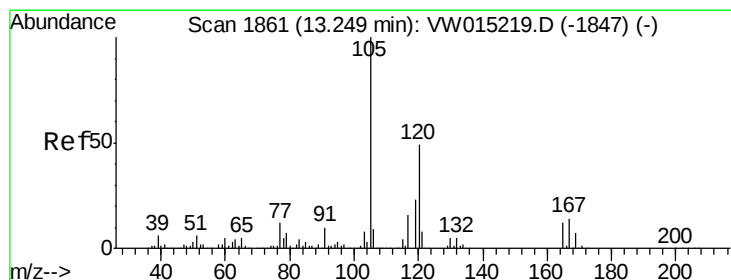
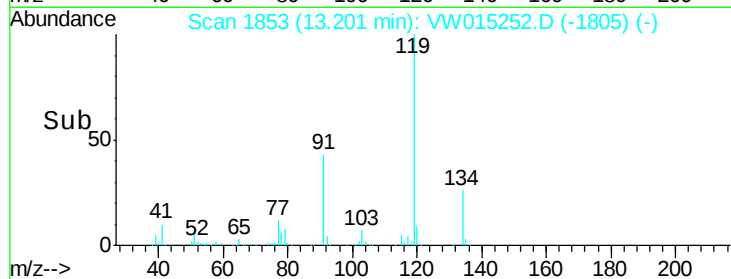
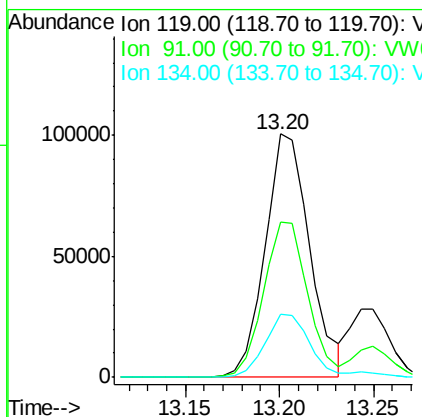
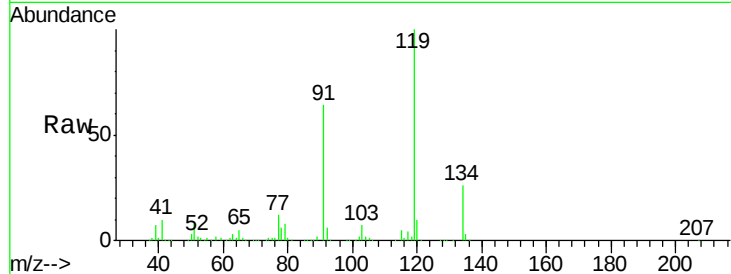
#83
tert-Butylbenzene
Concen: 20.366 ug/l
RT: 13.20 min Scan# 1853
Delta R.T. -0.01 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	164808		
91	63.3	32.8	98.3	
134	26.0	13.3	39.9	

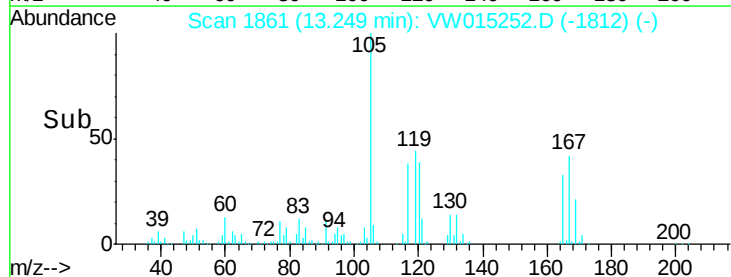
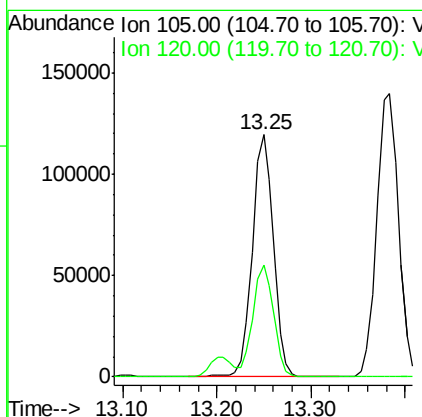
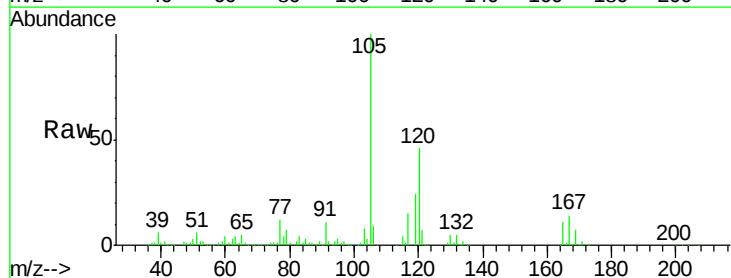
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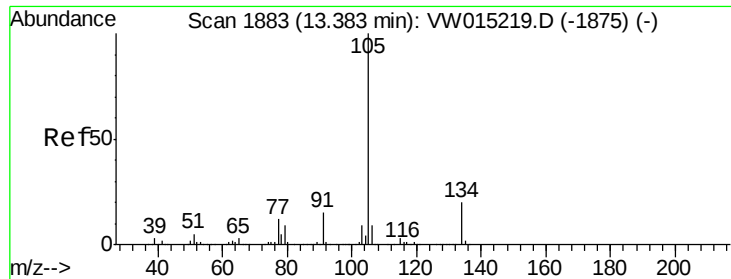
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#84
1,2,4-Trimethylbenzene
Concen: 20.320 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185561		
120	46.0	23.0	69.0	





#85

sec-Butylbenzene

Concen: 19.992 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

Instrument :

MSVOA_W

ClientSampleId :

VW0421SBS01

Tot Ion:105 Resp: 223431

Ion Ratio Lower Upper

105 100

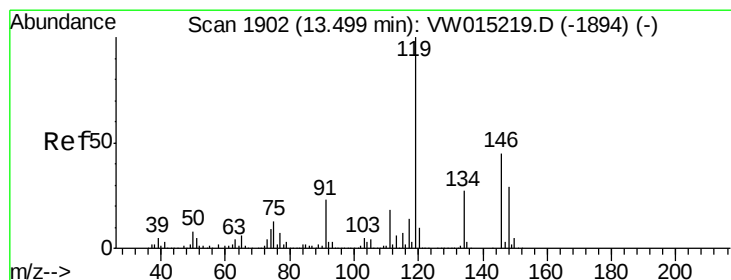
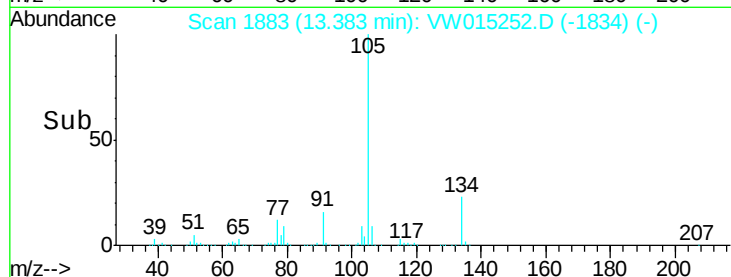
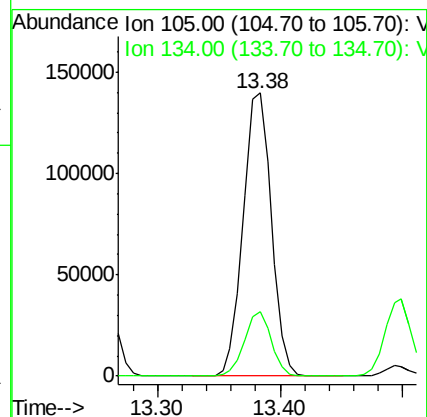
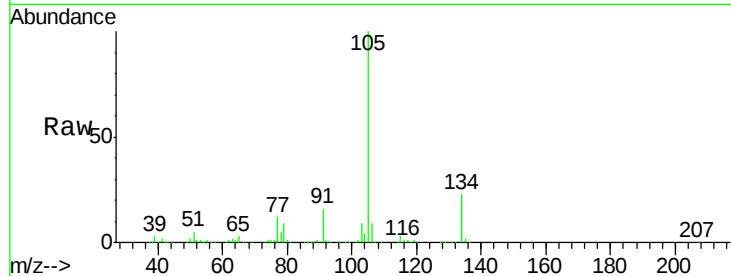
134 21.7 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 20.177 ug/l

RT: 13.49 min Scan# 1901

Delta R.T. -0.01 min

Lab File: VW015252.D

Acq: 21 Apr 2020 10:55

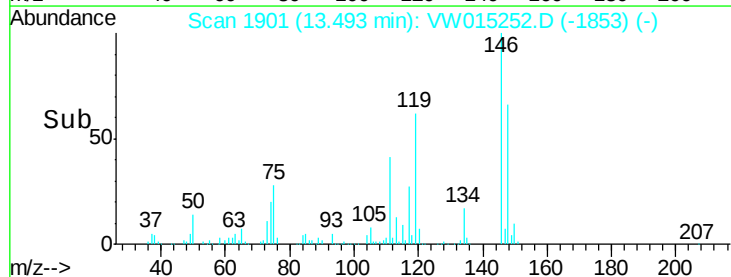
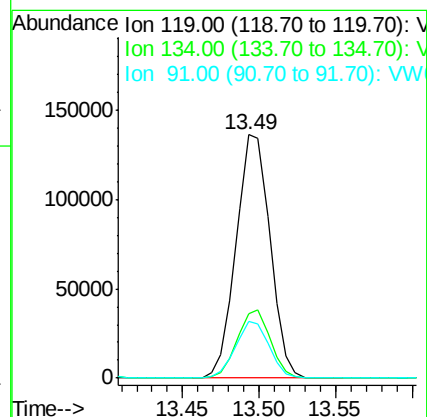
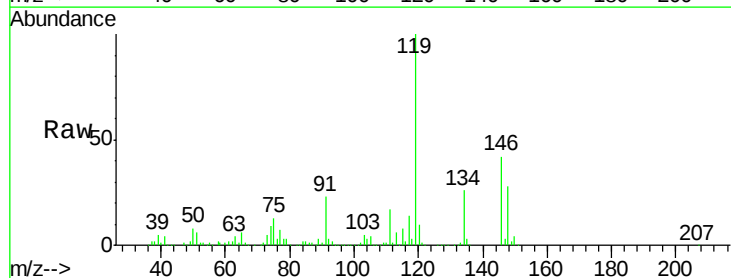
Tgt Ion:119 Resp: 209525

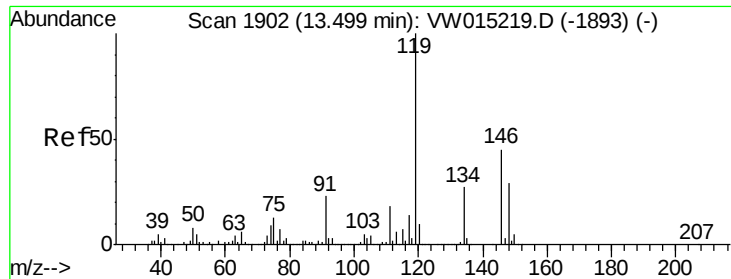
Ion Ratio Lower Upper

119 100

134 27.4 13.3 39.9

91 22.8 12.0 36.1





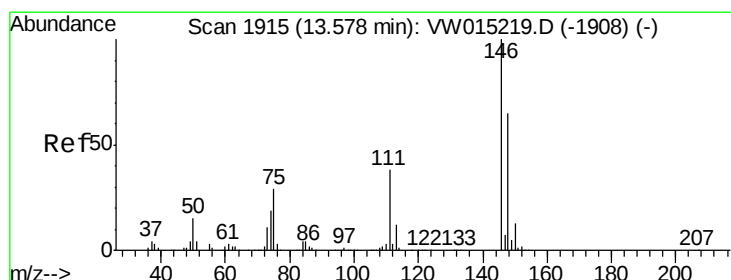
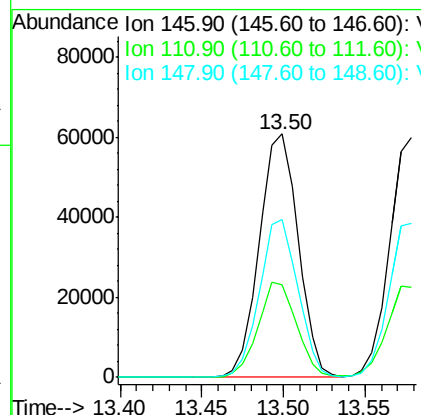
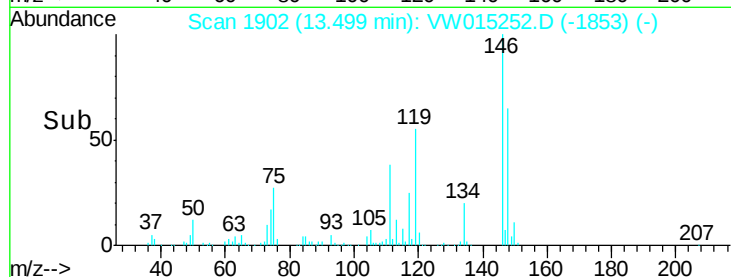
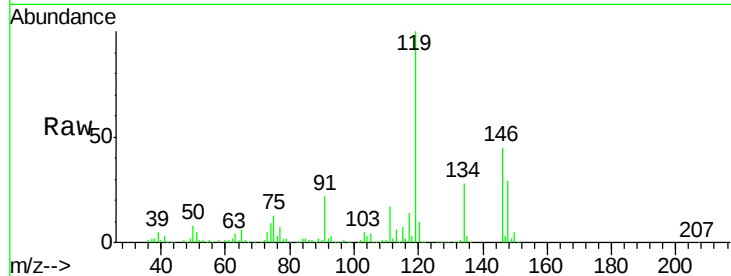
#87
 1,3-Dichlorobenzene
 Concen: 20.507 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	100616		
111	38.6		21.1	63.4
148	64.5		31.8	95.3

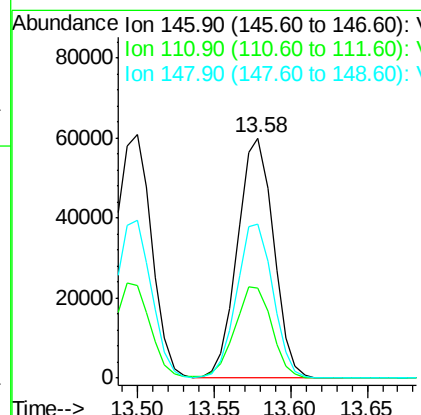
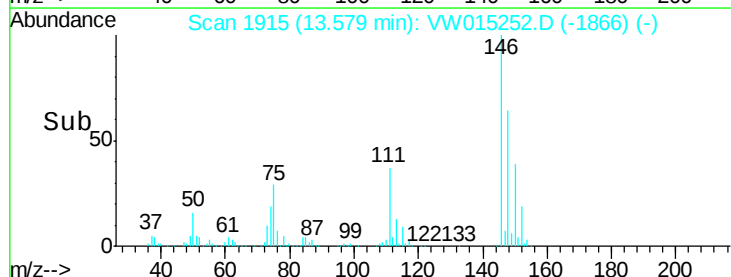
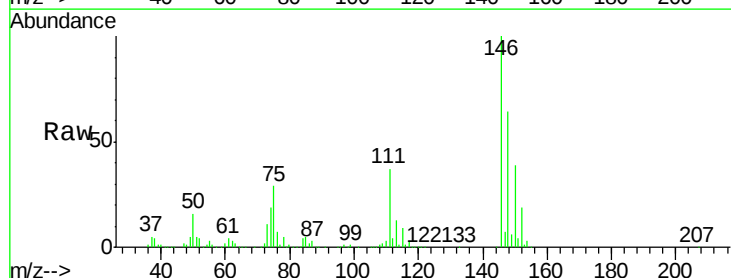
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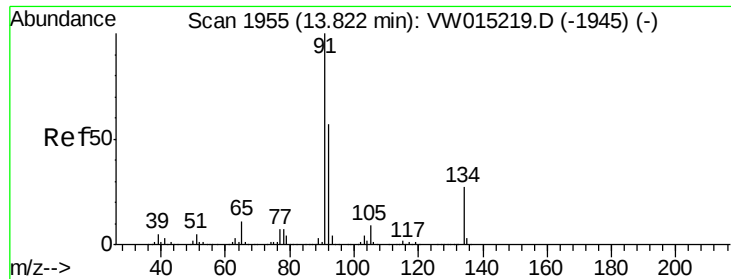
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#88
 1,4-Dichlorobenzene
 Concen: 20.446 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	98336		
111	39.3		20.4	61.3
148	64.7		31.5	94.5





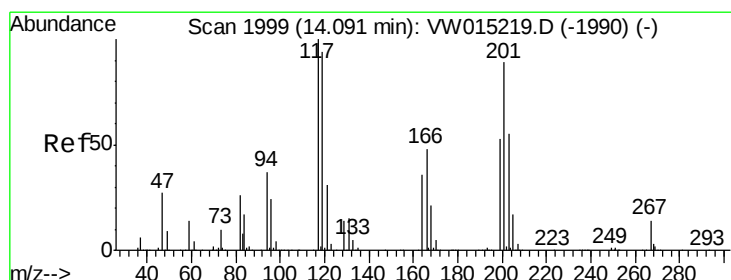
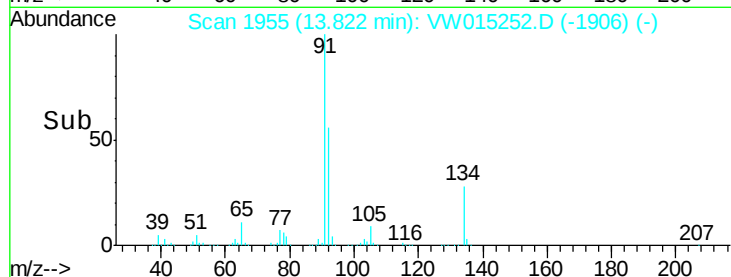
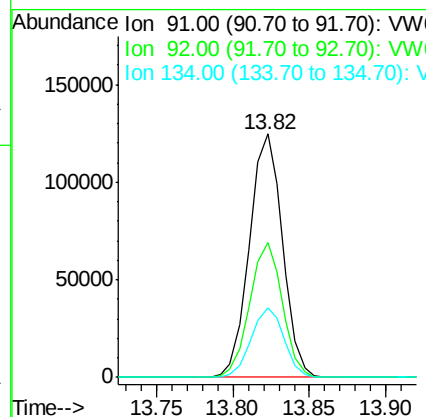
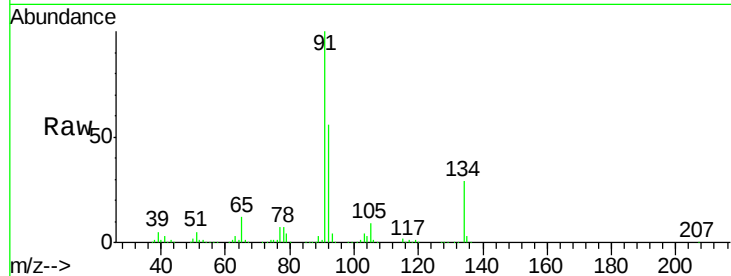
#89
n-Butylbenzene
Concen: 19.773 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.6	82.7
134	28.4	12.8	38.3

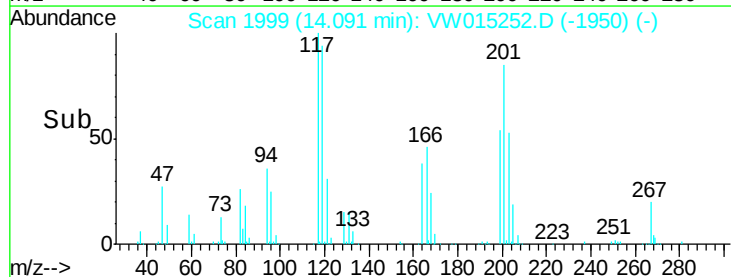
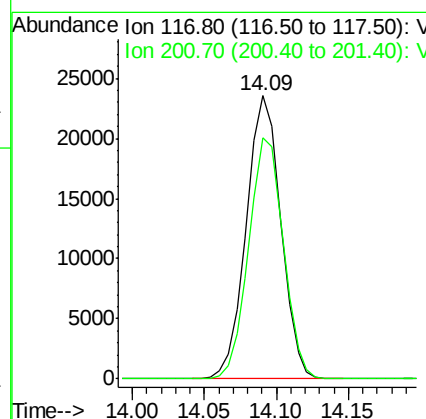
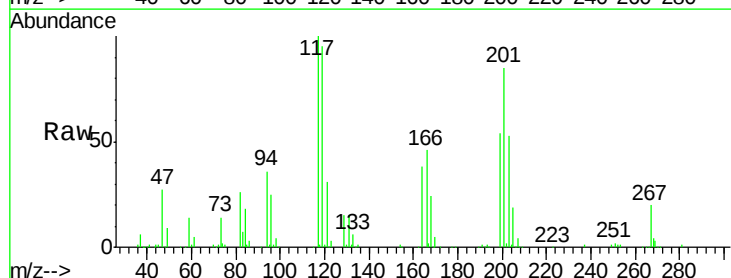
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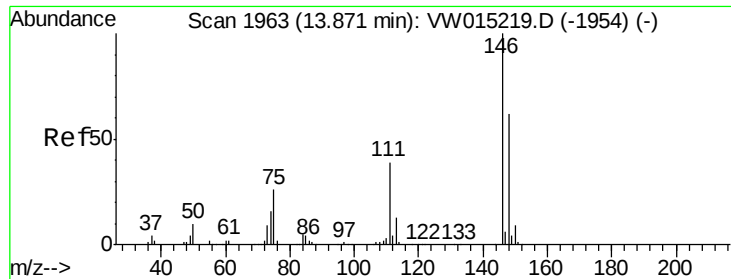
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#90
Hexachloroethane
Concen: 20.505 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.3	33.6	100.6





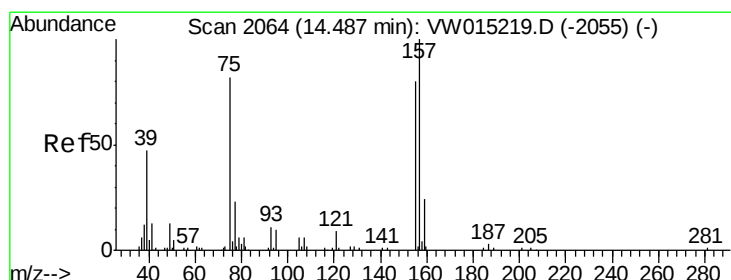
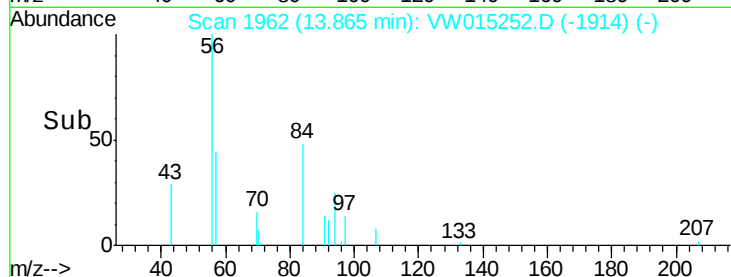
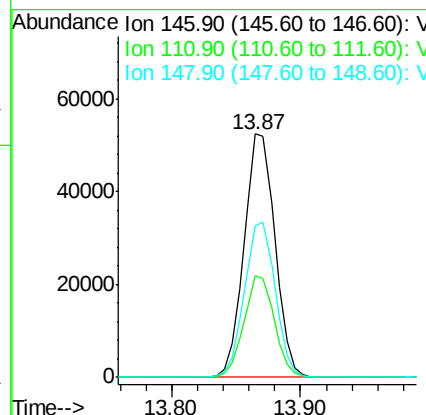
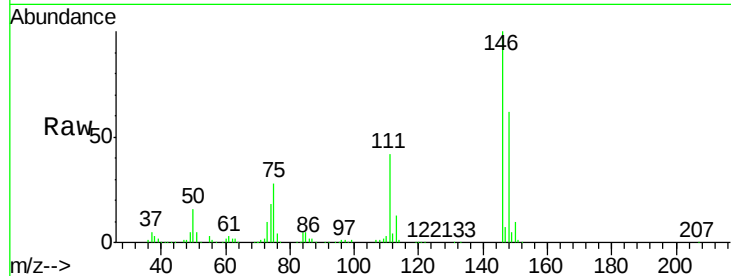
#91
 1,2-Dichlorobenzene
 Concen: 20.365 ug/l
 RT: 13.87 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	21.6	65.0
148	63.6	31.0	93.0

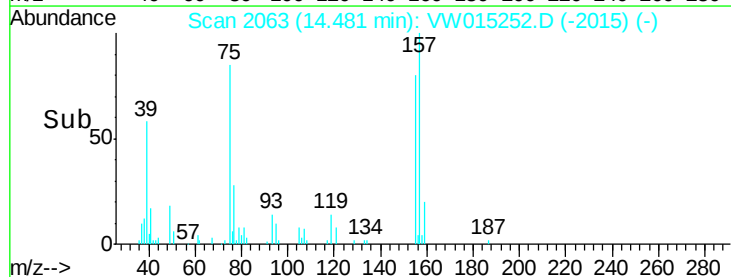
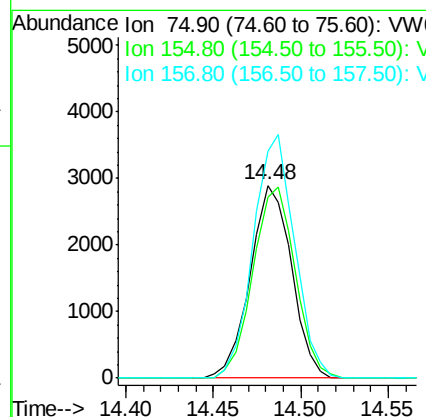
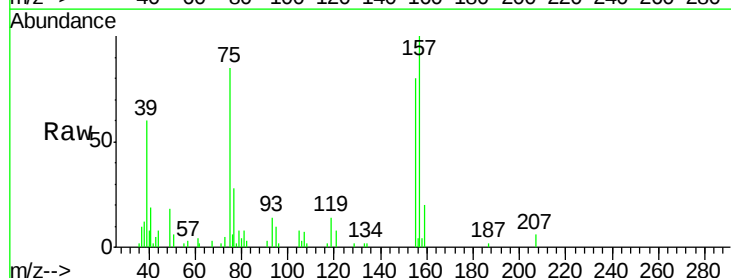
Manual Integrations
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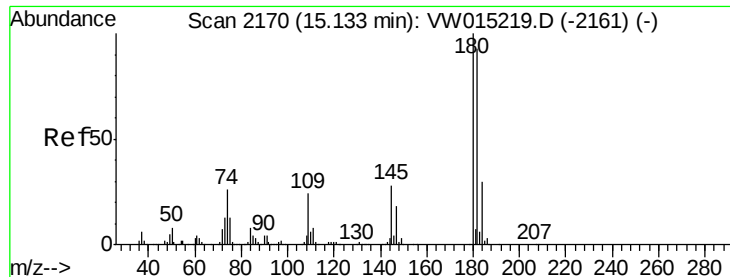
MMDadoda
 4/22/2020 11:42:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.233 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.01 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	41.6	124.9
157	125.6	53.8	161.2





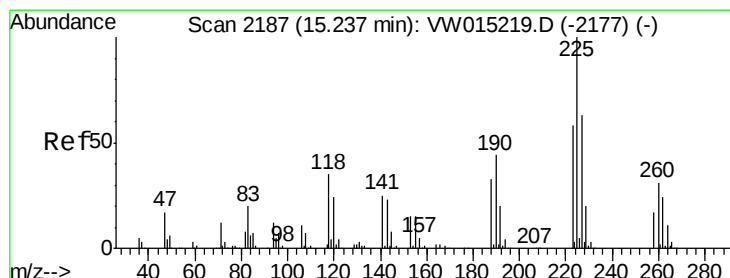
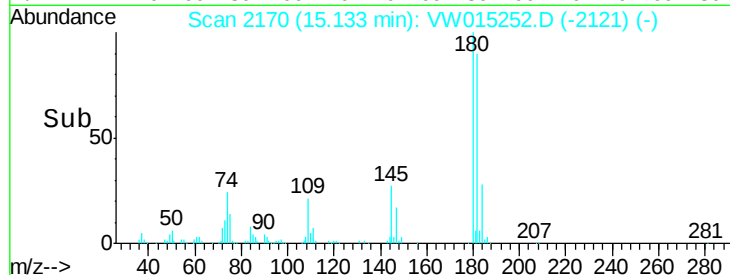
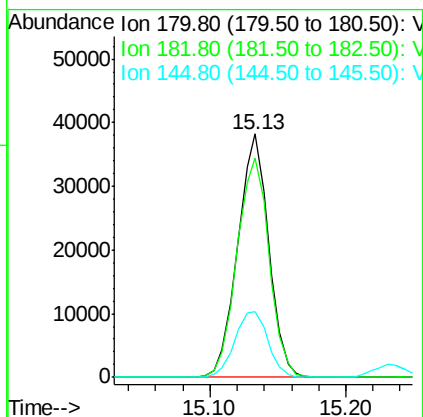
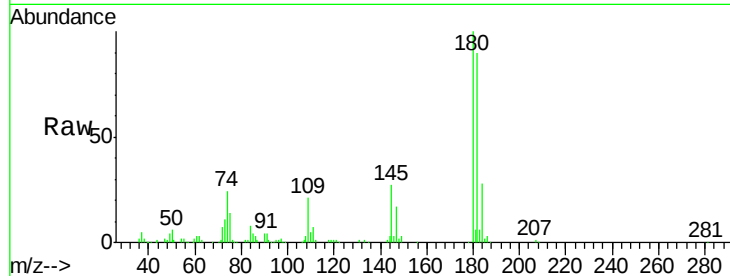
#93
 1,2,4-Trichlorobenzene
 Concen: 20.443 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. 0.00 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0421SBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.1	141.4
145	29.1	16.2	48.6

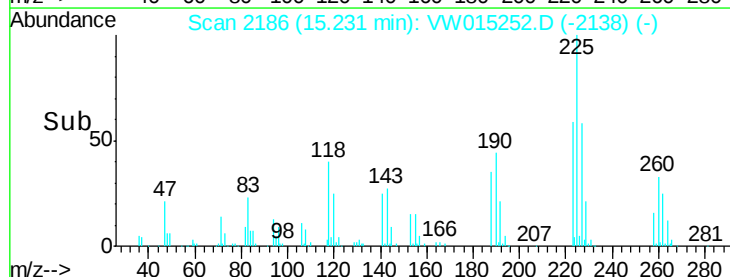
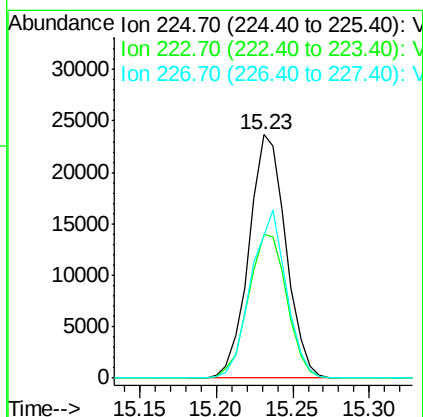
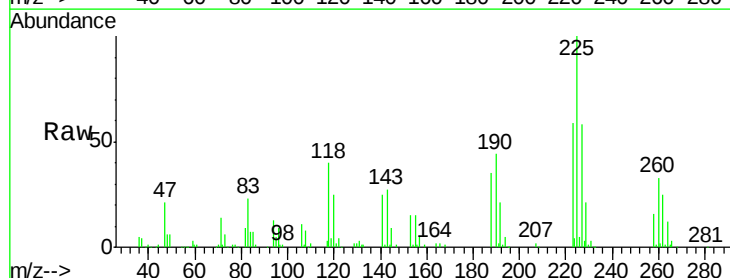
Manual Integrations
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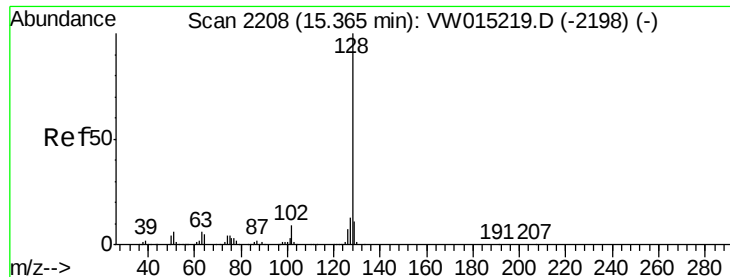
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 4/22/2020 11:42:22 AM



#94
 Hexachlorobutadiene
 Concen: 20.051 ug/l
 RT: 15.23 min Scan# 2186
 Delta R.T. -0.01 min
 Lab File: VW015252.D
 Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.0	93.0
227	66.1	30.8	92.3





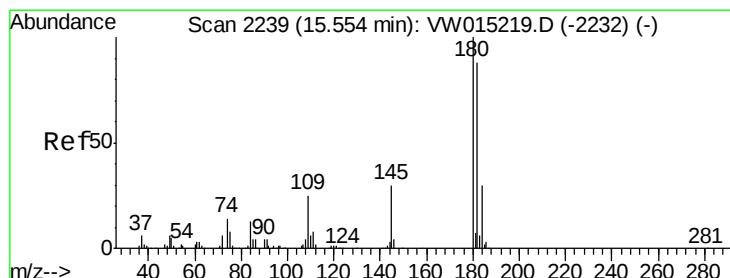
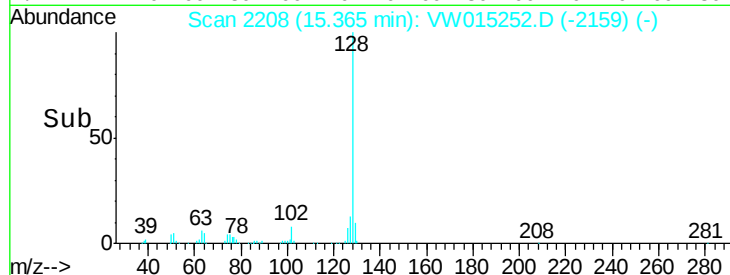
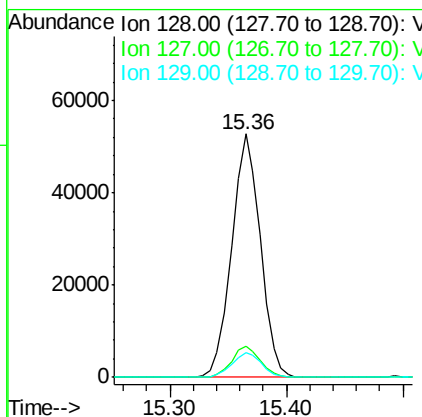
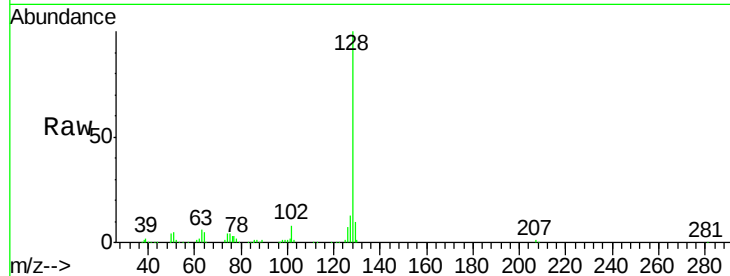
#95
Naphthalene
Concen: 18.903 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Instrument :
MSVOA_W
ClientSampleId :
VW0421SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.5	8.6	12.8

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.883 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. 0.00 min
Lab File: VW015252.D
Acq: 21 Apr 2020 10:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.8	146.3
145	31.7	17.2	51.6

