

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100419\
 Data File : VW013433.D
 Acq On : 04 Oct 2019 12:43
 Operator : SY/VA
 Sample : VW1004SBS01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 11:48:13 AM

Quant Time: Nov 01 02:30:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	294712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	416982	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	357222	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	182950	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	114934	52.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.46%	
35) Dibromofluoromethane	7.88	113	113340	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.32	98	477245	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.62	95	160710	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20519	18.001	ug/l	95
3) Chloromethane	2.21	50	37990	20.196	ug/l	99
4) Vinyl Chloride	2.35	62	56098	21.014	ug/l	93
5) Bromomethane	2.78	94	30618	18.668	ug/l	96
6) Chloroethane	2.92	64	28893	18.743	ug/l	100
7) Trichlorofluoromethane	3.25	101	25627	22.127	ug/l	97
8) Diethyl Ether	3.68	74	26930	20.089	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	50809	19.787	ug/l	97
10) Methyl Iodide	4.27	142	81833	19.734	ug/l	98
11) Tert butyl alcohol	5.21	59	22002m	107.574	ug/l	
12) 1,1-Dichloroethene	4.03	96	53882	19.861	ug/l	96
13) Acrolein	3.89	56	23679	112.502	ug/l	96
14) Allyl chloride	4.66	41	82503	20.557	ug/l	99
15) Acrylonitrile	5.37	53	67672	111.671	ug/l	98
16) Acetone	4.13	43	60424	89.583	ug/l	97
17) Carbon Disulfide	4.38	76	154426	20.404	ug/l	98
18) Methyl Acetate	4.67	43	34379	21.777	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	82570	20.679	ug/l	99
20) Methylene Chloride	4.91	84	57167	19.199	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	58266	20.167	ug/l	99
22) Diisopropyl ether	6.31	45	153593	19.817	ug/l	96
23) Vinyl Acetate	6.25	43	491400	105.663	ug/l	99
24) 1,1-Dichloroethane	6.21	63	91987	19.486	ug/l	98
25) 2-Butanone	7.17	43	89012	103.133	ug/l	93
26) 2,2-Dichloropropane	7.16	77	59601	20.854	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59229	19.585	ug/l	98
28) Bromochloromethane	7.51	49	31431	18.415	ug/l	96
29) Tetrahydrofuran	7.53	42	57097	119.022	ug/l	98
30) Chloroform	7.67	83	87607	18.926	ug/l	99
31) Cyclohexane	7.95	56	100631	19.989	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	72366	19.955	ug/l	100
36) 1,1-Dichloropropene	8.09	75	79116	20.428	ug/l	99
37) Ethyl Acetate	7.25	43	39438	23.153	ug/l	98
38) Carbon Tetrachloride	8.07	117	68119	20.304	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102847	20.164	ug/l	99
40) Benzene	8.32	78	220220	20.087	ug/l	99
41) Methacrylonitrile	7.48	41	21492	20.854	ug/l	94
42) 1,2-Dichloroethane	8.40	62	57722	20.485	ug/l	99
43) Isopropyl Acetate	8.42	43	70822	22.014	ug/l	98
44) Trichloroethene	9.09	130	60683	19.655	ug/l	95
45) 1,2-Dichloropropane	9.37	63	53332	20.260	ug/l	95
46) Dibromomethane	9.46	93	26639	20.317	ug/l	95
47) Bromodichloromethane	9.65	83	64101	19.860	ug/l	96
48) Methyl methacrylate	9.43	41	34753	22.483	ug/l	95
49) 1,4-Dioxane	9.46	88	11300	549.474	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	188331	111.423	ug/l	99
52) Toluene	10.38	92	142614	20.167	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	67293	20.044	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	80537	19.785	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	40734	20.826	ug/l	95
56) Ethyl methacrylate	10.65	69	54582	20.733	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69403	20.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	131712	121.794	ug/l	98
59) 2-Hexanone	10.97	43	131899	112.585	ug/l	99
60) Dibromochloromethane	11.13	129	46243	20.666	ug/l	97
61) 1,2-Dibromoethane	11.24	107	39379	20.835	ug/l	99
64) Tetrachloroethene	10.86	164	54761	20.150	ug/l	96
65) Chlorobenzene	11.66	112	144681	19.769	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	50087	20.094	ug/l	99
67) Ethyl Benzene	11.73	91	261146	19.910	ug/l	100
68) m/p-Xylenes	11.84	106	207639	41.013	ug/l	97
69) o-Xylene	12.16	106	93592	19.994	ug/l	98
70) Styrene	12.18	104	160300	20.033	ug/l	99
71) Bromoform	12.35	173	28851	21.349	ug/l #	98
73) Isopropylbenzene	12.46	105	262285	19.599	ug/l	100
74) N-amyl acetate	12.27	43	61735	21.676	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	47802	21.104	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	32902m	20.235	ug/l	
77) Bromobenzene	12.75	156	61890	19.260	ug/l	98
78) n-propylbenzene	12.80	91	306763	19.928	ug/l	99
79) 2-Chlorotoluene	12.89	91	169443	19.818	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	221645	19.938	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	16158	23.557	ug/l	97
82) 4-Chlorotoluene	12.99	91	179242	20.013	ug/l	100
83) tert-Butylbenzene	13.21	119	192768	19.853	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	216556	19.596	ug/l	100
85) sec-Butylbenzene	13.38	105	266905	19.937	ug/l	100
86) p-Isopropyltoluene	13.50	119	251754	20.291	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	118747	19.642	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	116447	19.238	ug/l	99
89) n-Butylbenzene	13.82	91	226306	20.232	ug/l	99
90) Hexachloroethane	14.09	117	40760	19.885	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	105259	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7538	22.249	ug/l	86

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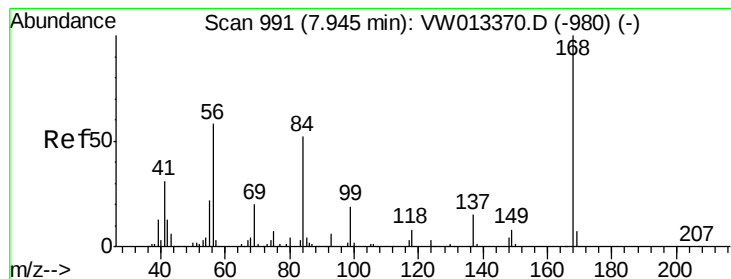
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	74423	19.405	ug/l	99
94) Hexachlorobutadiene	15.24	225	51116	20.517	ug/l	97
95) Naphthalene	15.36	128	135089	20.880	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	64611	19.295	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013433.D

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Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 168 Resp: 294712

Ion Ratio Lower Upper

168 100

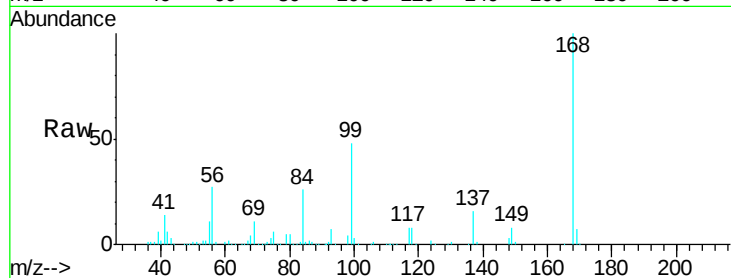
99 48.3 40.2 60.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

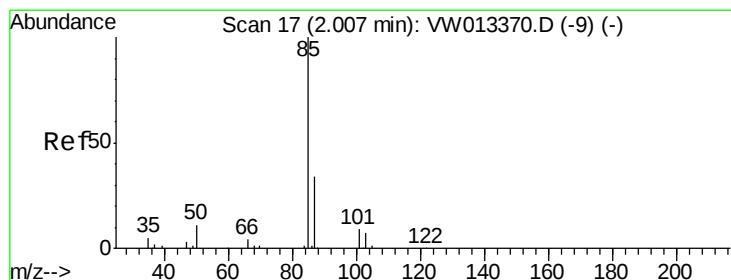
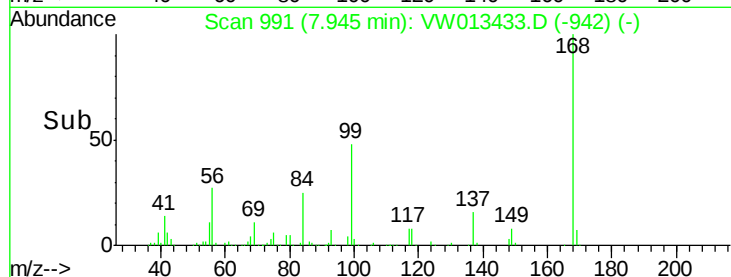
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 18.001 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW013433.D

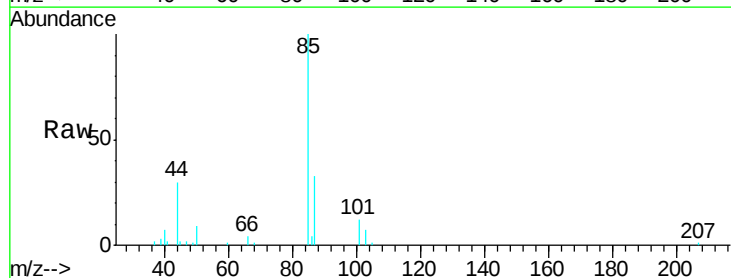
Acq: 04 Oct 2019 12:43

Tgt Ion: 85 Resp: 20519

Ion Ratio Lower Upper

85 100

87 32.8 15.1 45.3



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

8000

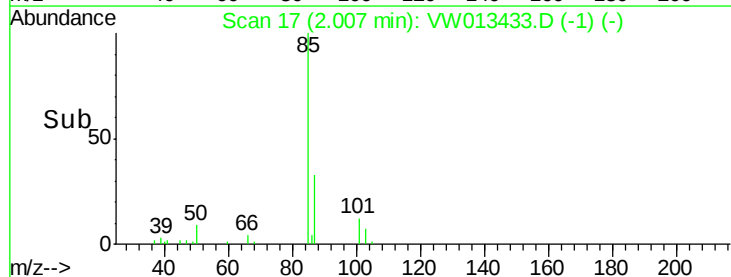
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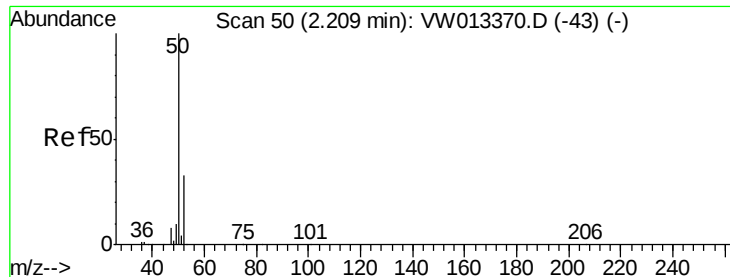
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.196 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 50 Resp: 37990

Ion Ratio Lower Upper

50 100

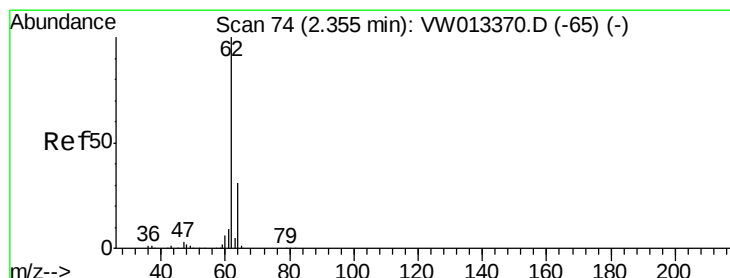
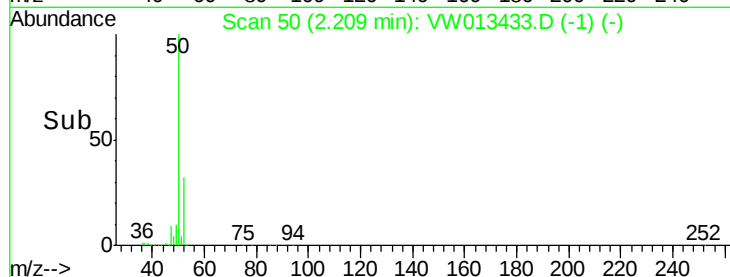
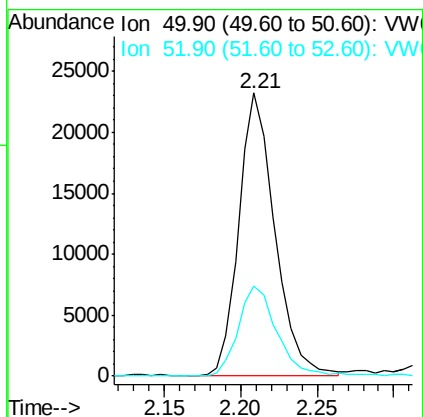
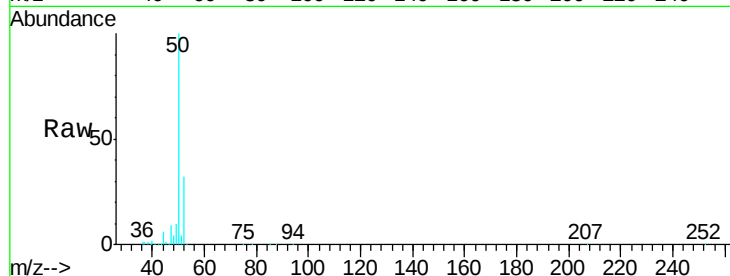
52 32.0 26.1 39.1

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#4

Vinyl Chloride

Concen: 21.014 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW013433.D

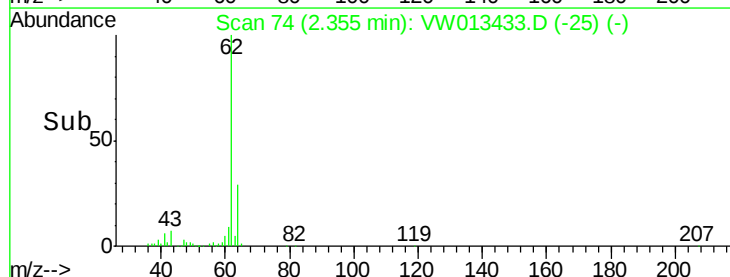
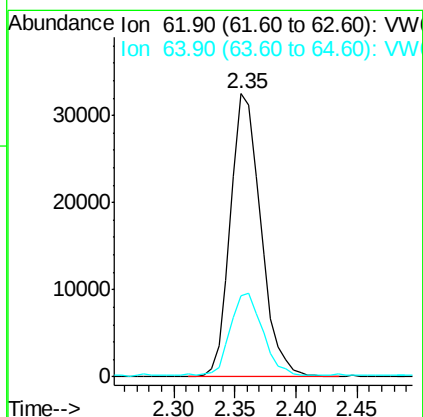
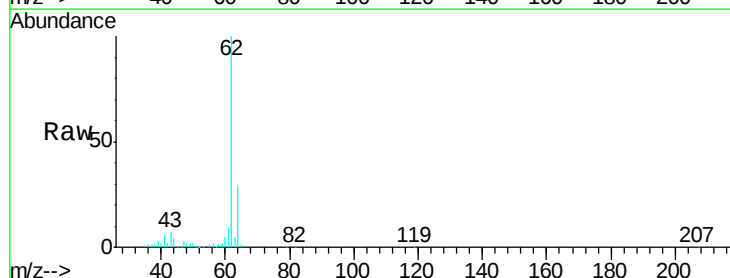
Acq: 04 Oct 2019 12:43

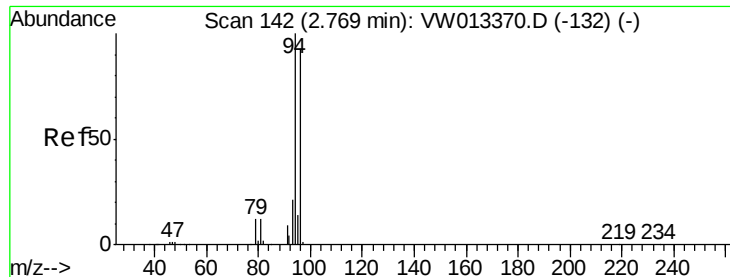
Tgt Ion: 62 Resp: 56098

Ion Ratio Lower Upper

62 100

64 27.7 25.3 37.9





#5

Bromomethane

Concen: 18.668 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 94 Resp: 30618

Ion Ratio Lower Upper

94 100

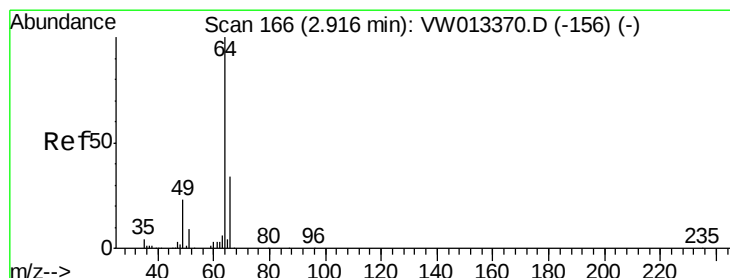
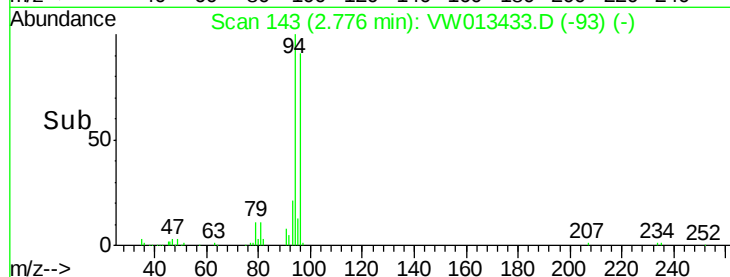
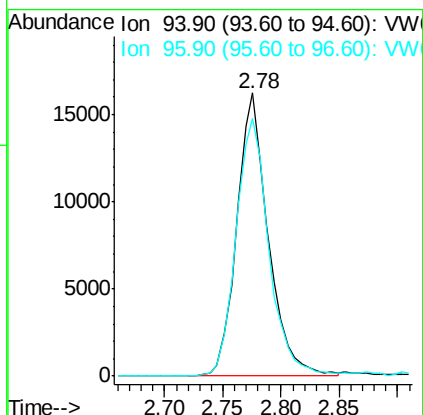
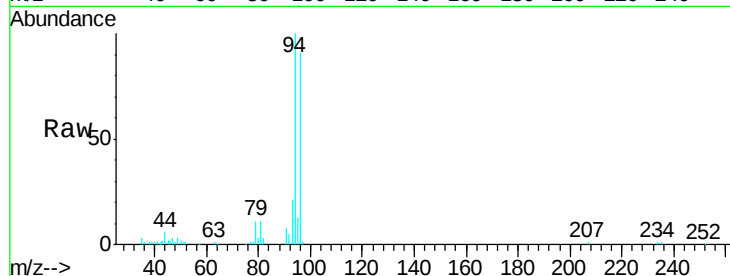
96 90.8 69.7 104.5

Manual Integrations

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#6

Chloroethane

Concen: 18.743 ug/l

RT: 2.92 min Scan# 166

Delta R.T. 0.00 min

Lab File: VW013433.D

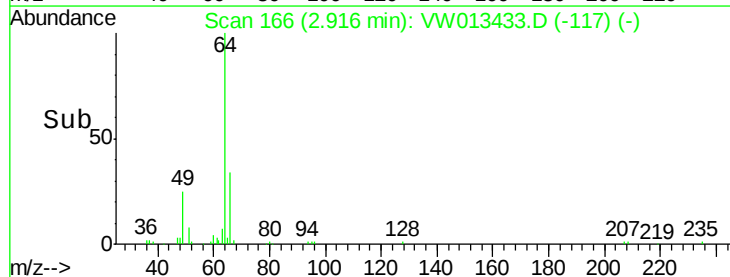
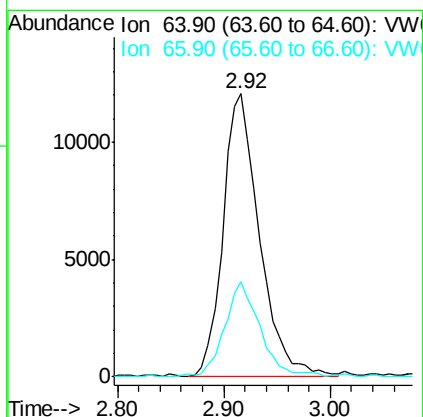
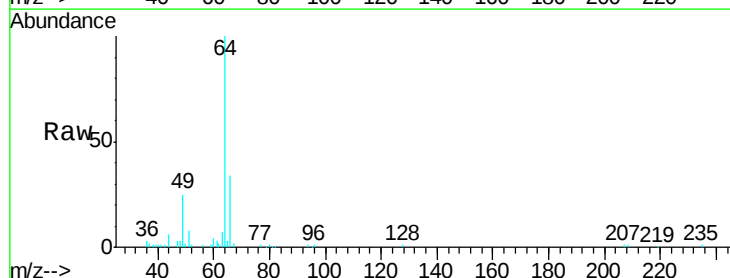
Acq: 04 Oct 2019 12:43

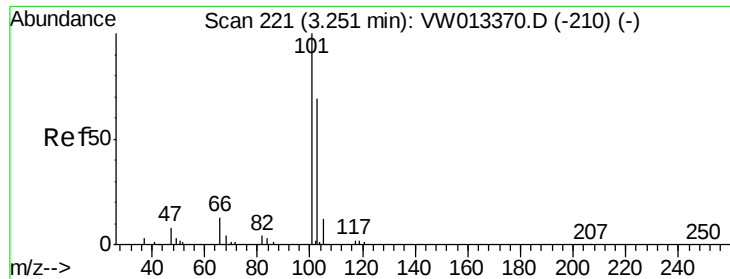
Tgt Ion: 64 Resp: 28893

Ion Ratio Lower Upper

64 100

66 33.0 26.6 39.8





#7

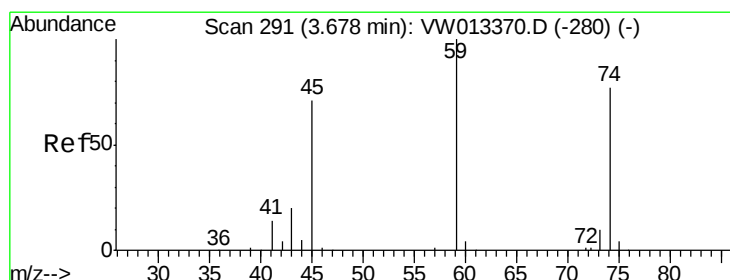
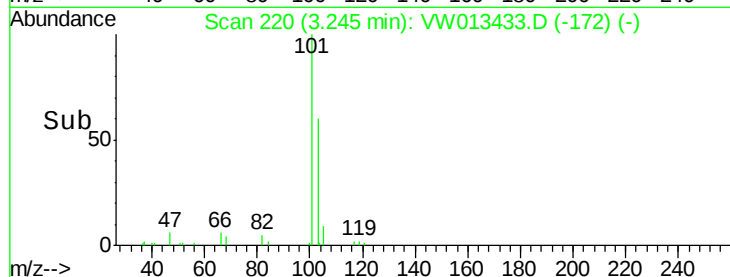
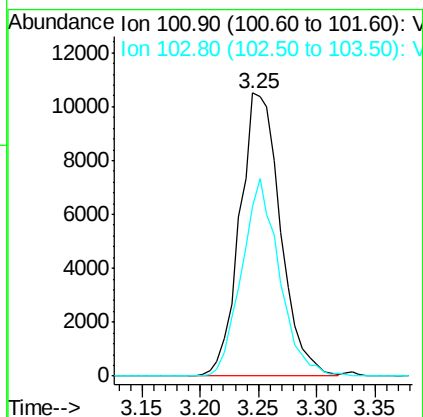
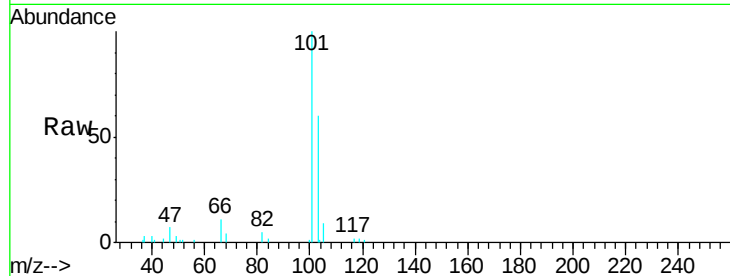
Trichlorofluoromethane
Concen: 22.127 ug/l
RT: 3.25 min Scan# 220
Delta R.T. -0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

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Tgt Ion: 101 Resp: 25627
Ion Ratio Lower Upper
101 100
103 59.8 49.7 74.5

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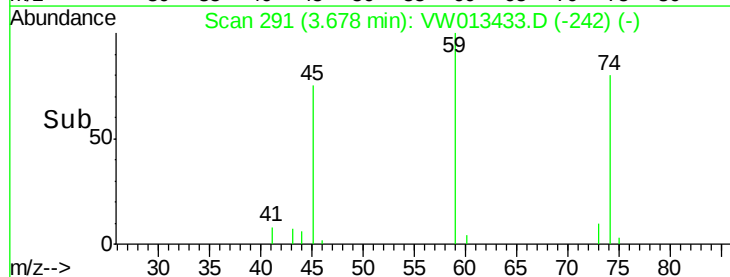
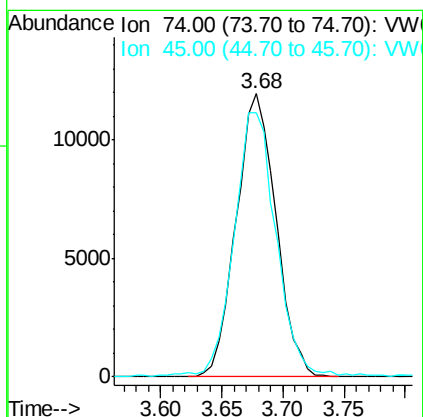
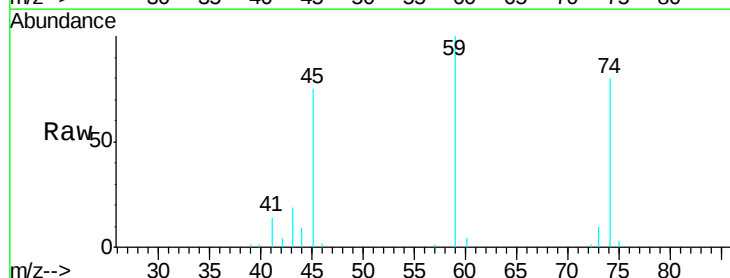
MMDadoda
10/9/2019 11:48:13 AM

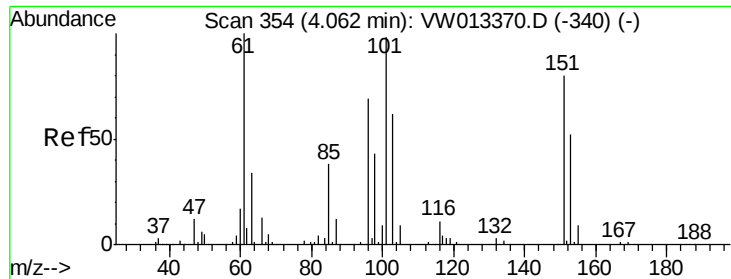


#8

Diethyl Ether
Concen: 20.089 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 74 Resp: 26930
Ion Ratio Lower Upper
74 100
45 99.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.787 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW013433.D

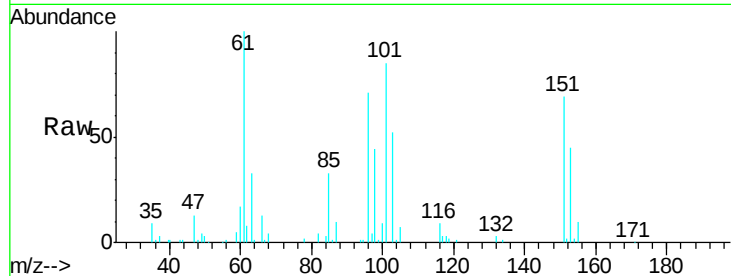
Acq: 04 Oct 2019 12:43

Instrument :

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ClientSampleId :

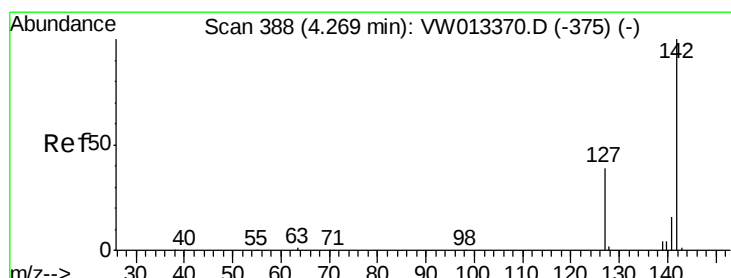
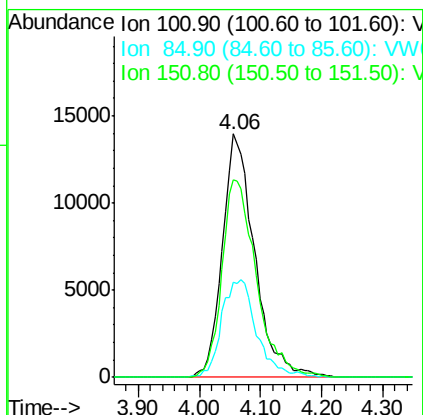
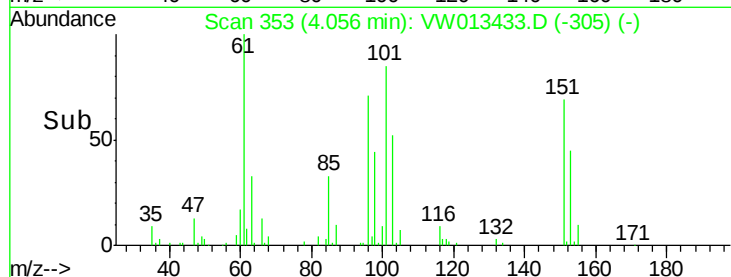
VW1004SBS01



Tgt Ion:	101	Resp:	50809
Ion Ratio	Lower	Upper	
101	100		
85	43.8	33.4	50.0
151	86.8	66.9	100.3

Manual Integrations
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10/9/2019 11:48:13 AM



#10

Methyl Iodide

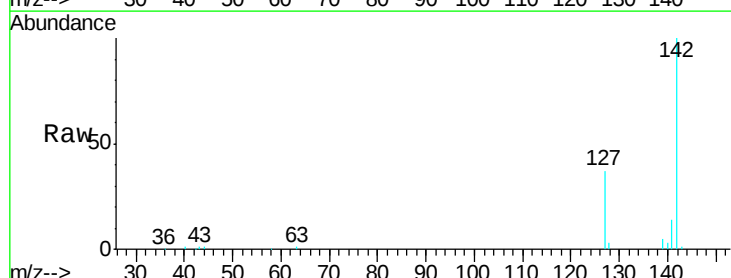
Concen: 19.734 ug/l

RT: 4.27 min Scan# 388

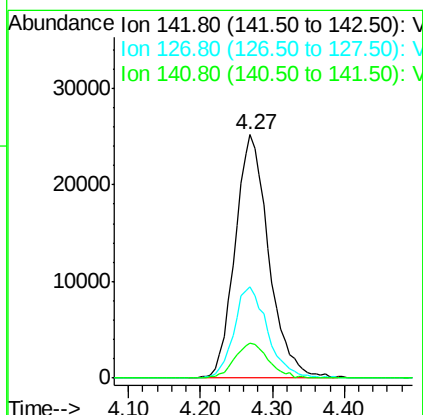
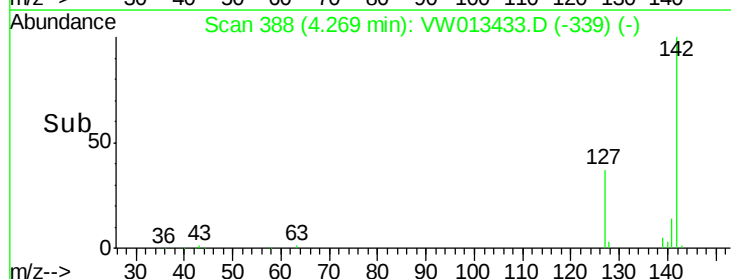
Delta R.T. 0.00 min

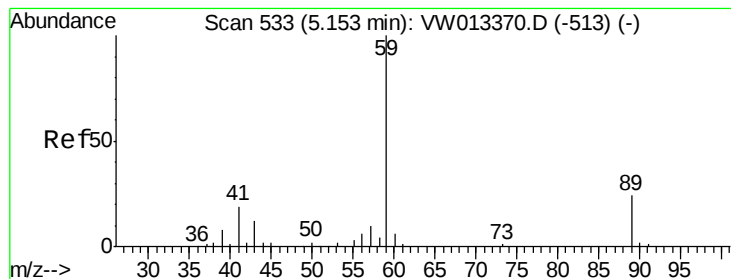
Lab File: VW013433.D

Acq: 04 Oct 2019 12:43



Tgt Ion:	142	Resp:	81833
Ion Ratio	Lower	Upper	
142	100		
127	37.3	30.9	46.3
141	14.4	11.7	17.5





#11

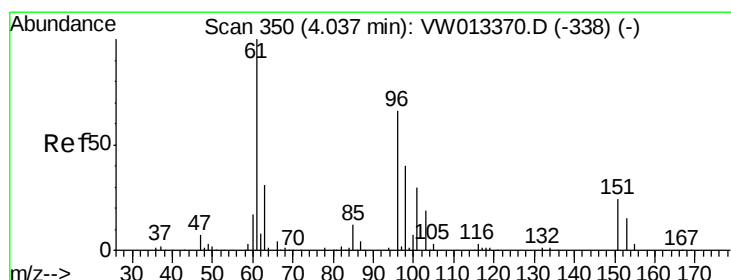
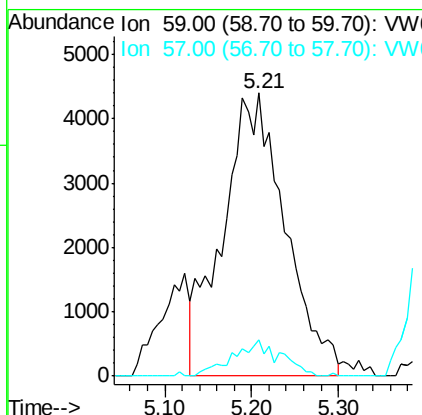
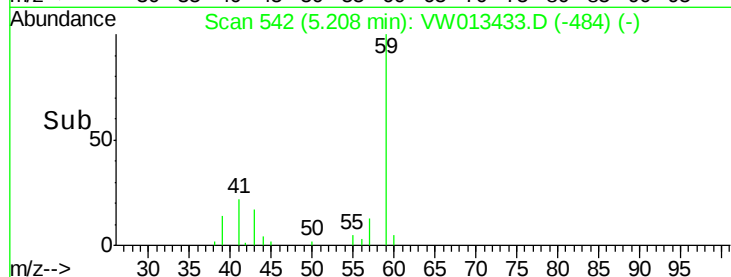
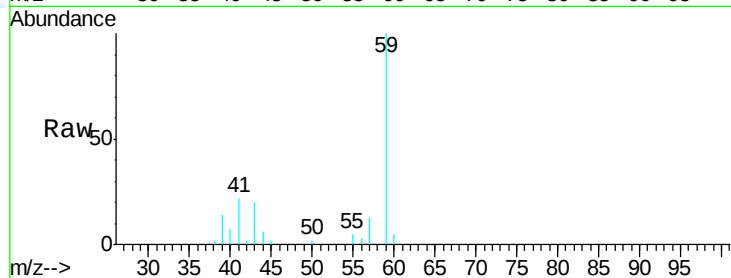
Tert butyl alcohol
Concen: 107.574 ug/l m
RT: 5.21 min Scan# 542
Delta R.T. 0.06 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 59 Resp: 22002
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

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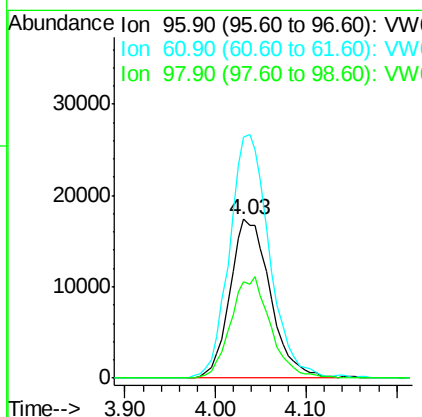
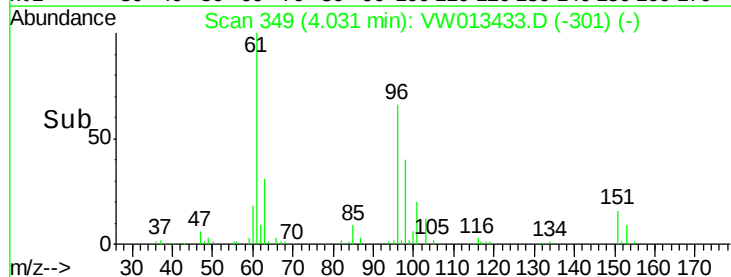
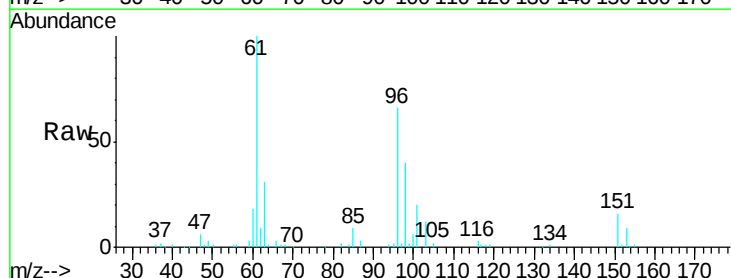
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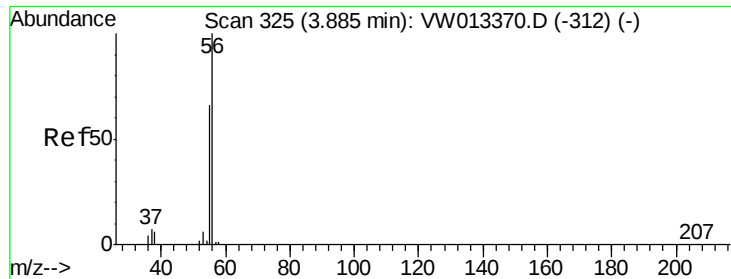


#12

1,1-Dichloroethene
Concen: 19.861 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 96 Resp: 53882
Ion Ratio Lower Upper
96 100
61 151.6 125.1 187.7
98 61.0 50.8 76.2





#13

Acrolein

Concen: 112.502 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 56 Resp: 23679

Ion Ratio Lower Upper

56 100

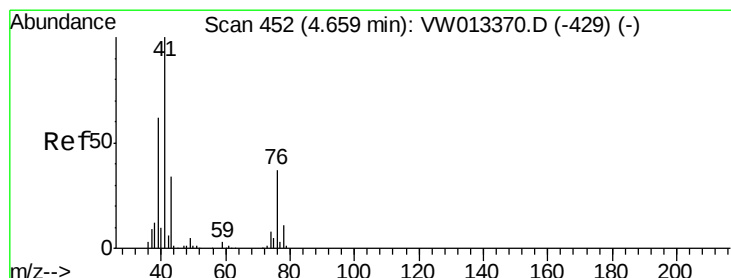
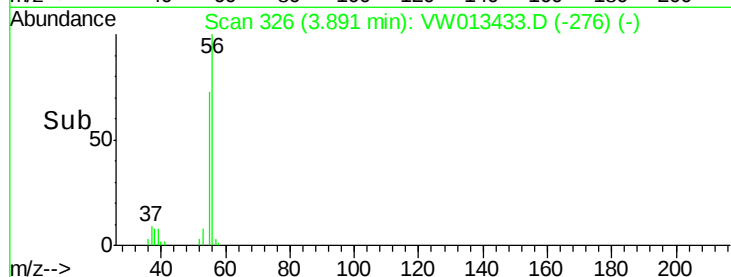
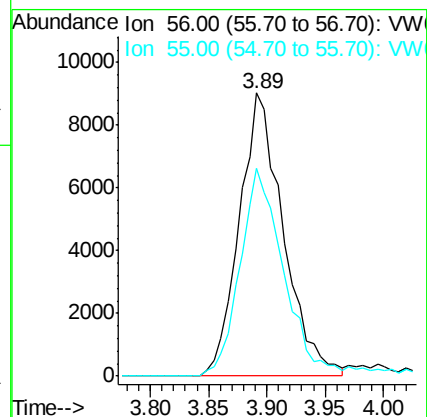
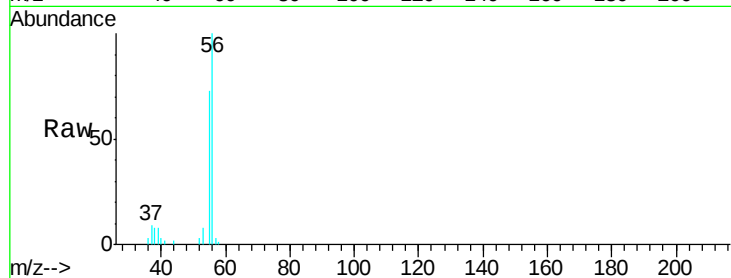
55 72.1 55.4 83.0

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#14

Allyl chloride

Concen: 20.557 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

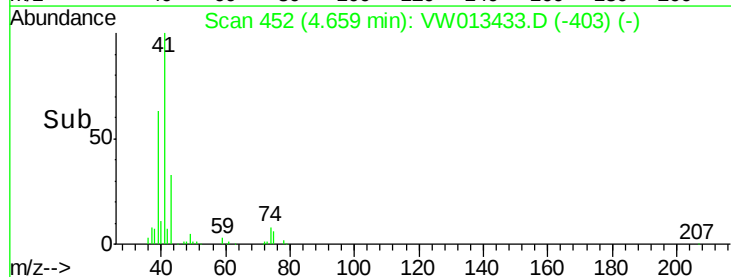
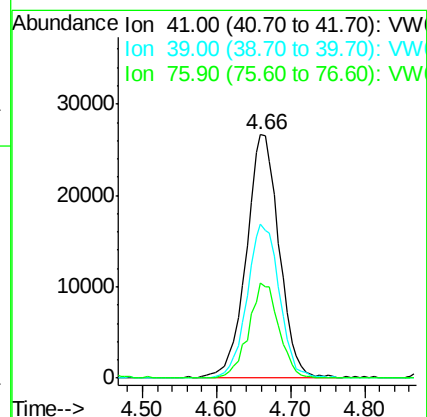
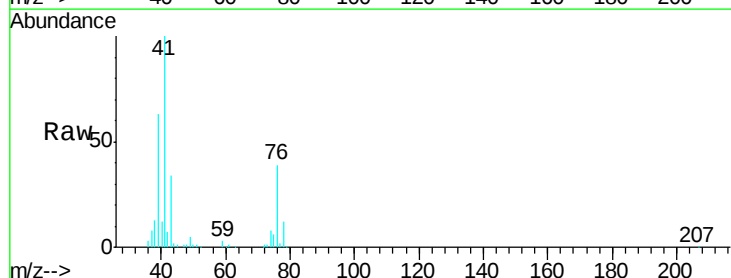
Tgt Ion: 41 Resp: 82503

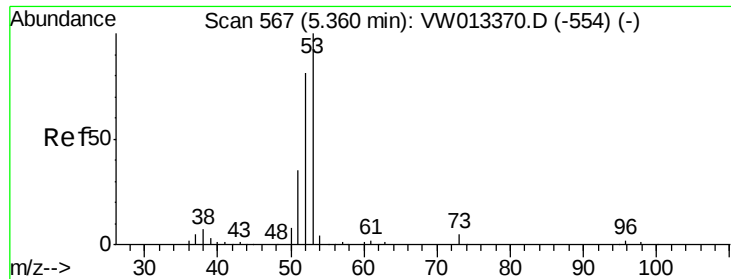
Ion Ratio Lower Upper

41 100

39 62.2 51.0 76.4

76 35.8 28.4 42.6





#15

Acrylonitrile

Concen: 111.671 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

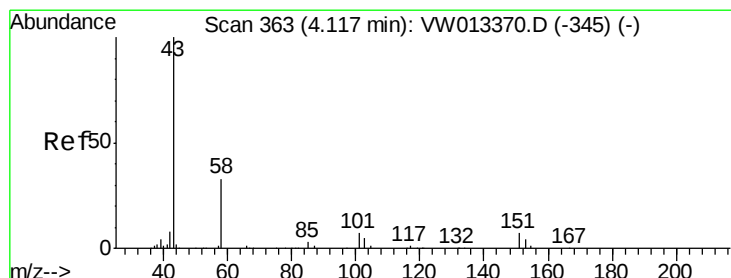
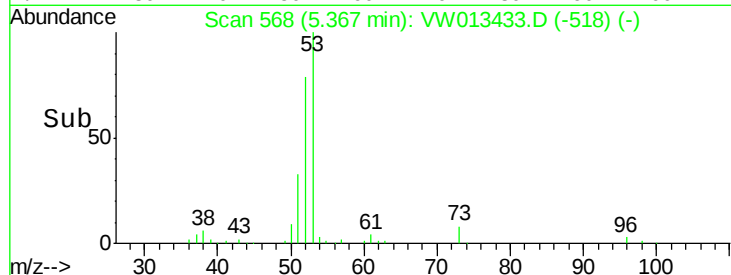
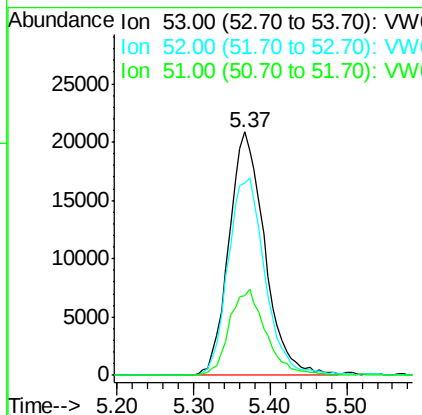
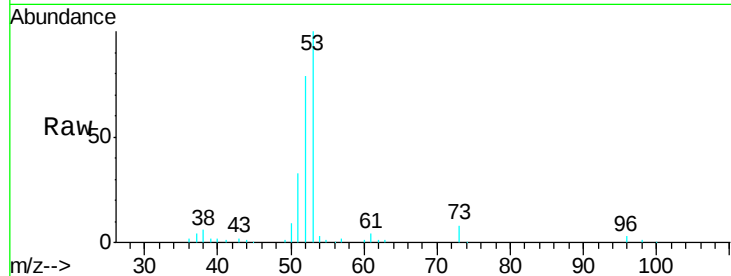
ClientSampleId :

VW1004SBS01

Tgt Ion:	53	Resp:	67672
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.3	97.9
51	35.7	29.0	43.4

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#16

Acetone

Concen: 89.583 ug/l

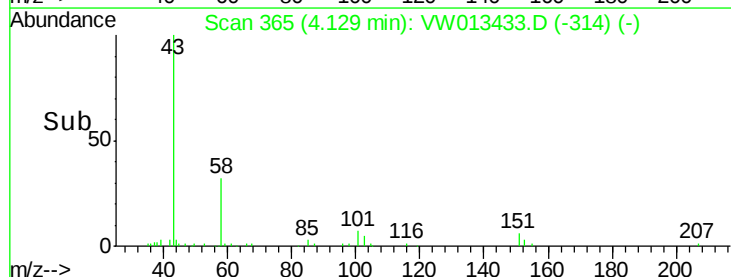
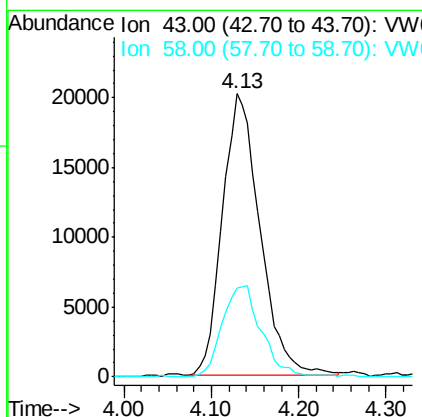
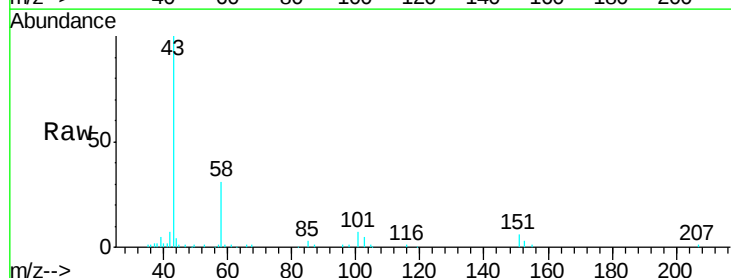
RT: 4.13 min Scan# 365

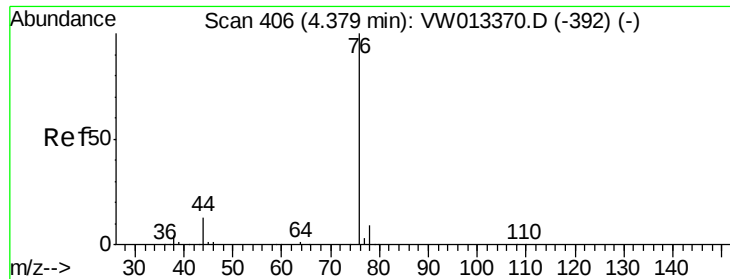
Delta R.T. 0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion:	43	Resp:	60424
Ion	Ratio	Lower	Upper
43	100		
58	31.5	24.1	36.1





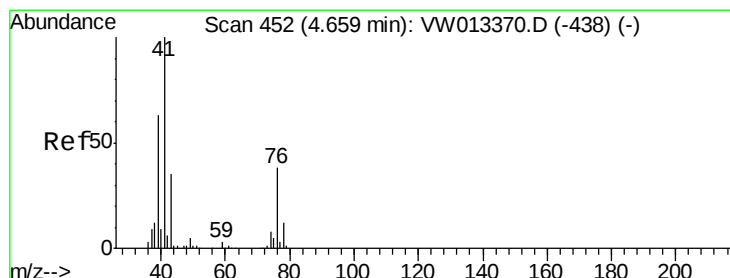
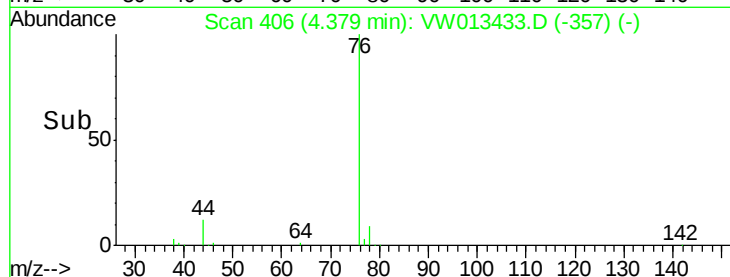
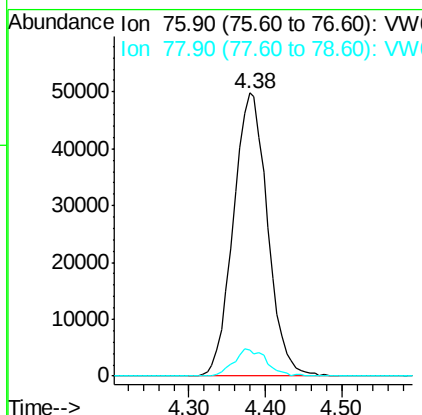
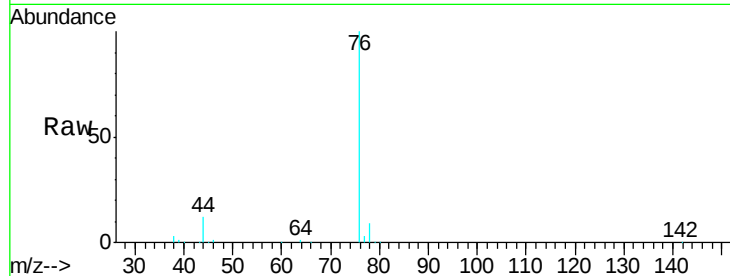
#17
Carbon Disulfide
Concen: 20.404 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 76 Resp: 154426
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4

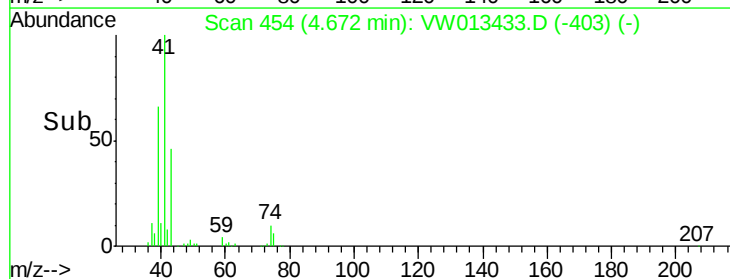
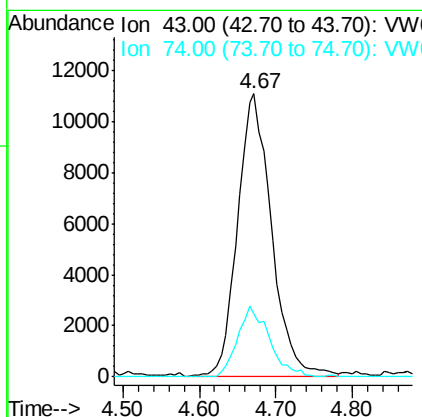
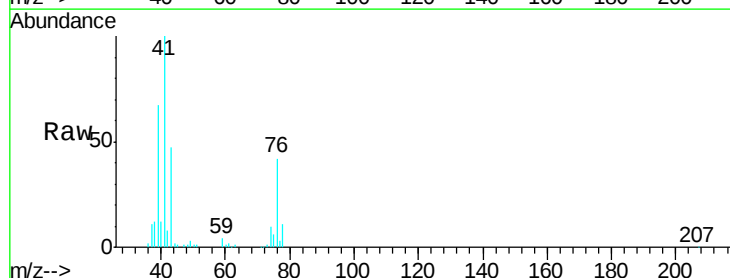
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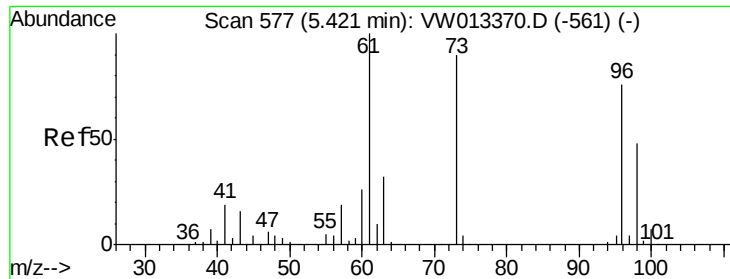
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#18
Methyl Acetate
Concen: 21.777 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 43 Resp: 34379
Ion Ratio Lower Upper
43 100
74 23.3 19.3 28.9





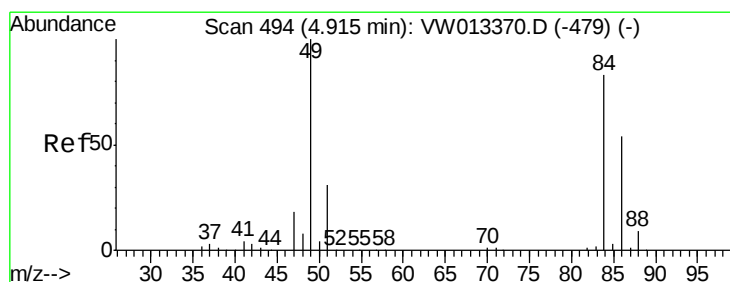
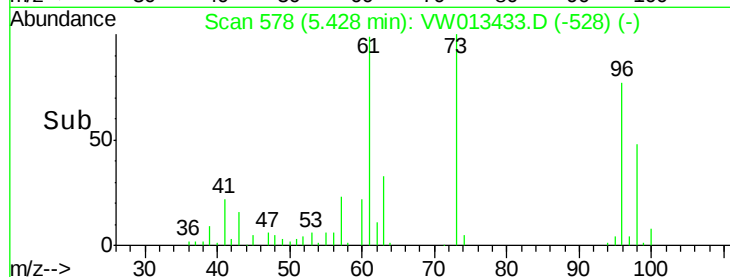
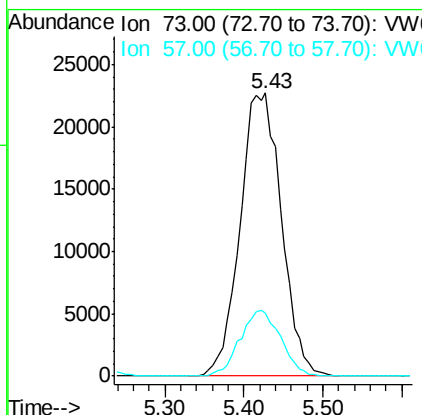
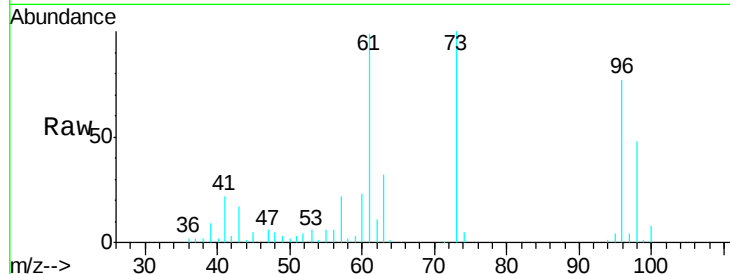
#19
Methyl tert-butyl Ether
Concen: 20.679 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 73 Resp: 82570
Ion Ratio Lower Upper
73 100
57 22.4 17.6 26.4

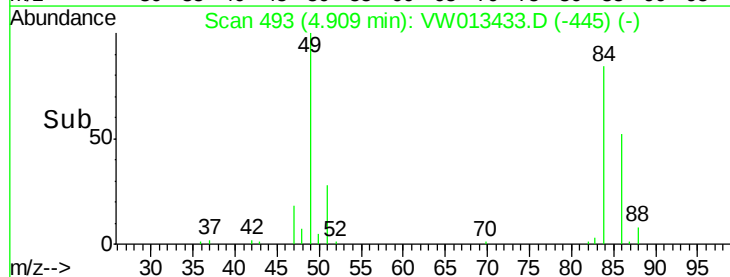
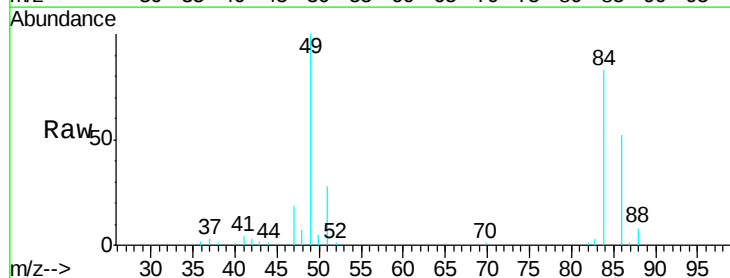
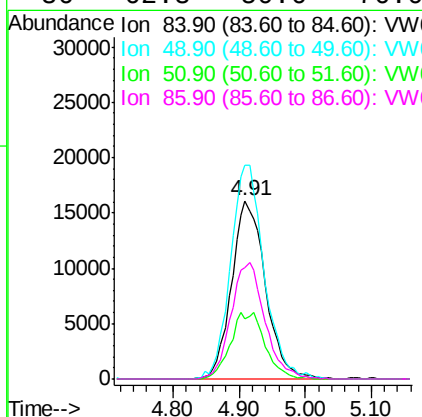
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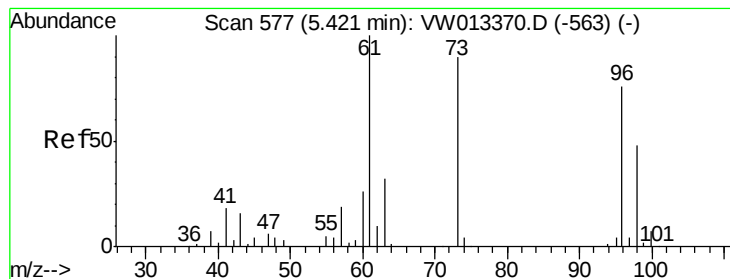
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#20
Methylene Chloride
Concen: 19.199 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 84 Resp: 57167
Ion Ratio Lower Upper
84 100
49 120.0 97.6 146.4
51 34.0 30.2 45.2
86 62.8 50.6 76.0





#21

trans-1,2-Dichloroethene

Concen: 20.167 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

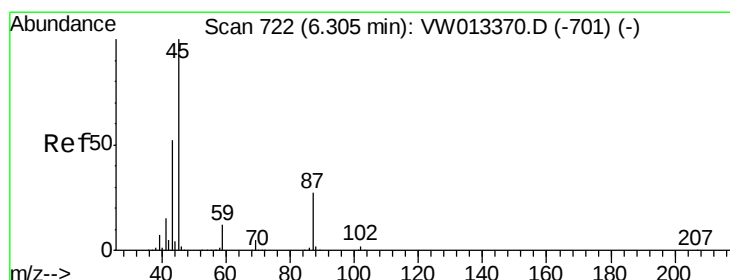
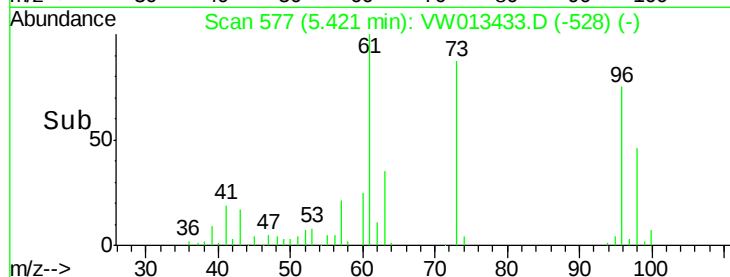
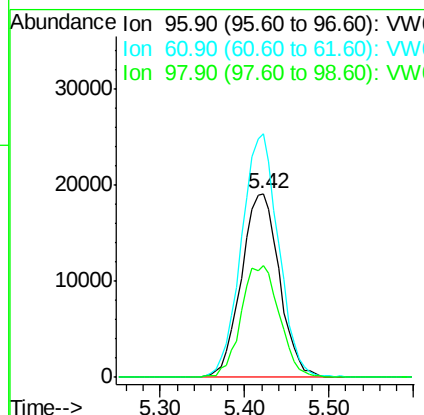
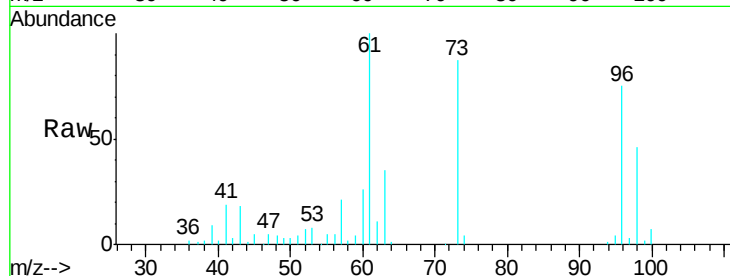
ClientSampleId :

VW1004SBS01

Tgt Ion:	96	Resp:	58266
Ion	Ratio	Lower	Upper
96	100		
61	132.5	106.6	159.8
98	60.7	49.8	74.8

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#22

Diisopropyl ether

Concen: 19.817 ug/l

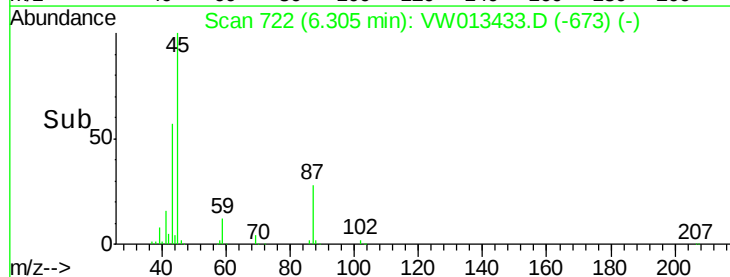
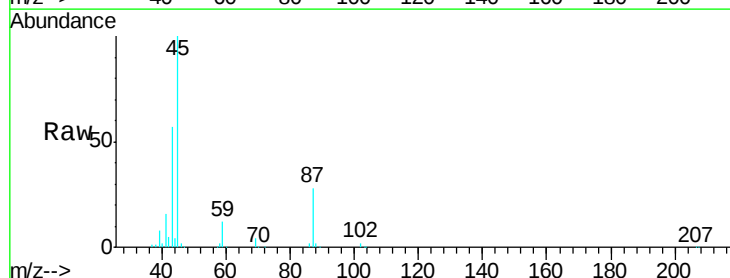
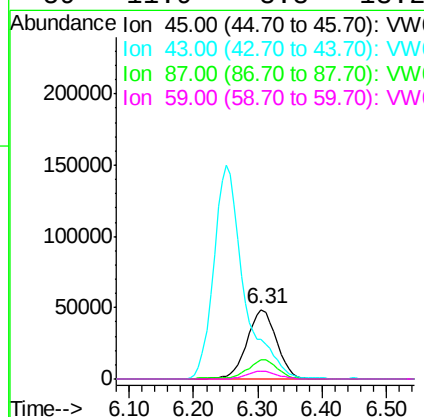
RT: 6.31 min Scan# 722

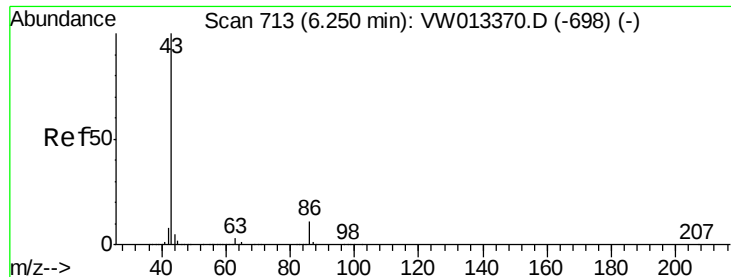
Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion:	45	Resp:	153593
Ion	Ratio	Lower	Upper
45	100		
43	56.1	42.4	63.6
87	27.9	20.4	30.6
59	11.9	8.8	13.2





#23

Vinyl Acetate

Concen: 105.663 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 43 Resp: 491400

Ion Ratio Lower Upper

43 100

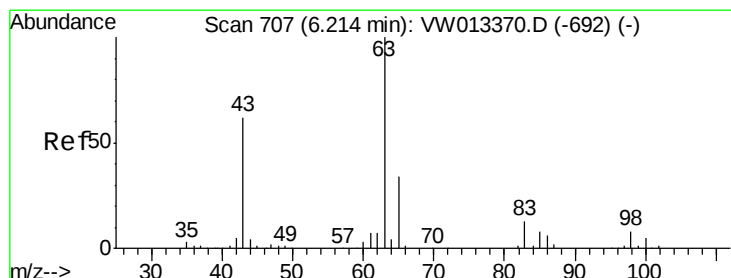
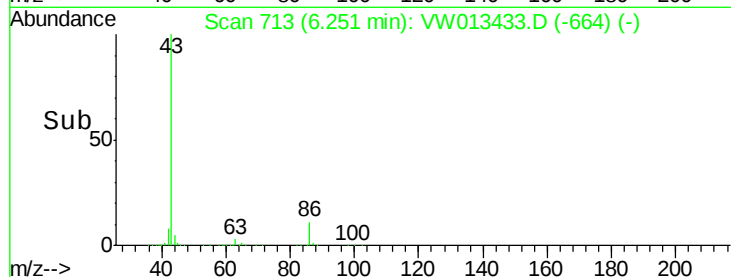
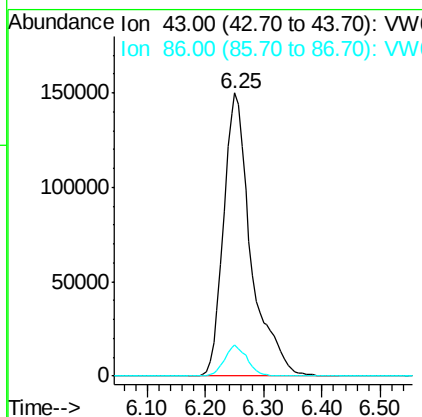
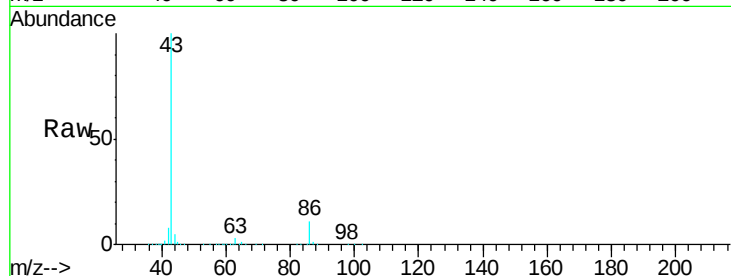
86 10.9 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 19.486 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

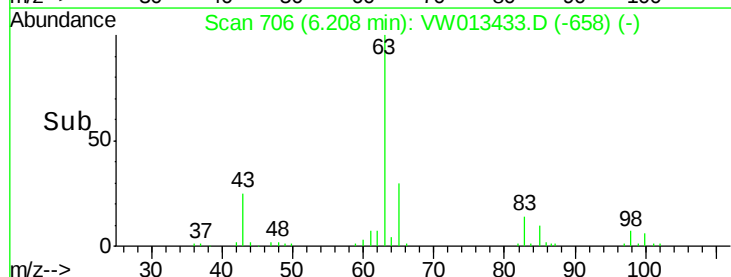
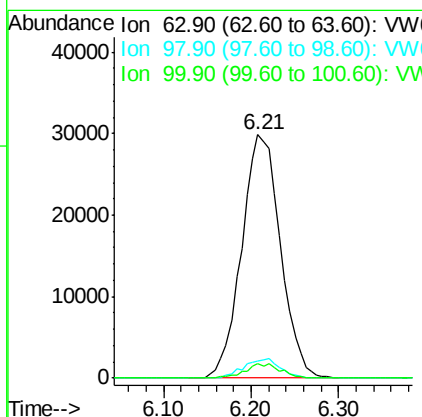
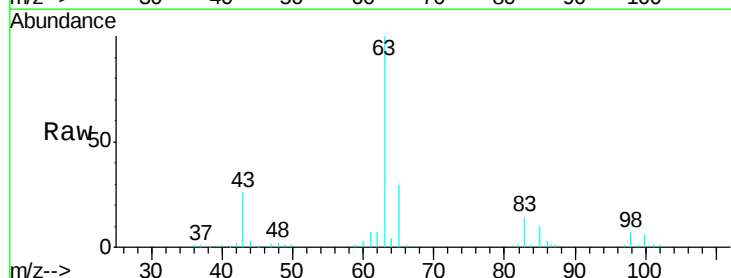
Tgt Ion: 63 Resp: 91987

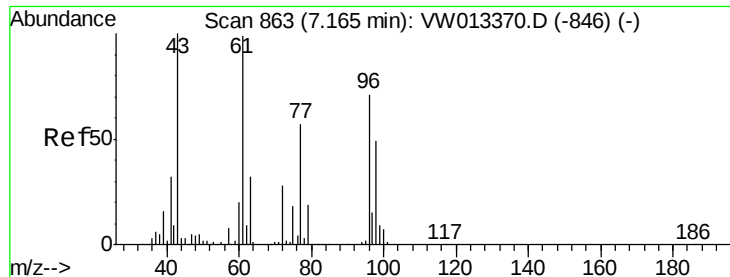
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 6.2 2.4 7.1





#25

2-Butanone

Concen: 103.133 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 43 Resp: 89012

Ion Ratio Lower Upper

43 100

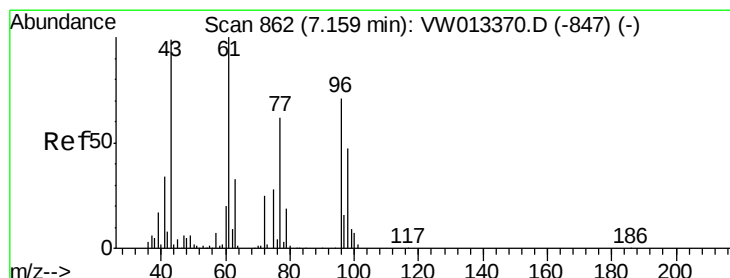
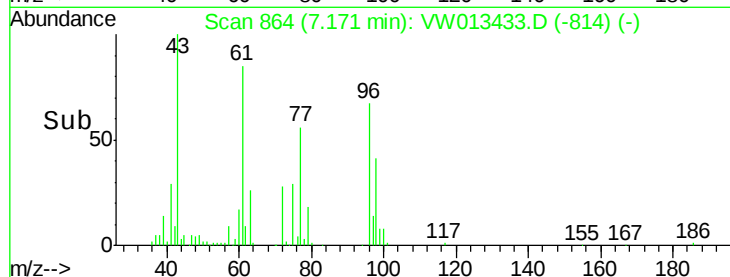
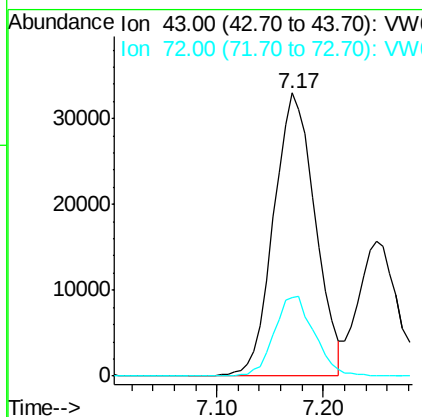
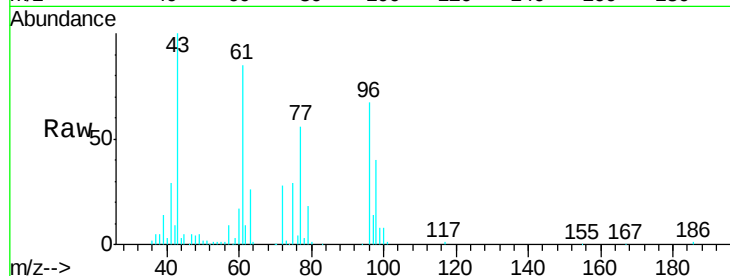
72 27.6 19.4 29.0

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#26

2,2-Dichloropropane

Concen: 20.854 ug/l

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW013433.D

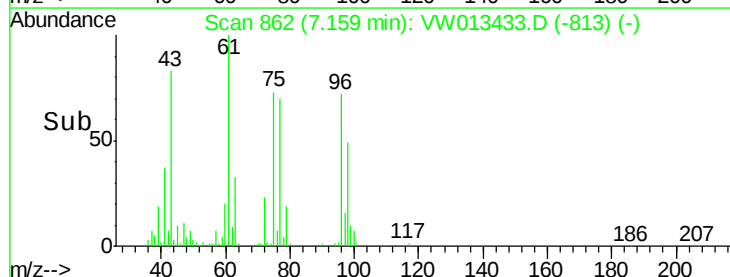
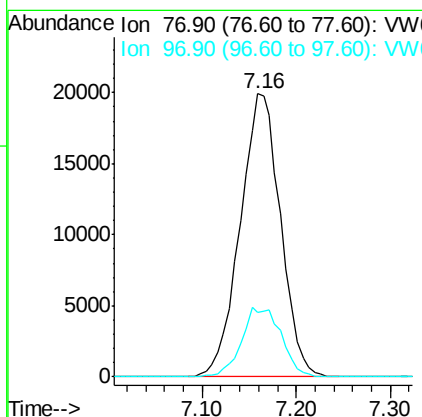
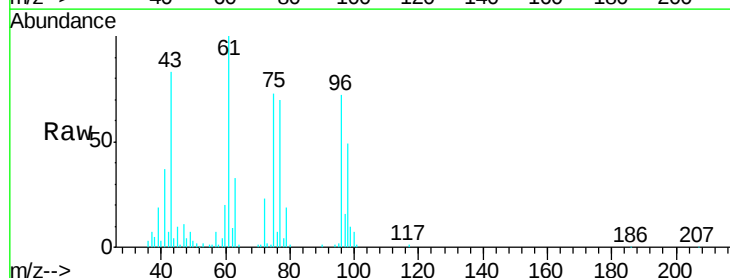
Acq: 04 Oct 2019 12:43

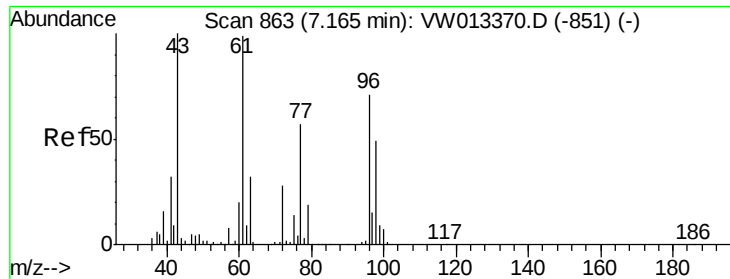
Tgt Ion: 77 Resp: 59601

Ion Ratio Lower Upper

77 100

97 24.0 11.8 35.4





#27

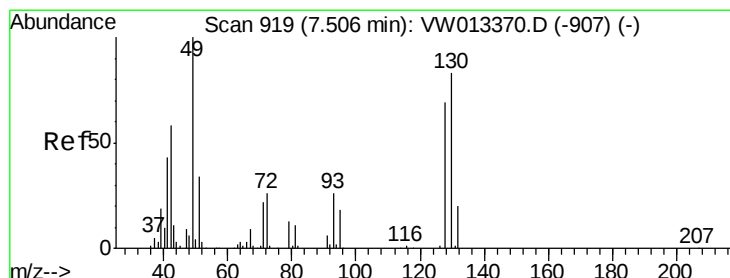
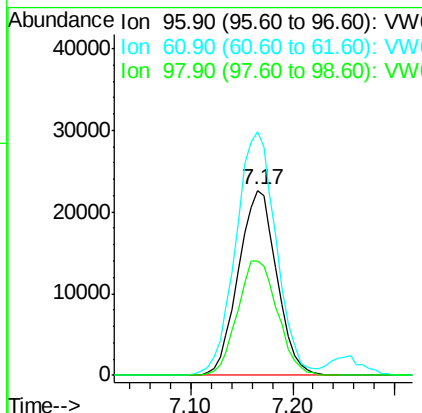
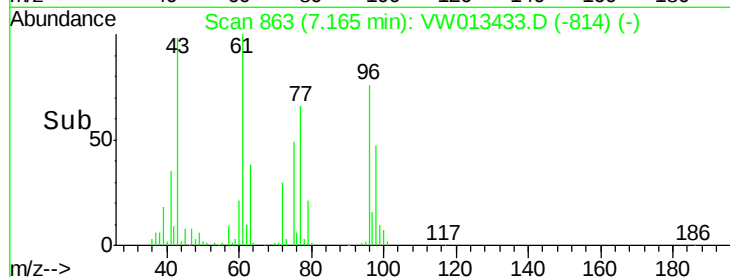
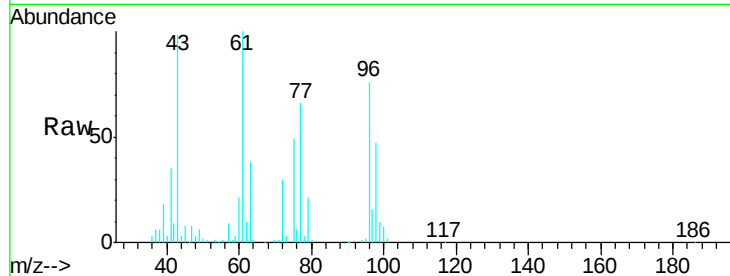
cis-1,2-Dichloroethene
Concen: 19.585 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	59229		
61	138.6	0.0	282.4	
98	64.3	0.0	128.2	

Manual Integrations
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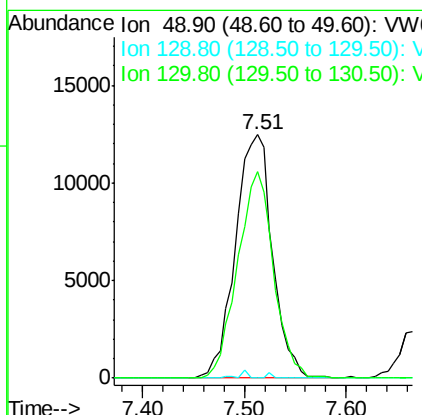
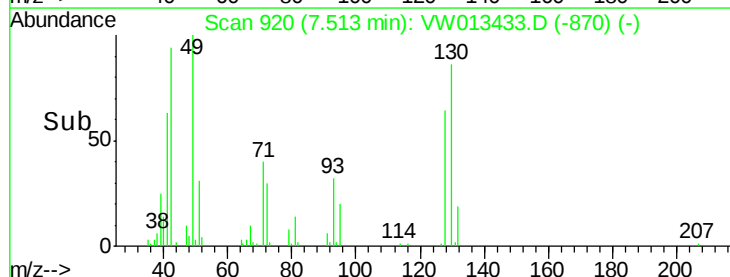
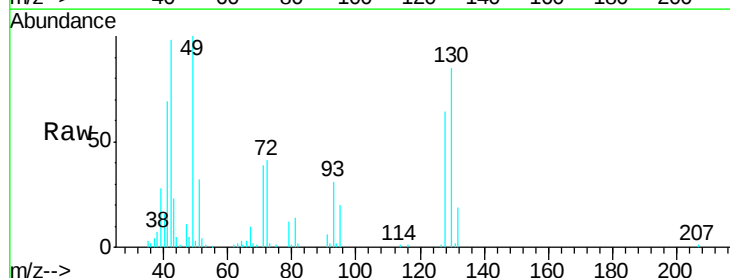
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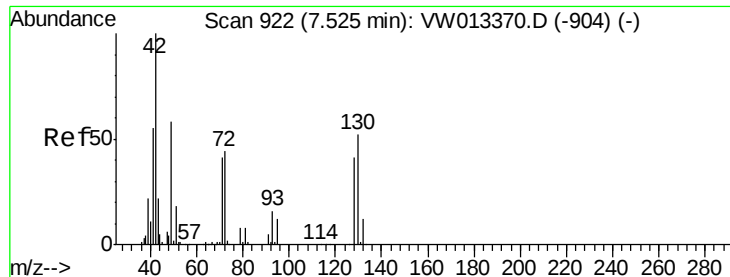


#28

Bromochloromethane
Concen: 18.415 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	31431		
129	0.3	0.0	1.0	
130	82.6	63.4	95.2	





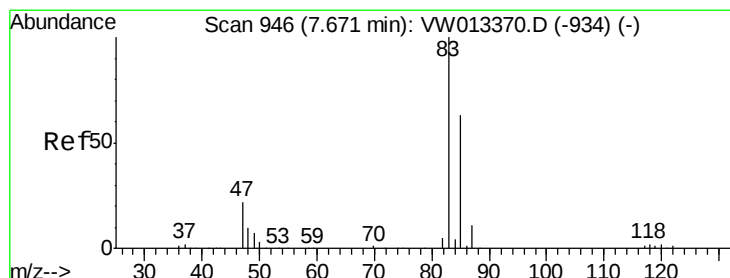
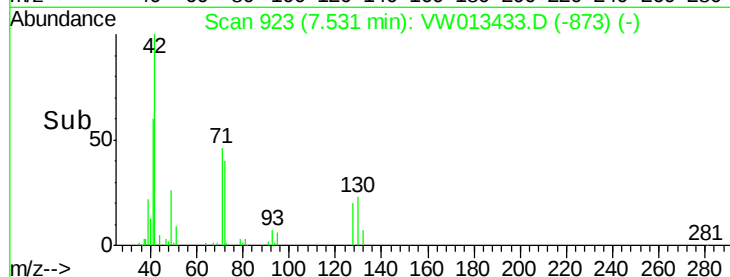
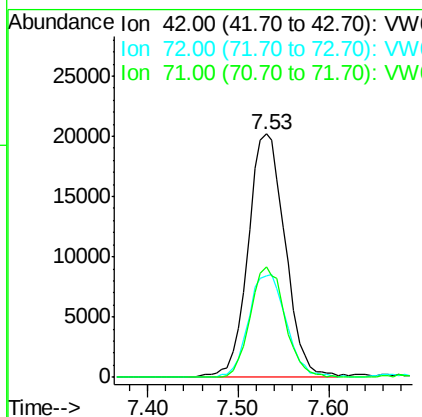
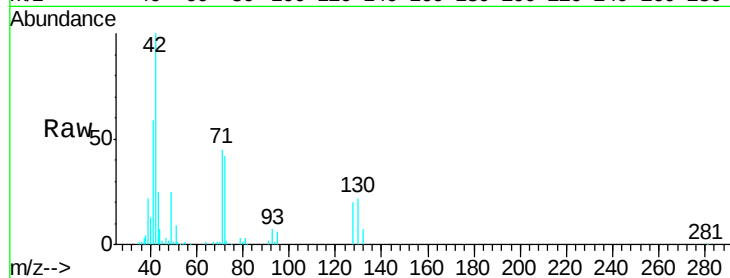
#29
Tetrahydrofuran
Concen: 119.022 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	42.9	33.9	50.9
71	42.3	31.9	47.9

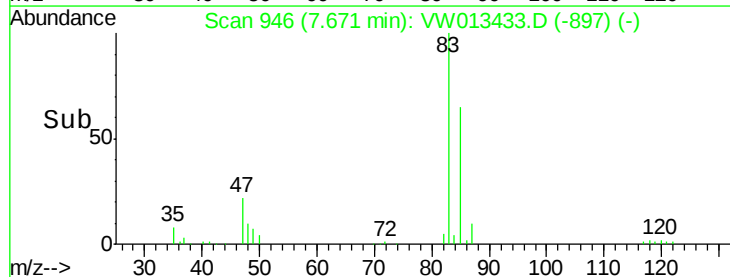
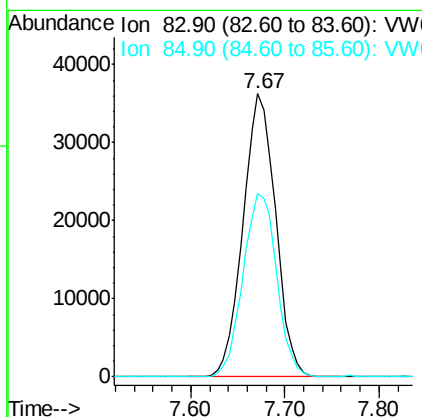
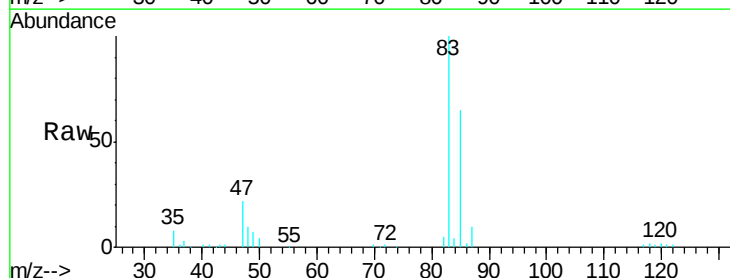
Manual Integrations
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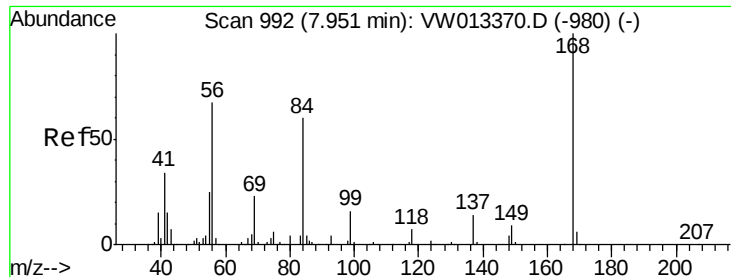
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10/9/2019 11:48:13 AM



#30
Chloroform
Concen: 18.926 ug/l
RT: 7.67 min Scan# 946
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.3	78.5





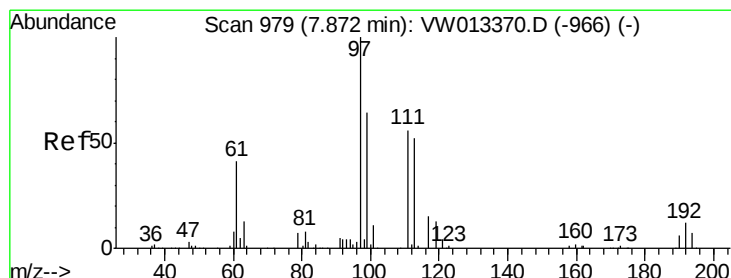
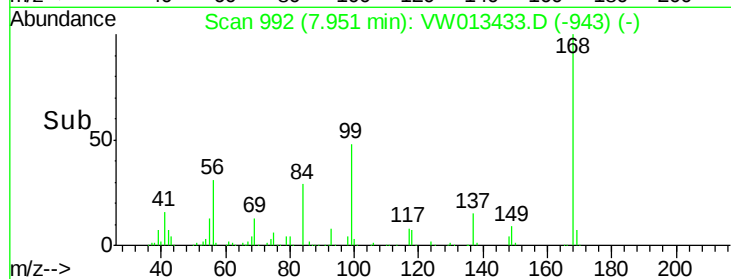
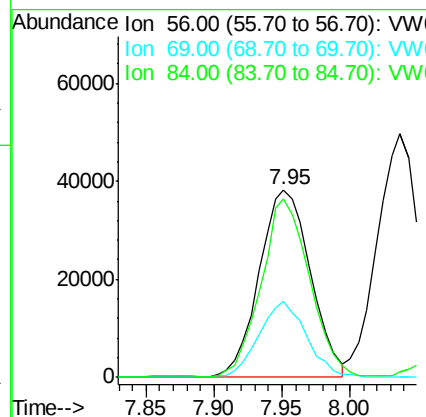
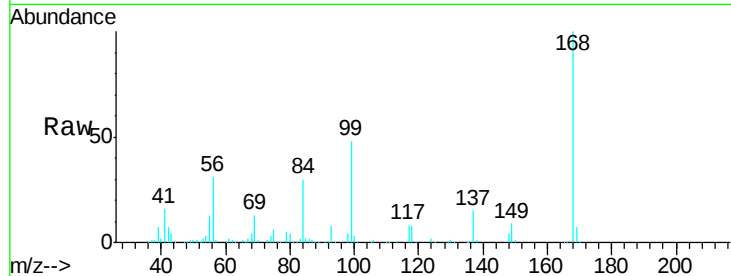
#31
Cyclohexane
Concen: 19.989 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.6	27.2	40.8
84	93.9	70.8	106.2

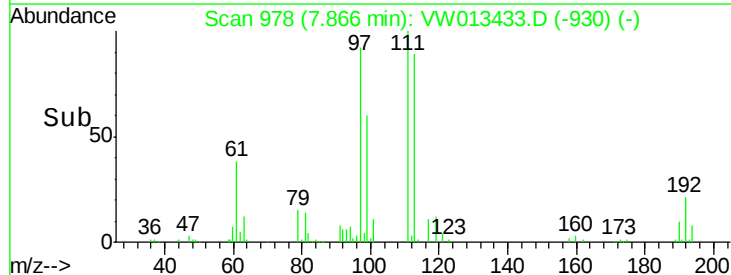
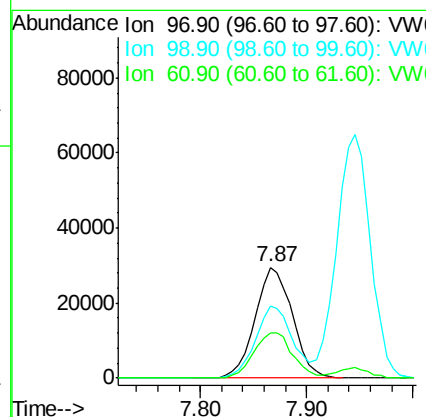
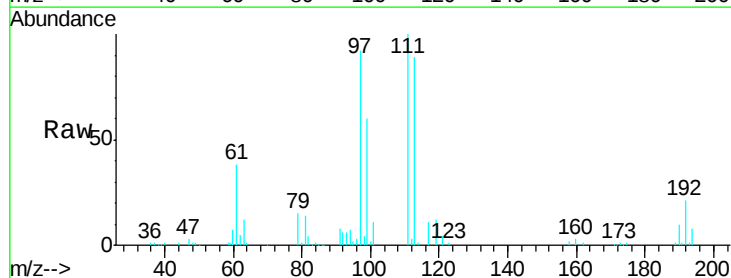
Manual Integrations
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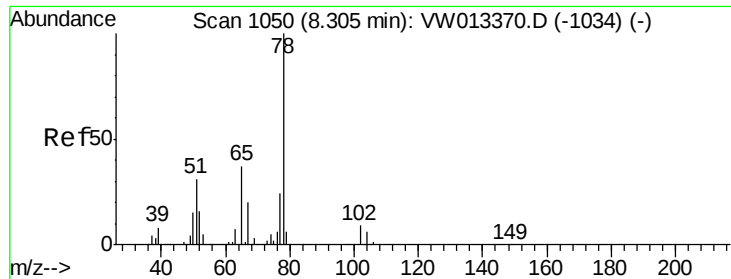
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#32
1,1,1-Trichloroethane
Concen: 19.955 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.7	77.5
61	42.9	34.6	51.8





#33

1,2-Dichloroethane-d4

Concen: 52.230 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 65 Resp: 114934

Ion Ratio Lower Upper

65 100

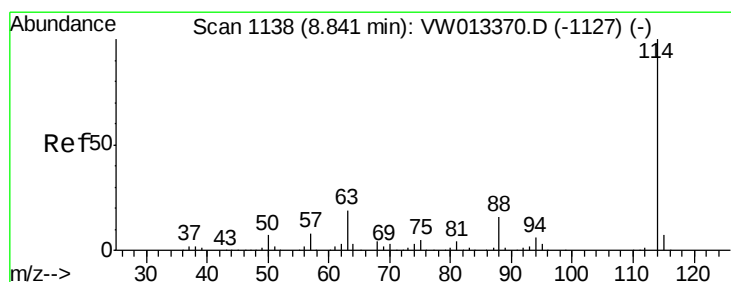
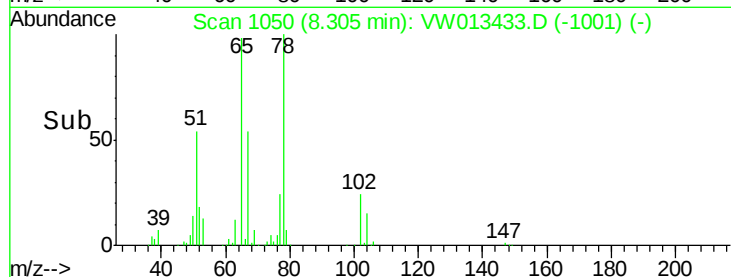
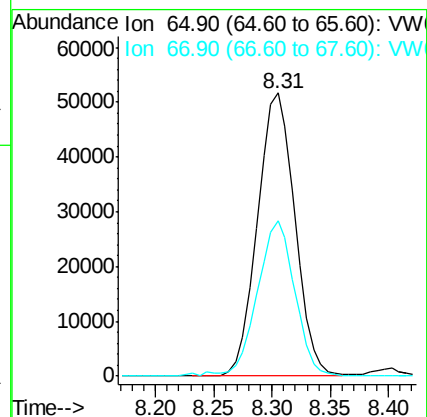
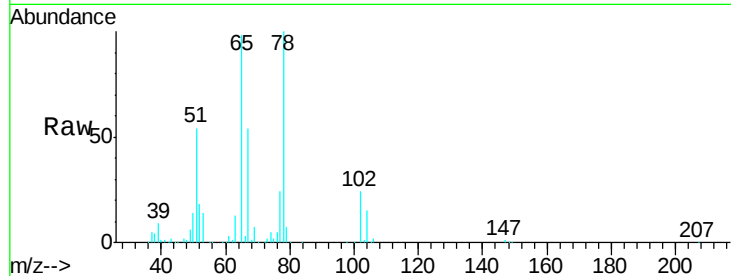
67 55.2 0.0 106.2

Manual Integrations

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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: VW013433.D

Acq: 04 Oct 2019 12:43

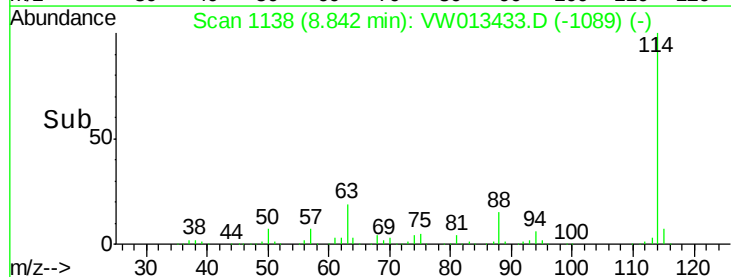
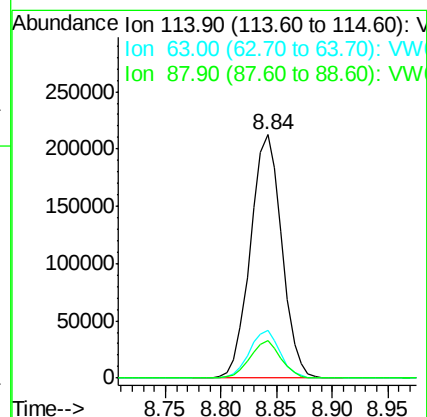
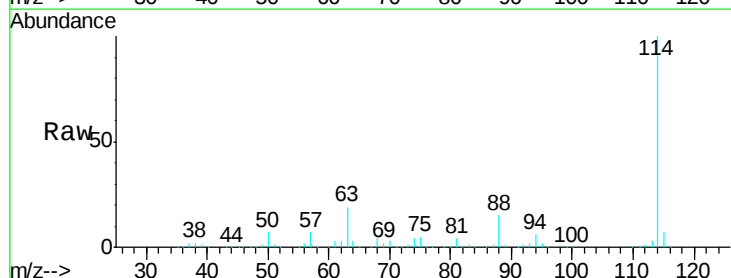
Tgt Ion: 114 Resp: 416982

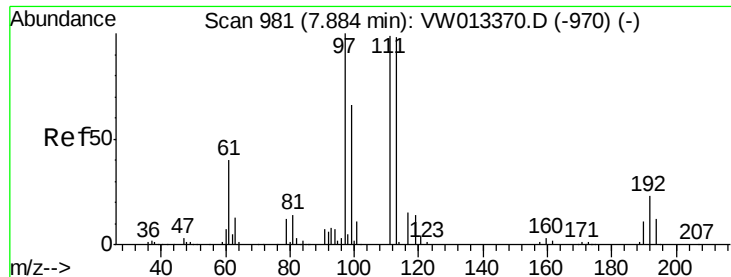
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.4

88 15.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 51.801 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

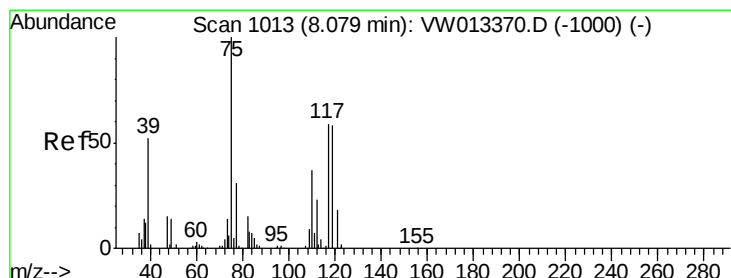
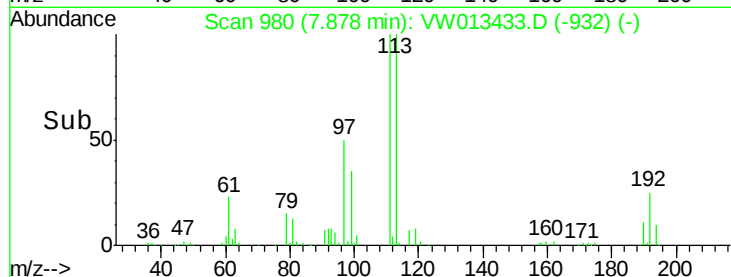
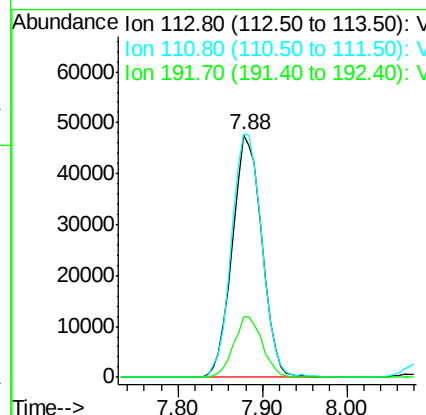
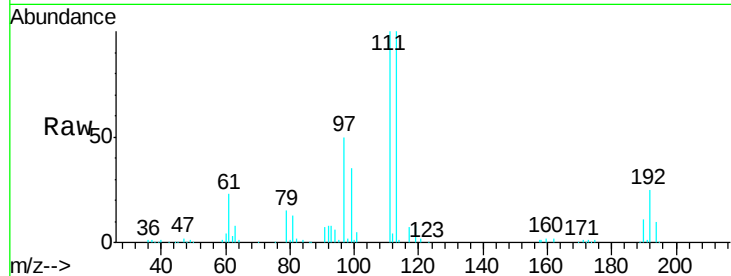
ClientSampleId :

VW1004SBS01

Tgt Ion:	113	Resp:	113340
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.9	122.9
192	24.1	19.1	28.7

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#36

1,1-Dichloropropene

Concen: 20.428 ug/l

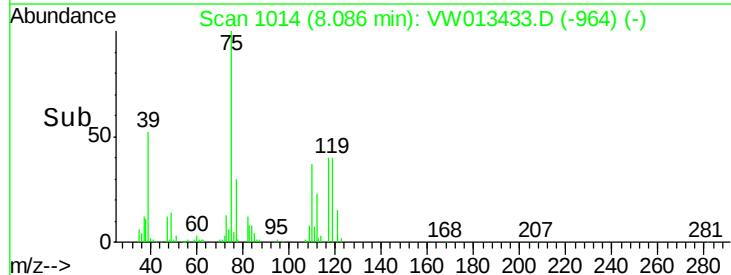
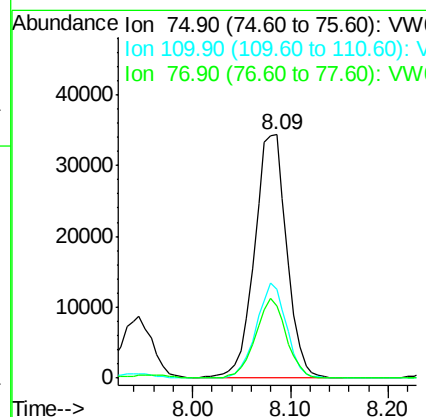
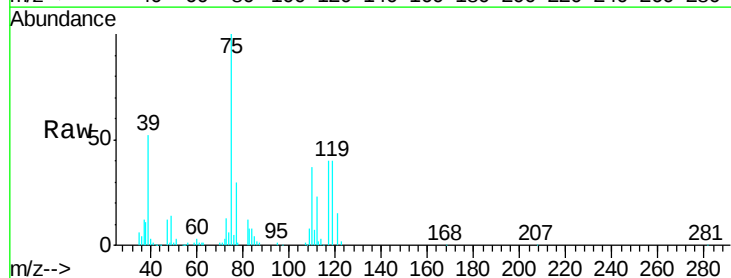
RT: 8.09 min Scan# 1014

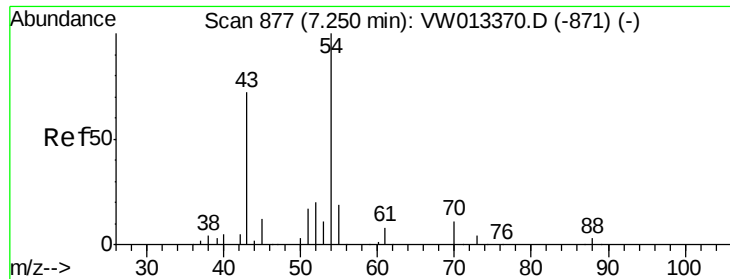
Delta R.T. 0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion:	75	Resp:	79116
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.3
77	31.1	25.8	38.6





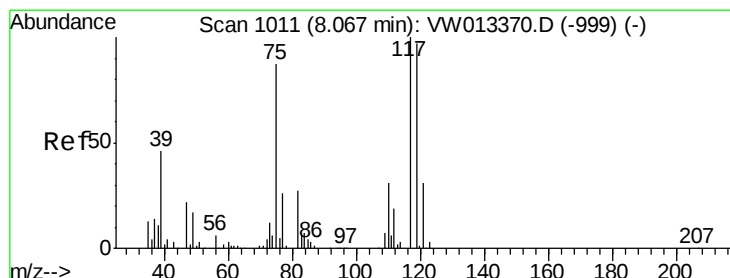
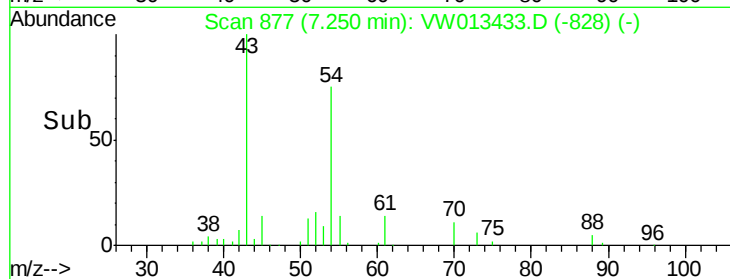
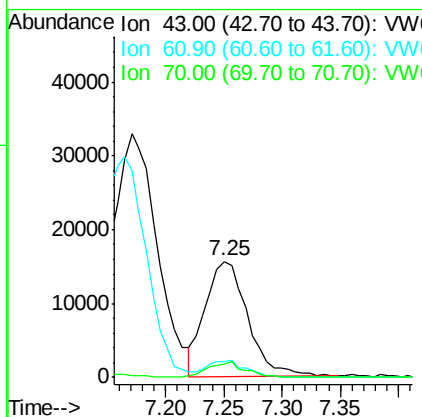
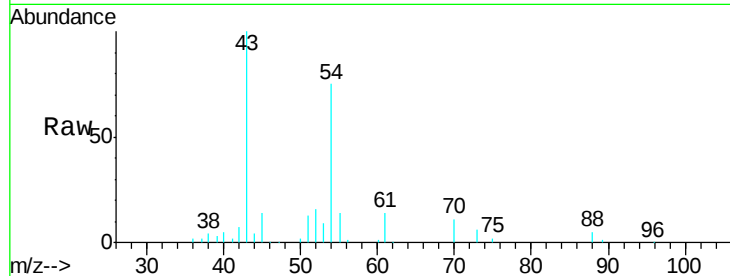
#37
Ethyl Acetate
Concen: 23.153 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.9	16.3
70	11.9	8.2	12.2

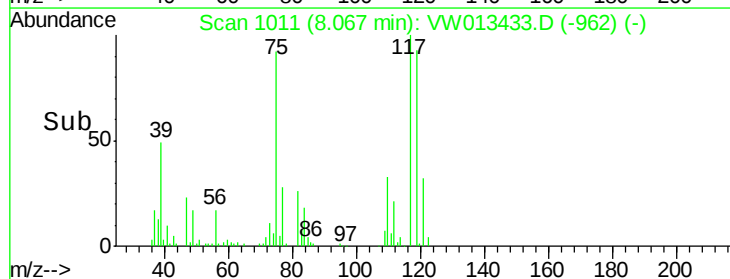
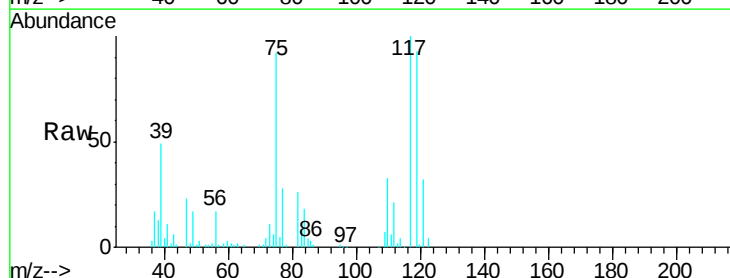
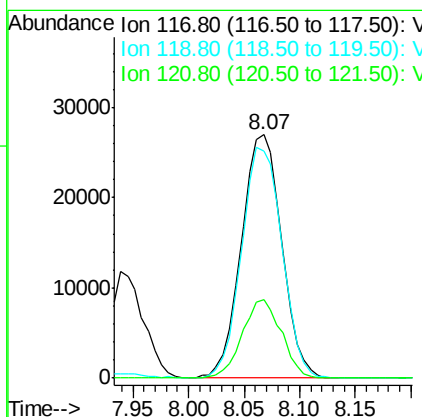
Manual Integrations
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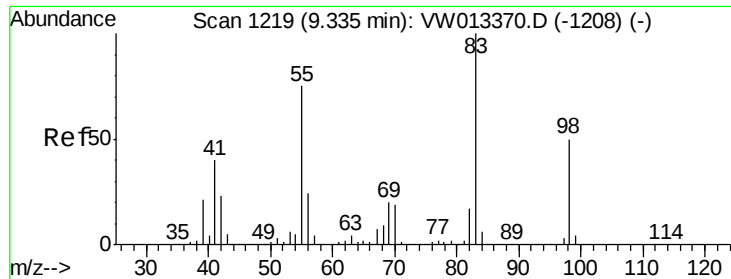
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#38
Carbon Tetrachloride
Concen: 20.304 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	73.5	110.3
121	32.1	25.0	37.6





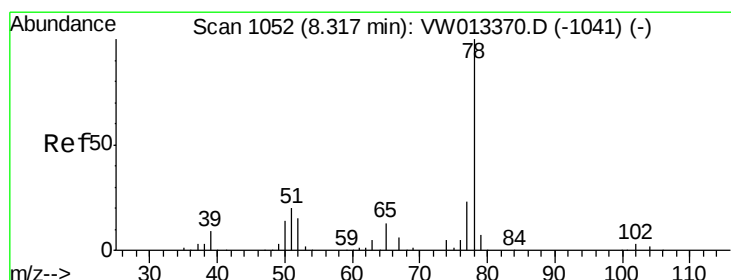
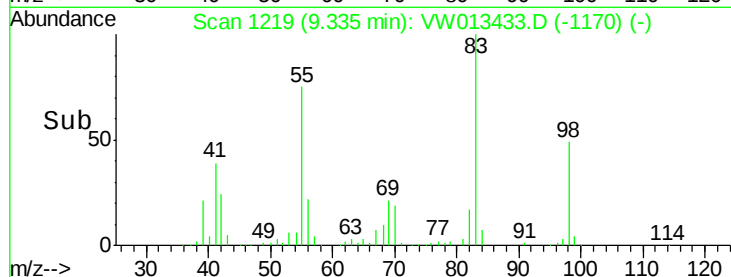
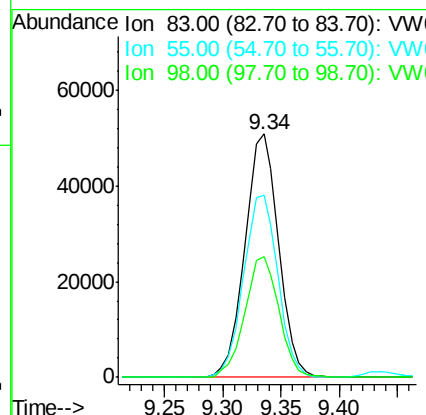
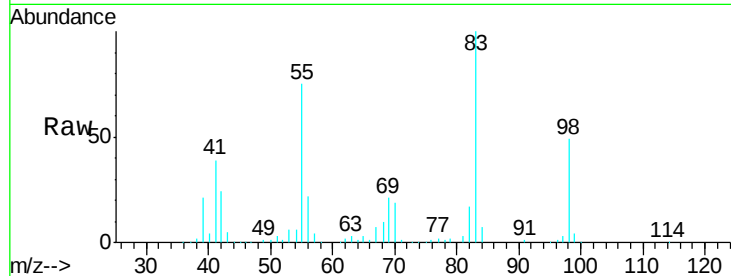
#39
Methylcyclohexane
Concen: 20.164 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	102847		
55	74.9	60.4	90.6	
98	49.4	40.0	60.0	

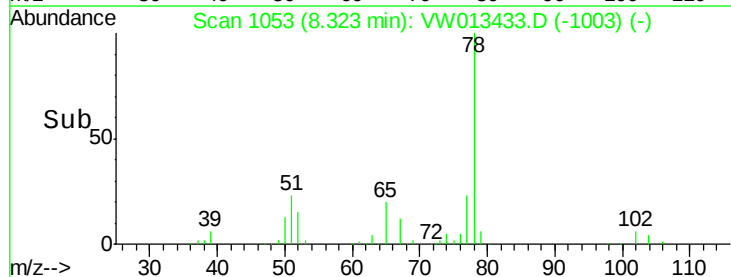
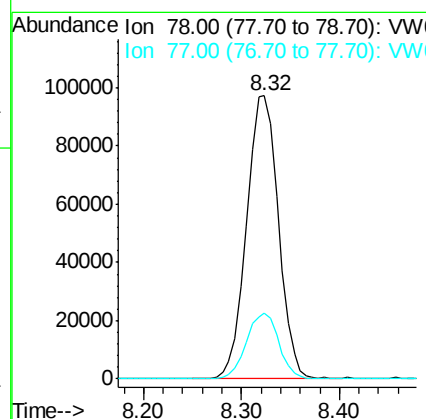
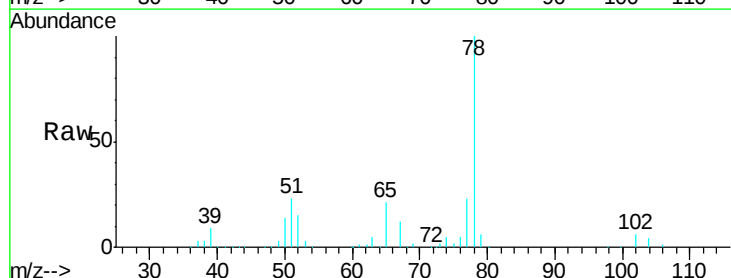
Manual Integrations
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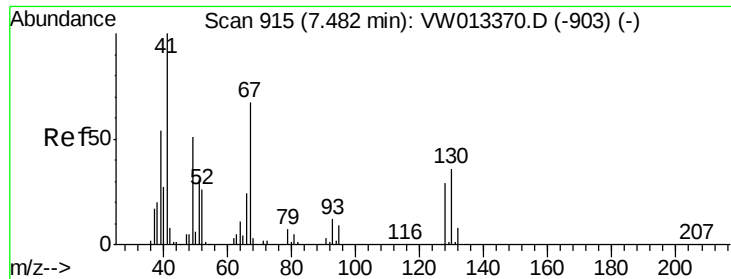
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#40
Benzene
Concen: 20.087 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	220220		
77	23.4	19.1	28.7	





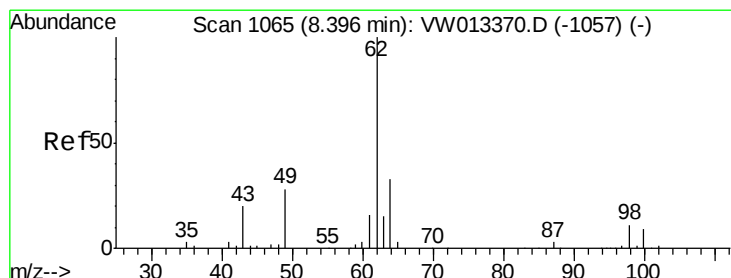
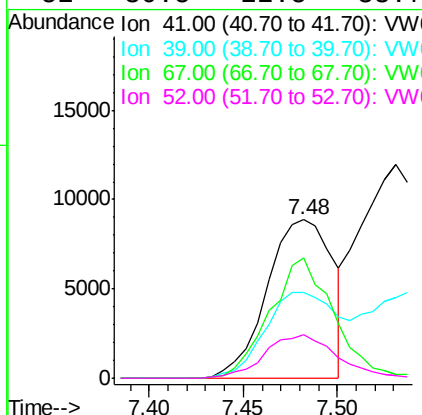
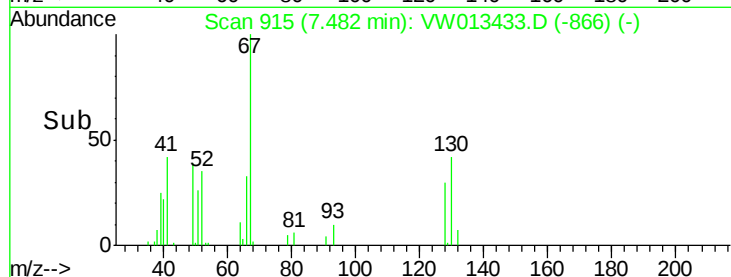
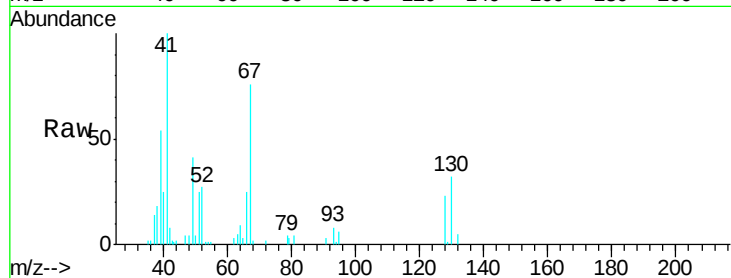
#41
Methacrylonitrile
Concen: 20.854 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	61.4	45.9	68.9
67	73.3	54.5	81.7
52	30.5	22.5	33.7

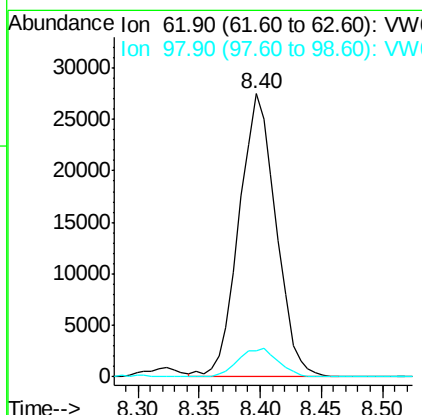
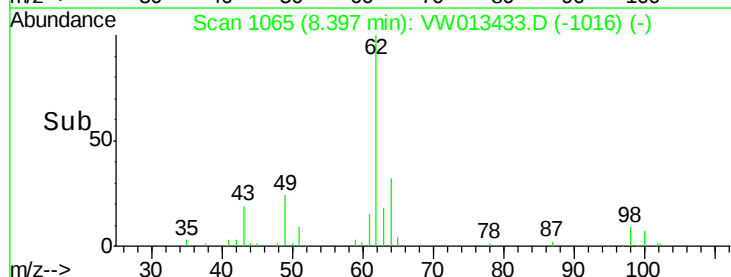
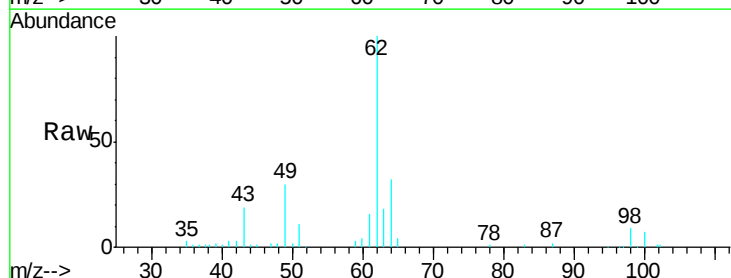
Manual Integrations
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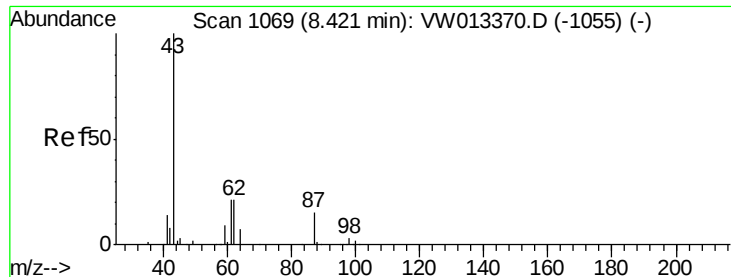
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#42
1,2-Dichloroethane
Concen: 20.485 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	20.6





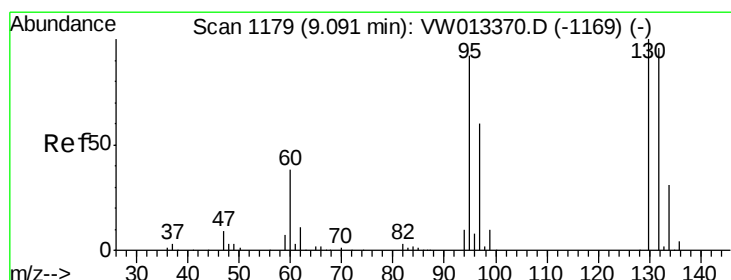
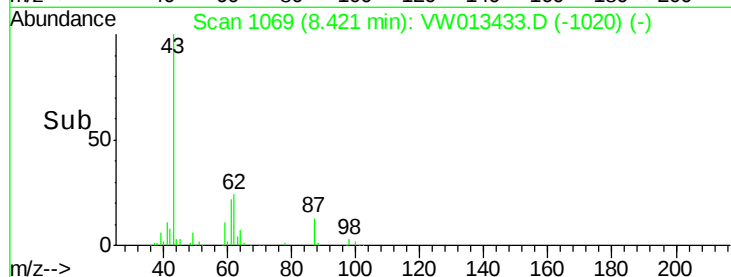
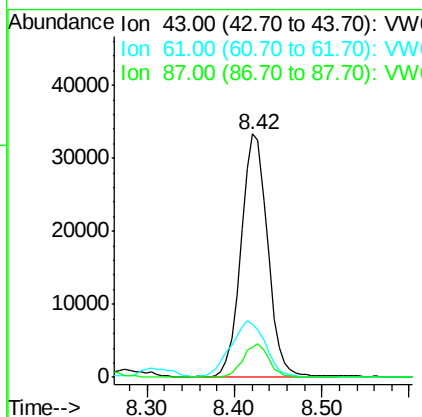
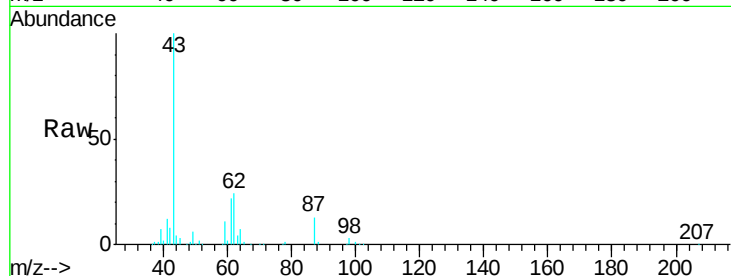
#43
Isopropyl Acetate
Concen: 22.014 ug/l
RT: 8.42 min Scan# 1069
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	30.3	25.5	38.3
87	13.3	11.0	16.4

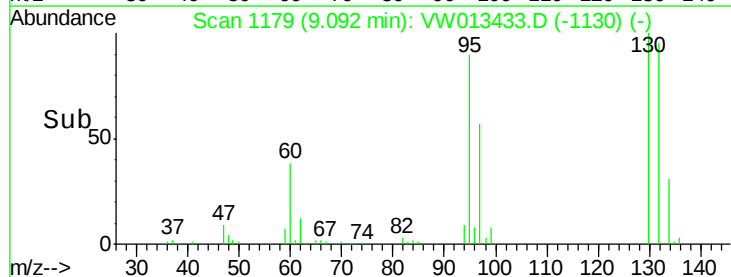
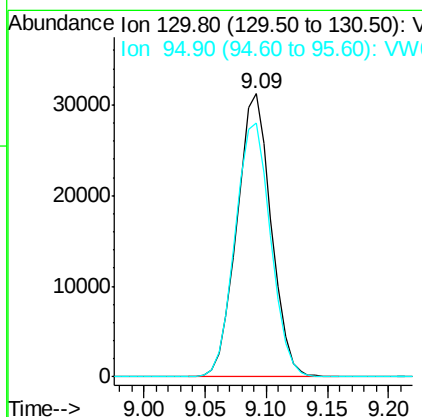
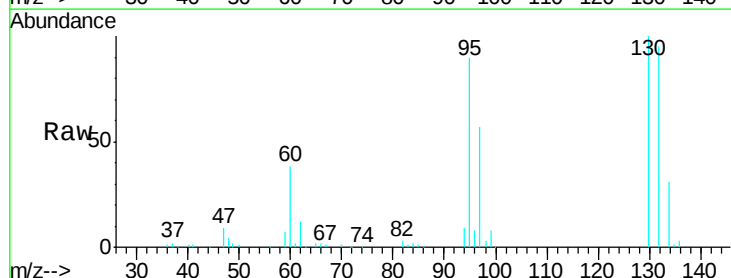
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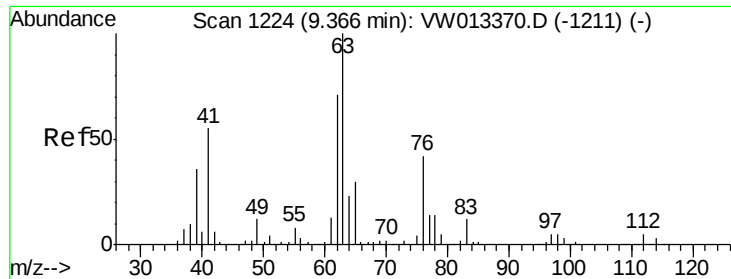
MMDadoda
10/9/2019 11:48:13 AM



#44
Trichloroethene
Concen: 19.655 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	188.0





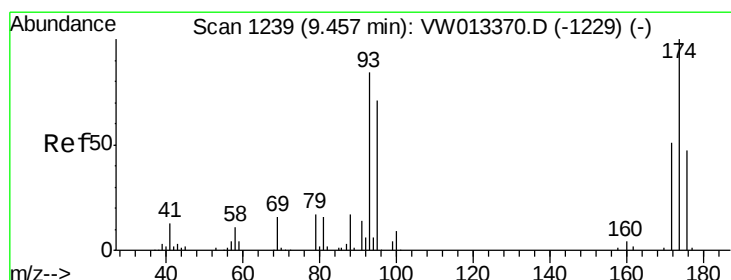
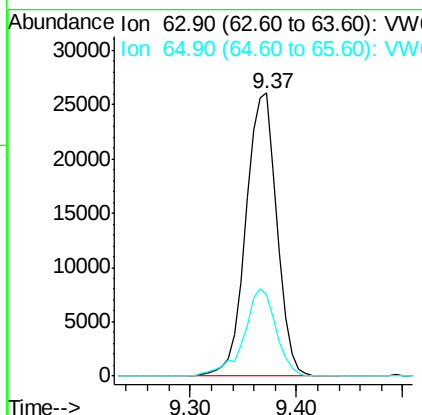
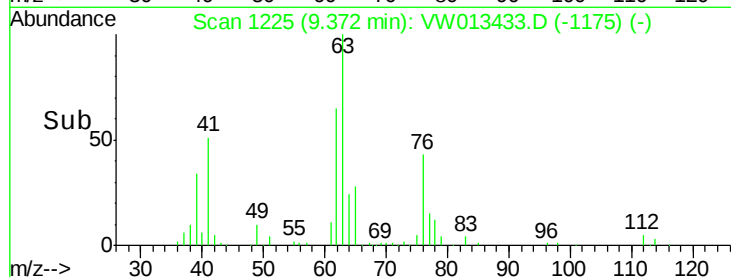
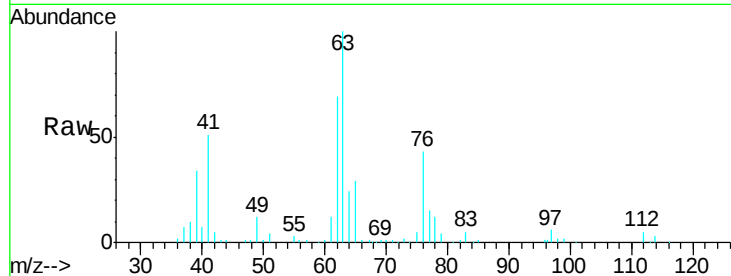
#45
 1,2-Dichloropropane
 Concen: 20.260 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion: 63 Resp: 53332
 Ion Ratio Lower Upper
 63 100
 65 28.7 25.3 37.9

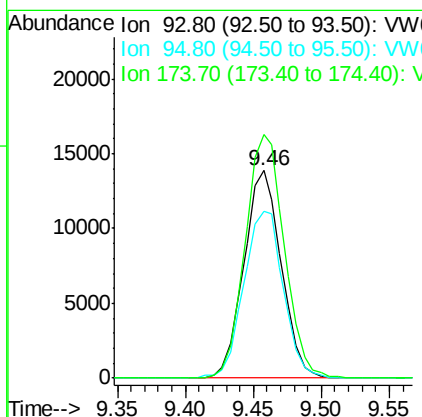
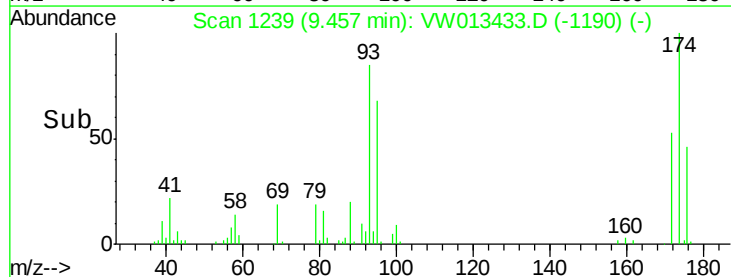
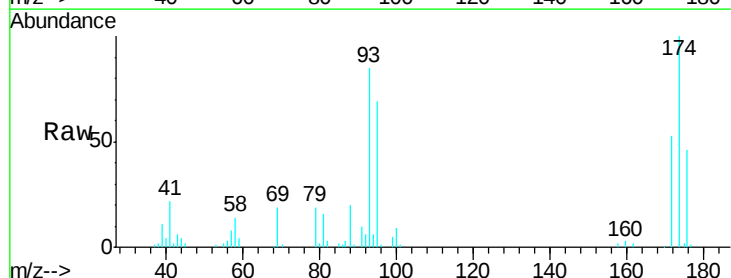
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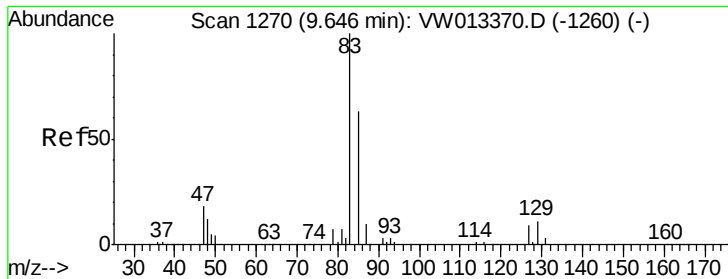
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 10/9/2019 11:48:13 AM



#46
 Dibromomethane
 Concen: 20.317 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Tgt Ion: 93 Resp: 26639
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.4 99.6
 174 122.9 93.0 139.6





#47

Bromodichloromethane

Concen: 19.860 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

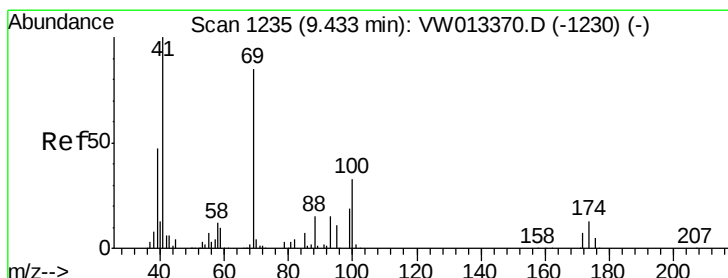
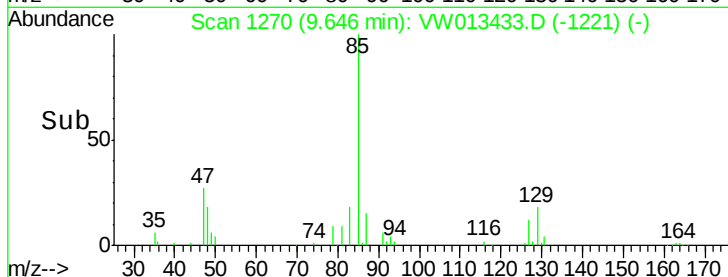
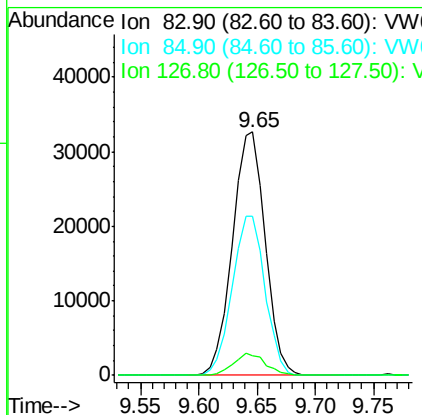
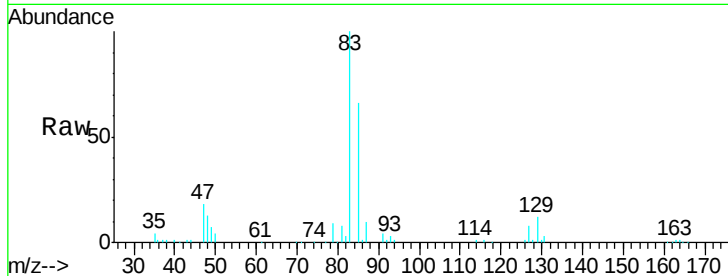
ClientSampleId :

VW1004SBS01

Tgt Ion:	83	Resp:	64101
Ion	Ratio	Lower	Upper
83	100		
85	65.5	49.4	74.2
127	8.0	6.5	9.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 22.483 ug/l

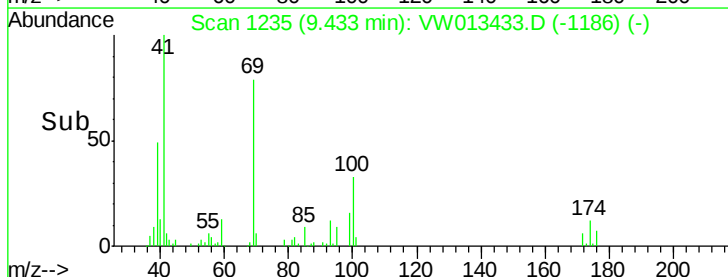
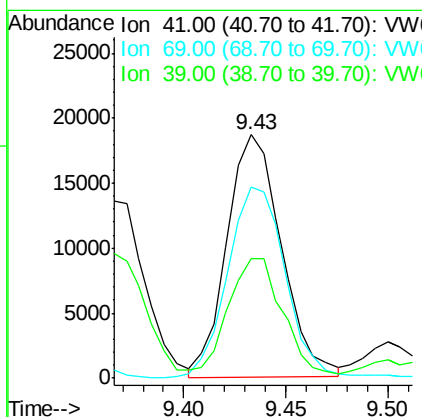
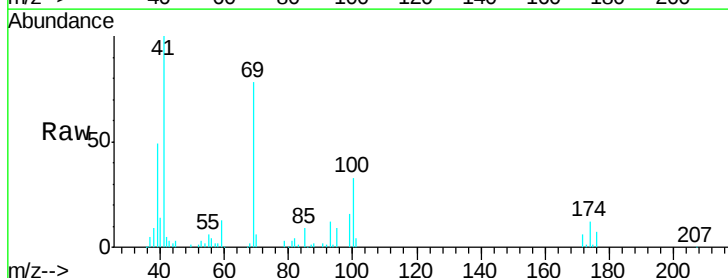
RT: 9.43 min Scan# 1235

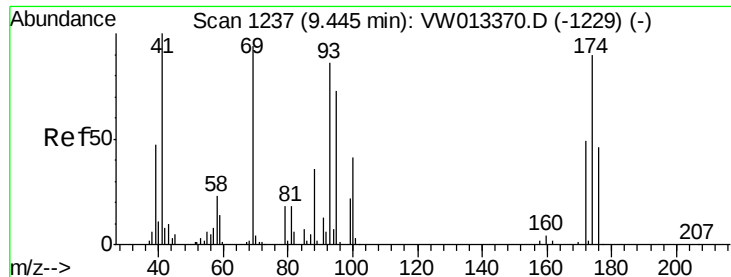
Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion:	41	Resp:	34753
Ion	Ratio	Lower	Upper
41	100		
69	83.2	69.7	104.5
39	46.6	41.1	61.7





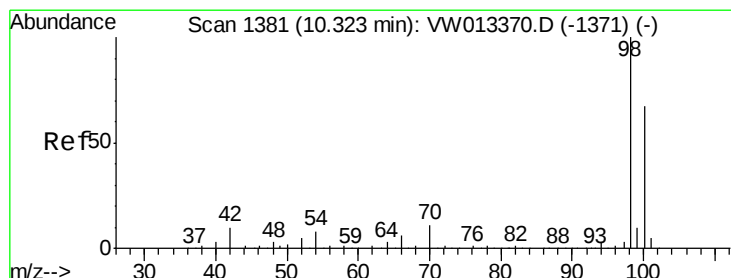
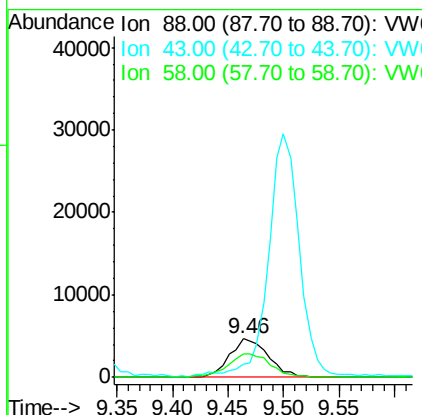
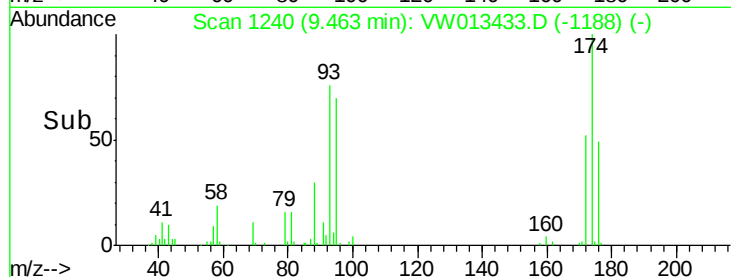
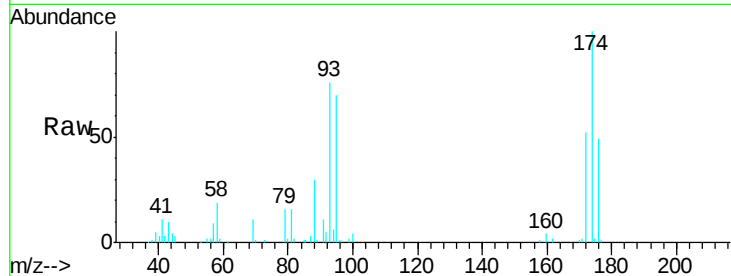
#49
1,4-Dioxane
Concen: 549.474 ug/l
RT: 9.46 min Scan# 1240
Delta R.T. 0.02 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
88	100	11300		
43	0.0	0.0	0.0	0.0
58	67.8	65.4	98.0	

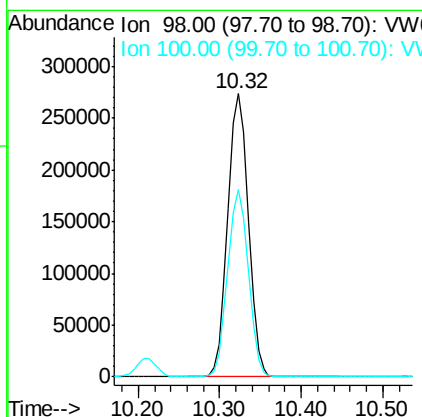
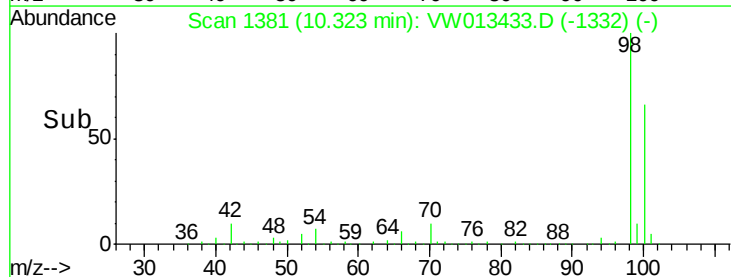
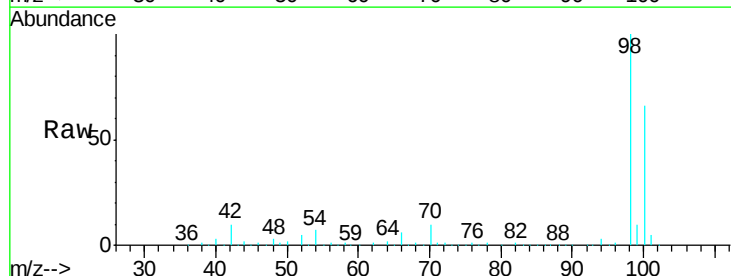
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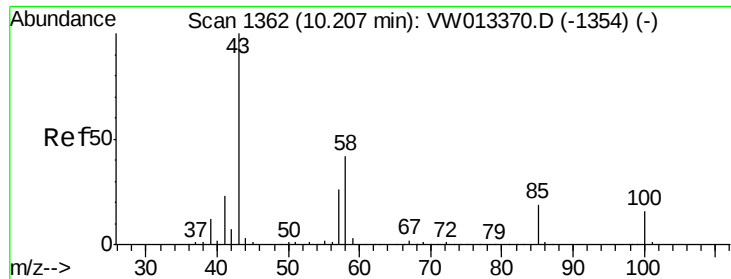
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#50
Toluene-d8
Concen: 52.561 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
98	100	477245		
100	66.3	52.9	79.3	





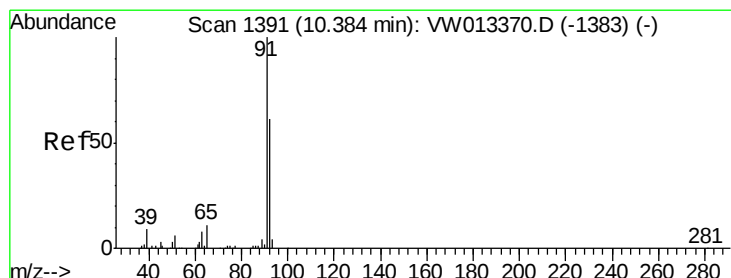
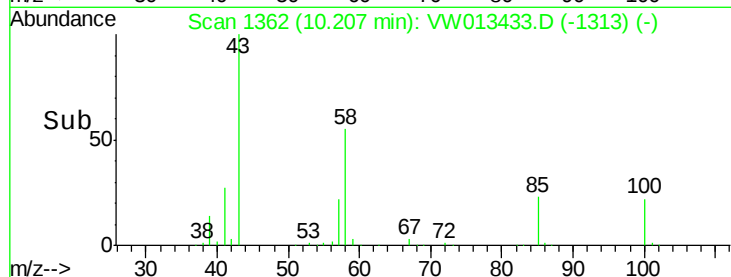
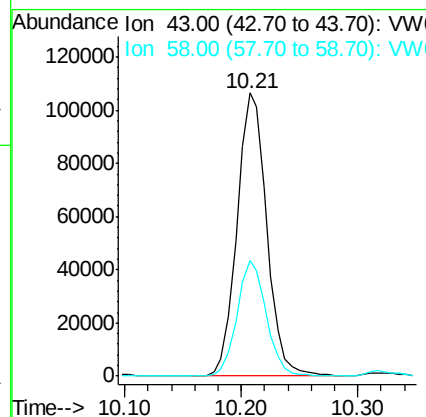
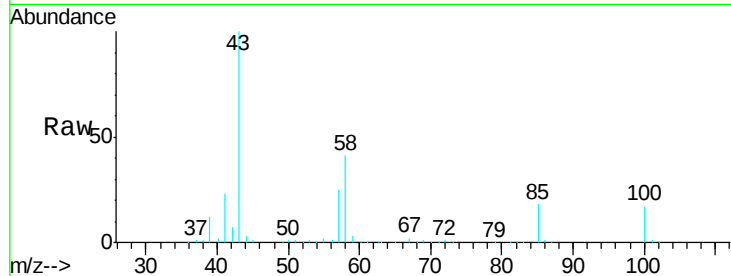
#51
4-Methyl-2-Pentanone
Concen: 111.423 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 43 Resp: 188331
Ion Ratio Lower Upper
43 100
58 40.5 31.7 47.5

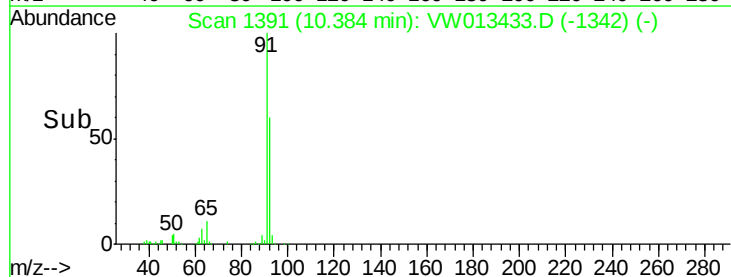
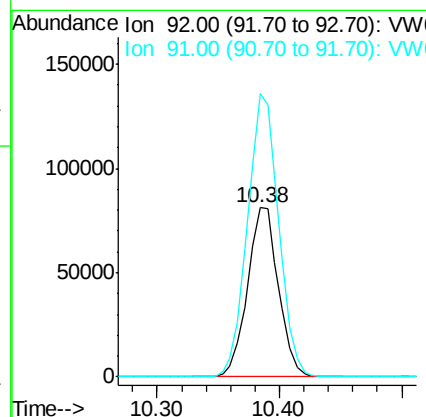
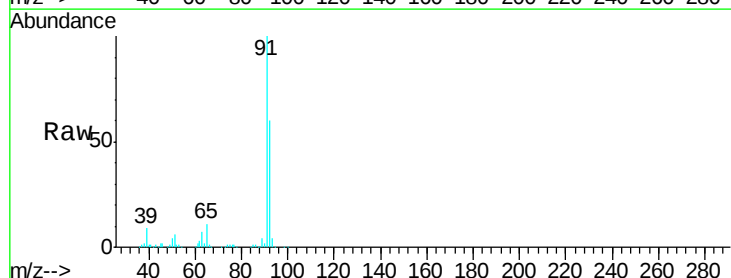
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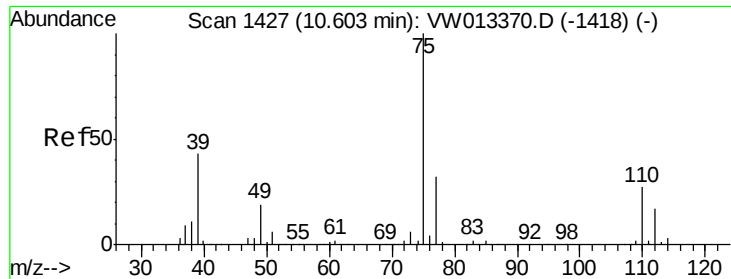
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#52
Toluene
Concen: 20.167 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 92 Resp: 142614
Ion Ratio Lower Upper
92 100
91 168.1 135.7 203.5





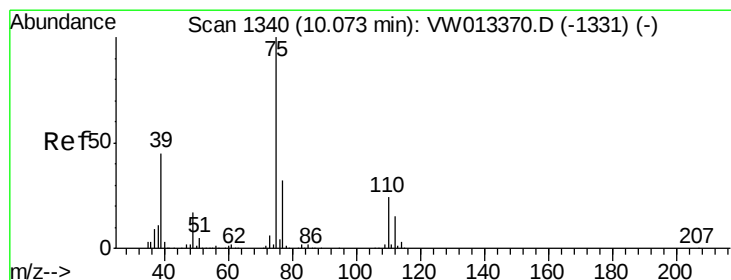
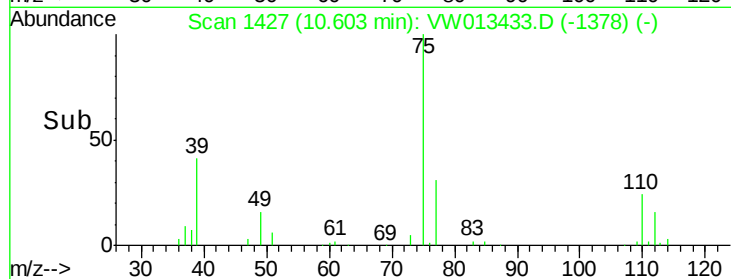
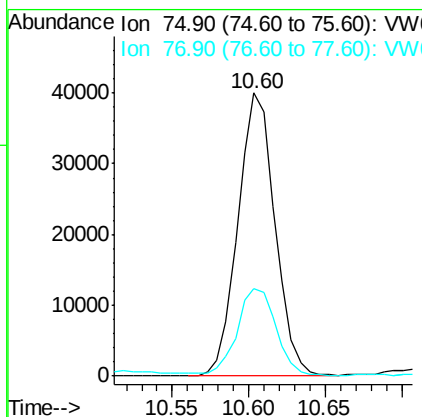
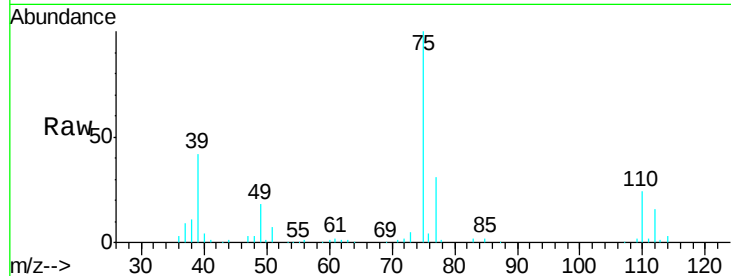
#53
t-1,3-Dichloropropene
Concen: 20.044 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 75 Resp: 67293
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3

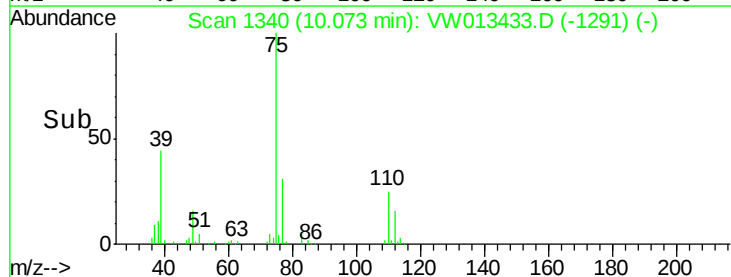
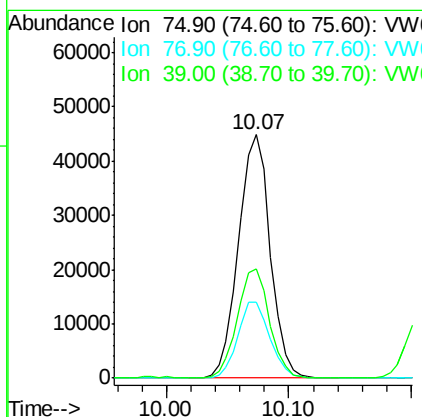
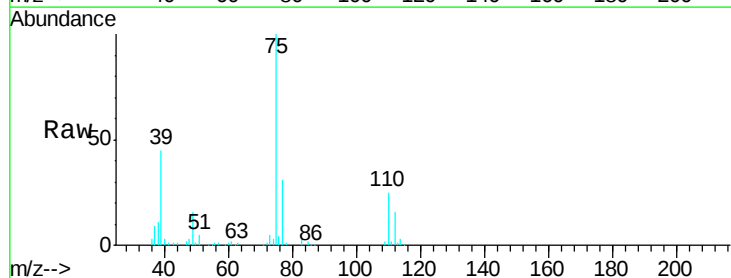
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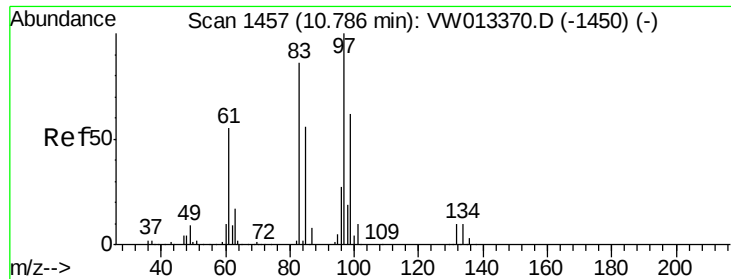
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#54
cis-1,3-Dichloropropene
Concen: 19.785 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 75 Resp: 80537
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
39 44.9 36.6 55.0





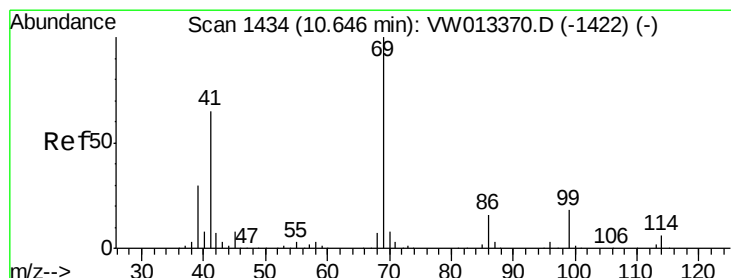
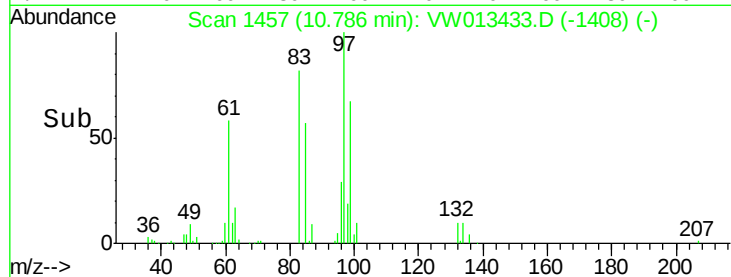
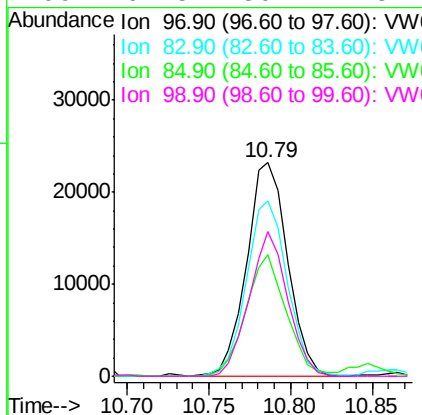
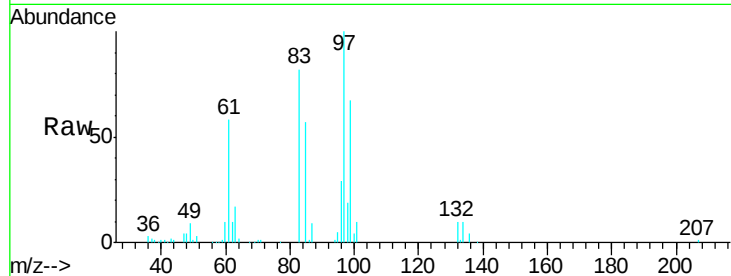
#55
 1,1,2-Trichloroethane
 Concen: 20.826 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	40734		
83	81.9	67.6	101.4	
85	56.9	41.9	62.9	
99	67.5	50.1	75.1	

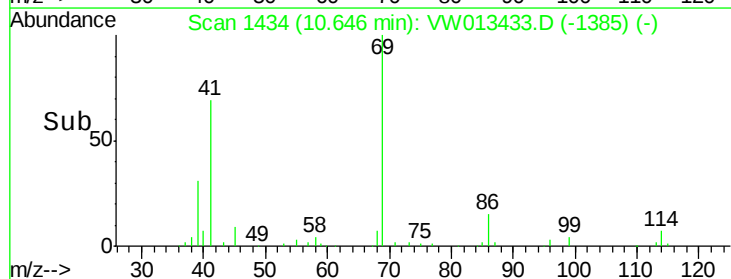
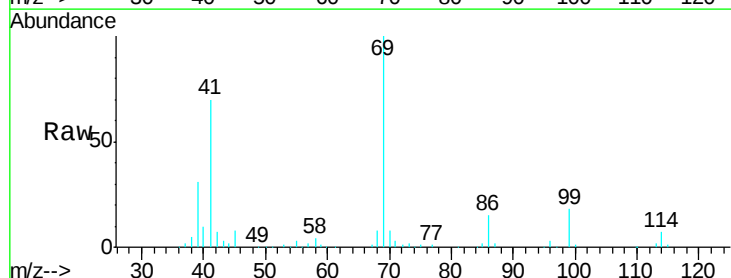
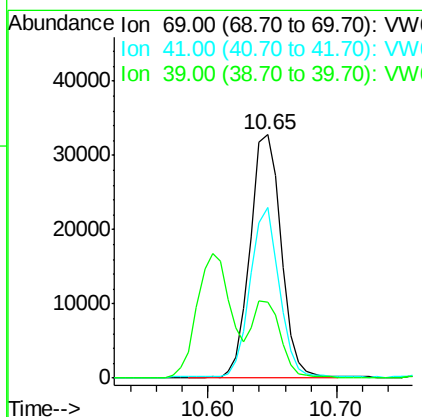
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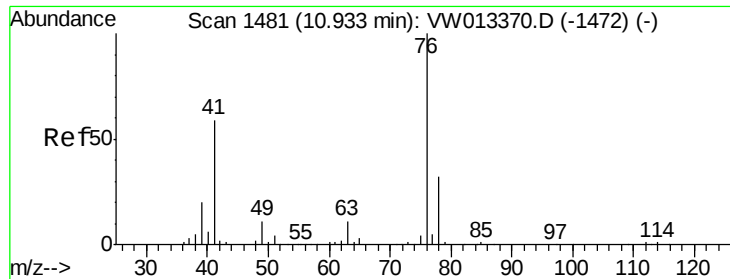
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#56
 Ethyl methacrylate
 Concen: 20.733 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	54582		
41	64.8	53.9	80.9	
39	29.8	23.8	35.6	





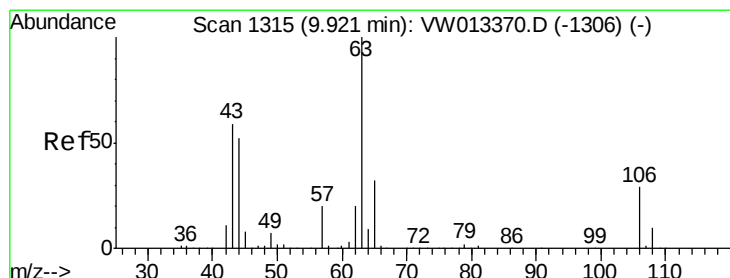
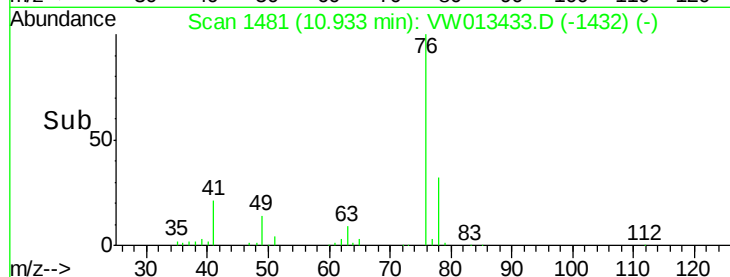
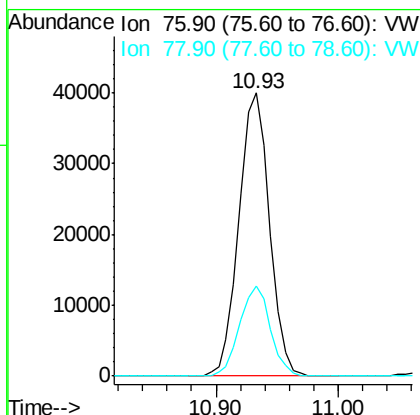
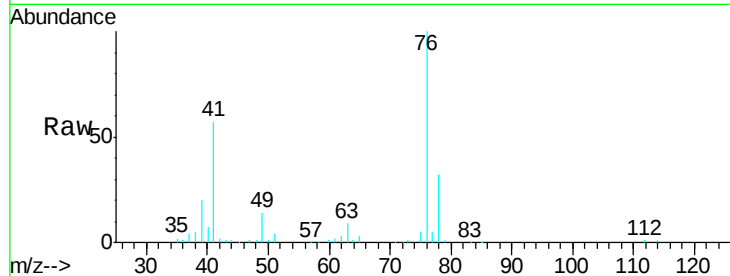
#57
 1,3-Dichloropropane
 Concen: 20.411 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion: 76 Resp: 69403
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.5 38.3

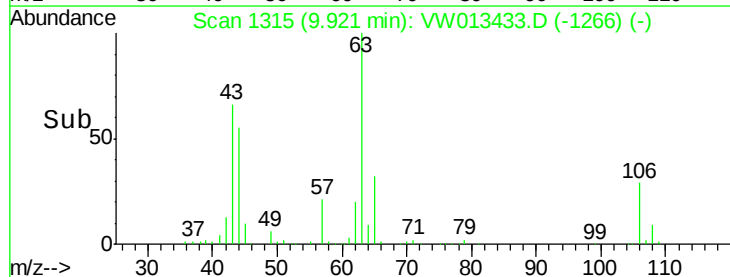
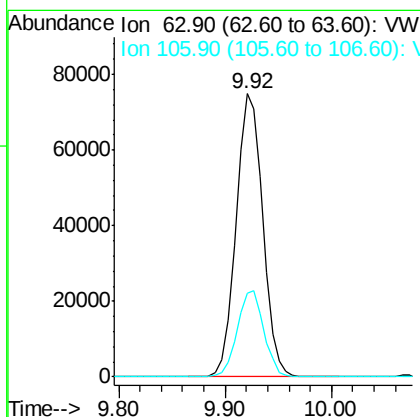
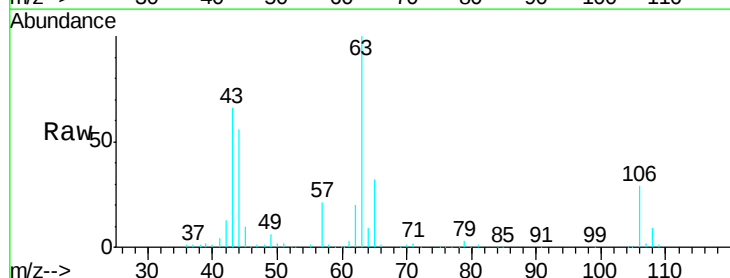
Manual Integrations
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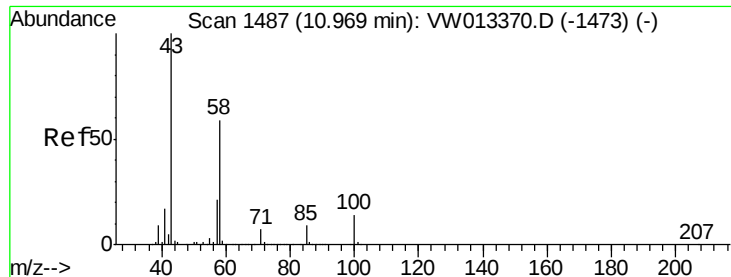
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#58
 2-Chloroethyl Vinyl ether
 Concen: 121.794 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Tgt Ion: 63 Resp: 131712
 Ion Ratio Lower Upper
 63 100
 106 30.4 23.4 35.0





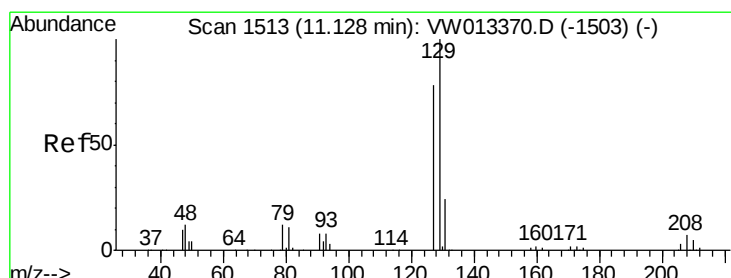
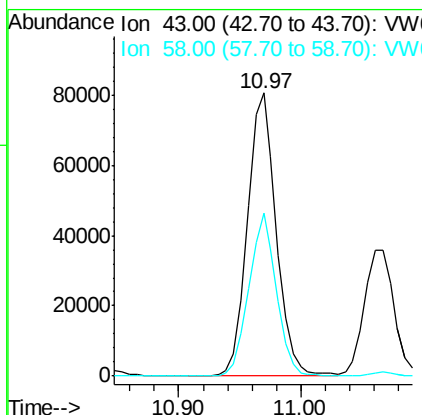
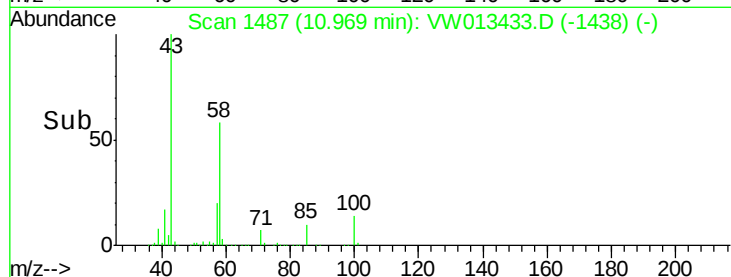
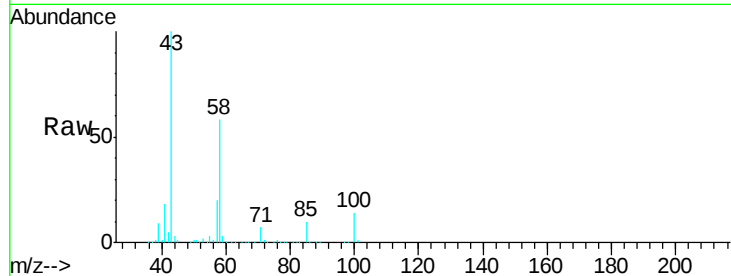
#59
2-Hexanone
Concen: 112.585 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 43 Resp: 131899
Ion Ratio Lower Upper
43 100
58 55.2 28.1 84.2

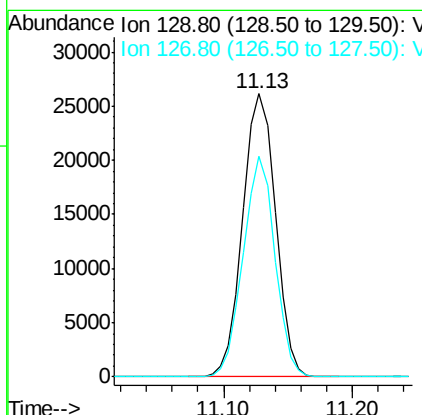
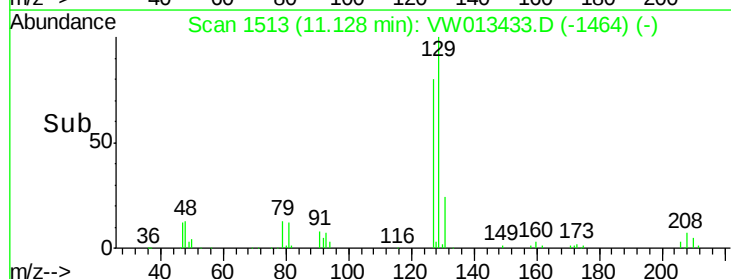
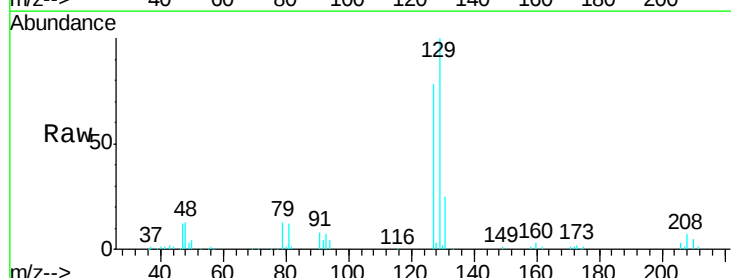
Manual Integrations
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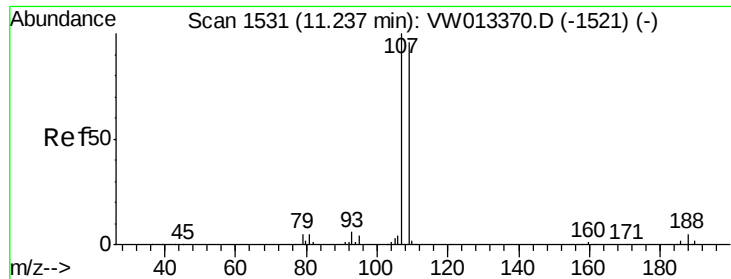
MMDadoda
10/9/2019 11:48:13 AM



#60
Dibromochloromethane
Concen: 20.666 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 129 Resp: 46243
Ion Ratio Lower Upper
129 100
127 75.1 38.8 116.4





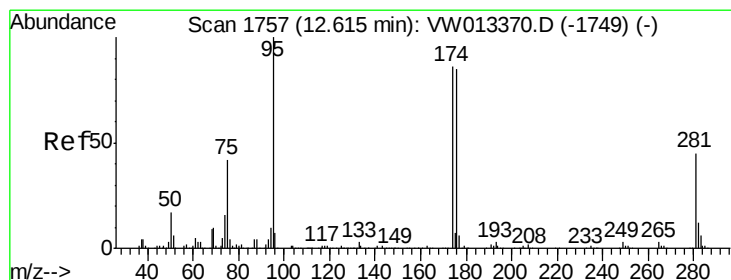
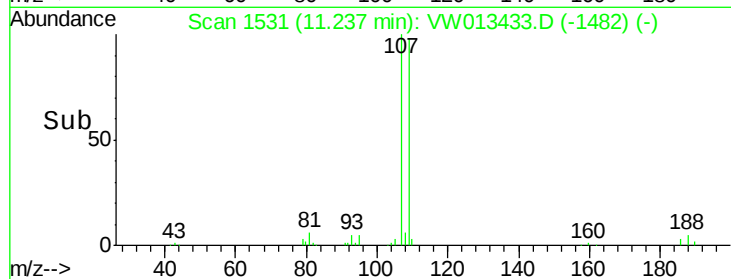
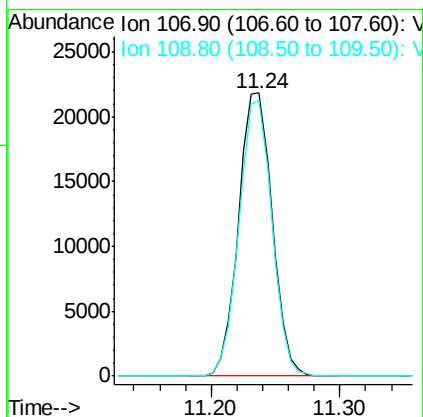
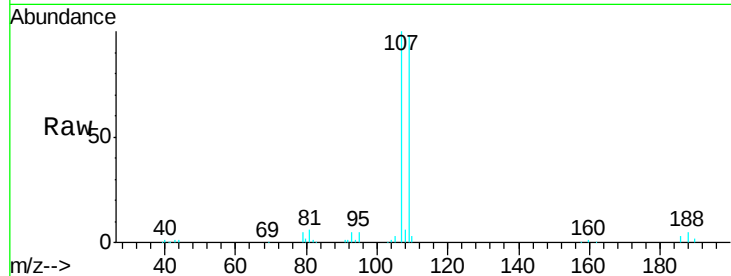
#61
1,2-Dibromoethane
Concen: 20.835 ug/l
RT: 11.24 min Scan# 1531
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 107 Resp: 39379
Ion Ratio Lower Upper
107 100
109 95.4 75.2 112.8

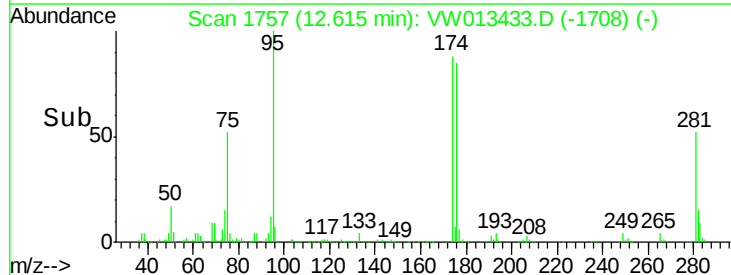
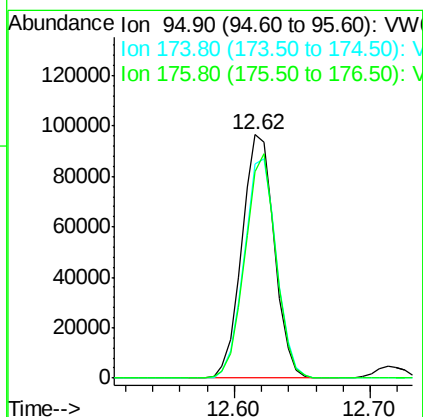
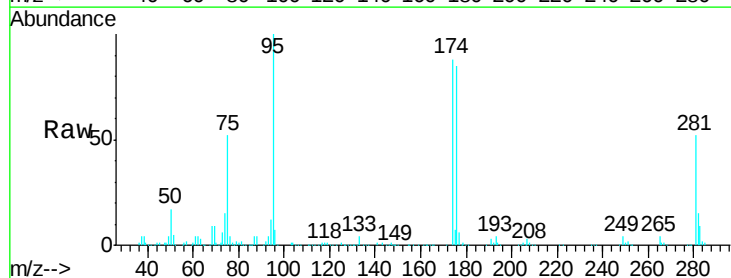
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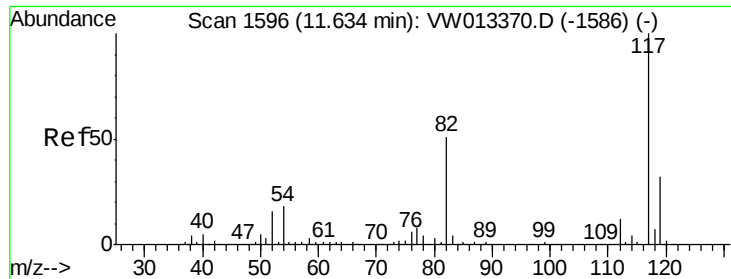
MMDadoda
10/9/2019 11:48:13 AM



#62
4-Bromofluorobenzene
Concen: 53.003 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 95 Resp: 160710
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.4
176 88.2 0.0 172.2





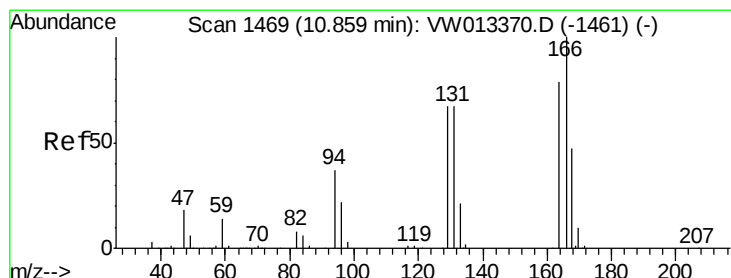
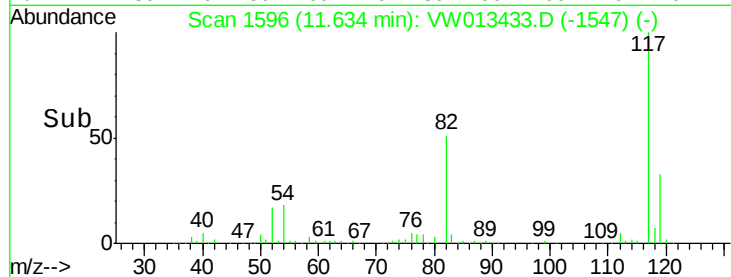
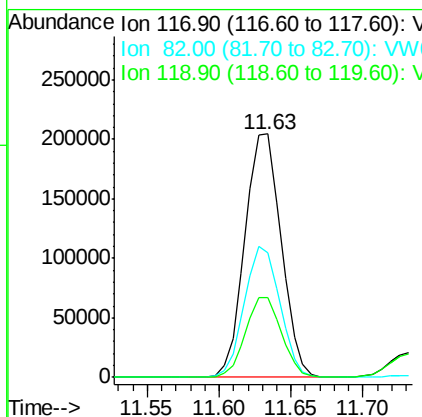
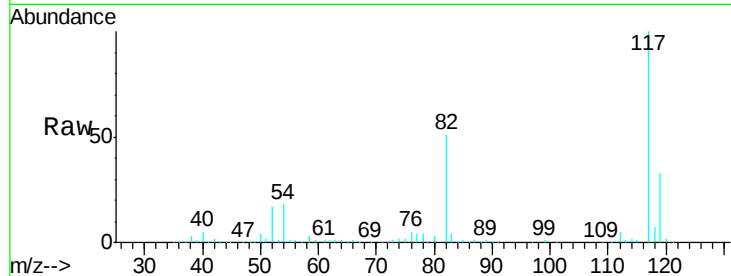
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	45.9	68.9
119	32.9	26.2	39.2

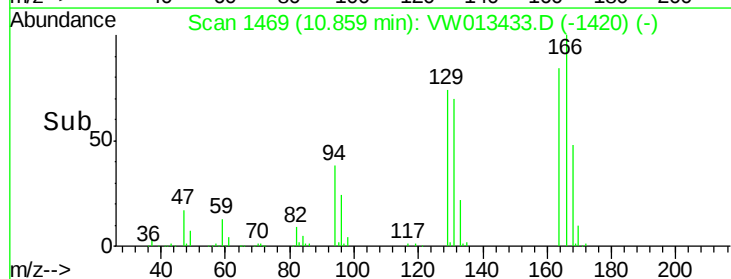
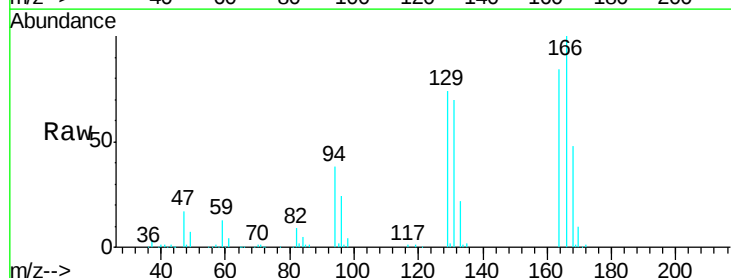
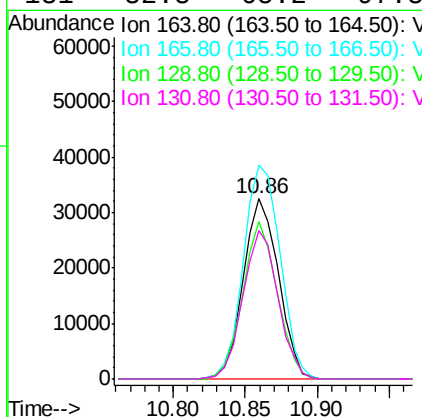
Manual Integrations
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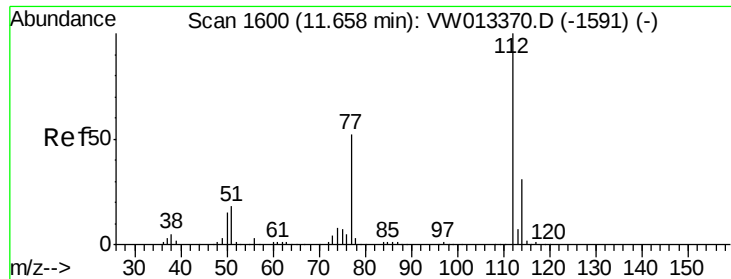
MMDadoda
10/9/2019 11:48:13 AM



#64
Tetrachloroethene
Concen: 20.150 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.7	101.2	151.8
129	87.5	68.8	103.2
131	82.8	65.2	97.8





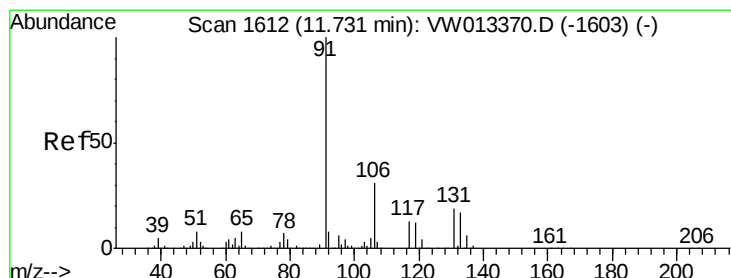
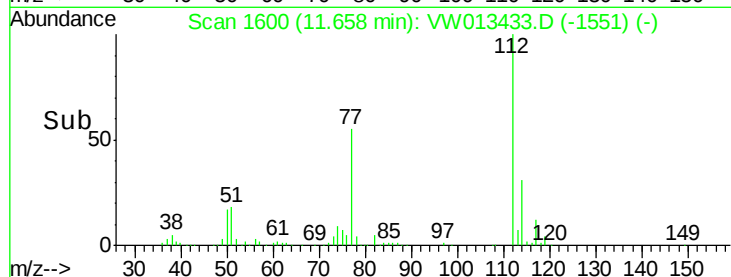
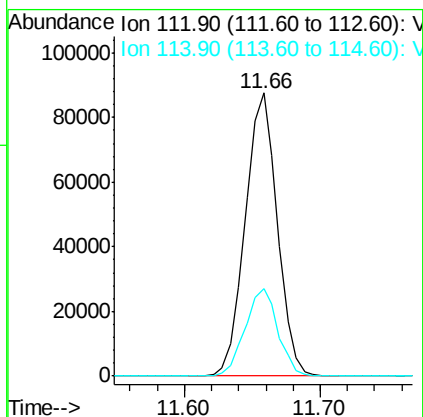
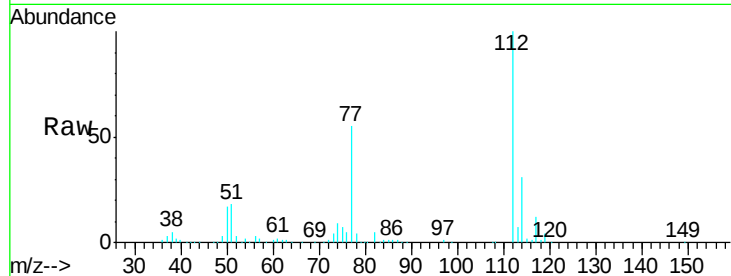
#65
Chlorobenzene
Concen: 19.769 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion:112 Resp: 144681
Ion Ratio Lower Upper
112 100
114 30.9 26.5 39.7

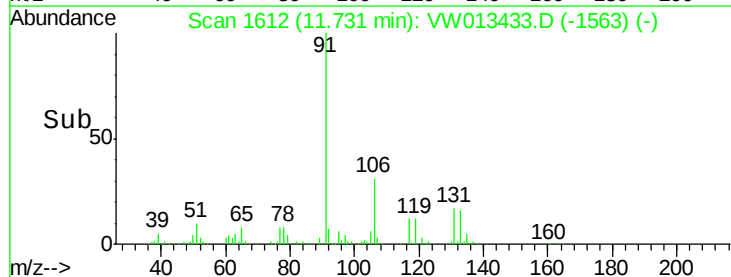
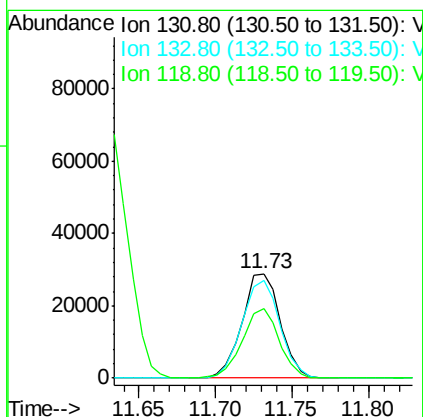
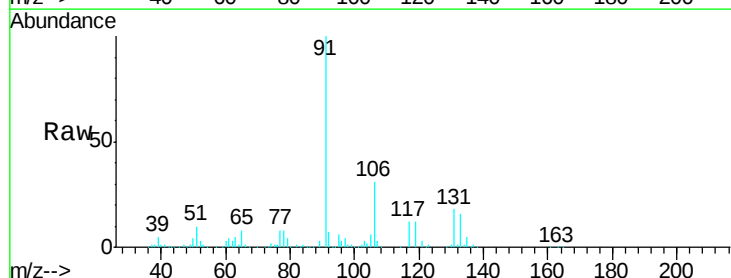
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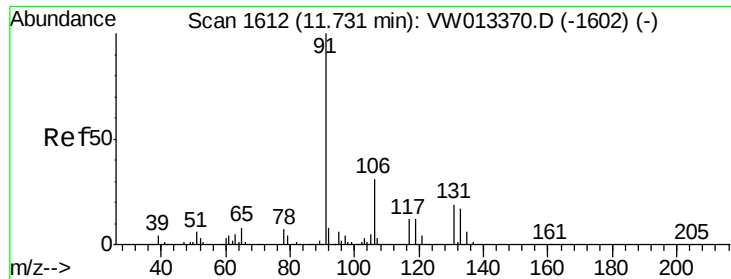
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.094 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion:131 Resp: 50087
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.6
119 65.0 32.5 97.5





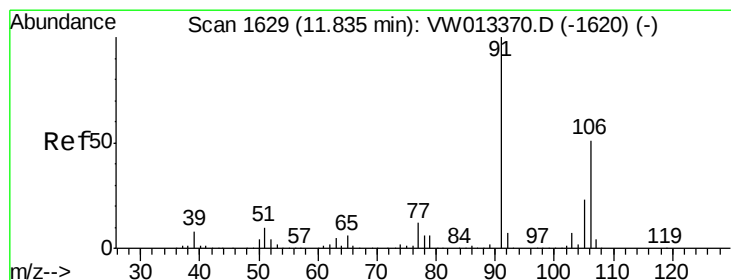
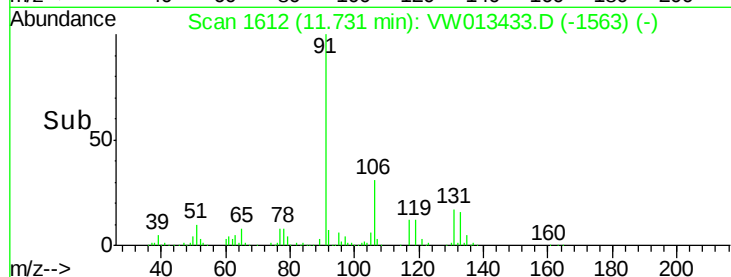
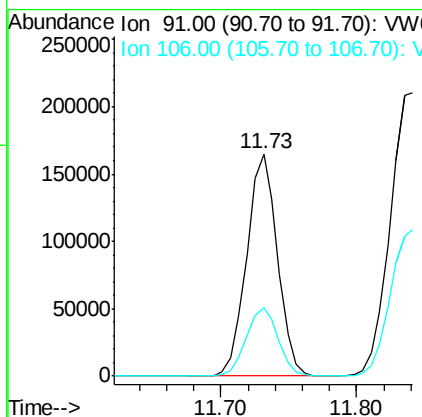
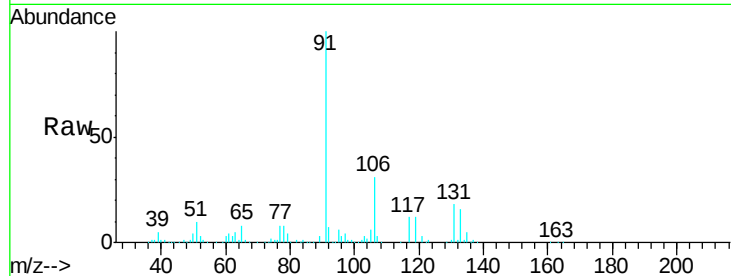
#67
Ethyl Benzene
Concen: 19.910 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion: 91 Resp: 261146
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

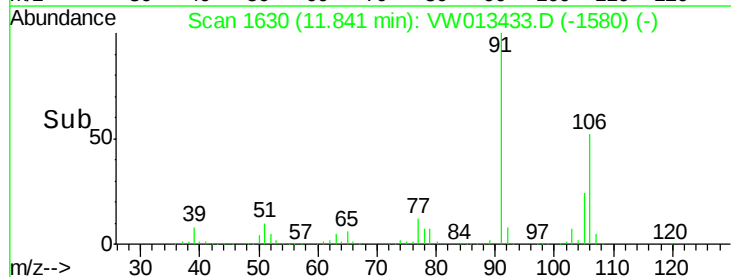
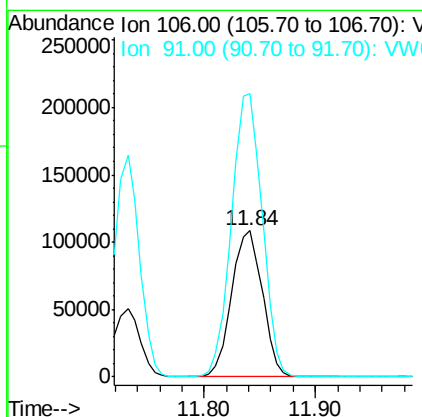
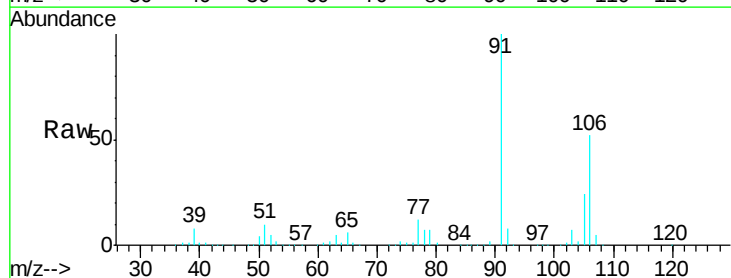
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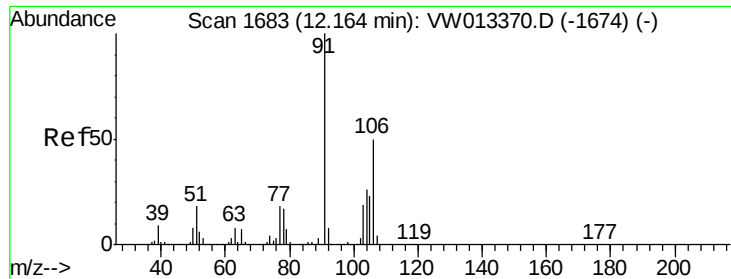
MMDadoda
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#68
m/p-Xylenes
Concen: 41.013 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.01 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion: 106 Resp: 207639
Ion Ratio Lower Upper
106 100
91 193.3 157.9 236.9





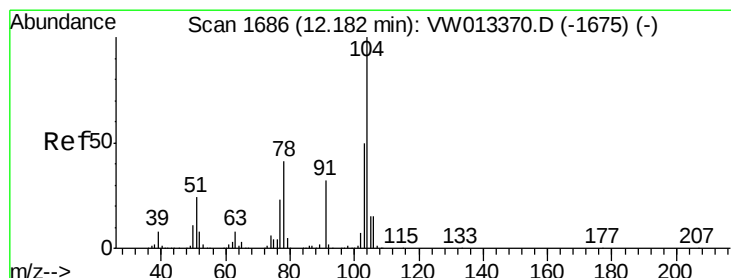
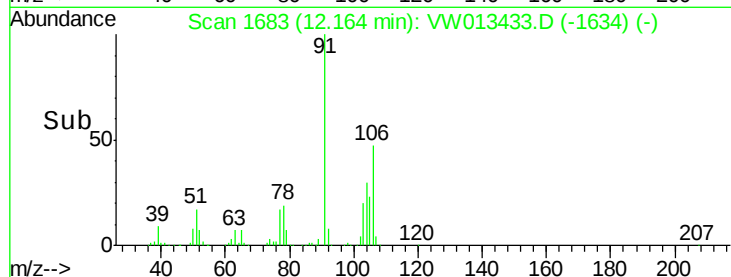
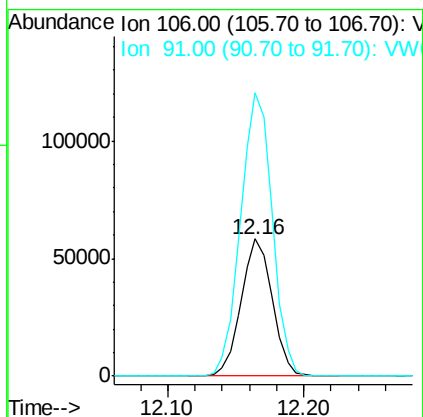
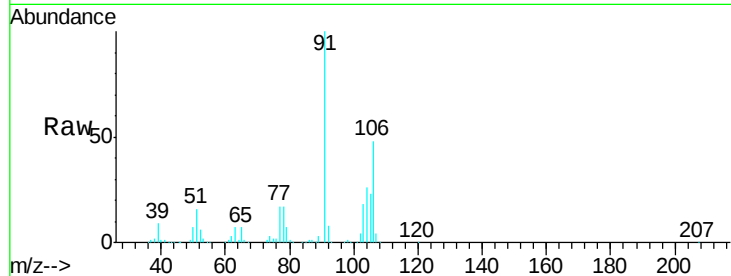
#69
o-Xylene
Concen: 19.994 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion:106 Resp: 93592
Ion Ratio Lower Upper
106 100
91 209.7 106.5 319.5

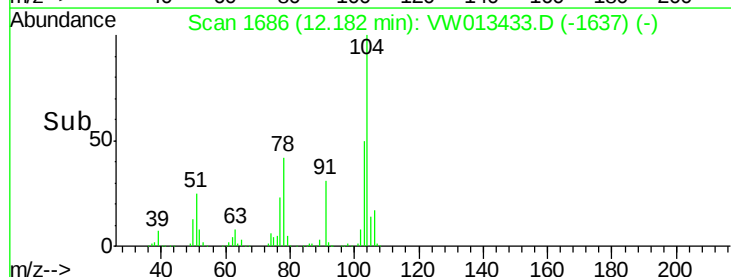
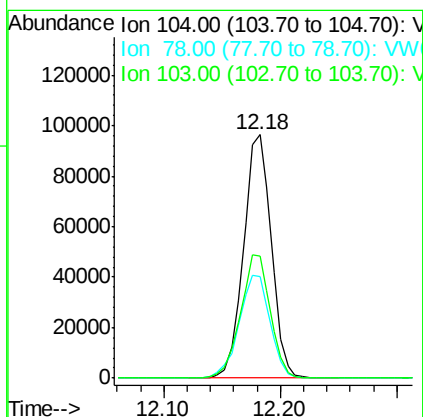
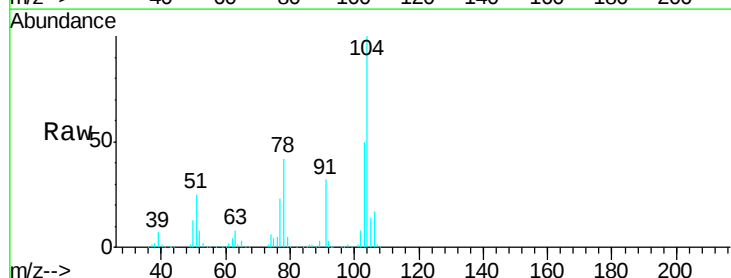
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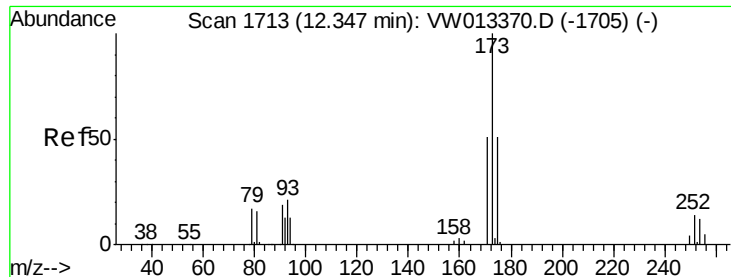
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#70
Styrene
Concen: 20.033 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion:104 Resp: 160300
Ion Ratio Lower Upper
104 100
78 47.0 38.4 57.6
103 54.4 43.3 64.9





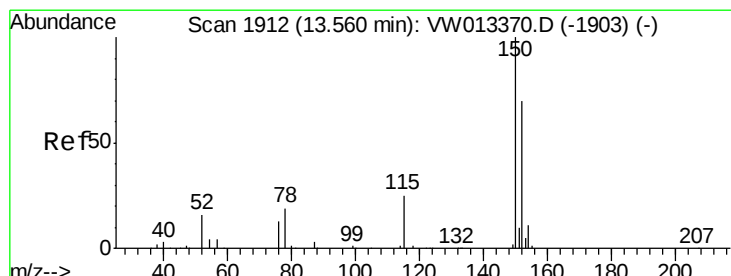
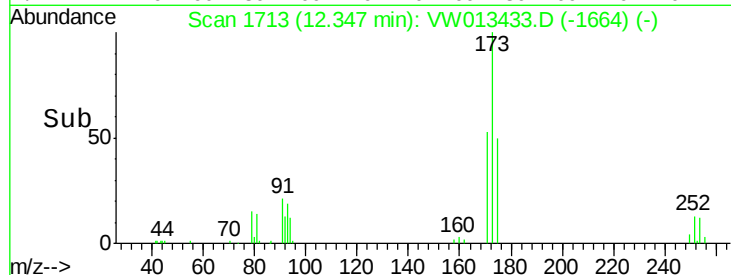
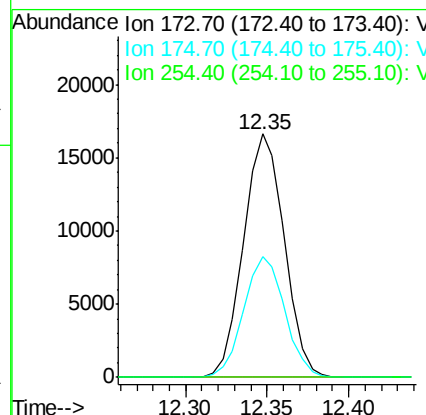
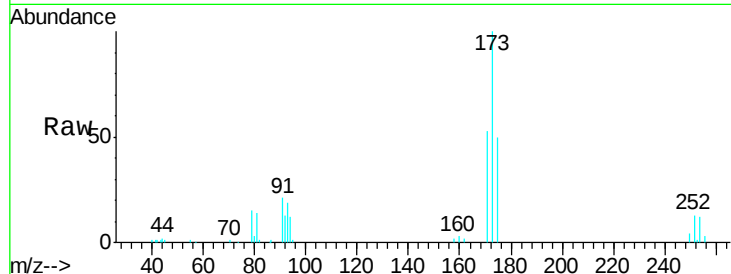
#71
Bromoform
Concen: 21.349 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.3	73.0
254	0.0	0.1	0.1#

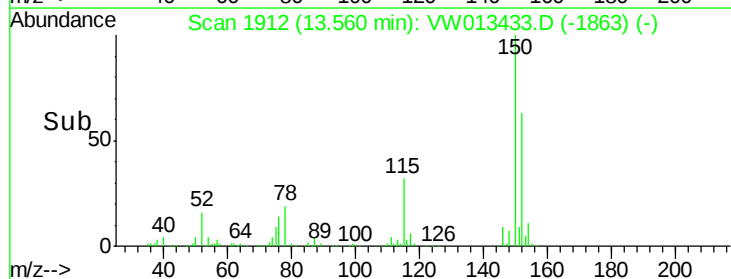
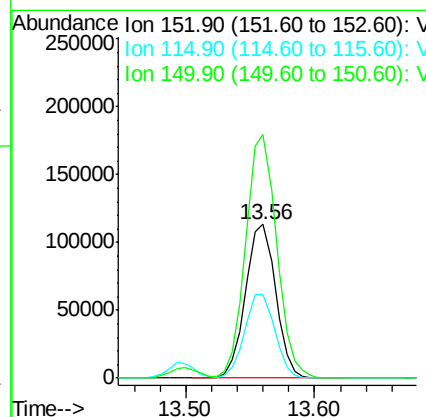
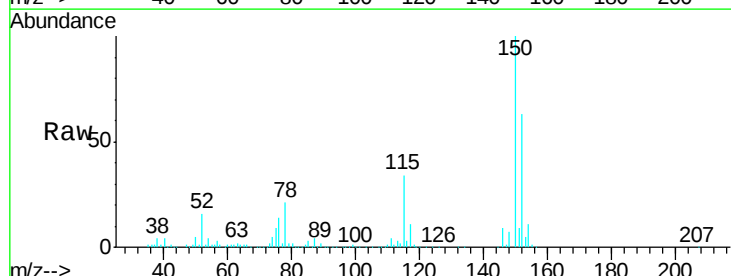
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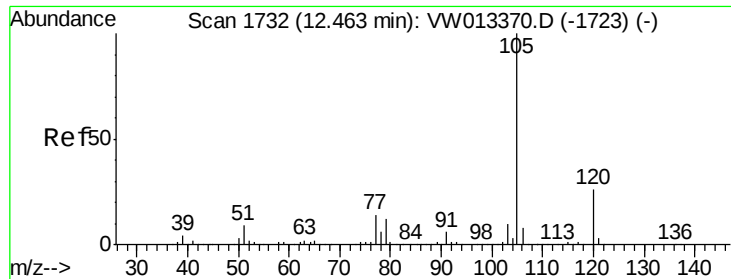
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	27.3	81.9
150	162.9	0.0	349.0





#73

Isopropylbenzene

Concen: 19.599 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 105 Resp: 262285

Ion Ratio Lower Upper

105 100

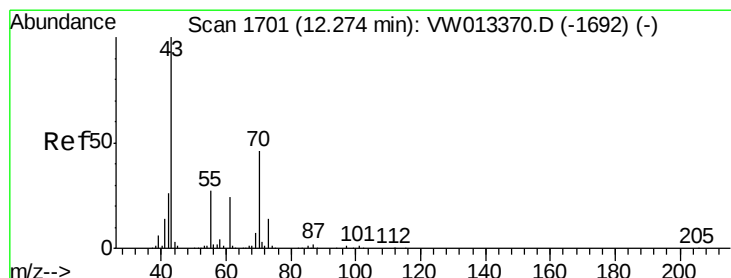
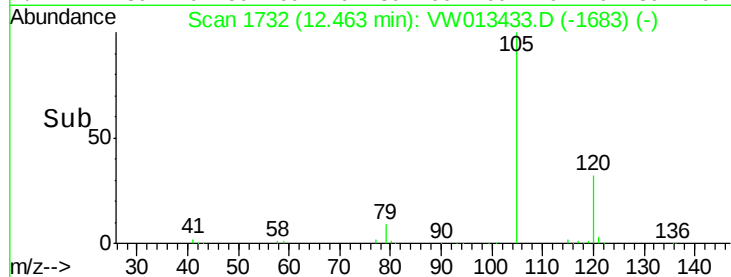
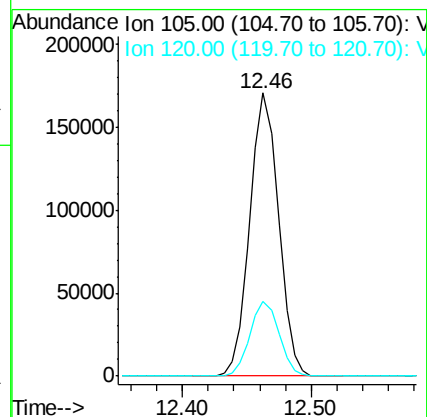
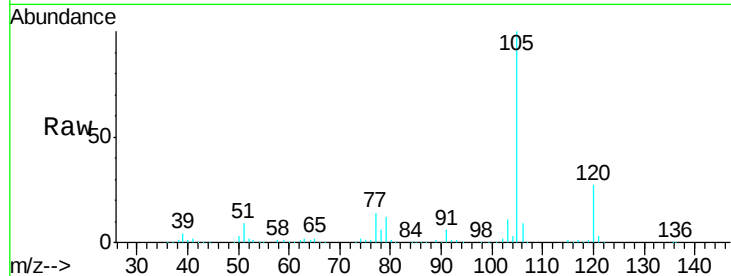
120 26.6 13.4 40.1

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#74

N-ethyl acetate

Concen: 21.676 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion: 43 Resp: 61735

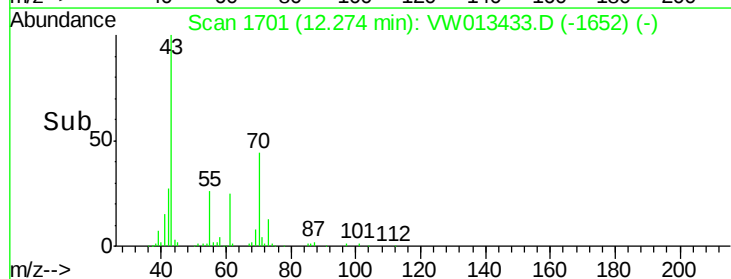
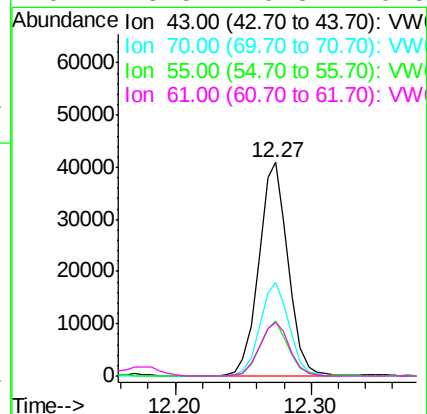
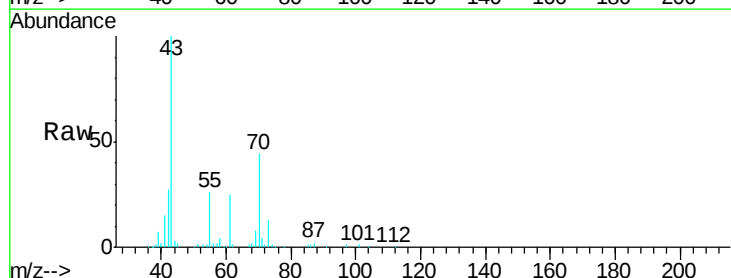
Ion Ratio Lower Upper

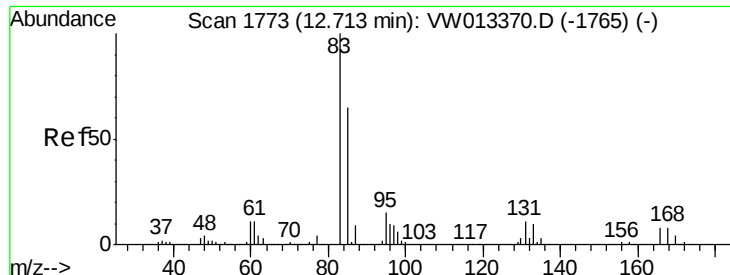
43 100

70 43.9 35.1 52.7

55 24.9 19.9 29.9

61 25.5 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.104 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 83 Resp: 47802

Ion Ratio Lower Upper

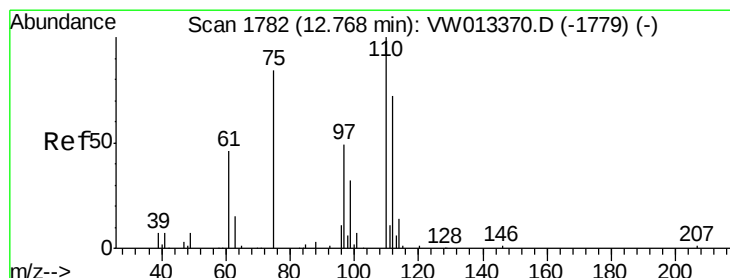
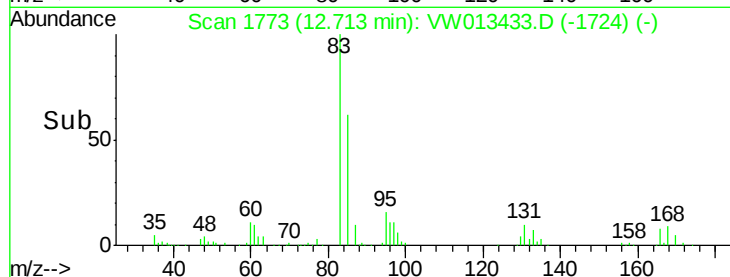
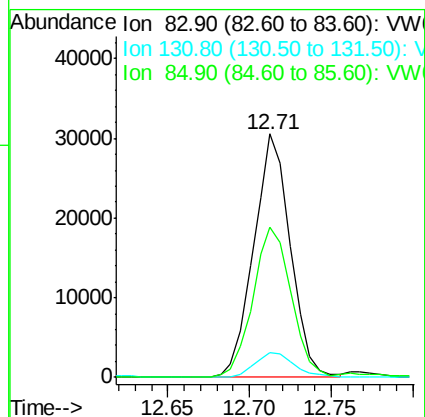
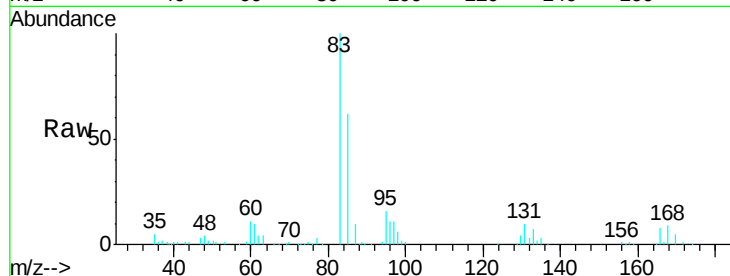
83 100

131 11.2 5.4 16.2

85 64.6 31.9 95.9

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#76

1,2,3-Trichloropropane

Concen: 20.235 ug/l m

RT: 12.77 min Scan# 1782

Delta R.T. 0.00 min

Lab File: VW013433.D

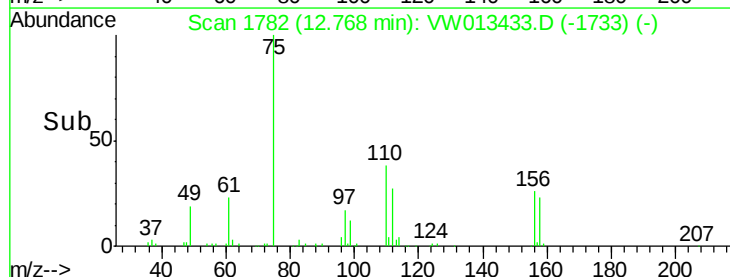
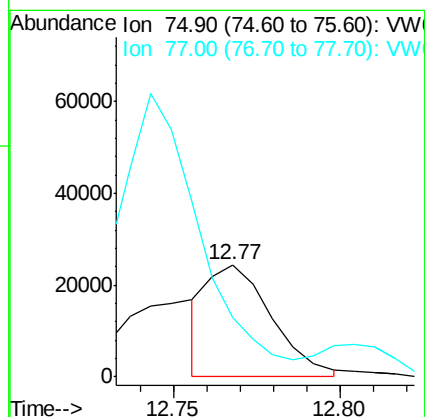
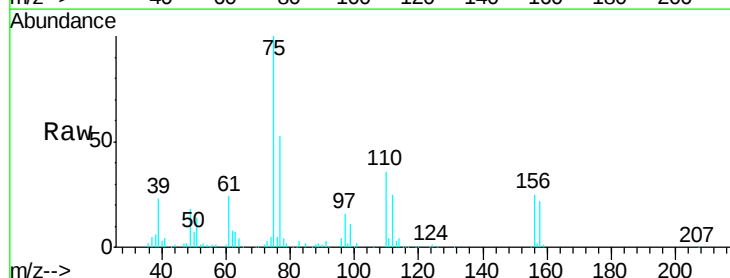
Acq: 04 Oct 2019 12:43

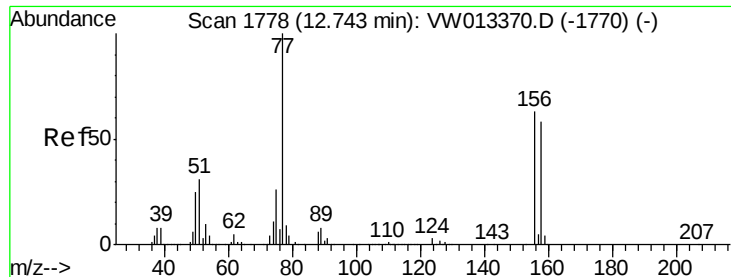
Tgt Ion: 75 Resp: 32902

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.260 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

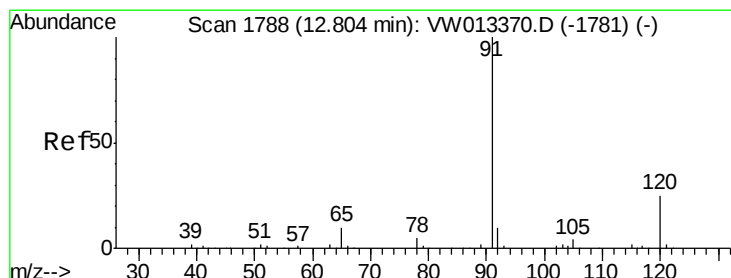
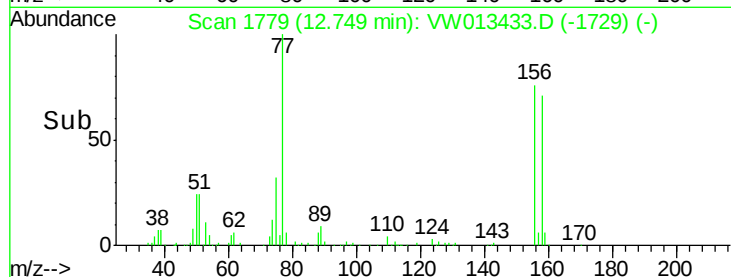
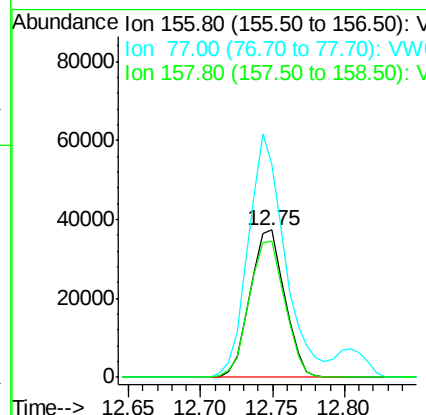
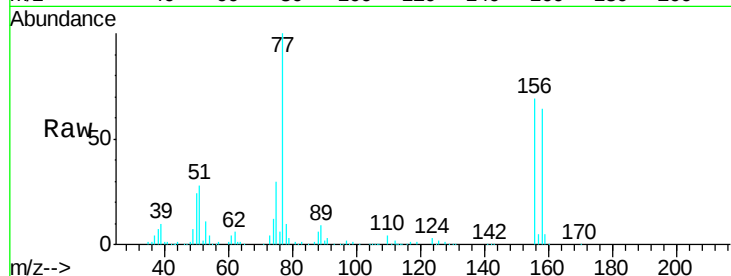
ClientSampleId :

VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	61890		
77	174.6	85.7	257.1	
158	95.7	48.1	144.4	

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#78

n-propylbenzene

Concen: 19.928 ug/l

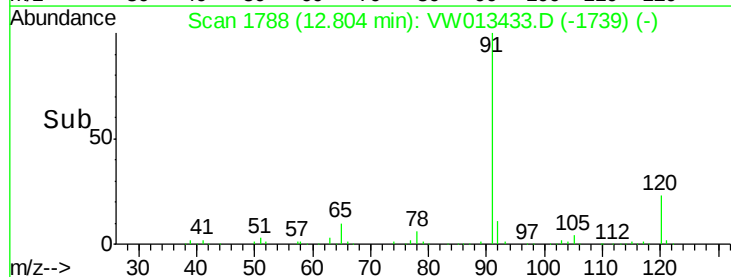
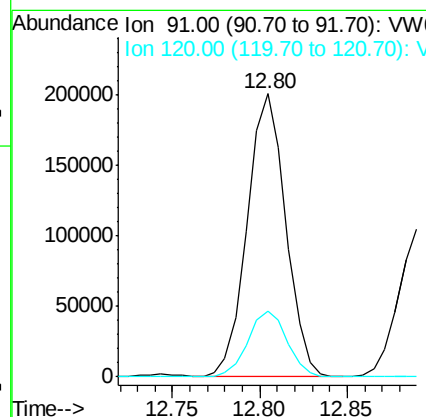
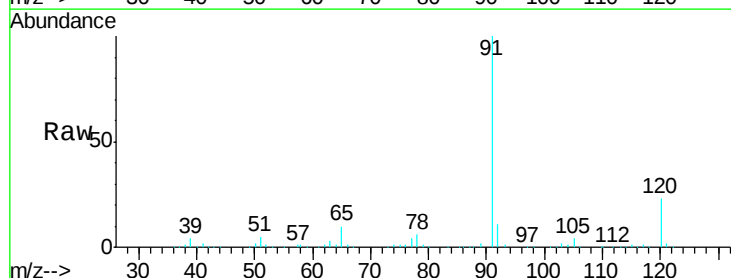
RT: 12.80 min Scan# 1788

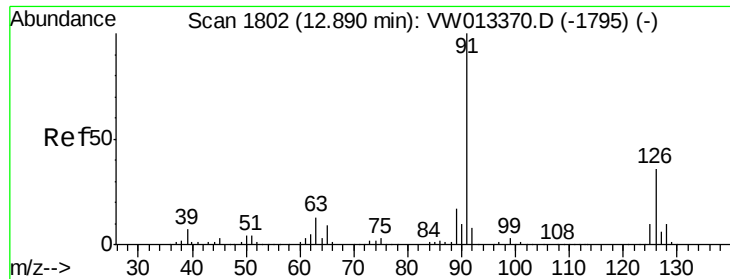
Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	306763		
120	23.8	11.7	35.1	





#79

2-Chlorotoluene

Concen: 19.818 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion: 91 Resp: 169443

Ion Ratio Lower Upper

91 100

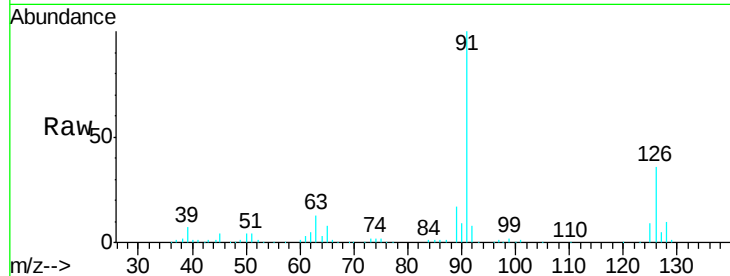
126 34.8 17.2 51.5

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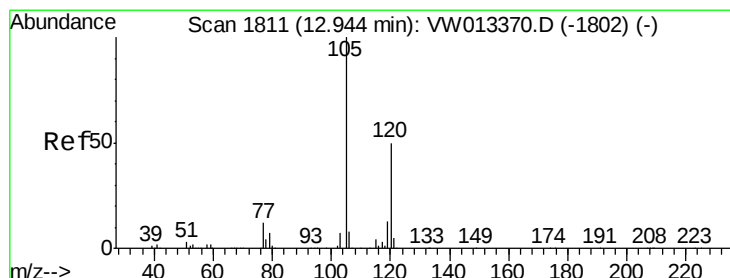
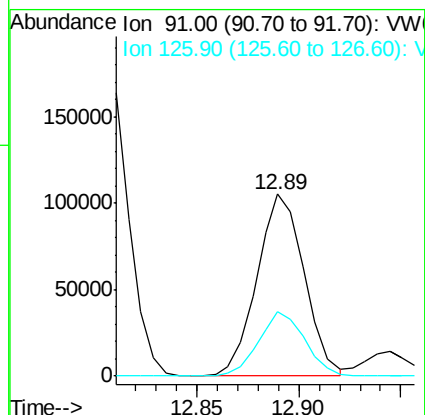
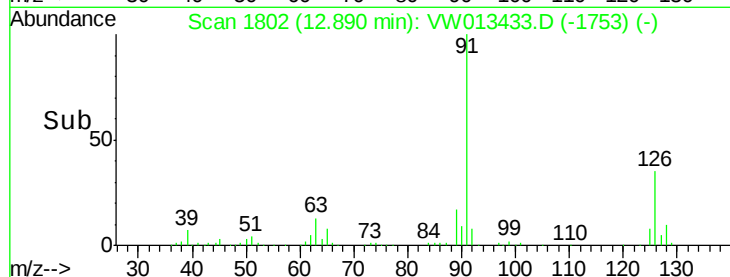
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 19.938 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW013433.D

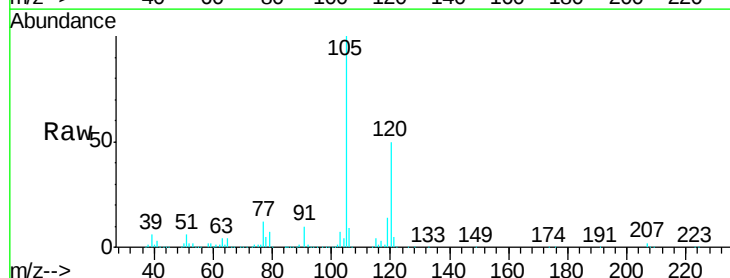
Acq: 04 Oct 2019 12:43

Tgt Ion: 105 Resp: 221645

Ion Ratio Lower Upper

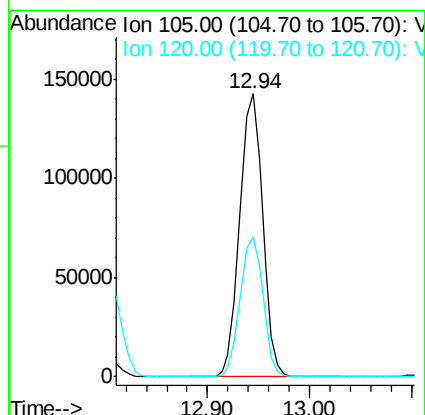
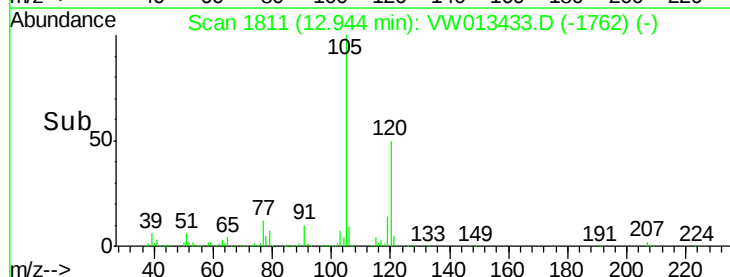
105 100

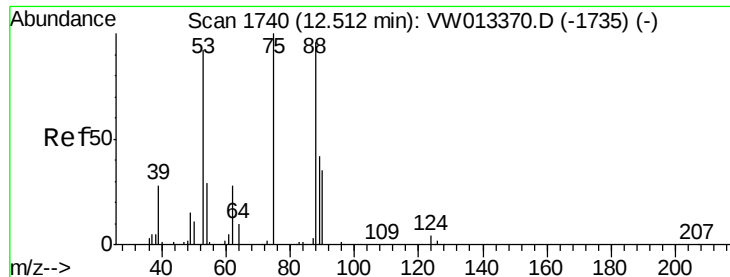
120 49.5 24.9 74.8



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: 23.557 ug/l

RT: 12.51 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

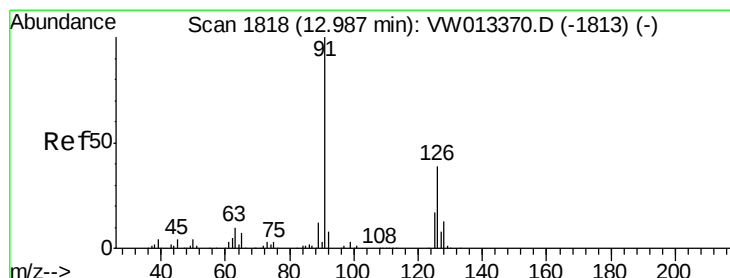
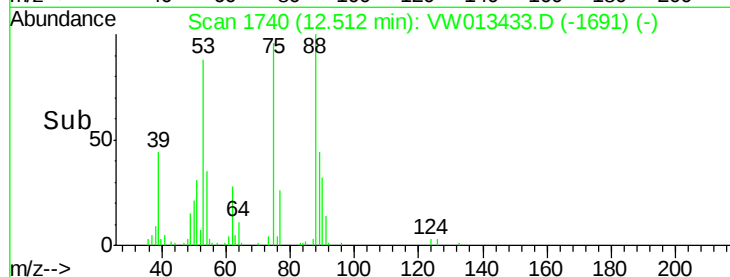
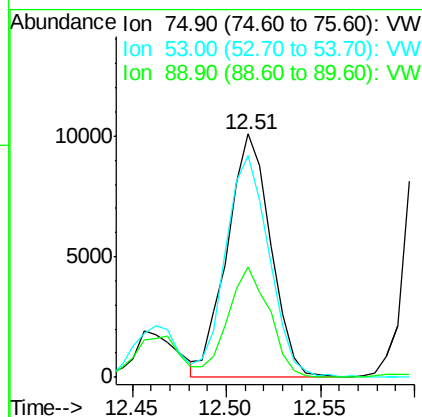
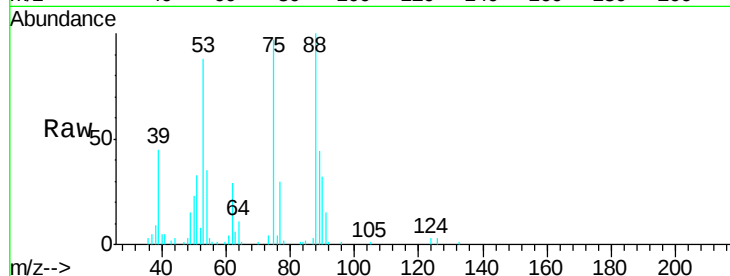
ClientSampled :

VW1004SBS01

Tgt Ion:	75	Resp:	16158
Ion Ratio	Lower	Upper	
75	100		
53	91.9	76.6	114.8
89	42.5	33.5	50.3

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#82

4-Chlorotoluene

Concen: 20.013 ug/l

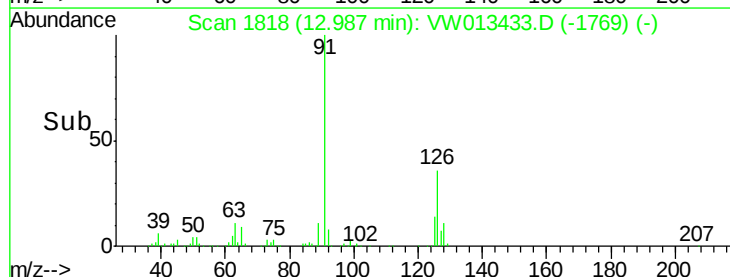
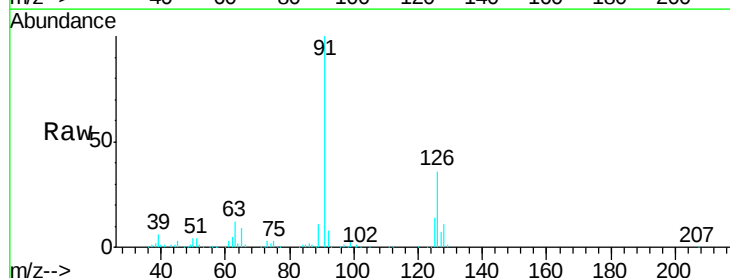
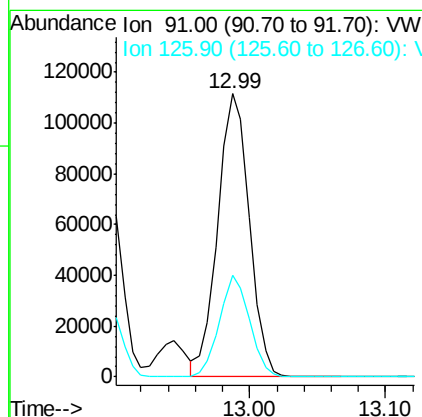
RT: 12.99 min Scan# 1818

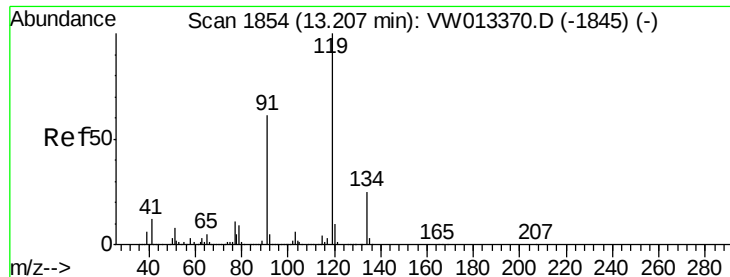
Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion:	91	Resp:	179242
Ion Ratio	Lower	Upper	
91	100		
126	34.4	17.3	51.7





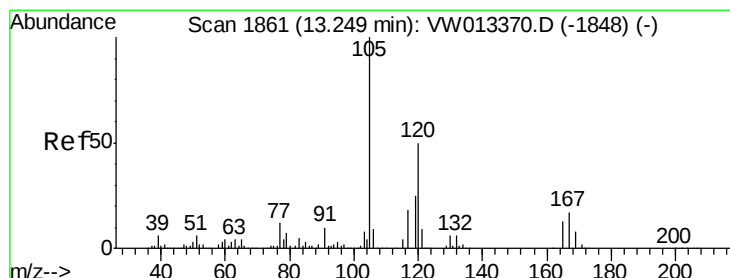
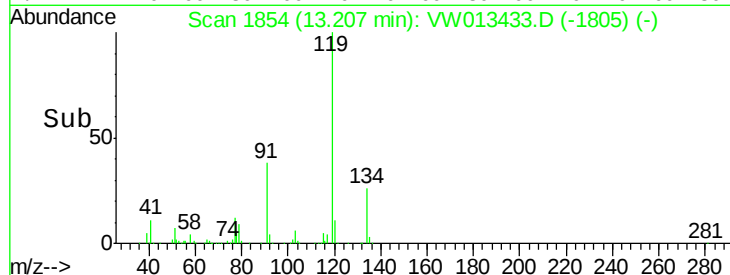
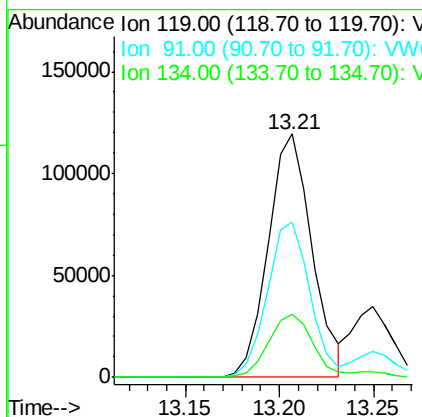
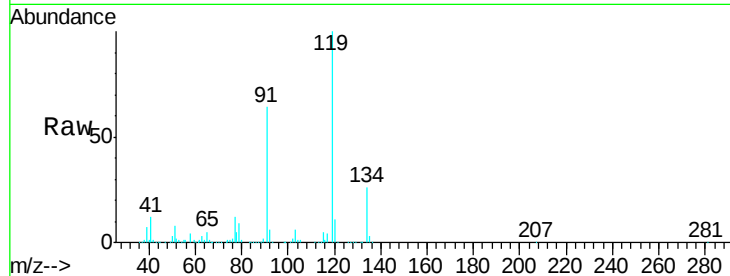
#83
 tert-Butylbenzene
 Concen: 19.853 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	61.9	30.7	92.1
134	26.2	12.6	37.6

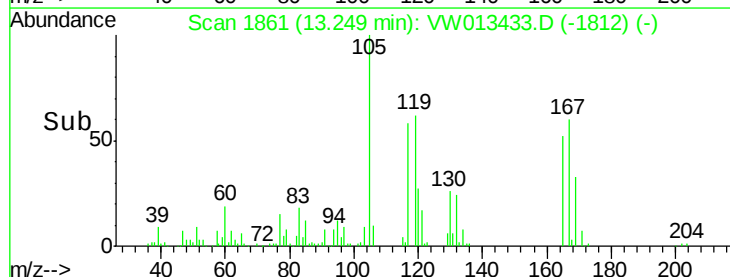
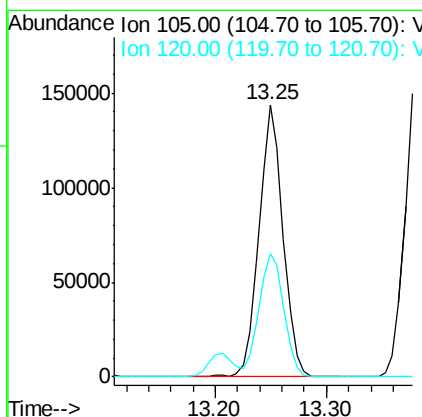
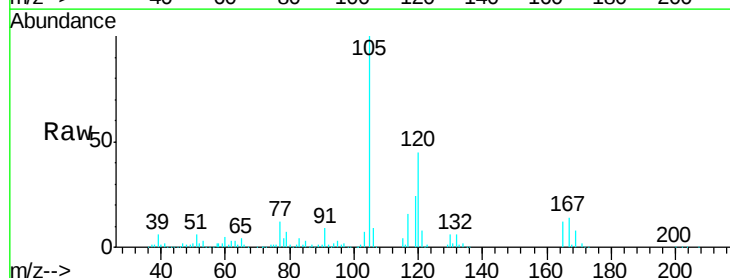
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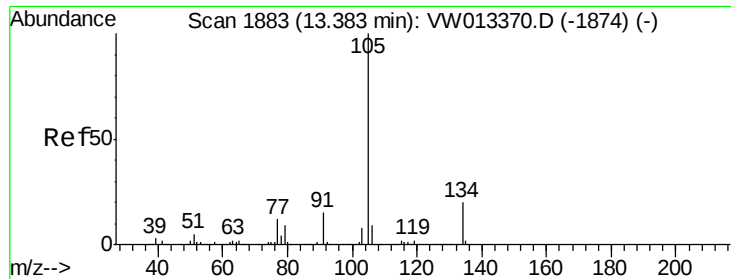
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.596 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.4	70.3





#85

sec-Butylbenzene

Concen: 19.937 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

ClientSampleId :

VW1004SBS01

Tgt Ion:105 Resp: 266905

Ion Ratio Lower Upper

105 100

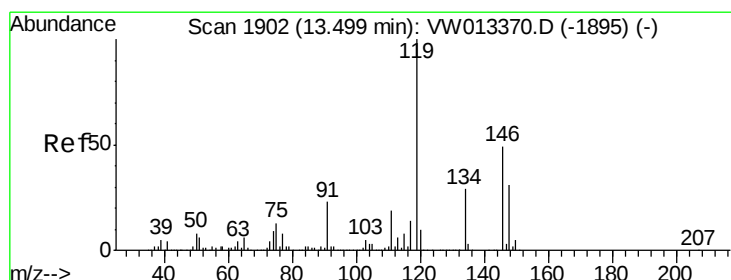
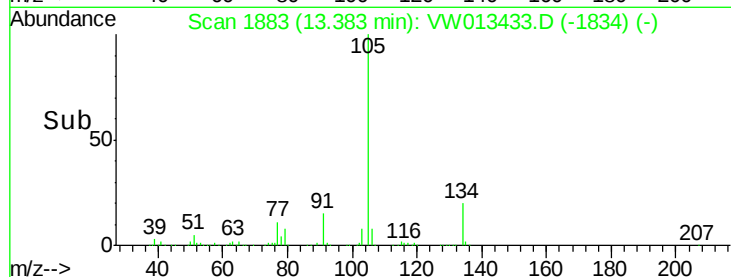
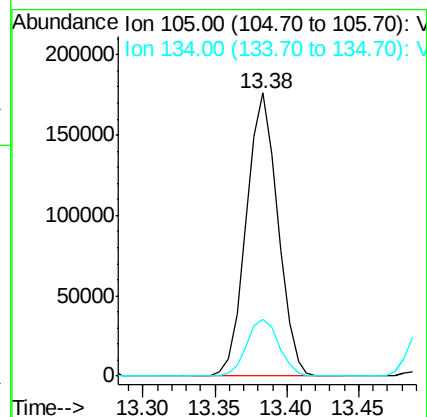
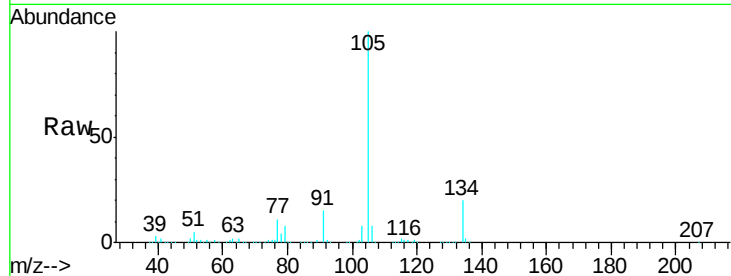
134 20.7 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 20.291 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

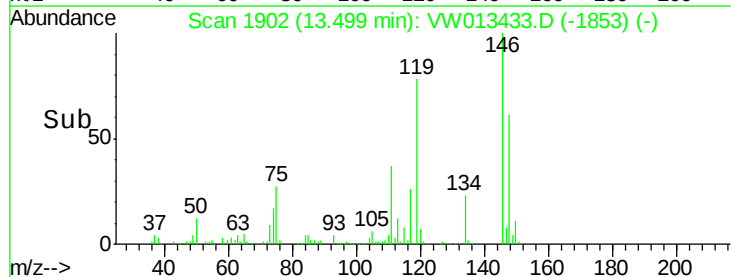
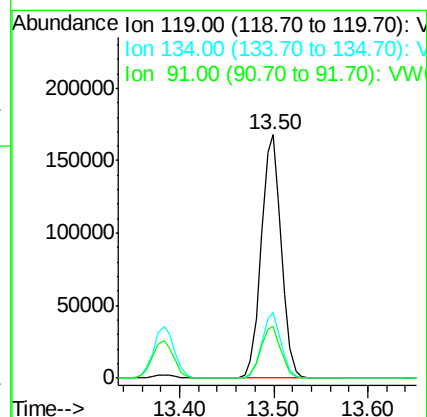
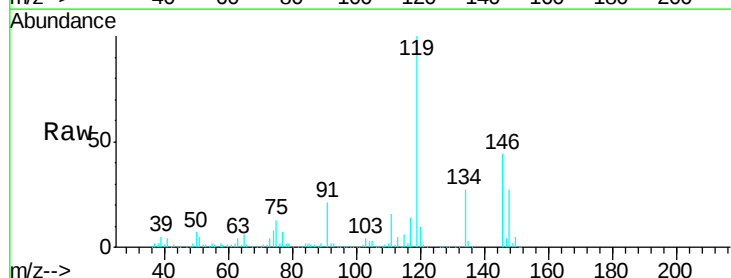
Tgt Ion:119 Resp: 251754

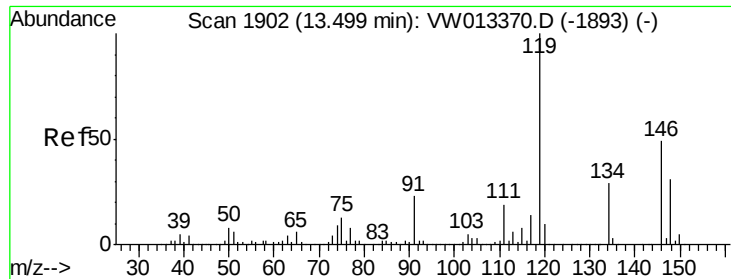
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 21.3 10.8 32.4





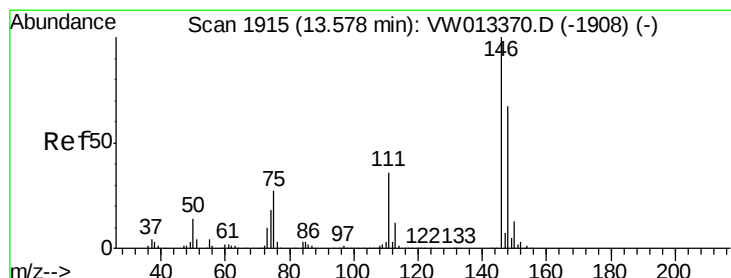
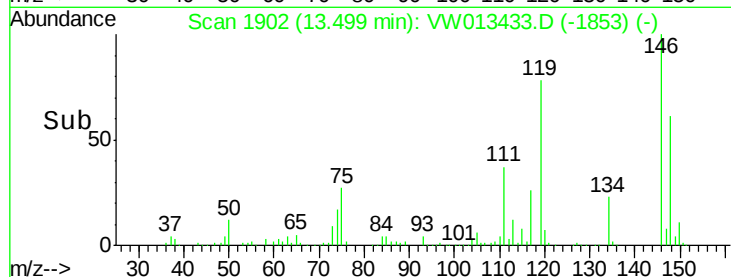
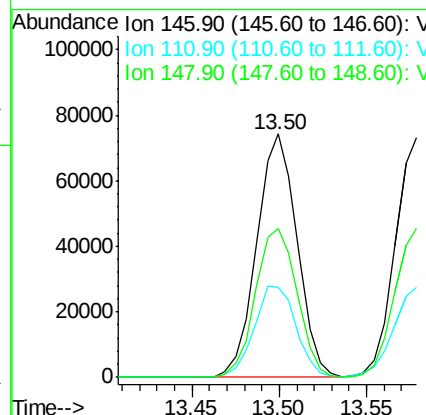
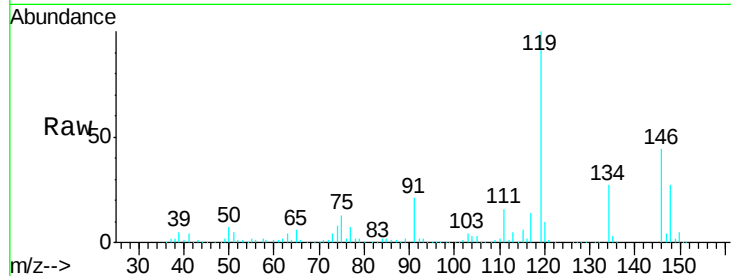
#87
 1,3-Dichlorobenzene
 Concen: 19.642 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	118747		
111	39.1	18.9	56.9	
148	63.1	31.9	95.5	

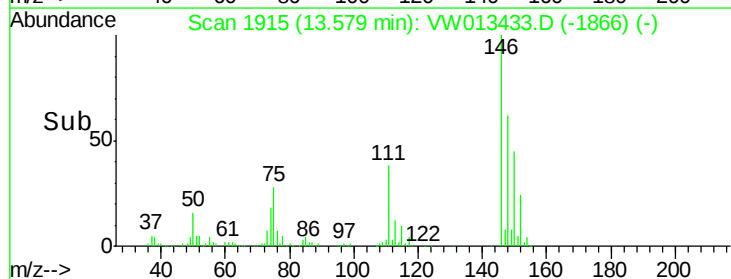
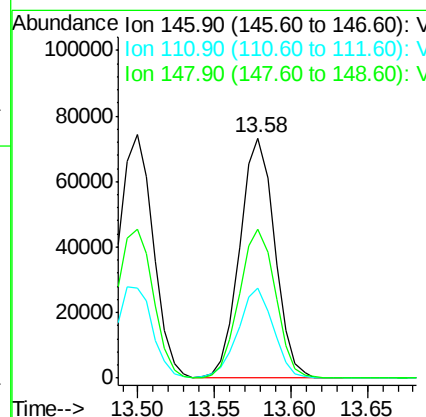
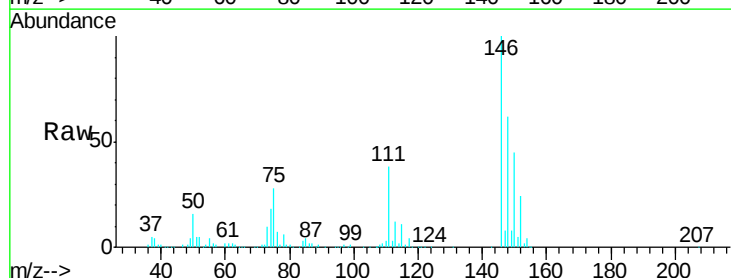
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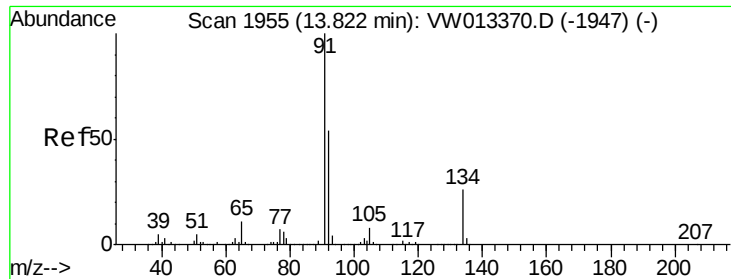
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#88
 1,4-Dichlorobenzene
 Concen: 19.238 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	116447		
111	37.8	18.4	55.0	
148	64.3	32.1	96.3	





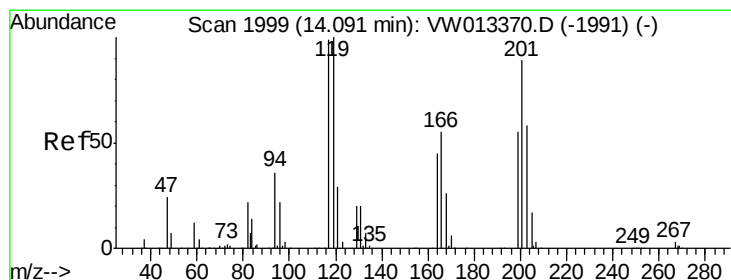
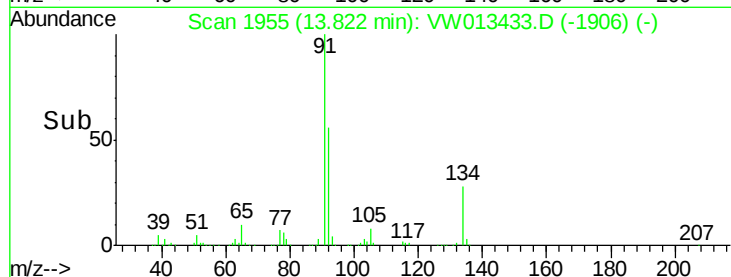
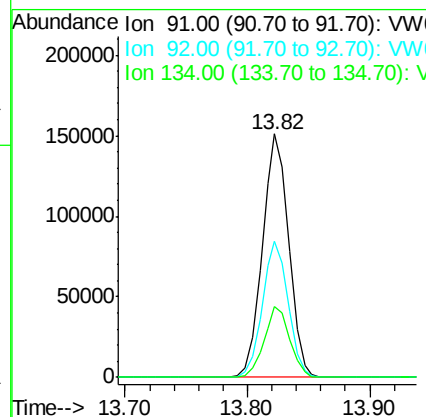
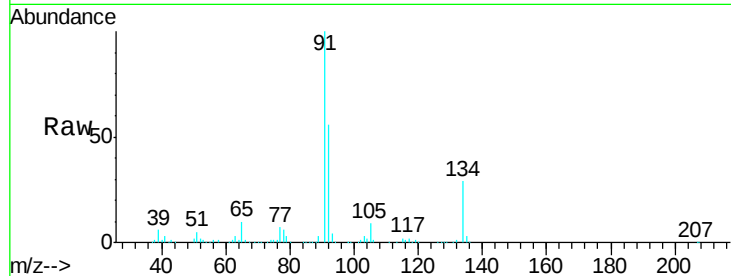
#89
n-Butylbenzene
Concen: 20.232 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	226306		
92	54.8		27.6	82.8
134	28.2		13.7	41.1

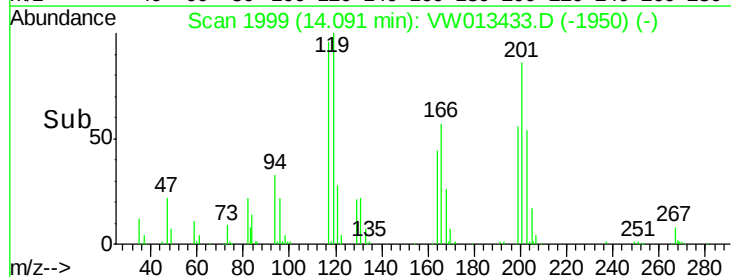
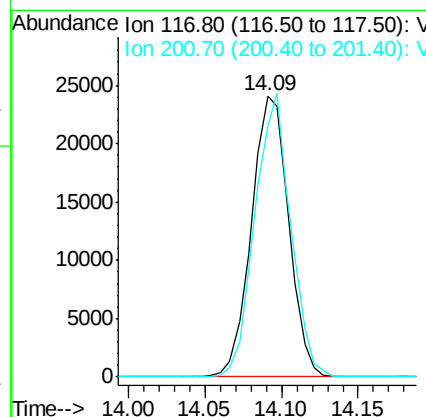
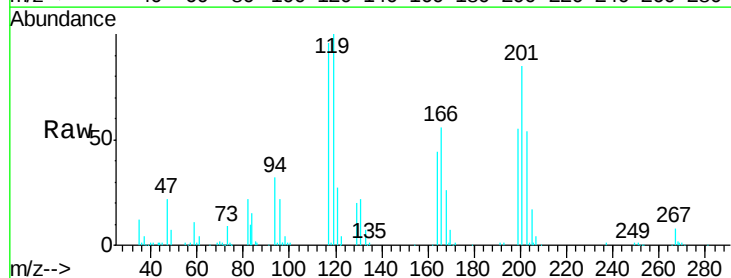
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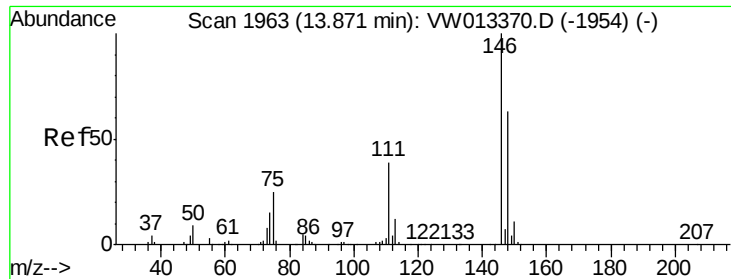
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#90
Hexachloroethane
Concen: 19.885 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	40760		
201	96.8		44.5	133.5





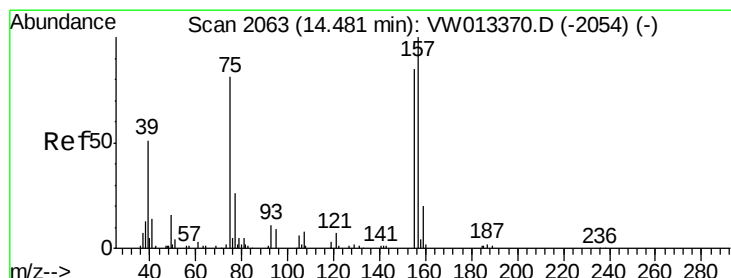
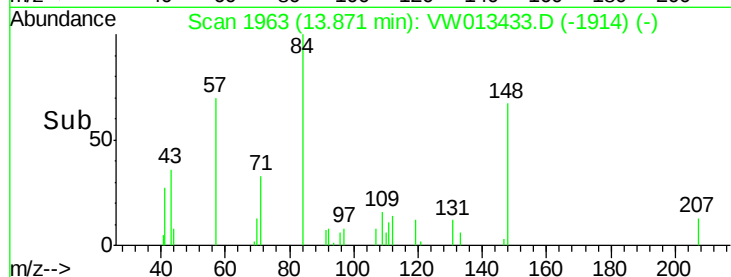
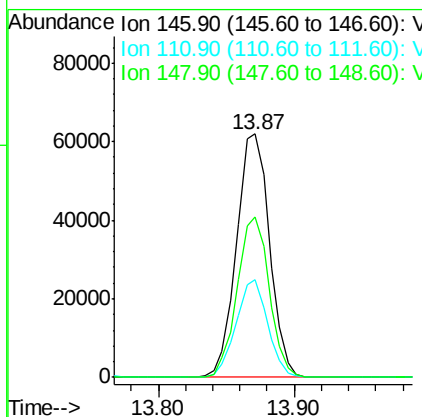
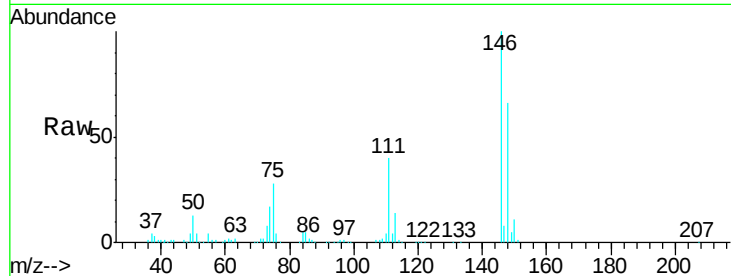
#91
 1,2-Dichlorobenzene
 Concen: 19.696 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	105259		
111	38.3		20.1	60.3
148	64.0		32.0	96.0

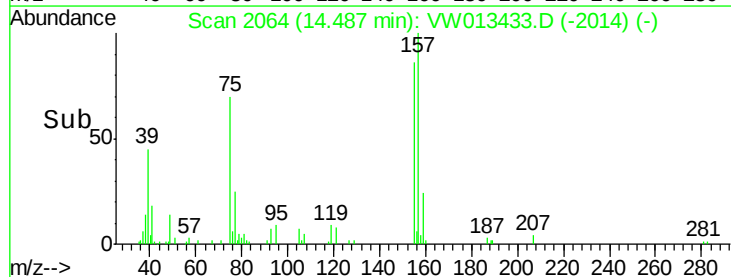
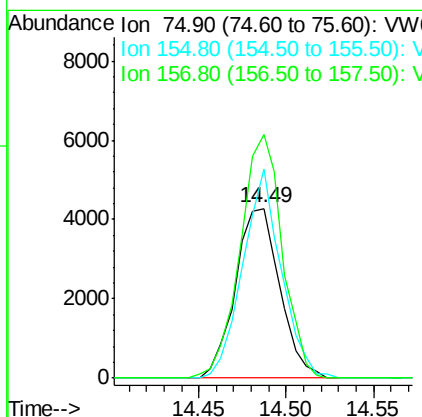
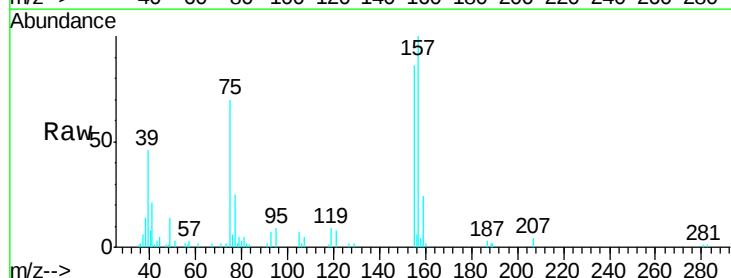
Manual Integrations
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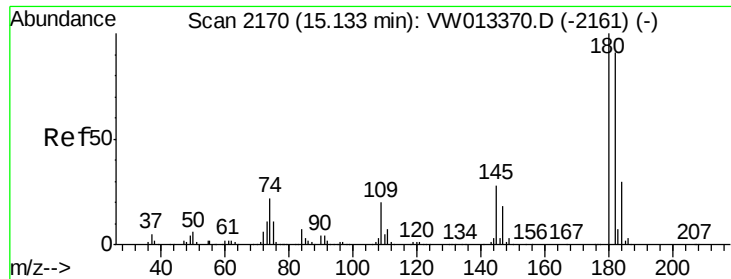
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 10/9/2019 11:48:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.249 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.01 min
 Lab File: VW013433.D
 Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	7538		
155	106.7		46.1	138.3
157	136.3		60.4	181.2





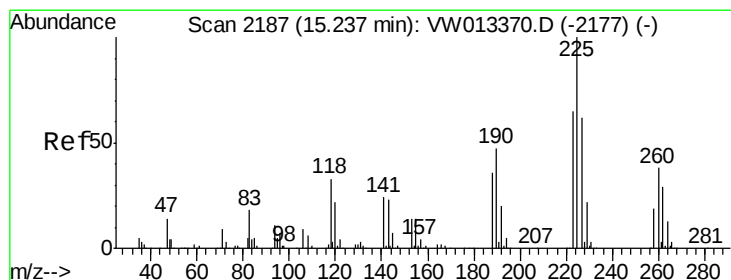
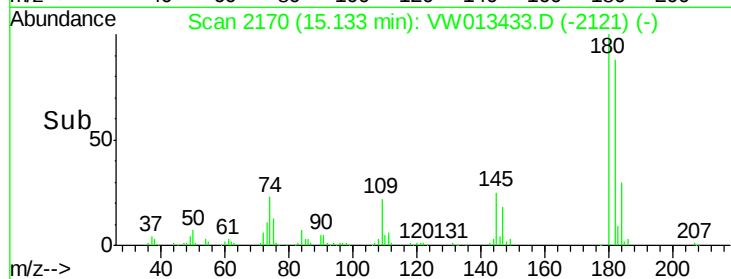
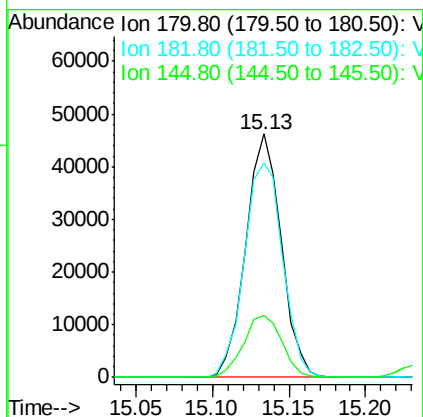
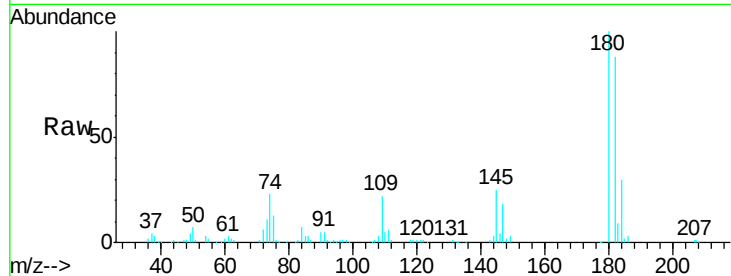
#93
1,2,4-Trichlorobenzene
Concen: 19.405 ug/l
RT: 15.13 min Scan# 2170
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Instrument :
MSVOA_W
ClientSampleId :
VW1004SBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	47.3	142.0
145	27.5	14.2	42.8

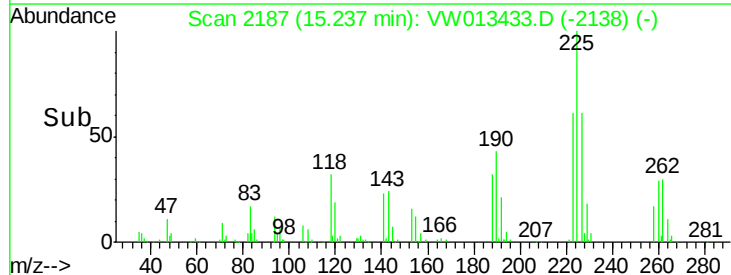
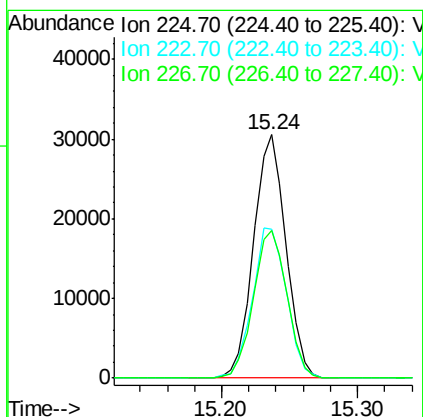
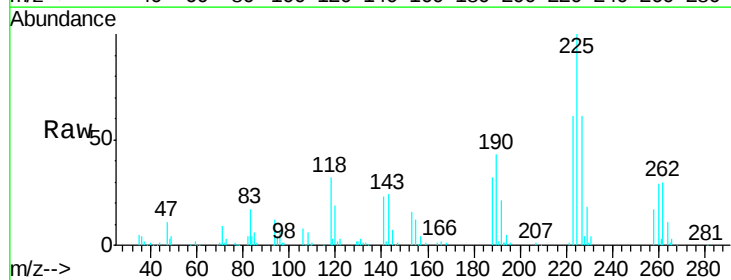
Manual Integrations
APPROVED

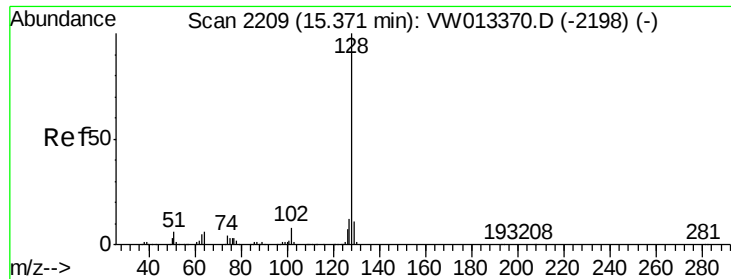
MMDadoda
10/9/2019 11:48:13 AM



#94
Hexachlorobutadiene
Concen: 20.517 ug/l
RT: 15.24 min Scan# 2187
Delta R.T. 0.00 min
Lab File: VW013433.D
Acq: 04 Oct 2019 12:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	30.6	91.8
227	62.7	31.9	95.9





#95

Naphthalene

Concen: 20.880 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.01 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Instrument :

MSVOA_W

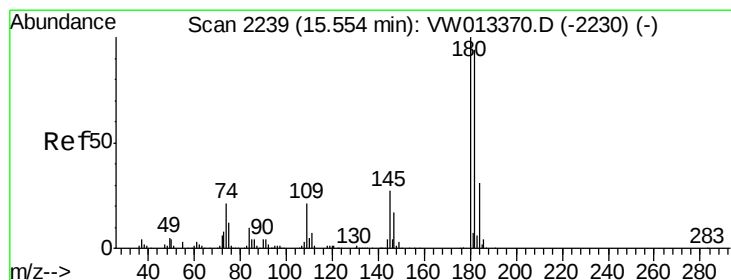
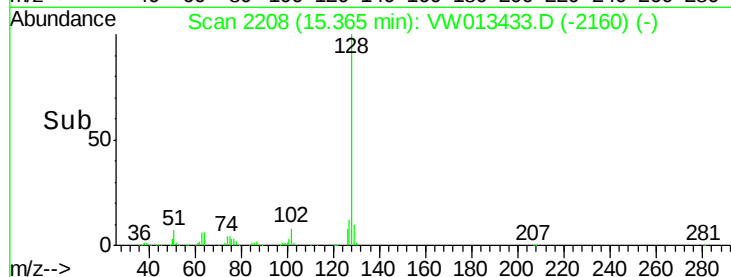
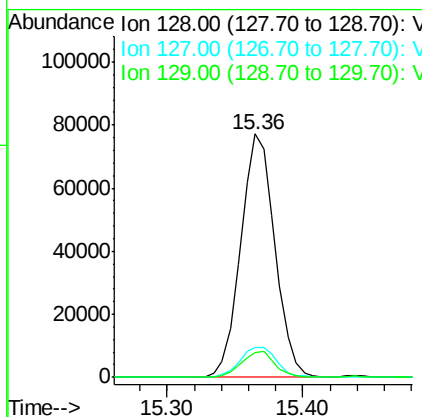
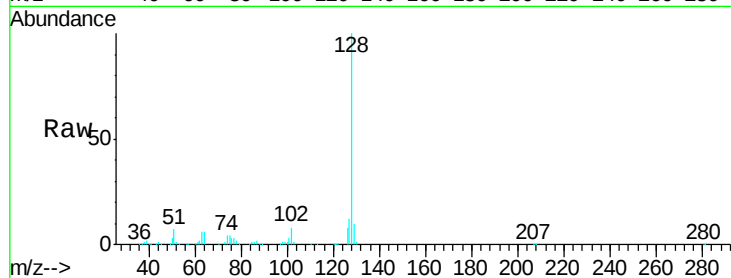
ClientSampleId :

VW1004SBS01

Tgt Ion:	128	Resp:	135089
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.6	15.8
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/9/2019 11:48:13 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.295 ug/l

RT: 15.55 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VW013433.D

Acq: 04 Oct 2019 12:43

Tgt Ion:	180	Resp:	64611
Ion Ratio	Lower	Upper	
180	100		
182	97.4	47.9	143.7
145	30.5	15.0	45.0

