

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012758.D
 Acq On : 08 Sep 2019 09:41
 Operator : SY/VA
 Sample : VW0907SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:22:35 PM

Quant Time: Sep 09 04:44:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	230048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	271383	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	154270	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	125392	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	7.88	113	92451	43.55	ug/l	0.00
Spiked Amount			Recovery	=	87.10%	
50) Toluene-d8	10.32	98	393946	47.37	ug/l	0.00
Spiked Amount			Recovery	=	94.74%	
62) 4-Bromofluorobenzene	12.62	95	122762	40.66	ug/l	0.00
Spiked Amount			Recovery	=	81.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	29938	24.005	ug/l	94
3) Chloromethane	2.21	50	31691	20.909	ug/l	94
4) Vinyl Chloride	2.35	62	40788	21.948	ug/l	100
5) Bromomethane	2.77	94	22607	22.402	ug/l	96
6) Chloroethane	2.90	64	22865	20.618	ug/l	96
7) Trichlorofluoromethane	3.24	101	29866	23.289	ug/l	95
8) Diethyl Ether	3.68	74	22699	21.060	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44913	22.317	ug/l	98
10) Methyl Iodide	4.26	142	54733	21.604	ug/l	99
11) Tert butyl alcohol	5.21	59	15409	78.352	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	41341	21.761	ug/l	96
13) Acrolein	3.89	56	18677	89.494	ug/l	98
14) Allyl chloride	4.66	41	79116	20.131	ug/l	96
15) Acrylonitrile	5.37	53	57504	91.343	ug/l	99
16) Acetone	4.13	43	60750	86.694	ug/l	97
17) Carbon Disulfide	4.37	76	84623	20.985	ug/l	99
18) Methyl Acetate	4.67	43	30692	18.668	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	74181	19.689	ug/l	93
20) Methylene Chloride	4.90	84	43716	19.941	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	41979	21.656	ug/l	93
22) Diisopropyl ether	6.31	45	166084	21.308	ug/l	95
23) Vinyl Acetate	6.25	43	495705	100.350	ug/l	98
24) 1,1-Dichloroethane	6.21	63	89998	21.444	ug/l	99
25) 2-Butanone	7.16	43	83921	94.614	ug/l	97
26) 2,2-Dichloropropane	7.16	77	55328	20.873	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	47997	21.354	ug/l	99
28) Bromochloromethane	7.51	49	36919	19.158	ug/l	99
29) Tetrahydrofuran	7.53	42	51659	91.290	ug/l	99
30) Chloroform	7.67	83	88040	21.167	ug/l	99
31) Cyclohexane	7.95	56	77694	20.563	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	72256	21.431	ug/l	99
36) 1,1-Dichloropropene	8.08	75	67502	21.276	ug/l	99
37) Ethyl Acetate	7.25	43	37765	18.673	ug/l	99
38) Carbon Tetrachloride	8.07	117	64559	20.643	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	75332	21.141	ug/l	97
40) Benzene	8.32	78	180796	20.539	ug/l	98
41) Methacrylonitrile	7.48	41	21351	18.177	ug/l #	94
42) 1,2-Dichloroethane	8.40	62	64044	20.673	ug/l	100
43) Isopropyl Acetate	8.42	43	69855	18.231	ug/l	96
44) Trichloroethene	9.09	130	47570	20.965	ug/l	95
45) 1,2-Dichloropropane	9.37	63	49690	20.353	ug/l	94
46) Dibromomethane	9.46	93	23049	19.937	ug/l	99
47) Bromodichloromethane	9.64	83	62493	19.648	ug/l	99
48) Methyl methacrylate	9.43	41	32562	17.783	ug/l	97
49) 1,4-Dioxane	9.48	88	7442	325.887	ug/l #	70
51) 4-Methyl-2-Pentanone	10.21	43	185116	92.071	ug/l	100
52) Toluene	10.38	92	116818	21.263	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	64267	19.650	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	74841	20.172	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	34523	19.946	ug/l	98
56) Ethyl methacrylate	10.65	69	48874	19.291	ug/l	97
57) 1,3-Dichloropropane	10.93	76	63050	19.691	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	129704	96.433	ug/l	100
59) 2-Hexanone	10.97	43	120099	81.761	ug/l	99
60) Dibromochloromethane	11.13	129	39349	19.331	ug/l	99
61) 1,2-Dibromoethane	11.23	107	30456	19.193	ug/l	100
64) Tetrachloroethene	10.86	164	40720	24.728	ug/l	95
65) Chlorobenzene	11.66	112	104632	20.399	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	41459	21.705	ug/l	99
67) Ethyl Benzene	11.73	91	210390	21.862	ug/l	98
68) m/p-Xylenes	11.84	106	161012	46.352	ug/l	98
69) o-Xylene	12.16	106	76008	23.193	ug/l	98
70) Styrene	12.18	104	133429	23.041	ug/l	98
71) Bromoform	12.35	173	23314	21.968	ug/l #	98
73) Isopropylbenzene	12.46	105	225121	20.346	ug/l	98
74) N-amyl acetate	12.27	43	65483	18.645	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	39892	17.952	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29170m	18.492	ug/l	
77) Bromobenzene	12.74	156	49340	19.682	ug/l	97
78) n-propylbenzene	12.80	91	272246	20.573	ug/l	100
79) 2-Chlorotoluene	12.89	91	140285	18.466	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	186980	20.055	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12569	16.852	ug/l	94
82) 4-Chlorotoluene	12.99	91	160624	19.989	ug/l	100
83) tert-Butylbenzene	13.21	119	160757	19.500	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	186637	19.866	ug/l	99
85) sec-Butylbenzene	13.38	105	230617	20.159	ug/l	98
86) p-Isopropyltoluene	13.50	119	214611	20.539	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	102392	20.781	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	98644	20.119	ug/l	100
89) n-Butylbenzene	13.82	91	197565	19.475	ug/l	100
90) Hexachloroethane	14.09	117	35912	19.687	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	88105	19.867	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	7438	18.291	ug/l	88

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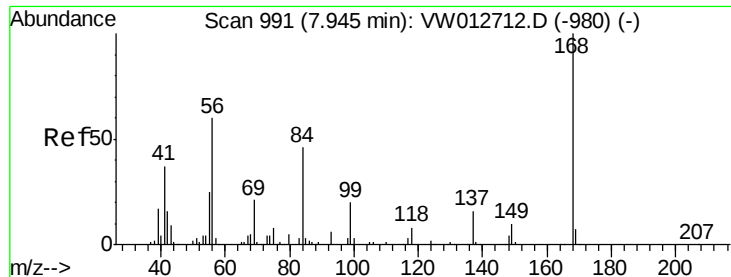
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	58939	19.089	ug/l	99
94) Hexachlorobutadiene	15.24	225	42566	19.917	ug/l	99
95) Naphthalene	15.36	128	103443	19.002	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	51633	18.945	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: VW012758.D

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Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion:168 Resp: 230048

Ion Ratio Lower Upper

168 100

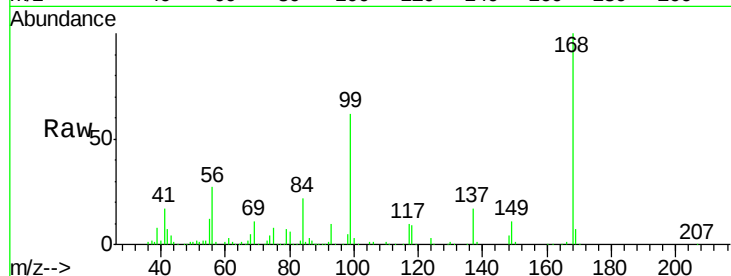
99 61.8 47.8 71.6

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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

120000

100000

80000

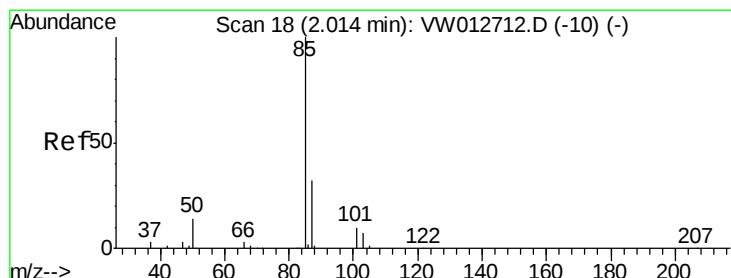
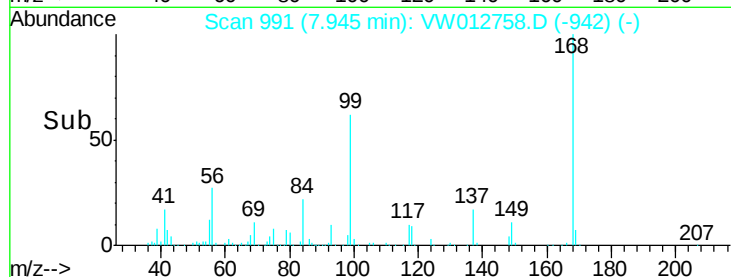
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#2

Dichlorodifluoromethane

Concen: 24.005 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.01 min

Lab File: VW012758.D

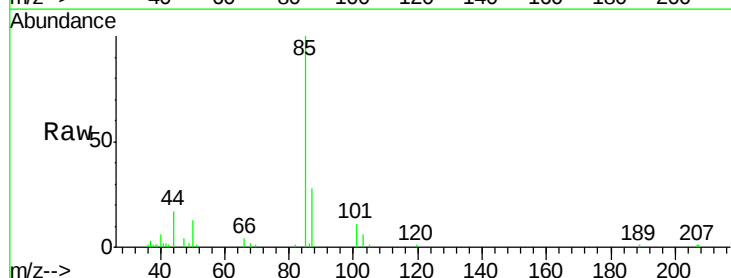
Acq: 08 Sep 2019 09:41

Tgt Ion: 85 Resp: 29938

Ion Ratio Lower Upper

85 100

87 28.1 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

10000

8000

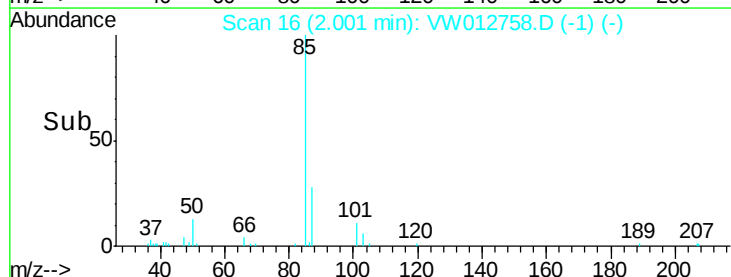
6000

4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 20.909 ug/l

RT: 2.21 min Scan# 50

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 50 Resp: 31691

Ion Ratio Lower Upper

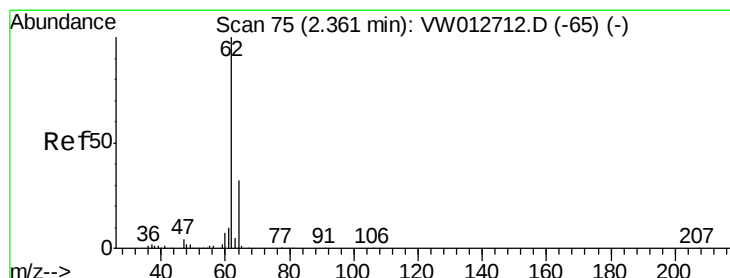
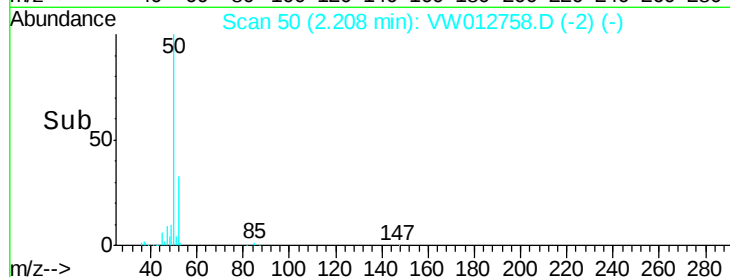
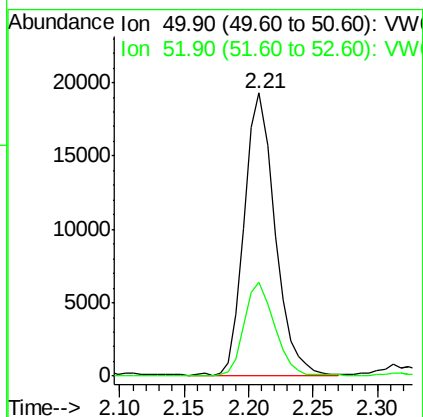
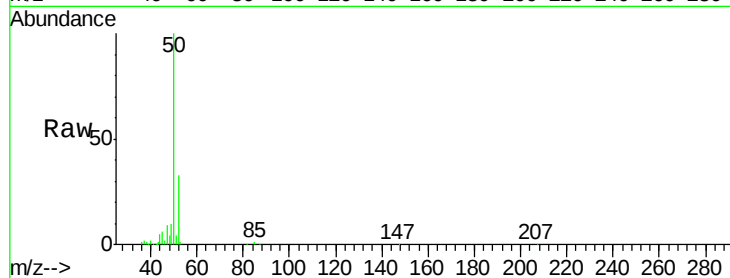
50 100

52 33.2 24.2 36.2

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#4

Vinyl Chloride

Concen: 21.948 ug/l

RT: 2.35 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW012758.D

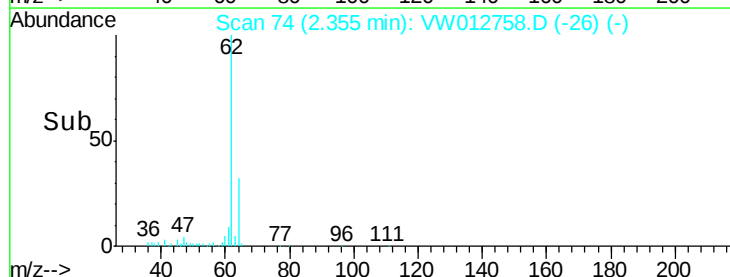
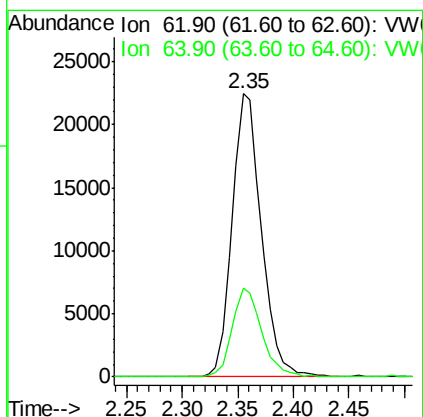
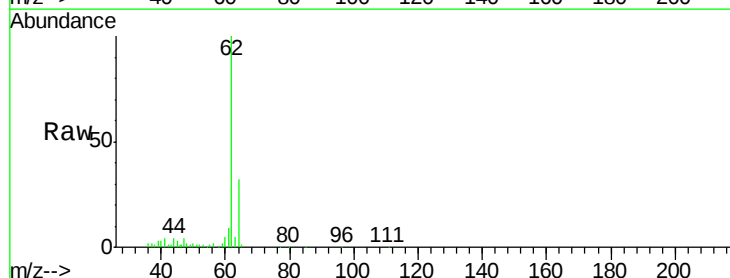
Acq: 08 Sep 2019 09:41

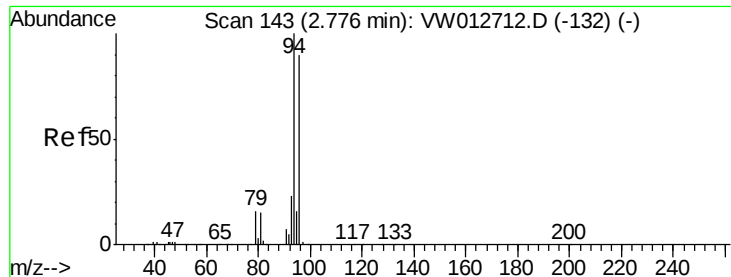
Tgt Ion: 62 Resp: 40788

Ion Ratio Lower Upper

62 100

64 31.6 25.3 37.9





#5

Bromomethane

Concen: 22.402 ug/l

RT: 2.77 min Scan# 142

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampled :

VW0907SBS02

Tot Ion: 94 Resp: 22607

Ion Ratio Lower Upper

94 100

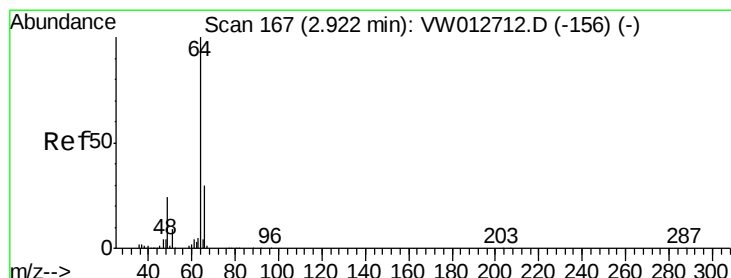
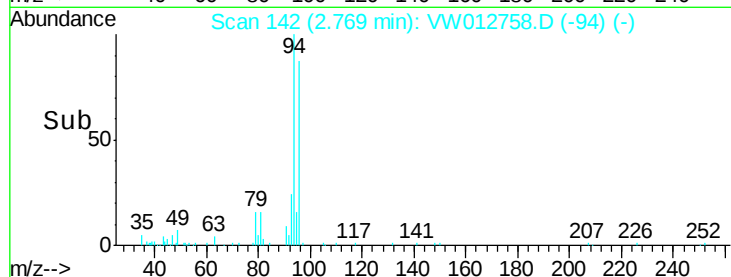
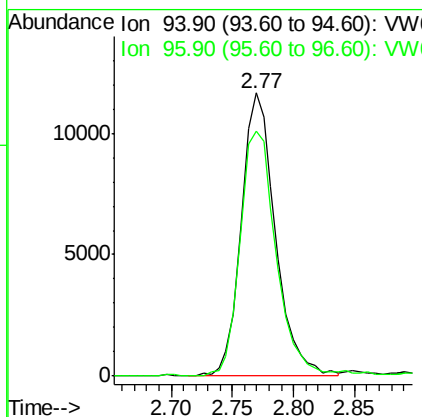
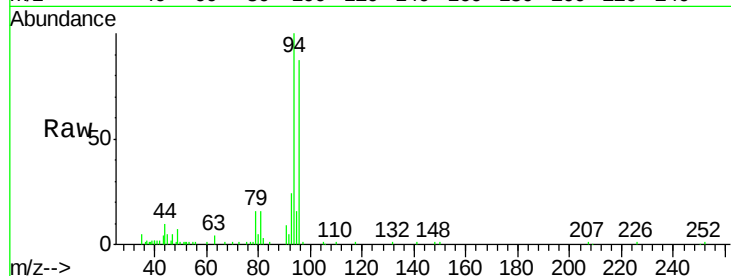
96 86.7 72.1 108.1

Manual Integrations

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#6

Chloroethane

Concen: 20.618 ug/l

RT: 2.90 min Scan# 163

Delta R.T. -0.02 min

Lab File: VW012758.D

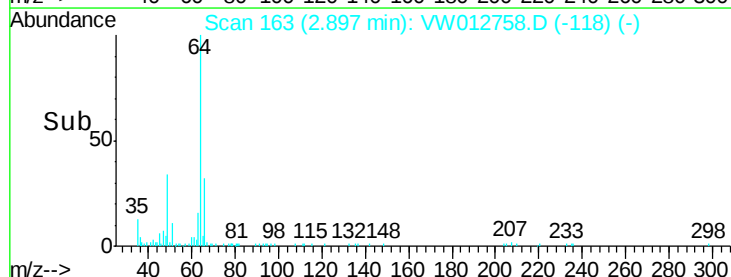
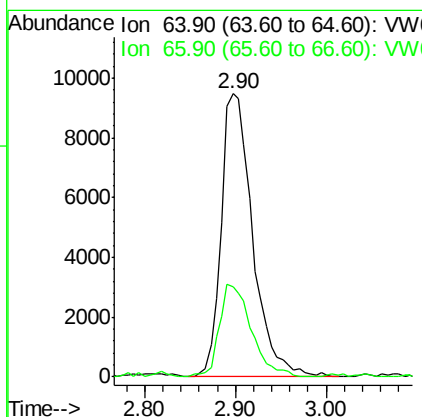
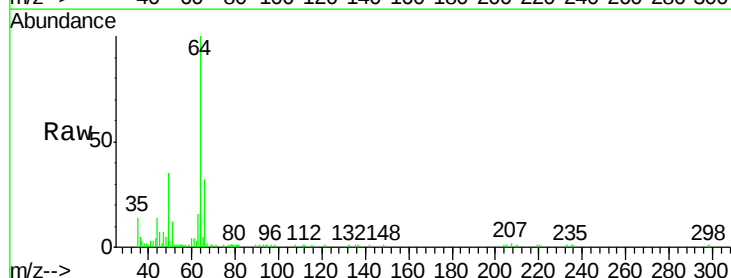
Acq: 08 Sep 2019 09:41

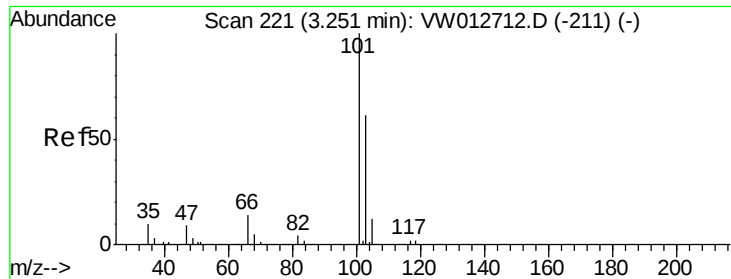
Tgt Ion: 64 Resp: 22865

Ion Ratio Lower Upper

64 100

66 32.0 23.8 35.6





#7

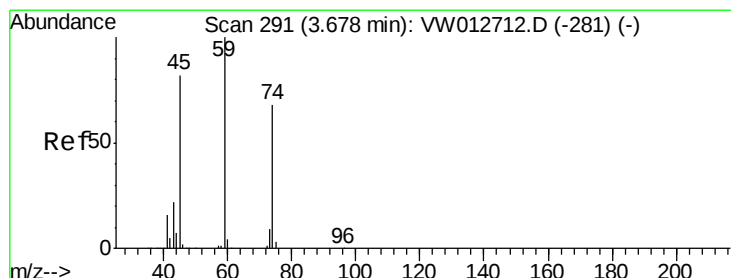
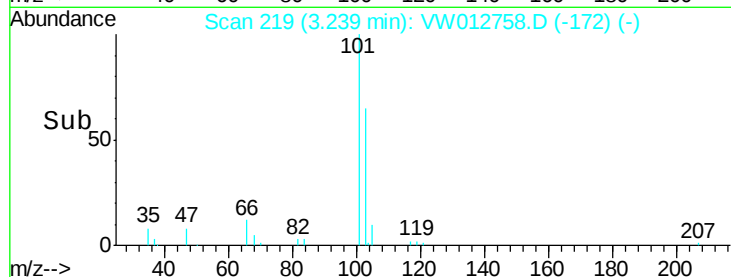
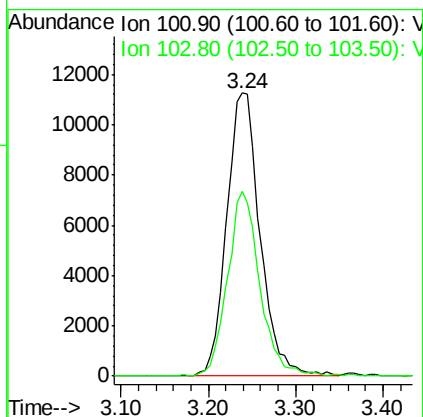
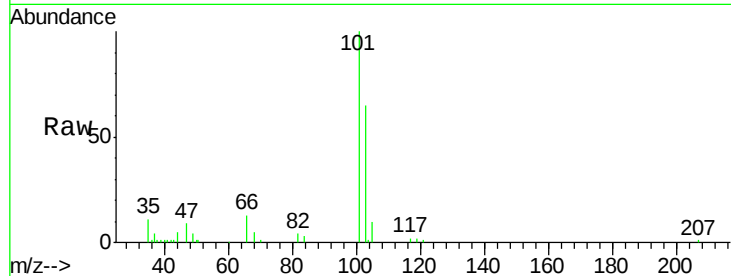
Trichlorofluoromethane
Concen: 23.289 ug/l
RT: 3.24 min Scan# 219
Delta R.T. -0.01 min
Lab File: VW012758.D
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ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	49.0	73.4

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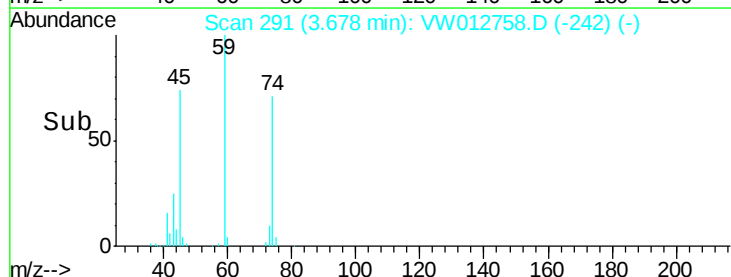
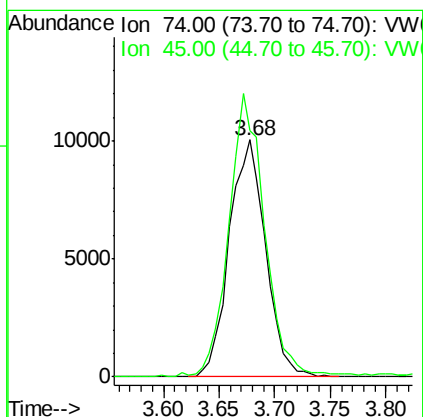
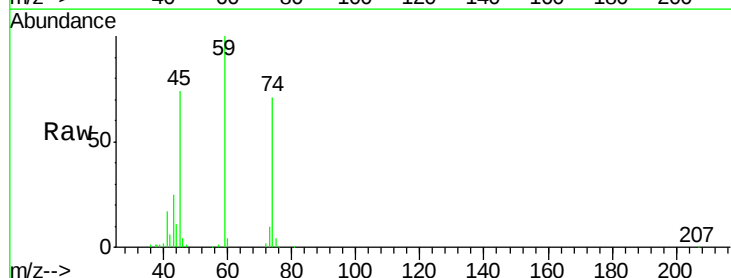
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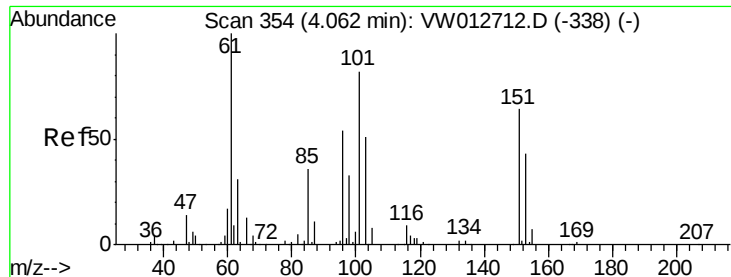


#8

Diethyl Ether
Concen: 21.060 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	118.0	58.8	176.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.317 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

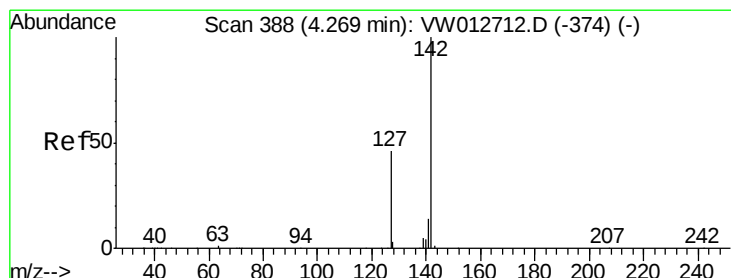
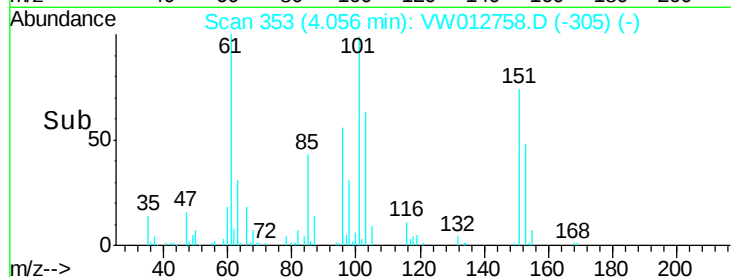
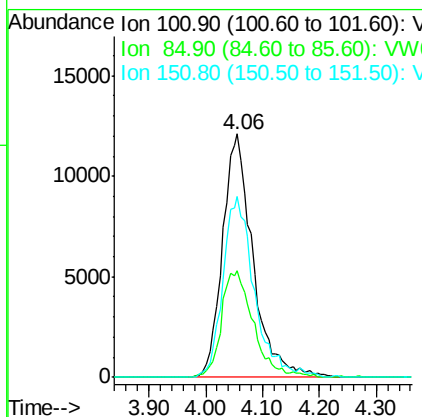
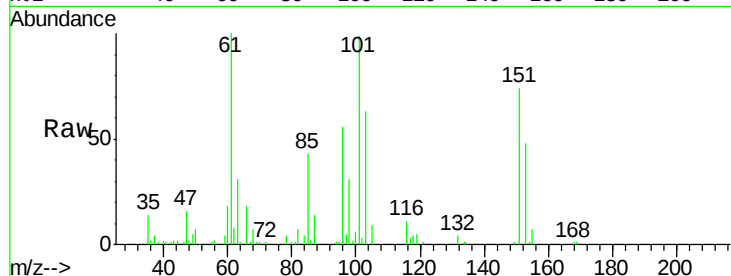
ClientSampleId :

VW0907SBS02

Tot Ion:	101	Resp:	44913
Ion Ratio	Lower	Upper	
101	100		
85	45.1	36.2	54.2
151	75.4	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 21.604 ug/l

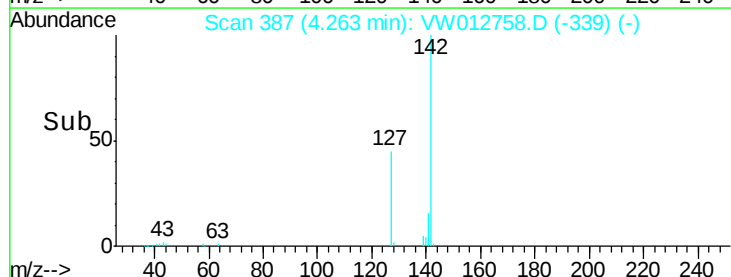
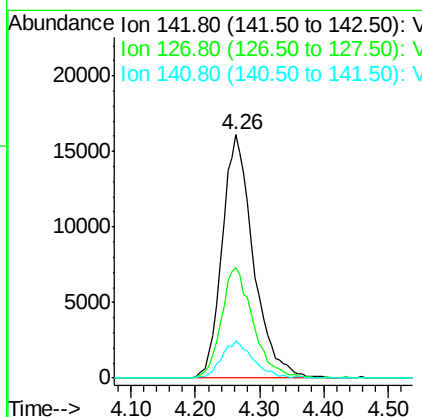
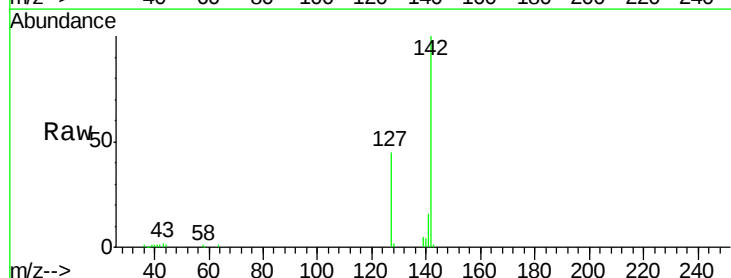
RT: 4.26 min Scan# 387

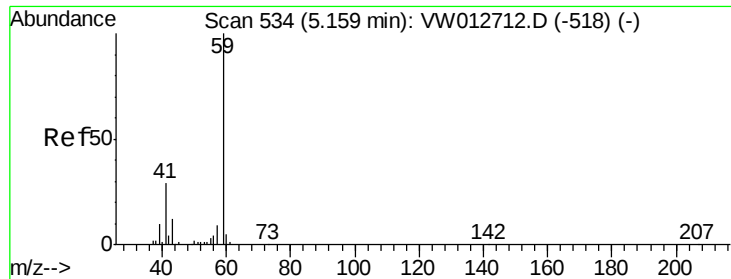
Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	142	Resp:	54733
Ion Ratio	Lower	Upper	
142	100		
127	46.1	36.0	54.0
141	15.2	12.2	18.4





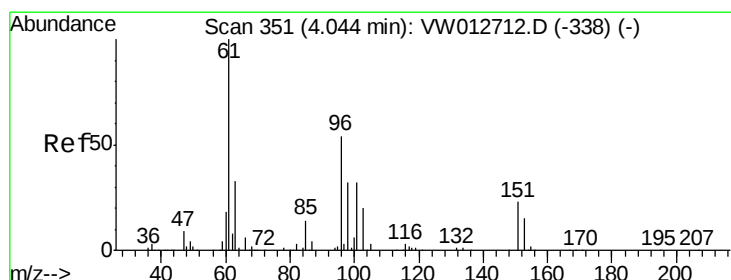
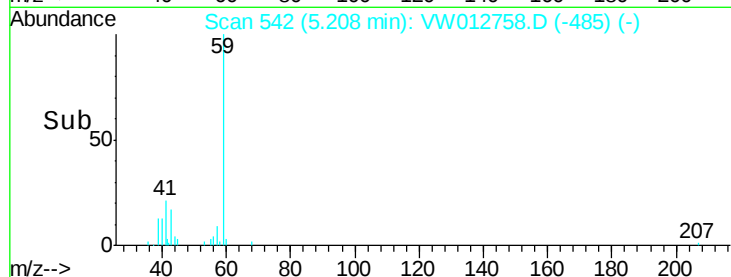
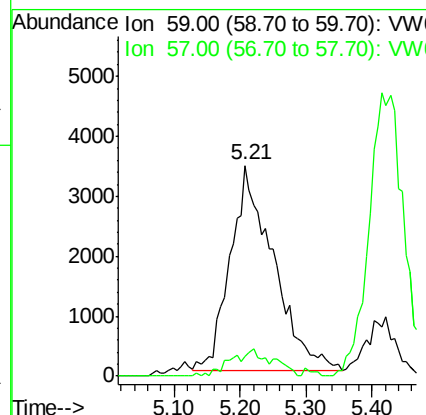
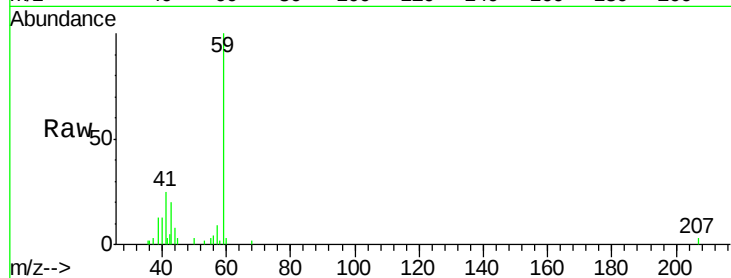
#11
Tert butyl alcohol
Concen: 78.352 ug/l
RT: 5.21 min Scan# 542
Delta R.T. 0.05 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
59	100		
57	4.3	8.2	12.4#

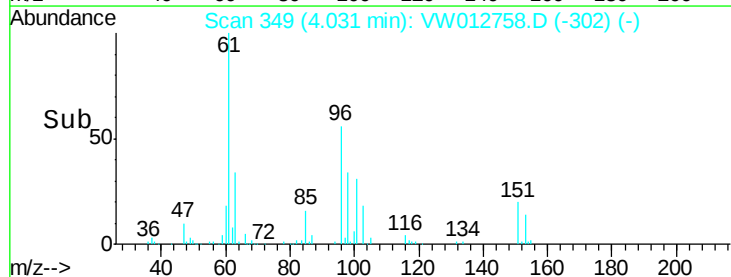
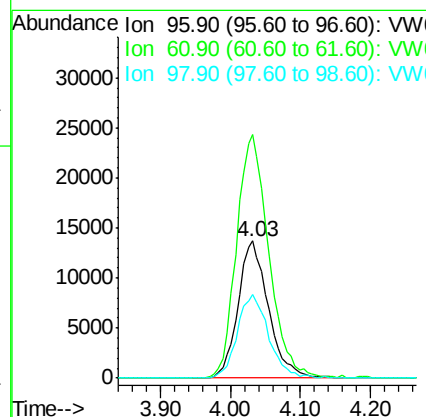
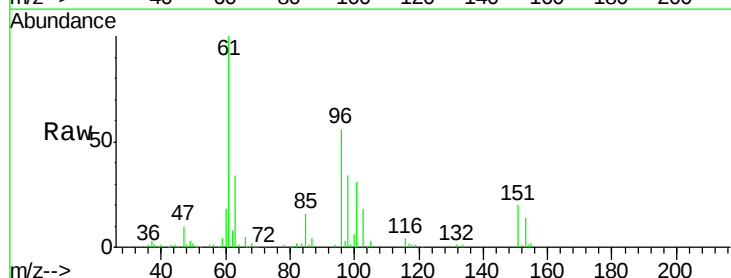
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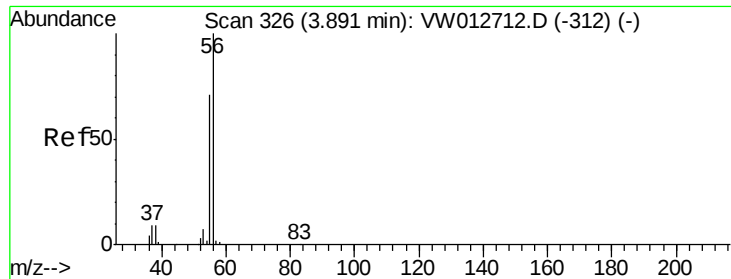
MMDadoda
9/10/2019 1:22:35 PM



#12
1,1-Dichloroethene
Concen: 21.761 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	177.9	147.8	221.6
98	61.3	47.9	71.9





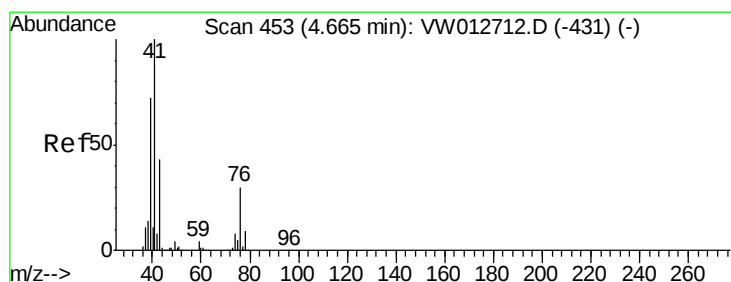
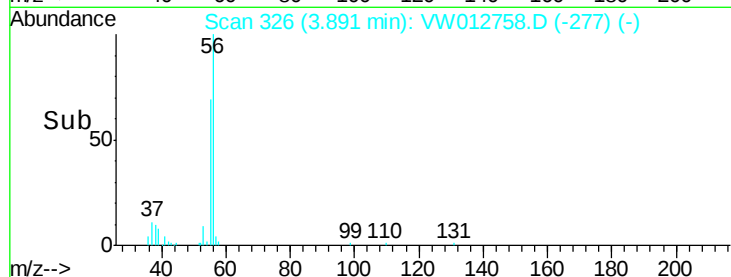
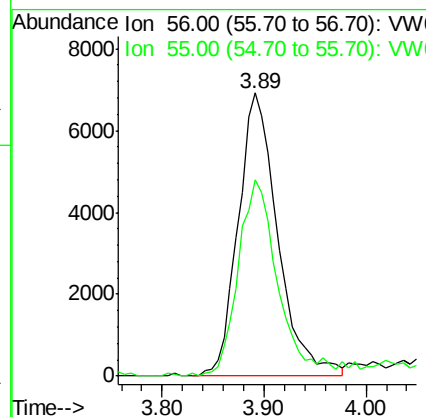
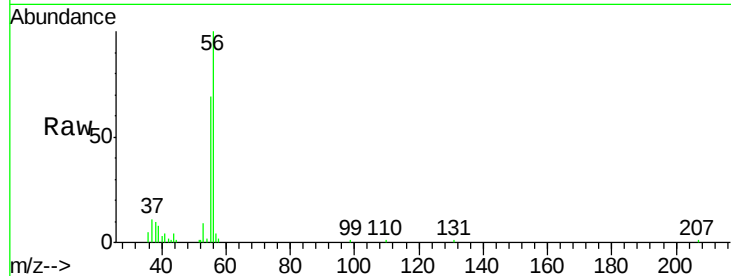
#13
Acrolein
Concen: 89.494 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	56	Resp	18677
Ion Ratio	100	Lower	Upper
55	69.2	56.9	85.3

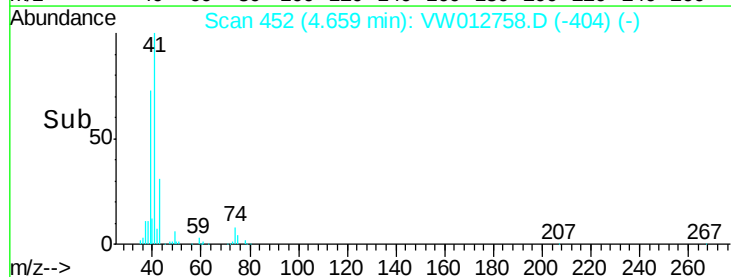
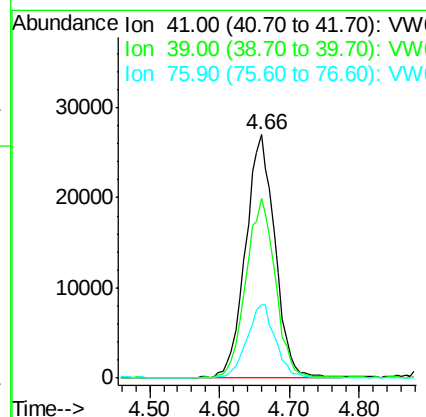
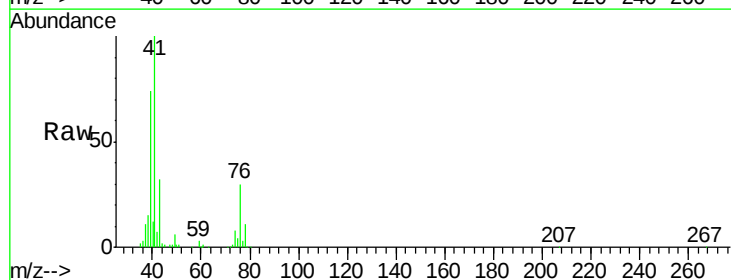
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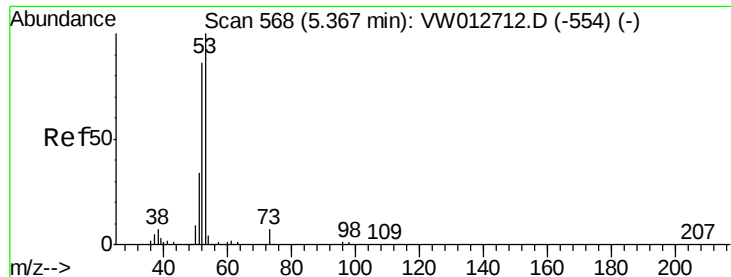
MMDadoda
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#14
Allyl chloride
Concen: 20.131 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	41	Resp	79116
Ion Ratio	100	Lower	Upper
39	73.4	55.0	82.6
76	29.2	23.0	34.4





#15

Acrylonitrile

Concen: 91.343 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

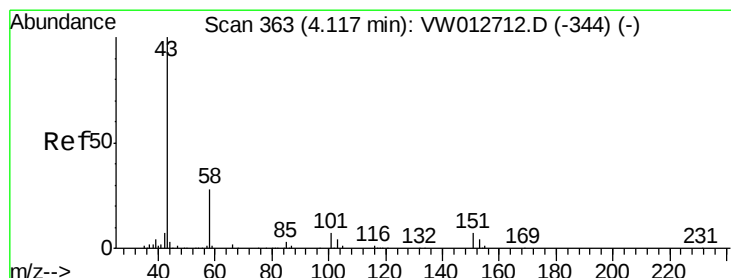
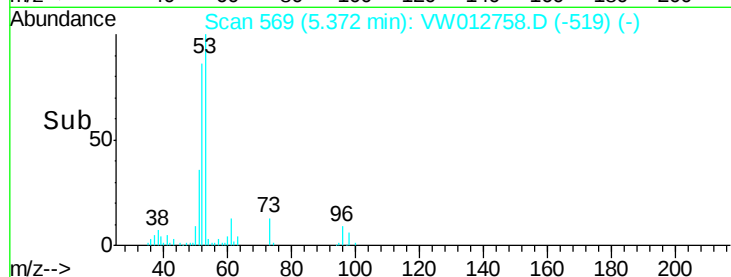
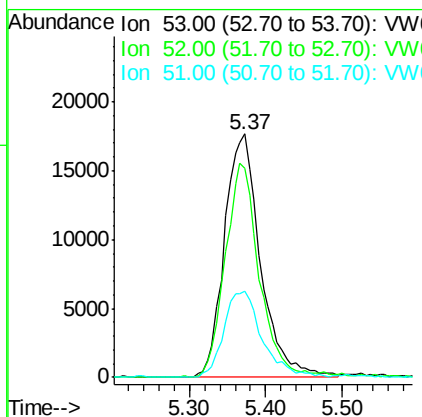
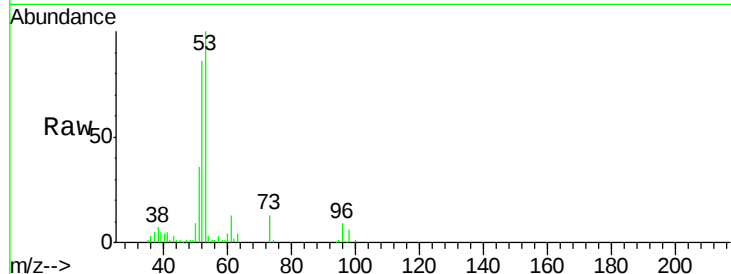
ClientSampleId :

VW0907SBS02

Tot Ion:	53	Resp:	57504
Ion	Ratio	Lower	Upper
53	100		
52	82.9	67.0	100.4
51	37.5	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 86.694 ug/l

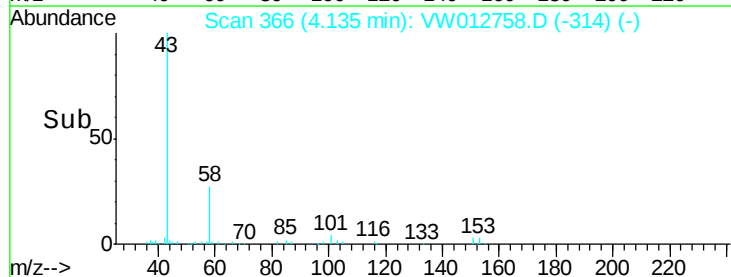
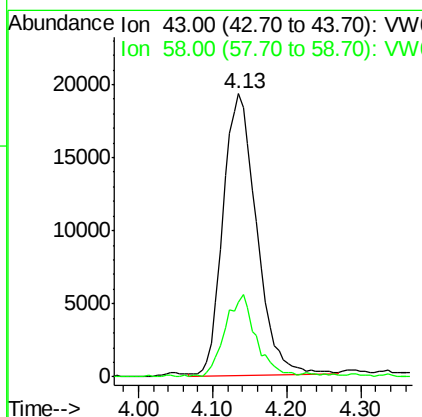
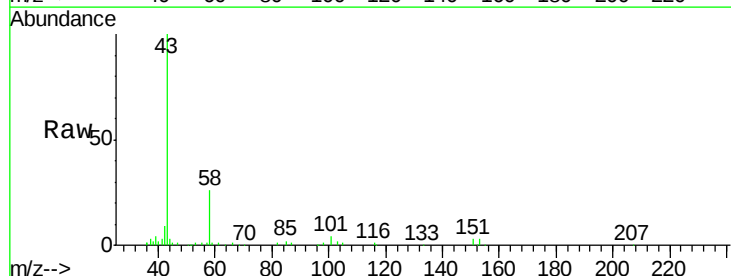
RT: 4.13 min Scan# 366

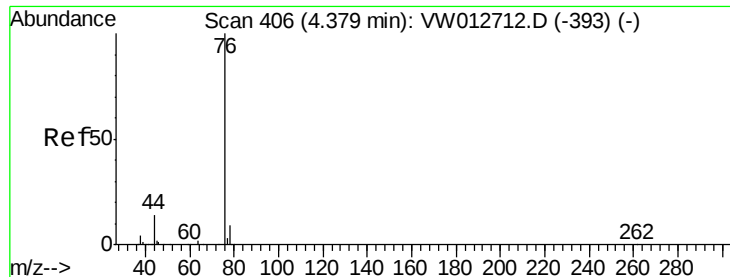
Delta R.T. 0.02 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	43	Resp:	60750
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.6	33.8





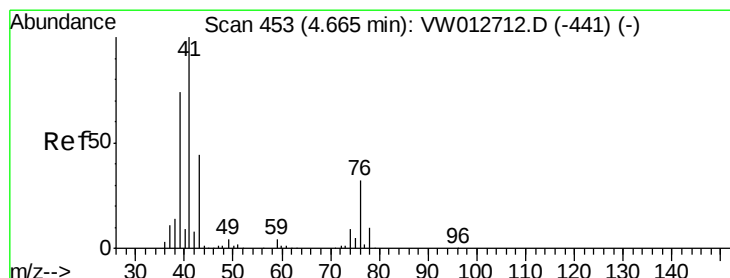
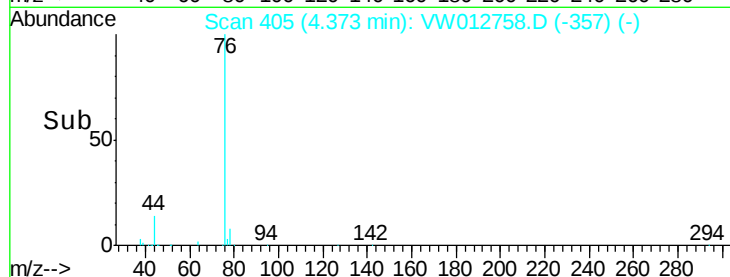
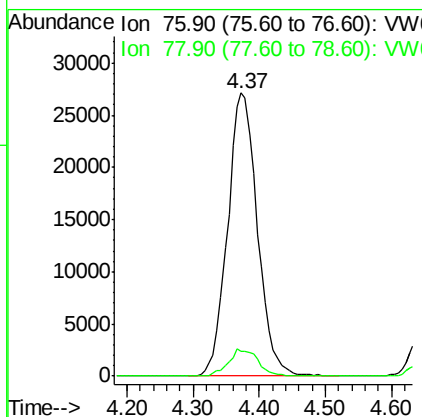
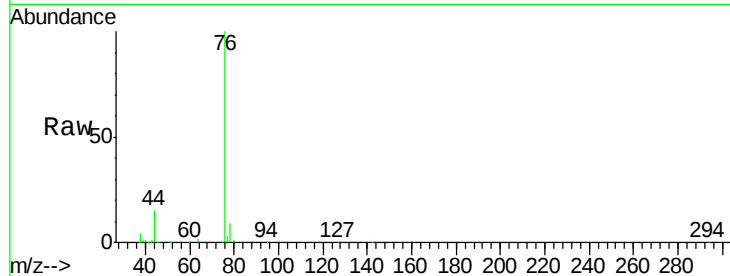
#17
Carbon Disulfide
Concen: 20.985 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.2	10.8

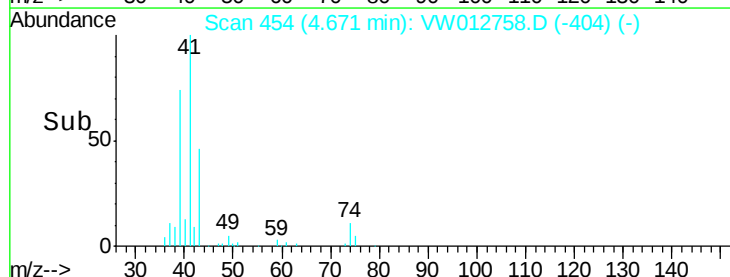
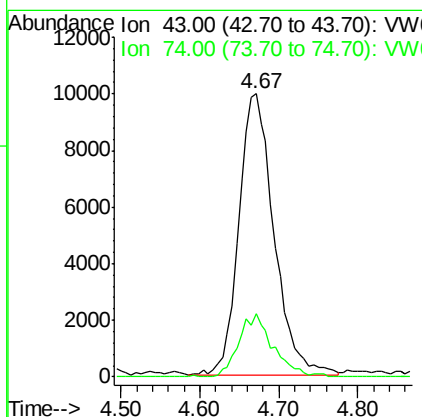
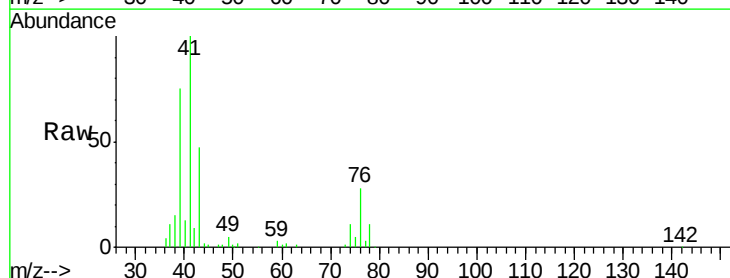
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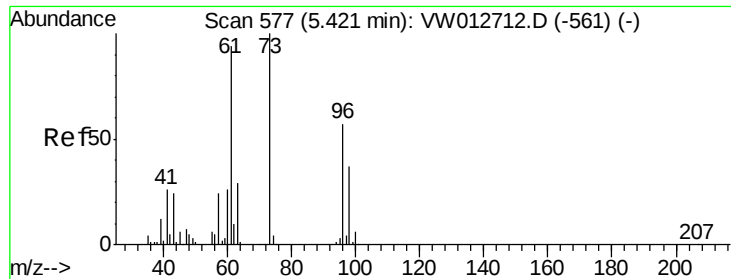
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#18
Methyl Acetate
Concen: 18.668 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.6	15.8	23.6





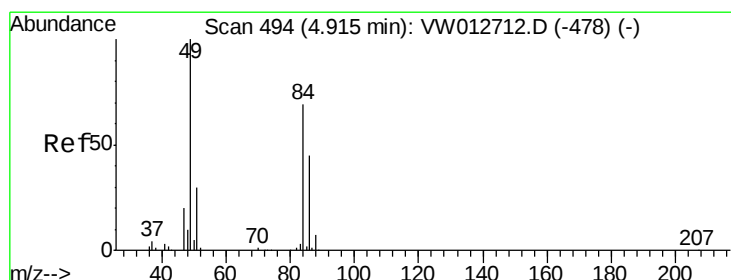
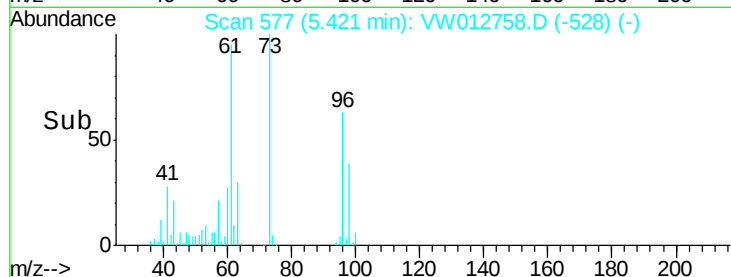
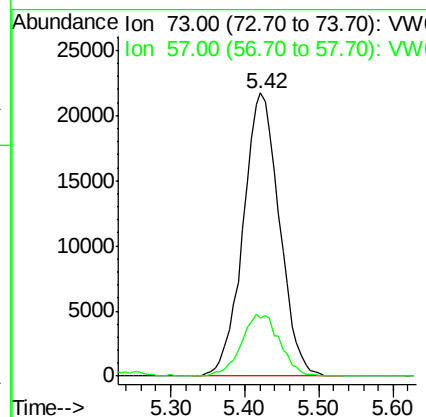
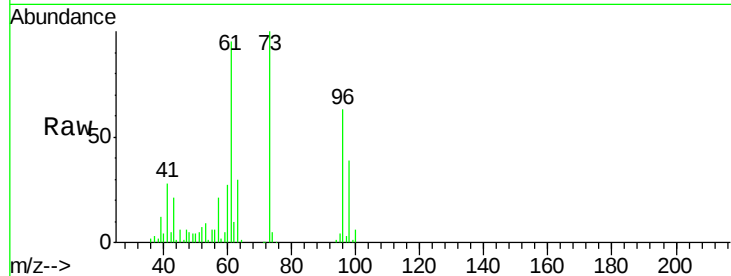
#19
Methyl tert-butyl Ether
Concen: 19.689 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion: 73 Resp: 74181
Ion Ratio Lower Upper
73 100
57 20.7 19.2 28.8

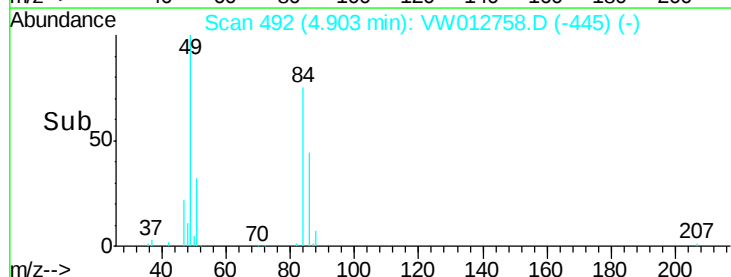
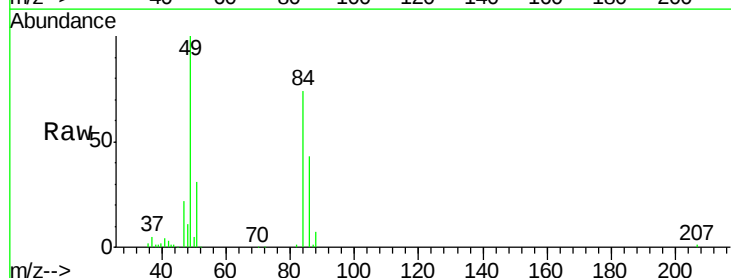
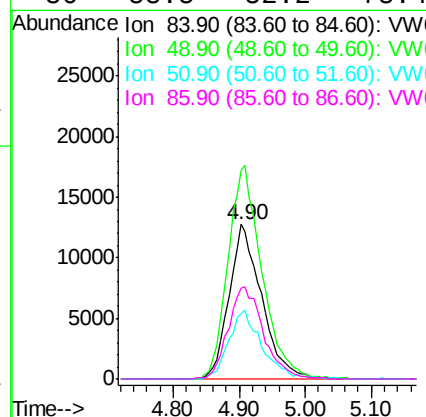
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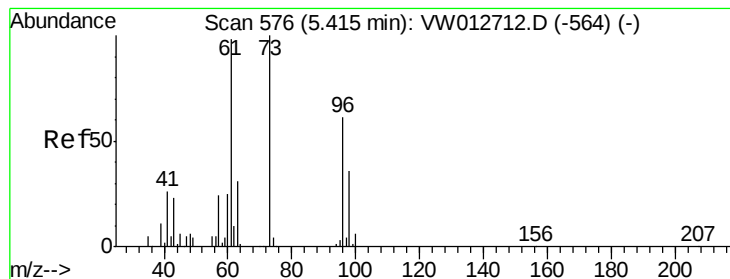
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#20
Methylene Chloride
Concen: 19.941 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 84 Resp: 43716
Ion Ratio Lower Upper
84 100
49 134.6 115.4 173.0
51 42.2 34.9 52.3
86 58.5 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 21.656 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 96 Resp: 41979

Ion Ratio Lower Upper

96 100

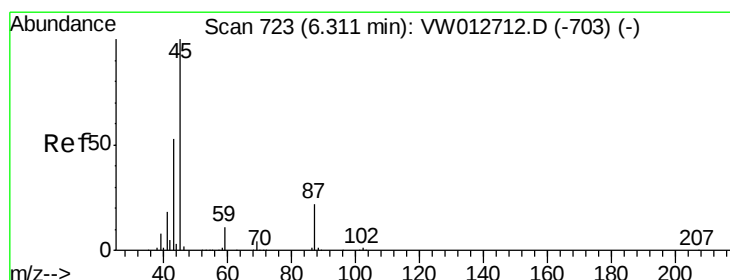
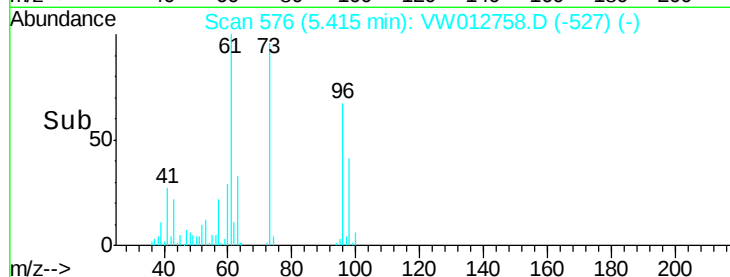
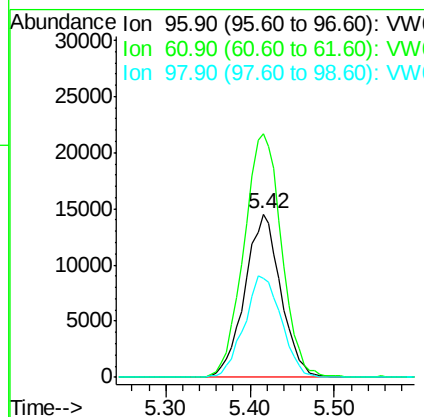
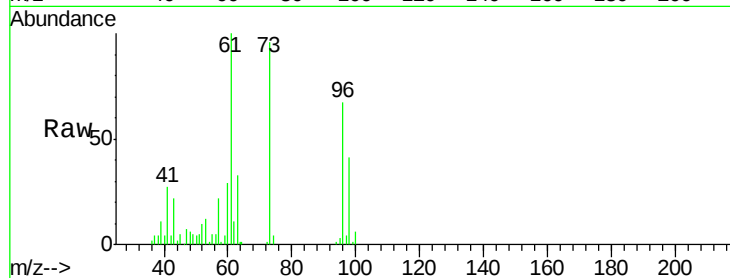
61 149.3 129.2 193.8

98 60.9 48.0 72.0

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#22

Diisopropyl ether

Concen: 21.308 ug/l

RT: 6.31 min Scan# 722

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion: 45 Resp: 166084

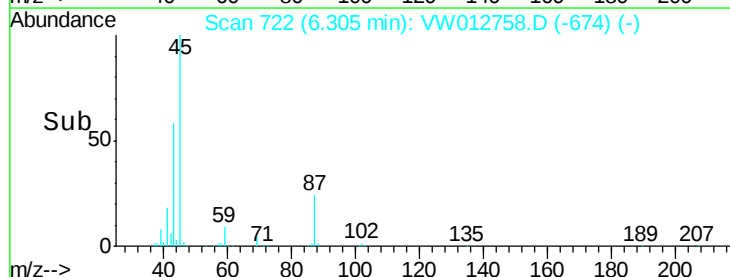
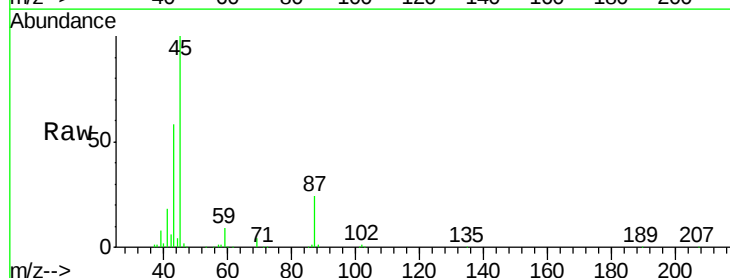
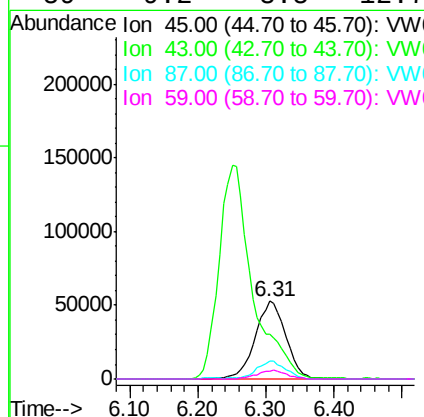
Ion Ratio Lower Upper

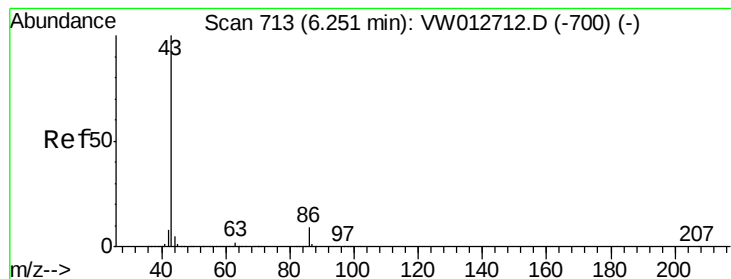
45 100

43 57.5 42.3 63.5

87 23.7 18.2 27.2

59 9.2 8.5 12.7





#23

Vinyl Acetate

Concen: 100.350 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tot Ion: 43 Resp: 495705

Ion Ratio Lower Upper

43 100

86 8.2 7.0 10.6

Instrument :

MSVOA_W

ClientSampleId :

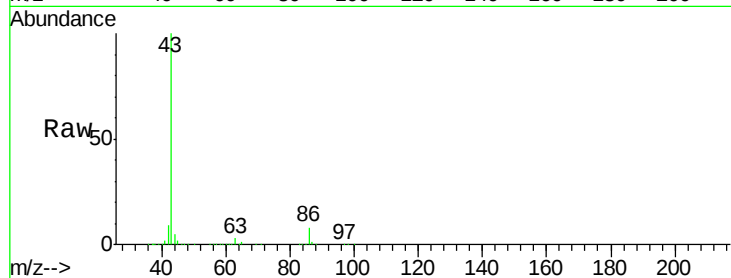
VW0907SBS02

Manual Integrations

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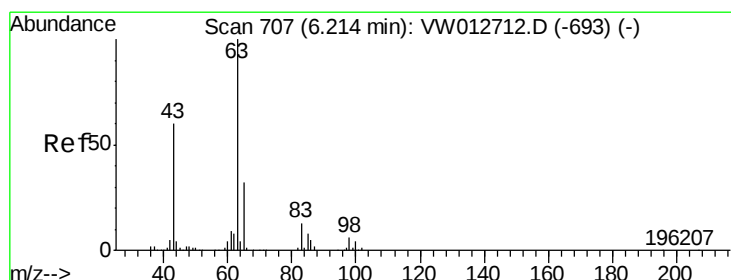
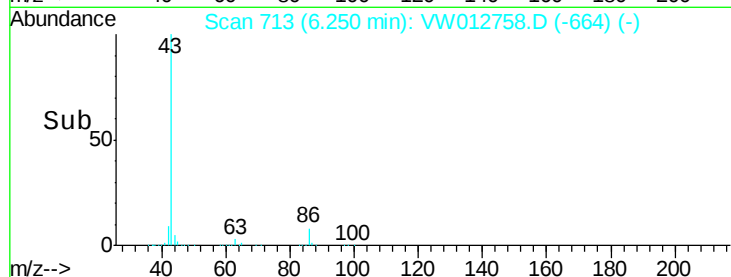
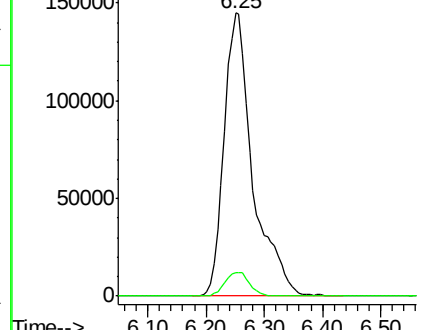
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 21.444 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

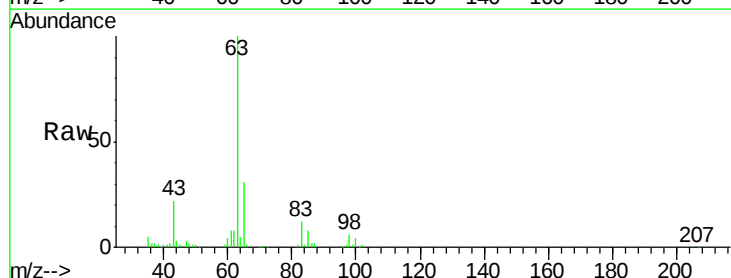
Tgt Ion: 63 Resp: 89998

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.3

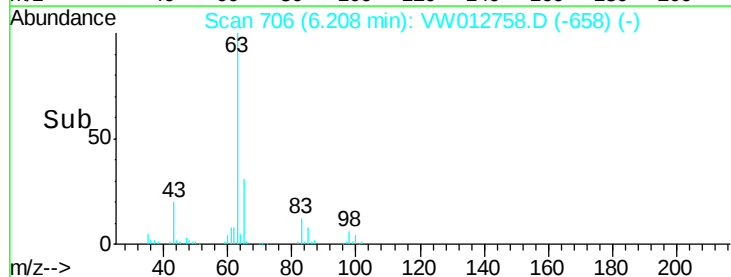
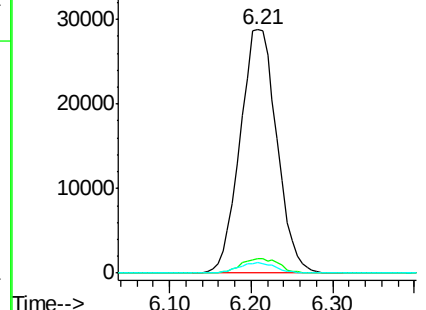
100 4.4 1.8 5.5

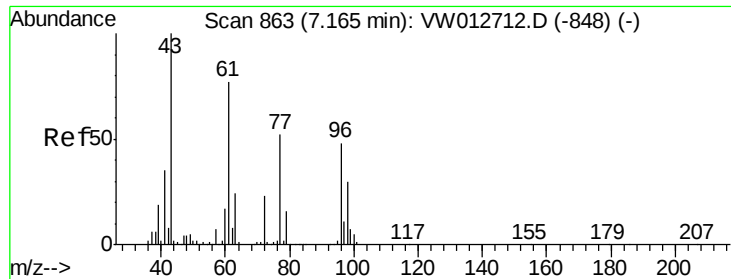


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 94.614 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 43 Resp: 83921

Ion Ratio Lower Upper

43 100

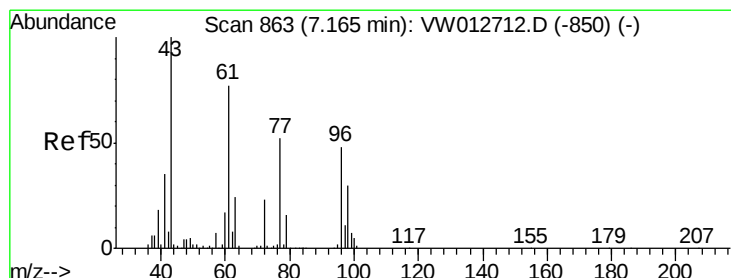
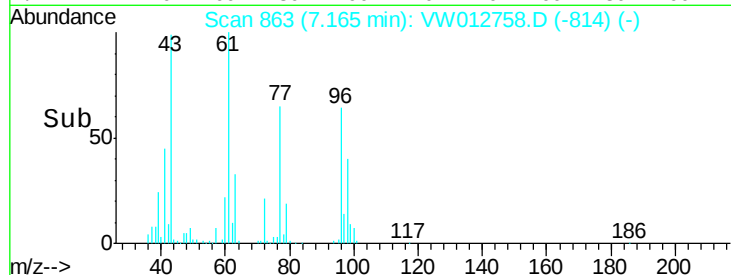
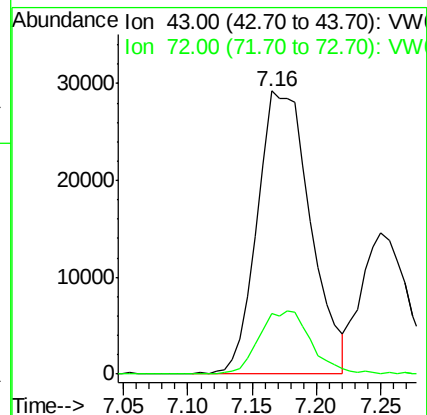
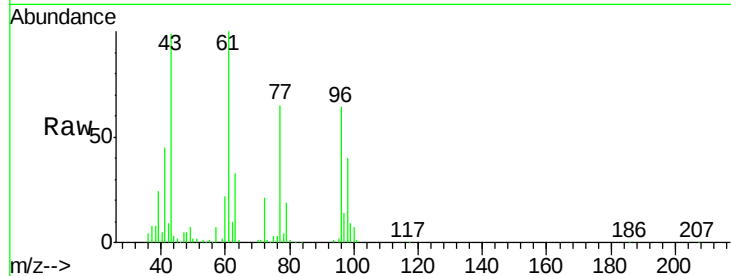
72 21.3 18.0 27.0

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#26

2,2-Dichloropropane

Concen: 20.873 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW012758.D

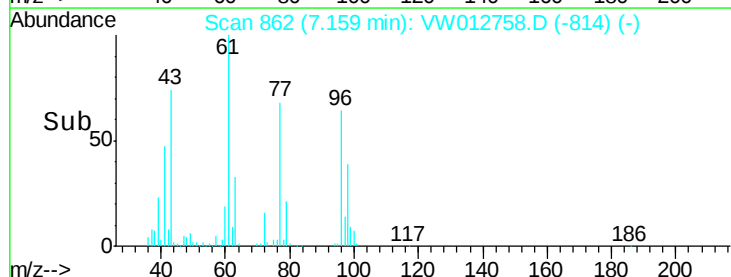
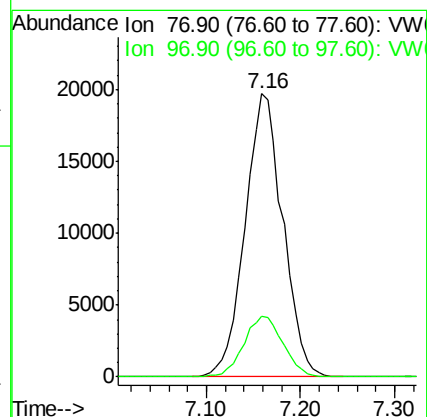
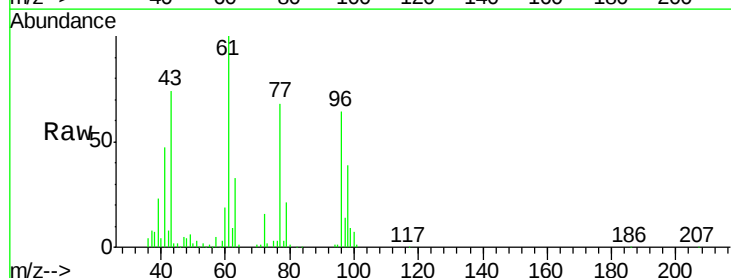
Acq: 08 Sep 2019 09:41

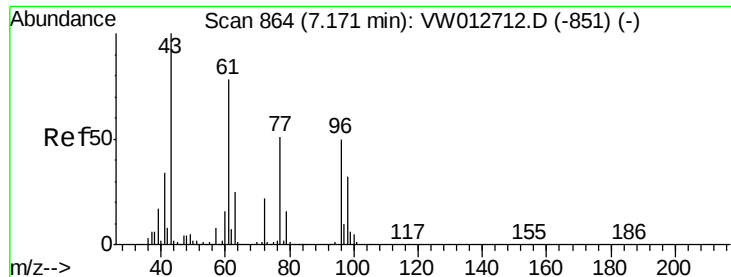
Tgt Ion: 77 Resp: 55328

Ion Ratio Lower Upper

77 100

97 22.2 10.7 32.1





#27

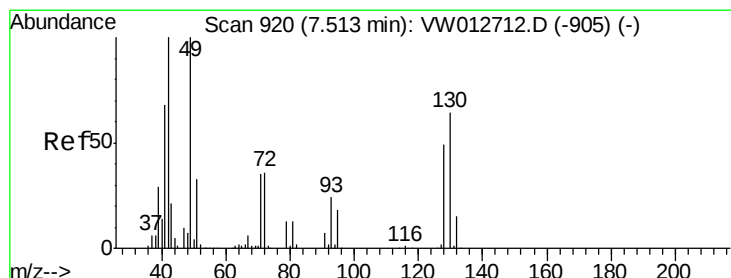
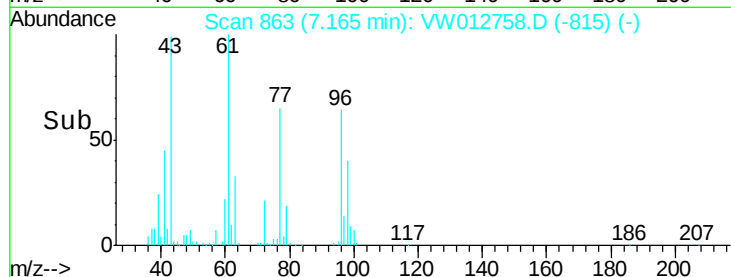
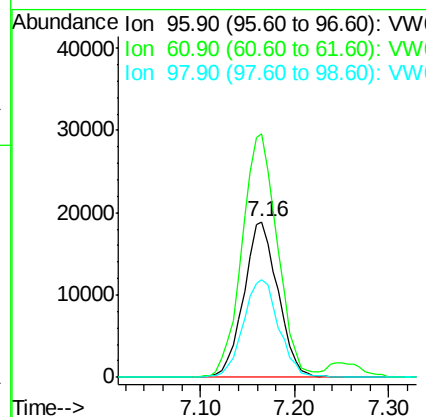
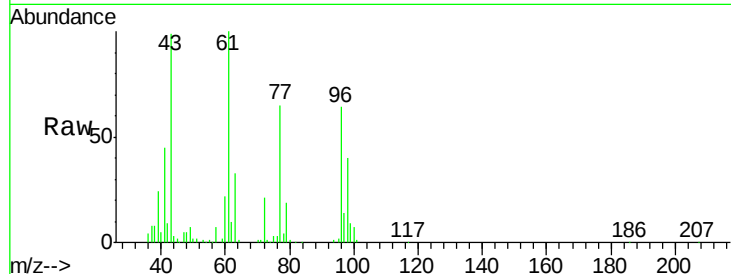
cis-1,2-Dichloroethene
 Concen: 21.354 ug/l
 RT: 7.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

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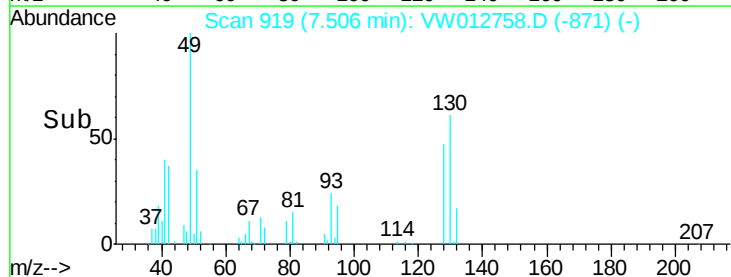
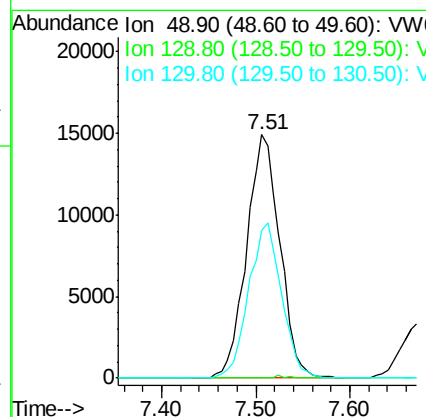
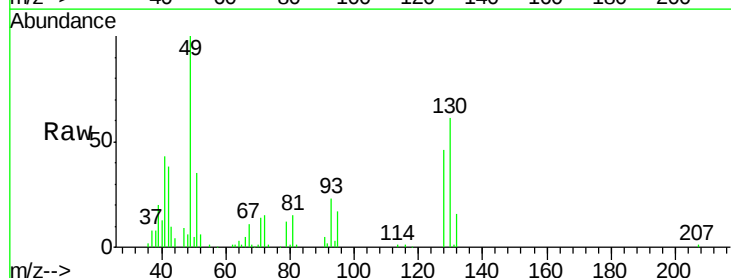
Tot Ion	Ratio	Lower	Upper
96	100		
61	161.5	0.0	325.8
98	65.3	0.0	127.0



#28

Bromochloromethane
 Concen: 19.158 ug/l
 RT: 7.51 min Scan# 919
 Delta R.T. -0.01 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	0.8
130	63.2	49.8	74.8





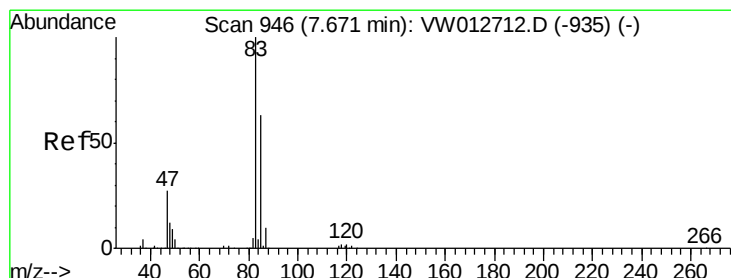
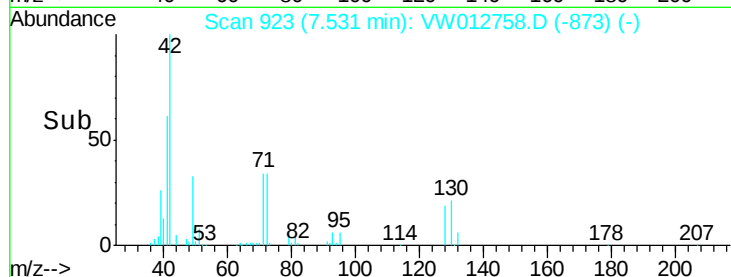
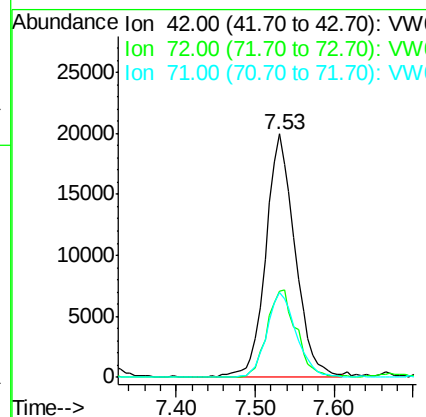
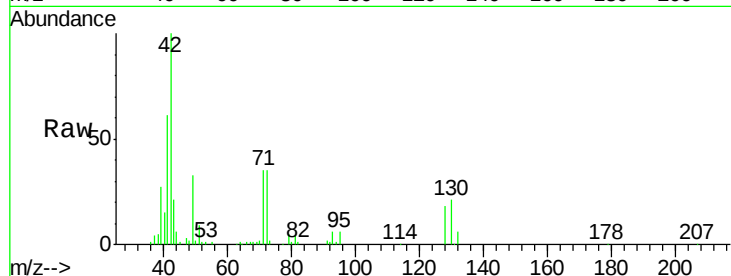
#29
Tetrahydrofuran
Concen: 91.290 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion:	42	Resp:	51659
Ion Ratio	Lower	Upper	
42	100		
72	36.0	28.4	42.6
71	34.9	27.1	40.7

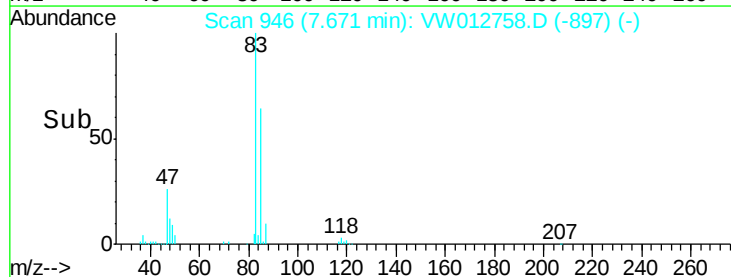
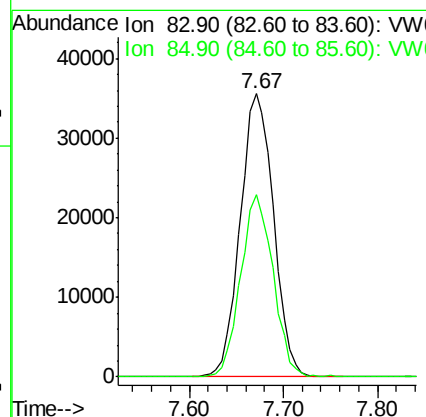
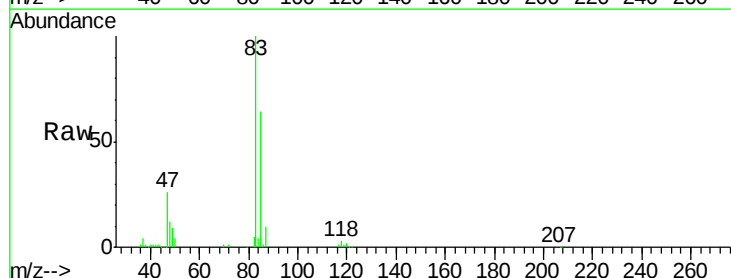
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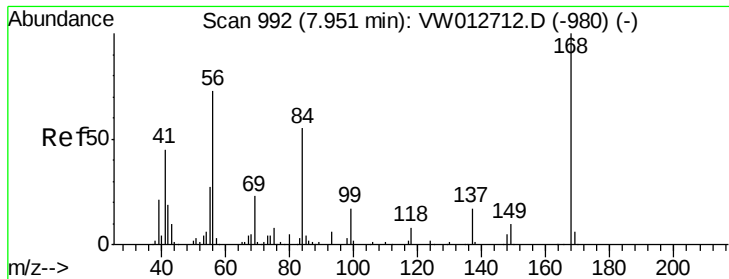
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#30
Chloroform
Concen: 21.167 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:	83	Resp:	88040
Ion Ratio	Lower	Upper	
83	100		
85	64.2	50.6	76.0





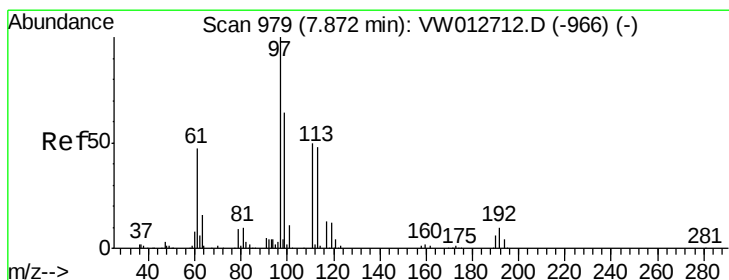
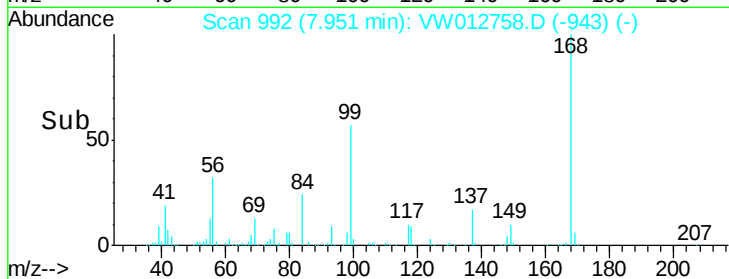
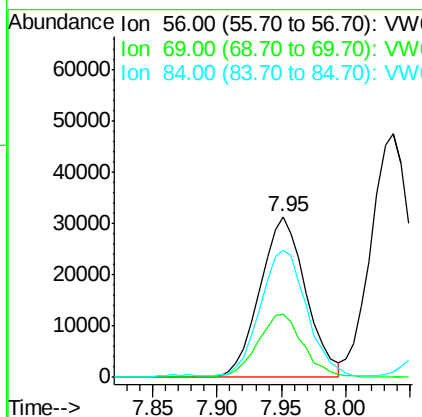
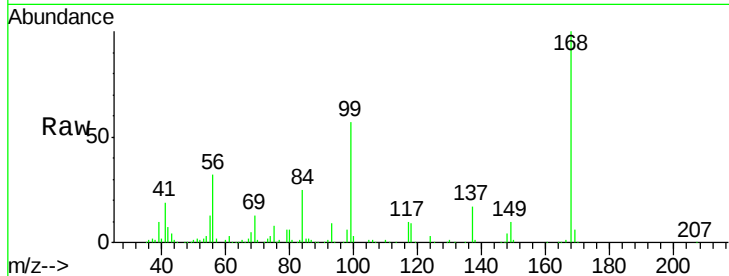
#31
Cyclohexane
Concen: 20.563 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.3	25.7	38.5#
84	77.7	60.4	90.6

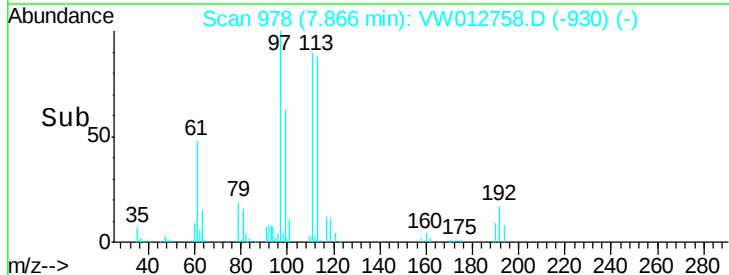
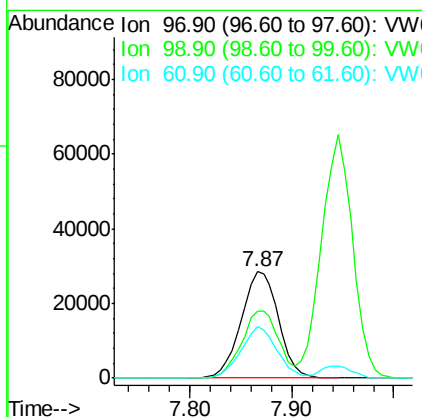
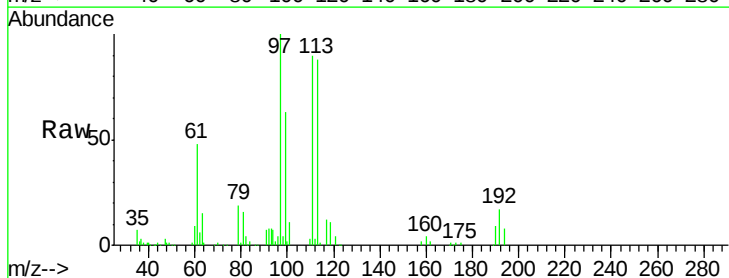
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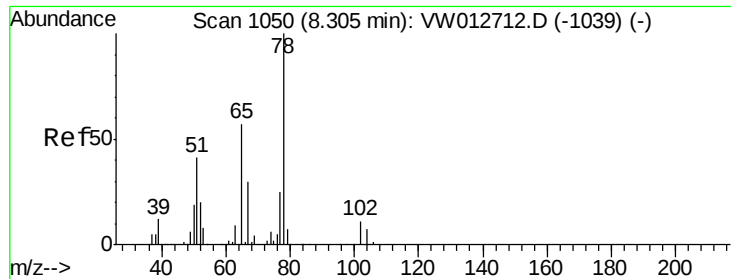
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#32
1,1,1-Trichloroethane
Concen: 21.431 ug/l
RT: 7.87 min Scan# 978
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.5	77.3
61	46.6	37.9	56.9





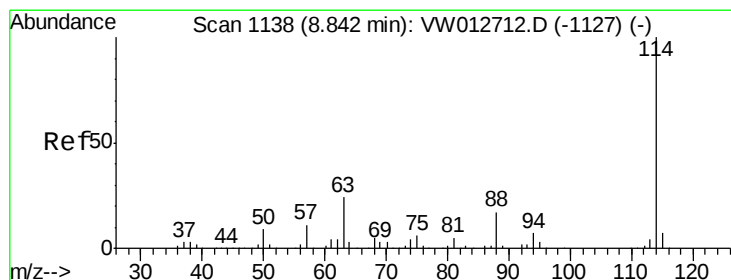
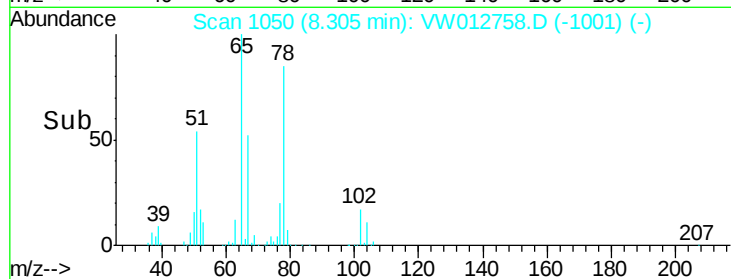
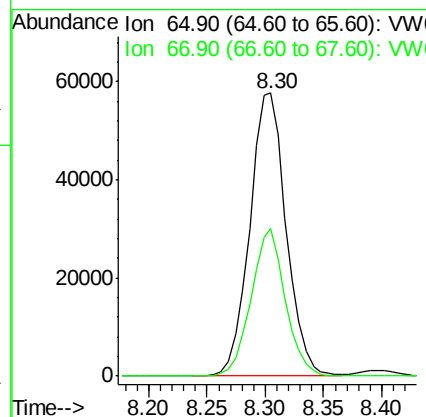
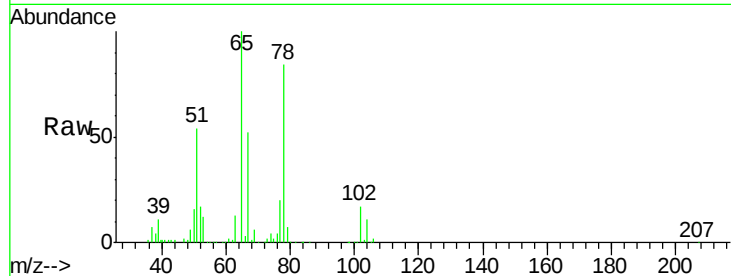
#33
 1,2-Dichloroethane-d4
 Concen: 48.783 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100	125392		
67	49.1	0.0	101.8	

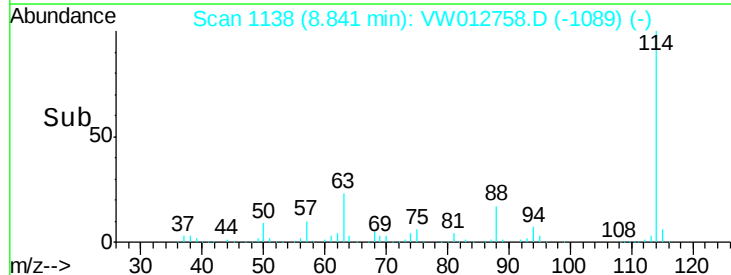
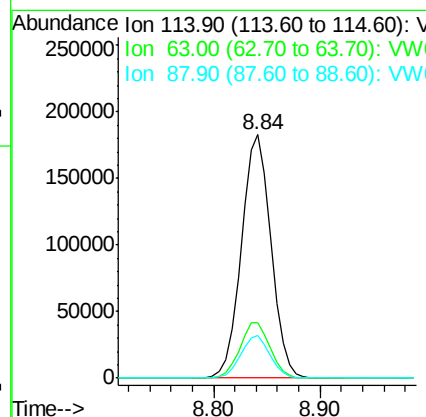
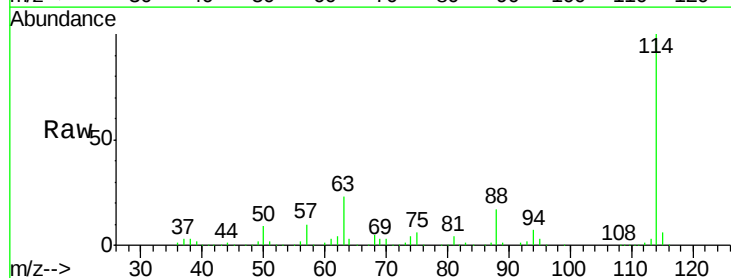
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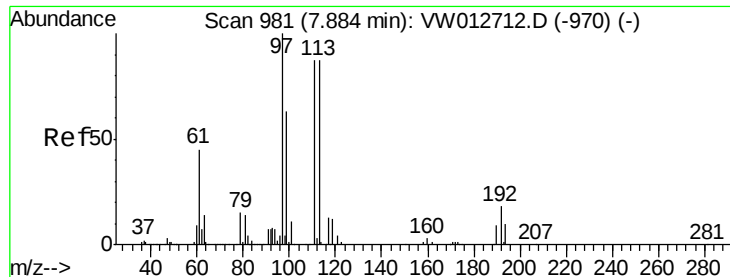
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	357065		
63	22.9	0.0	47.2	
88	17.4	0.0	34.0	





#35

Dibromofluoromethane

Concen: 43.550 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

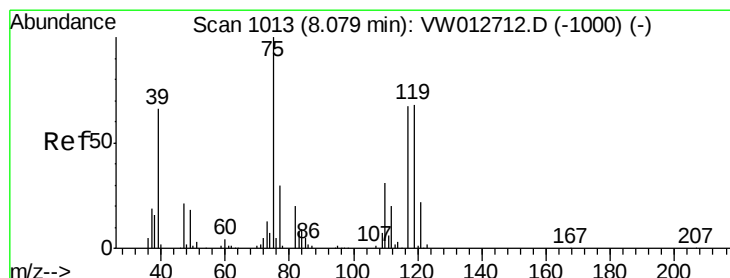
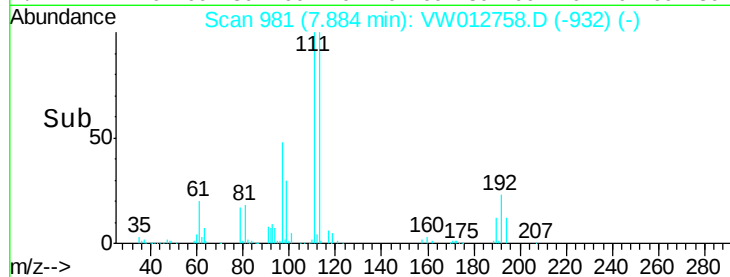
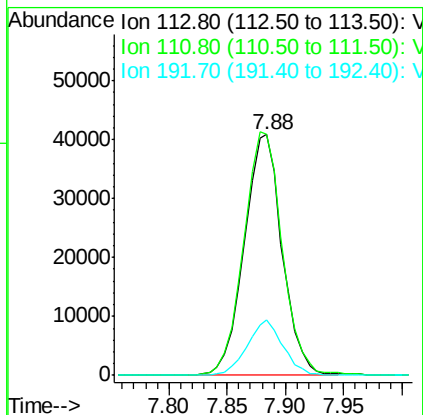
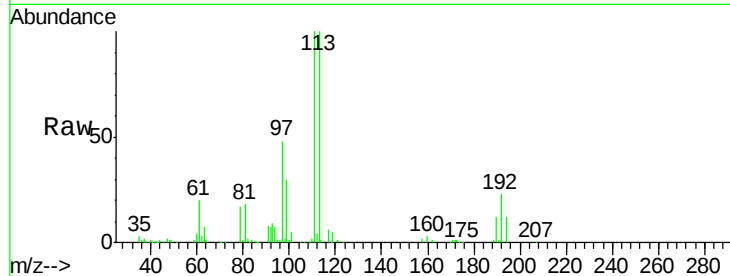
ClientSampleId :

VW0907SBSD02

Tot Ion:	113	Resp:	92451
Ion	Ratio	Lower	Upper
113	100		
111	103.4	80.2	120.4
192	21.9	17.3	25.9

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#36

1,1-Dichloropropene

Concen: 21.276 ug/l

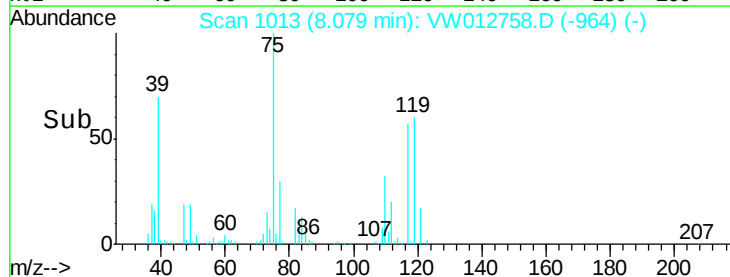
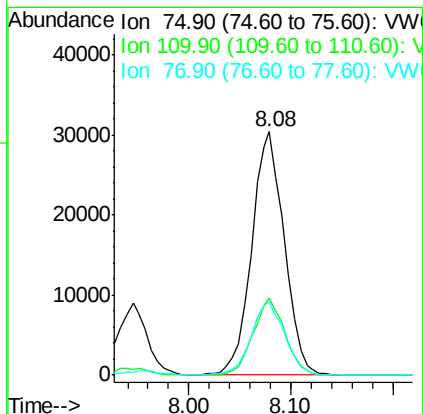
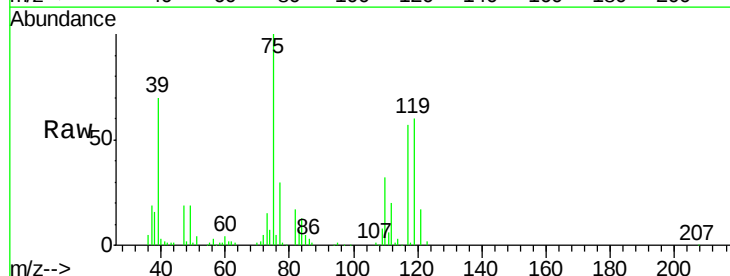
RT: 8.08 min Scan# 1013

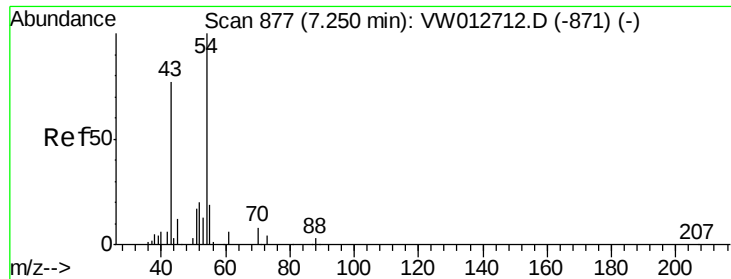
Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	75	Resp:	67502
Ion	Ratio	Lower	Upper
75	100		
110	31.0	15.9	47.7
77	31.4	25.0	37.4





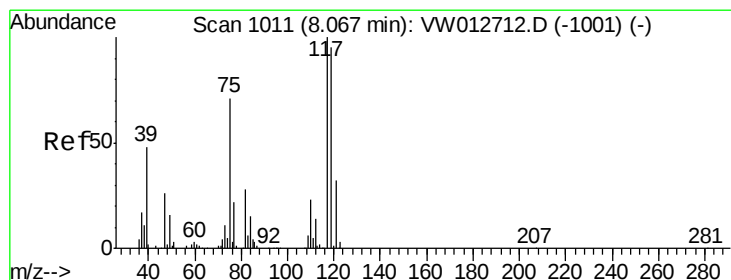
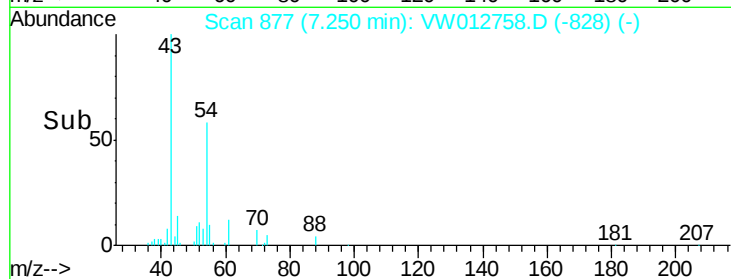
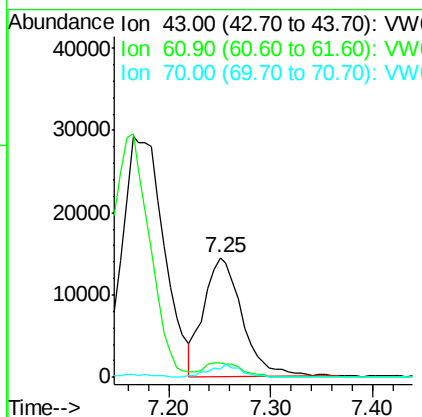
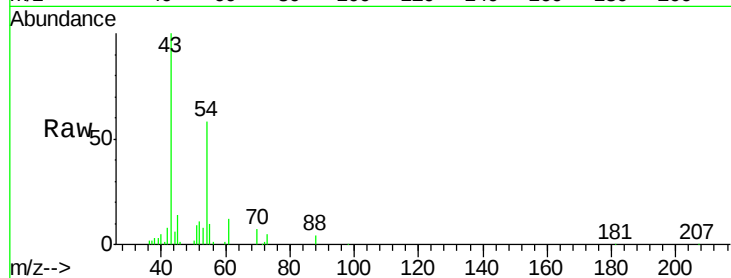
#37
Ethyl Acetate
Concen: 18.673 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.5	14.3
70	8.9	7.0	10.6

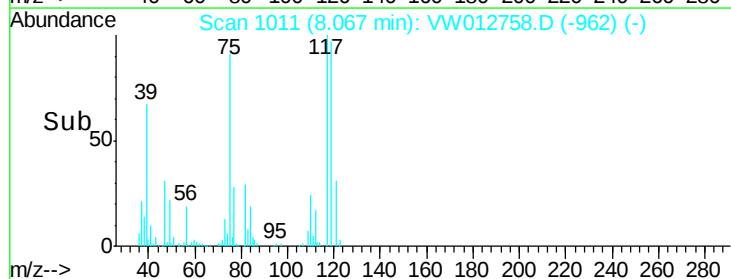
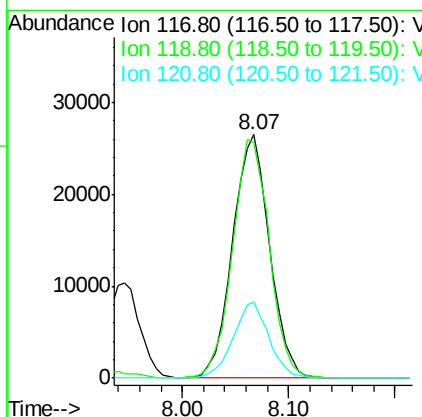
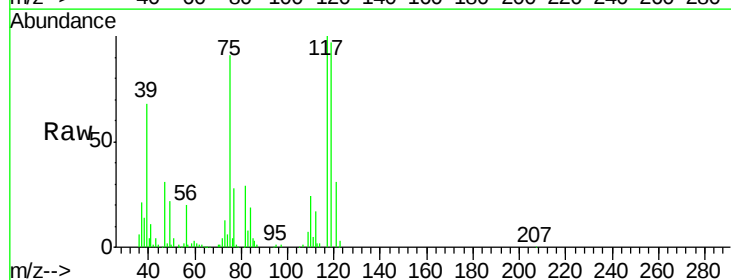
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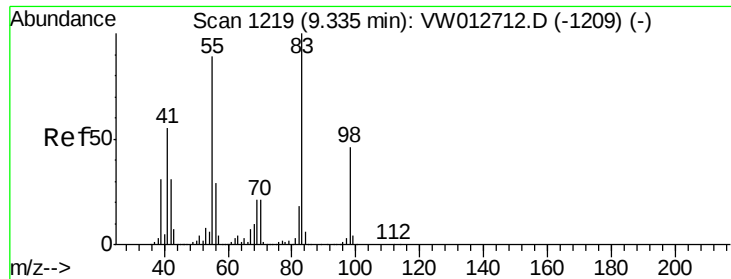
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#38
Carbon Tetrachloride
Concen: 20.643 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.1	76.2	114.2
121	31.3	25.4	38.2





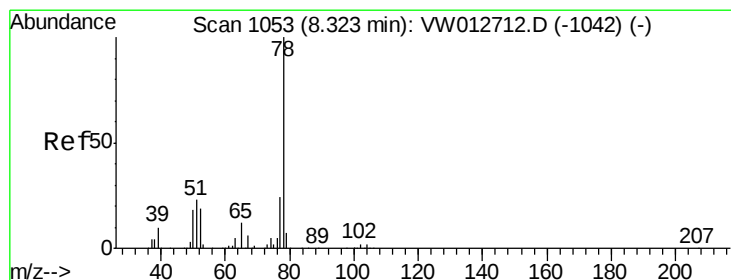
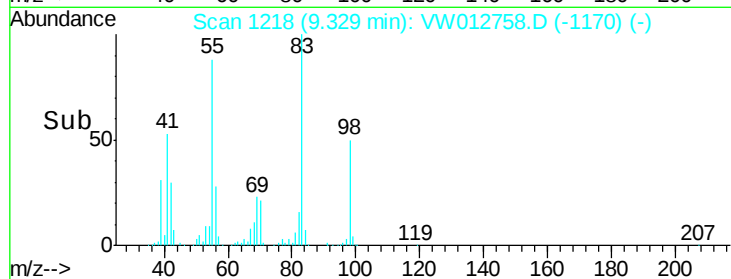
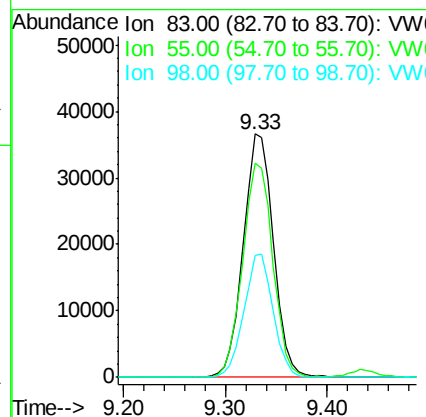
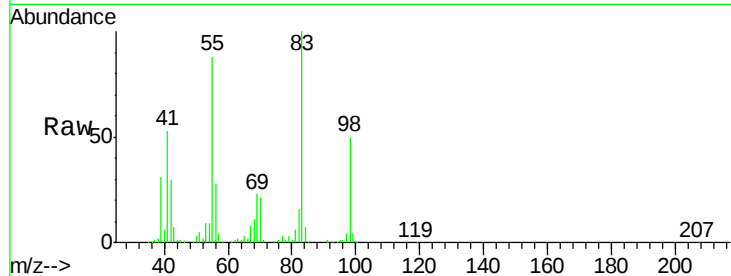
#39
Methvlcvclohexane
Concen: 21.141 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	87.7	71.0	106.4
98	49.9	36.9	55.3

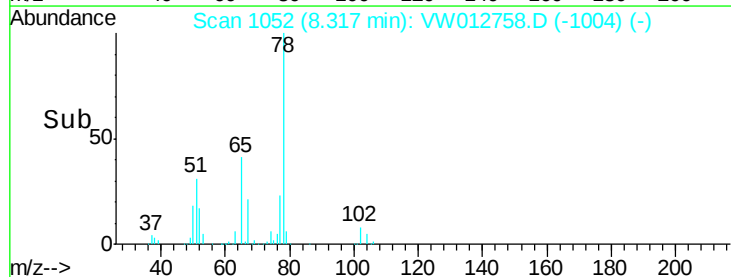
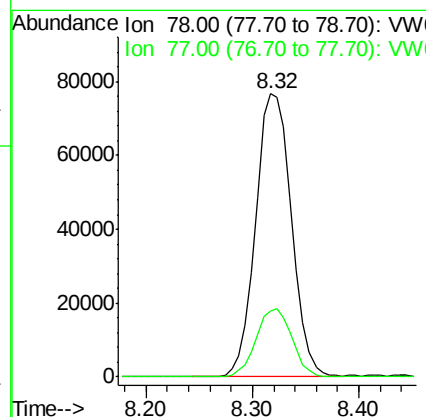
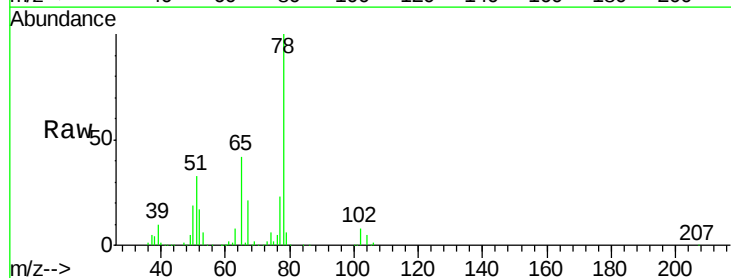
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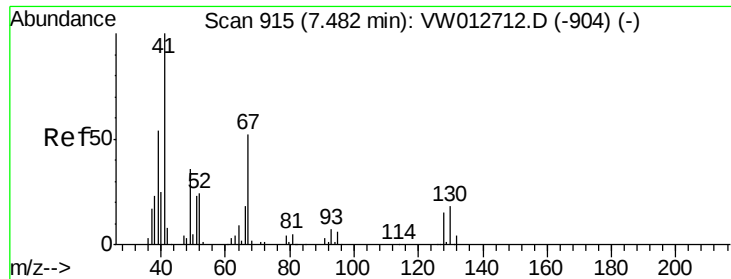
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#40
Benzene
Concen: 20.539 ug/l
RT: 8.32 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.3	28.9





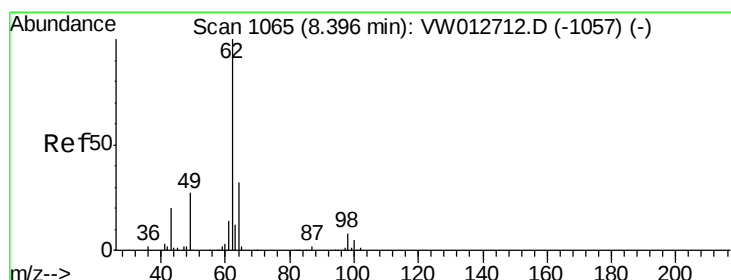
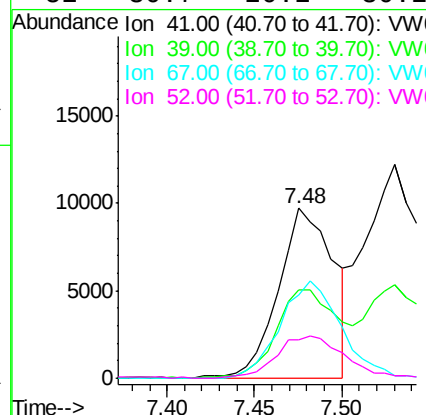
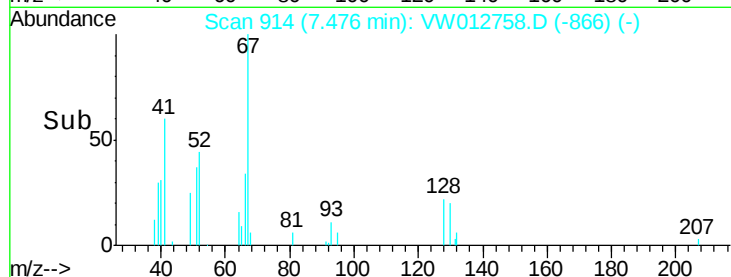
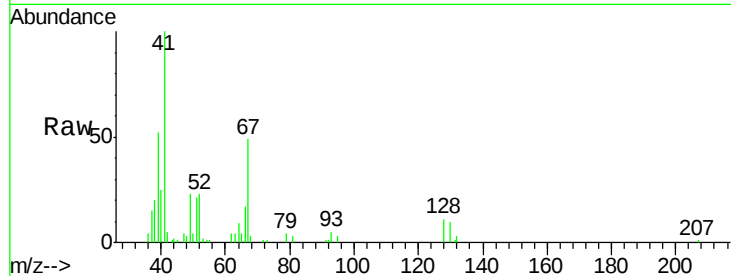
#41
Methacrylonitrile
Concen: 18.177 ug/l
RT: 7.48 min Scan# 914
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
41	100		
39	60.3	47.5	71.3
67	63.3	45.1	67.7
52	30.7	20.2	30.2#

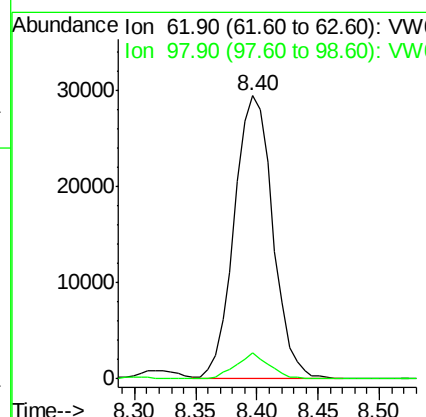
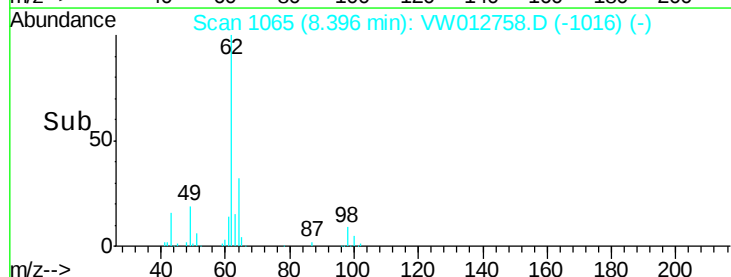
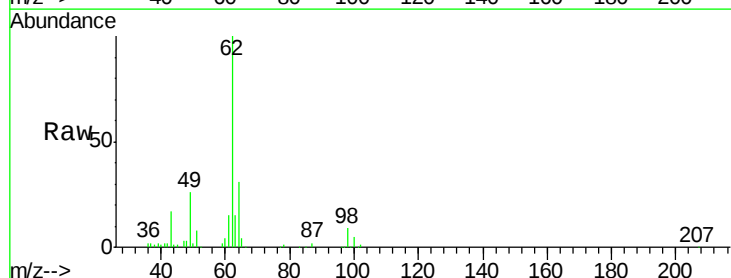
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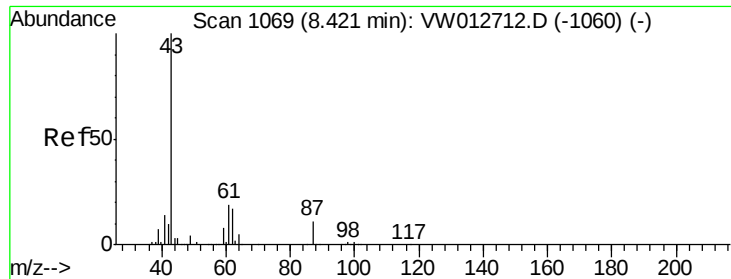
MMDadoda
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#42
1,2-Dichloroethane
Concen: 20.673 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	16.2





#43

Isopropyl Acetate

Concen: 18.231 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

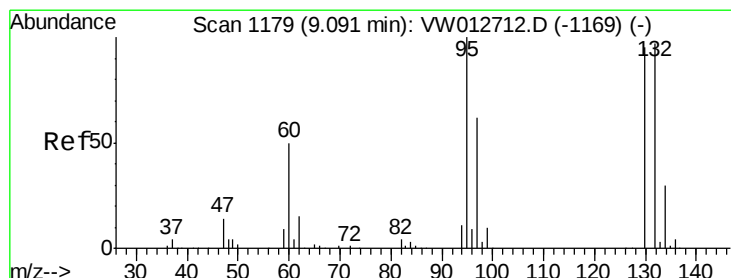
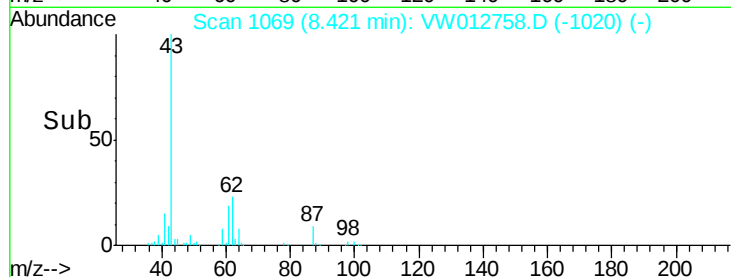
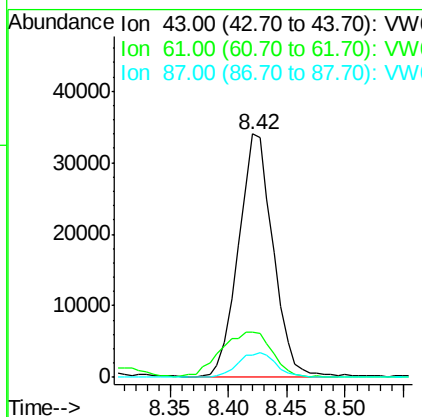
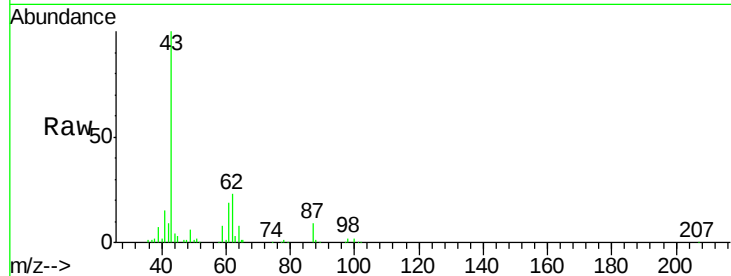
ClientSampleId :

VW0907SBS02

Tot Ion:	43	Resp:	69855
Ion	Ratio	Lower	Upper
43	100		
61	28.4	20.6	30.8
87	11.2	8.6	13.0

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#44

Trichloroethene

Concen: 20.965 ug/l

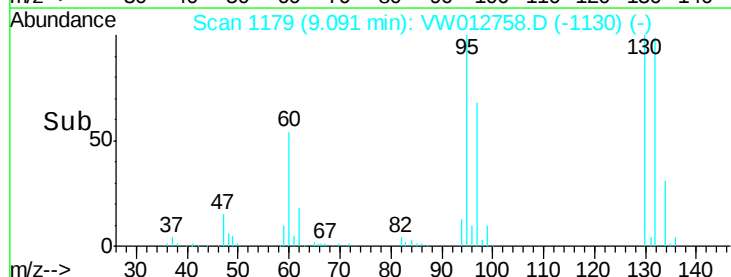
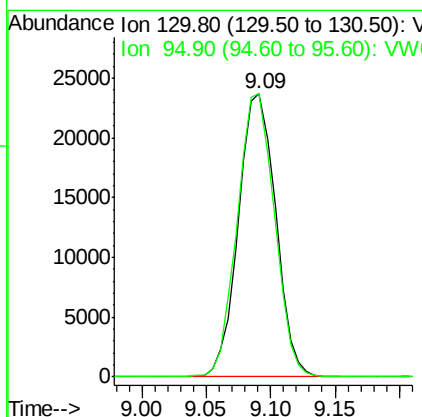
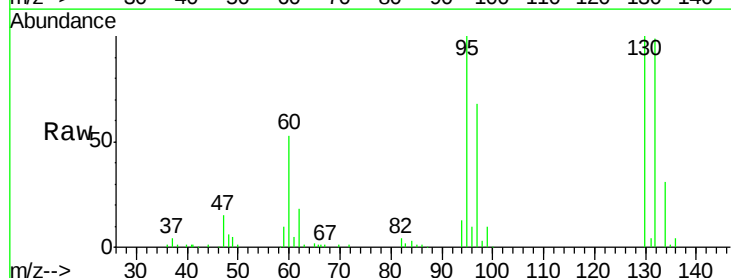
RT: 9.09 min Scan# 1179

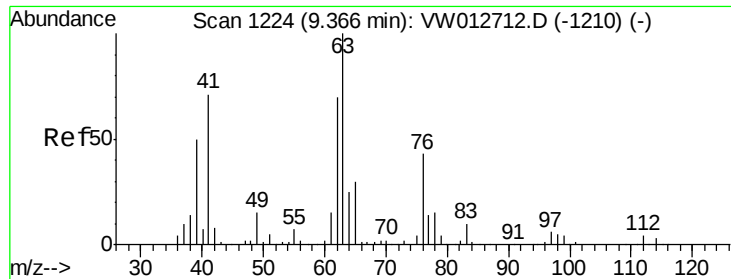
Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	130	Resp:	47570
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	210.6





#45

1,2-Dichloropropane

Concen: 20.353 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 63 Resp: 49690

Ion Ratio Lower Upper

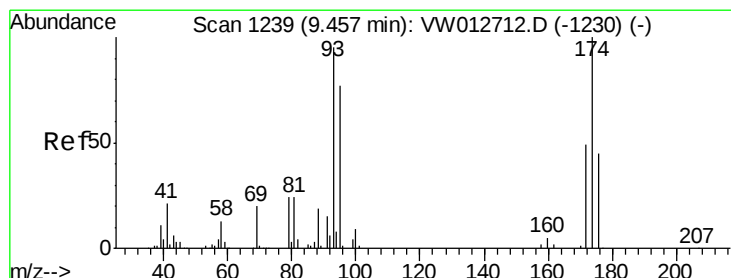
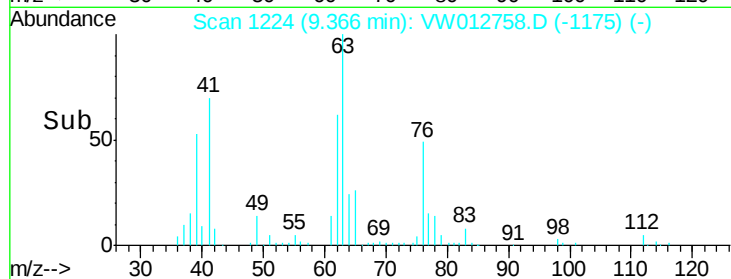
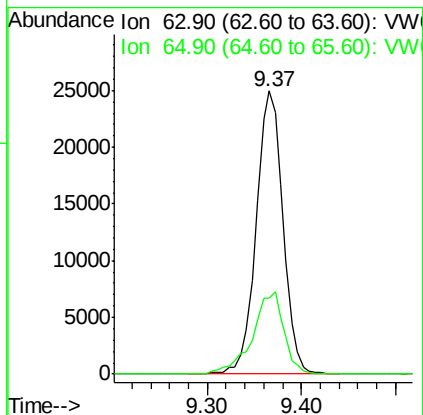
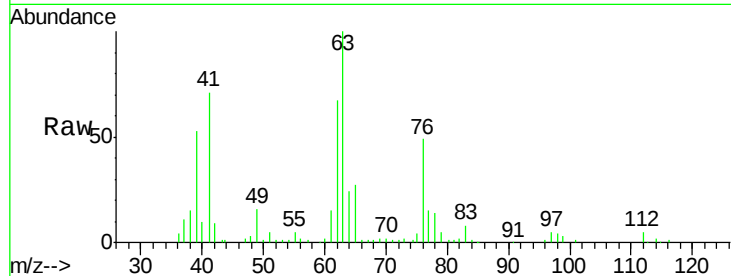
63 100

65 26.8 23.8 35.8

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#46

Dibromomethane

Concen: 19.937 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

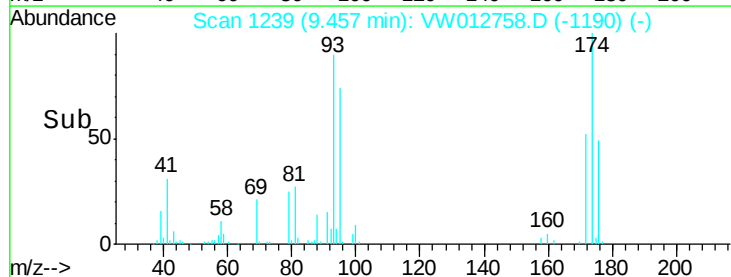
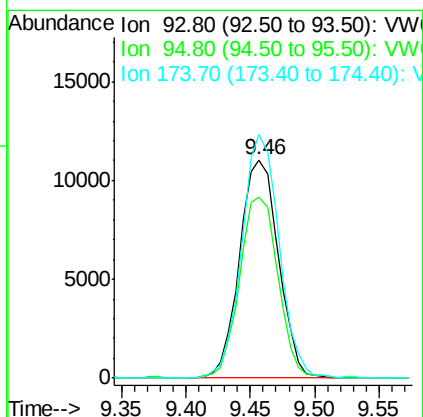
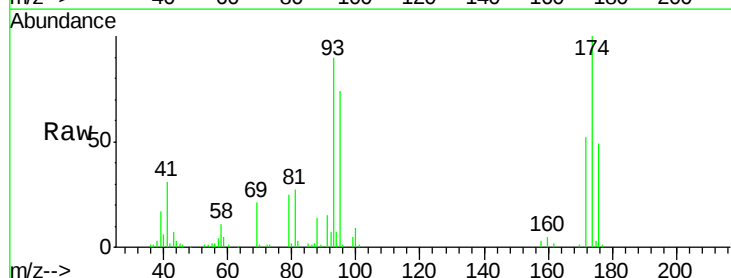
Tgt Ion: 93 Resp: 23049

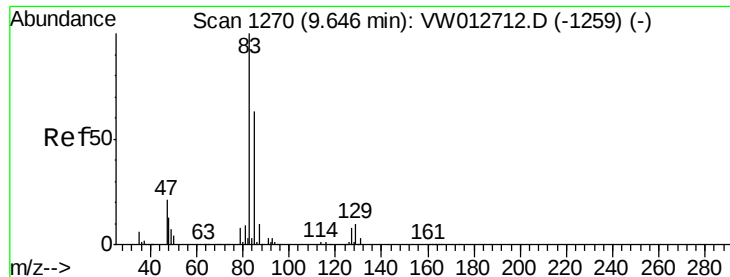
Ion Ratio Lower Upper

93 100

95 82.2 65.2 97.8

174 107.4 84.2 126.4





#47

Bromodichloromethane

Concen: 19.648 ug/l

RT: 9.64 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

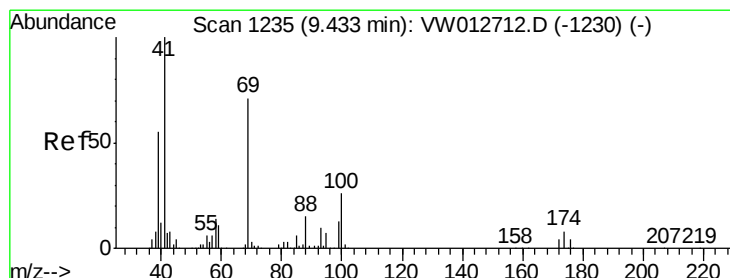
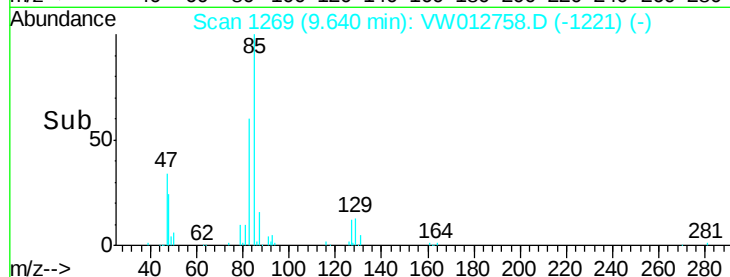
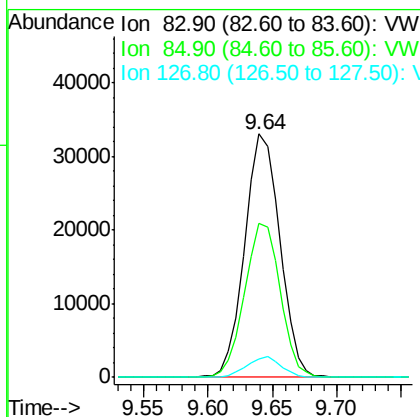
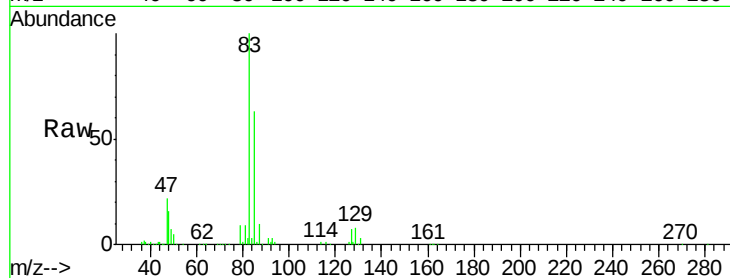
ClientSampleId :

VW0907SBSD02

Tot Ion:	83	Resp:	62493
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.2	75.2
127	7.3	6.6	9.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.783 ug/l

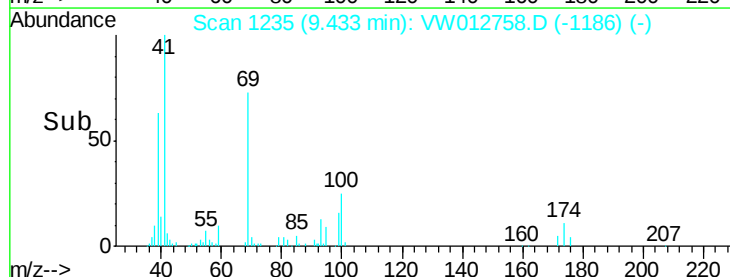
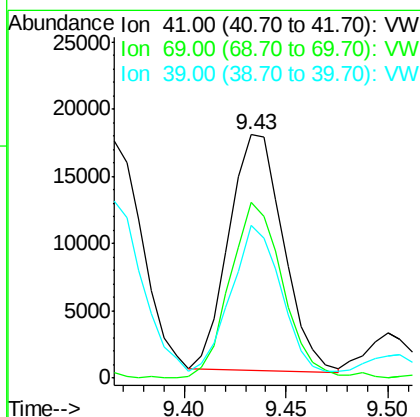
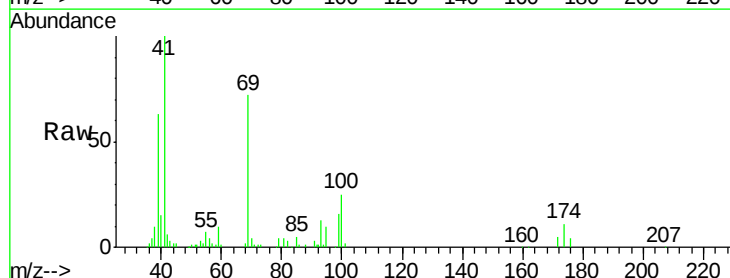
RT: 9.43 min Scan# 1235

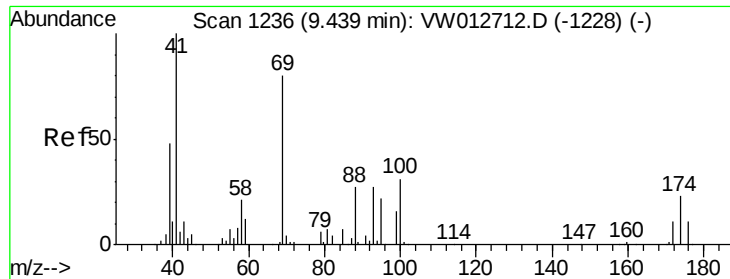
Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	41	Resp:	32562
Ion Ratio	Lower	Upper	
41	100		
69	71.8	59.8	89.8
39	56.9	47.0	70.6





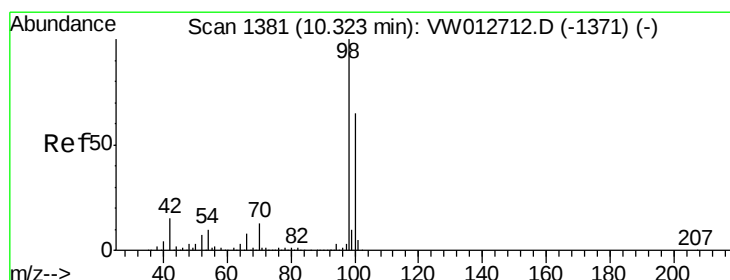
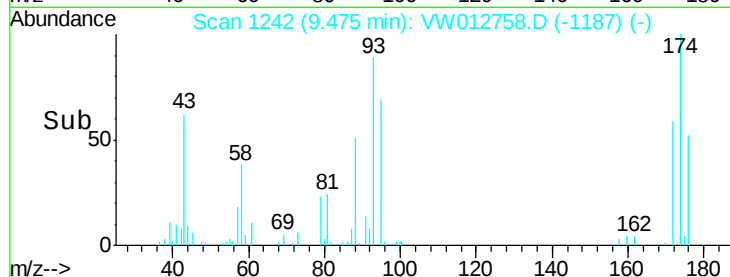
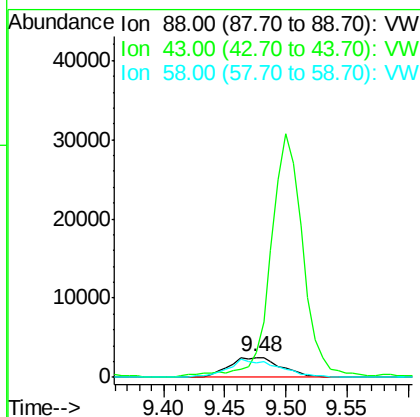
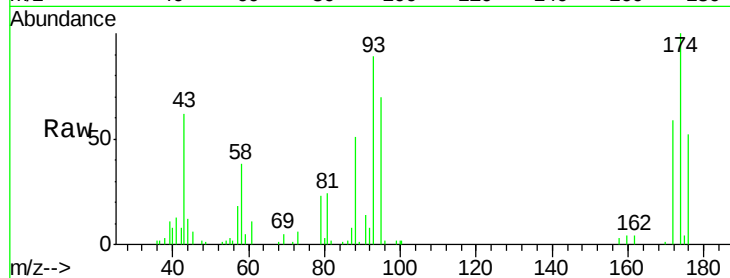
#49
1,4-Dioxane
Concen: 325.887 ug/l
RT: 9.48 min Scan# 1242
Delta R.T. 0.04 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	0.0	34.8	52.2#
58	88.7	64.1	96.1

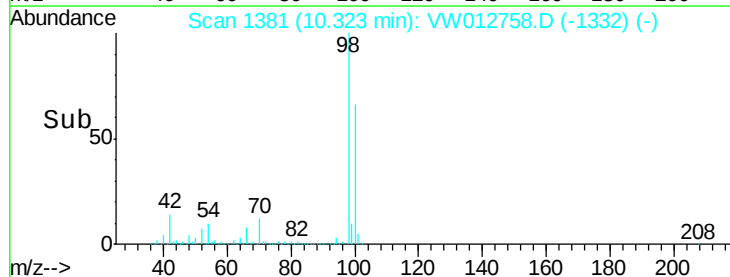
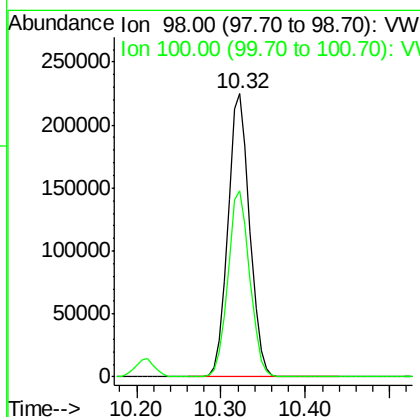
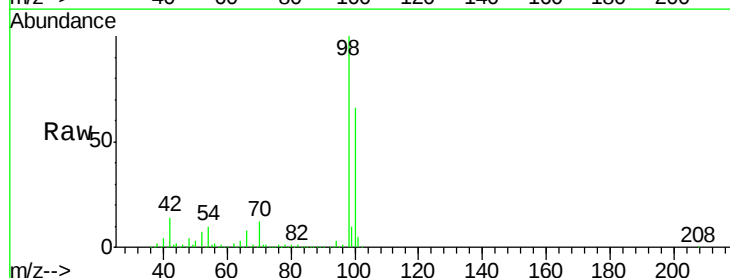
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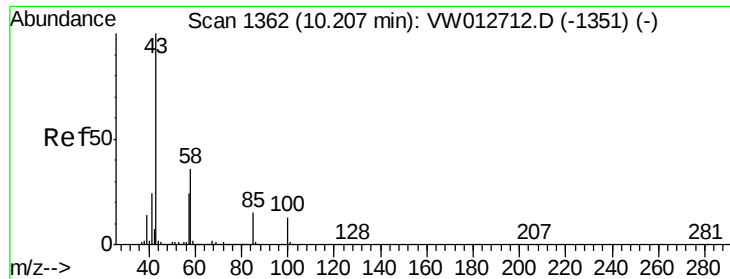
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#50
Toluene-d8
Concen: 47.367 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.9	52.2	78.4





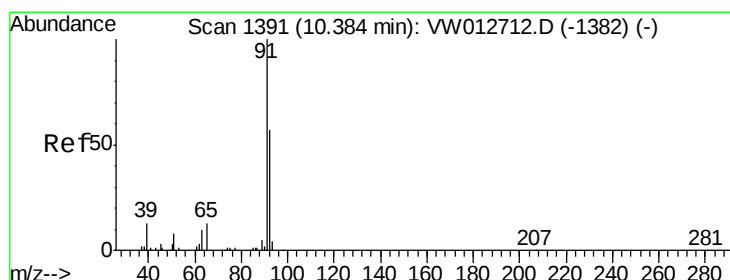
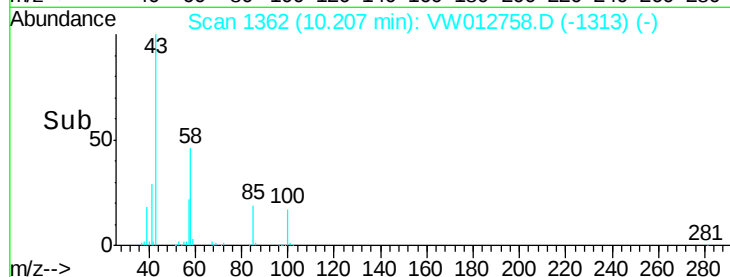
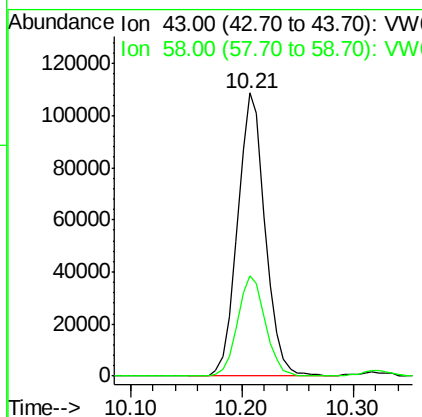
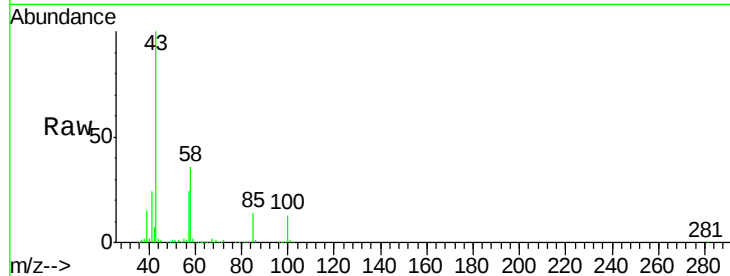
#51
4-Methyl-2-Pentanone
Concen: 92.071 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	43	Resp	185116
Ion Ratio	100	Lower	Upper
58	35.8	28.4	42.6

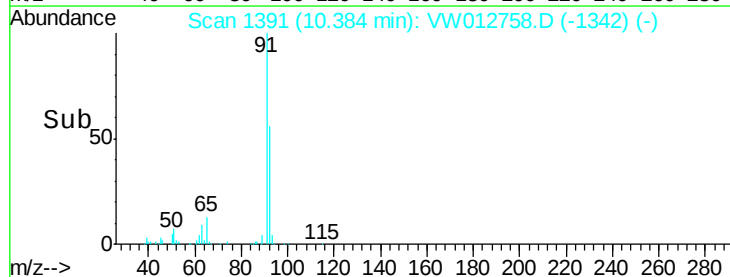
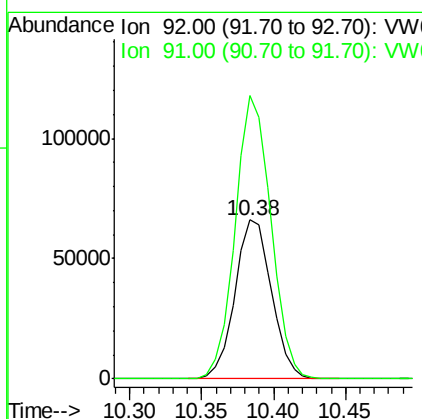
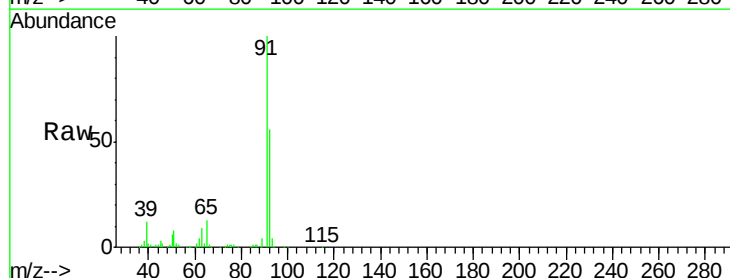
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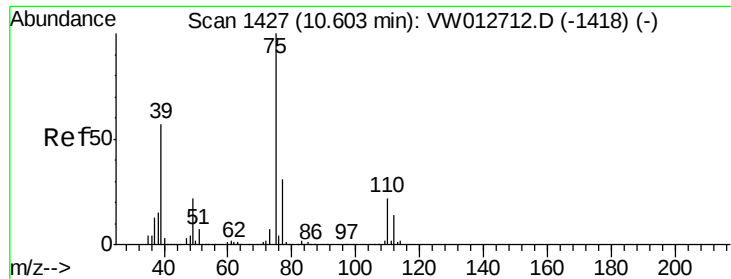
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#52
Toluene
Concen: 21.263 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	92	Resp	116818
Ion Ratio	100	Lower	Upper
91	173.8	137.0	205.4





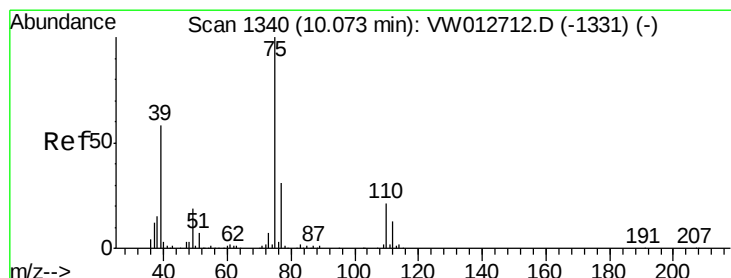
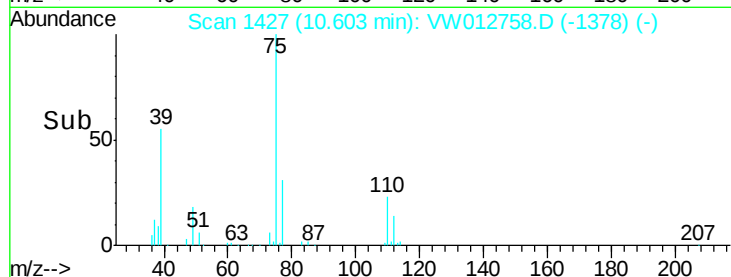
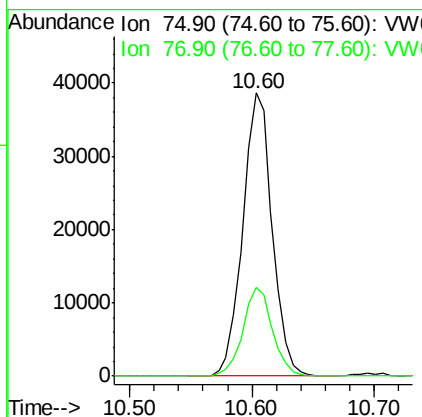
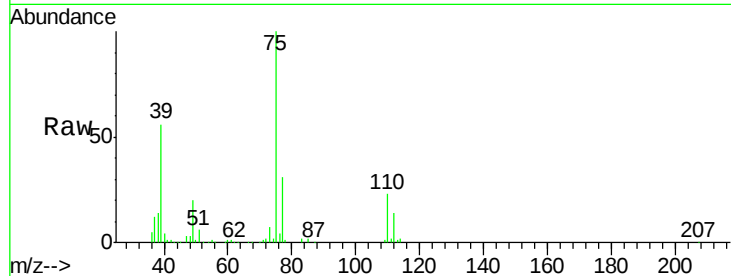
#53
t-1,3-Dichloropropene
Concen: 19.650 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion: 75 Resp: 64267
Ion Ratio Lower Upper
75 100
77 31.4 24.7 37.1

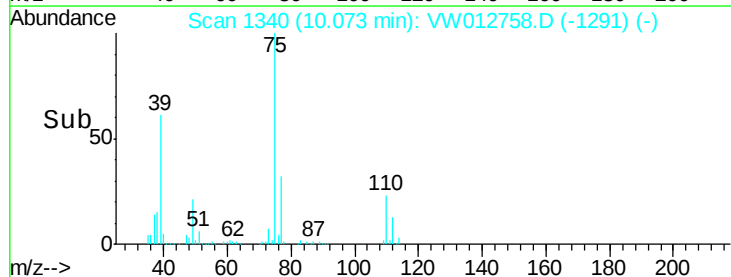
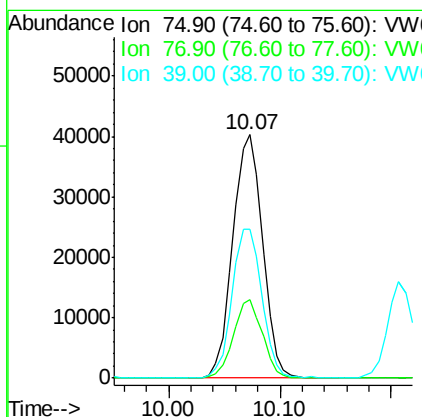
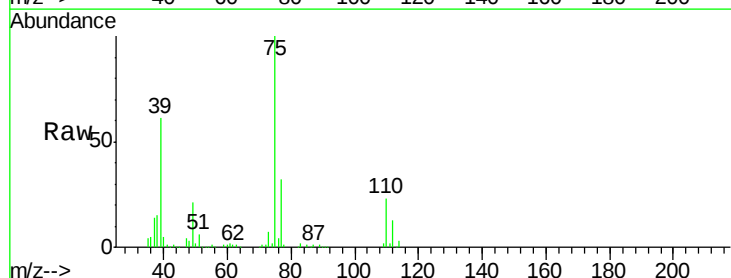
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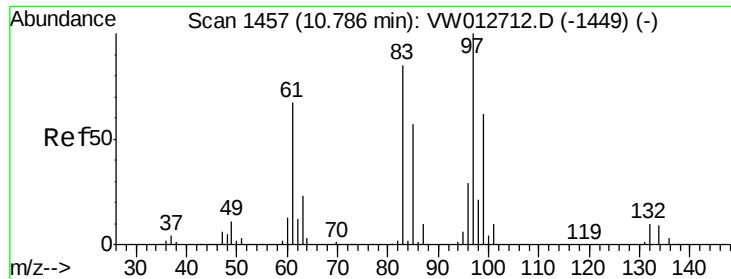
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#54
cis-1,3-Dichloropropene
Concen: 20.172 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 75 Resp: 74841
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8
39 61.0 46.3 69.5





#55

1,1,2-Trichloroethane

Concen: 19.946 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

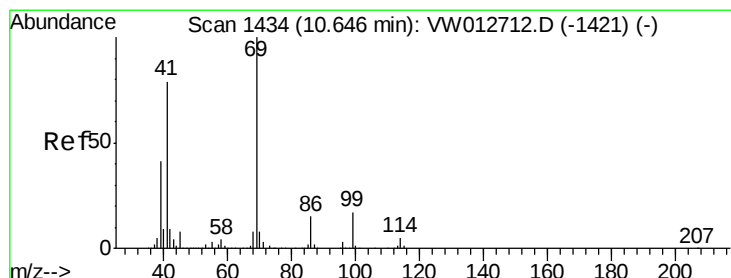
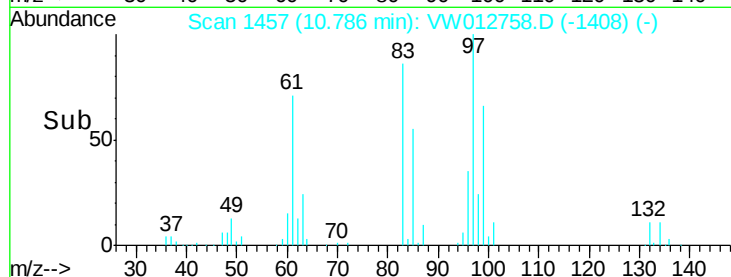
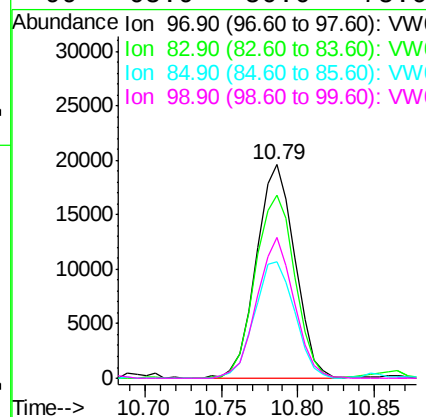
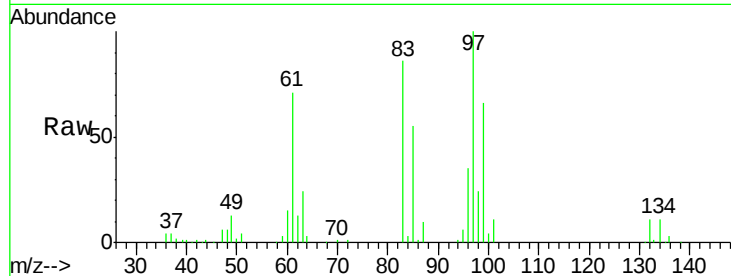
ClientSampleId :

VW0907SBS02

Tot Ion:	97	Resp:	34523
Ion	Ratio	Lower	Upper
97	100		
83	85.5	68.1	102.1
85	54.5	45.3	67.9
99	65.9	50.0	75.0

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#56

Ethyl methacrylate

Concen: 19.291 ug/l

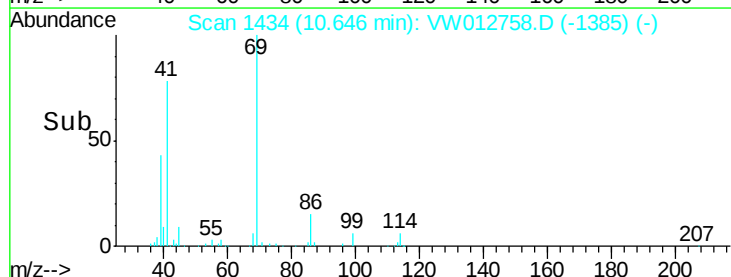
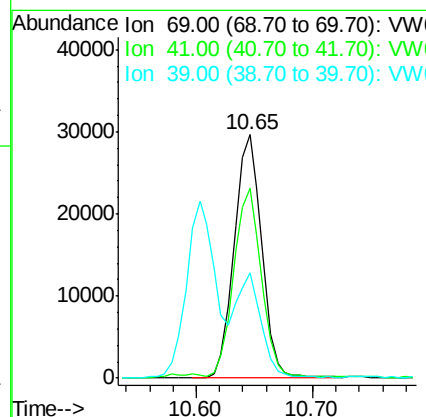
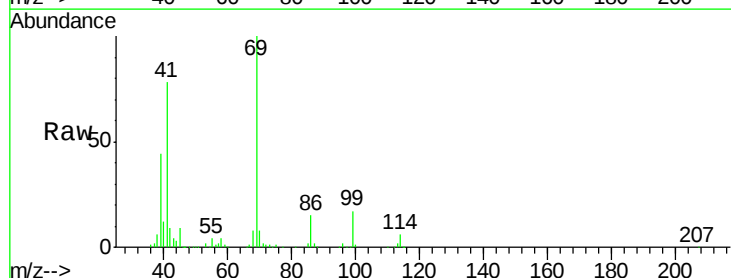
RT: 10.65 min Scan# 1434

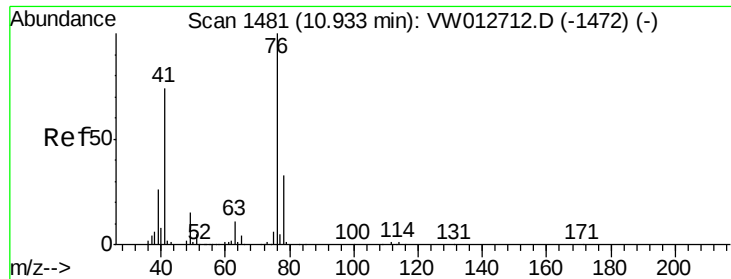
Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	69	Resp:	48874
Ion	Ratio	Lower	Upper
69	100		
41	77.2	64.4	96.6
39	38.4	31.1	46.7





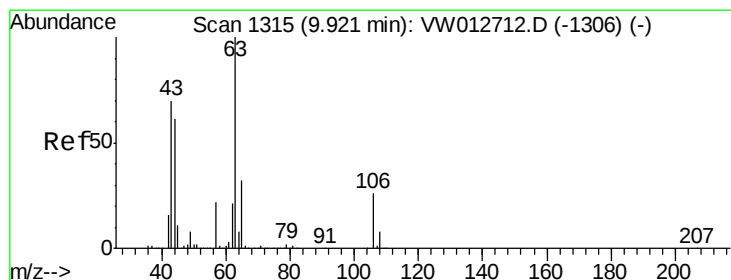
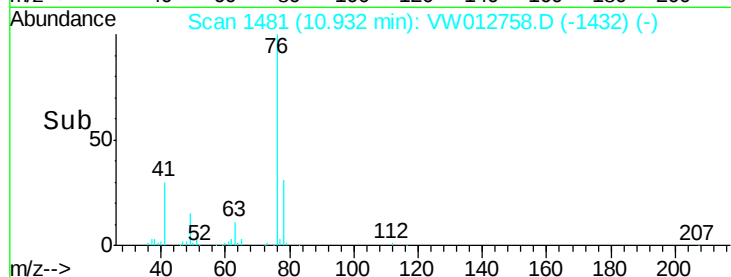
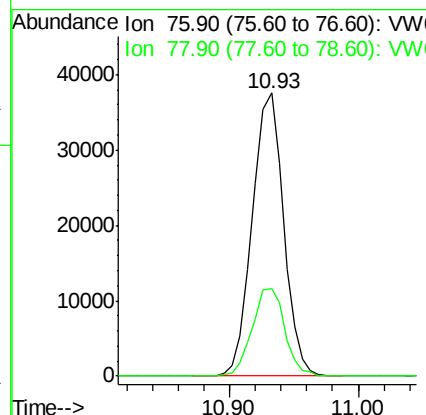
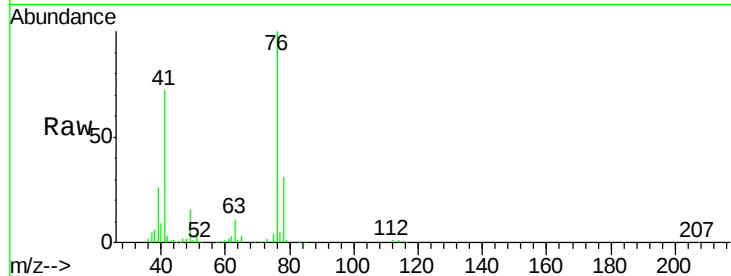
#57
 1,3-Dichloropropane
 Concen: 19.691 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.9	38.9

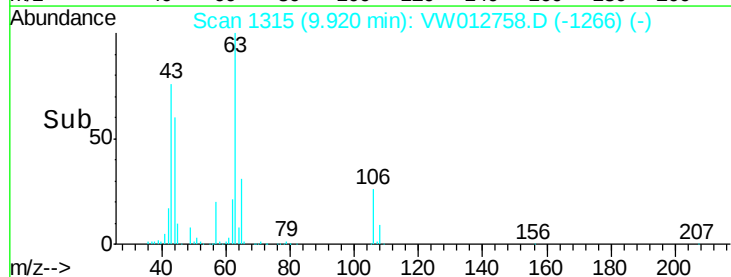
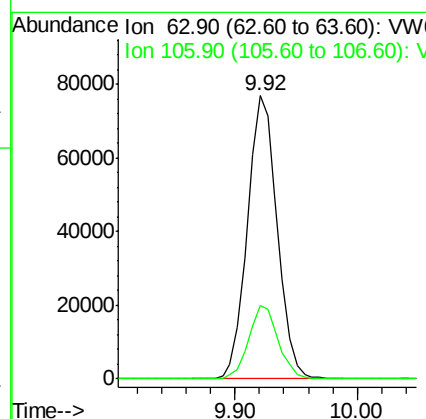
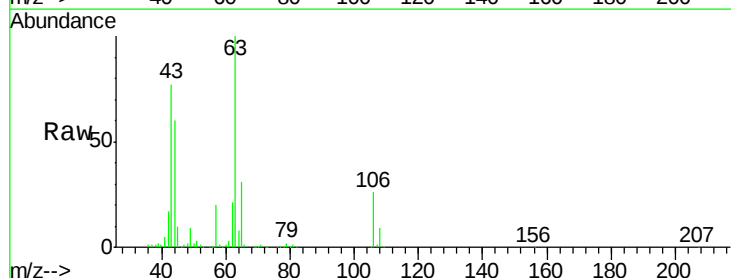
Manual Integrations
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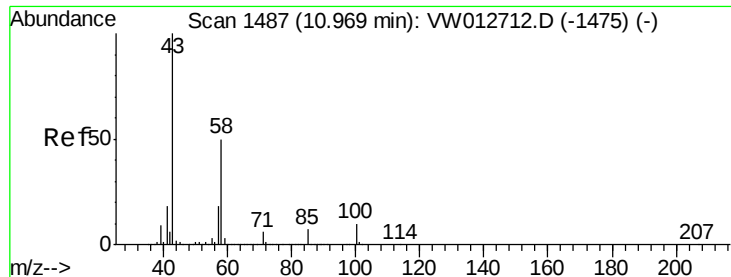
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#58
 2-Chloroethyl Vinyl ether
 Concen: 96.433 ug/l
 RT: 9.92 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.7	20.5	30.7





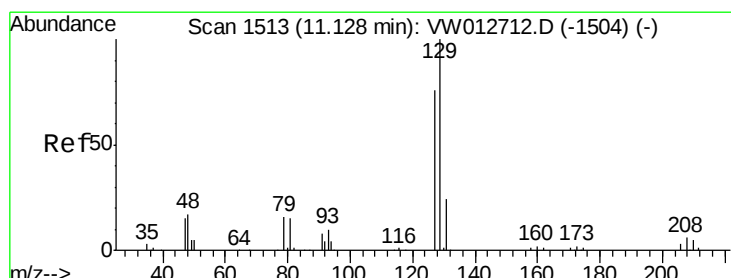
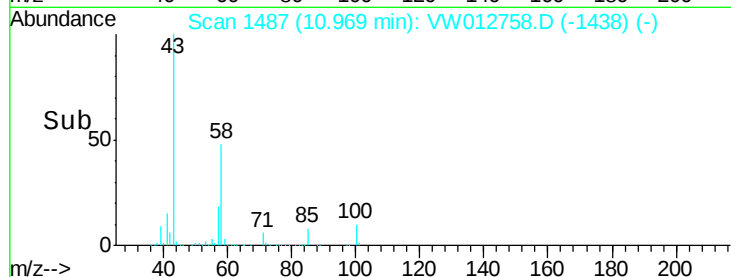
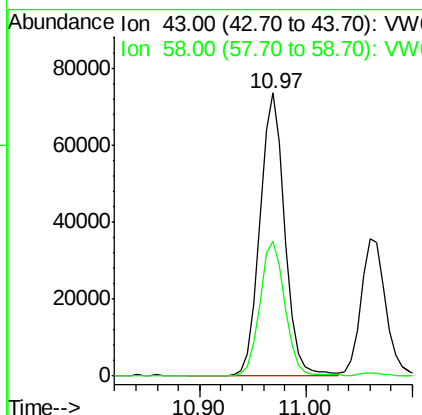
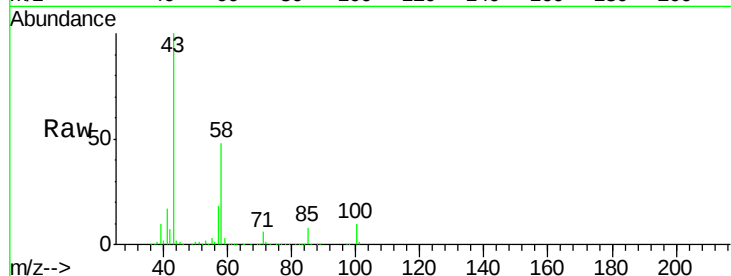
#59
2-Hexanone
Concen: 81.761 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion: 43 Resp: 120099
Ion Ratio Lower Upper
43 100
58 48.4 24.7 74.1

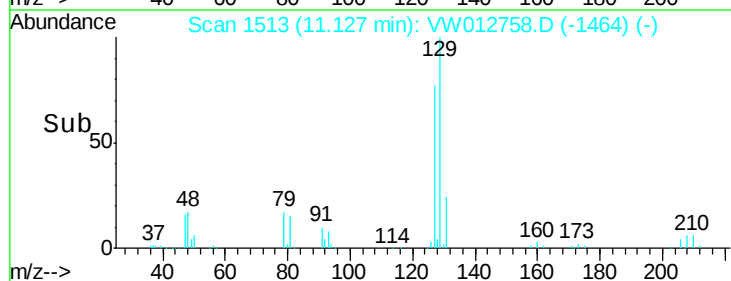
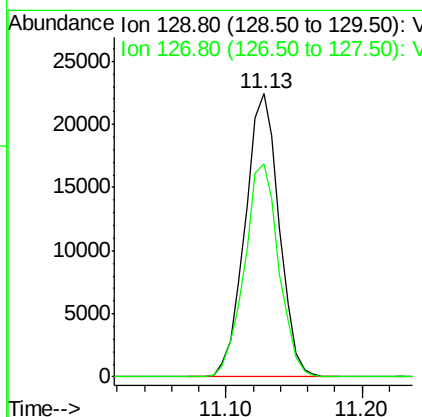
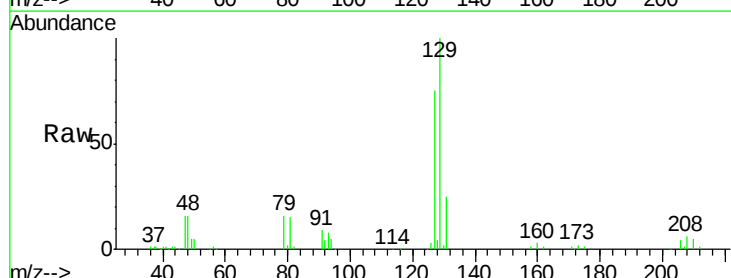
Manual Integrations
APPROVED

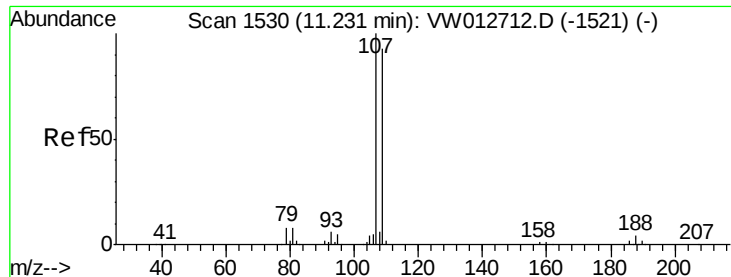
MMDadoda
9/10/2019 1:22:35 PM



#60
Dibromochloromethane
Concen: 19.331 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 129 Resp: 39349
Ion Ratio Lower Upper
129 100
127 75.9 38.6 115.8





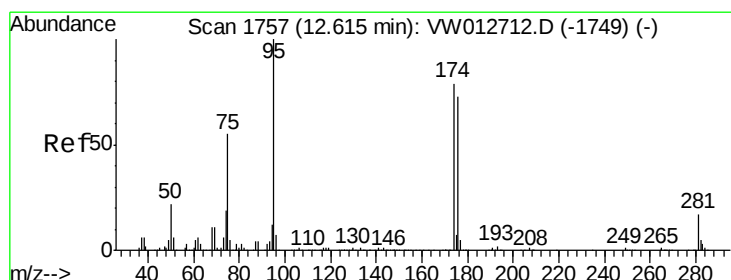
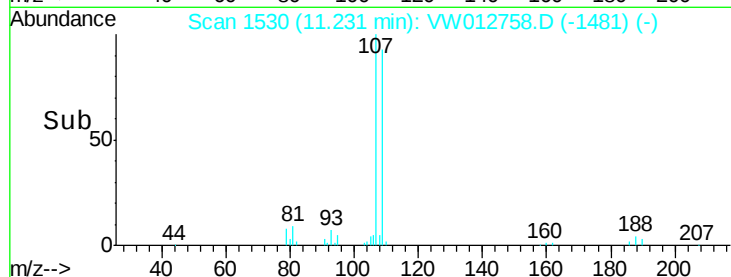
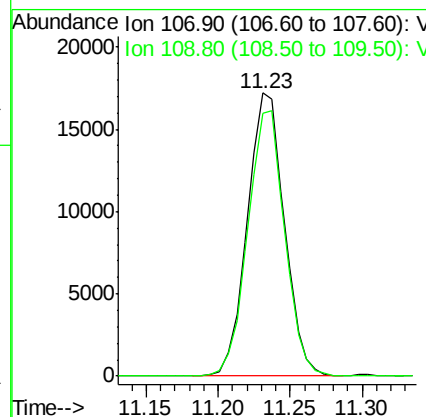
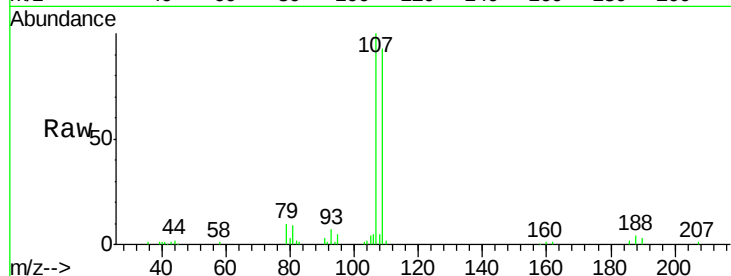
#61
 1,2-Dibromoethane
 Concen: 19.193 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.0	112.6

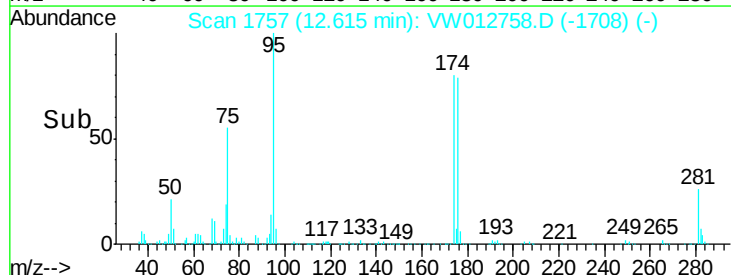
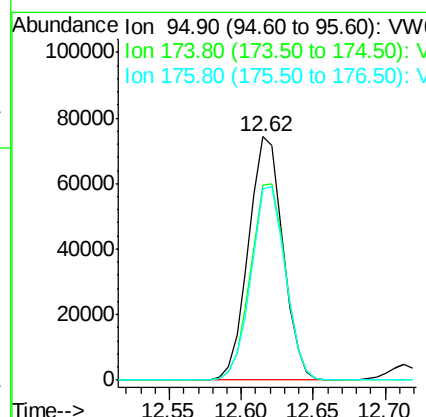
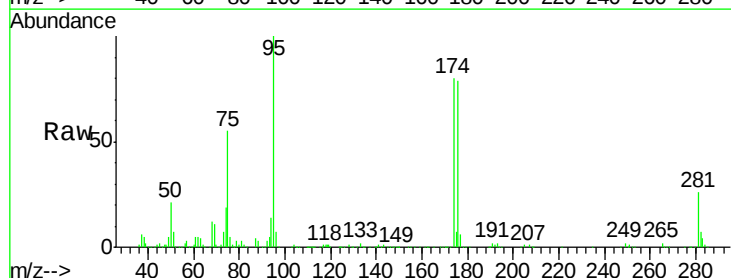
Manual Integrations
 APPROVED

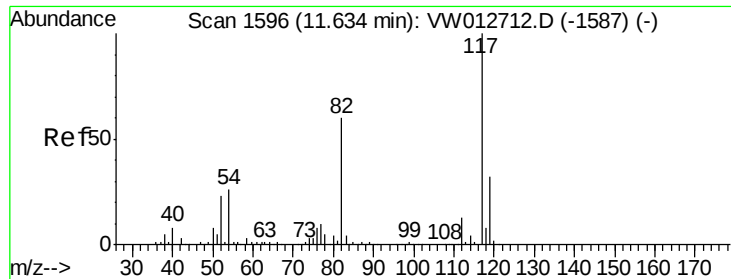
MMDadoda
 9/10/2019 1:22:35 PM



#62
 4-Bromofluorobenzene
 Concen: 40.660 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.0	0.0	161.0
176	79.3	0.0	156.4





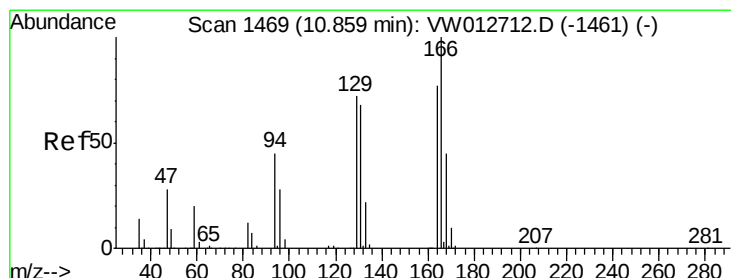
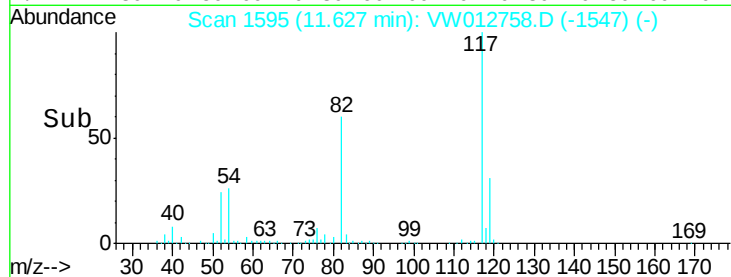
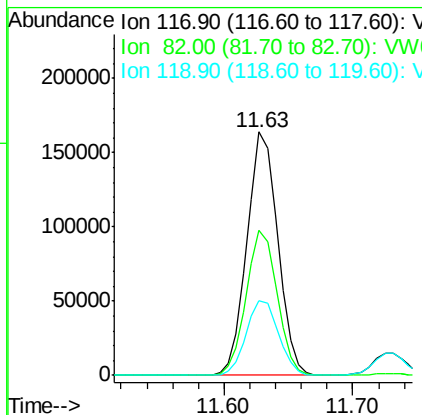
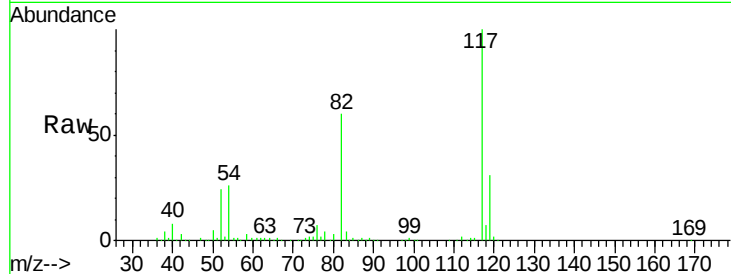
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.7	48.2	72.4
119	30.6	25.8	38.6

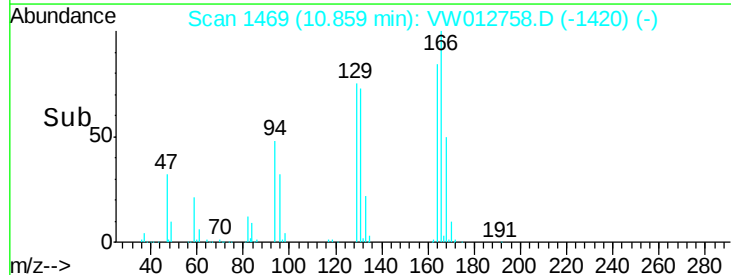
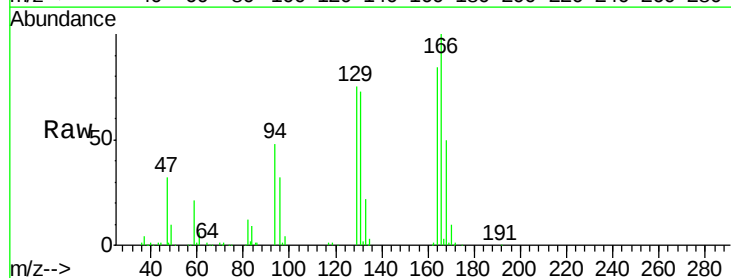
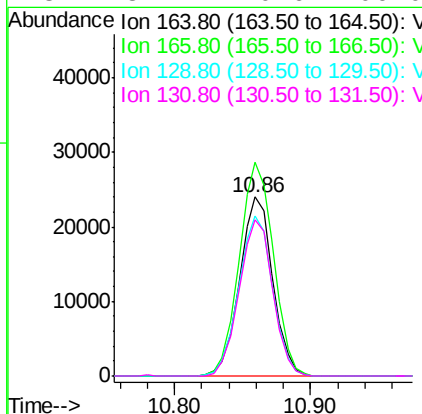
Manual Integrations
APPROVED

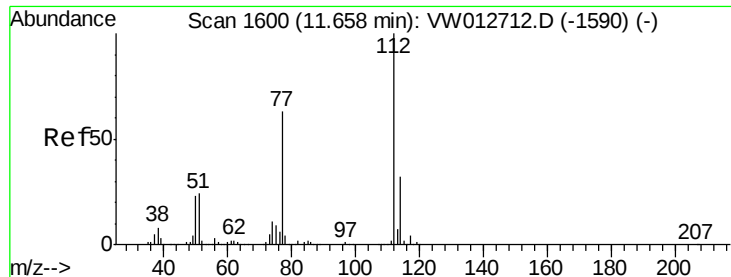
MMDadoda
9/10/2019 1:22:35 PM



#64
Tetrachloroethene
Concen: 24.728 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.5	103.6	155.4
129	89.7	74.6	112.0
131	87.7	70.6	106.0





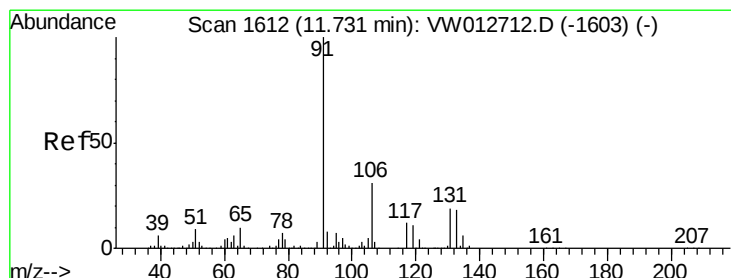
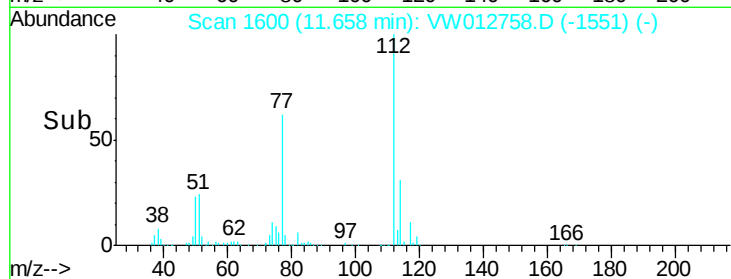
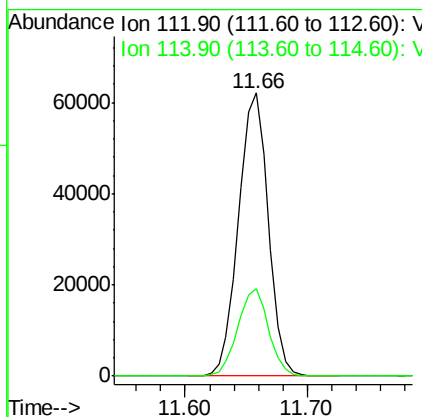
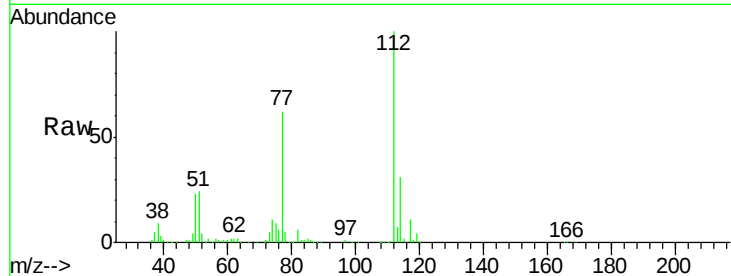
#65
Chlorobenzene
Concen: 20.399 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion:112 Resp: 104632
Ion Ratio Lower Upper
112 100
114 30.8 25.3 37.9

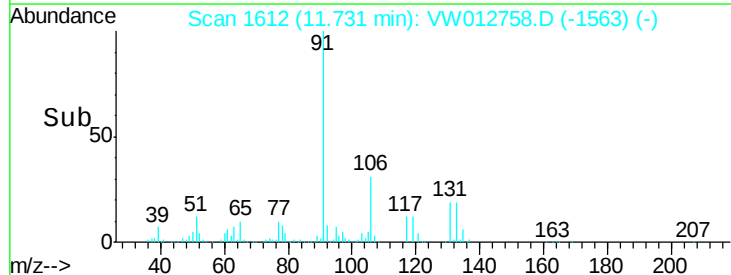
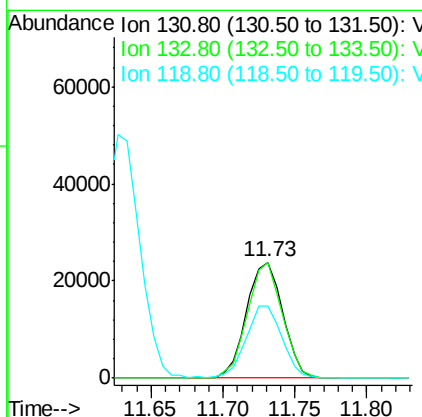
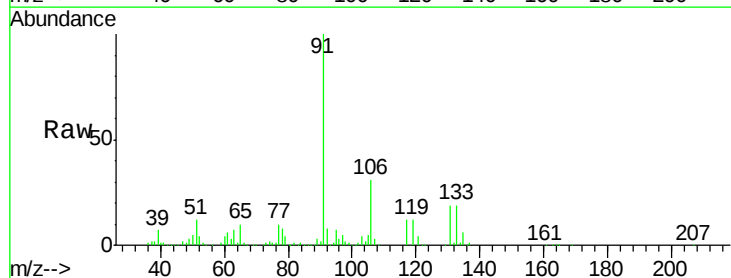
Manual Integrations
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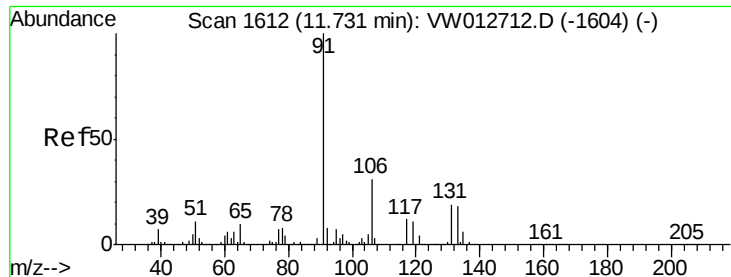
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.705 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:131 Resp: 41459
Ion Ratio Lower Upper
131 100
133 96.4 47.6 142.8
119 62.1 30.6 92.0





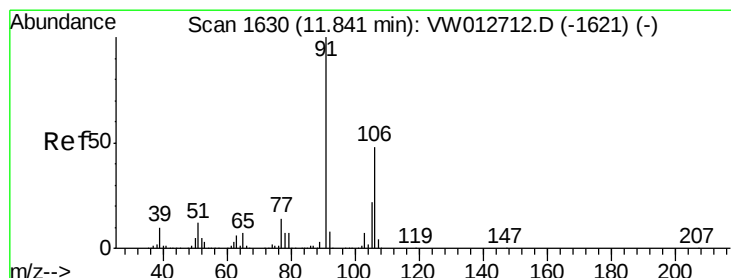
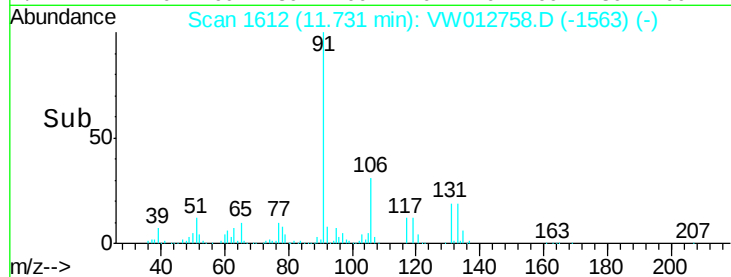
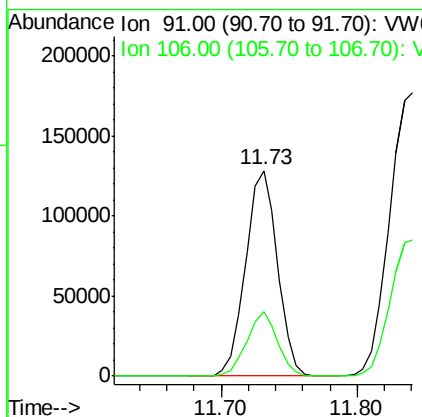
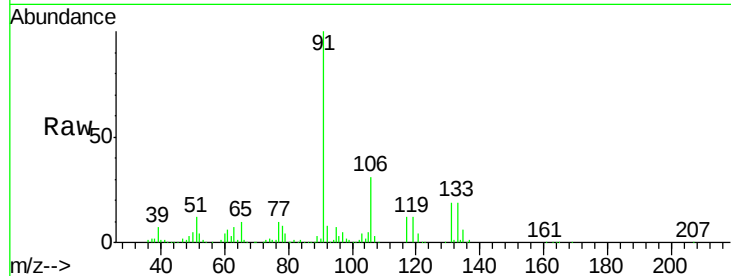
#67
Ethyl Benzene
Concen: 21.862 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion: 91 Resp: 210390
Ion Ratio Lower Upper
91 100
106 31.4 24.4 36.6

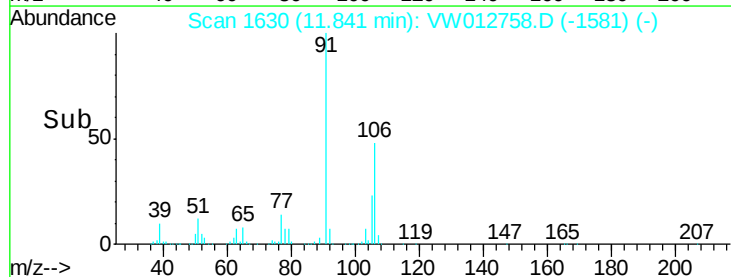
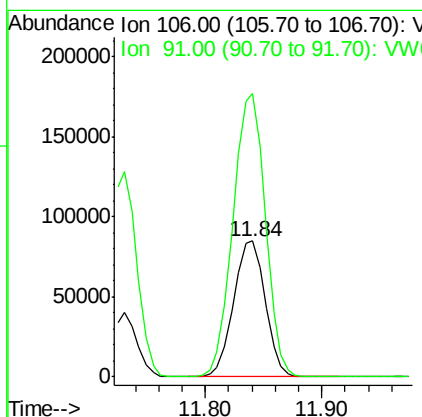
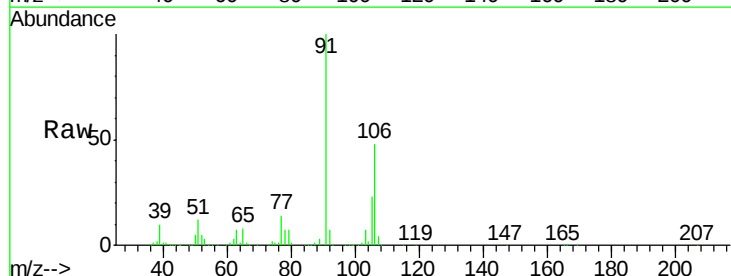
Manual Integrations
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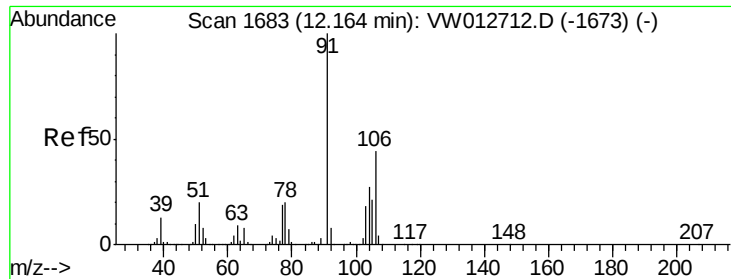
MMDadoda
9/10/2019 1:22:35 PM



#68
m/p-Xylenes
Concen: 46.352 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion: 106 Resp: 161012
Ion Ratio Lower Upper
106 100
91 213.0 168.2 252.4





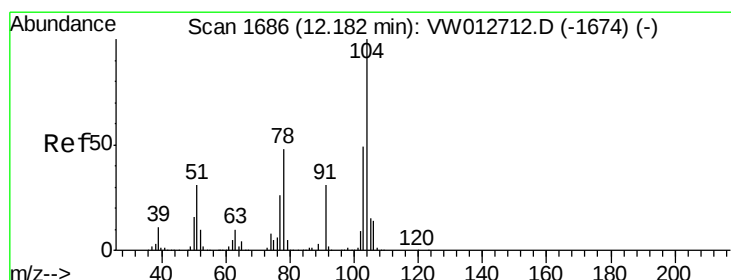
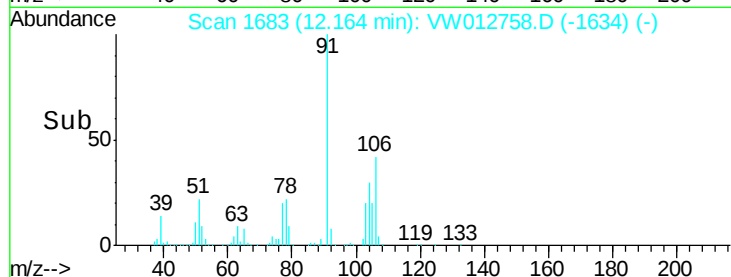
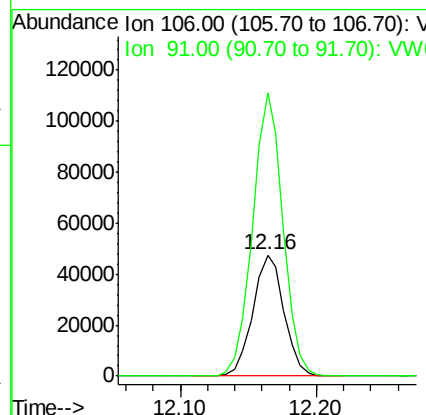
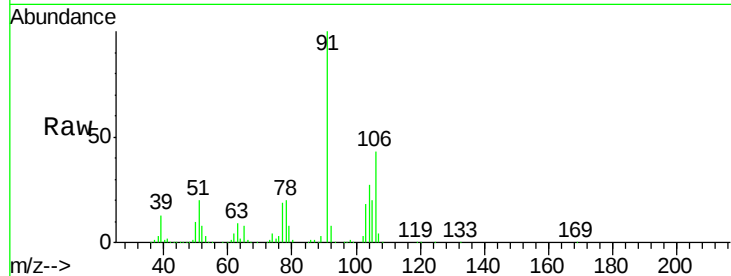
#69
o-Xylene
Concen: 23.193 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion:106 Resp: 76008
Ion Ratio Lower Upper
106 100
91 227.7 112.3 336.8

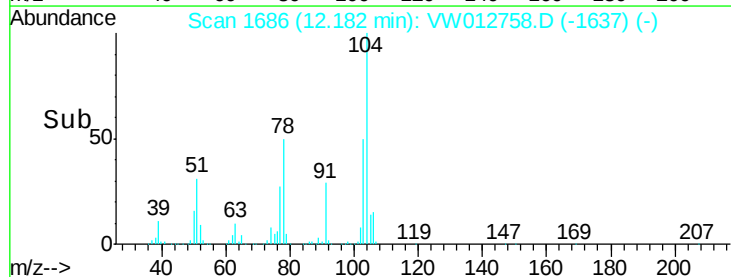
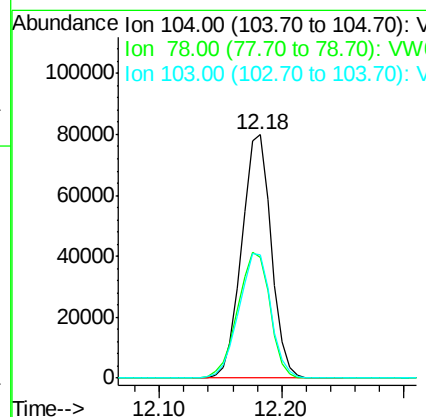
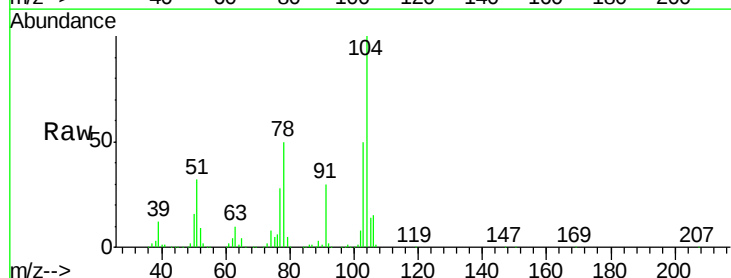
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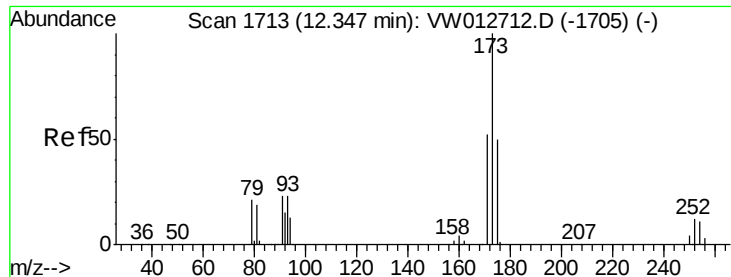
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#70
Styrene
Concen: 23.041 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion:104 Resp: 133429
Ion Ratio Lower Upper
104 100
78 56.5 43.3 64.9
103 55.7 44.0 66.0





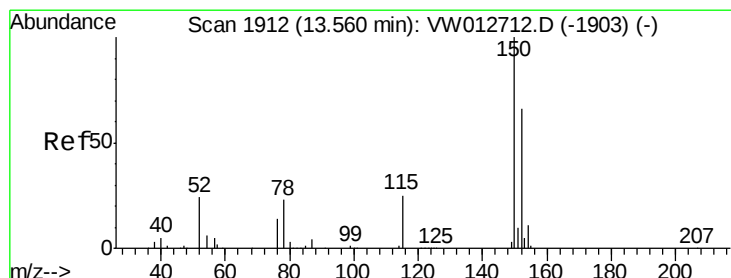
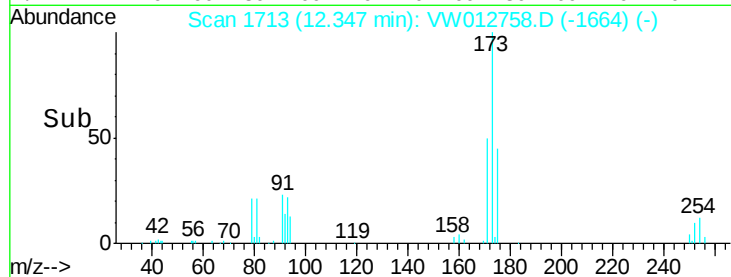
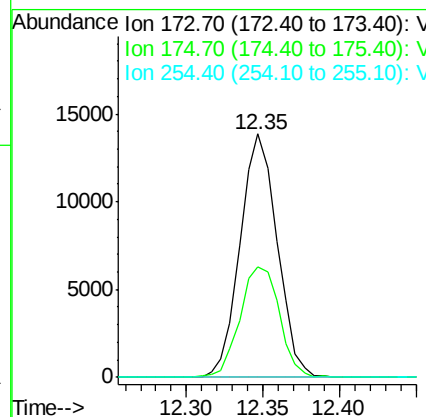
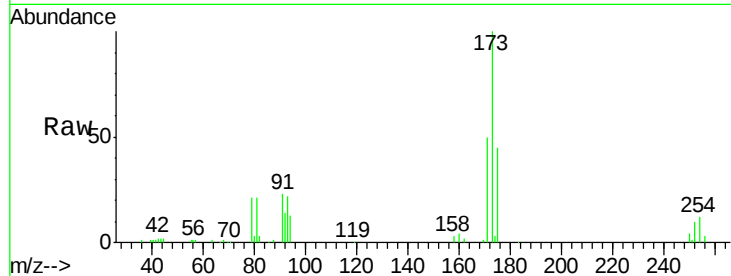
#71
Bromoform
Concen: 21.968 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.8	74.3
254	0.0	0.1	0.1

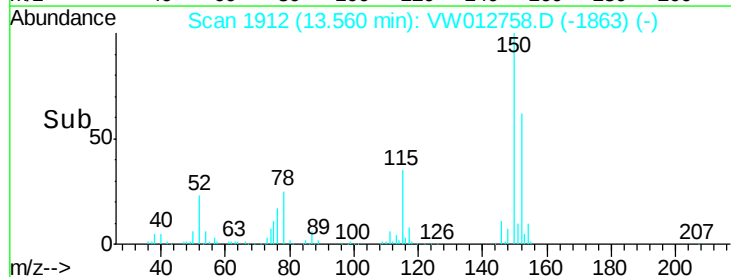
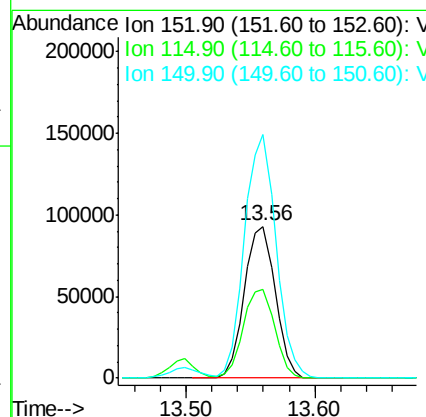
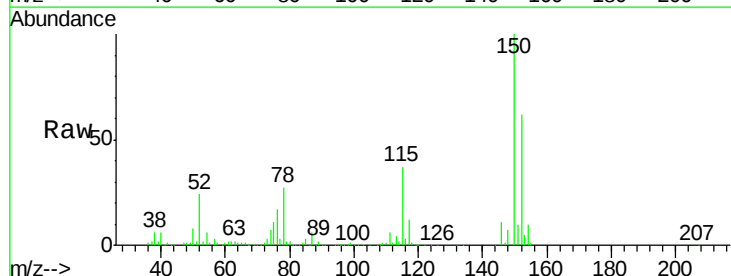
Manual Integrations
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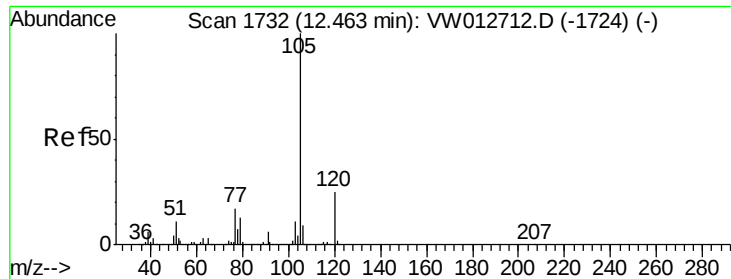
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.0	90.1
150	163.7	0.0	349.0





#73

Isopropylbenzene

Concen: 20.346 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion: 105 Resp: 225121

Ion Ratio Lower Upper

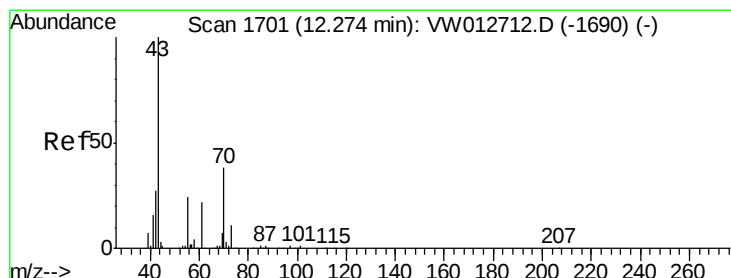
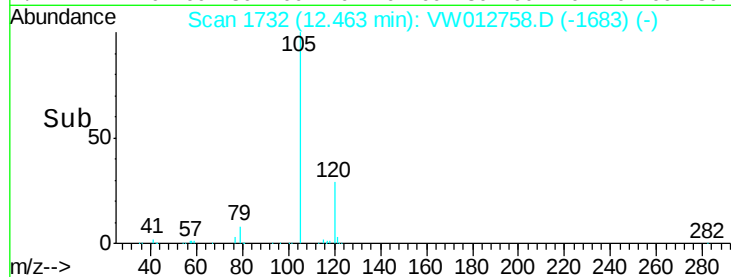
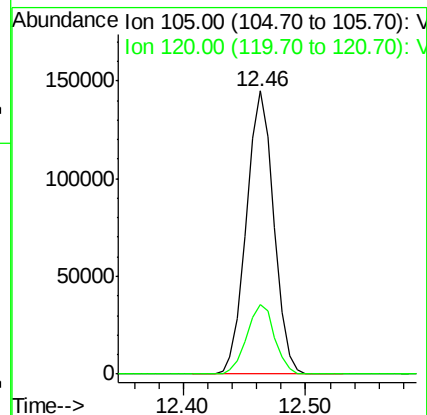
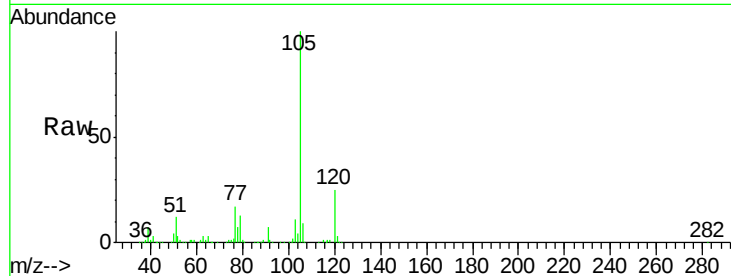
105 100

120 25.1 13.0 38.9

Manual Integrations
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#74

N-ethyl acetate

Concen: 18.645 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion: 43 Resp: 65483

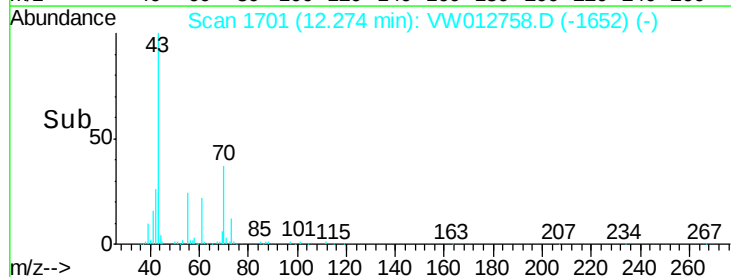
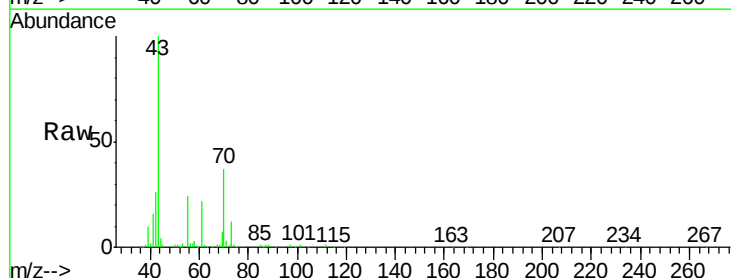
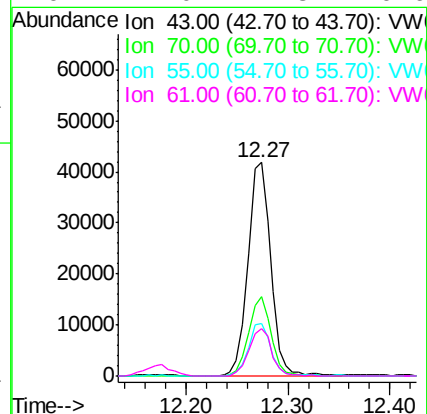
Ion Ratio Lower Upper

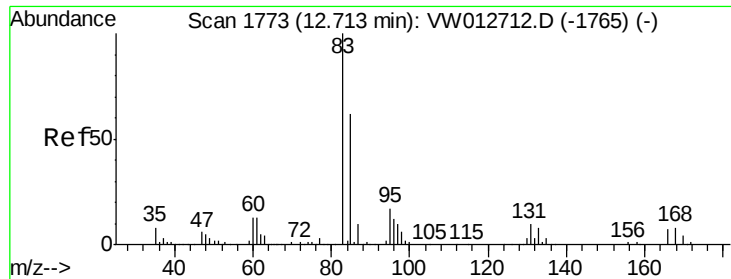
43 100

70 36.5 29.4 44.0

55 24.7 18.6 27.8

61 22.0 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.952 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

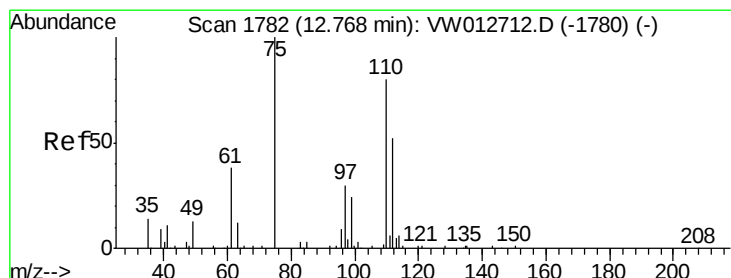
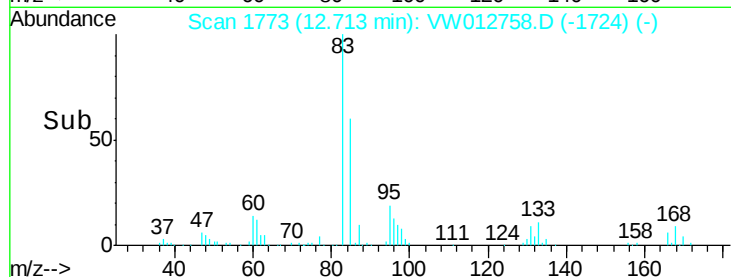
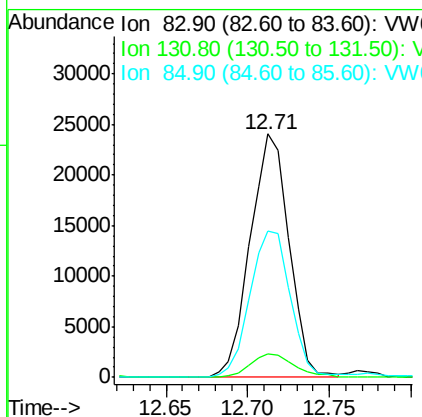
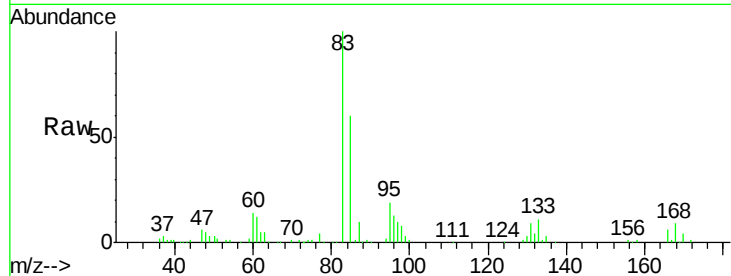
ClientSampleId :

VW0907SBSD02

Tot Ion:	83	Resp:	39892
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.1	15.4
85	63.0	31.4	94.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.492 ug/l m

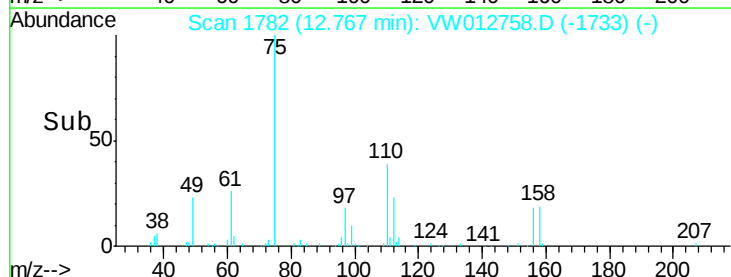
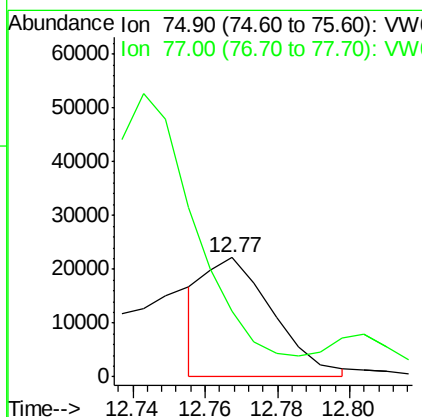
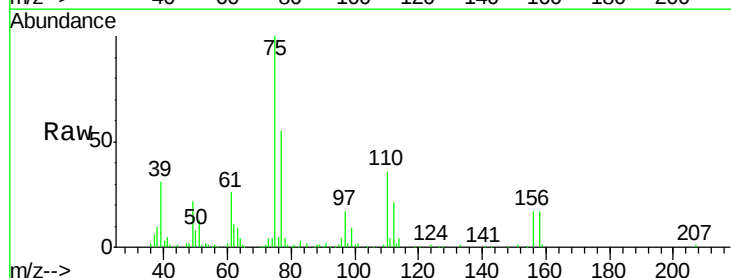
RT: 12.77 min Scan# 1782

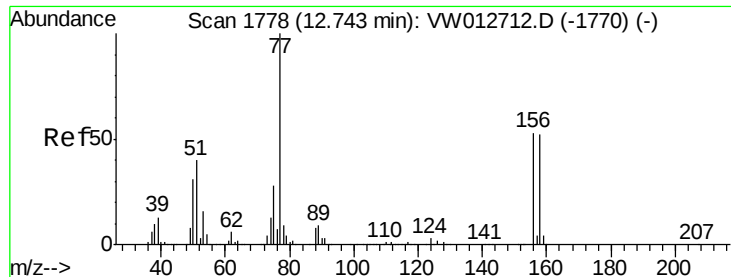
Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	75	Resp:	29170
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.682 ug/l

RT: 12.74 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

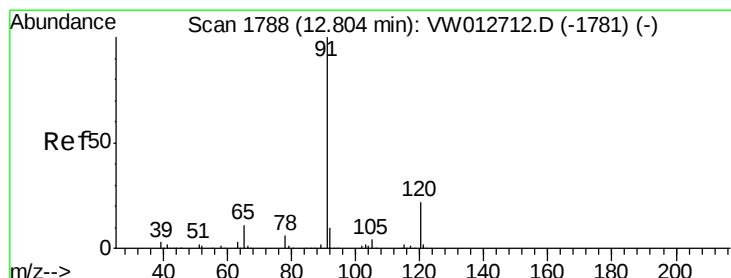
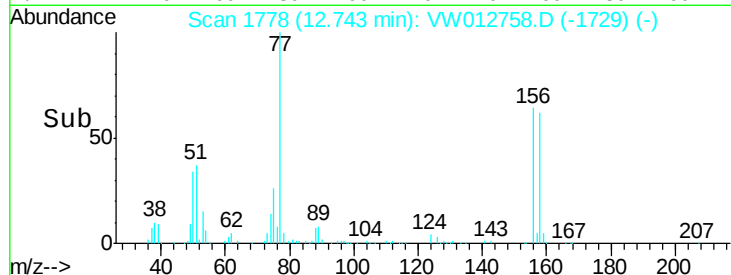
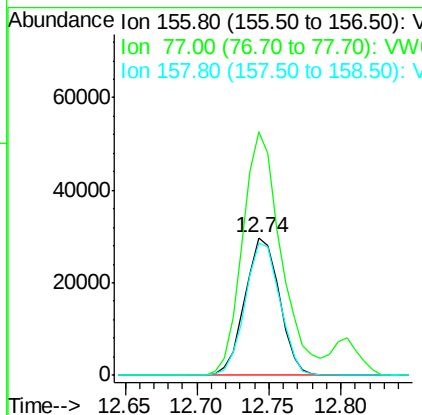
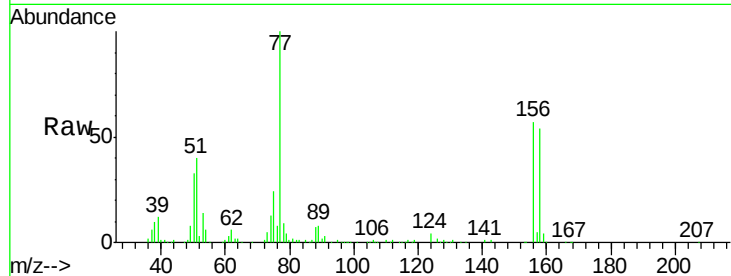
ClientSampleId :

VW0907SBS02

Tot Ion:	156	Resp:	49340
Ion	Ratio	Lower	Upper
156	100		
77	197.9	102.3	306.9
158	96.7	48.9	146.8

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#78

n-propylbenzene

Concen: 20.573 ug/l

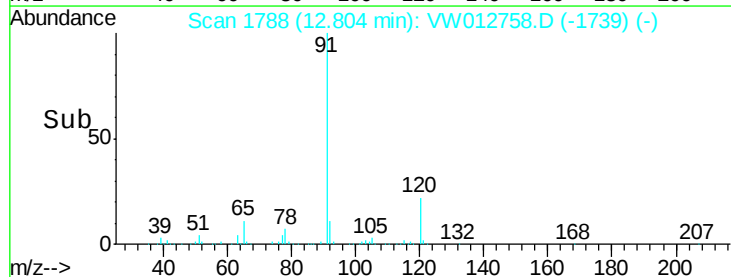
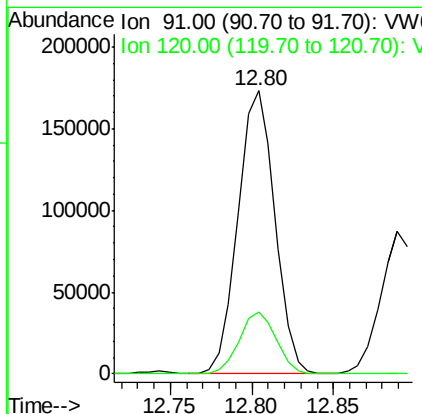
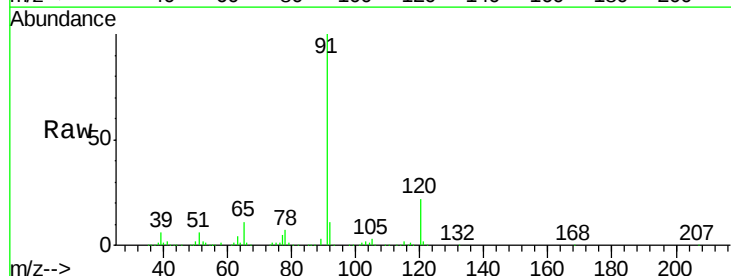
RT: 12.80 min Scan# 1788

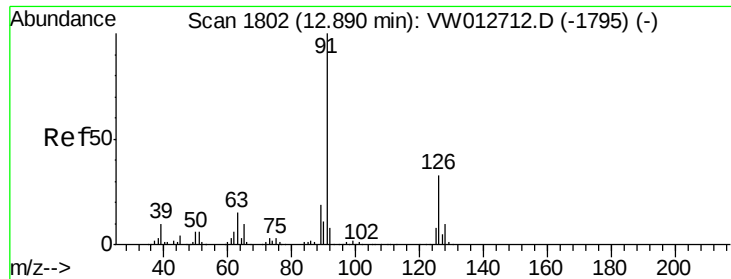
Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Tgt Ion:	91	Resp:	272246
Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0





#79

2-Chlorotoluene

Concen: 18.466 ug/l

RT: 12.89 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBSD02

Tot Ion: 91 Resp: 140285

Ion Ratio Lower Upper

91 100

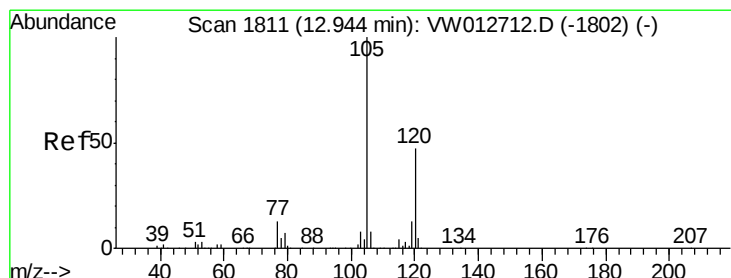
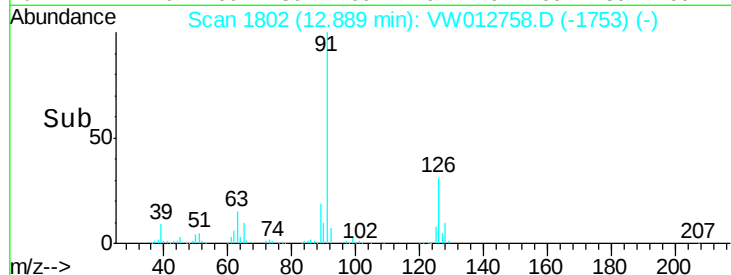
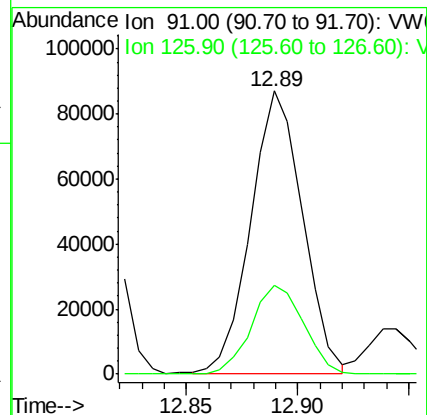
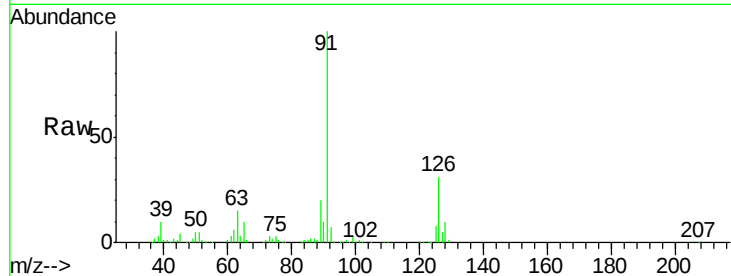
126 32.0 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.055 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW012758.D

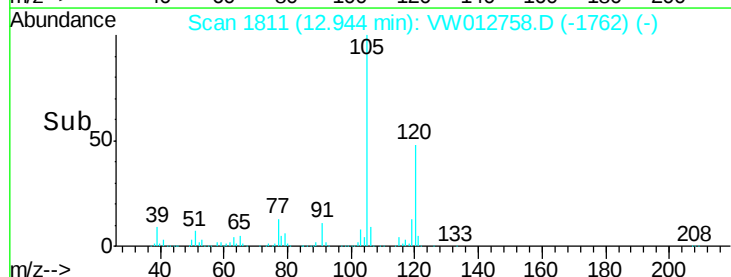
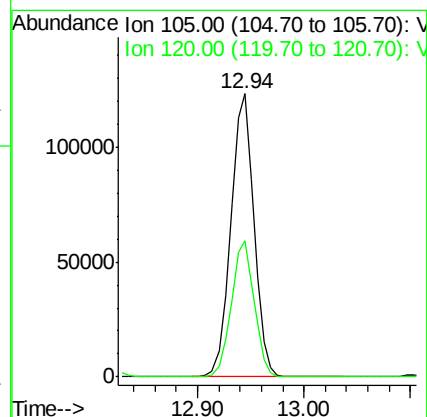
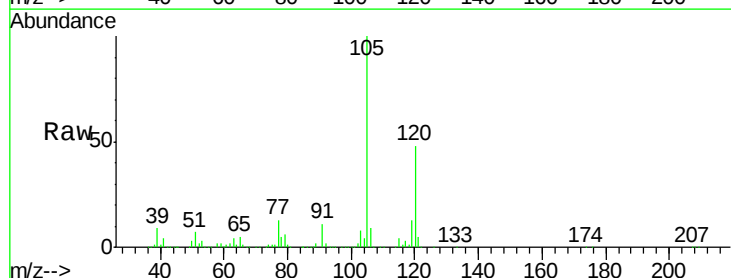
Acq: 08 Sep 2019 09:41

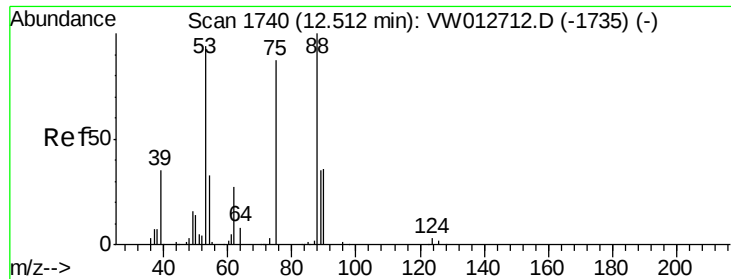
Tgt Ion: 105 Resp: 186980

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.8





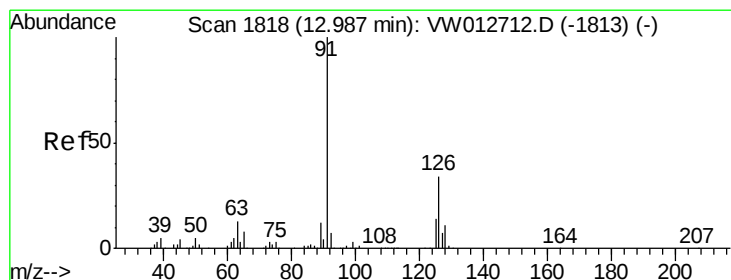
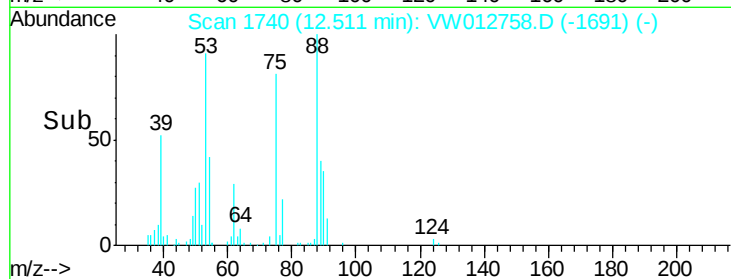
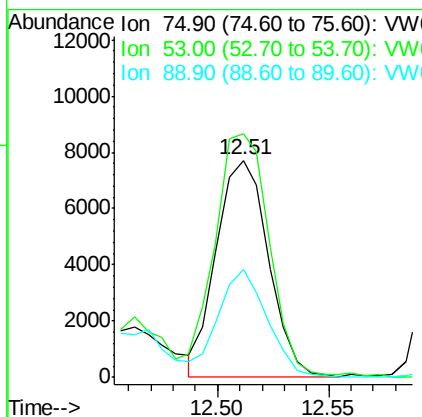
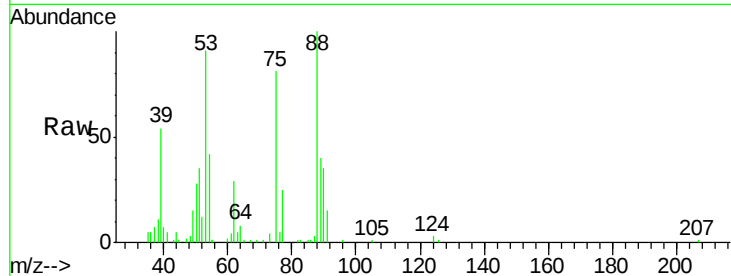
#81
trans-1,4-Dichloro-2-butene
Concen: 16.852 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	116.3	87.6	131.4
89	46.9	35.5	53.3

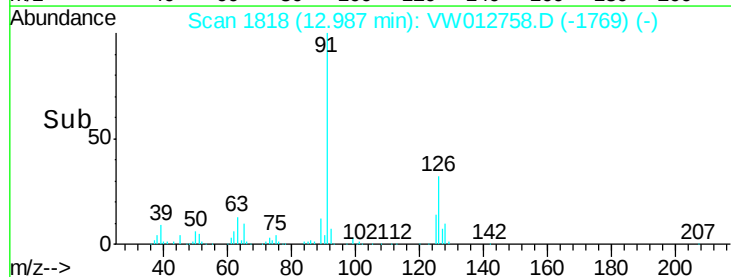
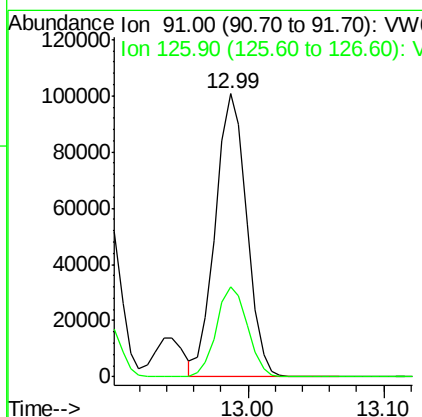
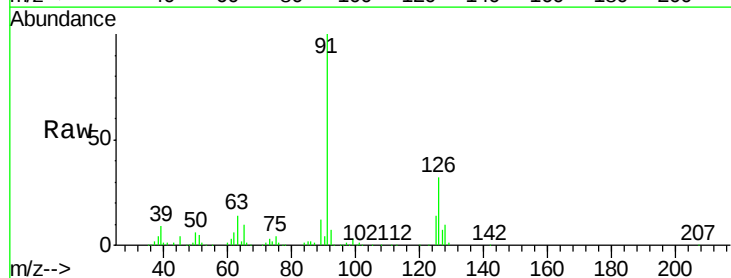
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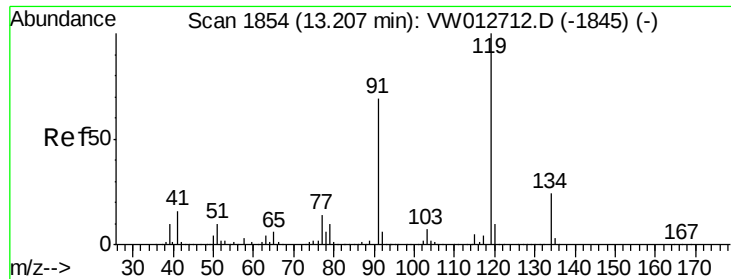
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9/10/2019 1:22:35 PM



#82
4-Chlorotoluene
Concen: 19.989 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.6





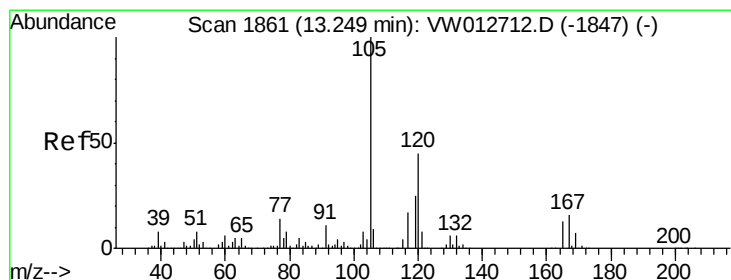
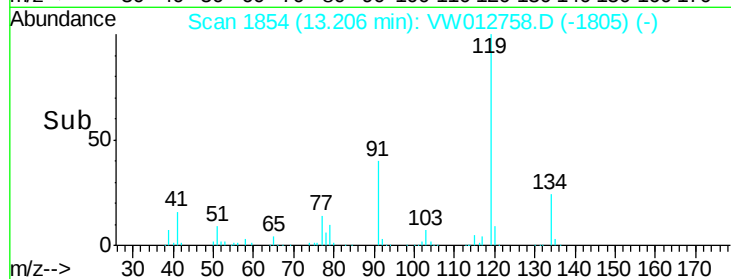
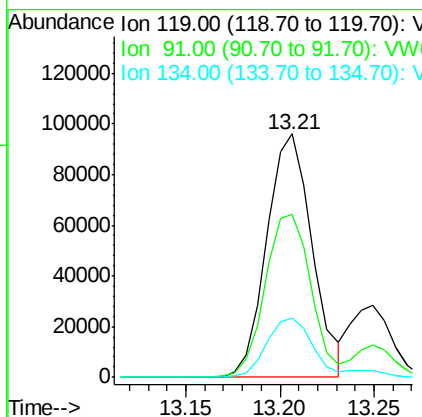
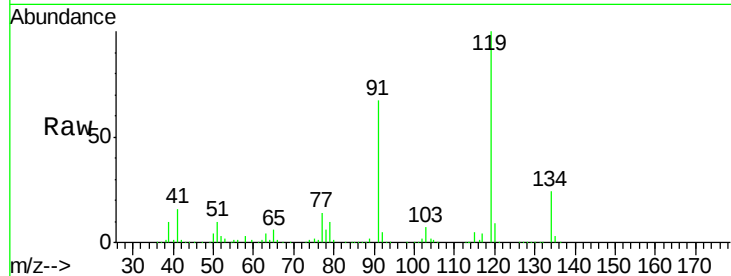
#83
tert-Butylbenzene
Concen: 19.500 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBSD02

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.4	34.2	102.5
134	26.7	12.3	36.9

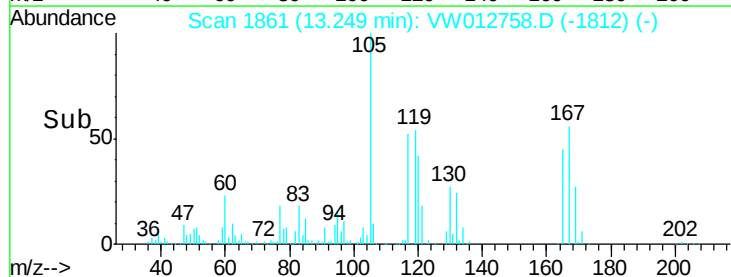
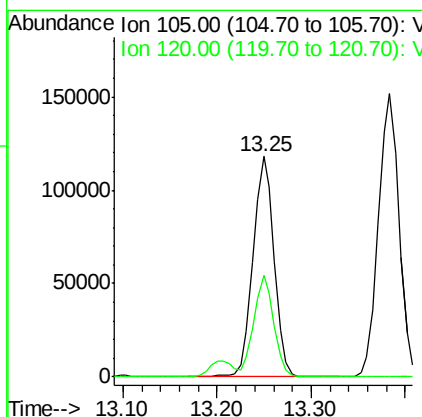
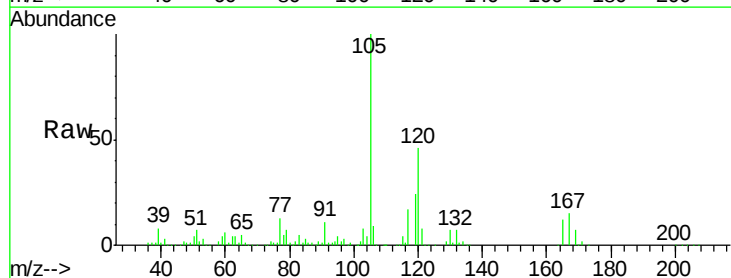
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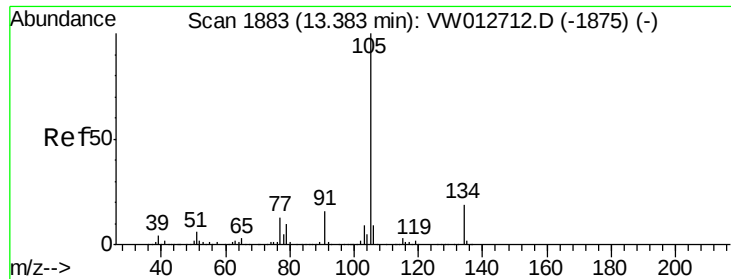
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#84
1,2,4-Trimethylbenzene
Concen: 19.866 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.2	22.1	66.3





#85

sec-Butylbenzene

Concen: 20.159 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

Instrument :

MSVOA_W

ClientSampleId :

VW0907SBS02

Tot Ion:105 Resp: 230617

Ion Ratio Lower Upper

105 100

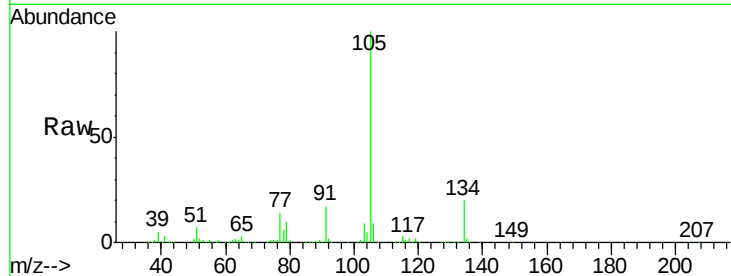
134 20.2 9.8 29.3

Manual Integrations

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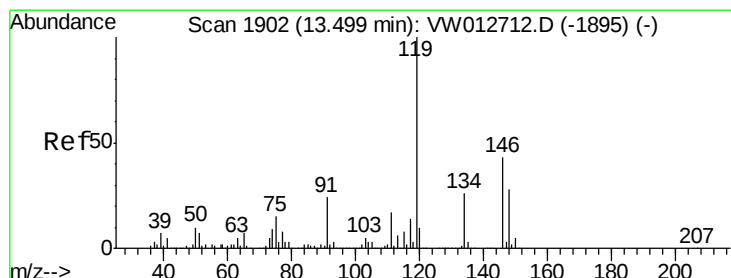
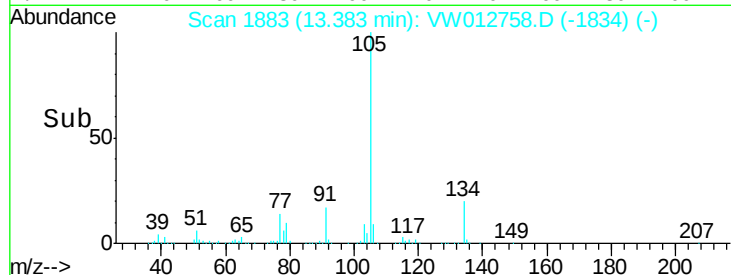
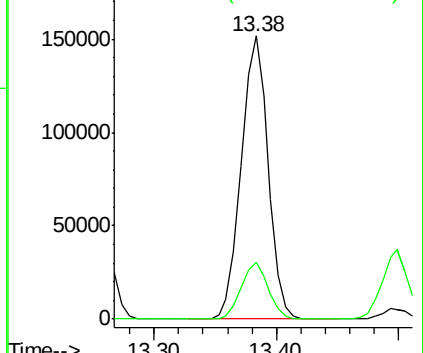
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.539 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW012758.D

Acq: 08 Sep 2019 09:41

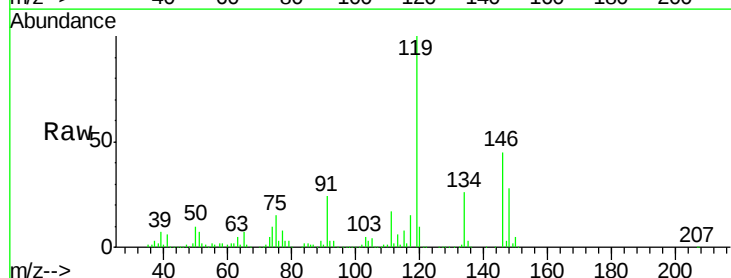
Tgt Ion:119 Resp: 214611

Ion Ratio Lower Upper

119 100

134 25.3 12.7 38.1

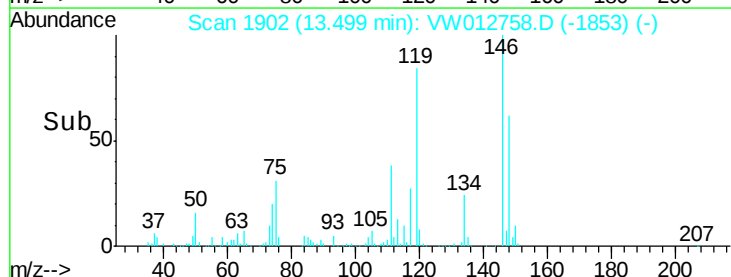
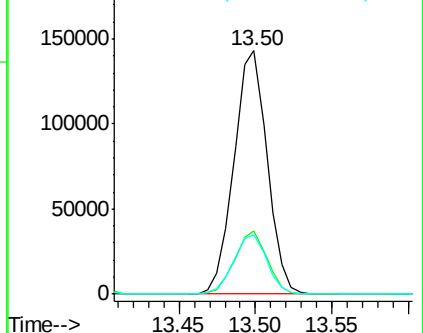
91 24.5 12.2 36.6

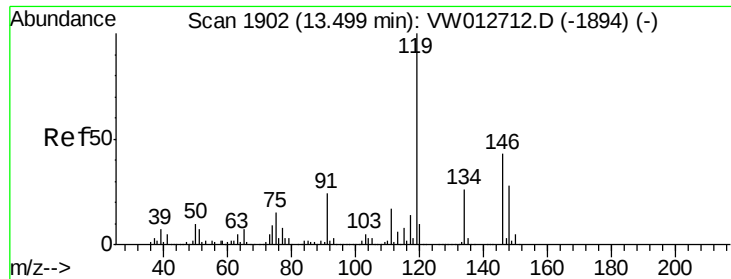


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





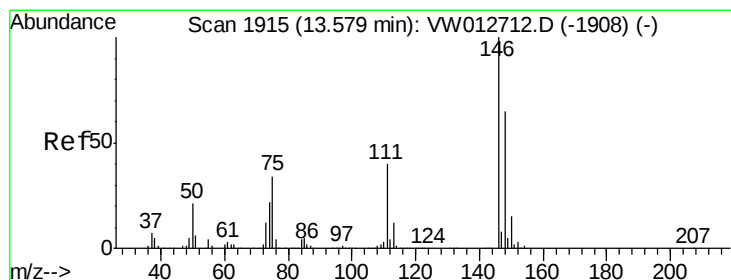
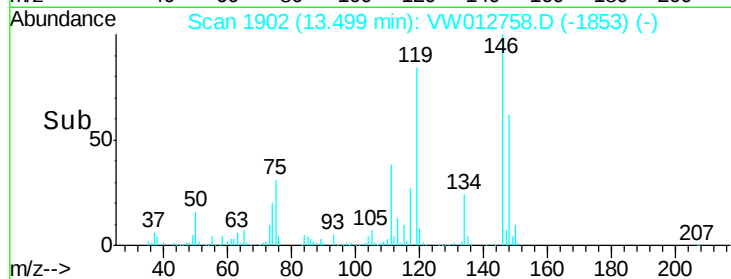
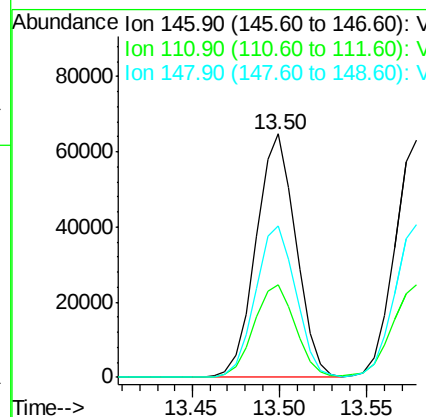
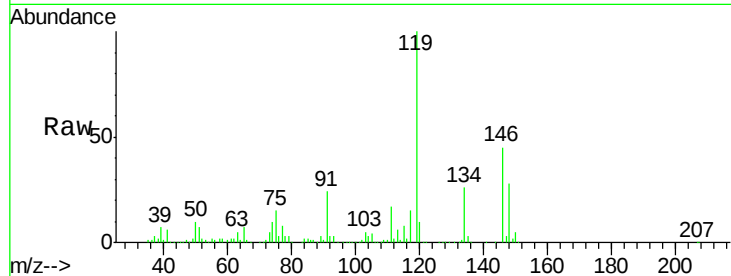
#87
 1,3-Dichlorobenzene
 Concen: 20.781 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
146	100	102392		
111	39.5		20.4	61.2
148	63.1		31.8	95.4

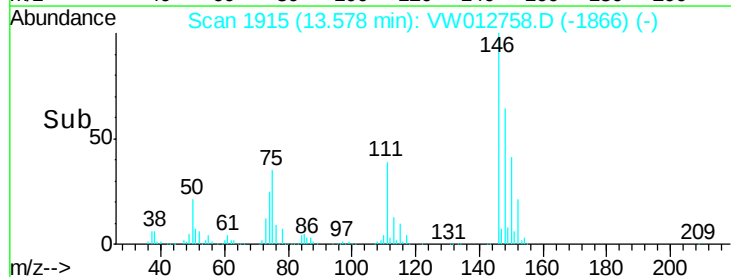
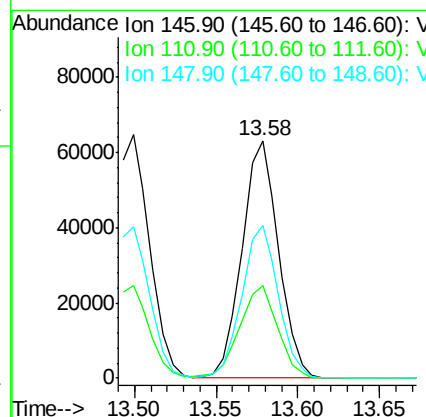
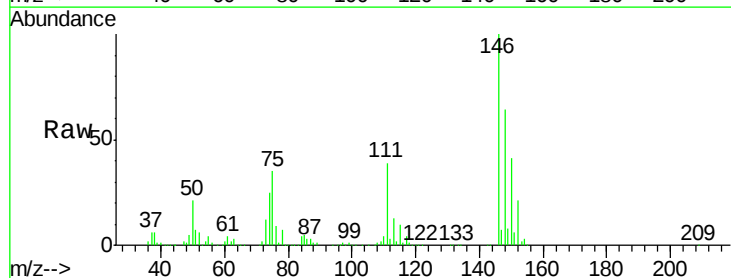
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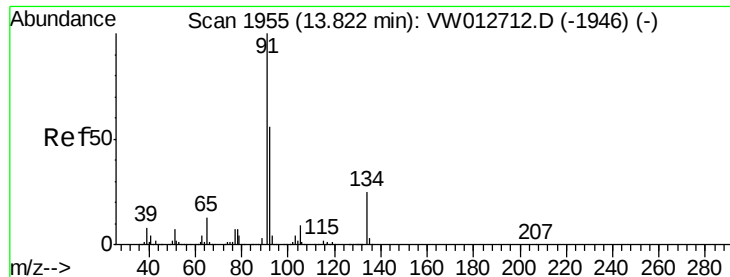
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#88
 1,4-Dichlorobenzene
 Concen: 20.119 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	98644		
111	40.7		20.0	60.0
148	64.4		32.2	96.6





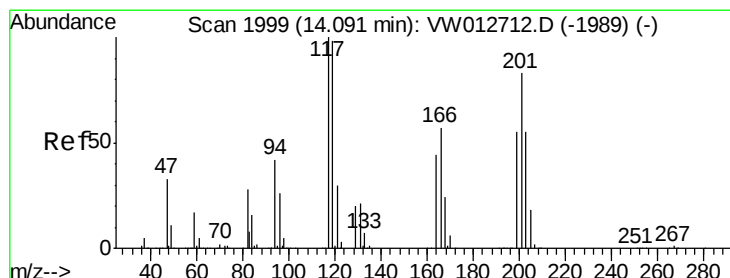
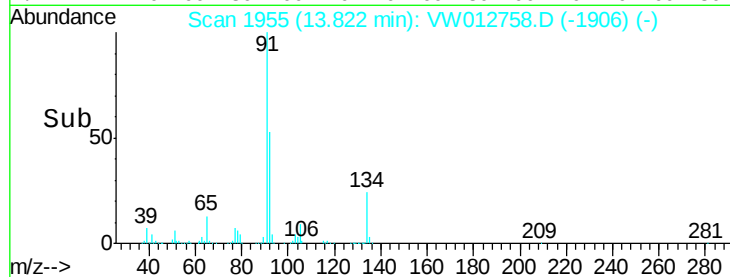
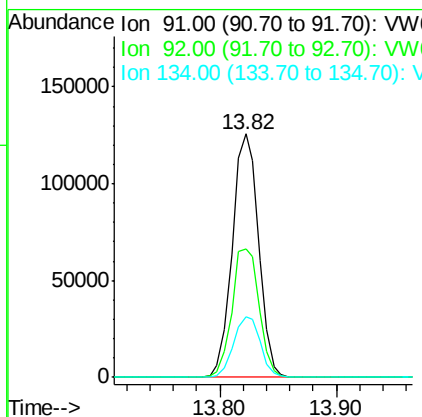
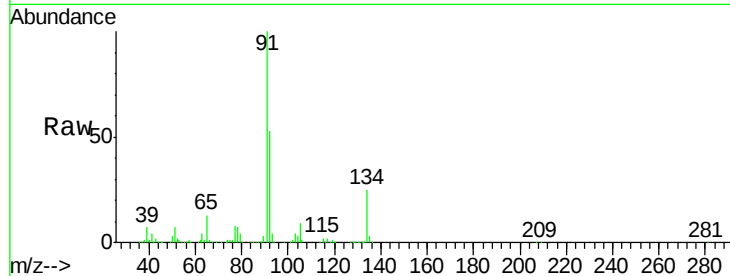
#89
n-Butylbenzene
Concen: 19.475 ug/l
RT: 13.82 min Scan# 1955
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.7	27.2	81.5
134	25.4	12.7	38.1

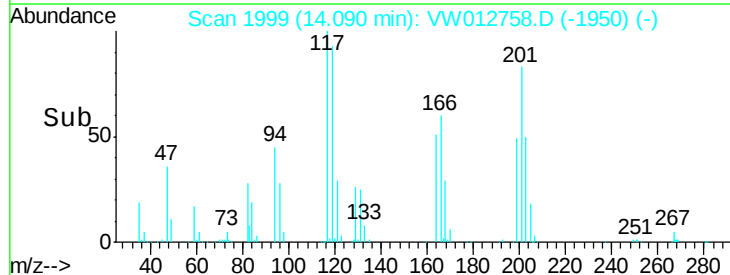
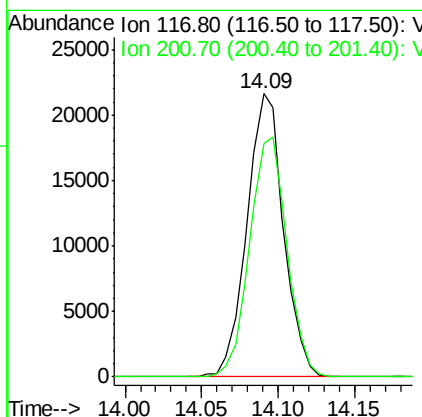
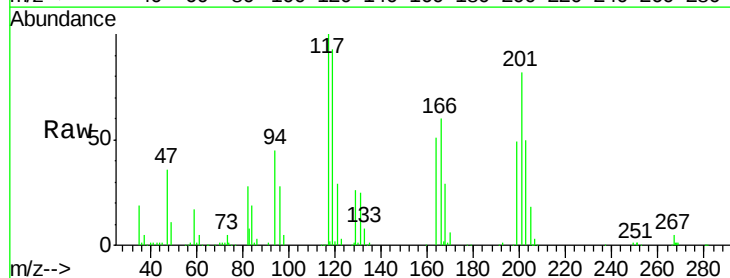
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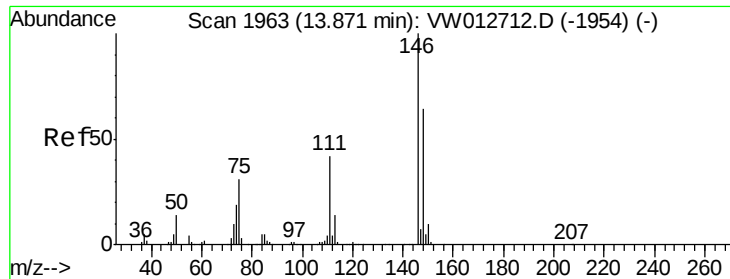
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#90
Hexachloroethane
Concen: 19.687 ug/l
RT: 14.09 min Scan# 1999
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.3	42.8	128.4





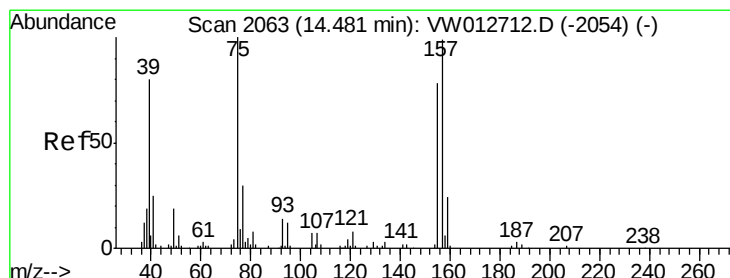
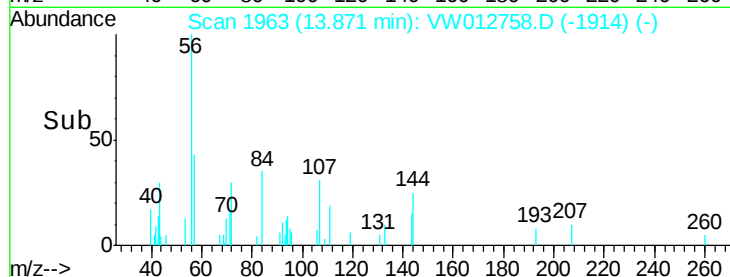
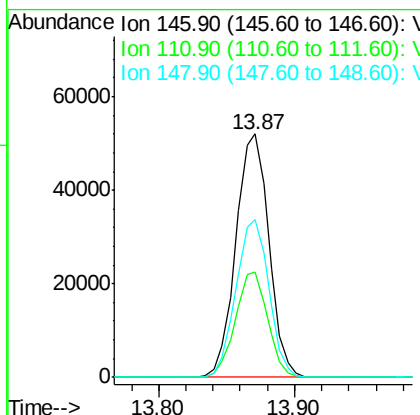
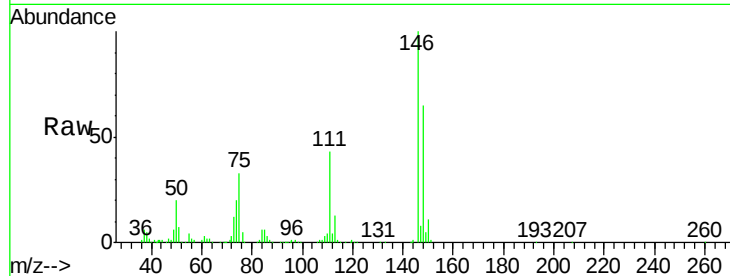
#91
 1,2-Dichlorobenzene
 Concen: 19.867 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.3	63.9
148	64.8	32.1	96.5

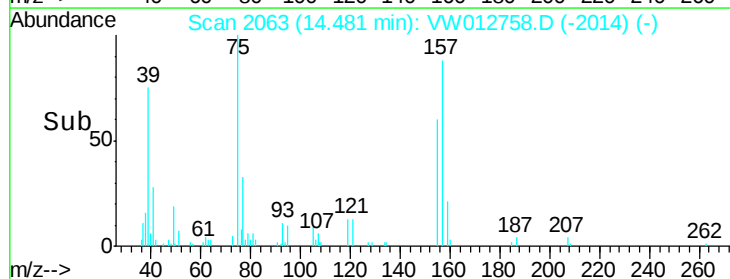
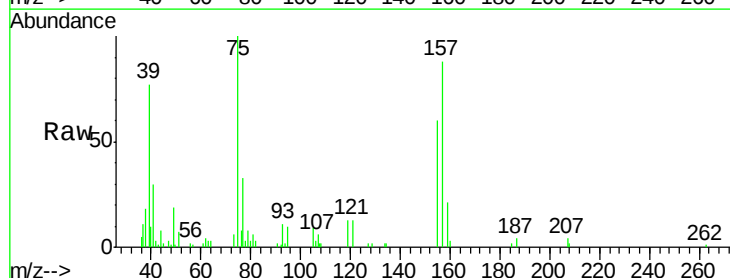
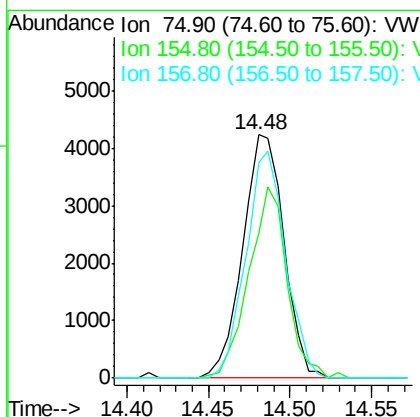
Manual Integrations
 APPROVED

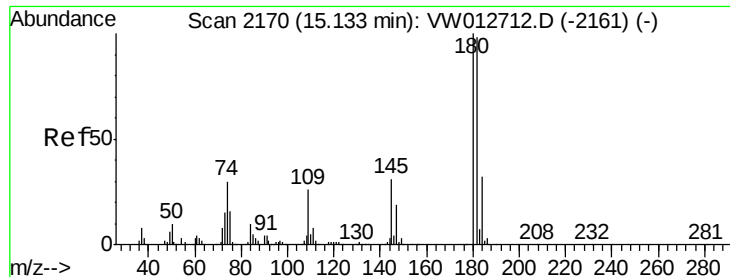
MMDadoda
 9/10/2019 1:22:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.291 ug/l
 RT: 14.48 min Scan# 2063
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	73.0	40.6	122.0
157	89.8	52.5	157.5





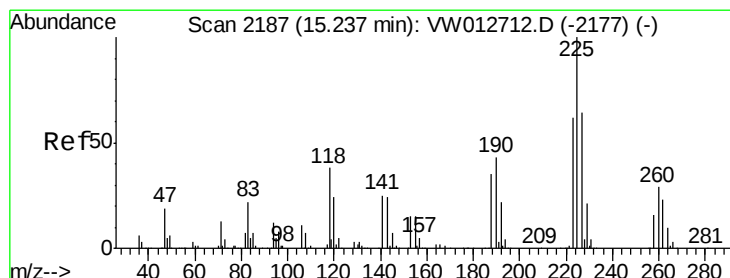
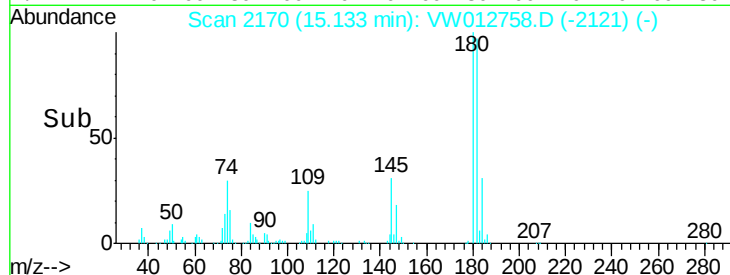
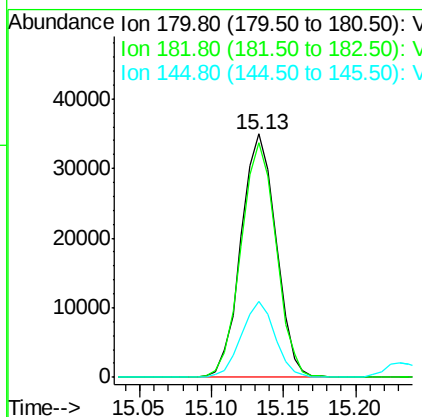
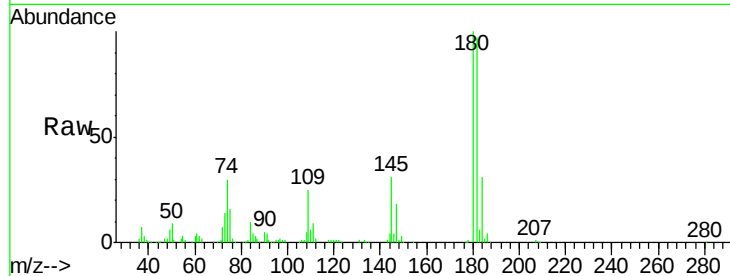
#93
 1,2,4-Trichlorobenzene
 Concen: 19.089 ug/l
 RT: 15.13 min Scan# 2170
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58939		
182	96.5	48.7	146.1	
145	30.0	15.0	45.1	

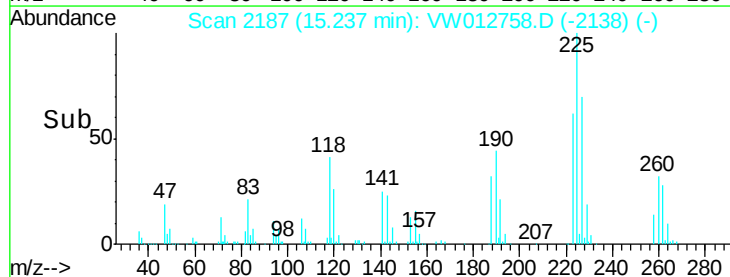
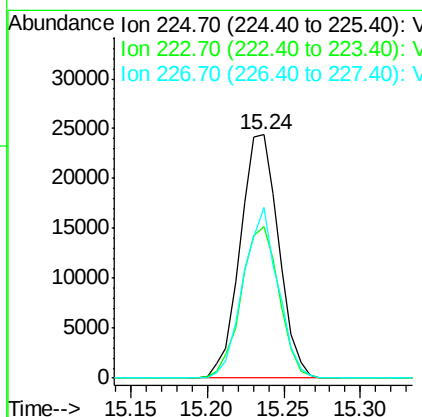
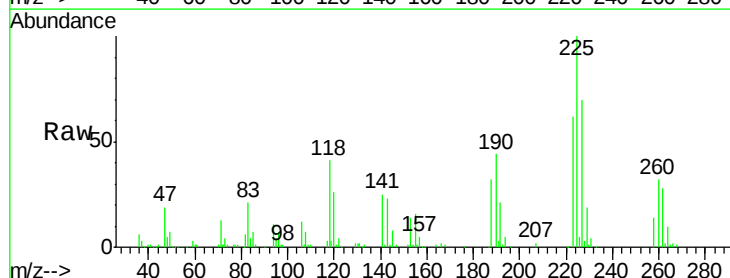
Manual Integrations
 APPROVED

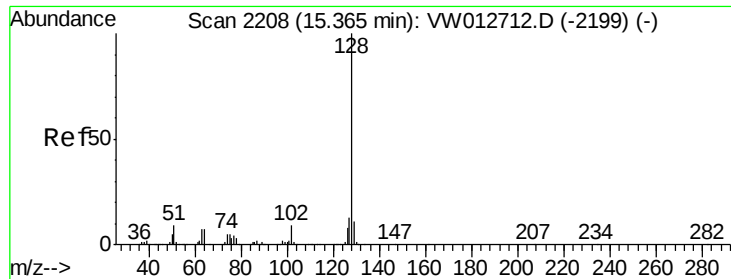
MMDadoda
 9/10/2019 1:22:35 PM



#94
 Hexachlorobutadiene
 Concen: 19.917 ug/l
 RT: 15.24 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: VW012758.D
 Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	42566		
223	61.5	31.1	93.3	
227	63.1	31.4	94.2	





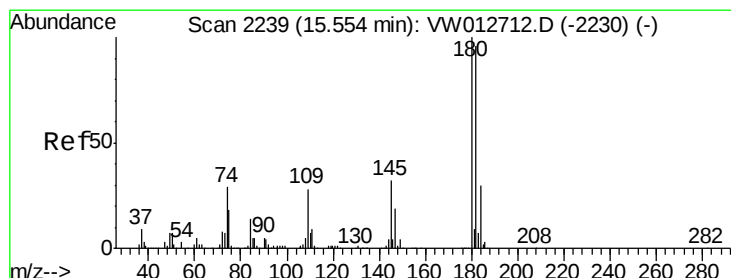
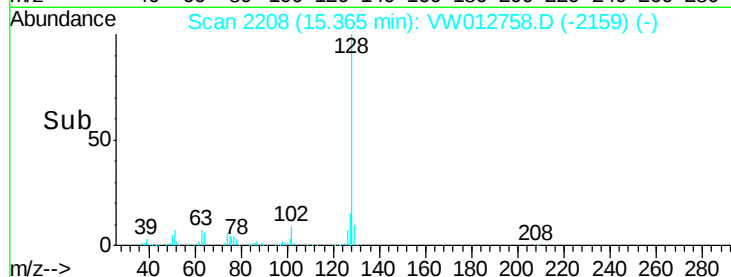
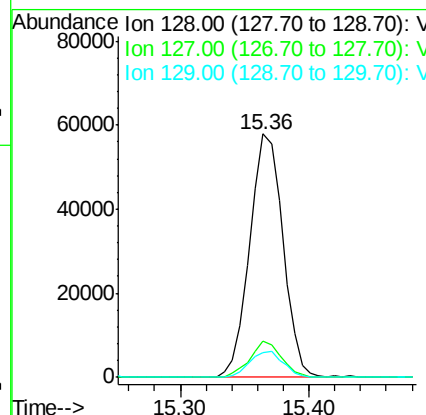
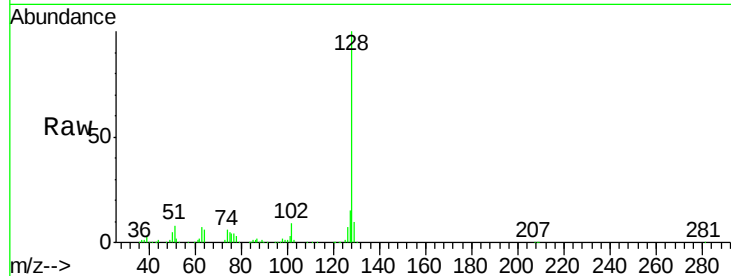
#95
Naphthalene
Concen: 19.002 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Instrument :
MSVOA_W
ClientSampleId :
VW0907SBS02

Tot Ion	Ratio	Resp	Lower	Upper
128	100	103443		
127	14.3		10.7	16.1
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/10/2019 1:22:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.945 ug/l
RT: 15.55 min Scan# 2239
Delta R.T. -0.00 min
Lab File: VW012758.D
Acq: 08 Sep 2019 09:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51633		
182	96.3		47.8	143.3
145	31.5		15.4	46.2

